

Figure 1. HIV disease cases, by current status* and year of diagnosis, North Central HIV Region, 1998—2007**

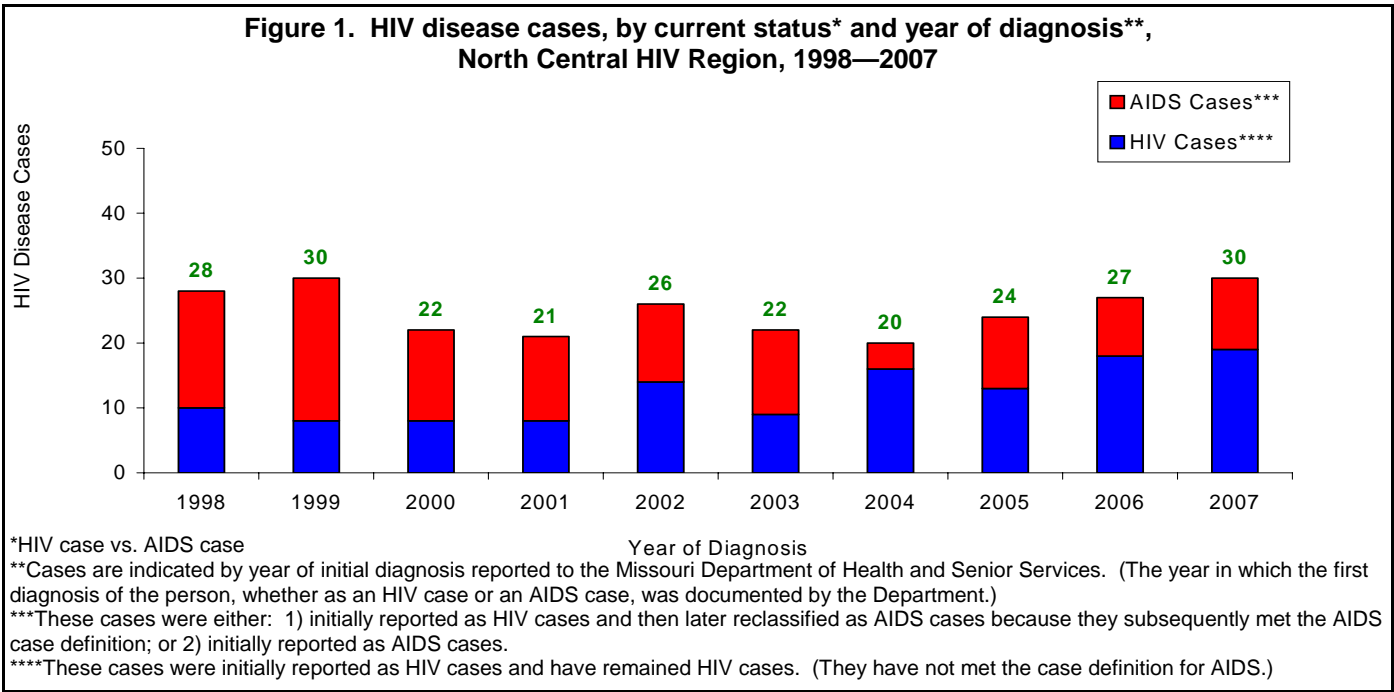


Figure 2. Persons diagnosed with AIDS (living and deceased), by year of diagnosis, North Central HIV Region, 1998—2007

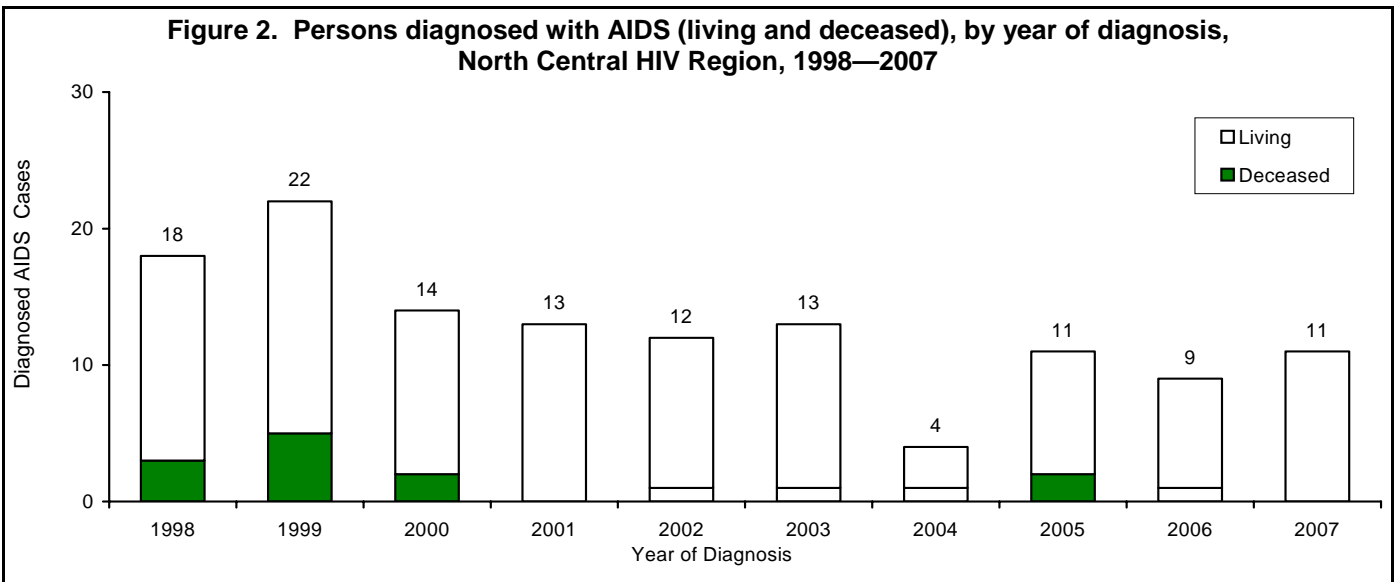


Table 1. Diagnosed HIV, AIDS, and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, and age at diagnosis, North Central HIV Region, 2007

	HIV*			AIDS**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Male	17	89.5%	4.7	8	72.7%	2.2	25	83.3%	7.0
Female	2	10.5%	0.5	3	27.3%	0.8	5	16.7%	1.4
Total	19	100.0%	2.6	11	100.0%	1.5	30	100.0%	4.1
White	11	57.9%	1.7	10	90.9%	1.5	21	70.0%	3.2
Black	8	42.1%	21.2	1	9.1%	2.6	9	30.0%	23.8
Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	NA	0	0.0%	NA	0	0.0%	NA
Total	19	100.0%	2.6	11	100.0%	1.5	30	100.0%	4.1
White Male	10	58.8%	3.1	8	88.9%	2.5	18	69.2%	5.6
Black Male	7	41.2%	33.8	1	11.1%	4.8	8	30.8%	38.6
Hispanic Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	NA	0	0.0%	NA	0	0.0%	NA
Total	17	100.0%	4.7	9	100.0%	2.5	26	100.0%	7.2
White Female	1	50.0%	0.3	2	66.7%	0.6	3	60.0%	0.9
Black Female	1	50.0%	5.9	1	33.3%	5.9	2	40.0%	11.8
Hispanic Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	NA	0	0.0%	NA	0	0.0%	NA
Totals	2	100.0%	0.5	3	100.0%	0.8	5	100.0%	1.4
<2	0	0.0%	0.0	1	11.1%	5.3	1	5.0%	5.3
2-12	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
13-18	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
19-24	1	9.1%	1.3	0	0.0%	0.0	1	5.0%	1.3
25-44	9	81.8%	4.6	4	44.4%	2.1	13	65.0%	6.7
45-64	1	9.1%	0.6	4	44.4%	2.2	5	25.0%	2.8
>65	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	11	100.0%	1.5	9	100.0%	1.2	20	100.0%	2.8

*HIV cases diagnosed during 2007 which remained HIV cases at the end of the year.

**AIDS cases initially diagnosed in 2007.

***The sum of newly diagnosed HIV cases and newly diagnosed AIDS cases. Does not include cases which progressed to AIDS in 2007.

****Per 100,000 population based on 2006 MDHSS estimates.

Note: Percentages may not total due to rounding.

Table 2. HIV and AIDS cases and rates, by geographic area, North Central HIV Region, 2007 and Living

Geographic Area	HIV Cases						AIDS Cases					
	Diagnosed 2007*			Living			Diagnosed 2007			Living		
	Cases	%	Rate**	Cases	%	Rate**	Cases	%	Rate**	Cases	%	Rate**
Location												
Boone County	7	36.8%	4.8	87	45.3%	59.6	4	36.4%	2.7	115	48.1%	78.7
Cole County	5	26.3%	6.8	21	10.9%	28.7	0	0.0%	0.0	16	6.7%	21.8
Callaway County	2	10.5%	4.6	9	4.7%	20.9	0	0.0%	0.0	5	2.1%	11.6
Marion County	0	0.0%	0.0	4	2.1%	44.0	0	0.0%	0.0	8	3.3%	87.9
Pettis County	0	0.0%	0.0	8	4.2%	19.7	2	18.2%	4.9	14	5.9%	34.6
Gasconade County	0	0.0%	0.0	4	2.1%	25.6	0	0.0%	0.0	4	1.7%	25.6
Remainder of Region	5	26.3%	1.3	59	30.7%	14.9	5	45.5%	1.3	77	32.2%	19.5
NORTH CENTRAL HIV REGION TOTAL	19	100.0%	2.6	192	100.0%	26.5	11	100.0%	1.5	239	100.0%	33.0

*HIV cases diagnosed and reported to DHSS during 2007 which remained HIV cases at the end of the year.

**Per 100,000 population based on 2006 MDHSS estimates.

Note: Percentages may not total due to rounding.

Table 3. Newly diagnosed and living HIV and AIDS cases in men who have sex with men, by race, North Central HIV Region, 2007

Race/Ethnicity	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	7	58.3%	77	76.2%	4	100.0%	105	82.7%
Black	5	41.7%	21	20.8%	0	0.0%	19	15.0%
Other/Unknown	0	0.0%	3	3.0%	0	0.0%	3	2.4%
NORTH CENTRAL HIV REGION TOTAL	12	100.0%	101	100.0%	4	100.0%	127	100.0%

*HIV cases diagnosed during 2007 which remained HIV cases at the end of the year.

**Does not include HIV cases that progressed to AIDS.

Note: Percentages may not total due to rounding.

Table 4. Living HIV disease cases in men who have sex with men, by race/ethnicity, by age, North Central HIV Region, 2007

Age Group	White		Black		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
13-18	1	0.5%	2	5.0%	0	0.0%	3	1.3%
19-24	21	11.5%	7	17.5%	0	0.0%	28	12.3%
25-44	126	69.2%	26	65.0%	3	75.0%	155	68.0%
45-64	32	17.6%	5	12.5%	1	25.0%	40	17.5%
65+	2	1.1%	0	0.0%	0	0.0%	2	0.9%
NORTH CENTRAL HIV REGION TOTAL	182	100.0%	40	100.0%	4	100.0%	228	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race/ethnicity in each age group.

***Percentage of cases per age group.

Note: Percentages may not total due to rounding.

Table 5. Living HIV disease cases in men who have sex with men, by race, by geographic area, North Central HIV Region, 2007

Geographic Area	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
Boone County	101	80.2%	21	16.7%	126	55.3%
Cole County	4	36.4%	7	63.6%	11	4.8%
Remaining Counties	77	84.6%	12	13.2%	91	39.9%
NORTH CENTRAL HIV REGION TOTAL	182	79.8%	40	17.5%	228	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

Table 6. Newly diagnosed and living HIV and AIDS cases in men who have sex with men and inject drugs, by race, North Central HIV Region, 2007

Race	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	1	0.0%	9	100.0%	0	0.0%	11	84.6%
Black	0	0.0%	0	0.0%	0	0.0%	2	15.4%
NORTH CENTRAL HIV REGION TOTAL	1	100.0%	9	100.0%	0	--	13	100.0%

*HIV cases diagnosed during 2007 which remained HIV cases at the end of the year.
 **Does not include HIV cases that progressed to AIDS.
 Note: Percentages may not total due to rounding.

Table 7. Living HIV disease cases in men who have sex with men and inject drugs, by race, by age, North Central HIV Region, 2007

Age Group	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
13-18	0	0.0%	0	0.0%	0	0.0%
19-24	0	0.0%	0	0.0%	0	0.0%
25-44	18	90.0%	2	100.0%	20	90.9%
45-64	2	10.0%	0	0.0%	2	9.1%
65+	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTAL	20	100.0%	2	100.0%	22	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
 **Percentage of race in each age group.
 ***Percentage of cases per age group.
 Note: Percentages may not total due to rounding.

Table 8. Living HIV cases in men who have sex with men and inject drugs, North Central HIV Region, 2007

Geographic Area	Cases	%
NORTH CENTRAL HIV REGION TOTAL	22	100.0%

Table 9. Newly diagnosed and living HIV and AIDS cases in injecting drug users, by race and sex, North Central HIV Region, 2007

Race and Sex	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	1	0.0%	8	53.3%	1	0.0%	6	33.3%
Black Male	0	0.0%	0	0.0%	0	0.0%	7	38.9%
White Female	0	0.0%	7	46.7%	1	0.0%	3	16.7%
Black Female	0	0.0%	0	0.0%	0	0.0%	2	11.1%
NORTH CENTRAL HIV REGION TOTAL ***	1	--	15	100.0%	2	--	18	100.0%

*HIV cases diagnosed during 2007 which remained HIV cases at the end of the year.
 **Does not include HIV cases that progressed to AIDS.
 ***Totals include cases in persons whose race/ethnicity is either unknown or not listed.
 Note: Percentages may not total due to rounding.

Table 10. Living HIV disease cases in injecting drug users, by race, by age, North Central HIV Region, 2007

Age Group	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
13-18	1	4.2%	0	0.0%	1	3.0%
19-24	2	8.3%	0	0.0%	2	6.1%
25-44	18	75.0%	6	0.0%	24	72.7%
45-64	2	8.3%	3	0.0%	5	15.2%
65+	1	4.2%	0	0.0%	1	3.0%
NORTH CENTRAL HIV REGION TOTAL	24	100.0%	9	--	33	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
 **Percentage of race in each age group.
 ***Percentage of cases per age group.
 Note: Percentages may not total due to rounding.

Table 11. Living disease HIV cases in injecting drug users, by geographic area, North Central HIV Region, 2007

Geographic Area	Total	
	Cases	%
Boone County	11	33.3%
Remaining Counties	22	66.7%
NORTH CENTRAL HIV REGION TOTAL	33	100.0%

Note: Percentages may not total due to rounding.

Table 12. Newly diagnosed and living HIV and AIDS cases in heterosexual contacts, by race and sex, North Central HIV Region, 2007

Race and Sex	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	1	50.0%	6	15.8%	0	0.0%	6	12.8%
Black Male	0	0.0%	4	10.5%	0	0.0%	4	8.5%
White Female	0	0.0%	18	47.4%	0	0.0%	24	51.1%
Black Female	1	50.0%	8	21.1%	0	0.0%	10	21.3%
NORTH CENTRAL HIV REGION TOTAL***	2	100.0%	38	100.0%	0	--	47	100.0%

*HIV cases diagnosed during 2007 which remained HIV cases at the end of the year.
 **Does not include HIV cases that progressed to AIDS.
 ***Total includes cases in persons whose race/ethnicity is either unknown or not listed.
 Note: Percentages may not total due to rounding.

Table 13. Living HIV disease cases in heterosexual contacts, by race and sex, by age group, North Central HIV Region, 2007

Age Group	White Males		Black Males		White Females		Black Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%***
13-18	0	0.0%	0	0.0%	1	2.4%	0	0.0%	1	1.2%
19-24	1	8.3%	1	12.5%	7	16.7%	3	16.7%	13	15.3%
25-44	10	83.3%	7	87.5%	28	66.7%	15	83.3%	64	75.3%
45-64	1	8.3%	0	0.0%	6	14.3%	0	0.0%	7	8.2%
65+	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTAL	12	100.0%	8	100.0%	42	100.0%	18	100.0%	85	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
 **Percentages of race and sex in each age group.
 ***Percentage of cases per age group.
 Note: Percentages may not total due to rounding.

Table 14. Living HIV disease cases in heterosexual contacts, by race, by geographic area, North Central HIV Region, 2007

Geographic Area	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
Boone County	16	55.2%	12	41.4%	29	34.1%
Cole County	8	57.1%	5	35.7%	14	16.5%
Remaining Counties	30	71.4%	9	21.4%	42	49.4%
NORTH CENTRAL HIV REGION TOTAL	54	63.5%	26	30.6%	85	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
 **Percentages of race and sex in each area.
 ***Percentage of cases per area.
 Note: Percentages may not total due to rounding.

Table 15. HIV and AIDS cases with exposure category assignments for NIRs, North Central HIV Region, 2007 and Living									
Exposure Category	HIV cases				AIDS cases				
	2007*		Living		2007		Living		
Adult/Adolescent									
Men who have sex with men	13	72.2%	110	58.2%	8	72.7%	138	58.7%	
Men who have sex with men and inject drugs	1	5.6%	10	5.3%	0	0.0%	14	6.0%	
Injecting drug use	1	5.6%	17	9.0%	3	27.3%	20	8.5%	
Heterosexual contact	3	16.7%	52	27.5%	0	0.0%	56	23.8%	
Hemophilia/coagulation disorder	0	0.0%	0	0.0%	0	0.0%	4	1.7%	
Blood transfusion/tissue recipient	0	0.0%	0	0.0%	0	0.0%	3	1.3%	
No indicated risk	-----	-----	-----	-----	-----	-----	-----	-----	
ADULT/ADOLESCENT SUBTOTAL	18	100.0%	189	100.0%	11	100.0%	235	100.0%	
Pediatric (<13 years old)									
PEDIATRIC SUBTOTAL	1	100.0%		0.0%	0	0.0%	4	100.0%	
TOTAL	19		3		11		239		

*HIV cases reported during 2007 which remained HIV cases at the end of the year.
 Note: Percentages may not total due to rounding.