



SHELBY COUNTY HEALTH DEPARTMENT



Public Health
Prevent. Promote. Protect.

HIV Disease in Shelby County, 2010

Table 1. Number of Newly Diagnosed HIV Disease[†] Cases, AIDS Cases and Persons Living with HIV/AIDS (PLWHA) by Selected Demographics, Shelby County Residents, 2010

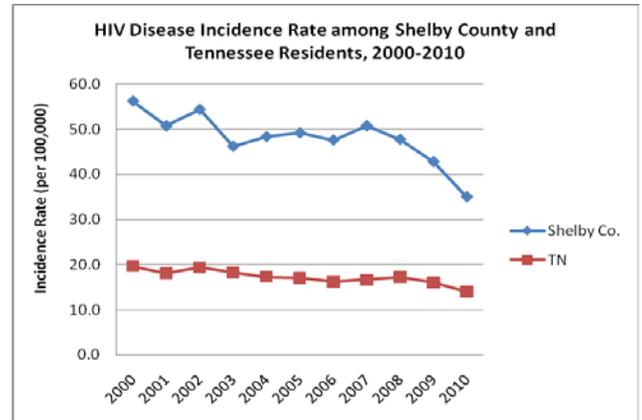
	HIV Disease [†] Cases, 2010		AIDS Cases, 2010		PLWHA [‡] as of 12/31/2010	
	N	%	N	%	N	%
TOTAL	325		181		6633	
Gender						
Female	86	26.5%	58	32.0%	2109	31.8%
Male	239	73.5%	123	68.0%	4524	68.2%
Age[§]						
0 -- 9	*	*	0	0.0%	26	0.4%
10 -- 14	0	0.0%	*	*	19	0.3%
15 -- 19	19	5.8%	6	3.3%	44	0.7%
20 -- 24	62	19.1%	31	17.1%	329	5.0%
25 -- 34	95	29.2%	49	27.1%	1363	20.5%
35 -- 44	66	20.3%	58	32.0%	2006	30.2%
45 -- 54	54	16.6%	23	12.7%	1908	28.8%
55 -- 64	26	8.0%	12	6.6%	755	11.4%
65+	*	*	*	*	183	2.8%
Race/Ethnicity						
Non-Hispanic Black	293	90.2%	155	85.6%	5541	83.5%
Non-Hispanic White	17	5.2%	17	9.4%	938	14.1%
Hispanic, All Races	14	4.3%	*	*	109	1.6%
Other Race	*	*	*	*	45	0.7%
Risk Transmission Category						
Heterosexual	80	24.6%	68	37.6%	2015	30.4%
Male-to-Male Sex (MSM)	82	25.2%	50	27.6%	2655	40.0%
Injection Drug Use (IDU)	*	*	*	*	259	3.9%
MSM/IDU	0	0.0%	0	0.0%	114	1.7%
Perinatal exposure	*	*	0	0.0%	65	1.0%
Blood	0	0.0%	*	*	19	0.3%
Unknown	162	49.8%	59	32.6%	1506	22.7%

[†] HIV disease cases include persons with a new diagnosis of HIV infection, which may include persons concurrently diagnosed with AIDS.

[‡] PLWHA includes all persons who were currently living with HIV or AIDS as of December 31, 2010 in Shelby County.

* Case counts of less than five are not released due to privacy and confidentiality restrictions. Additional cells may be suppressed to prohibit back-calculation.

[§] Age represented as age at diagnosis for HIV Disease and AIDS cases; age represented as current age as of December 31, 2010 for PLWHA.



Summary

HIV Disease

Over the past ten years, the rate of new HIV disease cases among Shelby County residents decreased by approximately 38%, but it remained 2.5 times greater than the state incidence rate in 2010 (35 cases per 100,000 Shelby County residents).

A total of 325 new HIV disease cases were diagnosed among Shelby County residents in 2010. The majority of new infections were male (73.5%), Non-Hispanic Black individuals (90.2%), and distributed between the ages of 20 and 44 (68.6%). High-risk heterosexual contact (24.6%) and men who have sex with men (MSM) (25.2%) represented the largest risk transmission categories, but almost half of the new cases did not have any identified or reported risk. Less than five cases of perinatal exposure were reported in 2010.

AIDS Diagnoses

A total of 181 new AIDS diagnoses were reported among Shelby County residents in 2010. The demographic distribution among AIDS Diagnoses mirrors the distribution reported among HIV disease diagnoses.

People Living with HIV or AIDS (PLWHA)

By the end of 2010, 6,633 Shelby County residents were estimated to be currently living with HIV or AIDS in Shelby County. The majority of these persons were male (68.2%), Non-Hispanic Black individuals (83.5%), and between the ages of 25-54 (79.5%). Forty percent of all PLWHA were infected through MSM contact, followed by 30.4% through heterosexual contact. Approximately 4% of PLWHA were infected through injection drug use (IDU), while almost 2% identified both MSM and IDU as a risk transmission category.