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Publication schedule: This report reflects events occurring through December 31, 2011, and reported by September 30, 2012, unless otherwise stated. It represents diagnoses made through nine months prior to the publication date. Case reporting is over 90% complete by that time. Because cases continue to be reported for many months, the final numbers can be expected to be higher.

To receive this report via e-mail, send an e-mail request to:
hivreport@health.nyc.gov

For electronic versions of this and other HIV-related reports, visit:
<http://www.nyc.gov/html/doh/html/data/hivepi.shtml>

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On September 1, 2010, New York State HIV testing law was amended. For more information:
http://www.health.state.ny.us/diseases/aids/testing/hiv_testing_law.htm

HIGHLIGHTS FROM 2011

- As of December 31, 2011, **113,319** persons had been diagnosed and reported in New York City (NYC) and were presumed to be living with HIV/AIDS (PLWHA). This represents an increase of **28.4%** from 2001.
- In 2011, there were **3,404** new diagnoses of HIV in NYC:
 - **77.7%** of new diagnoses were among men, and **22.3%** were among women. **78%** of new diagnoses were among blacks and Hispanics. Less than one-fifth (**19.7%**) of persons newly diagnosed with HIV were concurrently diagnosed with AIDS. Brooklyn had the highest proportion of new HIV diagnoses (**28.9%**), followed by Manhattan (**25.4%**). **205** persons (**6.0%** of cases) were newly diagnosed with HIV in the acute stage of infection.
- Comparing 2011 with previous years:
 - Annual AIDS diagnoses in NYC continued to decrease, including a **12.4%** decrease in the number of AIDS diagnoses between 2010 and 2011.
 - New HIV diagnoses also decreased since 2010 (from **3,481** to **3,404**) although the number of diagnoses among persons aged 13-29 increased from **1,211** in 2010 to **1,268** in 2011.
 - For the first time, over half (**51.4%**) of all new HIV diagnoses were among men who have sex with men.
 - The proportion of persons newly diagnosed with HIV with unknown transmission risk dropped to **22.0%** in 2011 from over **25%** in 2010.
 - Deaths from all causes have declined **27.4%** since 2007.

History of the HIV/AIDS Epidemic in New York City, 1981–2011

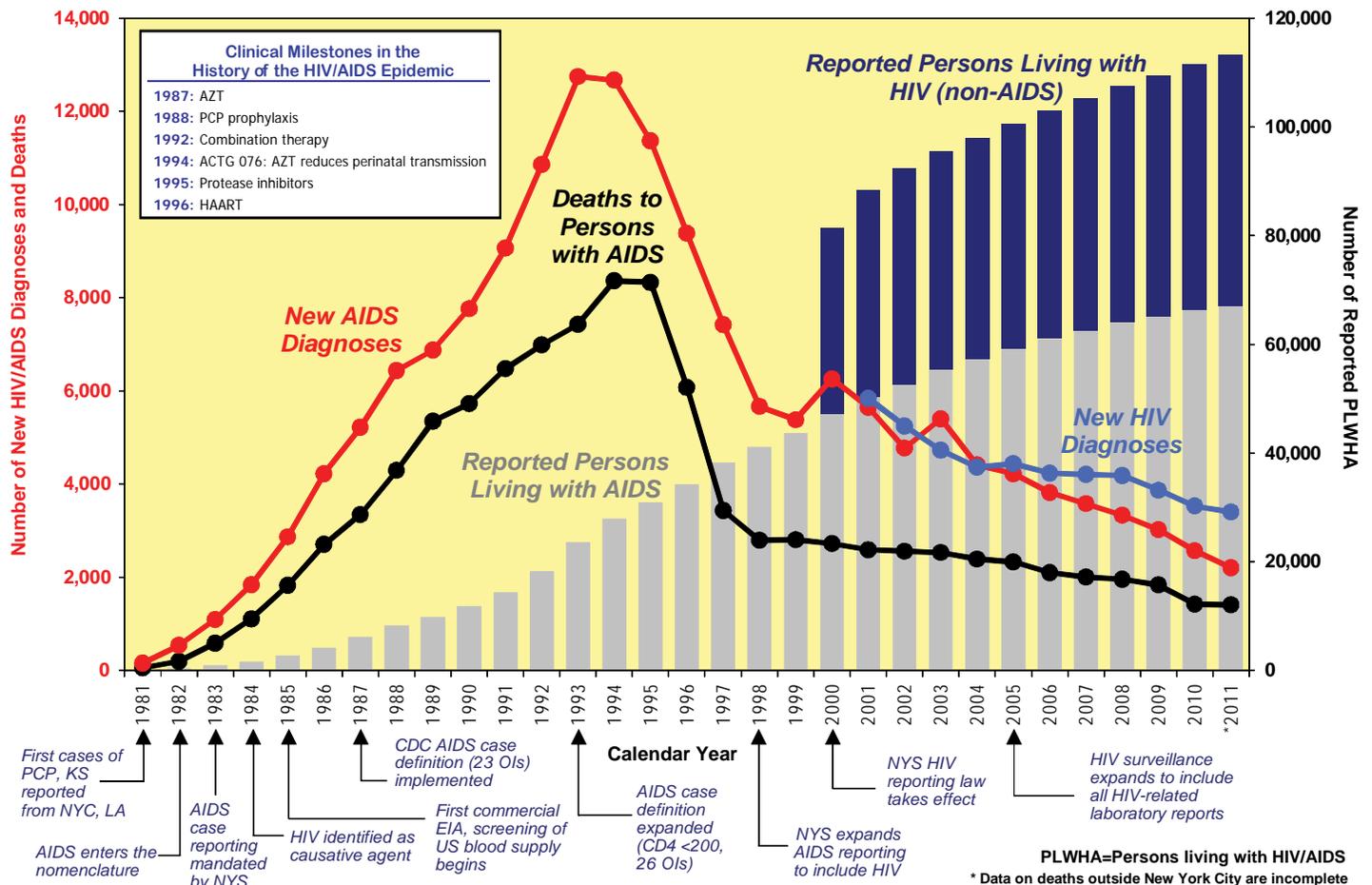


Table 1. HIV/AIDS diagnoses and deaths occurring January 1, 2011, through December 31, 2011, and persons diagnosed and reported in New York City and presumed to be living with HIV/AIDS as of December 31, 2011¹

	HIV diagnoses ¹							AIDS diagnoses ³		PLWHA as of 12/31/2011		Deaths ⁴	
	Total		Without AIDS		Concurrent with AIDS diagnosis ²			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total	3,404	100.0	2,734	100.0	670	100.0	19.7	2,208	100.0	113,319	100.0	1,690	100.0
Sex													
Male	2,645	77.7	2,132	78.0	513	76.6	19.4	1,620	73.4	80,921	71.4	1,173	69.4
Female	759	22.3	602	22.0	157	23.4	20.7	588	26.6	32,398	28.6	517	30.6
Race/Ethnicity⁵													
Black	1,565	46.0	1,226	44.8	339	50.6	21.7	1,175	53.2	50,573	44.6	859	50.8
Hispanic	1,088	32.0	881	32.2	207	30.9	19.0	705	31.9	36,782	32.5	586	34.7
White	640	18.8	542	19.8	98	14.6	15.3	279	12.6	23,313	20.6	223	13.2
Asian/Pacific Islander	105	3.1	80	2.9	25	3.7	23.8	47	2.1	1,936	1.7	17	1.0
Native American	1	0.0	1	0.0	0	0.0	0.0	1	0.0	253	0.2	5	0.3
Multiracial	5	0.1	4	0.1	1	0.1	20.0	1	0.0	56	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	406	0.4	0	0.0
Age group (years)⁶													
0-12	8	0.2	8	0.3	0	0.0	0.0	0	0.0	250	0.2	0	0.0
13-19	167	4.9	154	5.6	13	1.9	7.8	49	2.2	1,213	1.1	2	0.1
20-29	1,101	32.3	969	35.4	132	19.7	12.0	400	18.1	8,596	7.6	52	3.1
30-39	837	24.6	681	24.9	156	23.3	18.6	502	22.7	16,560	14.6	117	6.9
40-49	749	22.0	547	20.0	202	30.1	27.0	691	31.3	36,890	32.6	443	26.2
50-59	394	11.6	277	10.1	117	17.5	29.7	417	18.9	33,964	30.0	606	35.9
60+	148	4.3	98	3.6	50	7.5	33.8	149	6.7	15,846	14.0	470	27.8
Borough of residence⁷													
Bronx	662	19.4	511	18.7	151	22.5	22.8	546	24.7	23,748	21.0	442	26.2
Brooklyn	983	28.9	764	27.9	219	32.7	22.3	645	29.2	27,788	24.5	493	29.2
Manhattan	866	25.4	735	26.9	131	19.6	15.1	493	22.3	33,755	29.8	446	26.4
Queens	505	14.8	393	14.4	112	16.7	22.2	305	13.8	16,245	14.3	199	11.8
Staten Island	43	1.3	28	1.0	15	2.2	34.9	33	1.5	1,929	1.7	41	2.4
Outside NYC	333	9.8	291	10.6	42	6.3	12.6	147	6.7	9,247	8.2	62	3.7
Unknown	12	0.4	12	0.4	0	0.0	0.0	39	1.8	607	0.5	7	0.4
Transmission risk													
Men who have sex with men	1,749	51.4	1,484	54.3	265	39.6	15.2	804	36.4	39,846	35.2	293	17.3
Injection drug use history	148	4.3	110	4.0	38	5.7	25.7	261	11.8	20,115	17.8	629	37.2
Heterosexual ⁸	751	22.1	574	21.0	177	26.4	23.6	527	23.9	22,103	19.5	313	18.5
Perinatal	7	0.2	7	0.3	0	0.0	0.0	38	1.7	2,494	2.2	20	1.2
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	246	0.2	2	0.1
Unknown	749	22.0	559	20.4	190	28.4	25.4	578	26.2	28,515	25.2	433	25.6
Clinical status as of 12/31/2011													
HIV (non-AIDS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	46,237	40.8	281	16.6
AIDS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	67,082	59.2	1,409	83.4

PLWHA=Persons living with HIV/AIDS; n/a=Not applicable. All percents are column percents unless otherwise indicated.

¹ For events reported by September 30, 2012. ² 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. ³ AIDS was diagnosed in 2011 and includes concurrent HIV/AIDS diagnosis. ⁴ Includes deaths from any cause in persons with HIV/AIDS. ⁵ For technical notes on race/ethnicity: <http://www.nyc.gov/html/doh/html/data/hivtables.shtml#abbrev>. ⁶ For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of December 31, 2011; and for deaths, age at death. ⁷ Borough of residence for PLWHA and deaths is based on residence at AIDS diagnosis if surveillance status is AIDS, or residence at HIV diagnosis if HIV-only. ⁸ Includes persons 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.

Which HIV-related events are reportable in New York State, and who is required to report?

In 1998, New York State expanded AIDS case reporting to include HIV (Chapter 163 of the Laws of 1998, PHL Article 21). The law took effect on **June 1, 2000**, and was expanded further on **June 1, 2005**. All diagnostic and clinical providers (doctors, nurses, physician assistants, and all others diagnosing HIV or providing care to HIV-infected persons) and laboratories are required by law to report the following events:

Events reportable by providers on the required New York State Provider Report Form (PRF)

- Diagnoses of HIV infection
- Diagnoses of HIV illness in a previously unreported individual (i.e., HIV illness not meeting the AIDS case definition)
- Diagnoses of AIDS-defining conditions

Events reportable by laboratories

- All positive Western blot test results
- All viral load test results (detectable and undetectable)
- All CD4 test results
- All viral nucleotide sequence results

For assistance in reporting a case of HIV/AIDS, to receive Provider Report Forms, or to obtain more information, please call (212) 442-3388



TALK TO US
CNAP
(212) 693-1419

New York State law also requires medical providers to talk to HIV-infected patients about partner notification and report such patients' known sex or needle-sharing partners to the health department. Providers can fill in the *Medical Provider HIV/AIDS and Partner/Contact Report Form (PRF)* or call the NYC DOHMH Contact Notification Assistance Program (CNAP) at (212) 693-1419. Providers can refer HIV-infected patients to CNAP for direct assistance with partner notification. **For more information about the New York State HIV reporting and partner notification law and CNAP, visit: <http://www.nyc.gov/html/doh/html/data/hcreporting-how.shtml>.**

Table 2. HIV/AIDS diagnoses and deaths occurring January 1, 2011, through December 31, 2011, and persons diagnosed and reported in New York City and presumed to be living with HIV/AIDS as of December 31, 2011¹, by sex

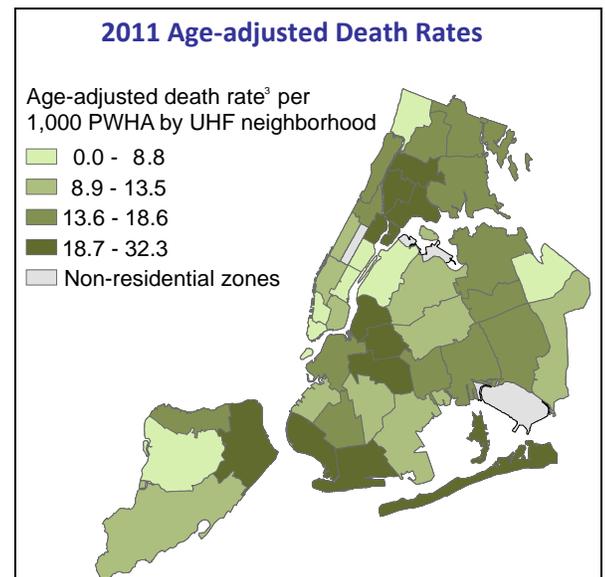
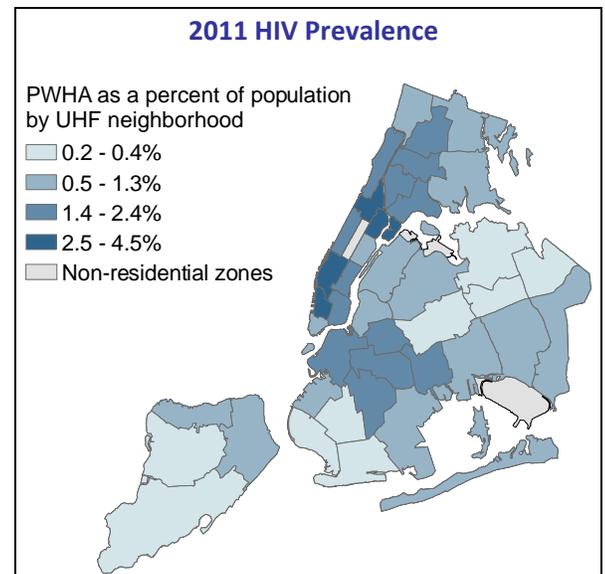
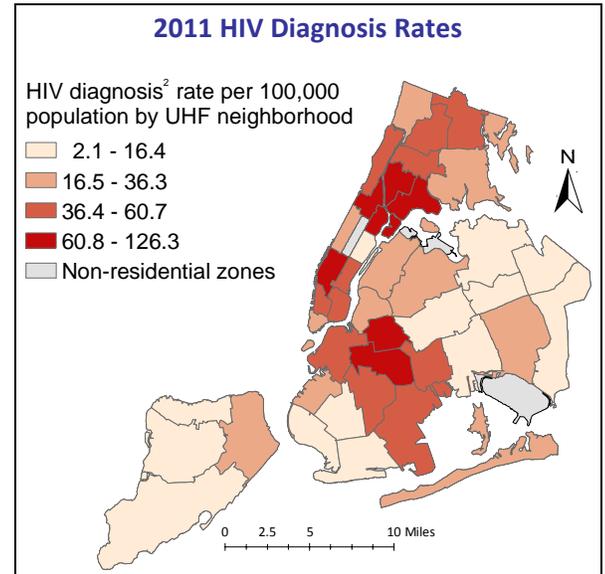
	HIV diagnoses ¹							AIDS diagnoses ³		PLWHA as of 12/31/2011		Deaths ⁴	
	Total		Without AIDS		Concurrent with AIDS diagnosis ²			N	%	N	%	N	%
	N	%	N	%	N	%	Row %						
Total (Male and Female)	3,404	100.0	2,734	100.0	670	100.0	19.7	2,208	100.0	113,319	100.0	1,690	100.0
Male	2,645	100.0	2,132	100.0	513	100.0	19.4	1,620	100.0	80,921	100.0	1,173	100.0
Race/Ethnicity⁵													
Black	1,085	41.0	851	39.9	234	45.6	21.6	788	48.6	31,684	39.2	561	47.8
Hispanic	863	32.6	697	32.7	166	32.4	19.2	539	33.3	26,256	32.4	414	35.3
White	598	22.6	509	23.9	89	17.3	14.9	250	15.4	20,857	25.8	183	15.6
Asian/Pacific Islander	94	3.6	71	3.3	23	4.5	24.5	41	2.5	1,590	2.0	11	0.9
Native American	1	0.0	1	0.0	0	0.0	0.0	1	0.1	181	0.2	4	0.3
Multiracial	4	0.2	3	0.1	1	0.2	25.0	1	0.1	41	0.1	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	312	0.4	0	0.0
Age group (years)⁶													
0-12	1	0.0	1	0.0	0	0.0	0.0	0	0.0	120	0.1	0	0.0
13-19	127	4.8	117	5.5	10	1.9	7.9	31	1.9	620	0.8	1	0.1
20-29	941	35.6	832	39.0	109	21.2	11.6	319	19.7	6,440	8.0	35	3.0
30-39	670	25.3	541	25.4	129	25.1	19.3	391	24.1	11,733	14.5	71	6.1
40-49	555	21.0	403	18.9	152	29.6	27.4	497	30.7	26,001	32.1	287	24.5
50-59	264	10.0	178	8.3	86	16.8	32.6	292	18.0	24,188	29.9	416	35.5
60+	87	3.3	60	2.8	27	5.3	31.0	90	5.6	11,819	14.6	363	30.9
Borough of residence⁷													
Bronx	440	16.6	335	15.7	105	20.5	23.9	364	22.5	14,320	17.7	290	24.7
Brooklyn	726	27.4	563	26.4	163	31.8	22.5	454	28.0	17,943	22.2	329	28.0
Manhattan	758	28.7	643	30.2	115	22.4	15.2	408	25.2	27,653	34.2	344	29.3
Queens	405	15.3	320	15.0	85	16.6	21.0	225	13.9	11,656	14.4	129	11.0
Staten Island	30	1.1	18	0.8	12	2.3	40.0	25	1.5	1,252	1.5	29	2.5
Outside NYC	276	10.4	243	11.4	33	6.4	12.0	117	7.2	7,643	9.4	46	3.9
Unknown	10	0.4	10	0.5	0	0.0	0.0	27	1.7	454	0.6	6	0.5
Transmission risk													
Men who have sex with men	1,749	66.1	1,484	69.6	265	51.7	15.2	804	49.6	39,846	49.2	293	25.0
Injection drug use history	120	4.5	88	4.1	32	6.2	26.7	189	11.7	14,296	17.7	444	37.9
Heterosexual ⁸	158	6.0	109	5.1	49	9.6	31.0	136	8.4	5,752	7.1	94	8.0
Perinatal	1	0.0	1	0.0	0	0.0	0.0	21	1.3	1,221	1.5	10	0.9
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	124	0.2	1	0.1
Unknown	617	23.3	450	21.1	167	32.6	27.1	470	29.0	19,682	24.3	331	28.2
Clinical status as of 12/31/2011													
HIV (non-AIDS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	33,091	40.9	196	16.7
AIDS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	47,830	59.1	977	83.3
Female	759	100.0	602	100.0	157	100.0	20.7	588	100.0	32,398	100.0	517	100.0
Race/Ethnicity⁵													
Black	480	63.2	375	62.3	105	66.9	21.9	387	65.8	18,889	58.3	298	57.6
Hispanic	225	29.6	184	30.6	41	26.1	18.2	166	28.2	10,526	32.5	172	33.3
White	42	5.5	33	5.5	9	5.7	21.4	29	4.9	2,456	7.6	40	7.7
Asian/Pacific Islander	11	1.4	9	1.5	2	1.3	18.2	6	1.0	346	1.1	6	1.2
Native American	0	0.0	0	0.0	0	0.0	0.0	0	0.0	72	0.2	1	0.2
Multiracial	1	0.1	1	0.2	0	0.0	0.0	0	0.0	15	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0.0	0	0.0	94	0.3	0	0.0
Age group (years)⁶													
0-12	7	0.9	7	1.2	0	0.0	0.0	0	0.0	130	0.4	0	0.0
13-19	40	5.3	37	6.1	3	1.9	7.5	18	3.1	593	1.8	1	0.2
20-29	160	21.1	137	22.8	23	14.6	14.4	81	13.8	2,156	6.7	17	3.3
30-39	167	22.0	140	23.3	27	17.2	16.2	111	18.9	4,827	14.9	46	8.9
40-49	194	25.6	144	23.9	50	31.8	25.8	194	33.0	10,889	33.6	156	30.2
50-59	130	17.1	99	16.4	31	19.7	23.8	125	21.3	9,776	30.2	190	36.8
60+	61	8.0	38	6.3	23	14.6	37.7	59	10.0	4,027	12.4	107	20.7
Borough of residence⁷													
Bronx	222	29.2	176	29.2	46	29.3	20.7	182	31.0	9,428	29.1	152	29.4
Brooklyn	257	33.9	201	33.4	56	35.7	21.8	191	32.5	9,845	30.4	164	31.7
Manhattan	108	14.2	92	15.3	16	10.2	14.8	85	14.5	6,102	18.8	102	19.7
Queens	100	13.2	73	12.1	27	17.2	27.0	80	13.6	4,589	14.2	70	13.5
Staten Island	13	1.7	10	1.7	3	1.9	23.1	8	1.4	677	2.1	12	2.3
Outside NYC	57	7.5	48	8.0	9	5.7	15.8	30	5.1	1,604	5.0	16	3.1
Unknown	2	0.3	2	0.3	0	0.0	0.0	12	2.0	153	0.5	1	0.2
Transmission risk													
Injection drug use history	28	3.7	22	3.7	6	3.8	21.4	72	12.2	5,819	18.0	185	35.8
Heterosexual ⁸	593	78.1	465	77.2	128	81.5	21.6	391	66.5	16,351	50.5	219	42.4
Perinatal	6	0.8	6	1.0	0	0.0	0.0	17	2.9	1,273	3.9	10	1.9
Other	0	0.0	0	0.0	0	0.0	0.0	0	0.0	122	0.4	1	0.2
Unknown	132	17.4	109	18.1	23	14.6	17.4	108	18.4	8,833	27.3	102	19.7
Clinical status as of 12/31/2011													
HIV (non-AIDS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13,146	40.6	85	16.4
AIDS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19,252	59.4	432	83.6

PLWHA=Persons living with HIV/AIDS; n/a=Not applicable. All percents are column percents unless otherwise indicated.

Footnotes appear at the bottom of Table 1.

Rates of HIV diagnoses, PWHA, and deaths among PWHA by United Hospital Fund (UHF) neighborhood, New York City 2011¹

	HIV diagnoses ² per 100,000 population	Reported PWHA as percent of population	Age-adjusted death rate per 1,000 PWHA ³	Population from 2010 Census
Total	41.6	1.4	14.7	8,175,133
Bronx⁴	47.9	1.7	18.6	1,382,480
Crotona – Tremont	50.0	2.3	19.8	206,116
Fordham – Bronx Park	47.9	1.7	17.9	252,655
High Bridge – Morrisania	69.8	2.4	21.5	207,631
Hunts Point – Mott Haven	71.7	2.4	20.3	136,591
Kingsbridge – Riverdale	22.0	0.6	8.3*	90,892
Northeast Bronx	38.3	1.0	15.1	190,668
Pelham – Throgs Neck	34.2	1.3	16.2	297,927
Brooklyn⁴	39.2	1.1	17.7	2,504,700
Bedford/Stuyvesant – Crown Heights	77.1	2.2	20.1	318,898
Bensonhurst – Bay Ridge	13.5	0.3	22.2	199,271
Borough Park	8.7	0.3	14.8	331,983
Canarsie – Flatlands	38.5	0.7	12.9	195,027
Coney Island – Sheepshead Bay	9.1	0.4	21.1	285,502
Downtown – Heights – Park Slope	37.9	1.4	16.6	224,199
East Flatbush – Flatbush	60.7	1.6	13.5	296,583
East New York	46.8	1.5	18.6	187,855
Greenpoint	29.9	0.8	22.7	127,051
Sunset Park	23.5	0.7	10.2*	127,863
Williamsburg – Bushwick	73.2	1.8	20.0	210,468
Manhattan⁴	54.9	2.2	12.5	1,577,279
Central Harlem – Morningside Heights	92.8	2.9	16.4	162,652
Chelsea – Clinton	126.3	4.5	10.0	144,896
East Harlem	76.4	2.9	24.8	109,972
Gramercy Park – Murray Hill	40.1	1.7	8.8	134,520
Greenwich Village – SoHo	46.6	2.7	5.9	83,749
Lower Manhattan	22.6	1.0	6.3*	53,159
Union Square – Lower East Side	45.3	1.7	12.6	198,781
Upper East Side	15.8	0.7	8.6	220,962
Upper West Side	30.9	1.5	11.9	220,080
Washington Heights – Inwood	56.3	1.7	14.4	248,508
Queens⁴	22.6	0.7	12.3	2,235,260
Bayside – Little Neck	8.0*	0.2	0.0*	87,972
Flushing – Clearview	6.9	0.3	16.7	259,767
Fresh Meadows	8.3*	0.3	17.2*	96,831
Jamaica	36.3	1.0	14.9	289,314
Long Island City – Astoria	29.3	1.0	8.2	204,715
Ridgewood – Forest Hills	13.8	0.4	10.6	245,746
Rockaway	23.5	0.8	24.9	114,978
Southeast Queens	16.4	0.6	11.6	189,171
Southwest Queens	16.1	0.6	14.6	266,265
West Queens	35.8	1.0	10.7	480,501
Staten Island⁴	9.2	0.4	21.0	468,730
Port Richmond	15.6	0.6	18.5*	70,387
South Beach – Tottenville	2.1*	0.2	10.6*	189,185
Stapleton – St. George	21.0	0.7	32.3	123,648
Willowbrook	2.3*	0.2	6.9*	85,510



PWHA=Persons with HIV/AIDS alive at any time January 1, 2011 – December 31, 2011. Map categories defined by neighborhood quartile. Rates based on numerators ≤ 10 are marked with an asterisk (*) and should be interpreted with caution.

¹ Based on data reported through September 30, 2012.

² Includes diagnoses of HIV without AIDS and HIV concurrent with AIDS.

³ Age-adjusted to the citywide population of PWHA in 2011.

⁴ Borough-level data include persons residing in unknown UHF neighborhoods.