

# HIV SURVEILLANCE MID-YEAR REPORT, 2016

## HIV EPIDEMIOLOGY AND FIELD SERVICES PROGRAM

New York City Department of Health and Mental Hygiene, Published June 2017



HIV/AIDS diagnoses and deaths occurring January 1, 2016 through June 30, 2016; and people diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2016<sup>1</sup>

	HIV diagnoses <sup>2</sup>							AIDS diagnoses <sup>4</sup>		PLWHA as of 6/30/2016		Deaths <sup>5</sup>	
	Total		Without AIDS		Concurrent with AIDS diagnosis <sup>3</sup>			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
<b>Total</b>	1,186	100.0	985	100.0	201	100.0	16.9	672	100.0	122,945	100.0	720	100.0
<b>Gender</b>													
Male	951	80.2	790	80.2	161	80.1	16.9	496	73.8	88,649	72.1	500	69.4
Female	215	18.1	178	18.1	37	18.4	17.2	168	25.0	33,126	26.9	212	29.4
Transgender	20	1.7	17	1.7	3	1.5	15.0	8	1.2	1,170	1.0	8	1.1
<b>Race/Ethnicity<sup>6</sup></b>													
Black	507	42.7	412	41.8	95	47.3	18.7	326	48.5	53,950	43.9	336	46.7
Latino/Hispanic	413	34.8	353	35.8	60	29.9	14.5	213	31.7	40,084	32.6	275	38.2
White	184	15.5	157	15.9	27	13.4	14.7	104	15.5	25,431	20.7	97	13.5
Asian/Pacific Islander	70	5.9	53	5.4	17	8.5	24.3	23	3.4	2,588	2.1	10	1.4
Native American	4	0.3	3	0.3	1	0.5	25.0	4	0.6	277	0.2	1	0.1
Multiracial	8	0.7	7	0.7	1	0.5	12.5	2	0.3	256	0.2	1	0.1
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	359	0.3	0	0.0
<b>Age group (years)<sup>7</sup></b>													
0-12	1	0.1	1	0.1	0	0.0	0.0	1	0.1	109	0.1	0	0.0
13-19	37	3.1	34	3.5	3	1.5	8.1	10	1.5	590	0.5	0	0.0
20-29	426	35.9	389	39.5	37	18.4	8.7	117	17.4	9,662	7.9	13	1.8
30-39	291	24.5	245	24.9	46	22.9	15.8	146	21.7	18,013	14.7	60	8.3
40-49	219	18.5	159	16.1	60	29.9	27.4	169	25.1	28,294	23.0	89	12.4
50-59	136	11.5	102	10.4	34	16.9	25.0	147	21.9	40,424	32.9	268	37.2
60+	76	6.4	55	5.6	21	10.4	27.6	82	12.2	25,853	21.0	290	40.3
<b>Borough of residence<sup>8</sup></b>													
Bronx	282	23.8	228	23.1	54	26.9	19.1	168	25.0	29,588	24.1	236	32.8
Brooklyn	291	24.5	235	23.9	56	27.9	19.2	179	26.6	29,529	24.0	191	26.5
Manhattan	250	21.1	217	22.0	33	16.4	13.2	132	19.6	32,295	26.3	129	17.9
Queens	215	18.1	176	17.9	39	19.4	18.1	115	17.1	10,813	8.8	82	11.4
Staten Island	33	2.8	24	2.4	9	4.5	27.3	21	3.1	18,159	14.8	25	3.5
Outside NYC	94	7.9	85	8.6	9	4.5	9.6	50	7.4	2,371	1.9	33	4.6
Unknown	21	1.8	20	2.0	1	0.5	4.8	7	1.0	190	0.2	24	3.3
<b>Area-based poverty level<sup>9</sup></b>													
Low poverty (<10% below FPL)	71	6.0	63	6.4	8	4.0	11.3	38	5.7	11,132	9.1	53	7.4
Medium poverty (10 to <20% below FPL)	322	27.2	274	27.8	48	23.9	14.9	183	27.2	31,855	25.9	129	17.9
High poverty (20 to <30% below FPL)	283	23.9	218	22.1	65	32.3	23.0	169	25.1	28,995	23.6	170	23.6
Very high poverty (≥30% below FPL)	393	33.1	323	32.8	70	34.8	17.8	222	33.0	38,516	31.3	311	43.2
Area-based poverty level not available	117	9.9	107	10.9	10	5.0	8.5	60	8.9	12,447	10.1	57	7.9
<b>Transmission risk<sup>10</sup></b>													
Men who have sex with men (MSM)	678	57.2	589	59.8	89	44.3	13.1	272	40.5	48,590	39.5	146	20.3
Injection drug use history (IDU)	19	1.6	11	1.1	8	4.0	42.1	59	8.8	15,757	12.8	230	31.9
MSM-IDU	18	1.5	15	1.5	3	1.5	16.7	12	1.8	2,750	2.2	27	3.8
Heterosexual contact	190	16.0	154	15.6	36	17.9	18.9	125	18.6	24,256	19.7	131	18.2
Transgender people with sexual contact	19	1.6	17	1.7	2	1.0	10.5	7	1.0	997	0.8	5	0.7
Perinatal	1	0.1	1	0.1	0	0.0	0.0	19	2.8	2,511	2.0	5	0.7
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	205	0.2	1	0.1
Unknown	261	22.0	198	20.1	63	31.3	24.1	178	26.5	27,879	22.7	175	24.3

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. <sup>1</sup>For events reported by December 31, 2016. <sup>2</sup>Excludes people known to have been diagnosed outside of NYC. <sup>3</sup>HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. <sup>4</sup>AIDS was diagnosed in first half of 2016 and includes concurrent HIV/AIDS diagnosis. <sup>5</sup>Includes deaths from any cause in people with HIV/AIDS. Death data for 2016 are incomplete. <sup>6</sup>See [http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new\\_race\\_def\\_dec2010.pdf](http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf) for technical notes on race/ethnicity. <sup>7</sup>For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of June 30, 2016; and for deaths, age at death. <sup>8</sup>For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA and deaths, residence based on most recent record available. <sup>9</sup>Area-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. <sup>10</sup>"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 MALES



HIV/AIDS diagnoses and deaths among males<sup>1</sup>, January 1, 2016 through June 30, 2016; and males diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2016<sup>2</sup>

	HIV diagnoses <sup>3</sup>							AIDS diagnoses <sup>5</sup>		PLWHA as of 6/30/2015		Deaths <sup>6</sup>	
	Total		Without AIDS		Concurrent with AIDS diagnosis <sup>4</sup>			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
<b>Total</b>	951	100.0	790	100.0	161	100.0	16.9	496	100.0	88,664	100.0	500	100.0
<b>Race/Ethnicity<sup>7</sup></b>													
Black	372	39.1	299	37.8	73	45.3	19.6	220	44.4	34,027	38.4	220	44.0
Latino/Hispanic	336	35.3	289	36.6	47	29.2	14.0	159	32.1	28,890	32.6	191	38.2
White	169	17.8	145	18.4	24	14.9	14.2	93	18.8	22,916	25.8	79	15.8
Asian/Pacific Islander	63	6.6	48	6.1	15	9.3	23.8	19	3.8	2,152	2.4	8	1.6
Native American	4	0.4	3	0.4	1	0.6	25.0	3	0.6	201	0.2	1	0.2
Multiracial	7	0.7	6	0.8	1	0.6	14.3	2	0.4	201	0.2	1	0.2
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	277	0.3	0	0.0
<b>Age group (years)<sup>8</sup></b>													
0-12	0	0.0	0	0.0	0	0.0	0.0	0	0.0	59	0.1	0	0.0
13-19	31	3.3	28	3.5	3	1.9	9.7	6	1.2	311	0.4	0	0.0
20-29	381	40.1	347	43.9	34	21.1	8.9	84	16.9	7,394	8.3	10	2.0
30-39	236	24.8	194	24.6	42	26.1	17.8	117	23.6	13,601	15.3	41	8.2
40-49	168	17.7	121	15.3	47	29.2	28.0	127	25.6	19,916	22.5	54	10.8
50-59	91	9.6	66	8.4	25	15.5	27.5	102	20.6	28,554	32.2	175	35.0
60+	44	4.6	34	4.3	10	6.2	22.7	60	12.1	18,829	21.2	220	44.0
<b>Borough of residence<sup>9</sup></b>													
Bronx	206	21.7	164	20.8	42	26.1	20.4	111	22.4	18,388	20.7	158	31.6
Brooklyn	215	22.6	174	22.0	41	25.5	19.1	120	24.2	19,515	22.0	129	25.8
Manhattan	224	23.6	193	24.4	31	19.3	13.8	118	23.8	27,075	30.5	92	18.4
Queens	184	19.3	151	19.1	33	20.5	17.9	84	16.9	13,279	15.0	56	11.2
Staten Island	22	2.3	16	2.0	6	3.7	27.3	16	3.2	1,535	1.7	18	3.6
Outside NYC	82	8.6	75	9.5	7	4.3	8.5	42	8.5	8,721	9.8	26	5.2
Unknown	18	1.9	17	2.2	1	0.6	5.6	5	1.0	151	0.2	21	4.2
<b>Area-based poverty level<sup>10</sup></b>													
Low poverty (<10% below FPL)	58	6.1	53	6.7	5	3.1	8.6	33	6.7	9,333	10.5	36	7.2
Medium poverty (10 to <20% below FPL)	269	28.3	229	29.0	40	24.8	14.9	133	26.8	24,656	27.8	94	18.8
High poverty (20 to <30% below FPL)	222	23.3	169	21.4	53	32.9	23.9	122	24.6	20,095	22.7	115	23.0
Very high poverty (≥30% below FPL)	301	31.7	246	31.1	55	34.2	18.3	158	31.9	24,569	27.7	208	41.6
Area-based poverty level not available	101	10.6	93	11.8	8	5.0	7.9	50	10.1	10,011	11.3	47	9.4
<b>Transmission risk<sup>11</sup></b>													
Men who have sex with men (MSM)	678	71.3	589	74.6	89	55.3	13.1	272	54.8	48,590	54.8	146	29.2
Injection drug use history (IDU)	12	1.3	5	0.6	7	4.3	58.3	44	8.9	10,353	11.7	149	29.8
MSM-IDU	18	1.9	15	1.9	3	1.9	16.7	12	2.4	2,750	3.1	27	5.4
Heterosexual contact	37	3.9	25	3.2	12	7.5	32.4	28	5.6	6,080	6.9	41	8.2
Transgender people with sexual contact	0	0.0	0	0.0	0	0.0	0.0	0	0.0	10	0.0	0	0.0
Perinatal	0	0.0	0	0.0	0	0.0	0.0	6	1.2	1,220	1.4	2	0.4
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	114	0.1	0	0.0
Unknown	206	21.7	156	19.7	50	31.1	24.3	134	27.0	19,547	22.0	135	27.0

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. <sup>1</sup>Includes transgender men. <sup>2</sup>For events reported by December 31, 2016. <sup>3</sup>Excludes people known to have been diagnosed outside of NYC. <sup>4</sup>HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. <sup>5</sup>AIDS was diagnosed in first half of 2016 and includes concurrent HIV/AIDS diagnosis. <sup>6</sup>Includes deaths from any cause in people with HIV/AIDS. Death data for 2016 are incomplete. <sup>7</sup>For technical notes on race/ethnicity: [http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new\\_race\\_def\\_dec2010.pdf](http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf). <sup>8</sup>For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of June 30, 2016; and for deaths, age at death. <sup>9</sup>For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA and deaths, residence based on most recent record available. <sup>10</sup>Area-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. <sup>11</sup>"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 females<sup>1</sup>, January 1, 2016 through June 30, 2016; and females diagnosed with HIV/AIDS, reported in New York City, and presumed to be living as of June 30, 2016<sup>2</sup>

	HIV diagnoses <sup>3</sup>							AIDS diagnoses <sup>5</sup>		PLWHA as of 6/30/2015		Deaths <sup>6</sup>	
	Total		Without AIDS		Concurrent with AIDS diagnosis <sup>4</sup>			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
<b>Total</b>	235	100.0	195	100.0	40	100.0	17.0	176	100.0	34,281	100.0	220	100.0
<b>Race/Ethnicity<sup>7</sup></b>													
Black	135	57.4	113	57.9	22	55.0	16.3	106	60.2	19,923	58.1	116	52.7
Latino/Hispanic	77	32.8	64	32.8	13	32.5	16.9	54	30.7	11,194	32.7	84	38.2
White	15	6.4	12	6.2	3	7.5	20.0	11	6.3	2,515	7.3	18	8.2
Asian/Pacific Islander	7	3.0	5	2.6	2	5.0	28.6	4	2.3	436	1.3	2	0.9
Native American	0	0.0	0	0.0	0	0.0	0.0	1	0.6	76	0.2	0	0.0
Multiracial	1	0.4	1	0.5	0	0.0	0.0	0	0.0	55	0.2	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	82	0.2	0	0.0
<b>Age group (years)<sup>8</sup></b>													
0-12	1	0.4	1	0.5	0	0.0	0.0	1	0.6	50	0.1	0	0.0
13-19	6	2.6	6	3.1	0	0.0	0.0	4	2.3	279	0.8	0	0.0
20-29	45	19.1	42	21.5	3	7.5	6.7	33	18.8	2,268	6.6	3	1.4
30-39	55	23.4	51	26.2	4	10.0	7.3	29	16.5	4,412	12.9	19	8.6
40-49	51	21.7	38	19.5	13	32.5	25.5	42	23.9	8,378	24.4	35	15.9
50-59	45	19.1	36	18.5	9	22.5	20.0	45	25.6	11,870	34.6	93	42.3
60+	32	13.6	21	10.8	11	27.5	34.4	22	12.5	7,024	20.5	70	31.8
<b>Borough of residence<sup>9</sup></b>													
Bronx	76	32.3	64	32.8	12	30.0	15.8	57	32.4	11,200	32.7	78	35.5
Brooklyn	76	32.3	61	31.3	15	37.5	19.7	59	33.5	10,014	29.2	62	28.2
Manhattan	26	11.1	24	12.3	2	5.0	7.7	14	8.0	5,220	15.2	37	16.8
Queens	31	13.2	25	12.8	6	15.0	19.4	31	17.6	4,880	14.2	26	11.8
Staten Island	11	4.7	8	4.1	3	7.5	27.3	5	2.8	836	2.4	7	3.2
Outside NYC	12	5.1	10	5.1	2	5.0	16.7	8	4.5	2,092	6.1	7	3.2
Unknown	3	1.3	3	1.5	0	0.0	0.0	2	1.1	39	0.1	3	1.4
<b>Area-based poverty level<sup>10</sup></b>													
Low poverty (<10% below FPL)	13	5.5	10	5.1	3	7.5	23.1	5	2.8	1,799	5.2	17	7.7
Medium poverty (10 to <20% below FPL)	53	22.6	45	23.1	8	20.0	15.1	50	28.4	7,199	21.0	35	15.9
High poverty (20 to <30% below FPL)	61	26.0	49	25.1	12	30.0	19.7	47	26.7	8,900	26.0	55	25.0
Very high poverty (≥30% below FPL)	92	39.1	77	39.5	15	37.5	16.3	64	36.4	13,947	40.7	103	46.8
Area-based poverty level not available	16	6.8	14	7.2	2	5.0	12.5	10	5.7	2,436	7.1	10	4.5
<b>Transmission risk<sup>11</sup></b>													
Injection drug use history	7	3.0	6	3.1	1	2.5	14.3	15	8.5	5,404	15.8	81	36.8
Heterosexual contact	153	65.1	129	66.2	24	60.0	15.7	97	55.1	18,176	53.0	90	40.9
Transgender people with sexual contact	19	8.1	17	8.7	2	5.0	10.5	7	4.0	987	2.9	5	2.3
Perinatal	1	0.4	1	0.5	0	0.0	0.0	13	7.4	1,291	3.8	3	1.4
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	91	0.3	1	0.5
Unknown	55	23.4	42	21.5	13	32.5	23.6	44	25.0	8,332	24.3	40	18.2

PLWHA=People living with HIV/AIDS; FPL=Federal poverty level; n/a=Not applicable. All percents are column percents unless otherwise indicated. <sup>1</sup>Includes transgender women. <sup>2</sup>For events reported by December 31, 2016. <sup>3</sup>Excludes people known to have been diagnosed outside of NYC. <sup>4</sup>HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Row percent is percent of total HIV diagnoses that were concurrent with AIDS diagnoses. <sup>5</sup>AIDS was diagnosed in first half of 2016 and includes concurrent HIV/AIDS diagnosis. <sup>6</sup>Includes deaths from any cause in people with HIV/AIDS. Death data for 2016 are incomplete. <sup>7</sup>For technical notes on race/ethnicity: [http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new\\_race\\_def\\_dec2010.pdf](http://www1.nyc.gov/assets/doh/downloads/pdf/ah/new_race_def_dec2010.pdf). <sup>8</sup>For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of June 30, 2016; and for deaths, age at death. <sup>9</sup>For HIV and AIDS diagnoses, residence at diagnosis. For PLWHA and deaths, residence based on most recent record available. <sup>10</sup>Area-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. <sup>11</sup>"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