

New Diagnoses of HIV Infection Reported in Hamilton County

As of June 30, 2019

Reported new diagnoses of HIV infection in 2018 by disease status and selected characteristics, Hamilton County

Characteristic	2018 diagnosis of HIV infection			Disease Status					
	Rate ^a	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
Sex at birth									
Males	35.7	141	76%	108	73%	28	90%	5	83%
Females	10.4	44	24%	40	27%	3	10%	1	17%
Age at diagnosis (yr)									
<13	*	-	-	-	-	-	-	-	-
13-14	*	-	-	-	-	-	-	-	-
15-19	28.1	15	8%	15	10%	-	-	-	-
20-24	51.1	27	15%	23	16%	4	13%	-	-
25-29	54.9	36	19%	31	21%	4	13%	1	17%
30-34	62.4	37	20%	28	19%	7	23%	2	33%
35-39	49.4	26	14%	18	12%	6	19%	2	33%
40-44	31.4	14	8%	10	7%	4	13%	-	-
45-49	16.9	8	4%	7	5%	1	3%	-	-
50-54	29.9	15	8%	13	9%	1	3%	1	17%
55-64	5.5	6	3%	2	1%	4	13%	-	-
65+	*	1	1%	1	1%	-	-	-	-
Race/Ethnicity ^b									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	1	1%	1	1%	-	-	-	-
Black/African-American	40.6	87	47%	68	46%	15	48%	4	67%
Hispanic/Latinx	17.7	5	3%	4	3%	1	3%	-	-
White	16.0	85	46%	69	47%	14	45%	2	33%
Multi-Race	37.3	7	4%	6	4%	1	3%	-	-
Race/Ethnicity ^b and Sex at birth									
American Indian/Alaska Native Males	*	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Males	*	1	1%	1	1%	-	-	-	-
Asian/Pacific Islander Females	*	-	-	-	-	-	-	-	-
Black/African-American Males	68.8	68	37%	52	35%	13	42%	3	50%
Black/African-American Females	16.5	19	10%	16	11%	2	6%	1	17%
Hispanic/Latino Males	34.6	5	3%	4	3%	1	3%	-	-
Hispanic/Latina Females	*	-	-	-	-	-	-	-	-
White Males	23.9	62	34%	47	32%	13	42%	2	33%
White Females	8.5	23	12%	22	15%	1	3%	-	-
Multi-Race Males	54.9	5	3%	4	3%	1	3%	-	-
Multi-Race Females	*	2	1%	2	1%	-	-	-	-
Total	22.7	185		148		31		6	

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.

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

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

^b 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.

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

Reported new diagnoses of HIV infection in 2018 by disease status and transmission category, Hamilton County

Transmission Category ^a	2018 diagnosis of HIV infection		Disease Status					
	HIV infection		HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent								
Male-to-male sexual contact	66	47%	53	49%	10	36%	3	60%
Injection drug use (IDU)	42	30%	36	33%	6	21%	-	-
Male-to-male sexual contact and IDU	4	3%	3	3%	1	4%	-	-
Heterosexual contact	4	3%	1	1%	3	11%	-	-
Other/unknown	25	18%	15	14%	8	29%	2	40%
Subtotal	141	100%	108	100%	28	100%	5	100%
Female adult or adolescent								
Injection drug use	19	43%	18	45%	1	33%	-	-
Heterosexual contact	23	52%	20	50%	2	67%	1	100%
Other/unknown	2	5%	2	5%	-	-	-	-
Subtotal	44	100%	40	100%	3	100%	1	100%
Child (<13 yrs at diagnosis)								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Total	185		148		31		6	

Reported new diagnoses of HIV infection in 2018 by disease status and exposure category, Hamilton County

Exposure Category ^b	2018 diagnosis of HIV infection		Disease Status					
	HIV infection		HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	65	35%	52	35%	10	32%	3	50%
Injection drug use (IDU) only	32	17%	27	18%	5	16%	-	-
Heterosexual contact only	27	15%	21	14%	5	16%	1	17%
Male-to-male sexual contact & IDU	3	2%	2	1%	1	3%	-	-
IDU & Heterosexual contact	29	16%	27	18%	2	6%	-	-
Male-to-male sexual contact & Heterosexual contact	1	1%	1	1%	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	1	1%	1	1%	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	27	15%	17	11%	8	26%	2	33%
Total	185		148		31		6	

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.

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

^a Transmission 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.

^b Exposure 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.

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and age at diagnosis, Hamilton County

2018 diagnosis of HIV infection																		
	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx*			White			Multi-Race		
Age at diagnosis (yr)	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	78.7	12	14%	*	-	-	*	2	2%	*	1	14%
20-24	*	-	-	*	-	-	130.5	19	22%	*	2	40%	15.3	5	6%	*	1	14%
25-29	*	-	-	*	-	-	109.2	19	22%	*	1	20%	33.9	14	16%	*	2	29%
30-34	*	-	-	*	-	-	88.5	13	15%	*	-	-	60.0	23	27%	*	1	14%
35-39	*	-	-	*	-	-	59.3	8	9%	*	1	20%	50.4	17	20%	*	-	-
40-44	*	-	-	*	-	-	*	3	3%	*	1	20%	34.5	10	12%	*	-	-
45-49	*	-	-	*	1	100%	*	2	2%	*	-	-	*	4	5%	*	1	14%
50-54	*	-	-	*	-	-	55.7	7	8%	*	-	-	20.0	7	8%	*	1	14%
55-64	*	-	-	*	-	-	*	4	5%	*	-	-	*	2	2%	*	-	-
65+	*	-	-	*	-	-	*	-	-	*	-	-	*	1	1%	*	-	-
Total	*	-	-	*	1	-	40.6	87	-	17.7	5	-	16.0	85	-	37.3	7	-

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and transmission category, Hamilton County

Transmission Category ^c	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	1	100%	41	60%	3	60%	20	32%	1	20%
Injection drug use (IDU)	-	-	-	-	5	7%	1	20%	33	53%	3	60%
Male-to-male sexual contact and IDU	-	-	-	-	1	1%	-	-	3	5%	-	-
Heterosexual contact	-	-	-	-	3	4%	1	20%	-	-	-	-
Other/unknown	-	-	-	-	18	26%	-	-	6	10%	1	20%
Subtotal	-	-	1	100%	68	100%	5	100%	62	100%	5	100%
Female adult or adolescent												
Injection drug use	-	-	-	-	1	5%	-	-	18	78%	-	-
Heterosexual contact	-	-	-	-	16	84%	-	-	5	22%	2	100%
Other/unknown	-	-	-	-	2	11%	-	-	-	-	-	-
Subtotal	-	-	-	-	19	100%	-	-	23	100%	2	100%
Child (<13 yrs at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
Total	-		1		87		5		85		7	

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and exposure category, Hamilton County

Exposure Category ^d	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	1	100%	40	46%	3	60%	20	24%	1	14%
Injection drug use (IDU) only	-	-	-	-	3	3%	-	-	27	32%	2	29%
Heterosexual contact only	-	-	-	-	19	22%	1	20%	5	6%	2	29%
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-	3	4%	-	-
IDU & Heterosexual contact	-	-	-	-	3	3%	1	20%	24	28%	1	14%
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	20	23%	-	-	6	7%	1	14%
Total	-	-	1	-	87	-	5	-	85	-	7	-

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.
Asterisk (*) indicates rate not calculated because census data unavailable or for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.
^a 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.
^b The rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.
^c Transmission 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.
^d Exposure 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.

Trends in reported new diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by selected characteristics, Hamilton County

Diagnosis of HIV Infection by Year																	
Characteristic	2014			2015			2016			2017			2018			Cumulative Diagnoses	
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	No.	%
Sex at birth																	
Males	31.9	124	82%	29.3	114	79%	26.9	105	74%	34.4	135	73%	35.7	141	76%	3,981	82%
Females	6.7	28	18%	7.2	30	21%	8.6	36	26%	12.1	51	27%	10.4	44	24%	887	18%
Age at diagnosis (yr)																	
<13	*	-	-	*	1	1%	*	1	1%	*	-	-	*	-	-	33	1%
13-14	*	-	-	*	1	1%	*	-	-	*	1	1%	*	-	-	4	<1%
15-19	21.0	11	7%	20.8	11	8%	11.4	6	4%	26.4	14	8%	28.1	15	8%	242	5%
20-24	51.8	29	19%	62.5	34	24%	39.2	21	15%	63.5	34	18%	51.1	27	15%	682	14%
25-29	57.3	36	24%	42.2	27	19%	52.5	34	24%	58.1	38	20%	54.9	36	19%	875	18%
30-34	32.7	18	12%	43.1	24	17%	45.6	26	18%	53.5	31	17%	62.4	37	20%	939	19%
35-39	25.6	12	8%	20.7	10	7%	20.1	10	7%	39.1	20	11%	49.4	26	14%	729	15%
40-44	27.6	13	9%	15.3	7	5%	27.1	12	9%	29.7	13	7%	31.4	14	8%	549	11%
45-49	25.6	13	9%	16.1	8	6%	16.3	8	6%	22.6	11	6%	16.9	8	4%	349	7%
50-54	10.4	6	4%	17.7	10	7%	16.6	9	6%	23.0	12	6%	29.9	15	8%	246	5%
55-64	12.2	13	9%	6.5	7	5%	11.1	12	9%	9.2	10	5%	5.5	6	3%	173	4%
65+	*	1	1%	*	4	3%	*	2	1%	*	2	1%	*	1	1%	47	1%
Race/Ethnicity ^b																	
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
Asian/Pacific Islander	*	-	-	*	-	-	*	1	1%	*	1	1%	*	1	1%	19	<1%
Black/African-American	45.2	94	62%	47.8	100	69%	37.4	79	56%	46.9	100	54%	40.6	87	47%	2,581	53%
Hispanic/Latinx	38.4	9	6%	*	4	3%	*	4	3%	22.5	6	3%	17.7	5	3%	97	2%
White	8.0	43	28%	6.3	34	24%	9.6	51	36%	12.8	68	37%	16.0	85	46%	2,054	42%
Multi-Race	36.0	6	4%	34.9	6	4%	33.6	6	4%	60.4	11	6%	37.3	7	4%	105	2%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	9	<1%
Race/Ethnicity ^b and Sex at birth																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Asian/Pacific Islander Males	*	-	-	*	-	-	*	1	1%	*	-	-	*	1	1%	16	<1%
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	1	1%	*	-	-	3	<1%
Black/African-American Males	78.6	75	49%	78.3	75	52%	60.8	59	42%	76.5	75	40%	68.8	68	37%	1,984	41%
Black/African-American Females	16.9	19	13%	22.1	25	17%	17.5	20	14%	21.7	25	13%	16.5	19	10%	597	12%
Hispanic/Latino Males	57.7	7	5%	*	4	3%	*	2	1%	36.0	5	3%	34.6	5	3%	78	2%
Hispanic/Latina Females	*	2	1%	*	-	-	*	2	1%	*	1	1%	*	-	-	19	<1%
White Males	14.1	37	24%	11.8	31	22%	15.0	39	28%	16.9	44	24%	23.9	62	34%	1,810	37%
White Females	2.2	6	4%	*	3	2%	4.4	12	9%	8.8	24	13%	8.5	23	12%	244	5%
Multi-Race Males	62.1	5	3%	*	4	3%	*	4	3%	124.3	11	6%	54.9	5	3%	82	2%
Multi-Race Females	*	1	1%	*	2	1%	*	2	1%	*	-	-	*	2	1%	23	<1%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	9	<1%
Total	18.8	152		17.8	144		17.4	141		22.9	186		22.7	185		4,868	

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. Diagnoses of HIV infection by year (2014-2018) represent all reported cases diagnosed in each year; cumulative diagnoses represent all reported HIV and/or AIDS cases diagnosed since the beginning of the epidemic through 2018.

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

^a 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.

^b 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.

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

Trends in reported new diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by transmission category, Hamilton County

Transmission Category ^a	Diagnosis of HIV Infection by Year												Cumulative Diagnoses	
	2014		2015		2016		2017		2018					
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Male adult or adolescent														
Male-to-male sexual contact	78	63%	83	73%	61	58%	84	62%	66	47%	2,742	69%		
Injection drug use (IDU)	6	5%	1	1%	6	6%	19	14%	42	30%	207	5%		
Male-to-male sexual contact and IDU	4	3%	1	1%	4	4%	5	4%	4	3%	205	5%		
Heterosexual contact	7	6%	5	4%	3	3%	1	1%	4	3%	146	4%		
Other/unknown	29	23%	23	20%	31	30%	26	19%	25	18%	661	17%		
Subtotal	124	100%	113	100%	105	100%	135	100%	141	100%	3,961	100%		
Female adult or adolescent														
Injection drug use	5	18%	1	3%	6	17%	18	35%	19	43%	137	16%		
Heterosexual contact	20	71%	28	93%	26	74%	32	63%	23	52%	662	76%		
Other/unknown	3	11%	1	3%	3	9%	1	2%	2	5%	75	9%		
Subtotal	28	100%	30	100%	35	100%	51	100%	44	100%	874	100%		
Child (<13 yrs at diagnosis)														
Perinatal	-	-	1	100%	1	100%	-	-	-	-	26	79%		
Other/unknown	-	-	-	-	-	-	-	-	-	-	7	21%		
Subtotal	-	-	1	100%	1	100%	-	-	-	-	33	100%		
Total	152		144		141		186		185		4,868			

Trends in reported diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by exposure category, Hamilton County

Exposure Category ^b	Diagnosis of HIV Infection by Year												Cumulative Diagnoses	
	2014		2015		2016		2017		2018					
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Male-to-male sexual contact only	73	48%	80	56%	61	43%	79	42%	65	35%	2,621	54%		
Injection drug use (IDU) only	3	2%	2	1%	6	4%	15	8%	32	17%	192	4%		
Heterosexual contact only	27	18%	33	23%	29	21%	33	18%	27	15%	808	17%		
Male-to-male sexual contact & IDU	4	3%	-	-	3	2%	3	2%	3	2%	179	4%		
IDU & Heterosexual contact	8	5%	-	-	6	4%	22	12%	29	16%	152	3%		
Male-to-male sexual contact & Heterosexual contact	5	3%	3	2%	-	-	5	3%	1	1%	121	2%		
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	1	1%	1	1%	2	1%	1	1%	26	1%		
Perinatal exposure	-	-	1	1%	2	1%	-	-	-	-	29	1%		
Other/unknown	32	21%	24	17%	33	23%	27	15%	27	15%	740	15%		
Total	152		144		141		186		185		4,868			

Notes:

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^b Exposure 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.

Persons Living with Diagnosed HIV Infection Reported in Hamilton County

As of June 30, 2019

Reported persons living with diagnosed HIV infection in 2018 by current disease status and selected characteristics, Hamilton County

Characteristic	Living with diagnosed HIV infection in 2018			Current Disease Status			
	Rate ^a	No.	%	HIV (not AIDS)		AIDS	
				No.	%	No.	%
Sex at birth							
Males	636.0	2,509	78%	1,262	76%	1,247	81%
Females	166.8	704	22%	408	24%	296	19%
Age at end of year							
<13	5.8	8	<1%	7	<1%	1	<1%
13-14	*	1	<1%	1	<1%	-	-
15-19	48.7	26	1%	22	1%	4	<1%
20-24	246.1	130	4%	109	7%	21	1%
25-29	528.8	347	11%	250	15%	97	6%
30-34	657.5	390	12%	242	14%	148	10%
35-39	552.8	291	9%	162	10%	129	8%
40-44	619.8	276	9%	143	9%	133	9%
45-49	675.3	320	10%	147	9%	173	11%
50-54	934.9	469	15%	183	11%	286	19%
55-64	681.1	738	23%	316	19%	422	27%
65+	173.3	217	7%	88	5%	129	8%
Race/Ethnicity^b							
American Indian/Alaska Native	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander	100.8	24	1%	14	1%	10	1%
Black/African-American	879.1	1,882	59%	959	57%	923	60%
Hispanic/Latinx	344.3	97	3%	46	3%	51	3%
White	205.6	1,091	34%	585	35%	506	33%
Multi-Race	585.8	110	3%	58	3%	52	3%
Unknown	*	8	<1%	8	<1%	-	-
Race/Ethnicity^b and Sex at birth							
American Indian/Alaska Native Males	*	1	<1%	-	-	1	<1%
American Indian/Alaska Native Females	*	-	-	-	-	-	-
Asian/Pacific Islander Males	170.5	20	1%	13	1%	7	<1%
Asian/Pacific Islander Females	*	4	<1%	1	<1%	3	<1%
Black/African-American Males	1,421.5	1,405	44%	688	41%	717	46%
Black/African-American Females	413.9	477	15%	271	16%	206	13%
Hispanic/Latino Males	553.3	80	2%	36	2%	44	3%
Hispanic/Latina Females	123.9	17	1%	10	1%	7	<1%
White Males	349.9	909	28%	472	28%	437	28%
White Females	67.2	182	6%	113	7%	69	4%
Multi-Race Males	954.8	87	3%	46	3%	41	3%
Multi-Race Females	237.9	23	1%	12	1%	11	1%
Unknown	*	8	<1%	8	<1%	-	-
Total	393.4	3,213		1,670		1,543	

Notes:

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.

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

^a The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^b 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.

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

Reported persons living with diagnosed HIV infection in 2018 by current disease status and transmission category, Hamilton County

Transmission Category ^a	Living with diagnosed HIV infection in 2018		Current Disease Status			
			HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male adult or adolescent						
Male-to-male sexual contact	1,736	70%	858	68%	878	71%
Injection drug use (IDU)	115	5%	62	5%	53	4%
Male-to-male sexual contact and IDU	112	4%	44	4%	68	5%
Heterosexual contact	118	5%	46	4%	72	6%
Other/unknown	415	17%	246	20%	169	14%
Subtotal	2,496	100%	1,256	100%	1,240	100%
Female adult or adolescent						
Injection drug use	88	13%	51	13%	37	13%
Heterosexual contact	552	80%	306	77%	246	85%
Other/unknown	47	7%	41	10%	6	2%
Subtotal	687	100%	398	100%	289	100%
Child (<13 yrs at diagnosis)						
Perinatal	26	87%	14	88%	12	86%
Other/unknown	4	13%	2	13%	2	14%
Subtotal	30	100%	16	100%	14	100%
Total	3,213		1,670		1,543	

Reported persons living with diagnosed HIV infection in 2018 by current disease status and exposure category, Hamilton County

Exposure Category ^b	Living with diagnosed HIV infection in 2018		Current Disease Status			
			HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	1,642	51%	816	49%	826	54%
Injection drug use (IDU) only	101	3%	56	3%	45	3%
Heterosexual contact only	670	21%	352	21%	318	21%
Male-to-male sexual contact & IDU	92	3%	40	2%	52	3%
IDU & Heterosexual contact	102	3%	57	3%	45	3%
Male-to-male sexual contact & Heterosexual contact	94	3%	42	3%	52	3%
Male-to-male sexual contact & IDU & Heterosexual contact	20	1%	4	<1%	16	1%
Perinatal exposure	27	1%	15	1%	12	1%
Other/unknown	465	14%	288	17%	177	11%
Total	3,213		1,670		1,543	

Notes:

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.

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

^a Transmission 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.

^b Exposure 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.

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and age, Hamilton County

Living with diagnosed HIV infection in 2018

Age at end of year	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx ^a			White			Multi-Race			Unknown	
	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	No.	%
<13	*	-	-	*	-	-	*	8	<1%	*	-	-	*	-	-	*	-	-	-	-
13-14	*	-	-	*	-	-	*	1	<1%	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	-	-	164.1	25	1%	*	-	-	*	-	-	*	1	1%	-	-
20-24	*	-	-	*	1	4%	645.7	94	5%	*	4	4%	76.4	25	2%	346.0	6	5%	-	-
25-29	*	-	-	*	1	4%	1,350.0	235	12%	459.1	11	11%	193.5	80	7%	1,361.5	20	18%	-	-
30-34	*	-	-	246.2	7	29%	1,714.9	252	13%	361.5	8	8%	271.3	104	10%	1,694.9	19	17%	-	-
35-39	*	-	-	*	3	13%	1,305.5	176	9%	591.7	13	13%	263.8	89	8%	1,136.4	10	9%	-	-
40-44	*	-	-	*	2	8%	1,379.2	155	8%	1,071.0	19	20%	321.2	93	9%	937.1	7	6%	-	-
45-49	*	-	-	*	4	17%	1,319.7	167	9%	1,143.2	17	18%	372.5	116	11%	2,693.0	15	14%	1	13%
50-54	*	1	100%	*	4	17%	1,989.8	250	13%	1,277.0	13	13%	535.5	187	17%	2,588.2	11	10%	3	38%
55-64	*	-	-	*	2	8%	1,519.9	397	21%	676.1	10	10%	400.0	312	29%	1,694.9	13	12%	4	50%
65+	*	-	-	*	-	-	477.3	122	6%	*	2	2%	88.7	85	8%	1,449.3	8	7%	-	-
Total	*	1		100.8	24		879.1	1,882		344.3	97		205.6	1,091		585.8	110		8	

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and transmission category, Hamilton County

Living with diagnosed HIV infection in 2018

Transmission Category ^c	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx ^a		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent														
Male-to-male sexual contact	1	100%	15	75%	909	65%	55	69%	691	76%	65	75%	-	-
Injection drug use (IDU)	-	-	-	-	45	3%	6	8%	58	6%	6	7%	-	-
Male-to-male sexual contact and IDU	-	-	1	5%	48	3%	2	3%	59	7%	2	2%	-	-
Heterosexual contact	-	-	1	5%	105	8%	6	8%	5	1%	1	1%	-	-
Other/unknown	-	-	3	15%	287	21%	11	14%	94	10%	13	15%	7	100%
Subtotal	1	100%	20	100%	1,394	100%	80	100%	907	100%	87	100%	7	100%
Female adult or adolescent														
Injection drug use	-	-	-	-	28	6%	2	12%	54	30%	4	18%	-	-
Heterosexual contact	-	-	3	75%	411	88%	12	71%	108	61%	18	82%	-	-
Other/unknown	-	-	1	25%	26	6%	3	18%	16	9%	-	-	1	100%
Subtotal	-	-	4	100%	465	100%	17	100%	178	100%	22	100%	1	100%
Child (<13 yrs at diagnosis)														
Perinatal	-	-	-	-	21	91%	-	-	4	67%	1	100%	-	-
Other/unknown	-	-	-	-	2	9%	-	-	2	33%	-	-	-	-
Subtotal	-	-	-	-	23	100%	-	-	6	100%	1	100%	-	-
Total	1		24		1,882		97		1,091		110		8	

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and exposure category, Hamilton County

Living with diagnosed HIV infection in 2018

Exposure Category ^a	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx ^a		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	1	100%	15	63%	847	45%	49	51%	672	62%	58	53%	-	-
Injection drug use (IDU) only	-	-	-	-	37	2%	5	5%	54	5%	5	5%	-	-
Heterosexual contact only	-	-	4	17%	516	27%	18	19%	113	10%	19	17%	-	-
Male-to-male sexual contact & IDU	-	-	1	4%	36	2%	2	2%	52	5%	1	1%	-	-
IDU & Heterosexual contact	-	-	-	-	36	2%	3	3%	58	5%	5	5%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	62	3%	6	6%	19	2%	7	6%	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	12	1%	-	-	7	1%	1	1%	-	-
Perinatal exposure	-	-	-	-	22	1%	-	-	4	0%	1	1%	-	-
Other/unknown	-	-	4	17%	314	17%	14	14%	112	10%	13	12%	8	100%
Total	1		24		1,882		97		1,091		110		8	

Notes:

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.

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

^a 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.

^b The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^c Transmission 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.

^d Exposure 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.

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and selected characteristics, Hamilton County, 2014-2018

Characteristic	Living with Diagnosed HIV Infection														
	2014			2015			2016			2017			2018		
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%
Sex at birth															
Males	566.8	2,200	79%	585.7	2,276	79%	607.0	2,368	78%	634.5	2,492	78%	636.0	2,509	78%
Females	142.2	595	21%	147.3	617	21%	155.1	650	22%	165.1	695	22%	166.8	704	22%
Age at end of year															
<13	3.7	5	<1%	4.4	6	<1%	5.1	7	<1%	4.4	6	<1%	5.8	8	<1%
13-14	*	-	-	*	1	<1%	*	2	<1%	*	3	<1%	*	1	<1%
15-19	53.3	28	1%	49.2	26	1%	30.3	16	1%	39.6	21	1%	48.7	26	1%
20-24	287.3	161	6%	287.0	156	5%	274.7	147	5%	272.8	146	5%	246.1	130	4%
25-29	465.1	292	10%	477.2	305	11%	524.6	340	11%	559.3	366	11%	528.8	347	11%
30-34	388.8	214	8%	465.4	259	9%	512.3	292	10%	585.0	339	11%	657.5	390	12%
35-39	557.9	262	9%	512.4	248	9%	506.8	252	8%	527.2	270	8%	552.8	291	9%
40-44	582.9	275	10%	582.4	267	9%	629.4	279	9%	673.1	295	9%	619.8	276	9%
45-49	845.8	429	15%	832.1	413	14%	764.4	375	12%	758.7	369	12%	675.3	320	10%
50-54	850.5	491	18%	872.8	492	17%	942.8	510	17%	937.8	490	15%	934.9	469	15%
55-64	488.6	519	19%	535.3	576	20%	586.7	634	21%	628.5	683	21%	681.1	738	23%
65+	104.1	119	4%	124.1	144	5%	138.3	164	5%	162.7	199	6%	173.3	217	7%
Race/Ethnicity^b															
American Indian/Alaska Native	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander	78.0	15	1%	74.2	15	1%	85.1	18	1%	88.8	20	1%	100.8	24	1%
Black/African-American	782.4	1,628	58%	816.4	1,707	59%	843.8	1,781	59%	877.7	1,870	59%	879.1	1,882	59%
Hispanic/Latinx	320.2	75	3%	313.8	76	3%	316.6	79	3%	341.5	91	3%	344.3	97	3%
White	185.3	997	36%	187.9	1,007	35%	196.3	1,046	35%	204.8	1,090	34%	205.6	1,091	34%
Multi-Race	426.2	71	3%	460.2	79	3%	475.4	85	3%	587.2	107	3%	585.8	110	3%
Unknown	*	8	<1%	*	8	<1%	*	8	<1%	*	8	<1%	*	8	<1%
Race/Ethnicity^b and Sex at birth															
American Indian/Alaska Native Males	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Asian/Pacific Islander Males	147.6	14	1%	140.5	14	<1%	154.8	16	1%	154.6	17	1%	170.5	20	1%
Asian/Pacific Islander Females	*	1	<1%	*	1	<1%	*	2	<1%	*	3	<1%	*	4	<1%
Black/African-American Males	1,267.9	1,210	43%	1,326.7	1,271	44%	1,368.9	1,328	44%	1,421.2	1,394	44%	1,421.5	1,405	44%
Black/African-American Females	371.1	418	15%	384.9	436	15%	397.2	453	15%	414.0	476	15%	413.9	477	15%
Hispanic/Latino Males	502.9	61	2%	500.4	62	2%	505.1	65	2%	540.0	75	2%	553.3	80	2%
Hispanic/Latina Females	123.9	14	1%	118.4	14	<1%	115.9	14	<1%	125.4	16	1%	123.9	17	1%
White Males	324.9	853	31%	329.9	863	30%	340.7	888	29%	350.3	912	29%	349.9	909	28%
White Females	52.3	144	5%	52.5	144	5%	58.0	158	5%	65.5	178	6%	67.2	182	6%
Multi-Race Males	670.6	54	2%	698.5	58	2%	722.6	63	2%	972.0	86	3%	954.8	87	3%
Multi-Race Females	197.6	17	1%	236.9	21	1%	240.2	22	1%	224.0	21	1%	237.9	23	1%
Unknown	*	8	<1%	*	8	<1%	*	8	<1%	*	8	<1%	*	8	<1%
Total	346.5	2,795		358.2	2,893		373.0	3,018		391.6	3,187		393.4	3,213	

Notes:

Living with diagnosed HIV infection by year (2014-2018) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

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

^a The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^b 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.

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

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and transmission category, Hamilton County, 2014-2018

Living with Diagnosed HIV Infection										
Transmission Category ^a	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent										
Male-to-male sexual contact	1,555	71%	1,610	71%	1,652	70%	1,741	70%	1,736	70%
Injection drug use (IDU)	76	3%	76	3%	85	4%	100	4%	115	5%
Male-to-male sexual contact and IDU	113	5%	109	5%	124	5%	125	5%	112	4%
Heterosexual contact	107	5%	115	5%	116	5%	117	5%	118	5%
Other/unknown	337	15%	354	16%	380	16%	398	16%	415	17%
Subtotal	2,188	100%	2,264	100%	2,357	100%	2,481	100%	2,496	100%
Female adult or adolescent										
Injection drug use	72	12%	75	12%	79	12%	86	13%	88	13%
Heterosexual contact	467	80%	487	81%	511	80%	547	81%	552	80%
Other/unknown	44	8%	42	7%	45	7%	46	7%	47	7%
Subtotal	583	100%	604	100%	635	100%	679	100%	687	100%
Child (<13 yrs at diagnosis)										
Perinatal	19	79%	21	84%	23	88%	24	89%	26	87%
Other/unknown	5	21%	4	16%	3	12%	3	11%	4	13%
Subtotal	24	100%	25	100%	26	100%	27	100%	30	100%
Total	2,795		2,893		3,018		3,187		3,213	

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Hamilton County, 2014-2018

Living with Diagnosed HIV Infection										
Exposure Category ^b	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	1,455	52%	1,516	52%	1,554	51%	1,642	52%	1,642	51%
Injection drug use (IDU) only	76	3%	74	3%	81	3%	86	3%	101	3%
Heterosexual contact only	574	21%	602	21%	627	21%	664	21%	670	21%
Male-to-male sexual contact & IDU	93	3%	87	3%	98	3%	97	3%	92	3%
IDU & Heterosexual contact	72	3%	77	3%	83	3%	100	3%	102	3%
Male-to-male sexual contact & Heterosexual contact	100	4%	94	3%	98	3%	99	3%	94	3%
Male-to-male sexual contact & IDU & Heterosexual contact	20	1%	22	1%	26	1%	28	1%	20	1%
Perinatal exposure	21	1%	23	1%	26	1%	26	1%	27	1%
Other/unknown	384	14%	398	14%	425	14%	445	14%	465	14%
Total	2,795		2,893		3,018		3,187		3,213	

Notes:

Living with diagnosed HIV infection by year (2014-2018) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

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

^a Transmission 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.

^b Exposure 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.