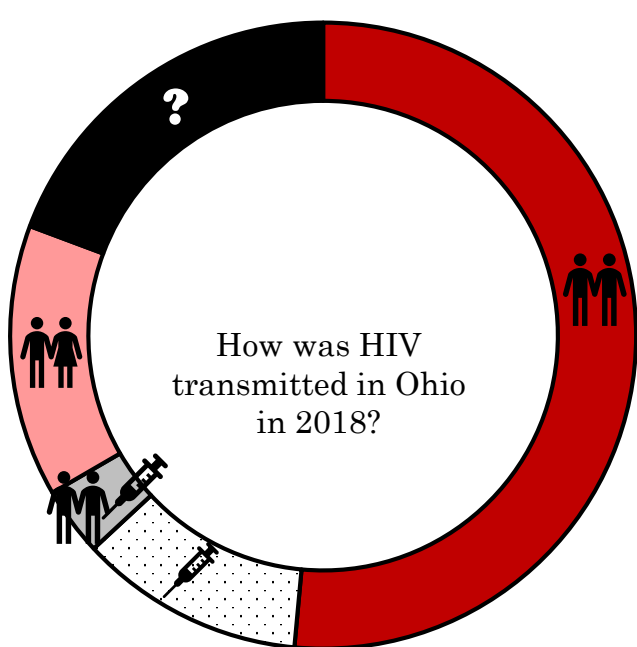


HIV in Ohio

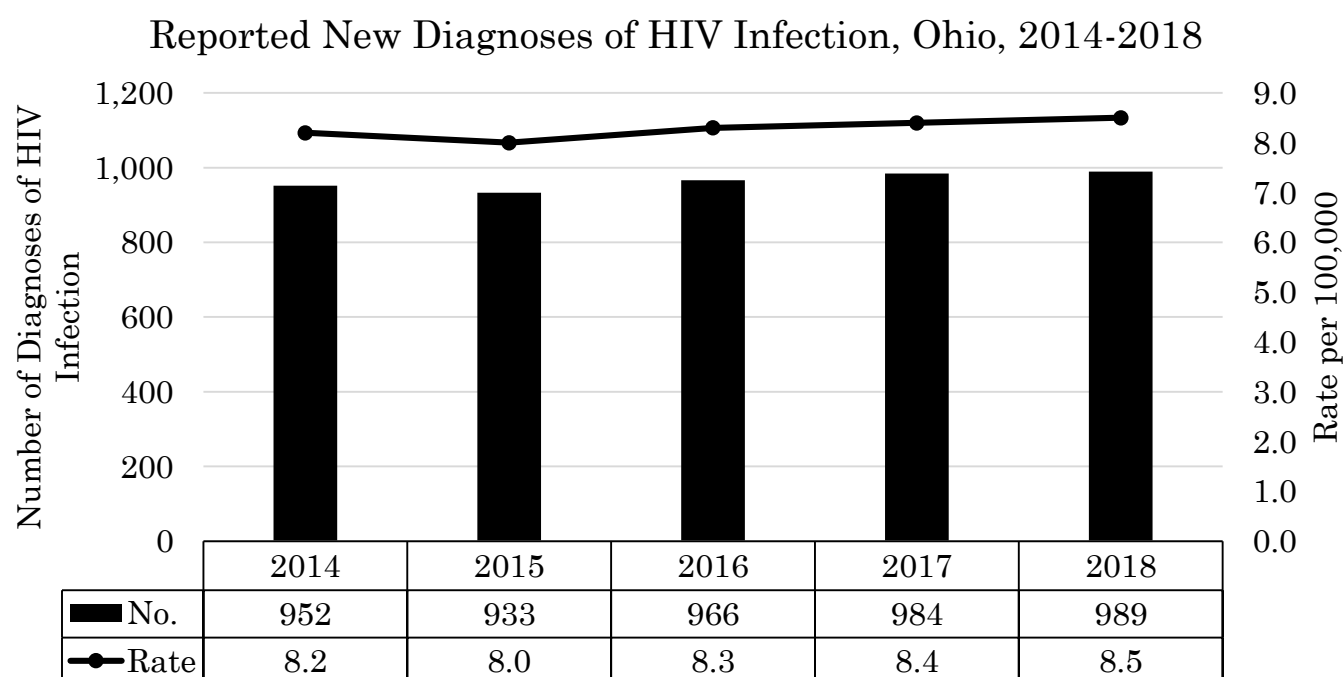


New Diagnoses of HIV Infection, 2018

In 2018, there were 989 reported new diagnoses of HIV Infection in the state of Ohio. Eight-two percent of new diagnoses were male and 47 percent of new diagnoses were black/African-American. The rate of new diagnoses in black/African-Americans was nearly seven times higher than that in whites. Over half (53 percent) of new diagnoses are between the ages of 20 and 34. Male-to-male sexual contact is the transmission category for 63 percent of males and heterosexual contact is the transmission for 66 percent of females. Fifty-eight percent of new diagnoses reside in Cuyahoga (16 percent), Franklin (23 percent), or Hamilton (19 percent). Twenty-five percent of new diagnoses had a late diagnosis (initially diagnosed and progressed to AIDS within 12 months of initial HIV diagnosis or initially diagnosed with AIDS).

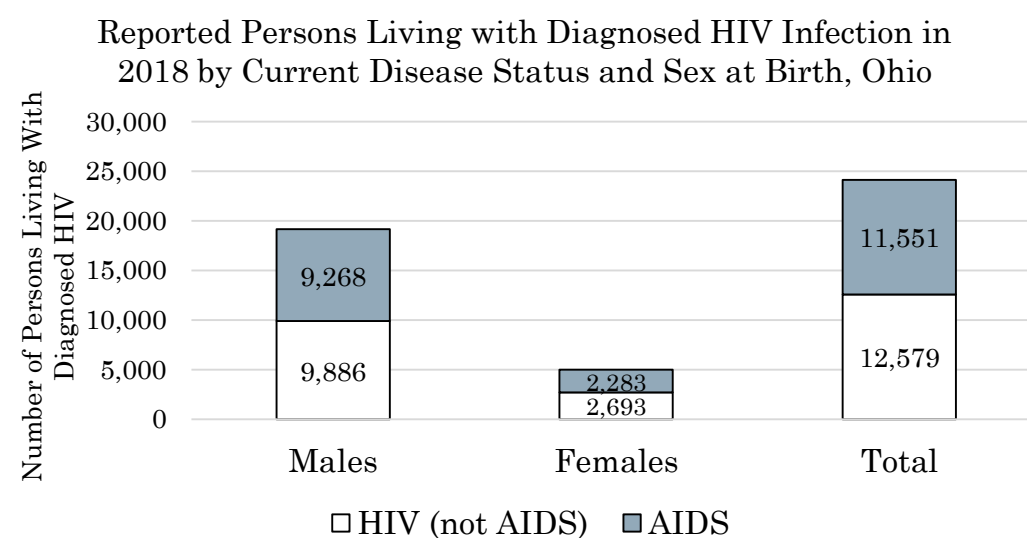


- Male-to-male-sexual contact (51%)
- Injection Drug Use (IDU) (12%)
- Male-to-male sexual contact and IDU (4%)
- Heterosexual contact (14%)
- Other/unknown (19%)



Living With Diagnosed HIV Infection, 2018

As of December 31, 2018, there were 24,130 persons living with diagnosed HIV Infection in the state of Ohio. Slightly over half (52 percent) of the 24,130 people are living with HIV only, meaning they have not yet progressed to AIDS and slightly under half (48 percent) have already progressed to AIDS. Persons age 50-54 years have the highest rate of persons living with diagnosed HIV Infection at 493.3/100,000. Whites and black/African-Americans each make up 44 percent of persons living with diagnosed HIV Infection, but the rate for black/African-Americans was more than 6 times as high as that for whites. Fifty-six percent of persons living with diagnosed HIV infection in Ohio resided in Cuyahoga (21 percent), Franklin (22 percent), or Hamilton (13 percent) Counties.



<https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/hiv-aids-surveillance-program>

Reported new 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) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV Infection represent all persons confidentially tested and reported with a diagnosis of HIV infection not previously reported to the Ohio Department of Health (ODH).

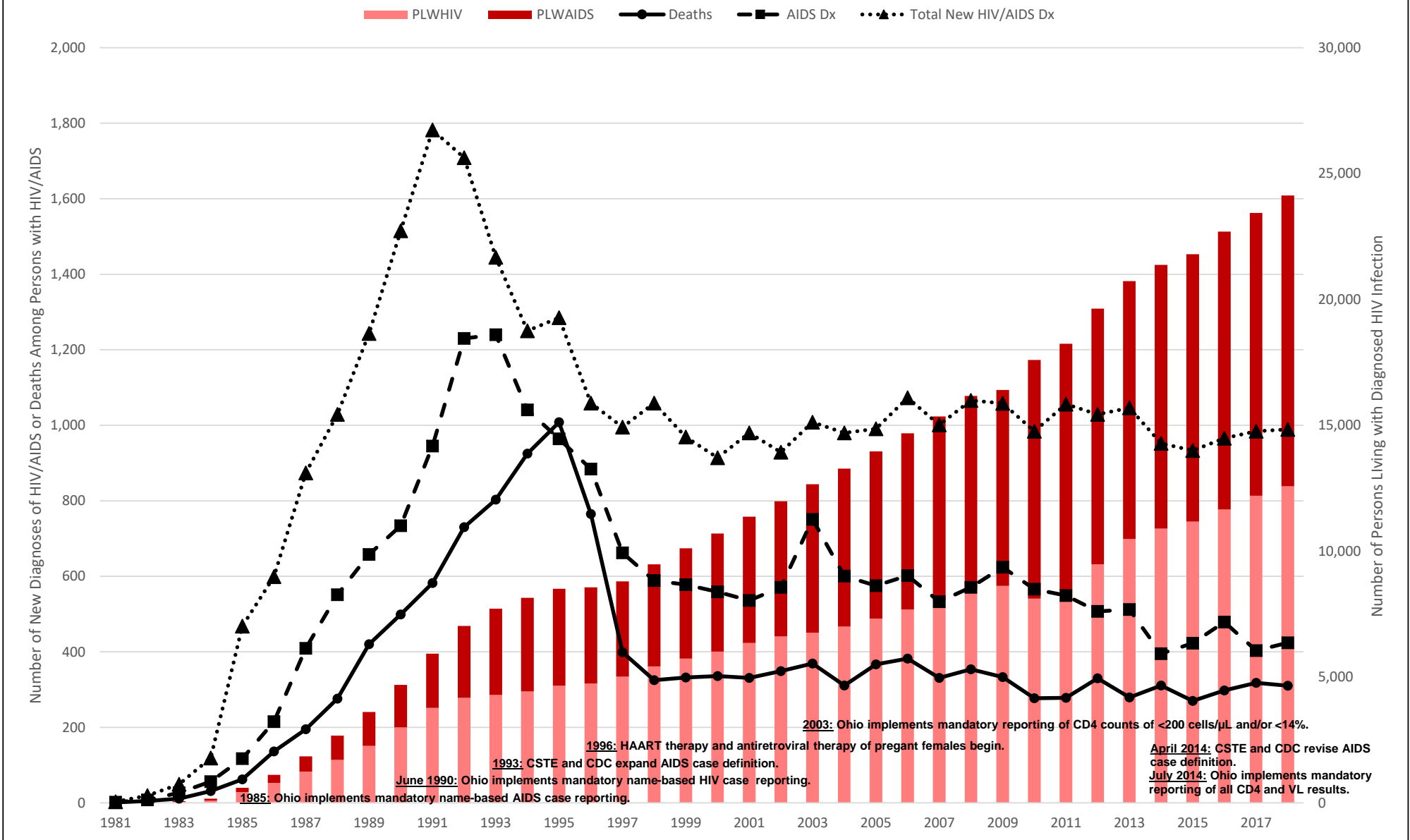
Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31, 2018. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2018, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Males and Females refer to sex assigned at birth. Rates are calculated per 100,000 population.
Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2019.

Ohio Department of Health
HIV Surveillance Program
246 N. High St.
Columbus, OH 43215
(614) 387-2722



History of Ohio's HIV/AIDS Epidemic, 1981-2018



Notes:

Total new HIV/AIDS Dx include persons with a diagnosis of HIV, a diagnosis of HIV and an AIDS diagnosis within 12 months, and concurrent diagnoses of HIV and AIDS.

Persons may be counted as both an HIV diagnosis in one year and an AIDS diagnosis in a subsequent year.

PLWHIV = Persons Living With HIV; PLWAIDS = Persons Living With AIDS; Deaths = Deaths among reported HIV/AIDS cases; deaths are for all causes; AIDS Dx = Persons diagnosed with AIDS; Total New HIV/AIDS Dx = Persons diagnosed with HIV/AIDS.

CSTE = Council for State and Territorial Epidemiologists; CDC = Centers for Disease Control and Prevention; HAART = Highly Active AntiRetroviral Therapy; VL = Viral Load.

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

Summary of HIV Infection in Ohio by selected characteristics, 2018, Ohio

Characteristic	2018 diagnosis of HIV infection			Living with diagnosed HIV infection in 2018			2018 Deaths among Persons with Diagnosed HIV Infection		
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%
Sex at birth									
Males	14.2	815	82%	334.2	19,154	79%	4.4	255	82%
Females	2.9	174	18%	83.5	4,976	21%	0.9	55	18%
Age at diagnosis (yr)									
<13	0.3	6	1%	3.3	61	<1%	*	-	-
13-14	*	-	-	3.7	11	<1%	*	-	-
15-19	7.1	54	5%	16.4	125	1%	*	-	-
20-24	23.2	176	18%	107.4	815	3%	0.7	5	2%
25-29	24.7	199	20%	263.5	2,126	9%	1.9	15	5%
30-34	20.7	153	15%	310.9	2,296	10%	1.9	14	5%
35-39	15.2	110	11%	304.9	2,208	9%	2.5	18	6%
40-44	11.7	78	8%	338.1	2,255	9%	4.0	27	9%
45-49	11.1	81	8%	403.9	2,959	12%	5.7	42	14%
50-54	7.4	56	6%	493.3	3,711	15%	7.4	56	18%
55-64	3.9	63	6%	355.6	5,730	24%	5.2	83	27%
65+	0.7	13	1%	91.9	1,833	8%	2.5	50	16%
Race/Ethnicity^b									
American Indian/Alaska Native	*	-	-	65.9	15	<1%	*	-	-
Asian/Pacific Islander	2.8	8	1%	54.9	158	1%	*	1	<1%
Black/African-American	31.8	469	47%	721.6	10,640	44%	9.2	136	44%
Hispanic/Latinx	11.7	54	5%	369.7	1,704	7%	1.7	8	3%
White	4.7	430	43%	115.5	10,617	44%	1.7	152	49%
Multi-Race	11.3	28	3%	359.3	890	4%	5.2	13	4%
Unknown	-	-	-	*	106	<1%	*	-	-
Race/Ethnicity^b and Sex at birth									
American Indian/Alaska Native Males	*	-	-	78.9	9	<1%	*	-	-
American Indian/Alaska Native Females	*	-	-	52.8	6	<1%	*	-	-
Asian/Pacific Islander Males	5.0	7	1%	87.1	121	1%	*	1	<1%
Asian/Pacific Islander Females	*	1	<1%	24.9	37	<1%	*	-	-
Black/African-American Males	55.2	390	39%	1,109.3	7,834	32%	16.0	113	36%
Black/African-American Females	10.3	79	8%	365.3	2,806	12%	3.0	23	7%
Hispanic/Latino Males	21.5	51	5%	553.8	1,312	5%	2.1	5	2%
Hispanic/Latina Females	*	3	<1%	175.0	392	2%	*	3	1%
White Males	7.6	344	35%	201.4	9,094	38%	2.8	125	40%
White Females	1.8	86	9%	32.5	1,523	6%	0.6	27	9%
Multi-Race Males	18.7	23	2%	578.8	710	3%	9.0	11	4%
Multi-Race Females	4.0	5	1%	144.0	180	1%	*	2	1%
Unknown	-	-	-	*	106	<1%	*	-	-
Total	8.5	989		206.4	24,130		2.7	310	

Notes:

Reported new 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) who were residents of Ohio at time of initial diagnosis.

Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/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.

Deaths among persons with HIV/AIDS represent deaths attributed to any cause among persons reported with a diagnosis of HIV or AIDS who were living in Ohio at time of initial diagnosis.

Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^aThe rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.

^bHispanics/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.

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

Summary of HIV Infection in Ohio by transmission category, 2018, Ohio

Transmission Category ^a	2018 diagnosis of HIV infection		Living with diagnosed HIV infection in 2018		2018 Deaths among Persons with Diagnosed HIV Infection	
	No.	%	No.	%	No.	%
Male adult or adolescent						
Male-to-male sexual contact	509	63%	13,085	69%	133	52%
Injection drug use (IDU)	67	8%	785	4%	25	10%
Male-to-male sexual contact and IDU	35	4%	976	5%	22	9%
Heterosexual contact	26	3%	1,162	6%	18	7%
Other/unknown	174	21%	3,029	16%	57	22%
Subtotal	811	100%	19,037	100%	255	100%
Female adult or adolescent						
Injection drug use	48	28%	591	12%	20	36%
Heterosexual contact	113	66%	3,815	79%	30	55%
Other/unknown	11	6%	430	9%	5	9%
Subtotal	172	100%	4,836	100%	55	100%
Child (<13 yrs at diagnosis)						
Perinatal	5	83%	220	86%	-	-
Other/unknown	1	17%	37	14%	-	-
Subtotal	6	100%	257	100%	-	-
Total	989		24,130		310	

Summary of HIV Infection in Ohio by exposure category, 2018, Ohio

Exposure Category ^b	2018 diagnosis of HIV infection		Living with diagnosed HIV infection in 2018		2018 Deaths among Persons with Diagnosed HIV Infection	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	494	50%	12,386	51%	120	39%
Injection drug use (IDU) only	49	5%	658	3%	20	6%
Heterosexual contact only	139	14%	4,982	21%	48	15%
Male-to-male sexual contact & IDU	29	3%	756	3%	15	5%
IDU & Heterosexual contact	66	7%	718	3%	25	8%
Male-to-male sexual contact & Heterosexual contact	15	2%	699	3%	13	4%
Male-to-male sexual contact & IDU & Heterosexual contact	6	1%	220	1%	7	2%
Perinatal exposure	5	1%	232	1%	1	<1%
Other/unknown	186	19%	3,479	14%	61	20%
Total	989		24,130		310	

Notes:

Reported new 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) who were residents of Ohio at time of initial diagnosis.

Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/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.

Deaths among persons with HIV/AIDS represent deaths attributed to any cause among persons reported with a diagnosis of HIV or AIDS who were living in Ohio at time of initial diagnosis.

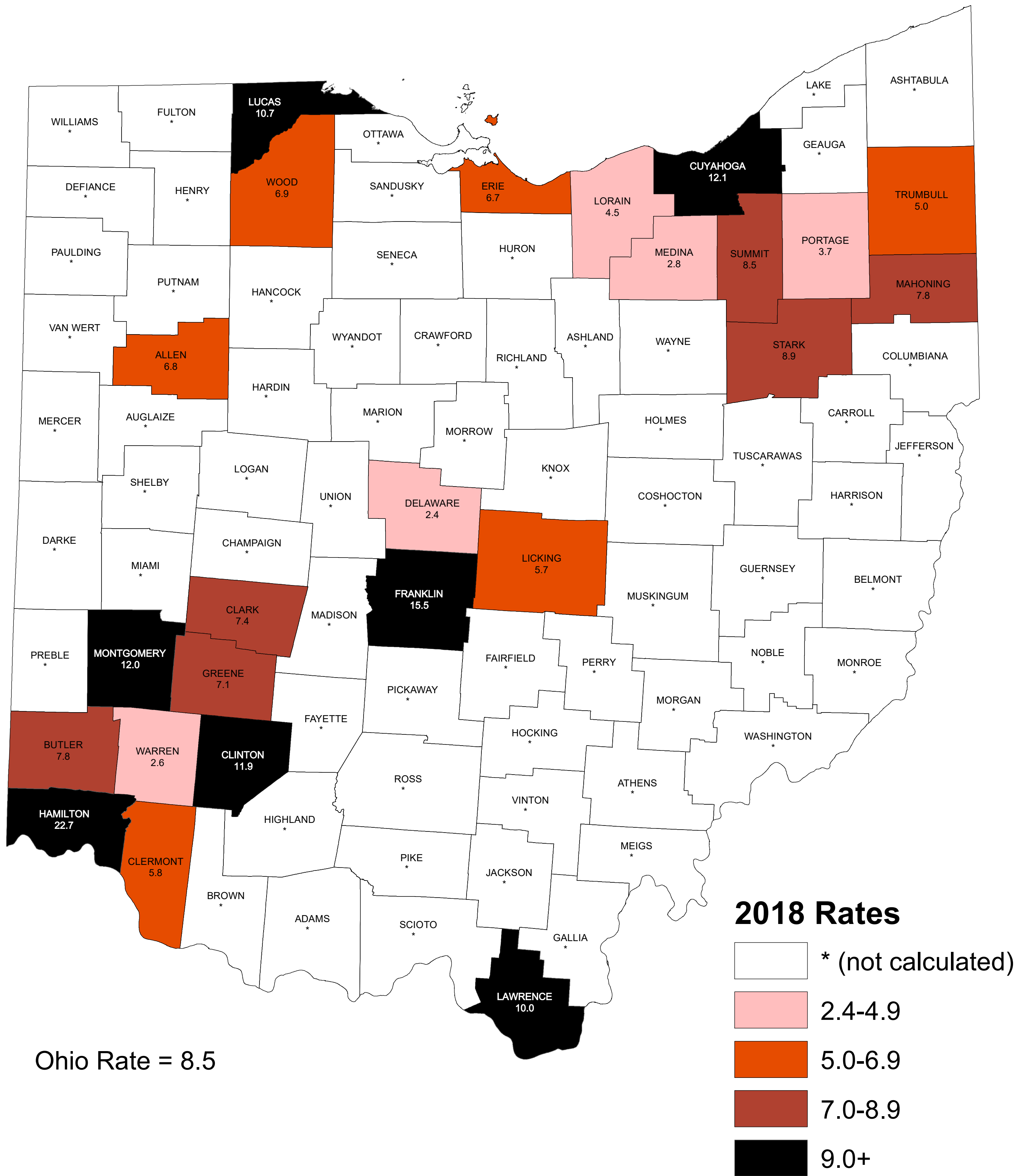
Dash (-) indicates no cases were reported for the given category.

^aTransmission categories are mutually exclusive, hierarchical risk categories determined 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.

^bExposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

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

Rates of Reported New Diagnoses of HIV Infection by County, Ohio, 2018



Notes:
 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).
 Asterisk (*) indicates rate not calculated for case counts <5 due to unstable rates.
 County reflects county of residence at time of initial diagnosis. Cases diagnosed while in a state or federal correctional facility or whose county of residence at time of diagnosis is unknown are not included.
 The rate is the number of persons with a reported new diagnosis of HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.
 Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2019.

Rates of Reported Persons Living with Diagnosed HIV Infection by County, Ohio, 2018

