

HIV SURVEILLANCE MID-YEAR REPORT, 2015

HIV EPIDEMIOLOGY AND FIELD SERVICES PROGRAM

New York City Department of Health and Mental Hygiene, Published April 2016



HIV/AIDS diagnoses and deaths occurring January 1, 2015 through June 30, 2015; and people diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2015¹

	HIV diagnoses ²							AIDS diagnoses ⁴		PLWHA as of 6/30/2015		Deaths ⁵	
	Total		Without AIDS		Concurrent with AIDS diagnosis ³			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	1,240	100.0	1,015	100.0	225	100.0	18.1	669	100.0	120,571	100.0	673	100.0
Sex at birth													
Male	1,028	82.9	849	83.6	179	79.6	17.4	508	75.9	87,589	72.6	488	72.5
Female	212	17.1	166	16.4	46	20.4	21.7	161	24.1	32,982	27.4	185	27.5
Race/Ethnicity⁶													
Black	517	41.7	412	40.6	105	46.7	20.3	332	49.6	53,123	44.1	354	52.6
Latino/Hispanic	438	35.3	364	35.9	74	32.9	16.9	208	31.1	39,229	32.5	210	31.2
White	220	17.7	187	18.4	33	14.7	15.0	97	14.5	24,944	20.7	96	14.3
Asian/Pacific Islander	55	4.4	44	4.3	11	4.9	20.0	25	3.7	2,419	2.0	9	1.3
Native American	1	0.1	1	0.1	0	0.0	0.0	2	0.3	264	0.2	3	0.4
Multiracial	9	0.7	7	0.7	2	0.9	22.2	5	0.7	226	0.2	1	0.1
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	366	0.3	0	0.0
Age group (years)⁷													
0-12	1	0.1	1	0.1	0	0.0	0.0	0	0.0	129	0.1	0	0.0
13-19	47	3.8	44	4.3	3	1.3	6.4	15	2.2	749	0.6	0	0.0
20-29	451	36.4	421	41.5	30	13.3	6.7	104	15.5	9,571	7.9	14	2.1
30-39	284	22.9	229	22.6	55	24.4	19.4	149	22.3	17,352	14.4	35	5.2
40-49	233	18.8	168	16.6	65	28.9	27.9	182	27.2	30,089	25.0	121	18.0
50-59	157	12.7	105	10.3	52	23.1	33.1	151	22.6	39,368	32.7	230	34.2
60+	67	5.4	47	4.6	20	8.9	29.9	68	10.2	23,313	19.3	273	40.6
Borough of residence⁸													
Bronx	251	20.2	201	19.8	50	22.2	19.9	158	23.6	28,772	23.9	208	30.9
Brooklyn	321	25.9	258	25.4	63	28.0	19.6	165	24.7	29,221	24.2	198	29.4
Manhattan	282	22.7	247	24.3	35	15.6	12.4	108	16.1	31,857	26.4	138	20.5
Queens	237	19.1	184	18.1	53	23.6	22.4	122	18.2	17,757	14.7	67	10.0
Staten Island	20	1.6	14	1.4	6	2.7	30.0	14	2.1	2,318	1.9	26	3.9
Outside NYC	116	9.4	99	9.8	17	7.6	14.7	77	11.5	10,406	8.6	24	3.6
Unknown	13	1.0	12	1.2	1	0.4	7.7	25	3.7	240	0.2	12	1.8
Area-based poverty level⁹													
Low poverty (<10% below FPL)	100	8.1	81	8.0	19	8.4	19.0	43	6.4	11,047	9.2	41	6.1
Medium poverty (10 to <20% below FPL)	354	28.5	284	28.0	70	31.1	19.8	179	26.8	31,331	26.0	127	18.9
High poverty (20 to <30% below FPL)	291	23.5	232	22.9	59	26.2	20.3	154	23.0	28,555	23.7	171	25.4
Very high poverty (≥30% below FPL)	362	29.2	303	29.9	59	26.2	16.3	190	28.4	37,522	31.1	298	44.3
Area-based poverty level not available	133	10.7	115	11.3	18	8.0	13.5	103	15.4	12,116	10.0	36	5.3
Transmission risk													
Men who have sex with men (MSM)	749	60.4	650	64.0	99	44.0	13.2	282	42.2	47,240	39.2	142	21.1
Injection drug use history (IDU)	17	1.4	16	1.6	1	0.4	5.9	38	5.7	16,049	13.3	190	28.2
MSM-IDU	16	1.3	15	1.5	1	0.4	6.3	12	1.8	2,734	2.3	25	3.7
Heterosexual ¹⁰	205	16.5	153	15.1	52	23.1	25.4	137	20.5	23,888	19.8	136	20.2
Perinatal	1	0.1	0	0.0	1	0.4	100.0	20	3.0	2,510	2.1	4	0.6
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	203	0.2	2	0.3
Unknown	252	20.3	181	17.8	71	31.6	28.2	180	26.9	27,947	23.2	174	25.9
Clinical history													
HIV-only	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	51,756	42.9	125	18.6
Ever AIDS diagnosis	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	68,815	57.1	548	81.4

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 December 31, 2015. 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 2015 and includes concurrent HIV/AIDS diagnosis. ⁵Includes deaths from any cause in people with HIV/AIDS. Death data for 2015 are incomplete. ⁶For technical notes on race/ethnicity: http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf. ⁷For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of June 30, 2015; 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. ¹⁰Includes 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 prostitution, 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.

HIV AMONG MALES



HIV/AIDS diagnoses and deaths among males¹, January 1, 2015 through June 30, 2015; and males diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2015²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWHA as of 6/30/2015		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	1,028	100.0	849	100.0	179	100.0	17.4	508	100.0	87,589	100.0	488	100.0
Race/Ethnicity⁷													
Black	375	36.5	305	35.9	70	39.1	18.7	221	43.5	33,839	38.6	240	49.2
Latino/Hispanic	387	37.6	320	37.7	67	37.4	17.3	170	33.5	28,573	32.6	153	31.4
White	209	20.3	177	20.8	32	17.9	15.3	91	17.9	22,492	25.7	84	17.2
Asian/Pacific Islander	48	4.7	40	4.7	8	4.5	16.7	20	3.9	2,024	2.3	8	1.6
Native American	1	0.1	1	0.1	0	0.0	0.0	2	0.4	195	0.2	2	0.4
Multiracial	8	0.8	6	0.7	2	1.1	25.0	4	0.8	183	0.2	1	0.2
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	283	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	64	0.1	0	0.0
13-19	41	4.0	39	4.6	2	1.1	4.9	10	2.0	391	0.4	0	0.0
20-29	398	38.7	371	43.7	27	15.1	6.8	85	16.7	7,543	8.6	9	1.8
30-39	245	23.8	198	23.3	47	26.3	19.2	118	23.2	13,151	15.0	27	5.5
40-49	181	17.6	134	15.8	47	26.3	26.0	131	25.8	21,378	24.4	81	16.6
50-59	118	11.5	75	8.8	43	24.0	36.4	117	23.0	27,935	31.9	162	33.2
60+	44	4.3	31	3.7	13	7.3	29.5	47	9.3	17,127	19.6	209	42.8
Borough of residence⁹													
Bronx	186	18.1	148	17.4	38	21.2	20.4	116	22.8	18,054	20.6	136	27.9
Brooklyn	256	24.9	210	24.7	46	25.7	18.0	115	22.6	19,455	22.2	143	29.3
Manhattan	257	25.0	225	26.5	32	17.9	12.5	88	17.3	26,884	30.7	114	23.4
Queens	205	19.9	160	18.8	45	25.1	22.0	102	20.1	13,062	14.9	48	9.8
Staten Island	15	1.5	9	1.1	6	3.4	40.0	10	2.0	1,524	1.7	18	3.7
Outside NYC	97	9.4	86	10.1	11	6.1	11.3	58	11.4	8,426	9.6	18	3.7
Unknown	12	1.2	11	1.3	1	0.6	8.3	19	3.7	184	0.2	11	2.3
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	88	8.6	71	8.4	17	9.5	19.3	36	7.1	9,339	10.7	29	5.9
Medium poverty (10 to <20% below FPL)	304	29.6	244	28.7	60	33.5	19.7	147	28.9	24,368	27.8	102	20.9
High poverty (20 to <30% below FPL)	238	23.2	189	22.3	49	27.4	20.6	120	23.6	19,882	22.7	125	25.6
Very high poverty (≥30% below FPL)	288	28.0	247	29.1	41	22.9	14.2	128	25.2	24,218	27.6	203	41.6
Area-based poverty level not available	110	10.7	98	11.5	12	6.7	10.9	77	15.2	9,782	11.2	29	5.9
Transmission risk													
Men who have sex with men (MSM)	749	72.9	650	76.6	99	55.3	13.2	282	55.5	47,240	53.9	142	29.1
Injection drug use history (IDU)	11	1.1	10	1.2	1	0.6	9.1	22	4.3	10,661	12.2	136	27.9
MSM-IDU	16	1.6	15	1.8	1	0.6	6.3	12	2.4	2,734	3.1	25	5.1
Heterosexual ¹¹	40	3.9	24	2.8	16	8.9	40.0	43	8.5	6,036	6.9	41	8.4
Perinatal	0	0.0	0	0.0	0	0.0	0.0	9	1.8	1,223	1.4	2	0.4
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	109	0.1	1	0.2
Unknown	212	20.6	150	17.7	62	34.6	29.2	140	27.6	19,586	22.4	141	28.9
Clinical history													
HIV-only	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	38,174	43.6	88	18.0
Ever AIDS diagnosis	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	49,415	56.4	400	82.0

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated.

¹Male sex assigned at birth. ²For events reported by December 31, 2015. 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 2015 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV/AIDS. Death data for 2015 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, 2015; 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. ¹¹Includes 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 prostitution, 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.

HIV AMONG FEMALES



HIV/AIDS diagnoses and deaths among females¹, January 1, 2015 through June 30, 2015; and females diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2015²

	HIV diagnoses ³							AIDS diagnoses ⁵		PLWHA as of 6/30/2015		Deaths ⁶	
	Total		Without AIDS		Concurrent with AIDS diagnosis ⁴			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	212	100.0	166	100.0	46	100.0	21.7	161	100.0	32,982	100.0	185	100.0
Race/Ethnicity⁷													
Black	142	67.0	107	64.5	35	76.1	24.6	111	68.9	19,284	58.5	114	61.6
Latino/Hispanic	51	24.1	44	26.5	7	15.2	13.7	38	23.6	10,656	32.3	57	30.8
White	11	5.2	10	6.0	1	2.2	9.1	6	3.7	2,452	7.4	12	6.5
Asian/Pacific Islander	7	3.3	4	2.4	3	6.5	42.9	5	3.1	395	1.2	1	0.5
Native American	0	0.0	0	0.0	0	0.0	0.0	0	0.0	69	0.2	1	0.5
Multiracial	1	0.5	1	0.6	0	0.0	0.0	1	0.6	43	0.1	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	83	0.3	0	0.0
Age group (years)⁸													
0-12	0	0.0	0	0.0	0	0.0	0.0	0	0.0	65	0.2	0	0.0
13-19	6	2.8	5	3.0	1	2.2	16.7	5	3.1	358	1.1	0	0.0
20-29	53	25.0	50	30.1	3	6.5	5.7	19	11.8	2,028	6.1	5	2.7
30-39	39	18.4	31	18.7	8	17.4	20.5	31	19.3	4,201	12.7	8	4.3
40-49	52	24.5	34	20.5	18	39.1	34.6	51	31.7	8,711	26.4	40	21.6
50-59	39	18.4	30	18.1	9	19.6	23.1	34	21.1	11,433	34.7	68	36.8
60+	23	10.8	16	9.6	7	15.2	30.4	21	13.0	6,186	18.8	64	34.6
Borough of residence⁹													
Bronx	65	30.7	53	31.9	12	26.1	18.5	42	26.1	10,718	32.5	72	38.9
Brooklyn	65	30.7	48	28.9	17	37.0	26.2	50	31.1	9,766	29.6	55	29.7
Manhattan	25	11.8	22	13.3	3	6.5	12.0	20	12.4	4,973	15.1	24	13.0
Queens	32	15.1	24	14.5	8	17.4	25.0	20	12.4	4,695	14.2	19	10.3
Staten Island	5	2.4	5	3.0	0	0.0	0.0	4	2.5	794	2.4	8	4.3
Outside NYC	19	9.0	13	7.8	6	13.0	31.6	19	11.8	1,980	6.0	6	3.2
Unknown	1	0.5	1	0.6	0	0.0	0.0	6	3.7	56	0.2	1	0.5
Area-based poverty level¹⁰													
Low poverty (<10% below FPL)	12	5.7	10	6.0	2	4.3	16.7	7	4.3	1,708	5.2	12	6.5
Medium poverty (10 to <20% below FPL)	50	23.6	40	24.1	10	21.7	20.0	32	19.9	6,963	21.1	25	13.5
High poverty (20 to <30% below FPL)	53	25.0	43	25.9	10	21.7	18.9	34	21.1	8,673	26.3	46	24.9
Very high poverty (≥30% below FPL)	74	34.9	56	33.7	18	39.1	24.3	62	38.5	13,304	40.3	95	51.4
Area-based poverty level not available	23	10.8	17	10.2	6	13.0	26.1	26	16.1	2,334	7.1	7	3.8
Transmission risk													
Injection drug use history	6	2.8	6	3.6	0	0.0	0.0	16	9.9	5,388	16.3	54	29.2
Heterosexual ¹¹	165	77.8	129	77.7	36	78.3	21.8	94	58.4	17,852	54.1	95	51.4
Perinatal	1	0.5	0	0.0	1	2.2	100.0	11	6.8	1,287	3.9	2	1.1
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	94	0.3	1	0.5
Unknown	40	18.9	31	18.7	9	19.6	22.5	40	24.8	8,361	25.4	33	17.8
Clinical history													
HIV-only	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13,582	41.2	37	20.0
Ever AIDS diagnosis	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19,400	58.8	148	80.0

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated.

¹Female sex assigned at birth. ²For events reported by December 31, 2015. 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 2015 and includes concurrent HIV/AIDS diagnosis. ⁶Includes deaths from any cause in people with HIV/AIDS. Death data for 2015 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, 2015; 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. ¹¹Includes 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 prostitution, 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.