

HIV SURVEILLANCE MID-YEAR REPORT, 2017

HIV EPIDEMIOLOGY AND FIELD SERVICES PROGRAM

New York City Department of Health and Mental Hygiene, Published April 2018



HIV/AIDS diagnoses and deaths occurring January 1, 2017 through June 30, 2017; and people diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2017¹

	HIV diagnoses ²							AIDS diagnoses ⁴		PLWHA as of 6/30/2017		Deaths ⁵	
	Total		Without AIDS		Concurrent with AIDS diagnosis ³			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	1,165	100.0	968	100.0	197	100.0	16.9	606	100.0	124,803	100.0	675	100.0
Gender													
Male	930	79.8	780	80.6	150	76.1	16.1	443	73.1	90,227	72.3	473	70.1
Female	209	17.9	165	17.0	44	22.3	21.1	153	25.2	33,282	26.7	193	28.6
Transgender	26	2.2	23	2.4	3	1.5	11.5	10	1.7	1,294	1.0	9	1.3
Race/Ethnicity⁶													
Black	491	42.1	389	40.2	102	51.8	20.8	308	50.8	54,543	43.7	352	52.1
Latino/Hispanic	411	35.3	359	37.1	52	26.4	12.7	172	28.4	40,753	32.7	233	34.5
White	179	15.4	152	15.7	27	13.7	15.1	90	14.9	25,802	20.7	78	11.6
Asian/Pacific Islander	71	6.1	58	6.0	13	6.6	18.3	30	5.0	2,779	2.2	5	0.7
Native American	5	0.4	3	0.3	2	1.0	40.0	2	0.3	286	0.2	5	0.7
Multiracial	8	0.7	7	0.7	1	0.5	12.5	3	0.5	295	0.2	2	0.3
Unknown	0	0.0	0	0.0	0	0.0	0.0	1	0.2	345	0.3	0	0.0
Age group (years)⁷													
0-12	2	0.2	2	0.2	0	0.0	0.0	0	0.0	90	0.1	0	0.0
13-19	38	3.3	38	3.9	0	0.0	0.0	5	0.8	480	0.4	0	0.0
20-29	424	36.4	383	39.6	41	20.8	9.7	111	18.3	9,440	7.6	15	2.2
30-39	314	27.0	259	26.8	55	27.9	17.5	166	27.4	18,665	15.0	42	6.2
40-49	178	15.3	136	14.0	42	21.3	23.6	116	19.1	26,732	21.4	91	13.5
50-59	138	11.8	97	10.0	41	20.8	29.7	136	22.4	40,747	32.6	236	35.0
60+	71	6.1	53	5.5	18	9.1	25.4	72	11.9	28,649	23.0	291	43.1
Borough of residence⁸													
Bronx	241	20.7	197	20.4	44	22.3	18.3	138	22.8	30,070	24.1	223	33.0
Brooklyn	341	29.3	274	28.3	67	34.0	19.6	173	28.5	29,964	24.0	196	29.0
Manhattan	230	19.7	197	20.4	33	16.8	14.3	114	18.8	32,572	26.1	140	20.7
Queens	229	19.7	194	20.0	35	17.8	15.3	95	15.7	18,399	14.7	64	9.5
Staten Island	20	1.7	16	1.7	4	2.0	20.0	12	2.0	2,436	2.0	17	2.5
Outside NYC	96	8.2	82	8.5	14	7.1	14.6	66	10.9	11,181	9.0	28	4.1
Unknown	8	0.7	8	0.8	0	0.0	0.0	8	1.3	181	0.1	7	1.0
Area-based poverty level⁹													
Low poverty (<10% below FPL)	93	8.0	81	8.4	12	6.1	12.9	47	7.8	13,022	10.4	55	8.1
Medium poverty (10 to <20% below FPL)	327	28.1	266	27.5	61	31.0	18.7	166	27.4	34,653	27.8	129	19.1
High poverty (20 to <30% below FPL)	282	24.2	243	25.1	39	19.8	13.8	125	20.6	26,008	20.8	172	25.5
Very high poverty (≥30% below FPL)	358	30.7	287	29.6	71	36.0	19.8	192	31.7	38,355	30.7	284	42.1
Area-based poverty level not available	105	9.0	91	9.4	14	7.1	13.3	76	12.5	12,765	10.2	35	5.2
Transmission risk¹⁰													
Men who have sex with men (MSM)	681	58.5	587	60.6	94	47.7	13.8	250	41.3	50,429	40.4	152	22.5
Injection drug use history (IDU)	20	1.7	17	1.8	3	1.5	15.0	35	5.8	15,418	12.4	183	27.1
MSM-IDU	12	1.0	12	1.2	0	0.0	0.0	12	2.0	2,848	2.3	26	3.9
Heterosexual contact	189	16.2	149	15.4	40	20.3	21.2	117	19.3	24,559	19.7	131	19.4
Transgender people with sexual contact	24	2.1	21	2.2	3	1.5	12.5	9	1.5	1,107	0.9	4	0.6
Perinatal	2	0.2	2	0.2	0	0.0	0.0	10	1.7	2,512	2.0	8	1.2
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	198	0.2	1	0.1
Unknown	237	20.3	180	18.6	57	28.9	24.1	173	28.5	27,732	22.2	170	25.2

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. ¹For events reported by September 30, 2017. 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 2017 and includes concurrent HIV/AIDS diagnosis. ⁵Includes deaths from any cause in people with HIV/AIDS. Death data for 2017 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 PLWHA, age as of June 30, 2017; and for deaths, age at death. ⁸For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA 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. ¹⁰Heterosexual contact¹⁰ includes people who had heterosexual sex with a person they know to be HIV-infected, an injection drug user, or a person who has received blood products. For females only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual male, probable heterosexual transmission as noted in medical chart, or sex with a male 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 MALES



HIV/AIDS diagnoses and deaths among males¹, January 1, 2017 through June 30, 2017; and males diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2017²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWHA as of 6/30/2017		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	930	100.0	780	100.0	150	100.0	16.1	443	100.0	90,242	100.0	473	100.0
Race/Ethnicity⁷													
Black	360	38.7	293	37.6	67	44.7	18.6	205	46.3	34,496	38.2	230	48.6
Latino/Hispanic	343	36.9	298	38.2	45	30.0	13.1	130	29.3	29,474	32.7	161	34.0
White	158	17.0	134	17.2	24	16.0	15.2	77	17.4	23,255	25.8	72	15.2
Asian/Pacific Islander	60	6.5	48	6.2	12	8.0	20.0	27	6.1	2,308	2.6	5	1.1
Native American	3	0.3	2	0.3	1	0.7	33.3	1	0.2	210	0.2	3	0.6
Multiracial	6	0.6	5	0.6	1	0.7	16.7	3	0.7	234	0.3	2	0.4
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	265	0.3	0	0.0
Age group (years)⁸													
0-12	1	0.1	1	0.1	0	0.0	0.0	0	0.0	48	0.1	0	0.0
13-19	32	3.4	32	4.1	0	0.0	0.0	2	0.5	261	0.3	0	0.0
20-29	378	40.6	340	43.6	38	25.3	10.1	93	21.0	7,223	8.0	14	3.0
30-39	256	27.5	215	27.6	41	27.3	16.0	125	28.2	14,327	15.9	29	6.1
40-49	133	14.3	101	12.9	32	21.3	24.1	84	19.0	18,840	20.9	64	13.5
50-59	88	9.5	62	7.9	26	17.3	29.5	86	19.4	28,784	31.9	150	31.7
60+	42	4.5	29	3.7	13	8.7	31.0	53	12.0	20,759	23.0	216	45.7
Borough of residence⁹													
Bronx	176	18.9	146	18.7	30	20.0	17.0	96	21.7	18,756	20.8	153	32.3
Brooklyn	265	28.5	216	27.7	49	32.7	18.5	115	26.0	19,865	22.0	130	27.5
Manhattan	200	21.5	173	22.2	27	18.0	13.5	92	20.8	27,356	30.3	107	22.6
Queens	181	19.5	152	19.5	29	19.3	16.0	76	17.2	13,521	15.0	45	9.5
Staten Island	17	1.8	14	1.8	3	2.0	17.6	9	2.0	1,594	1.8	13	2.7
Outside NYC	86	9.2	74	9.5	12	8.0	14.0	48	10.8	9,005	10.0	18	3.8
Unknown	5	0.5	5	0.6	0	0.0	0.0	7	1.6	145	0.2	7	1.5
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	74	8.0	66	8.5	8	5.3	10.8	37	8.4	10,763	11.9	44	9.3
Medium poverty (10 to <20% below FPL)	258	27.7	214	27.4	44	29.3	17.1	122	27.5	25,925	28.7	98	20.7
High poverty (20 to <30% below FPL)	228	24.5	198	25.4	30	20.0	13.2	92	20.8	18,696	20.7	120	25.4
Very high poverty (≥30% below FPL)	278	29.9	222	28.5	56	37.3	20.1	135	30.5	24,598	27.3	186	39.3
Area-based poverty level not available	92	9.9	80	10.3	12	8.0	13.0	57	12.9	10,260	11.4	25	5.3
Transmission risk¹¹													
Men who have sex with men (MSM)	681	73.2	587	75.3	94	62.7	13.8	250	56.4	50,429	55.9	152	32.1
Injection drug use history (IDU)	14	1.5	11	1.4	3	2.0	21.4	27	6.1	10,084	11.2	119	25.2
MSM-IDU	12	1.3	12	1.5	0	0.0	0.0	12	2.7	2,848	3.2	26	5.5
Heterosexual contact	39	4.2	27	3.5	12	8.0	30.8	25	5.6	6,105	6.8	39	8.2
Transgender people with sexual contact	0	0.0	0	0.0	0	0.0	0.0	0	0.0	11	0.0	0	0.0
Perinatal	1	0.1	1	0.1	0	0.0	0.0	5	1.1	1,221	1.4	5	1.1
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	107	0.1	1	0.2
Unknown	183	19.7	142	18.2	41	27.3	22.4	124	28.0	19,437	21.5	131	27.7

PLWHA=People living with HIV/AIDS; 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, 2017. 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 2017 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV/AIDS. Death data for 2017 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 PLWHA, age as of June 30, 2017; and for deaths, age at death. ⁹For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA 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 HIV-infected, an injection drug user, or a person who has received blood products. For females only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual male, probable heterosexual transmission as noted in medical chart, or sex with a male 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 FEMALES



HIV/AIDS diagnoses and deaths among females¹, January 1, 2017 through June 30, 2017; and females diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2017²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWHA as of 6/30/2017		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	235	100.0	188	100.0	47	100.0	20.0	163	100.0	34,561	100.0	202	100.0
Race/Ethnicity⁷													
Black	131	55.7	96	51.1	35	74.5	26.7	103	63.2	20,047	58.0	122	60.4
Latino/Hispanic	68	28.9	61	32.4	7	14.9	10.3	42	25.8	11,279	32.6	72	35.6
White	21	8.9	18	9.6	3	6.4	14.3	13	8.0	2,547	7.4	6	3.0
Asian/Pacific Islander	11	4.7	10	5.3	1	2.1	9.1	3	1.8	471	1.4	0	0.0
Native American	2	0.9	1	0.5	1	2.1	50.0	1	0.6	76	0.2	2	1.0
Multiracial	2	0.9	2	1.1	0	0.0	0.0	0	0.0	61	0.2	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	1	0.6	80	0.2	0	0.0
Age group (years)⁸													
0-12	1	0.4	1	0.5	0	0.0	0.0	0	0.0	42	0.1	0	0.0
13-19	6	2.6	6	3.2	0	0.0	0.0	3	1.8	219	0.6	0	0.0
20-29	46	19.6	43	22.9	3	6.4	6.5	18	11.0	2,217	6.4	1	0.5
30-39	58	24.7	44	23.4	14	29.8	24.1	41	25.2	4,338	12.6	13	6.4
40-49	45	19.1	35	18.6	10	21.3	22.2	32	19.6	7,892	22.8	27	13.4
50-59	50	21.3	35	18.6	15	31.9	30.0	50	30.7	11,963	34.6	86	42.6
60+	29	12.3	24	12.8	5	10.6	17.2	19	11.7	7,890	22.8	75	37.1
Borough of residence⁹													
Bronx	65	27.7	51	27.1	14	29.8	21.5	42	25.8	11,314	32.7	70	34.7
Brooklyn	76	32.3	58	30.9	18	38.3	23.7	58	35.6	10,099	29.2	66	32.7
Manhattan	30	12.8	24	12.8	6	12.8	20.0	22	13.5	5,216	15.1	33	16.3
Queens	48	20.4	42	22.3	6	12.8	12.5	19	11.7	4,878	14.1	19	9.4
Staten Island	3	1.3	2	1.1	1	2.1	33.3	3	1.8	842	2.4	4	2.0
Outside NYC	10	4.3	8	4.3	2	4.3	20.0	18	11.0	2,176	6.3	10	5.0
Unknown	3	1.3	3	1.6	0	0.0	0.0	1	0.6	36	0.1	0	0.0
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	19	8.1	15	8.0	4	8.5	21.1	10	6.1	2,259	6.5	11	5.4
Medium poverty (10 to <20% below FPL)	69	29.4	52	27.7	17	36.2	24.6	44	27.0	8,728	25.3	31	15.3
High poverty (20 to <30% below FPL)	54	23.0	45	23.9	9	19.1	16.7	33	20.2	7,312	21.2	52	25.7
Very high poverty (≥30% below FPL)	80	34.0	65	34.6	15	31.9	18.8	57	35.0	13,757	39.8	98	48.5
Area-based poverty level not available	13	5.5	11	5.9	2	4.3	15.4	19	11.7	2,505	7.2	10	5.0
Transmission risk¹¹													
Injection drug use history (IDU)	6	2.6	6	3.2	0	0.0	0.0	8	4.9	5,334	15.4	64	31.7
Heterosexual contact	150	63.8	122	64.9	28	59.6	19	92	56.4	18,454	53.4	92	45.5
Transgender people with sexual contact	24	10.2	21	11.2	3	6.4	12.5	9	5.5	1,096	3.2	4	2.0
Perinatal	1	0.4	1	0.5	0	0.0	0.0	5	3.1	1,291	3.7	3	1.5
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	91	0.3	0	0.0
Unknown	54	23.0	38	20.2	16	34.0	29.6	49	30.1	8,295	24.0	39	19.3

PLWHA=People living with HIV/AIDS; 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, 2017. 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 2017 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV/AIDS. Death data for 2017 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 PLWHA, age as of June 30, 2017; and for deaths, age at death. ⁹For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA 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 HIV-infected, an injection drug user, or a person who has received blood products. For females only, also includes history of sex work, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual male, probable heterosexual transmission as noted in medical chart, or sex with a male 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.