

HIV SURVEILLANCE MID-YEAR REPORT, 2018

HIV EPIDEMIOLOGY AND FIELD SERVICES PROGRAM

New York City Department of Health and Mental Hygiene, Published July 2019



This report provides an overview of the HIV epidemic in New York City (NYC) using HIV surveillance data for the period January 1 through June 30, 2018. Data are based on information received by the NYC Department of Health and Mental Hygiene (DOHMH) as of September 30, 2018. These data represent a mid-year “snapshot” of select statistics related to HIV in NYC. Caution is encouraged when extrapolating to project full-year data as full-year data published in December each year represent additional data collection and investigation efforts by the DOHMH HIV Surveillance Unit.

DEMOGRAPHIC AND CLINICAL CHARACTERISTICS



HIV/AIDS diagnoses and deaths occurring January 1, 2018 through June 30, 2018; and people diagnosed with HIV, reported in New York City, and presumed to be living as of June 30, 2018¹

	HIV diagnoses ²							AIDS diagnoses ⁴		PLWH as of 6/30/2018		Deaths ⁵	
	Total		Without AIDS		Concurrent with AIDS diagnosis ³			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	984	100.0	777	100.0	207	100.0	21.0	632	100.0	126,547	100.0	672	100.0
Gender													
Men	758	77.0	592	76.2	166	80.2	21.9	443	70.1	91,687	72.5	467	69.5
Women	202	20.5	163	21.0	39	18.8	19.3	179	28.3	33,362	26.4	197	29.3
Transgender	24	2.4	22	2.8	2	1.0	8.3	10	1.6	1,498	1.2	8	1.2
Race/Ethnicity⁶													
Black	457	46.4	359	46.2	98	47.3	21.4	322	50.9	55,065	43.5	350	52.1
Latino/Hispanic	356	36.2	290	37.3	66	31.9	18.5	211	33.4	41,609	32.9	239	35.6
White	116	11.8	92	11.8	24	11.6	20.7	68	10.8	25,990	20.5	74	11.0
Asian/Pacific Islander	47	4.8	29	3.7	18	8.7	38.3	28	4.4	2,932	2.3	4	0.6
Native American	1	0.1	0	0.0	1	0.5	100.0	3	0.5	298	0.2	3	0.4
Multiracial	7	0.7	7	0.9	0	0.0	0.0	0	0.0	335	0.3	2	0.3
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	318	0.3	0	0.0
Age group (years)⁷													
0-12	2	0.2	0	0.0	2	1.0	100.0	2	0.3	77	0.1	0	0.0
13-19	26	2.6	21	2.7	5	2.4	19.2	10	1.6	399	0.3	0	0.0
20-29	329	33.4	296	38.1	33	15.9	10.0	86	13.6	9,112	7.2	16	2.4
30-39	262	26.6	210	27.0	52	25.1	19.8	168	26.6	19,330	15.3	34	5.1
40-49	156	15.9	109	14.0	47	22.7	30.1	122	19.3	25,372	20.0	88	13.1
50-59	146	14.8	99	12.7	47	22.7	32.2	159	25.2	40,889	32.3	240	35.7
60+	63	6.4	42	5.4	21	10.1	33.3	85	13.4	31,368	24.8	294	43.8
Borough of residence⁸													
Bronx	217	22.1	178	22.9	39	18.8	18.0	168	26.6	30,545	24.1	247	36.8
Brooklyn	293	29.8	227	29.2	66	31.9	22.5	159	25.2	30,320	24.0	195	29.0
Manhattan	184	18.7	146	18.8	38	18.4	20.7	122	19.3	32,782	25.9	122	18.2
Queens	184	18.7	138	17.8	46	22.2	25.0	107	16.9	18,593	14.7	48	7.1
Staten Island	18	1.8	15	1.9	3	1.4	16.7	12	1.9	2,478	2.0	10	1.5
Outside NYC	80	8.1	65	8.4	15	7.2	18.8	59	9.3	11,627	9.2	27	4.0
Unknown	8	0.8	8	1.0	0	0.0	0.0	5	0.8	202	0.2	23	3.4
Area-based poverty level⁹													
Low poverty (<10% below FPL)	62	6.3	48	6.2	14	6.8	22.6	41	6.5	12,112	9.6	32	4.8
Medium poverty (10 to <20% below FPL)	318	32.3	253	32.6	65	31.4	20.4	177	28.0	37,885	29.9	144	21.4
High poverty (20 to <30% below FPL)	256	26.0	193	24.8	63	30.4	24.6	161	25.5	29,824	23.6	150	22.3
Very high poverty (≥30% below FPL)	259	26.3	209	26.9	50	24.2	19.3	187	29.6	33,513	26.5	295	43.9
Area-based poverty level not available	89	9.0	74	9.5	15	7.2	16.9	66	10.4	13,213	10.4	51	7.6
Transmission risk¹⁰													
Men who have sex with men (MSM)	522	53.0	422	54.3	100	48.3	19.2	256	40.5	52,444	41.4	134	19.9
Injection drug use history (IDU)	15	1.5	10	1.3	5	2.4	33.3	46	7.3	15,012	11.9	199	29.6
MSM-IDU	19	1.9	18	2.3	1	0.5	5.3	15	2.4	3,132	2.5	32	4.8
Heterosexual contact	187	19.0	149	19.2	38	18.4	20.3	140	22.2	24,849	19.6	130	19.3
Transgender people with sexual contact	22	2.2	21	2.7	1	0.5	4.5	8	1.3	1,288	1.0	4	0.6
Perinatal	1	0.1	0	0.0	1	0.5	100.0	9	1.4	2,528	2.0	6	0.9
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	191	0.2	1	0.1
Unknown	218	22.2	157	20.2	61	29.5	28.0	158	25.0	27,103	21.4	166	24.7

PLWH=People living with HIV; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. ¹For events reported by September 30, 2018. ²Excludes people known to have been diagnosed outside of NYC. ³HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. ⁴AIDS was diagnosed in first half of 2018 and includes concurrent HIV/AIDS diagnosis. ⁵Includes deaths from any cause in people with HIV. Death data for 2018 are incomplete. ⁶See http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf for technical notes on race/ethnicity. ⁷For HIV and AIDS diagnoses, age at diagnosis; for PLWH, age as of June 30, 2018; and for deaths, age at death. ⁸For HIV and AIDS diagnoses, residence at diagnosis. For PLWH and deaths, residence based on most recent record available. ⁹Area-based poverty based on NYC ZIP code of residence at diagnosis or most recent (see footnote 8) and defined as percent of population in a given ZIP code whose household income is below the Federal Poverty Level, with income data from the American Community Survey. Not available for people missing ZIP code information or living outside NYC. ¹⁰"Heterosexual contact" includes people who had heterosexual sex with a person they know to be living with HIV, a person who has injected drugs, or a person who has received blood products. For women only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual man, probable heterosexual transmission as noted in medical chart, or sex with a man and negative history of injection drug use. "Transgender people with sexual contact" includes people identified as transgender by self-report, diagnosing provider, or medical chart review with sexual contact reported and negative history of injection drug use. "Other" includes people who received treatment for hemophilia, people who received a transfusion or transplant, and children with a non-perinatal transmission risk.

HIV AMONG MEN



HIV/AIDS diagnoses and deaths among men¹, January 1, 2018 through June 30, 2018; and men diagnosed with HIV, reported in New York City, and presumed to be living as of June 30, 2018²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWH as of 6/30/2018		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	760	100.0	594	100.0	166	100.0	21.8	443	100.0	91,708	100.0	467	100.0
Race/Ethnicity⁷													
Black	311	40.9	242	40.7	69	41.6	22.2	203	45.8	34,871	38.0	231	49.5
Latino/Hispanic	296	38.9	238	40.1	58	34.9	19.6	153	34.5	30,211	32.9	171	36.6
White	104	13.7	83	14.0	21	12.7	20.2	60	13.5	23,453	25.6	58	12.4
Asian/Pacific Islander	43	5.7	26	4.4	17	10.2	39.5	24	5.4	2,446	2.7	3	0.6
Native American	1	0.1	0	0.0	1	0.6	100.0	3	0.7	223	0.2	2	0.4
Multiracial	5	0.7	5	0.8	0	0.0	0.0	0	0.0	263	0.3	2	0.4
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	241	0.3	0	0.0
Age group (years)⁸													
0-12	1	0.1	0	0.0	1	0.6	100.0	1	0.2	42	0.0	0	0.0
13-19	21	2.8	16	2.7	5	3.0	23.8	7	1.6	220	0.2	0	0.0
20-29	277	36.4	246	41.4	31	18.7	11.2	69	15.6	6,970	7.6	14	3.0
30-39	208	27.4	166	27.9	42	25.3	20.2	123	27.8	15,058	16.4	18	3.9
40-49	107	14.1	71	12.0	36	21.7	33.6	83	18.7	17,900	19.5	53	11.3
50-59	107	14.1	69	11.6	38	22.9	35.5	102	23.0	28,890	31.5	160	34.3
60+	39	5.1	26	4.4	13	7.8	33.3	58	13.1	22,628	24.7	222	47.5
Borough of residence⁹													
Bronx	160	21.1	128	21.5	32	19.3	20.0	105	23.7	19,096	20.8	169	36.2
Brooklyn	216	28.4	164	27.6	52	31.3	24.1	113	25.5	20,220	22.0	121	25.9
Manhattan	148	19.5	115	19.4	33	19.9	22.3	98	22.1	27,583	30.1	96	20.6
Queens	155	20.4	117	19.7	38	22.9	24.5	79	17.8	13,689	14.9	36	7.7
Staten Island	12	1.6	10	1.7	2	1.2	16.7	8	1.8	1,604	1.7	7	1.5
Outside NYC	63	8.3	54	9.1	9	5.4	14.3	37	8.4	9,358	10.2	22	4.7
Unknown	6	0.8	6	1.0	0	0.0	0.0	3	0.7	158	0.2	16	3.4
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	43	5.7	34	5.7	9	5.4	20.9	29	6.5	10,193	11.1	27	5.8
Medium poverty (10 to <20% below FPL)	252	33.2	200	33.7	52	31.3	20.6	124	28.0	28,272	30.8	99	21.2
High poverty (20 to <30% below FPL)	201	26.4	147	24.7	54	32.5	26.9	130	29.3	20,986	22.9	108	23.1
Very high poverty (≥30% below FPL)	194	25.5	152	25.6	42	25.3	21.6	118	26.6	21,651	23.6	194	41.5
Area-based poverty level not available	70	9.2	61	10.3	9	5.4	12.9	42	9.5	10,606	11.6	39	8.4
Transmission risk¹¹													
Men who have sex with men (MSM)	522	68.7	422	71.0	100	60.2	19.2	256	57.8	52,444	57.2	134	28.7
Injection drug use history (IDU)	9	1.2	6	1.0	3	1.8	33.3	24	5.4	9,777	10.7	138	29.6
MSM-IDU	19	2.5	18	3.0	1	0.6	5.3	15	3.4	3,132	3.4	32	6.9
Heterosexual contact	30	3.9	19	3.2	11	6.6	36.7	28	6.3	6,070	6.6	42	9.0
Transgender people with sexual contact	1	0.1	1	0.2	0	0.0	0.0	0	0.0	13	0.0	0	0.0
Perinatal	1	0.1	0	0.0	1	0.6	100.0	3	0.7	1,236	1.3	5	1.1
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	103	0.1	0	0.0
Unknown	178	23.4	128	21.5	50	30.1	28.1	117	26.4	18,933	20.6	116	24.8

PLWH=People living with HIV; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. ¹Includes transgender men. ²For events reported by September 30, 2018. ³Excludes people known to have been diagnosed outside of NYC. ⁴HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. ⁵AIDS was diagnosed in first half of 2018 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV. Death data for 2018 are incomplete. ⁷For technical notes on race/ethnicity: http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf. ⁸For HIV and AIDS diagnoses, age at diagnosis; for PLWH, age as of June 30, 2018; and for deaths, age at death. ⁹For HIV and AIDS diagnoses, residence at diagnosis. For PLWH and deaths, residence based on most recent record available. ¹⁰Area-based poverty based on NYC ZIP code of residence at diagnosis or most recent (see footnote 9) and defined as percent of population in a given ZIP code whose household income is below the Federal Poverty Level, with income data from the American Community Survey. Not available for people missing ZIP code information or living outside NYC. ¹¹"Heterosexual contact" includes people who had heterosexual sex with a person they know to be living with HIV, a person who has injected drugs, or a person who has received blood products. For women only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual man, probable heterosexual transmission as noted in medical chart, or sex with a man and negative history of injection drug use. "Transgender people with sexual contact" includes people identified as transgender by self-report, diagnosing provider, or medical chart review with sexual contact reported and negative history of injection drug use. "Other" includes people who received treatment for hemophilia, people who received a transfusion or transplant, and children with a non-perinatal transmission risk.

HIV AMONG WOMEN



HIV/AIDS diagnoses and deaths among women¹, January 1, 2018 through June 30, 2018; and women diagnosed with HIV, reported in New York City, and presumed to be living as of June 30, 2018²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWH as of 6/30/2018		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	224	100.0	183	100.0	41	100.0	18.3	189	100.0	34,839	100.0	205	100.0
Race/Ethnicity⁷													
Black	146	65.2	117	63.9	29	70.7	19.9	119	63.0	20,194	58.0	119	58.0
Latino/Hispanic	60	26.8	52	28.4	8	19.5	13.3	58	30.7	11,398	32.7	68	33.2
White	12	5.4	9	4.9	3	7.3	25.0	8	4.2	2,537	7.3	16	7.8
Asian/Pacific Islander	4	1.8	3	1.6	1	2.4	25.0	4	2.1	486	1.4	1	0.5
Native American	0	0.0	0	0.0	0	0.0	0.0	0	0.0	75	0.2	1	0.5
Multiracial	2	0.9	2	1.1	0	0.0	0.0	0	0.0	72	0.2	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	77	0.2	0	0.0
Age group (years)⁸													
0-12	1	0.4	0	0.0	1	2.4	100.0	1	0.5	35	0.1	0	0.0
13-19	5	2.2	5	2.7	0	0.0	0.0	3	1.6	179	0.5	0	0.0
20-29	52	23.2	50	27.3	2	4.9	3.8	17	9.0	2,142	6.1	2	1.0
30-39	54	24.1	44	24.0	10	24.4	18.5	45	23.8	4,272	12.3	16	7.8
40-49	49	21.9	38	20.8	11	26.8	22.4	39	20.6	7,472	21.4	35	17.1
50-59	39	17.4	30	16.4	9	22.0	23.1	57	30.2	11,999	34.4	80	39.0
60+	24	10.7	16	8.7	8	19.5	33.3	27	14.3	8,740	25.1	72	35.1
Borough of residence⁹													
Bronx	57	25.4	50	27.3	7	17.1	12.3	63	33.3	11,449	32.9	78	38.0
Brooklyn	77	34.4	63	34.4	14	34.1	18.2	46	24.3	10,100	29.0	74	36.1
Manhattan	36	16.1	31	16.9	5	12.2	13.9	24	12.7	5,199	14.9	26	12.7
Queens	29	12.9	21	11.5	8	19.5	27.6	28	14.8	4,904	14.1	12	5.9
Staten Island	6	2.7	5	2.7	1	2.4	16.7	4	2.1	874	2.5	3	1.5
Outside NYC	17	7.6	11	6.0	6	14.6	35.3	22	11.6	2,269	6.5	5	2.4
Unknown	2	0.9	2	1.1	0	0.0	0.0	2	1.1	44	0.1	7	3.4
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	19	8.5	14	7.7	5	12.2	26.3	12	6.3	1,919	5.5	5	2.4
Medium poverty (10 to <20% below FPL)	66	29.5	53	29.0	13	31.7	19.7	53	28.0	9,613	27.6	45	22.0
High poverty (20 to <30% below FPL)	55	24.6	46	25.1	9	22.0	16.4	31	16.4	8,838	25.4	42	20.5
Very high poverty (≥30% below FPL)	65	29.0	57	31.1	8	19.5	12.3	69	36.5	11,862	34.0	101	49.3
Area-based poverty level not available	19	8.5	13	7.1	6	14.6	31.6	24	12.7	2,607	7.5	12	5.9
Transmission risk¹¹													
Injection drug use history (IDU)	6	2.7	4	2.2	2	4.9	33.3	22	11.6	5,235	15.0	61	29.8
Heterosexual contact	157	70.1	130	71.0	27	65.9	17.2	112	59.3	18,779	53.9	88	42.9
Transgender people with sexual contact	21	9.4	20	10.9	1	2.4	4.8	8	4.2	1,275	3.7	4	2.0
Perinatal	0	0.0	0	0.0	0	0.0	0.0	6	3.2	1,292	3.7	1	0.5
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	88	0.3	1	0.5
Unknown	40	17.9	29	15.8	11	26.8	27.5	41	21.7	8,170	23.5	50	24.4

PLWH=People living with HIV; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. ¹Includes transgender women. ²For events reported by September 30, 2018. ³Excludes people known to have been diagnosed outside of NYC. ⁴HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. ⁵AIDS was diagnosed in first half of 2018 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV. Death data for 2018 are incomplete. ⁷For technical notes on race/ethnicity: http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf. ⁸For HIV and AIDS diagnoses, age at diagnosis; for PLWH, age as of June 30, 2018; and for deaths, age at death. ⁹For HIV and AIDS diagnoses, residence at diagnosis. For PLWH and deaths, residence based on most recent record available. ¹⁰Area-based poverty based on NYC ZIP code of residence at diagnosis or most recent (see footnote 9) and defined as percent of population in a given ZIP code whose household income is below the Federal Poverty Level, with income data from the American Community Survey. Not available for people missing ZIP code information or living outside NYC. ¹¹"Heterosexual contact" includes people who had heterosexual sex with a person they know to be living with HIV, a person who has injected drugs, or a person who has received blood products. For women only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual man, probable heterosexual transmission as noted in medical chart, or sex with a man and negative history of injection drug use. "Transgender people with sexual contact" includes people identified as transgender by self-report, diagnosing provider, or medical chart review with sexual contact reported and negative history of injection drug use. "Other" includes people who received treatment for hemophilia, people who received a transfusion or transplant, and children with a non-perinatal transmission risk.