

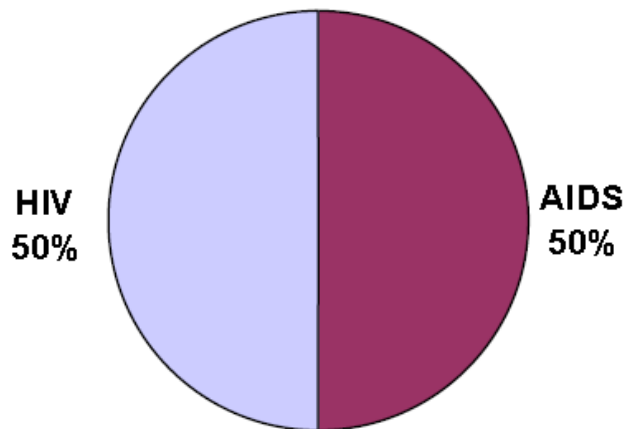
APPENDIX B: EPIDEMIOLOGICAL PROFILE DATA

COMPARISON OF NEWARK EMA AND COUNTIES/REGIONS

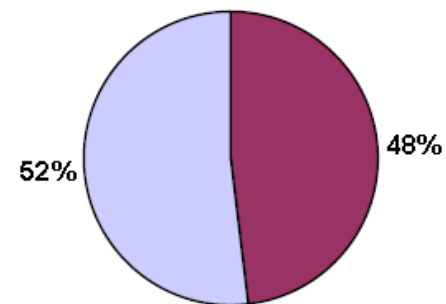
This section expands upon Part 1 section 2. Epidemiological Profile. It provides data in pie chart format comparing epidemiological data as of 12/31/07 for the Newark EMA and Essex County, Union County and the Morris/Sussex/Warren County region. Topics include HIV versus AIDS, gender, race/ethnicity, age, and exposure category (total, male and female).

PEOPLE LIVING WITH HIV OR AIDS - 12/31/07

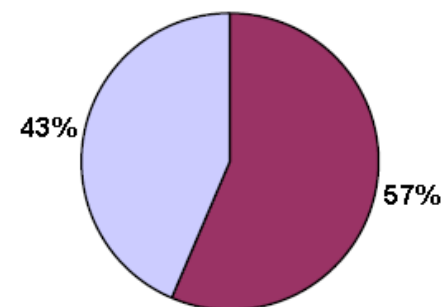
NEWARK EMA



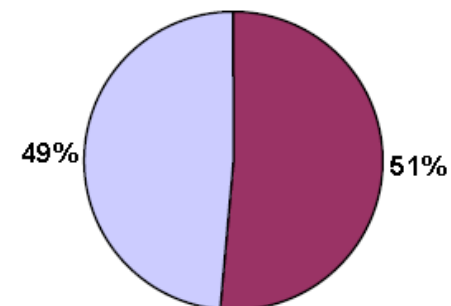
ESSEX



UNION

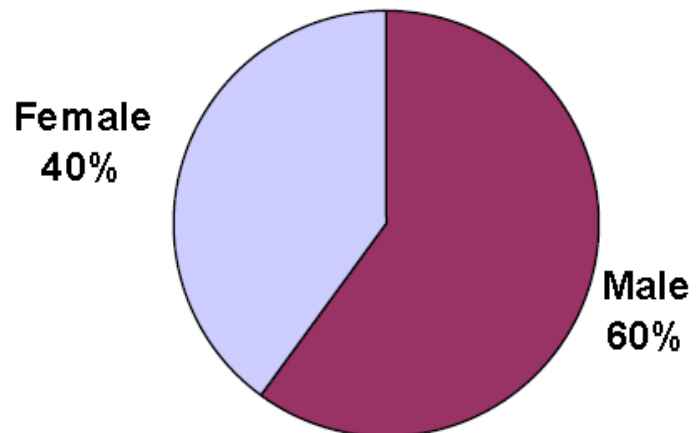


MORRIS, SUSSEX, WARREN

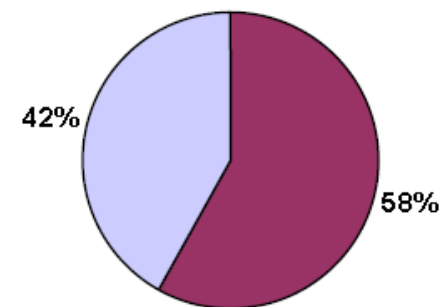


PLWHA BY GENDER - 12/31/07

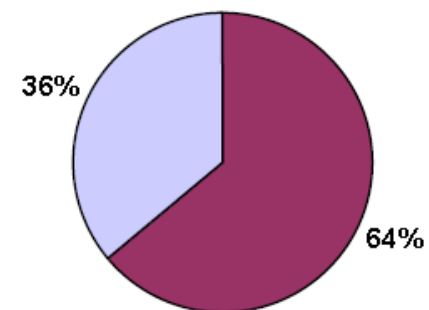
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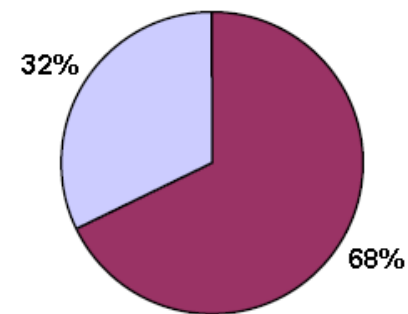
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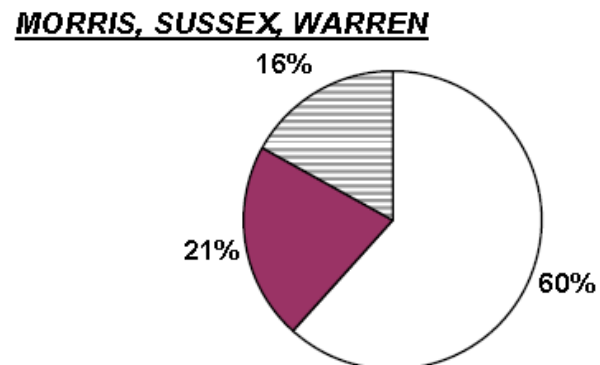
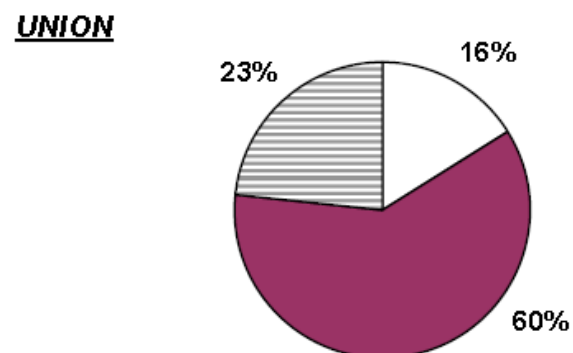
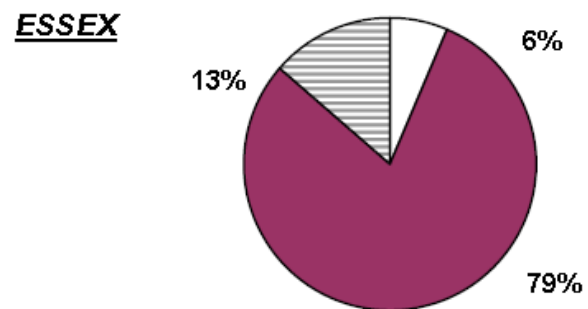
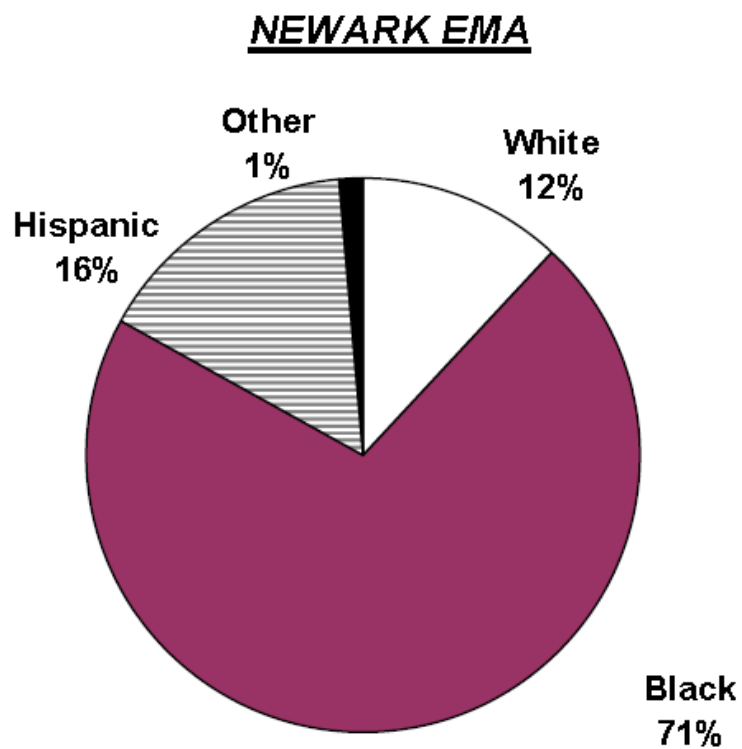
UNION



MORRIS, SUSSEX, WARREN

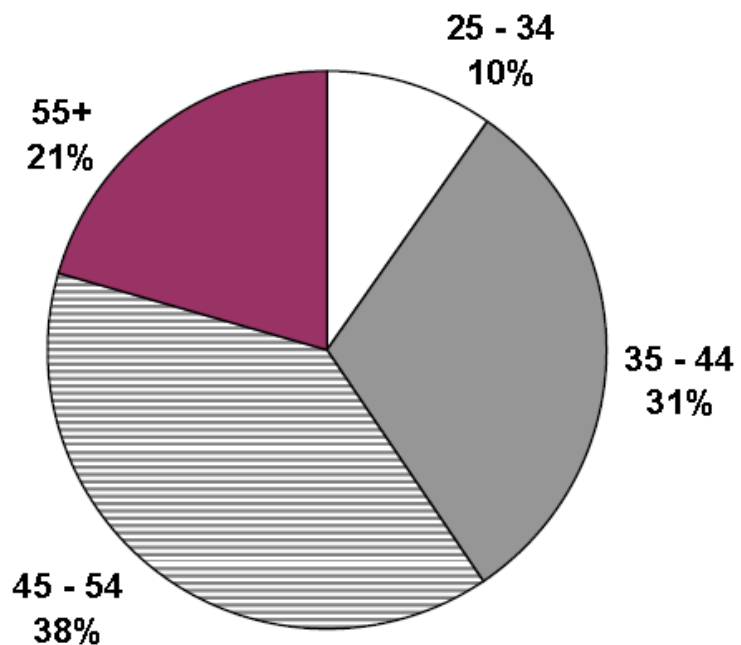


PLWHA BY RACE/ETHNICITY - 12/31/07

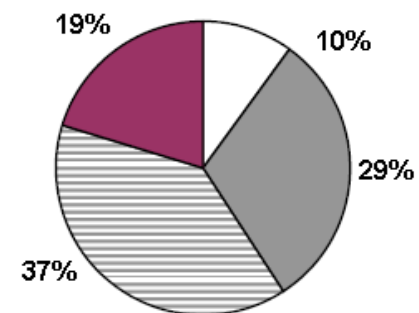


ADULT PLWHA BY CURRENT AGE - 12/31/07

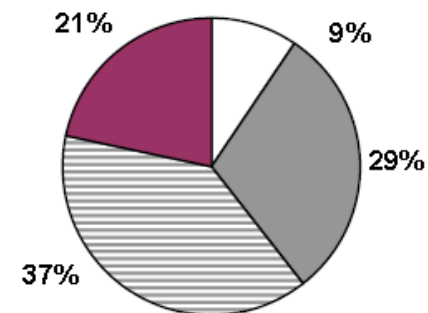
NEWARK EMA



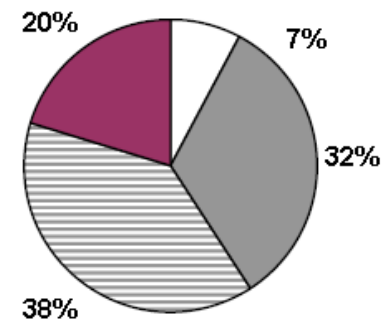
ESSEX



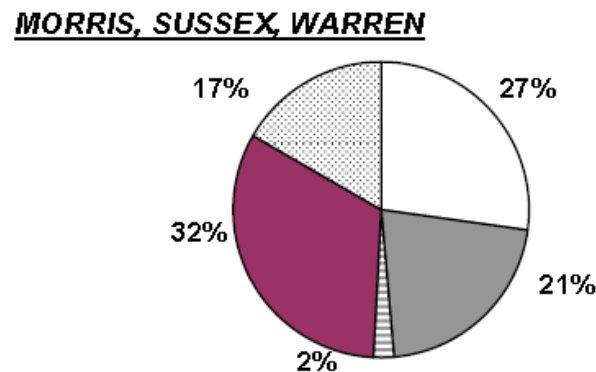
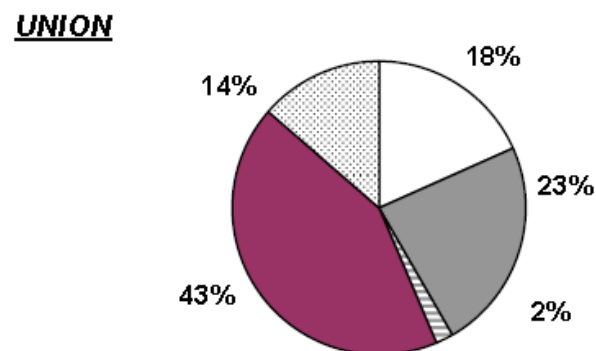
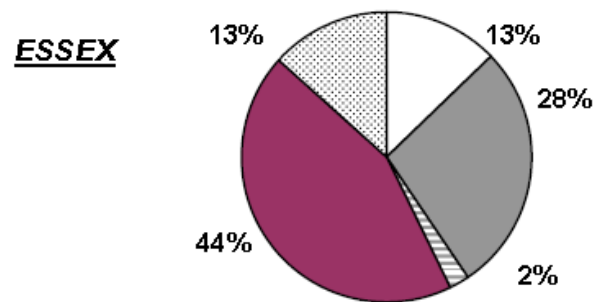
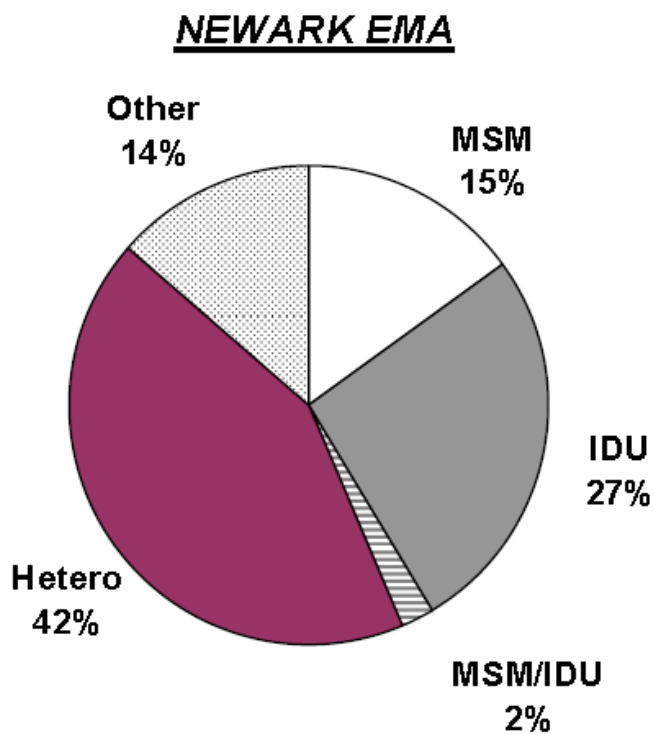
UNION



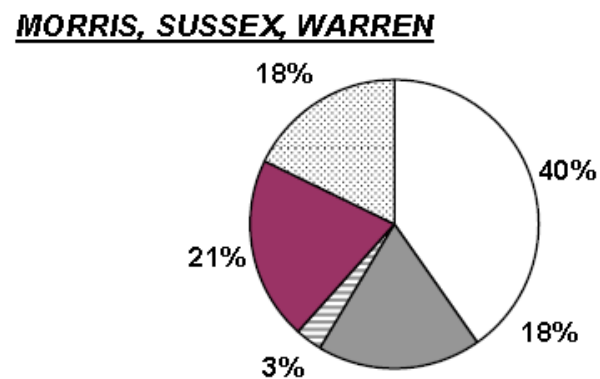
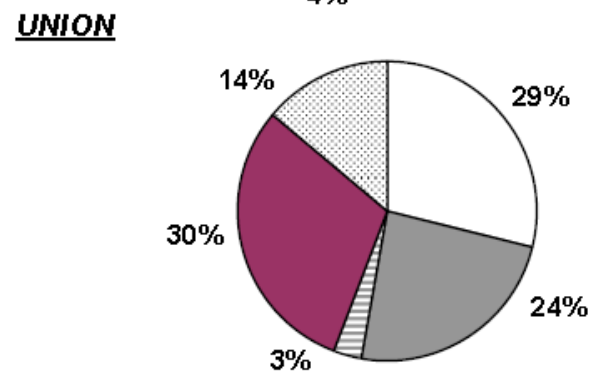
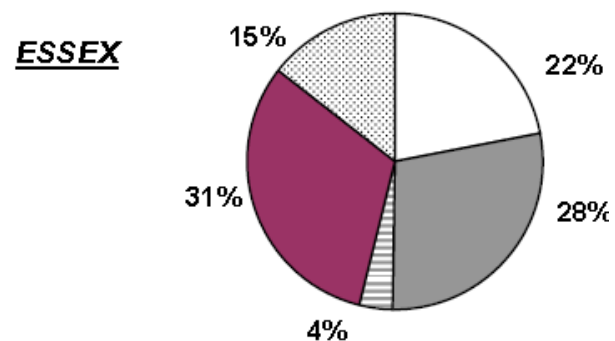
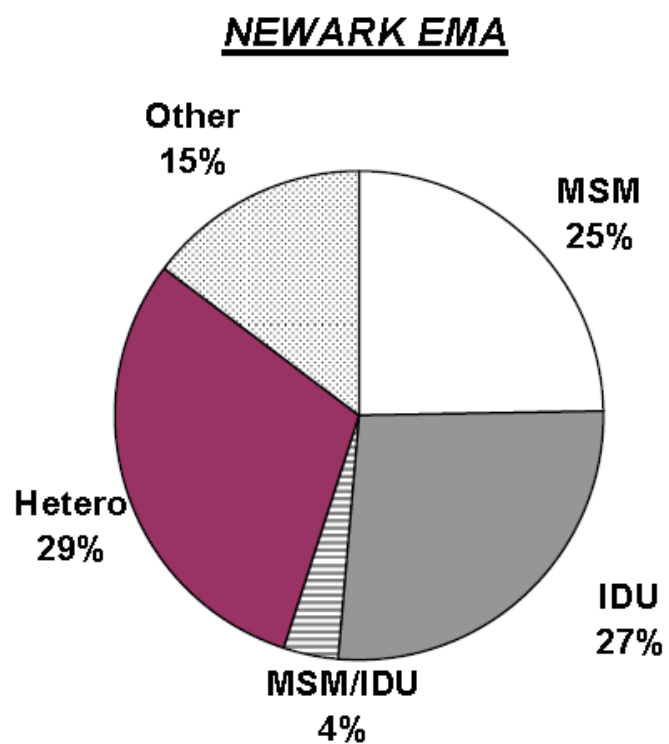
MORRIS, SUSSEX, WARREN



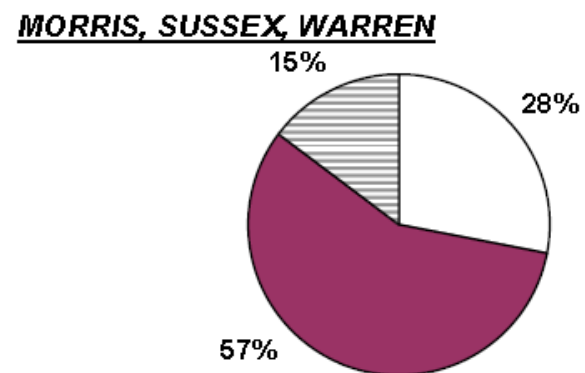
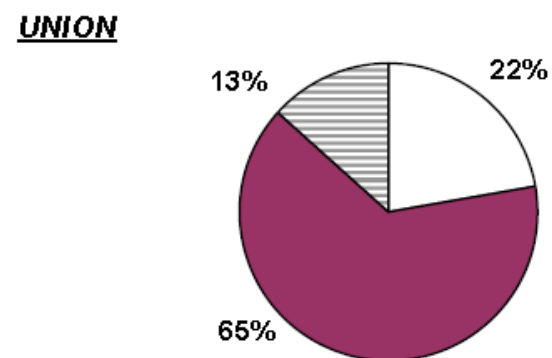
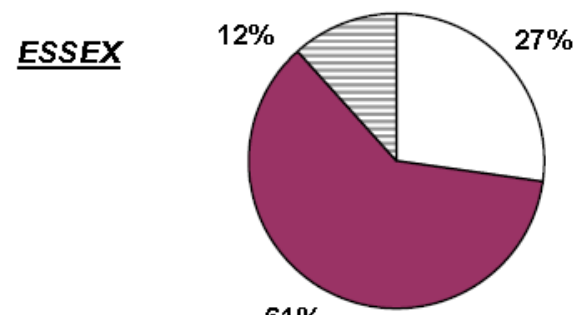
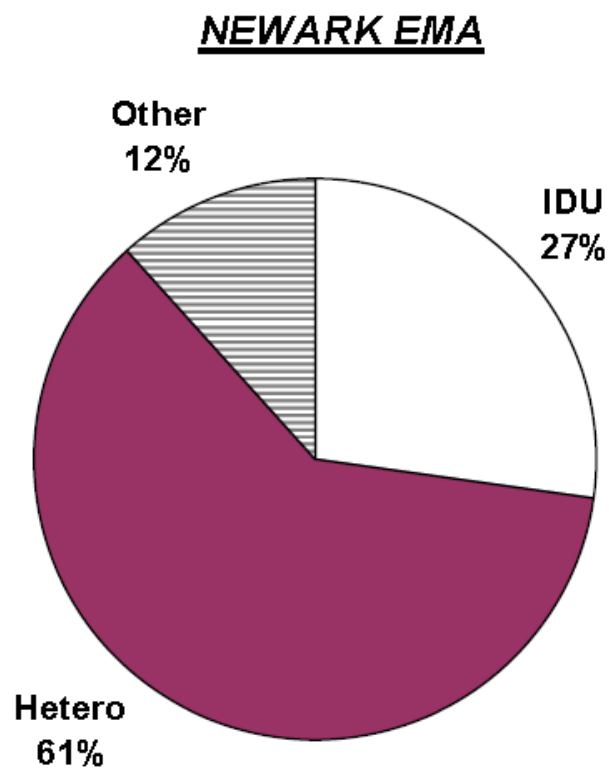
TOTAL ADULT PLWHA BY EXPOSURE CATEGORY - 12/31/07



MALE ADULT PLWHA BY EXPOSURE CATEGORY - 12/31/07



FEMALE ADULT PLWHA BY EXPOSURE CATEGORY - 12/31/07



TRENDS IN HIV/AIDS 1999-2007

This section provides detailed data tables for people living with HIV and those living with AIDS from the period 1999-2007. It also provides more figures (graphs) showing the trends for each county and each of the five large cities in the EMA.

Introduction. Surveillance data of the New Jersey Department of Health and Senior Services (NJDHSS), Division of HIV/AIDS Services (DHAS) show the total number of people living with HIV disease and AIDS annually as of December 31, 1999 through December 31, 2006. Trends in HIV and AIDS were computed from these data. DHAS revised its reporting of HIV cases starting in January 1, 2002 to only confirmed cases of HIV. This change resulted in a reduction in total number of HIV cases. It was most noticeable among infants (whose mothers have HIV/AIDS) and pediatric HIV cases, but affected all people with HIV. Thus the data from 2001 to 2002 appear to show a decline in HIV, which is actually a reporting adjustment. Trends from 2002 to 2003 show increases and trends through 2007 show that the pace of HIV infection in the Newark EMA is consistent with statewide trends.

Percent of NJ People with AIDS and HIV. The Newark EMA has a slightly higher percent of the state's people living with HIV than AIDS – 39% and 38%, respectively. This indicates that a commensurate number of individuals are being diagnosed in the Newark EMA and the state, and that once diagnosed, PLWHA are getting into medical treatment early which prevents progression of their disease from HIV to AIDS. See Table B-1.

Table B-1: Percent of New Jersey People With AIDS and HIV in Newark EMA – December 31 of the Year Shown

Disease Category	1999	2000	2001	2002	2003	2004	2005	2006	2007
	%	%	%	%	%	%	%	%	%
AIDS	39%	39%	38%	38%	38%	38%	38%	38%	38%
HIV	40%	40%	41%	39%	39%	39%	39%	39%	40%
Total	40%	40%	39%	39%	38%	38%	38%	38%	39%

Source: N.J. Dept. Health & Senior Services, Division of HIV/AIDS Services.

Note: As of 2002 NJDHSS changed reporting of HIV disease to confirmed cases of HIV.

Table B-2: Persons Living With HIV and AIDS in the Newark EMA and New Jersey from 2001 –2007

	12/31/2001		12/31/2002		12/31/2003		12/31/2004		12/31/2005		12/31/2006		12/31/2007	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Newark EMA														
AIDS	6,093	51%	6,093	52%	6,231	52%	6,534	52%	6,513	52%	6,509	50%	6,608	50%
HIV	5,961	49%	5,530	48%	5,725	48%	6,035	48%	6,122	48%	6,398	50%	6,635	50%
Total	12,054		11,623		11,956		12,569		12,635		12,907		13,243	
Essex County														
AIDS	4,415	49%	4,380	51%	4,418	51%	4,664	50%	4,636	50%	4,612	48%	4,667	48%
HIV	4,613	51%	4,230	49%	4,320	49%	4,623	50%	4,706	50%	4,918	52%	5,057	52%
Total	9,028		8,610		8,738		9,287		9,342		9,530		9,724	
Morris County														
AIDS	316	57%	332	58%	338	58%	351	57%	353	56%	353	55%	358	53%
HIV	234	43%	244	42%	247	42%	268	43%	276	44%	293	45%	314	47%
Total	550		576		585		619		629		646		672	
Sussex County														
AIDS	45	46%	54	50%	56	47%	59	49%	60	49%	639	47%	70	48%
HIV	52	54%	53	50%	62	53%	61	51%	62	51%	71	53%	76	52%
Total	97		107		118		120		122		134		146	
Union County														
AIDS	1,276	56%	1,283	57%	1,325	58%	1,408	58%	1,412	58%	1,432	58%	1,461	57%
HIV	1,016	44%	955	43%	961	42%	1,025	42%	1,019	42%	1,057	42%	1,124	43%
Total	2,292		2,238		2,286		2,433		2,431		2,489		2,585	
Warren County														
AIDS	41	47%	44	48%	47	49%	52	47%	52	47%	49	45%	52	47%
HIV	46	53%	48	52%	48	51%	58	53%	59	53%	59	55%	64	53%
Total	87		92		95		110		111		108		116	

Source: N.J. Dept. Health & Senior Services, Division of HIV/AIDS Services.

Note: As of 2002 NJDHSS changed reporting of HIV disease to confirmed cases of HIV.

NOTE: Data for years 1999 and 2000 are available in the 2007-2009 Comprehensive Health Plan.

**Table B-1: Persons Living With HIV and AIDS in the Newark EMA and New Jersey from 2001 –2007
 (CONTINUED)**

	12/31/2001		12/31/2002		12/31/2003		12/31/2004		12/31/2005		12/31/2006		12/31/2007	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
3 County Region – Morris, Sussex, Warren Counties														
AIDS	402	55%	430	55%	445	55%	462	54%	465	54%	465	52%	480	51%
HIV	332	45%	345	45%	364	45%	387	46%	397	46%	423	48%	454	49%
Total	734		775		809		849		862		888		934	
5 Cities – East Orange, Elizabeth, Irvington, Newark, Plainfield														
AIDS	4,621	50%	4,583	52%	4,758	52%	4,875	51%	4,827	51%	4,811	49%	4,871	49%
HIV	4,656	50%	4,285	48%	4,339	48%	4,641	49%	4,711	49%	4,910	51%	5,052	51%
Total	9,277		8,868		9,097		9,516		9,538		9,721		9,923	
New Jersey														
AIDS	15,837	52%	16,017	53%	16,601	53%	17,401	53%	17,286	53%	17,330	52%	17,484	51%
HIV	14,698	48%	14,056	47%	14,719	47%	15,345	47%	15,599	47%	16,293	48%	16,715	49%
Total	30,535		30,073		31,320		32,746		32,885		33,623		34,199	
Rest of New Jersey Outside of EMA														
AIDS	9,744	53%	9,924	53%	10,370	54%	10,867	54%	10,773	53%	10,821	52%	10,876	52%
HIV	8,737	47%	8,526	47%	8,994	46%	9,310	46%	9,477	47%	9,895	48%	10,080	48%
Total	18,481		18,450		19,364		20,177		20,250		20,716		20,956	

Source: N.J. Dept. Health & Senior Services, Division of HIV/AIDS Services.

Note: As of 2002 NJDHSS changed reporting of HIV disease to confirmed cases of HIV.

NOTE: Data for years 1999 and 2000 are available in the 2007-2009 Comprehensive Health Plan.

Figure B-1: Trends in HIV and AIDS in Essex County, 1999-2007

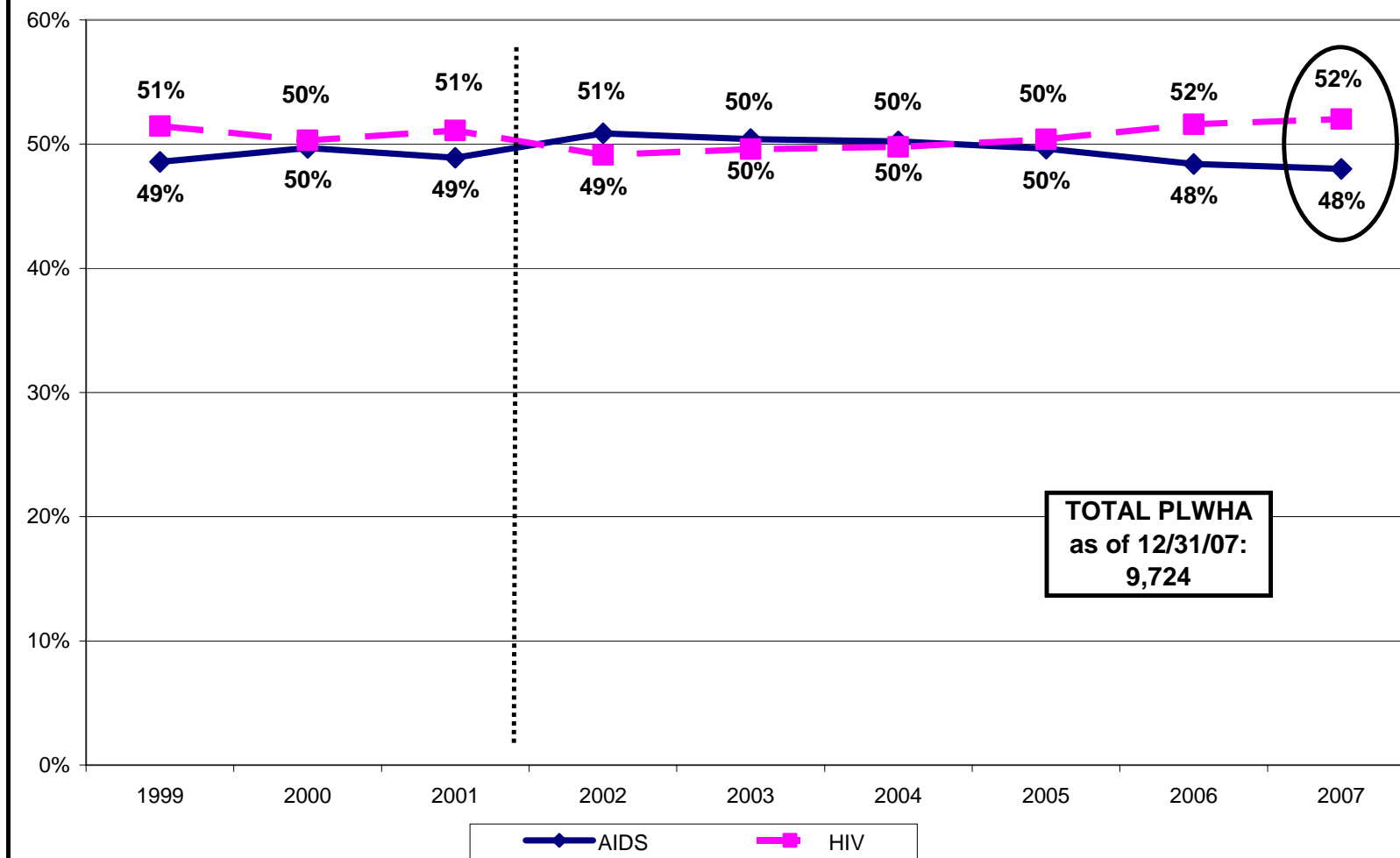
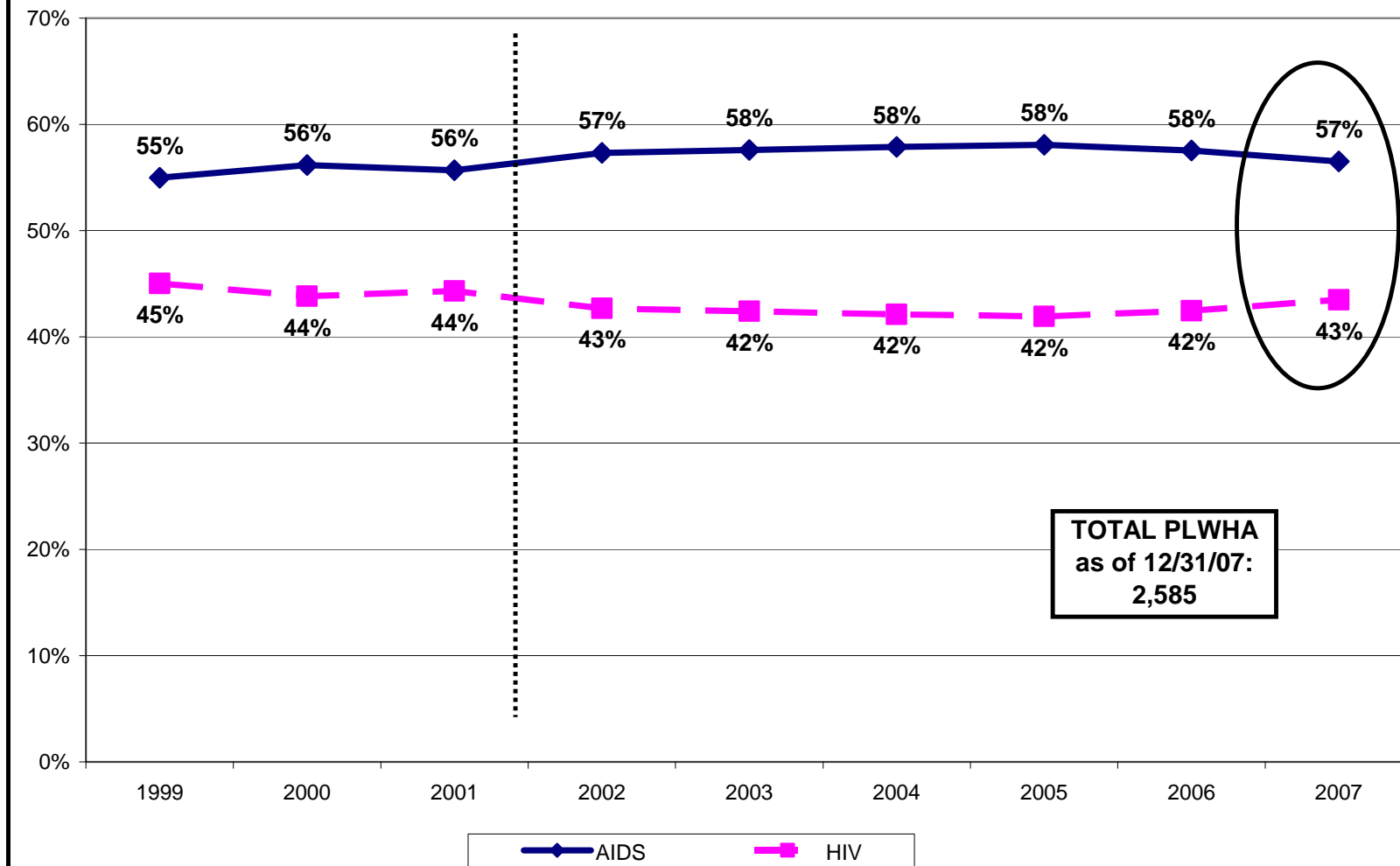
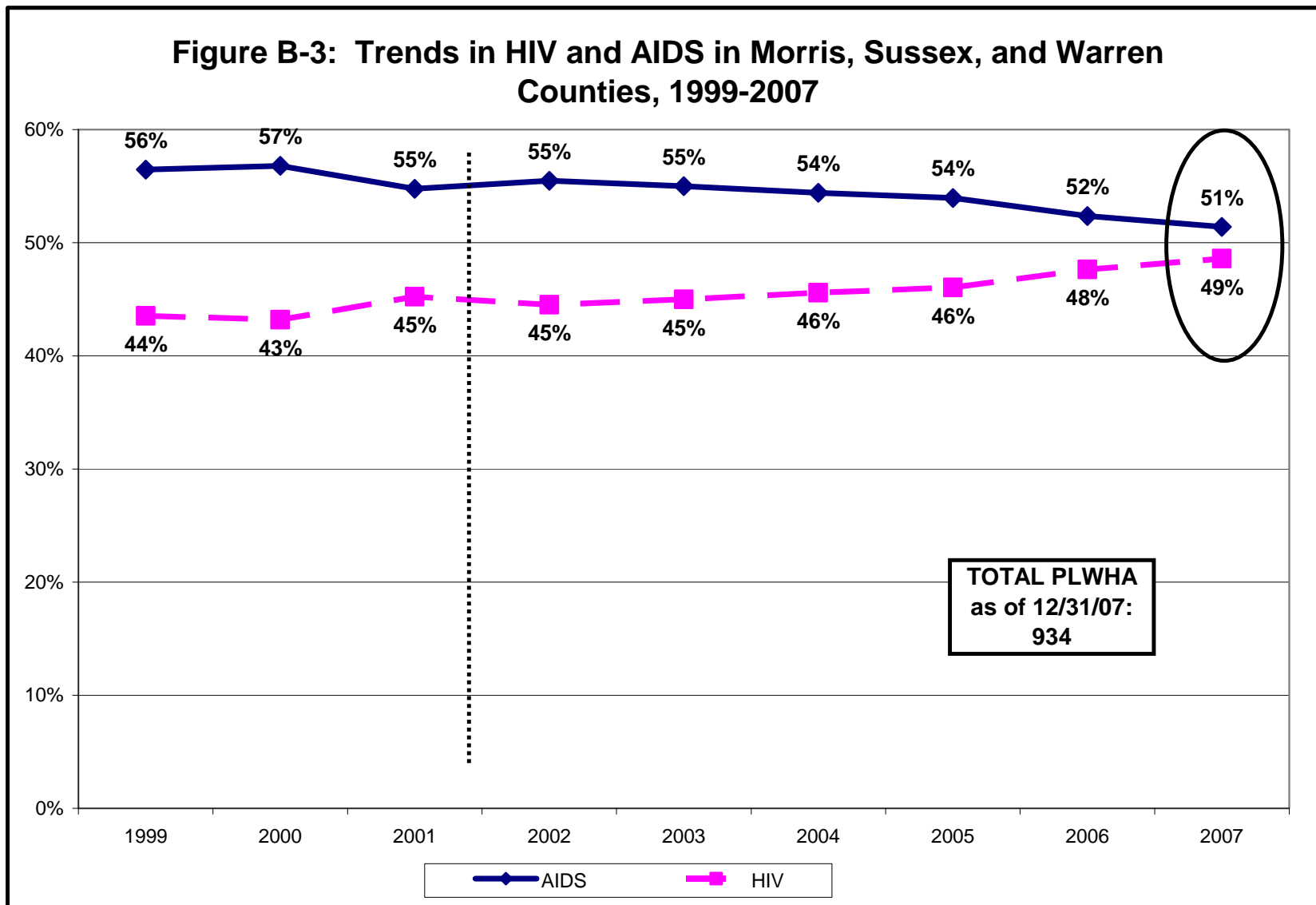
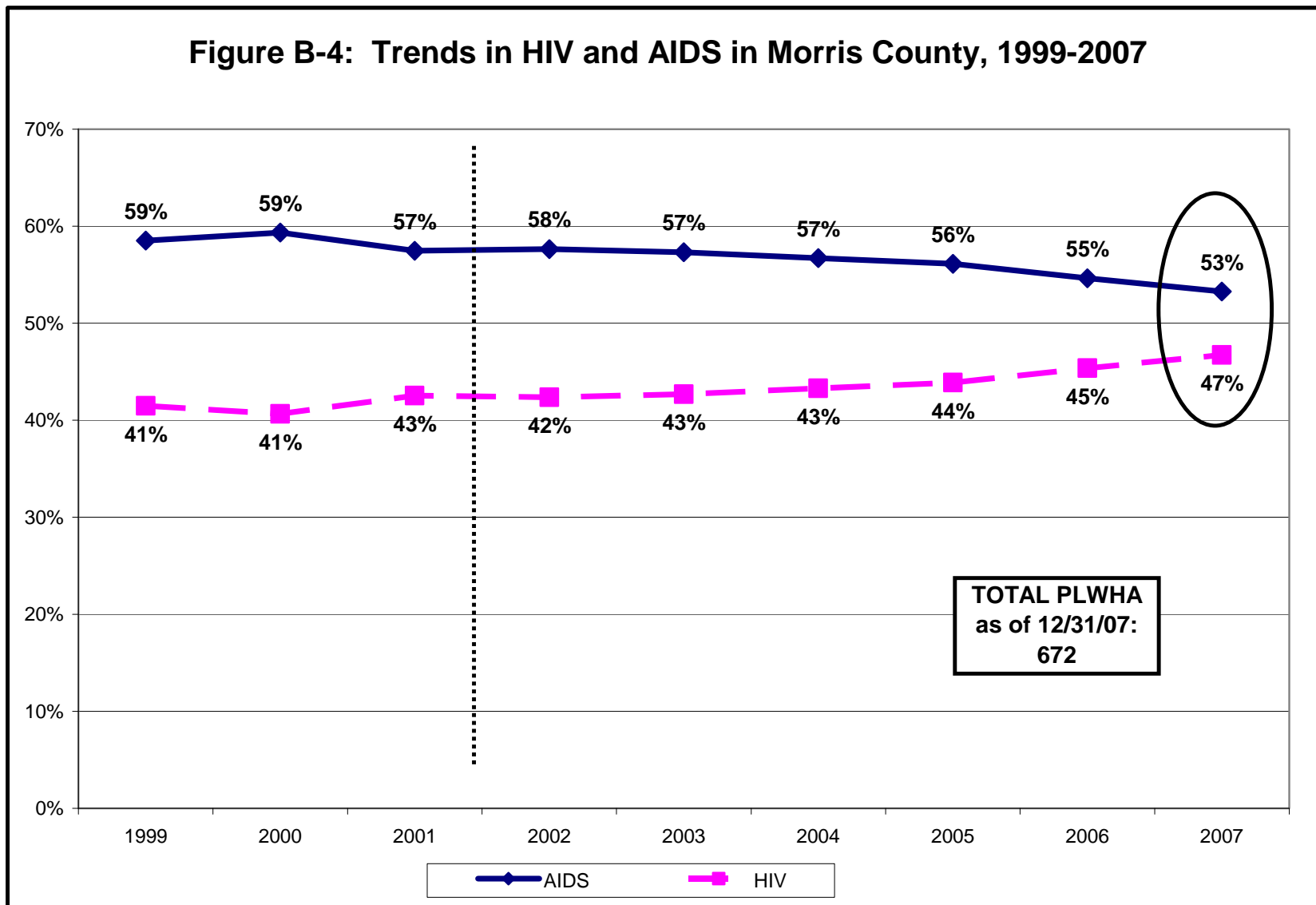
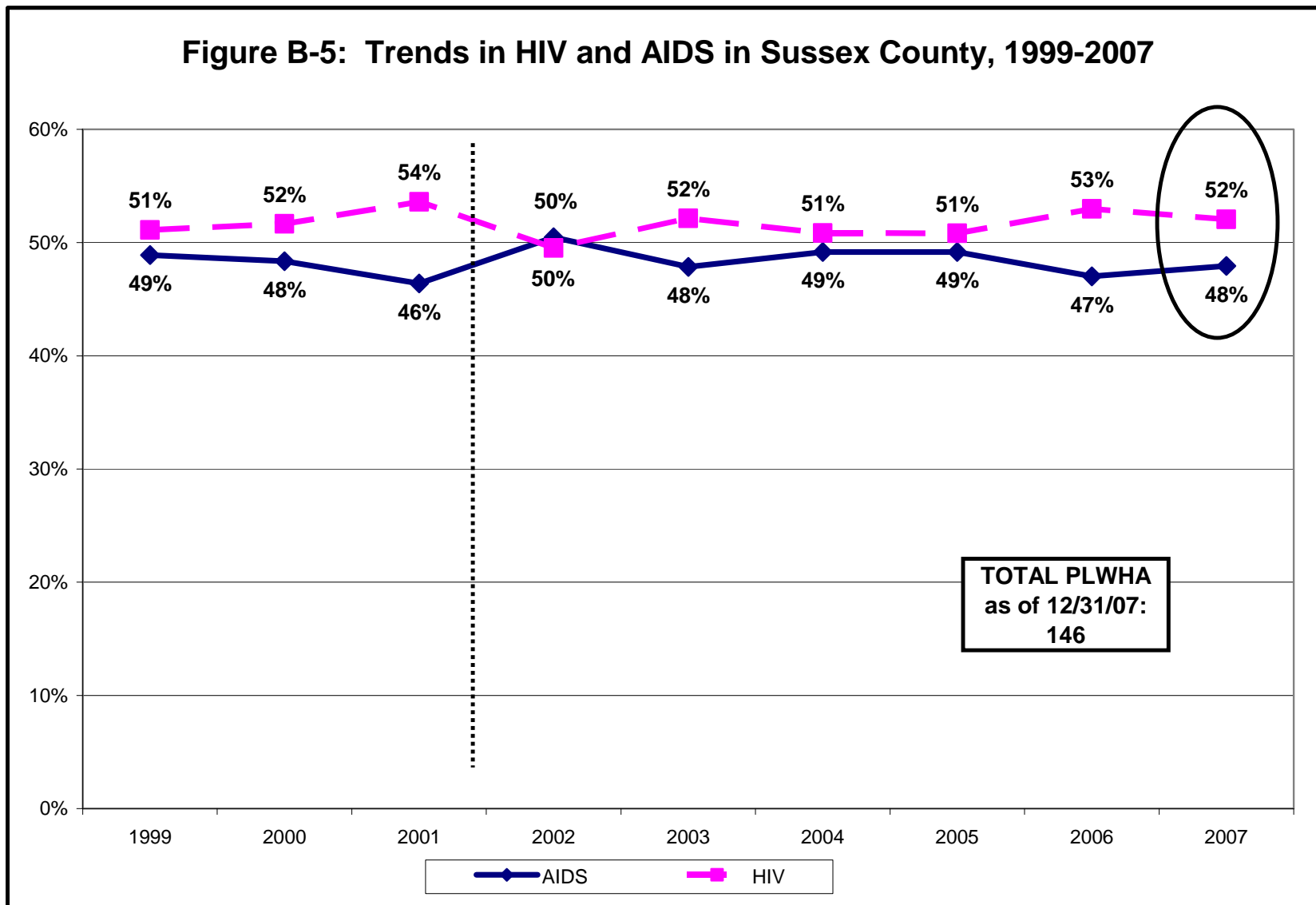


Figure B-2: Trends in HIV and AIDS in Union County, 1999-2007









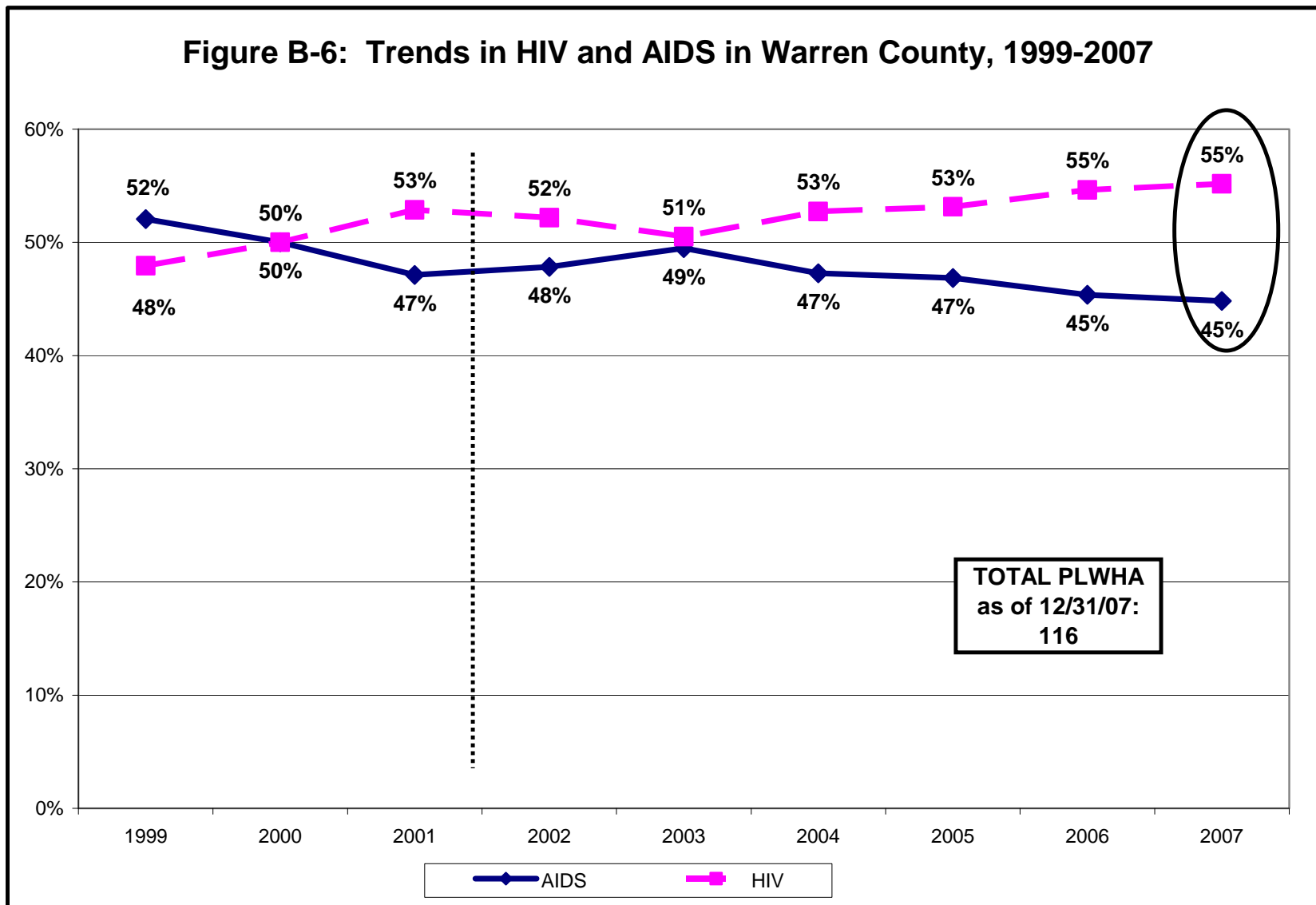


Figure B-7: Trends in HIV and AIDS in 5 Cities, 1999-2007

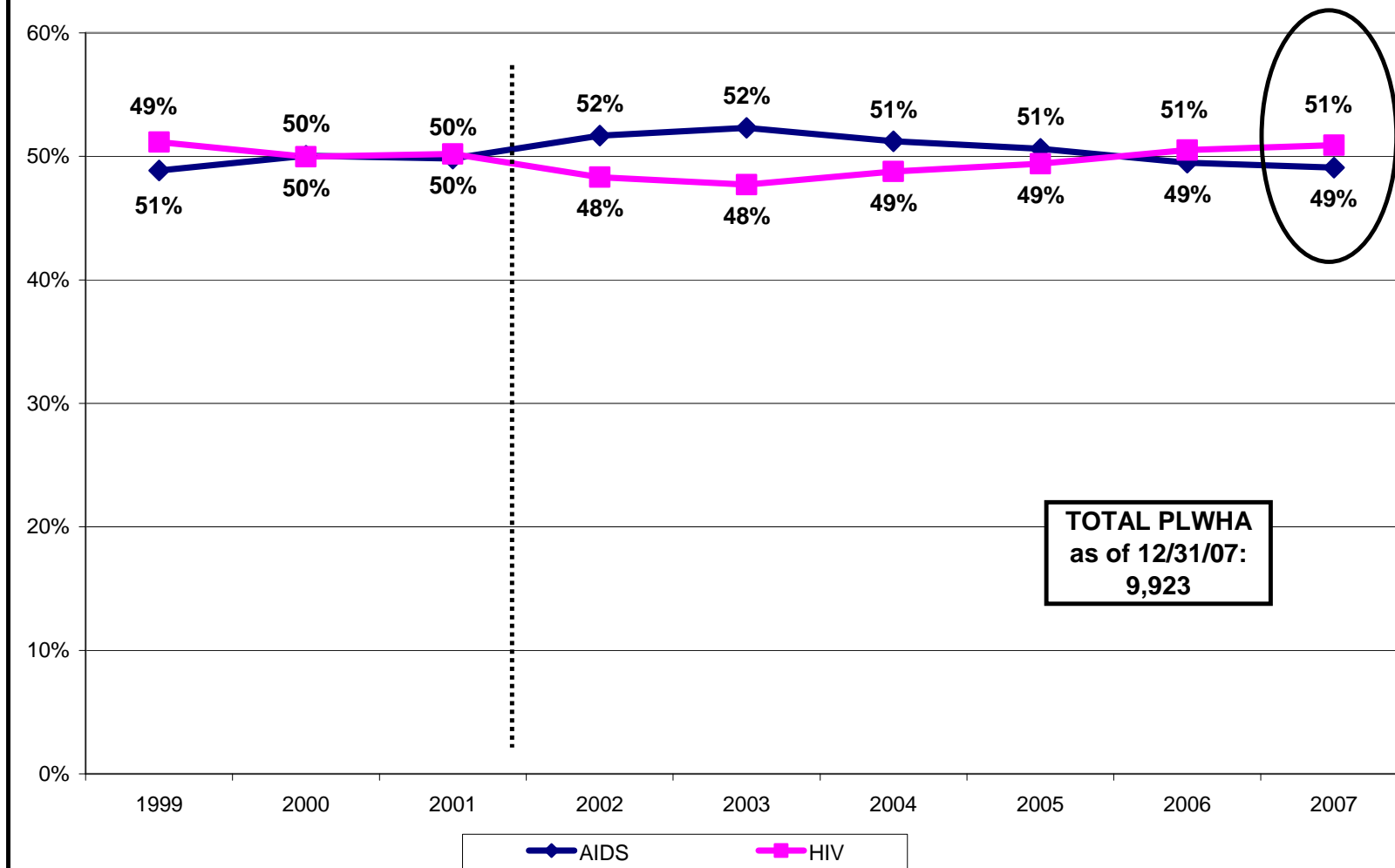


Figure B-8: Trends in HIV and AIDS in Newark, 1999-2007

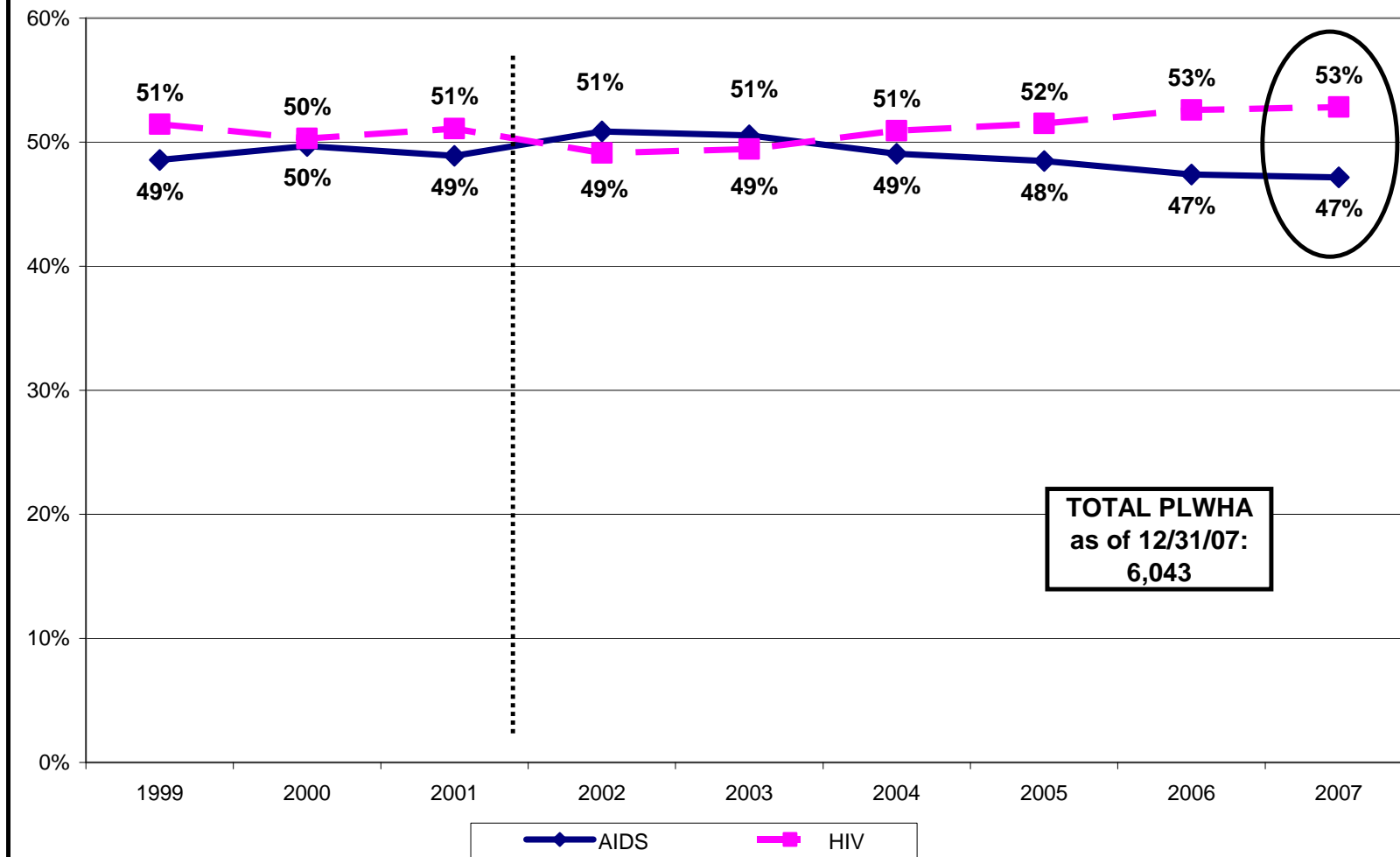


Figure B-9: Trends in HIV and AIDS in East Orange, 1999-2007

