

2009



data collection report

AIDS
network
of Western New York

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Introduction

This report of the Data Collection Committee adopted by the AIDS Network of Western New York is subject to a number of limitations – like most statistical data of any epidemic. The report attempts to collect information that gives a reasonably accurate assessment of the number of individuals who are currently infected with HIV disease in the eight counties of Western New York.

In collecting the data, the committee looked primarily at The Centers for Disease Control and Prevention (CDC) reported cases of diagnosed AIDS, statistics from testing facilities reporting HIV infections, and agencies that provide HIV/AIDS medical care during a twelve month period. It is possible that some individuals changed their medical provider during that period and so were counted twice – but the committee believes this is a small number of the total unduplicated count. Our numbers are also subject to the normal lags present in statistical reporting of all diseases.

Despite these limitations, we believe the 2009 Report presents a fairly accurate “snapshot” of the HIV/AIDS epidemic in Western New York.

Premises

- There are approximately 56,300 new infections in the United States per year and a cumulative AIDS diagnosed case total of 982,498 (2006). Western New York has a cumulative total of 2,688 cases reported representing .27% of the epidemic in the United States or approximately 152 new cases per year.
- The Centers for Disease Control and Prevention estimates approximately .003%-.004% of the U.S. population is living with HIV/AIDS. The U.S. Census Bureau projected the Western New York region's 2007 population to be 1,534,277. Based on this data the number of individuals living with HIV/AIDS in the region would be 4,603-6,137.
- The Centers for Disease Control & Prevention reports at the end of 2003 an estimated 1,039,000 to 1,185,000 persons in the United States were living with HIV/AIDS, with approximately 21% undiagnosed and unaware of their HIV infection.

Living HIV/AIDS Cases in Western New York

There are several formulas that can be used when estimating Living HIV/AIDS cases based on the premises listed above. Utilizing projections based on the various formulas, the number of living HIV/AIDS cases in the eight county Western New York region could range from 2,827-6,137. The AIDS Network's Data Collection Workgroup elected to use the most conservative estimate (2,827) in this report.



DATA COLLECTION REPORT
Prepared October 2009

	Cumulative WNY AIDS Reported Cases 2007 ¹	Reported WNY Living HIV/AIDS Cases 2007 ²	Newly Diagnosed WNY HIV & AIDS 2007 ³	Estimated WNY Living HIV&AIDS as of June 2009 ⁴	Currently Receiving Services in WNY-2008 (unduplicated) ⁵	Those Not Receiving Services
Total	2,688	2,175	130	2,827	1,825	1,002
						35%
<i>Gender</i>						
Male	2,047 (76.2%)	1,476 (67.9%)	91 (70%)	1,920	1,263	
Female	641 (23.8%)	699 (32.1%)	39 (30%)	907	562	
<i>Race/Ethnicity</i>						
White	1,137 (42.3%)	822 (37.8%)	45 (34.6%)	1,069	742	
Black	1,156 (43.0%)	905 (41.6%)	64 (49.2%)	1,176	799	
Hispanic	314 (11.7%)	316 (14.5%)	14 (10.8%)	410	243	
Native American	10 (0.4%)	8 (0.4%)	1 (0.8%)	11	15	
Asian/Pacific Islander	6 (0.2%)	7 (0.3%)	2 (1.5%)	8	21	
Multi Race	60 (2.2%)	117 (5.4%)	4 (3.1%)	153	5	
Other/Unknown	5 (0.2%)					
<i>Age</i>						
<13	21 (0.8%)	11 (0.5%)		14	8	
13-19	30 (1.1%)	30 (1.4%)	6 (4.6%)	40	22	
20-24	107 (4.0%)	72 (3.3%)	11 (8.5%)	94	38	
25-29	298 (11.1%)	127 (5.8%)	19 (14.6%)	164	93	
30-39	1,029 (38.3%)	451 (20.7%)	34 (26.2%)	586	326	
40-49	819 (30.5%)	843 (38.8%)	40 (30.8%)	1,097	786	
50-59	296 (11.0%)	490 (22.5%)	19 (14.6%)	637	429	
60+	88 (3.3%)	151 (6.9%)	1 (0.8%)	195	123	
<i>Risk Category</i>						
MSM	1,160 (43.2%)	872 (40.1%)	65 (50.0%)	1,133	716	
IDU	709 (26.4%)	389 (17.9%)	11 (8.5%)	506	205	
MSM/IDU	125 (4.7%)	97 (4.5%)	6 (4.6%)	127	39	
Heterosexual	488 (18.2%)	592 (27.2%)	28 (21.5%)	769	710	
Blood Products	36 (1.3%)	15 (0.7%)		42	13	
Pediatric	31 (1.2%)	32 (1.5%)		231	26	
Other/Unknown	139 (5.2%)	178 (8.2%)	20 (15.4%)		116	
Total Deceased	513					
Total PLWHA	2,175					

¹ Data on cumulative AIDS cases as reported by the NY State Dept. of Health, AIDS cases reported and confirmed from 1983-December 2008 (excludes prisoners)

² Data on Living HIV/AIDS Cases as reported by the NY State Dept. of Health, HIV cases reported and confirmed through December 2008, (Data excludes prisoners)

³ Data on Newly Diagnosed HIV/AIDS cases as reported by the NY State Dept. of Health, cases reported and confirmed through December 2008

⁴ Projections were obtained with CDC (2008) estimates of 21% average of individuals undiagnosed and unaware of their HIV infection.

⁵ 2006 Survey data obtained from AIDS Community Services, Erie County Medical Center, Mercy Health Center, Veterans Administration Healthcare System-Buffalo, and Women & Children's Hospital of Buffalo

**Persons Living with HIV/AIDS Cases by County⁶
as of December 2007**

County of Residence At Time of Diagnosis	Living with HIV		Living with AIDS		Cumulative AIDS	
	Excluding Prisoners	Including Prisoners	Excluding Prisoners	Including Prisoners	Excluding Prisoners	Including Prisoners
Allegany	9	9	13	14	24	25
Cattaraugus	17	34	32	65	58	96
Chautauqua	83	128	81	106	139	169
Erie	712	798	956	1,070	2,100	2,324
Genesee	24	28	24	33	48	57
Niagara	68	72	95	99	247	253
Orleans	15	181	29	255	52	391
Wyoming	7	98	7	168	20	349

HIV Uninsured Care Program Enrollment⁷

	ADAP	ADAP Plus	Home Care	APIC
Allegany	4	3	0	2
Cattaraugus	15	10	0	1
Chautauqua	53	37	1	9
Erie	473	362	10	39
Genesee	9	8	0	1
Niagara	45	29	0	4
Orleans	22	18	0	2
Wyoming	11	11	0	1
Total	632	478	11	59

⁶ New York State Department of Health – *NY State HIV/AIDS Surveillance Semiannual Report*; Cases Diagnosed through Dec. 2007

⁷ New York State Department of Health – *Uninsured Care Program Enrollment*; January 1, 2008 – December 1, 2008