

HIV Infections Among Blacks/African-Americans in the United States¹

Estimates from the Centers for Disease Control and Prevention (CDC) of HIV infections diagnosed among blacks/African-Americans in the United States reveal the great disease burden of HIV in this population. While blacks/African-Americans represent approximately 13.4 percent of the total United States population, they accounted for 44 percent (n=16,690) of all new reported diagnoses of HIV infection in 2017 (n=38,281). The rate of new reported diagnoses of HIV infection among blacks/African-Americans decreased from 2012 (46.9 per 100,000 population) to 2017 (41.1 per 100,000 population). However, the rate of new reported diagnoses of HIV infection in 2017 among blacks/African-Americans was more than eight times higher than among whites (41.1 vs. 5.1 per 100,000 population).

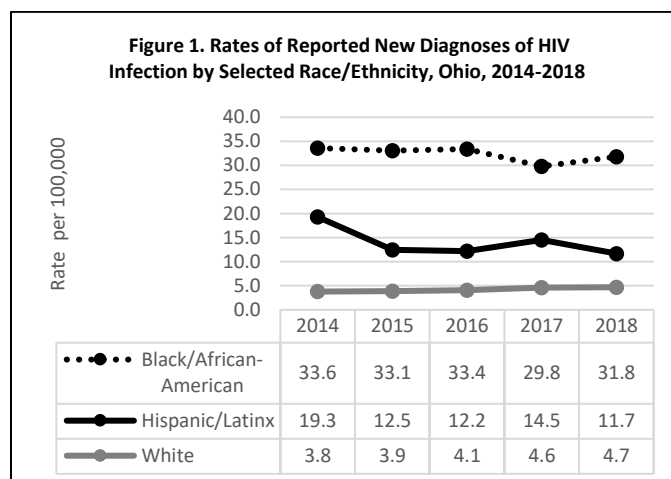
¹Source: Centers for Disease Control and Prevention. *HIV Surveillance Report, 2017*; vol. 29. <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published November 2018. Accessed 8/7/19.

New Reported Diagnoses of HIV Infection Among Blacks/African-Americans in Ohio

From 2014-2018, blacks/African-Americans had the highest rate of new reported diagnoses of HIV infection among race/ethnicity groups in Ohio, as illustrated in Figure 1. In 2018, blacks/African-Americans accounted for nearly half (47 percent) of new reported diagnoses of HIV infections. In the same year, whites accounted for 43 percent and Hispanics/Latinx accounted for seven percent of new reported diagnoses of HIV infections.

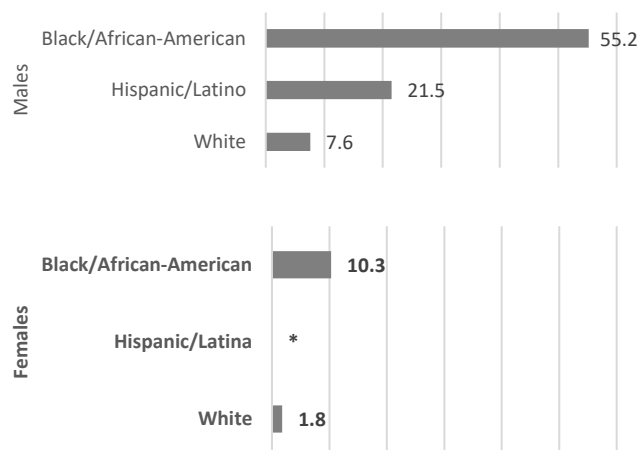
Of the 989 new reported diagnoses of HIV infection reported in Ohio in 2018, 469 were among blacks/African-Americans. Blacks/African-Americans accounted for 47 percent of the new reported diagnoses of HIV infection reported in 2018 but made up only 13 percent of Ohio's population. The rate of new reported diagnoses of HIV infection was nearly

seven times greater among blacks/African-Americans than whites (31.8 vs. 4.7 per 100,000 population).

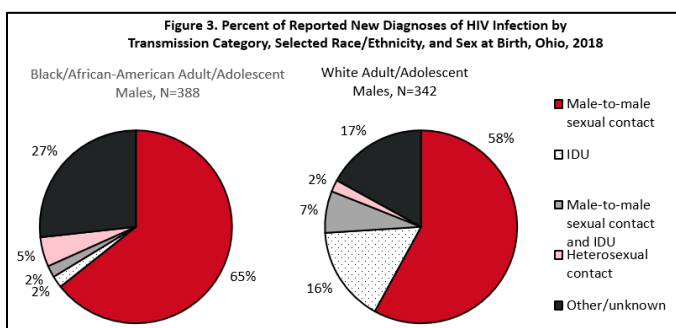


The disproportionate impact of HIV in Ohio's black/African-American population is further evident when examining differences in rates by race/ethnicity and sex at birth. Figure 2 illustrates that among males, the rate of new reported diagnoses of HIV infection was more than seven times greater among blacks/African-Americans than whites (55.2 vs. 7.6 per 100,000 population). Among females, the rate was nearly six times greater among black/African-Americans than whites (10.3 vs. 1.8 per 100,000 population).

Figure 2. Rates of Reported New Diagnoses of HIV Infection by Selected Race/Ethnicity, Ohio, 2018

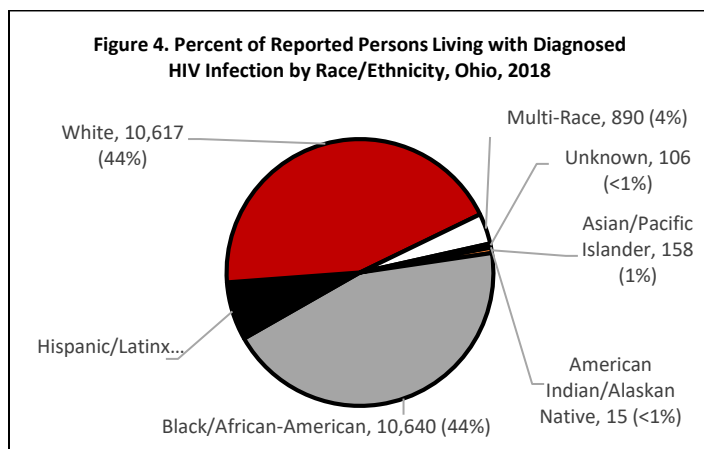


Persons aged 20-29 years account for 46 percent of new reported diagnoses of HIV infection among blacks/African-Americans in 2018. As illustrated in Figure 3, 65 percent of new diagnoses of HIV infection among black/African-American males in 2018 were reported with male-to-male sexual contact as the transmission category. Fifty-eight percent of white males were reported with male-to-male sexual contact as the transmission category, though it is important to note that a higher percent of black/African-American males had an unknown transmission category.



Blacks/African-Americans Living with Diagnosed HIV Infection in Ohio

Figure 4 illustrates that of the 24,130 persons reported as living with diagnosed HIV infection in Ohio at the end of 2018, 44 percent (n=10,640) were black/African-American.



The rate for blacks/African-Americans living with diagnosed HIV infection was more than six

times greater than that of whites (721.6 vs. 115.5 per 100,000 population), as highlighted in Table 1.

Table 1. Number, Percent, and Rates of Persons Living with Diagnosed HIV Infection by Race/Ethnicity, Ohio, 2018			
Race/Ethnicity	Number	%	Rate
American Indian/Alaskan Native	15	<1%	65.9
Asian/Pacific Islander	158	1%	54.9
Black/African-American	10,640	44%	721.6
Hispanic/Latinx	1,704	7%	369.7
White	10,617	44%	115.5
Multi-Race	890	4%	359.3
Unknown	106	<1%	-
Total	24,130		206.4

Explanation of Terms:

- Diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS). The rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

- Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV or AIDS who have not been reported as having died as of December 31, 2018. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2018, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis. The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.

- Males and Females refer to sex assigned at birth.

- Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-Race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

- Transmission categories are mutually exclusive, hierarchical categories defined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

- Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2019.

Please direct questions about this report to: Ohio Department of Health / Division of Health Improvement and Wellness / HIV Surveillance Program / 614-387-2722