

What's in this report?

HIV and AIDS in New York City: an overview..... 1
 Reported PLWHA and deaths among reported HIV/AIDS cases..... 1
 Which HIV-related events are reportable?..... 2
 Reported HIV/AIDS diagnoses and deaths, through June 2002..... 2
 Reported HIV/AIDS diagnoses and deaths by sex,
 January – December 2001..... 3
 HIV/AIDS in UHF Neighborhoods..... 4

Publication schedule: This report reflects events occurring through June 30, 2002 and reported by March 31, 2003. It will be updated quarterly. Because of reporting lag, it will reflect data through 9 months prior to the publication date.

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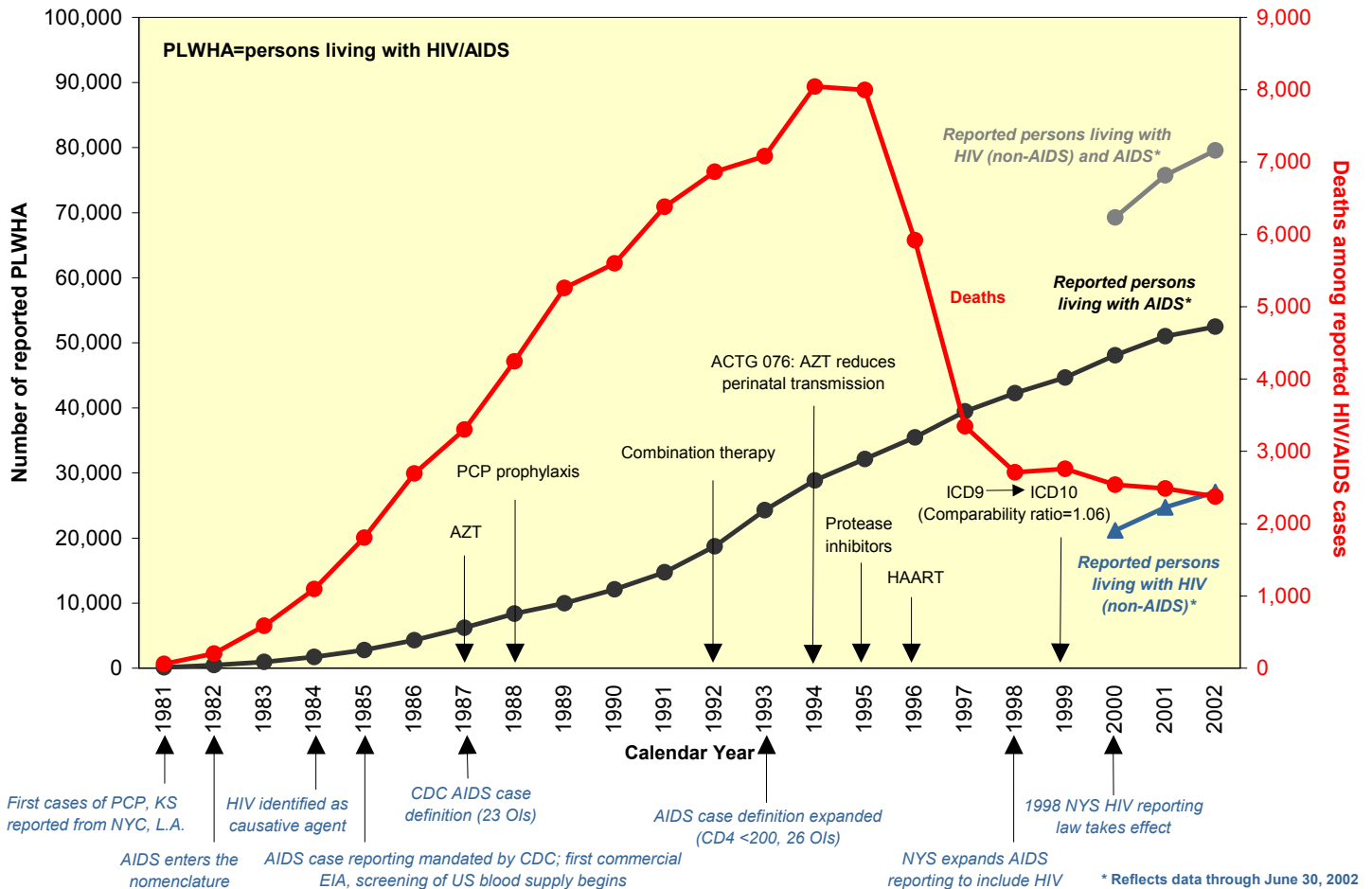
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HIV and AIDS in New York City: An Overview*

- ❑ As of **June 30, 2002**, **78,101** New Yorkers had been diagnosed, reported and are known to be living with HIV or AIDS.
 - The true number of people with HIV or AIDS in NYC is higher. As many as 25% of HIV positive persons do not know they are infected.
 - **1.7%** of African Americans, **1.1%** of Hispanics, and **0.6%** of whites had been diagnosed and are known to be living with HIV or AIDS.
- ❑ The predominant *known* risk factor among *females* diagnosed with HIV in 2001 was heterosexual sex. The risk was unknown for almost half of the newly diagnosed women. In men, the predominant risk was sex with men.
- ❑ **15,484** New Yorkers have been diagnosed with HIV or AIDS since HIV reporting began in New York State on June 1, 2000.
 - In the first full calendar year of HIV reporting (2001), **6,478** New Yorkers were diagnosed with HIV; **1,770 (27%)** of them first learned they were HIV positive at the time they were diagnosed with AIDS.
- ❑ A cumulative total of **134,504** New Yorkers have been diagnosed with AIDS since AIDS case reporting began in 1985.
 - **5,174** AIDS cases were diagnosed in 2001.
- ❑ The cumulative number of known deaths among reported HIV/AIDS cases is **81,542**. This total represents deaths from all causes among people with HIV/AIDS. Data reported by Vital Statistics represent only deaths due to HIV or AIDS.
 - In 2001, **2,487** deaths occurred among reported cases. Vital Statistics reported **1,774** deaths *due to* HIV/AIDS. In 2002, **1,193** deaths occurred among reported HIV/AIDS cases.

* Report and graph reflect diagnostic events occurring through **June 30, 2002**, and reported to the NYC DOHMH by **March 31, 2003**, and deaths through **December 31, 2002**.

Reported PLWHA and Deaths among Reported HIV/AIDS Cases, New York City 1981 – 2002



Reported HIV/AIDS diagnoses and deaths occurring January 1, 2002 through June 30, 2002 and reported persons living with HIV/AIDS as of June 30, 2002¹

	HIV diagnoses during 1/1/2002 – 6/30/2002 ¹						AIDS diagnoses 1/1/2002 – 6/30/2002 ³		PLWHA as of 6/30/2002		Deaths 1/1/2002 – 6/30/2002	
	Total		Without AIDS		Concurrent with AIDS diagnosis ²		N	%	N	%	N	%
	N	%	N	%	N	%						
Total	2,824	100.0	2,098	74.3	726	25.7	2,000	100.0	78,101	100.0	1,193	100.0
Sex												
Male	1,878	66.5	1,357	64.7	521	71.8	1,385	69.3	54,254	69.5	813	68.1
Female	946	33.5	741	35.3	205	28.2	615	30.8	23,650	30.3	380	31.9
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	197	0.3	0	0.0
Race/Ethnicity												
Black	1,492	52.8	1,089	51.9	403	55.5	1,084	54.2	34,168	43.7	634	53.1
Hispanic	814	28.8	601	28.6	213	29.3	575	28.8	24,919	31.9	377	31.6
White	442	15.7	347	16.5	95	13.1	292	14.6	16,933	21.7	168	14.1
Asian/Pacific Islander	51	1.8	40	1.9	11	1.5	22	1.1	727	0.9	9	0.8
Native American	6	0.2	4	0.2	2	0.3	3	0.2	56	0.1	1	0.1
Other/unknown	19	0.7	17	0.8	2	0.3	24	1.2	1,298	1.7	4	0.3
Age group(years)⁴												
0-12	33	1.2	32	1.5	1	0.1	3	0.2	1,610	2.1	1	0.1
13-19	57	2.0	51	2.4	6	0.8	26	1.3	1,060	1.4	5	0.4
20-29	474	16.8	394	18.8	80	11.0	199	10.0	4,339	5.6	29	2.4
30-39	1,018	36.0	778	37.1	240	33.1	671	33.6	21,818	27.9	237	19.9
40-49	791	28.0	542	25.8	249	34.3	712	35.6	30,453	39.0	511	42.8
50-59	327	11.6	218	10.4	109	15.0	288	14.4	14,443	18.5	300	25.1
60+	124	4.4	83	4.0	41	5.6	101	5.1	4,378	5.6	110	9.2
Borough of residence												
Manhattan	793	28.1	606	28.9	187	25.8	527	26.4	26,130	33.5	351	29.4
Brooklyn	784	27.8	570	27.2	214	29.5	586	29.3	19,288	24.7	363	30.4
Bronx	682	24.2	517	24.6	165	22.7	483	24.2	17,028	21.8	296	24.8
Queens	417	14.8	299	14.3	118	16.3	271	13.6	10,360	13.3	128	10.7
Staten Island	63	2.2	42	2.0	21	2.9	40	2.0	1,495	1.9	29	2.4
Unknown/outside NYC	85	3.0	64	3.1	21	2.9	93	4.7	3,800	4.9	26	2.2
Transmission risk												
Men who have sex with men	678	24.0	525	25.0	153	21.1	395	19.8	20,109	25.7	161	13.5
Injection drug use history	302	10.7	215	10.2	87	12.0	325	16.3	20,520	26.3	524	43.9
Heterosexual ⁵	483	17.1	334	15.9	149	20.5	388	19.4	14,078	18.0	205	17.2
Perinatal	10	0.4	9	0.4	1	0.1	10	0.5	2,121	2.7	4	0.3
Presumed perinatal	18	0.6	18	0.9	0	0.0	6	0.3	362	0.5	1	0.1
Transfusion history	0	0.0	0	0.0	0	0.0	0	0.0	438	0.6	6	0.5
Unknown/under investigation ⁶	1,333	47.2	997	47.5	336	46.3	876	43.8	20,473	26.2	292	24.5
Current clinical status¹												
HIV (non-AIDS)	1,873	66.3	1,873	89.3	n/a	n/a	n/a	n/a	25,138	32.2	174	14.6
AIDS	951	33.7	225	10.7	726	100.0	2,000	100.0	52,963	67.8	1,019	85.4

PLWHA=persons living with HIV/AIDS

¹ For events occurring January through June 2002 and reported by March 31, 2003. Surveillance relies on laboratories and providers to report cases (see box). Case reporting is 85% complete within 9 months.

² HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Includes 29 cases in whom HIV was diagnosed in June 2002 and AIDS was diagnosed in July 2002.

³ AIDS was diagnosed in 2002 and includes concurrent HIV/AIDS diagnosis.

⁴ For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of June 30, 2002; and for deaths, age at death.

⁵ Includes persons with CDC-defined heterosexual risk in addition to persons with probable heterosexual transmission: Persons with a history of: a) sexual intercourse with an HIV-infected person of the opposite sex, an injection drug user, a bisexual male, or a person with hemophilia/coagulation disorder, b) heterosexual prostitution (sex work or exchange of sex for drugs), c) sexual contact with a prostitute of the opposite sex, d) multiple sex partners of the opposite sex, e) sexually transmitted disease, f) cocaine use, or g) immigration from a country where heterosexual transmission of HIV predominates.

⁶ Includes individuals with no risk information reported by the provider and in whom an expanded investigation has not been completed.

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**. All diagnostic and clinical providers (doctors, nurses, physicians assistants, and all others diagnosing HIV or providing care to HIV+ 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, report of <500 CD4 cells/μL, or detectable viral load)
- Diagnoses of AIDS-defining conditions

Events reportable by laboratories

- All positive Western blot test results
- All detectable viral load test results
- All CD4 test results <500 cells/μL

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



**TALK TO US
CNAP
212-693-1419**

New York State law also requires that PRFs contain names of sexual or needle-sharing partners of the infected person known to medical providers or those whom the infected person wishes to have notified of their possible exposures. Providers can utilize and/or refer HIV+ persons to the NYC DOHMH Contact Notification Assistance Program (CNAP, 212-693-1419) for assistance in carrying out partner notification. **For more information about the New York State HIV reporting and partner notification law and CNAP, visit: www.health.state.ny.us/nysdoh/hivaids/hivpartner/intro.htm**

Reported HIV/AIDS diagnoses and deaths occurring January 1, 2001 through December 31, 2001 and persons living with HIV/AIDS as of December 31, 2001¹, by sex

	HIV diagnoses during 1/1/2001-12/31/2001 ¹						AIDS diagnoses 1/1/2001-12/31/2001 ³		PLWHA as of 12/31/2001		Deaths in 2001	
	Total		Without AIDS		Concurrent with AIDS diagnosis ²		N	%	N	%	N	%
	N	%	N	%	N	%						
Female	2,271	100.0	1,724	75.9	547	24.1	1,730	100.0	22,776	100.0	809	100.0
Race/Ethnicity												
Black	1,475	64.9	1,106	64.2	369	67.5	1,058	61.2	12,623	55.4	471	58.2
Hispanic	623	27.4	484	28.1	139	25.4	523	30.2	7,423	32.6	256	31.6
White	144	6.3	109	6.3	35	6.4	125	7.2	2,307	10.1	77	9.5
Asian/Pacific Islander	21	0.9	17	1.0	4	0.7	9	0.5	119	0.5	2	0.2
Native American	3	0.1	3	0.2	0	0.0	0	0.0	13	0.1	1	0.1
Other/unknown	5	0.2	5	0.3	0	0.0	15	0.9	291	1.3	2	0.2
Age group(years)⁴												
0-12	43	1.9	40	2.3	3	0.5	10	0.6	858	3.8	2	0.2
13-19	81	3.6	75	4.4	6	1.1	37	2.1	512	2.2	10	1.2
20-29	428	18.8	365	21.2	63	11.5	182	10.5	1,845	8.1	38	4.7
30-39	784	34.5	594	34.5	190	34.7	611	35.3	7,327	32.2	246	30.4
40-49	625	27.5	445	25.8	180	32.9	624	36.1	8,356	36.7	299	37.0
50-59	239	10.5	163	9.5	76	13.9	202	11.7	2,990	13.1	146	18.0
60+	71	3.1	42	2.4	29	5.3	64	3.7	888	3.9	68	8.4
Borough of residence												
Manhattan	462	20.3	370	21.5	92	16.8	315	18.2	5,299	23.3	178	22.0
Brooklyn	711	31.3	521	30.2	190	34.7	579	33.5	6,914	30.4	273	33.7
Bronx	705	31.0	561	32.5	144	26.3	536	31.0	6,443	28.3	234	28.9
Queens	280	12.3	191	11.1	89	16.3	226	13.1	2,996	13.2	93	11.5
Staten Island	51	2.2	32	1.9	19	3.5	40	2.3	544	2.4	18	2.2
Unknown/outside NYC	62	2.7	49	2.8	13	2.4	34	2.0	580	2.5	13	1.6
Transmission risk												
Injection drug use history	291	12.8	206	11.9	85	15.5	325	18.8	5,983	26.3	342	42.3
Heterosexual ⁵	777	34.2	585	33.9	192	35.1	561	32.4	8,240	36.2	261	32.3
Perinatal	28	1.2	28	1.6	0	0.0	21	1.2	1,066	4.7	6	0.7
Presumed perinatal	15	0.7	12	0.7	3	0.5	9	0.5	181	0.8	3	0.4
Transfusion history	0	0.0	0	0.0	0	0.0	0	0.0	207	0.9	13	1.6
Unknown/under investigation ⁶	1,160	51.1	893	51.8	267	48.8	814	47.1	7,099	31.2	184	22.7
Current clinical status												
HIV (non-AIDS)	1,503	66.2	1,503	87.2	n/a	n/a	n/a	n/a	7,896	34.7	86	10.6
AIDS	768	33.8	221	12.8	547	100.0	1,730	100.0	14,880	65.3	723	89.4
Male	4,207	100.0	2,984	70.9	1,223	29.1	3,444	100.0	52,774	100.0	1,678	100.0
Race/Ethnicity												
Black	1,994	47.4	1,355	45.4	639	52.2	1,648	47.9	20,268	38.4	845	50.4
Hispanic	1,275	30.3	921	30.9	354	28.9	1,108	32.2	16,865	32	542	32.3
White	846	20.1	644	21.6	202	16.5	597	17.3	14,238	27	267	15.9
Asian/Pacific Islander	70	1.7	45	1.5	25	2.0	42	1.2	563	1.1	17	1.0
Native American	5	0.1	3	0.1	2	0.2	4	0.1	38	0.1	0	0.0
Other/unknown	17	0.4	16	0.5	1	0.1	45	1.3	802	1.5	7	0.4
Age group (years)⁴												
0-12	45	1.1	43	1.4	2	0.2	5	0.1	823	1.6	3	0.2
13-19	52	1.2	41	1.4	11	0.9	36	1.0	467	0.9	7	0.4
20-29	591	14.0	481	16.1	110	9.0	256	7.4	2,307	4.4	29	1.7
30-39	1,552	36.9	1,154	38.7	398	32.5	1,137	33.0	14,563	27.6	284	16.9
40-49	1,245	29.6	832	27.9	413	33.8	1,258	36.5	21,107	40.0	699	41.7
50-59	526	12.5	318	10.7	208	17.0	571	16.6	10,404	19.7	479	28.5
60+	196	4.7	115	3.9	81	6.6	181	5.3	3,103	5.9	177	10.5
Borough of residence												
Manhattan	1,325	31.5	999	33.5	326	26.7	1,029	29.9	20,234	38.3	527	31.4
Brooklyn	1,085	25.8	726	24.3	359	29.4	930	27.0	11,665	22.1	463	27.6
Bronx	909	21.6	662	22.2	247	20.2	809	23.5	9,812	18.6	407	24.3
Queens	582	13.8	372	12.5	210	17.2	460	13.4	7,032	13.3	194	11.6
Staten Island	70	1.7	38	1.3	32	2.6	63	1.8	906	1.7	39	2.3
Unknown/outside NYC	236	5.6	187	6.3	49	4.0	153	4.4	3,125	5.9	48	2.9
Transmission risk												
Men who have sex with men	1,498	35.6	1,147	38.4	351	28.7	970	28.2	19,525	37.0	335	20.0
Injection drug use history	702	16.7	503	16.9	199	16.3	674	19.6	14,725	27.9	784	46.7
Heterosexual ⁵	538	12.8	336	11.3	202	16.5	455	13.2	5,527	10.5	207	12.3
Perinatal	25	0.6	23	0.8	2	0.2	15	0.4	1,052	2.0	6	0.4
Presumed perinatal	17	0.4	17	0.6	0	0.0	4	0.1	160	0.3	1	0.1
Transfusion history	0	0.0	0	0.0	0	0.0	0	0.0	214	0.4	7	0.4
Unknown/under investigation ⁶	1,427	33.9	958	32.1	469	38.3	1,326	38.5	11,571	21.9	338	20.1
Current clinical status												
HIV (non-AIDS)	2,496	59.3	2,496	83.6	n/a	n/a	n/a	n/a	14,781	28.0	181	10.8
AIDS	1,711	40.7	488	16.4	1,223	100.0	3,444	100.0	37,993	72.0	1,497	89.2
Total (Male and Female)	6,478	100.0	4,708	72.7	1,770	27.3	5,174	100.0	75,550	100.0	2,487	100.0

PLWHA= persons living with HIV/AIDS

¹ For events occurring January through December 2001 and reported by March 31, 2003. Surveillance relies on laboratories and providers to report cases (see box). Case reporting is 85% complete within 9 months.

² HIV diagnosed concurrently with AIDS (within 31 days of HIV diagnosis). Includes 21 cases in whom HIV was diagnosed in December 2001 and AIDS was diagnosed in January 2002.

³ AIDS was diagnosed in 2001 and includes concurrent HIV/AIDS diagnosis.

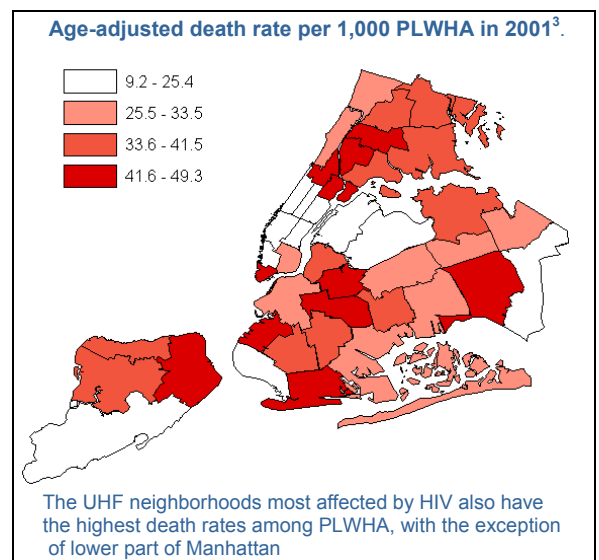
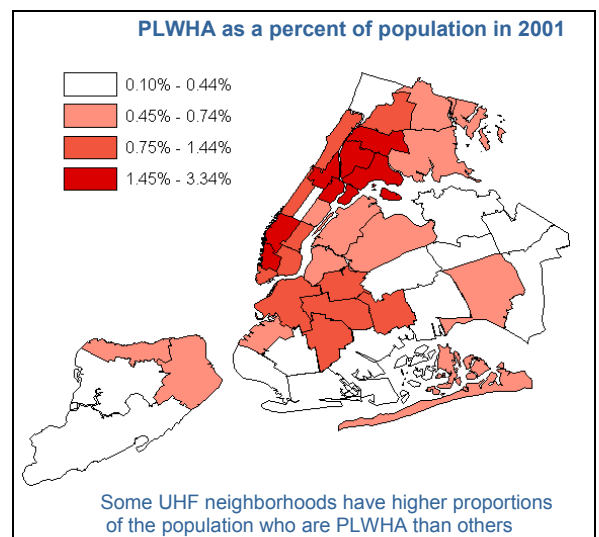
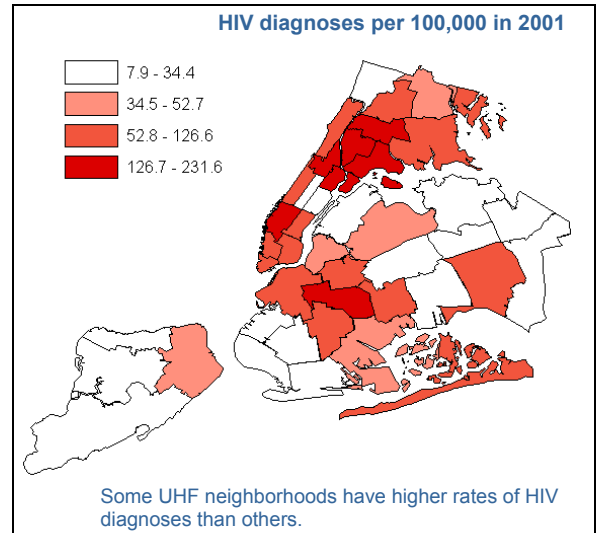
⁴ For HIV and AIDS diagnoses, age at diagnosis; for PLWHA, age as of December 31, 2001; and for deaths, age at death.

⁵ Includes persons with CDC-defined heterosexual risk in addition to persons with probable heterosexual transmission: Persons with a history of: a) sexual intercourse with an HIV-infected person of the opposite sex, an injection drug user, a bisexual male, or a person with hemophilia/coagulation disorder, b) heterosexual prostitution (sex work or exchange of sex for drugs), c) sexual contact with a prostitute of the opposite sex, d) multiple sex partners of the opposite sex, e) sexually transmitted disease, f) cocaine use, or g) immigration from a country where heterosexual transmission of HIV predominates.

⁶ Includes individuals with no risk information reported by the provider and in whom an expanded investigation has not been completed.

Rates of reported HIV diagnoses, PLWHA, and deaths among PLWHA by United Hospital Fund (UHF) neighborhood in 2001¹

	HIV diagnoses ² per 100,000 population	Reported PLWHA as a percent of population	Age-adjusted death rate per 1,000 PLWHA ³	Population from 2000 Census
Total	80.9	0.9	33.6	8,008,278
Children (0-12 years)	6.2	0.1	2.9	1,429,677
Adults/Adolescents (13+ years)	97.1	1.1	34.3	6,578,601
Bronx⁴	120.7	1.2	43.2	1,327,690
Hunts Point-Mott Haven	210.8	1.8	41.5	122,875
High Bridge-Morrisania	185.0	1.8	44.0	189,755
Crotona-Tremont	174.4	1.6	43.0	199,530
Fordham-Bronx Park	111.0	1.1	38.7	250,491
Pelham-Throgs Neck	71.0	0.8	37.7	290,052
Northeast Bronx	52.7	0.5	37.4	185,998
Kingsbridge-Riverdale	29.2	0.4	30.4	88,989
Manhattan⁴	116.8	1.7	31.4	1,529,375
Central Harlem-Morningside Heights	231.6	2.0	49.3	151,113
Chelsea-Clinton	226.8	3.3	18.4	122,998
East Harlem	165.6	2.1	45.0	108,092
Greenwich Village-SoHo	99.2	1.9	12.6	83,709
Lower Manhattan	97.1	0.9	47.1	30,895
Union Square-Lower East Side	88.3	1.3	26.1	197,138
Upper West Side	88.2	1.2	22.8	222,109
Washington Heights-Inwood	84.2	0.9	26.8	270,677
Gramercy Park-Murray Hill	78.7	1.3	21.4	124,477
Upper East Side	30.3	0.5	24.4	218,167
Brooklyn⁴	72.9	0.8	43.5	2,465,326
Bedford Stuyvesant-Crown Heights	160.7	1.3	46.2	317,296
Williamsburg-Bushwick	126.6	1.2	46.3	194,305
East New York	101.9	1.0	40.6	173,716
East Flatbush-Flatbush	95.0	0.8	41.5	316,734
Downtown-Heights-Park Slope	78.7	1.1	31.0	214,696
Greenpoint	46.6	0.6	40.3	124,449
Canarsie-Flatlands	46.5	0.4	28.8	197,819
Sunset Park	32.4	0.5	43.3	120,441
Coney Island-Sheepshead Bay	24.7	0.3	47.8	286,901
Borough Park	14.2	0.2	35.8	324,411
Bensonhurst-Bay Ridge	12.8	0.2	21.7	194,558
Queens⁴	40.4	0.5	31.5	2,242,159
Rockaway	71.2	0.5	29.9	106,738
Jamaica	67.2	0.6	45.5	285,568
West Queens	47.5	0.6	25.4	477,516
Long Island City-Astoria	34.4	0.5	18.9	220,960
Southwest Queens	30.4	0.3	26.6	269,952
Southeast Queens	29.5	0.3	25.1	203,670
Ridgewood-Forest Hills	27.8	0.3	31.7	240,901
Flushing-Clearview	15.7	0.2	37.3	255,542
Fresh Meadows	15.0	0.2	31.5	93,148
Bayside-Little Neck	7.9	0.1	33.5	88,164
Staten Island⁴	25.9	0.3	46.8	443,728
Stapleton-St. George	48.2	0.5	44.1	116,227
Port Richmond	31.9	0.4	36.2	62,788
South Beach-Tottenville	12.8	0.1	9.2	179,892
Willowbrook	10.6	0.1	39.0	84,821



PLWHA = Persons living with HIV/AIDS

¹ Based on data reported through March 31, 2003.

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

³ Age-adjusted to the city-wide population of PLWHA at the end of 2001.

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