



Kentucky HIV/AIDS Semi-Annual Report

Volume 1 Number 2

Year End
December 31, 2001

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This report may be accessed through the Kentucky Department for Public Health web site. The web address for the HIV/AIDS program is <http://publichealth.state.ky.us/hiv-aids.htm>.

The HIV/AIDS web site not only contains copies of HIV/AIDS statistical reports for the past three years but also lists information on HIV prevention, HIV/AIDS surveillance, and services for those persons living with HIV/AIDS. In addition, a list of approved HIV/AIDS continuing education courses for health professionals may be accessed through the web site.

Cumulative Kentucky HIV/AIDS Cases

<u>Type of Case</u>	<u>Number of Cases</u>
AIDS Cases both living and deceased as of December 31, 2001	3,606
Cases living with AIDS as of December 31, 2001	1,844
Cases living with HIV who had not developed AIDS as of June 30, 2000	2,560

The HIV/AIDS Semi-Annual Report is produced by:

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**Kentucky HIV/AIDS Semi-Annual Report
 Data Sources and Limitations**

The HIV/AIDS Semi-Annual Report contains AIDS cases diagnosed and reported to the Kentucky Department for Public Health, HIV/AIDS Program through December 31, 2001, and HIV cases diagnosed and reported through June 30, 2000.

According to state regulation 902 KAR 2:020, Section 7, health professionals licensed under KRS chapters 311 through 314, health facilities licensed under KRS chapter 216B and laboratories licensed under KRS chapter 333 are required to report HIV and AIDS cases to the Kentucky Department for Public Health within five business days of diagnosis. AIDS cases are reported by name, while HIV cases are reported by 'Unique Identifier' consisting of the person's initials of last and first name; date of birth; and last four digits of Social Security number. HIV tests can be either anonymous or confidential; however, only those confidential HIV positive cases are reported to the Kentucky Department for Public Health.

HIV and AIDS cases who reside in the Kentucky counties of Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer and Trimble are reported to an HIV/AIDS surveillance nurse consultant at the Jefferson County Health Department. All other HIV and AIDS cases are reported to an HIV/AIDS surveillance representative at the Kentucky Department for Public Health. Case information from both sites is combined at the Kentucky Department for Public Health to produce this report.

New Kentucky HIV/AIDS reporting requirements including 'Unique Identifier' reporting for HIV cases were adopted as of December 15, 2000. In order to evaluate the new HIV reporting system and the effectiveness of the unique code, no HIV data from the new reporting system will be released for at least one full year. In this report, HIV data is presented and represents data that was in the old 'Initial Identifier' HIV reporting system as of June 30, 2000, when that system was replaced by the 'Unique Identifier' system.

Prior to implementation of the new reporting requirements, when HIV and AIDS cases were reported, they were entered into separate databases. The AIDS database contains all AIDS cases reported both living and deceased since 1982. The HIV data set, however, contains only those cases living with HIV who had not developed AIDS as of June 30, 2000.

This HIV dataset is limited because it only contains those cases living with HIV as of June 30, 2000 and can not be used to derive a proper rate. Another limitation of the HIV data presented in this report is the large number for which the mode of exposure or risk factor is undetermined. As of June 30, 2000, 32% of HIV cases were listed with an undetermined mode of exposure.

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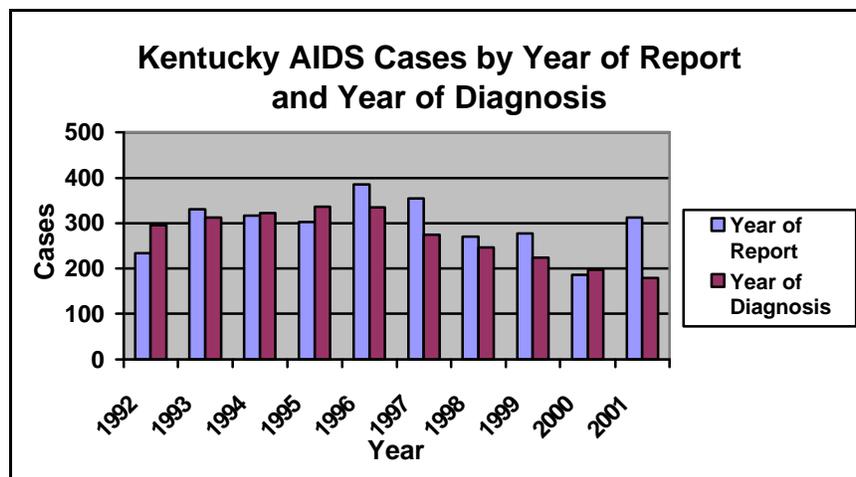
AIDS Cases by Report Date and Diagnosis Date

Date of Report: When an HIV or AIDS case is reported to the Kentucky HIV/AIDS Program

Date of Diagnosis: When an HIV or AIDS case is actually diagnosed

Key Difference: A case may be diagnosed in one year and not reported for many years later. For this reason, date of diagnosis is used to examine epidemiologic trends.

Year	AIDS Cases by Year of Diagnosis	AIDS Cases by Year of Report
1992	296	234
1993	312	330
1994	322	316
1995	336	302
1996	335	385
1997	275	355
1998	247	271
1999	224	278
2000	198	186
2001	179	313



Adult/Adolescent ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Characteristics	1982-95	%	1996	%	1997	%	1998	%	1999	%	2000	%	2001	%	Total	% ⁽²⁾
GENDER																
Male	1910	90%	281	85%	232	84%	206	84%	170	77%	160	81%	157	88%	3116	87%
Female	220	10%	49	15%	43	16%	40	16%	52	23%	37	19%	22	12%	463	13%
TOTAL	2130	100%	330	100%	275	100%	246	100%	222	100%	197	100%	179	100%	3579	100%
AGE AT DIAGNOSIS																
13-19	20	1%	1	0%	1	0%	1	0%	1	0%	0	0%	2	1%	26	1%
20-29	466	22%	46	14%	38	14%	32	13%	35	16%	26	13%	26	15%	669	19%
30-39	1018	48%	171	52%	132	48%	115	47%	98	44%	88	45%	65	36%	1687	47%
40-49	453	21%	87	26%	84	31%	72	29%	65	29%	57	29%	60	34%	878	25%
>49	173	8%	25	8%	20	7%	26	11%	23	10%	26	13%	26	15%	319	9%
TOTAL	2130	100%	330	100%	275	100%	246	100%	222	100%	197	100%	179	100%	3579	100%
RACE																
White	1583	74%	216	65%	164	60%	151	61%	133	60%	108	55%	100	56%	2455	69%
African-American	518	24%	110	33%	97	35%	85	35%	84	38%	77	39%	72	40%	1043	29%
Other	29	1%	4	1%	14	5%	10	4%	5	2%	12	6%	7	4%	81	2%
TOTAL	2130	100%	330	100%	275	100%	246	100%	222	100%	197	100%	179	100%	3579	100%
RISK																
MSM ⁽³⁾	1347	63%	171	52%	142	52%	119	48%	109	49%	87	44%	86	48%	2061	58%
IDU ⁽⁴⁾	259	12%	52	16%	43	16%	35	14%	32	14%	22	11%	17	9%	460	13%
MSM and IDU	145	7%	15	5%	17	6%	17	7%	5	2%	5	3%	7	4%	211	6%
Hemophilia/Coagulation Disorder	73	3%	2	1%	2	1%	2	1%	0	0%	3	2%	0	0%	82	2%
Heterosexual ⁽⁵⁾	202	9%	63	19%	34	12%	38	15%	32	14%	24	12%	15	8%	408	11%
Transfusion	39	2%	2	1%	0	0%	0	0%	2	1%	0	0%	0	0%	43	1%
Undetermined ⁽⁶⁾	65	3%	25	8%	37	13%	35	14%	42	19%	56	28%	54	30%	314	9%
TOTAL	2130	100%	330	100%	275	100%	246	100%	222	100%	197	100%	179	100%	3579	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Percentages may not total to 100 due to rounding.

(3) MSM = Men Having Sex with Men

(4) IDU = Injecting Drug User

(5) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(6) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, deceased, lost to follow-up, refused interview, and persons whose mode of exposure remains undetermined after investigation.

Pediatric ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Risk Factor	1982-95	%	1996	%	1997	%	1998	%	1999	%	2000	%	2001	%	Total	% ⁽²⁾
Hemophilia/Coagulation Disorder	4	22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	15%
Perinatal	13	72%	5	100%	0	0%	1	100%	2	100%	1	100%	0	0%	22	81%
Transfusion	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%
Total	18	100%	5	100%	0	0%	1	100%	2	100%	1	100%	0	0%	27	100%

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Percentages may not total to 100 due to rounding.

CUMULATIVE ADULT/ADOLESCENT ⁽¹⁾ AIDS CASES BY RISK, RACE, AND GENDER 12/31/01									
Risk	White		African American		Other		TOTAL		%(2)
	No.	%	No.	%	No.	%	No.	%	
MALE	MSM ⁽³⁾	1657	75%	381	46%	23	35%	2061	66%
	IDU ⁽⁴⁾	135	6%	181	22%	16	25%	332	11%
	MSM and IDU	133	6%	74	9%	4	6%	211	7%
	Hemophilia/Coagulation Disorder	73	3%	8	1%	0	0%	81	3%
	Heterosexual	100	5%	71	9%	6	9%	177	6%
	Transfusion/Transplant	24	1%	4	0%	0	0%	28	1%
	Undetermined	99	4%	111	13%	16	25%	226	7%
	TOTAL	2221	100%	830	100%	65	100%	3116	100%
FEMALE	IDU ⁽⁴⁾	58	25%	65	31%	5	31%	128	28%
	Hemophilia/Coagulation Disorder	1	0%	0	0%	0	0%	1	0%
	Heterosexual ⁽⁵⁾	129	55%	95	45%	7	44%	231	50%
	Transfusion/Transplant	11	5%	4	2%	0	0%	15	3%
	Undetermined ⁽⁶⁾	35	15%	49	23%	4	25%	88	19%
	TOTAL	234	100%	213	100%	16	100%	463	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Percentages may not total to 100 due to rounding.

(3) MSM = Men Having Sex with Men

(4) IDU = Injecting Drug User

(5) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(6) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, dead, lost to follow-up, refused interview, and persons whose mode of exposure remain undetermined after investigation.

CUMULATIVE PEDIATRIC ⁽¹⁾ AIDS CASES BY RISK AND RACE 12/31/01									
Risk	White		African American		Other		TOTAL		%(2)
	No.	%	No.	%	No.	%	No.	%	
Hemophilia/Coagulation Disorder	3	20%	1	8%	0	0%	4	15%	
Perinatal	11	73%	11	92%	0	0%	22	81%	
Transfusion	1	7%	0	0%	0	0%	1	4%	
TOTAL	15	100%	12	100%	0	0%	27	100%	

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Percentages may not total to 100 due to rounding

CUMULATIVE ⁽¹⁾ AIDS CASES BY AGE AT DIAGNOSIS, RACE, AND GENDER 12/31/01									
Age Group	White		African American		Other		TOTAL		
	No.	%	No.	%	No.	%	No.	% ⁽²⁾	
MALE	<13	8	0%	6	1%	0	0%	14	0%
	13-19	15	1%	4	0%	1	2%	20	1%
	20-29	402	18%	137	16%	15	23%	554	18%
	30-39	1059	48%	385	46%	37	57%	1481	47%
	40-49	541	24%	238	28%	9	14%	788	25%
	>49	204	9%	66	8%	3	5%	273	9%
	TOTAL	2229	100%	836	100%	65	100%	3130	100%
FEMALE	<13	7	3%	6	3%	0	0%	13	3%
	13-19	4	2%	2	1%	0	0%	6	1%
	20-29	59	24%	51	23%	5	31%	115	24%
	30-39	97	40%	102	47%	7	44%	206	43%
	40-49	41	17%	47	21%	2	13%	90	19%
	>49	33	14%	11	5%	2	13%	46	10%
	TOTAL	241	100%	219	100%	16	100%	476	100%

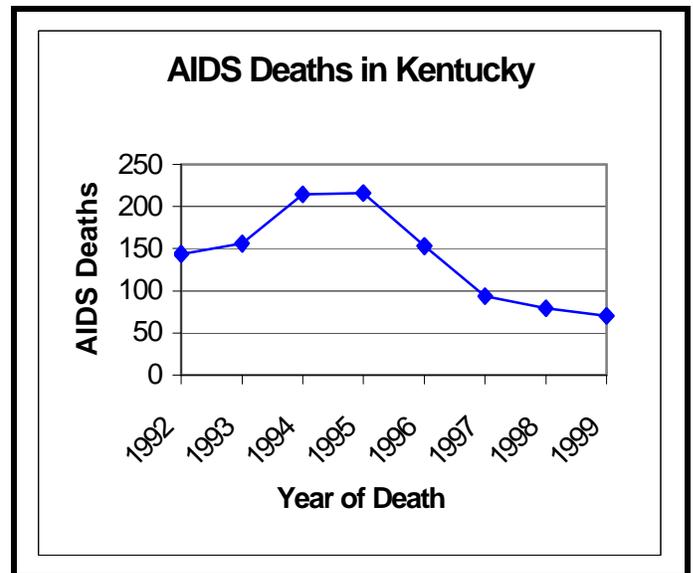
(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) Percentages may not total to 100 due to rounding.

KENTUCKY AIDS CASES ⁽¹⁾ , LIVING AND DECEASED, AS OF 12/31/01				
Diagnosis Year	Total Cases	Living	Deceased	Case Fatality Rate ⁽²⁾
1982	3	0	3	100%
1983	6	0	6	100%
1984	15	0	15	100%
1985	32	0	32	100%
1986	41	1	40	98%
1987	72	6	66	92%
1988	126	4	122	97%
1989	170	20	150	88%
1990	193	25	168	87%
1991	224	38	186	83%
1992	296	73	223	75%
1993	312	102	210	67%
1994	322	161	161	50%
1995	336	213	123	37%
1996	335	251	84	25%
1997	275	222	53	19%
1998	247	198	49	20%
1999	224	188	36	16%
2000	198	170	28	14%
2001	179	172	7	4%
TOTAL	3606	1844	1762	49%

(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) The case fatality rate is the percentage of AIDS cases diagnosed in a year which are deceased.



AIDS deaths declined 54% from 153 in 1996 to 70 in 1999. The overall number of Kentucky AIDS deaths declined since 1995 due to the success of combination therapies.

CUMULATIVE AIDS STATISTICS FOR KENTUCKY AND THE UNITED STATES

KENTUCKY AIDS CASES REPORTED AS OF 12/31/01		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	3,130	87%
Female	476	13%
Unknown	0	0%
TOTAL	3,606	100%
AGE AT DIAGNOSIS		
<13	27	1%
13-19	26	1%
20-29	669	19%
30-39	1,687	47%
40-49	878	24%
>49	319	9%
Unknown	0	0%
TOTAL	3,606	100%
RACE		
White	2,470	68%
African-American	1,055	29%
Other	81	2%
Undetermined	0	0%
TOTAL	3,606	100%
RISK		
MSM ⁽²⁾	2,061	57%
IDU ⁽³⁾	460	13%
MSM/IDU	211	6%
Hemophiliac	86	2%
Heterosexual	408	11%
Transfusion	44	1%
Perinatal	22	1%
Undetermined	314	9%
TOTAL	3,606	100%

(1) Percentages may not always total 100% due to rounding

(2) MSM=Men Having Sex with Men

(3) IDU=Injecting Drug User

UNITED STATES AIDS CASES ⁽⁴⁾ REPORTED AS OF 12/31/00		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	640,022	83%
Female	134,441	17%
Unknown	4	0%
TOTAL	774,467	100%
AGE AT DIAGNOSIS		
<13	8,908	1%
13-19	4,061	1%
20-29	128,726	17%
30-39	345,822	45%
40-49	202,901	26%
>49	84,044	11%
Unknown	5	0%
TOTAL	774,467	100%
RACE		
White	331,160	43%
African-American	292,522	38%
Other	149,759	19%
Undetermined	1,026	0%
TOTAL	774,467	100%
RISK		
MSM ⁽²⁾	355,409	46%
IDU ⁽³⁾	193,527	25%
MSM/IDU	48,989	6%
Hemophiliac	5,427	1%
Heterosexual	81,981	11%
Transfusion	9,159	1%
Perinatal	8,133	1%
Undetermined	71,842	9%
TOTAL	774,467	100%

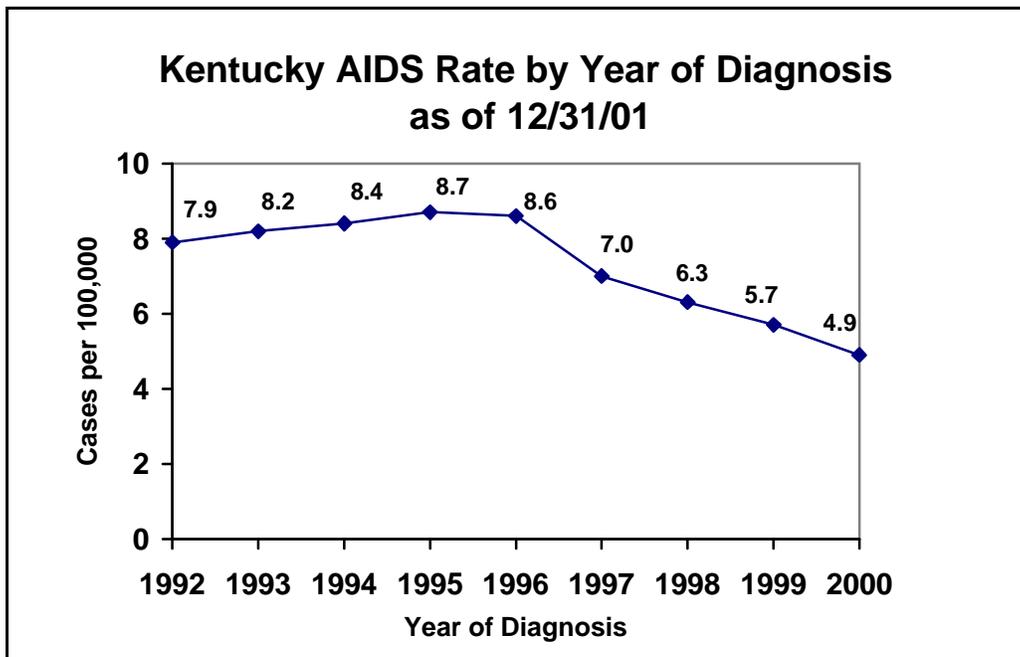
(4) U.S. Cases from Centers for Disease Control and Prevention. *HIV/AIDS Surveillance Report*, 2000;12(No.2)

Kentucky closely parallels the US percentage of AIDS cases by gender and age at diagnosis. Compared to US data, the percentage of white cases reported is greater in Kentucky. One possible explanation for this is the greater percentage of White persons in Kentucky's general population compared to the US population. In addition, a greater percentage of Kentucky AIDS cases report their mode of exposure to be Men Having Sex with Men (MSM) compared to US AIDS cases.

**Annual AIDS Rate per 100,000
A Comparison of Kentucky to Other States
Year of Report 2000**

<u>Rank</u>	<u>State</u>	<u>Rate</u>
1	District of Columbia	153.0
2	New York	32.7
3	Florida	31.1
4	Delaware	28.2
5	Maryland	27.7
*	*	*
*	*	*
37	Kentucky	5.2

US RATE = 14.4



Compared to other states, Kentucky ranked 37th in the number of AIDS cases reported. The AIDS rate in Kentucky, based on year of diagnosis, has declined since 1995. The National AIDS rate has declined as well. These declines may be due to highly effective treatments for HIV and opportunistic infections.

CUMULATIVE AIDS CASES ¹								
BY								
COUNTY OF RESIDENCE AT TIME OF DIAGNOSIS								
County	Total AIDS Cases ⁽²⁾	Living With AIDS	County	Total AIDS Cases	Living With AIDS	County	Total AIDS Cases	Living With AIDS
Adair	≤5	≤5	Grant	10	≤5	McLean	≤5	≤5
Allen	≤5	≤5	Graves	18	6	Meade	10	7
Anderson	7	≤5	Grayson	7	≤5	Menifee	≤5	≤5
Ballard	6	≤5	Green	≤5	≤5	Mercer	15	7
Barren	17	≤5	Greenup	9	≤5	Metcalfe	≤5	≤5
Bath	≤5	≤5	Hancock	≤5	≤5	Monroe	10	6
Bell	10	8	Hardin	58	31	Montgomery	9	9
Boone	39	22	Harlan	9	≤5	Morgan	15	7
Bourbon	11	6	Harrison	7	≤5	Muhlenberg	19	7
Boyd	47	31	Hart	≤5	≤5	Nelson	11	≤5
Boyle	9	6	Henderson	33	20	Nicholas	≤5	≤5
Bracken	≤5	≤5	Henry	8	≤5	Ohio	6	≤5
Breathitt	≤5	≤5	Hickman	≤5	≤5	Oldham	99	59
Breckinridge	6	≤5	Hopkins	28	9	Owen	≤5	≤5
Bullitt	13	7	Jackson	≤5	≤5	Owsley	≤5	≤5
Butler	≤5	≤5	Jefferson	1505	736	Pendleton	≤5	≤5
Caldwell	11	6	Jessamine	13	6	Perry	6	≤5
Calloway	15	6	Johnson	6	≤5	Pike	20	11
Campbell	66	30	Kenton	174	79	Powell	≤5	≤5
Carlisle	≤5	≤5	Knott	≤5	≤5	Pulaski	26	12
Carroll	≤5	≤5	Knox	8	≤5	Robertson	≤5	≤5
Carter	≤5	≤5	Larue	≤5	≤5	Rockcastle	≤5	≤5
Casey	≤5	≤5	Laurel	12	≤5	Rowan	≤5	≤5
Christian	53	31	Lawrence	≤5	≤5	Russell	≤5	≤5
Clark	14	9	Lee	≤5	≤5	Scott	16	11
Clay	19	16	Leslie	≤5	≤5	Shelby	19	11
Clinton	≤5	≤5	Letcher	12	≤5	Simpson	7	≤5
Crittenden	≤5	≤5	Lewis	8	≤5	Spencer	≤5	≤5
Cumberland	≤5	≤5	Lincoln	8	≤5	Taylor	≤5	≤5
Daviess	57	29	Livingston	9	≤5	Todd	14	9
Edmonson	≤5	≤5	Logan	16	7	Trigg	6	≤5
Elliott	≤5	≤5	Lyon	13	≤5	Trimble	≤5	≤5
Estill	≤5	≤5	Madison	29	13	Union	12	7
Fayette	519	295	Magoffin	≤5	≤5	Warren	56	18
Fleming	≤5	≤5	Marion	6	≤5	Washington	≤5	≤5
Floyd	10	8	Marshall	8	6	Wayne	≤5	≤5
Franklin	35	17	Martin	≤5	≤5	Webster	6	≤5
Fulton	≤5	≤5	Mason	10	≤5	Whitley	14	7
Gallatin	≤5	≤5	McCracken	79	41	Wolfe	≤5	≤5
Garrard	≤5	≤5	McCreary	≤5	≤5	Woodford	13	9

(1) For confidentiality purposes, cases less than or equal to 5 are not listed.

(2) Total cases both living and deceased

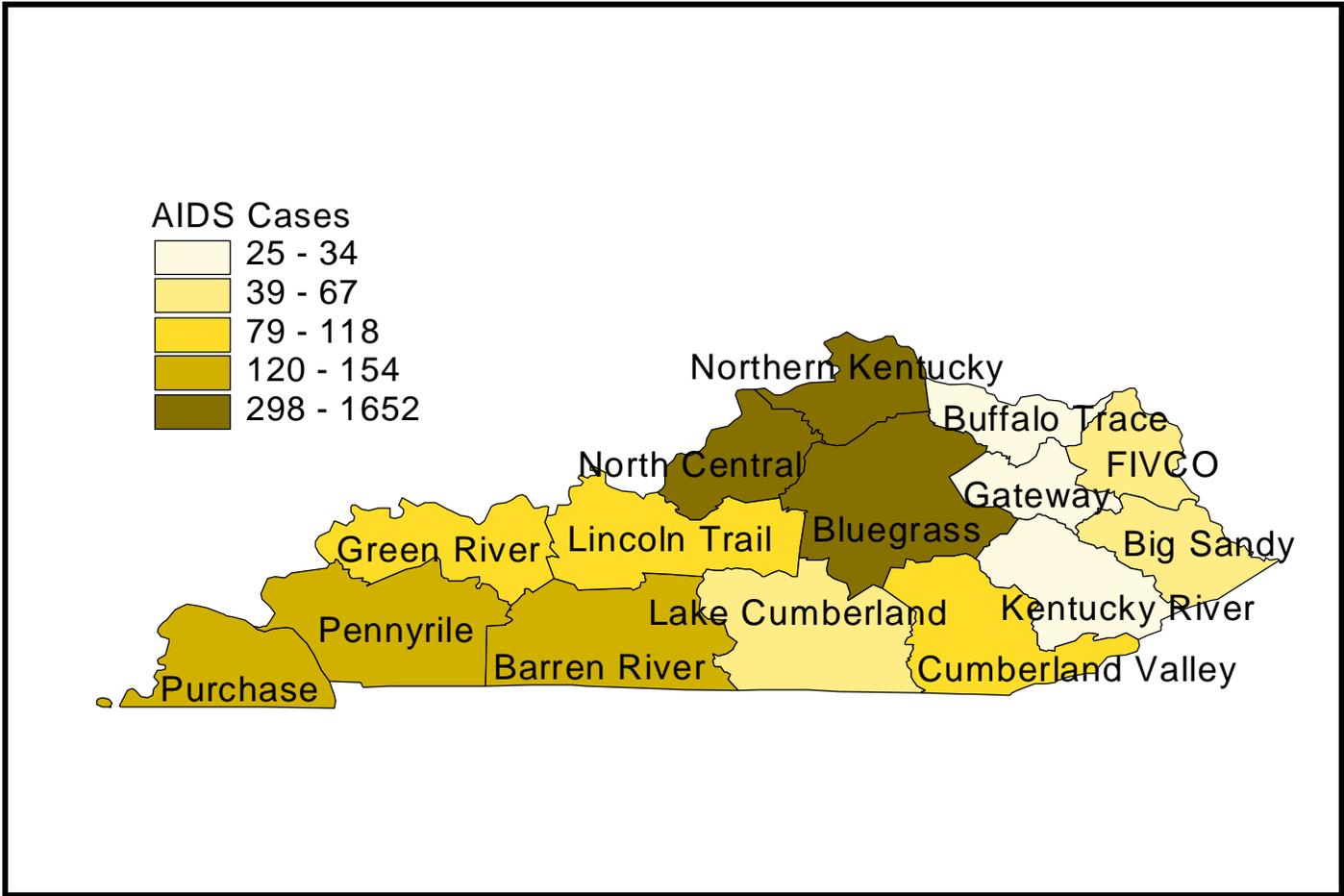
AIDS CASES AND RATES BY YEAR OF DIAGNOSIS AND AREA DEVELOPMENT DISTRICT OF RESIDENCE AT TIME OF DIAGNOSIS											
DISTRICT	CASES & RATES ⁽¹⁾	1982-95	1996	1997	1998	1999	2000	2001	TOTAL CASES ⁽²⁾	%	
1. Purchase	Cases	76	10	8	12	13	8	8	135	4%	
	Rate per 100,000		5.3	4.2	6.3	6.8	4.1				
2. Pennyrite	Cases	98	16	9	10	5	11	5	154	4%	
	Rate per 100,000		7.7	4.2	4.7	2.3	5.1				
3. Green River	Cases	68	10	8	12	7	8	5	118	3%	
	Rate per 100,000		4.9	3.9	5.8	3.4	3.9				
4. Barren River	Cases	78	14	7	5	8	4	4	120	3%	
	Rate per 100,000		5.8	2.9	2.0	3.3	1.6				
5. Lincoln Trail	Cases	55	11	12	7	4	7	4	100	3%	
	Rate per 100,000		4.7	5.1	2.9	1.7	2.9				
6. North Central	Cases	962	159	135	112	116	87	81	1652	46%	
	Rate per 100,000		19.1	16.2	13.4	13.8	10.0				
7. Northern Kentucky	Cases	222	21	17	10	11	8	9	298	8%	
	Rate per 100,000		5.8	4.6	2.7	2.9	2.0				
8. Buffalo Trace	Cases	11	3	3	5	1	1	1	25	1%	
	Rate per 100,000		5.6	5.5	9.1	1.8	1.8				
9. Gateway	Cases	21	4	2	1	3	1	2	34	1%	
	Rate per 100,000		5.6	2.8	1.4	4.1	1.3				
10. FIVCO	Cases	43	6	3	8	2	3	2	67	2%	
	Rate per 100,000		4.4	2.2	5.9	1.5	2.2				
11. Big Sandy	Cases	25	2	5	3	3	0	1	39	1%	
	Rate per 100,000		1.2	3.0	1.8	1.8	0.0				
12. Kentucky River	Cases	20	1	2	3	1	1	1	29	1%	
	Rate per 100,000		0.8	1.6	2.4	0.8	0.8				
13. Cumberland Valley	Cases	39	9	5	9	5	4	8	79	2%	
	Rate per 100,000		3.9	2.1	3.8	2.1	1.7				
14. Lake Cumberland	Cases	30	5	3	5	0	2	5	50	1%	
	Rate per 100,000		2.7	1.6	2.6	0.0	1.0				
15. Bluegrass	Cases	400	64	56	45	45	53	43	706	20%	
	Rate per 100,000		10.0	8.7	6.9	6.8	7.7				
TOTAL CASES		2148	335	275	247	224	198	179	3606	100%	

(1) Rates are only listed for years of diagnosis 1996 - 2000. The rate for 2001 is not given due to reporting delays.

(2) Total AIDS Cases both Living and Deceased.

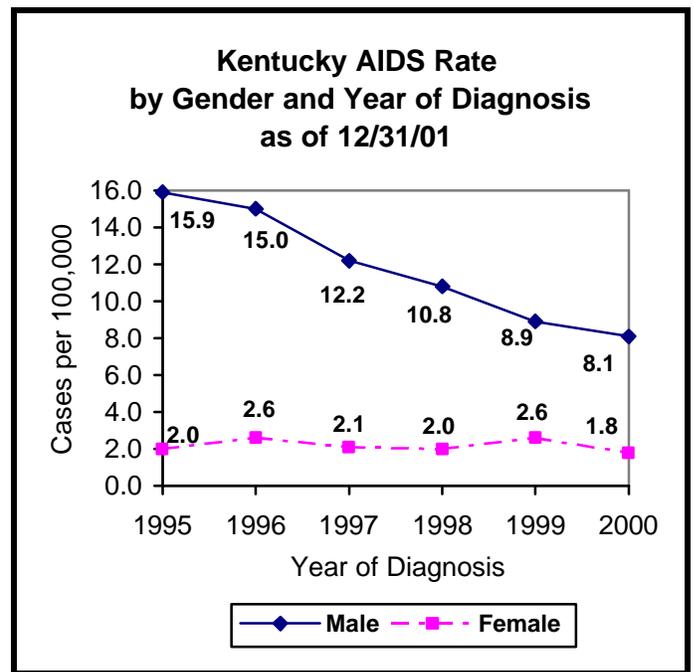
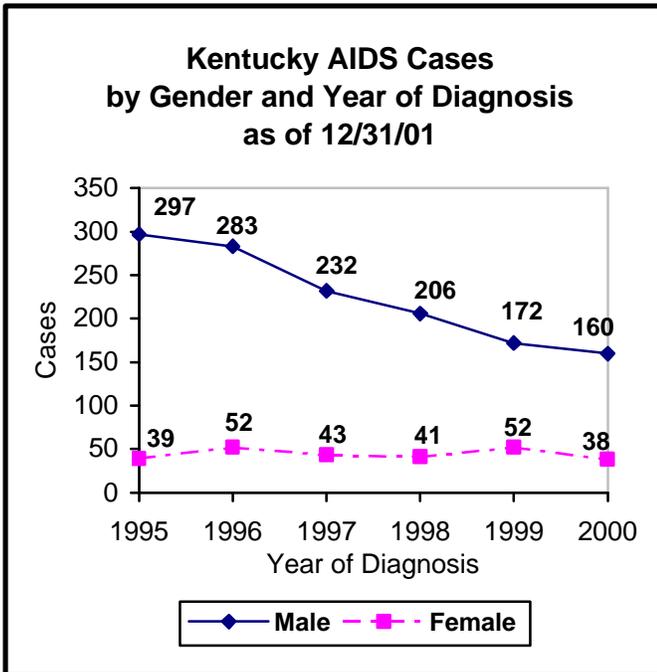
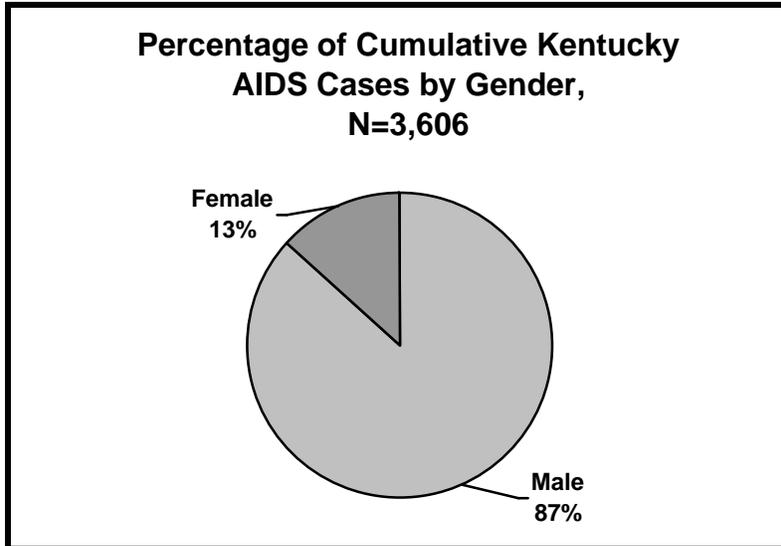
Counties In Each Area Development District
1. Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall
2. Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
3. Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
4. Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
5. Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
6. Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
7. Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
8. Bracken, Fleming, Lewis, Mason, Robertson
9. Bath, Menifee, Montgomery, Morgan, Rowan
10. Boyd, Carter, Elliott, Greenup, Lawrence
11. Floyd, Johnson, Magoffin, Martin, Pike
12. Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
13. Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
14. Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
15. Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

AIDS in Kentucky
Cumulative AIDS Cases by Area Development District
December 31, 2001



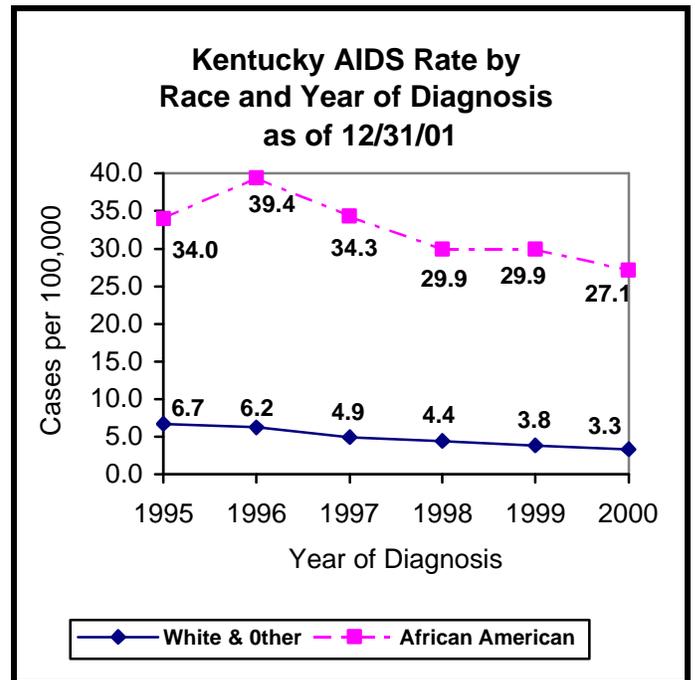
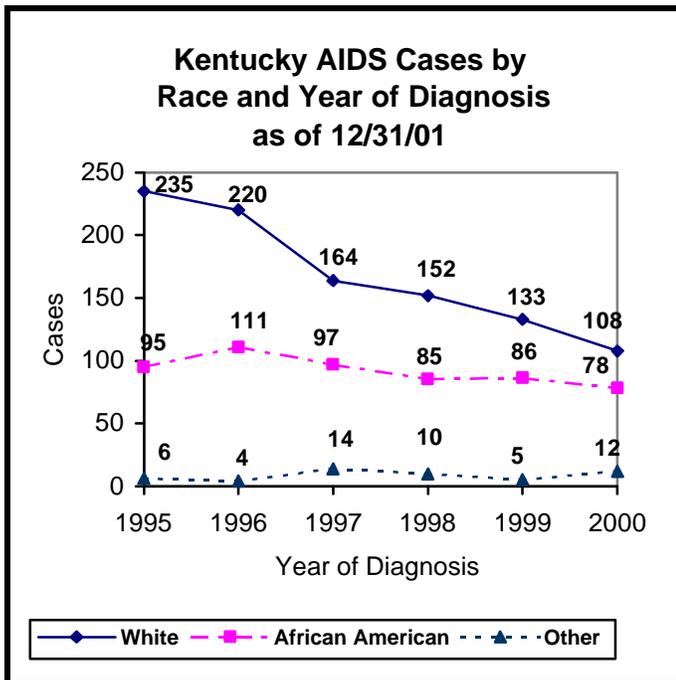
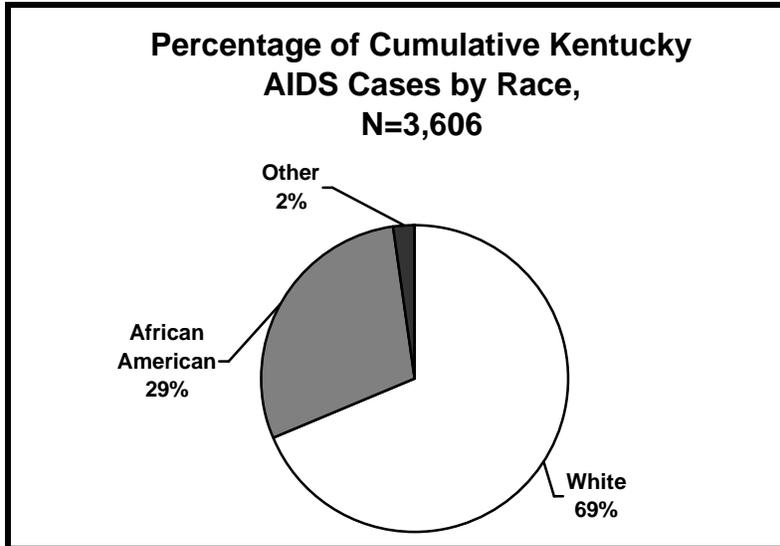
The largest percentage of AIDS cases, 46%, stated that the North Central Area Development District (ADD), which includes Louisville, was their ADD of residence at the time of diagnosis. The next highest percentage, 20%, resided in the Bluegrass ADD, which includes Lexington, followed by Northern Kentucky at 8%.

GENDER



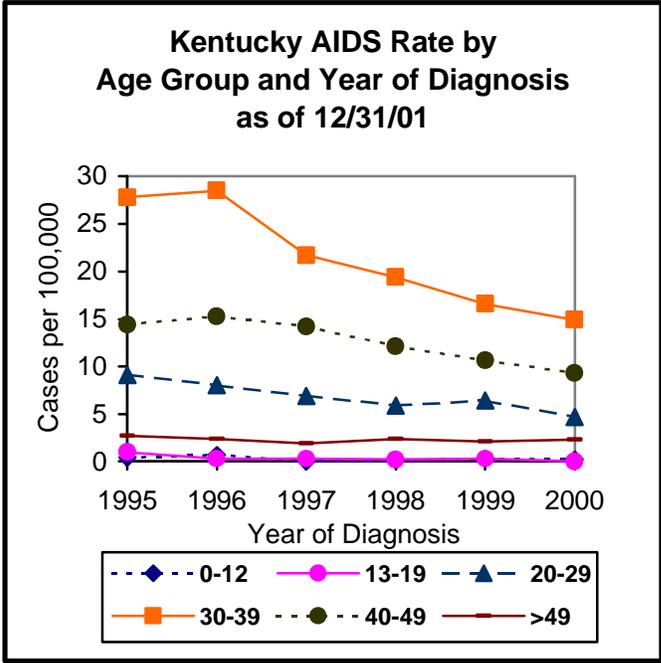
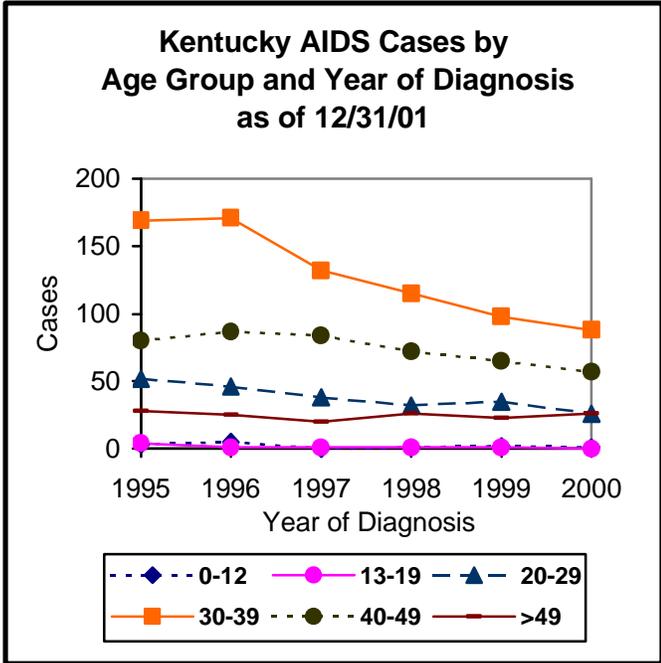
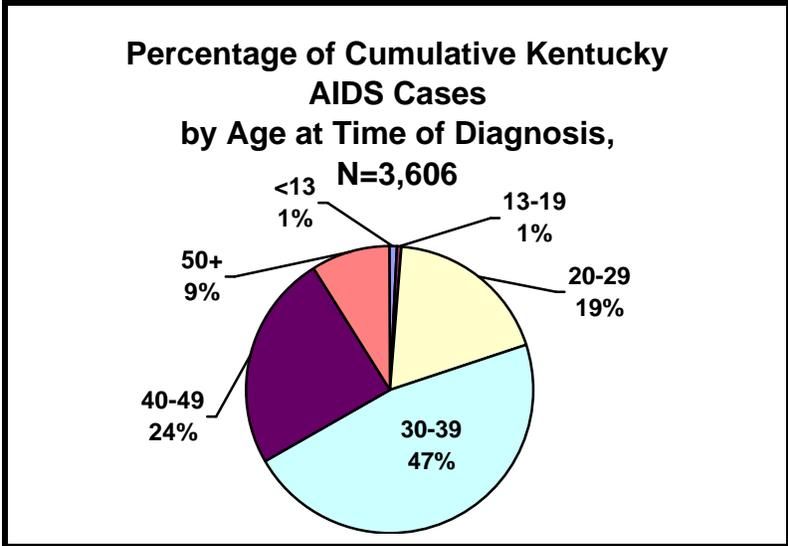
Approximately 87% of all Kentucky AIDS cases reported are male. The male AIDS rate is approximately 6 times higher than the female rate. However, the percentage of female AIDS cases has increased in recent years. Women represented 19% of AIDS cases diagnosed in 2000, up from 12% in 1995.

RACE



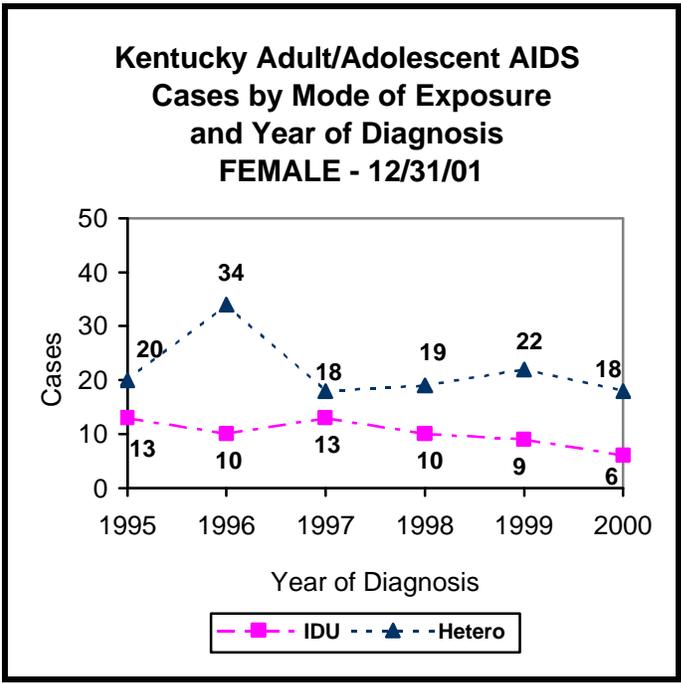
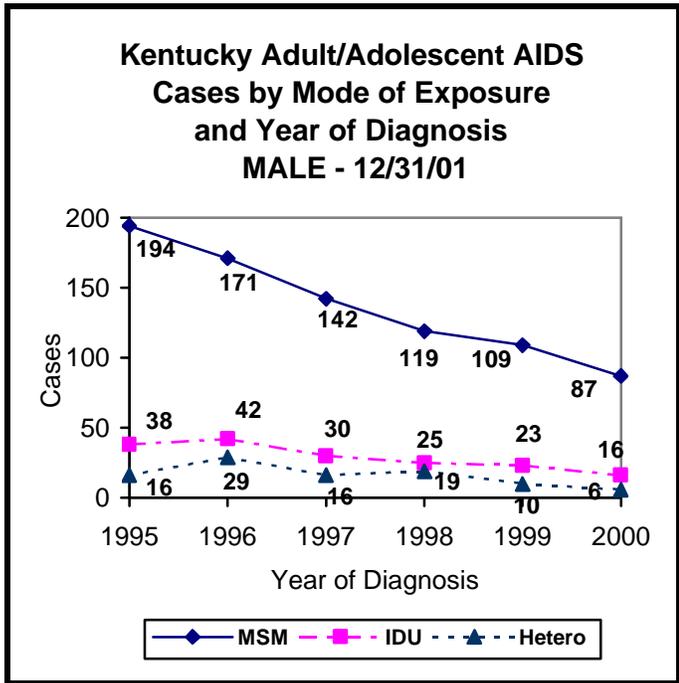
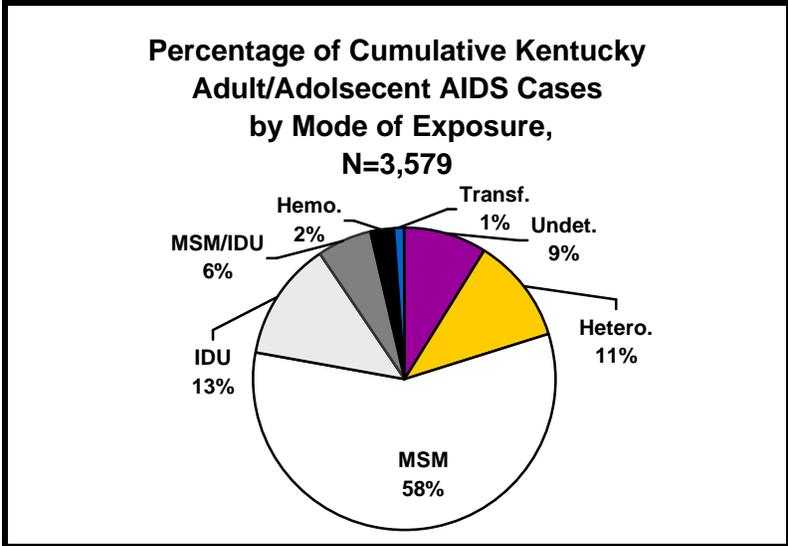
The majority of Kentucky AIDS cases, 69%, are white. African Americans comprise 29% of AIDS cases reported. Hispanics comprise the majority of the “Other” category. African Americans are disproportionately affected by the AIDS epidemic in Kentucky. The AIDS rate for African Americans is approximately 6 times higher than for Whites/Others. While the AIDS rate for Whites/Others has decreased by 50% since 1995, the rate among African Americans has only fallen 20%.

AGE AT DIAGNOSIS



The largest percentage of Kentucky AIDS cases, 47%, are diagnosed in their thirties. The next highest percentage of AIDS cases is among adults in their forties at 24%, followed by adults in their twenties at 19%.

MODE OF EXPOSURE/ RISK



Among Kentucky Adult/Adolescent AIDS cases, the majority report Men Having Sex with Men (MSM) to be their main mode of exposure at 58%. The next highest risk factor is Injecting Drug Use (IDU) at 13% followed by Heterosexual contact at 11%.

HIV IN KENTUCKY

Notice to Readers

There are several limitations to the HIV data presented below. While physicians, hospitals and laboratories are required to report AIDS cases by name to the Kentucky Department for Public Health, prior to December 15, 2000, HIV cases were only required to be reported by initials. As a result, duplicate cases may be included in the HIV data set. Also, there are a high percentage of cases for which mode of exposure, age at diagnosis and year of diagnosis are undetermined. Only confidential HIV positive cases are reported to the Kentucky Department for Public Health. The HIV data set does not contain all HIV cases diagnosed. HIV cases who have progressed to AIDS are recorded in the AIDS data set. **The HIV cases listed below are only those cases living with HIV who had not developed AIDS as of June 30, 2000.**

HIV CASES BY YEAR OF DIAGNOSIS ^(1,2)														
Characteristics	Year Unknown	<1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 ⁽³⁾	Total	% ⁽⁴⁾
GENDER														
Male	215	460	143	134	130	131	144	161	164	143	124	35	1984	78%
Female	89	94	49	37	35	35	38	63	39	45	35	17	576	23%
TOTAL	304	554	192	171	165	166	182	224	203	188	159	52	2560	100%
AGE AT DIAGNOSIS														
<13	0	8	4	3	1	3	2	1	1	3	2	0	28	1%
13-19	1	14	2	7	4	9	8	12	13	20	6	5	101	4%
20-29	21	150	65	71	60	60	57	73	64	65	62	17	765	30%
30-39	57	243	66	57	65	56	86	91	83	65	52	21	942	37%
40-49	20	97	37	19	23	29	15	37	34	30	24	4	369	14%
>49	6	33	8	1	3	7	11	9	8	5	11	5	107	4%
Unknown	199	9	10	13	9	2	3	1	0	0	2	0	248	10%
TOTAL	304	554	192	171	165	166	182	224	203	188	159	52	2560	100%
RACE														
White	196	360	107	83	98	93	103	144	110	110	81	30	1515	59%
African-American	71	158	64	68	59	68	73	72	84	71	71	18	877	34%
Other	15	8	4	2	5	5	2	7	8	6	5	1	68	3%
Unknown	22	28	17	18	3	0	4	1	1	1	2	3	100	4%
TOTAL	304	554	192	171	165	166	182	224	203	188	159	52	2560	100%
RISK														
MSM ⁽⁵⁾	19	240	78	53	69	61	64	77	78	87	72	19	917	36%
IDU ⁽⁶⁾	22	79	25	16	14	24	16	24	15	10	8	5	258	10%
MSM and IDU	1	26	3	5	4	5	6	7	3	2	2	0	64	3%
Hemophiliac	2	16	0	1	0	0	0	0	0	1	0	0	20	1%
Heterosexual ⁽⁷⁾	7	41	21	32	36	41	36	54	56	58	49	18	449	18%
Transfusion	2	9	3	1	0	2	1	0	1	0	0	0	19	1%
Perinatal	0	5	4	3	1	3	3	1	1	2	2	0	25	1%
Undetermined ⁽⁸⁾	251	138	58	60	41	30	56	61	49	28	26	10	808	32%
TOTAL	304	554	192	171	165	166	182	224	203	188	159	52	2560	100%

(1) Data for this report are obtained from physicians, hospitals, laboratories as well as counseling and testing sites.

(2) HIV cases and AIDS cases are maintained in separate datasets. This report includes only those HIV cases who have not progressed to AIDS.

(3) Data for the year 2000 only represent cases reported to the Department for Public Health through June 30, 2000.

(4) Percentages may not always total 100 due to rounding.

(5) MSM = Men having Sex with Men. (6) IDU = Injecting Drug User.

(7) Includes persons who have had heterosexual contact with a person who is HIV positive or at risk for HIV.

(8) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, dead, lost to follow-up, refused interview, and persons whose mode of exposure to HIV remains undetermined after investigation.

Notice to Readers

There are several limitations to the HIV data presented below. While physicians, hospitals and laboratories are required to report AIDS cases by name to the Kentucky Department for Public Health, prior to December 15, 2000, HIV cases were only required to be reported by initials. As a result, duplicate cases may be included in the HIV data set. Also, there are a high percentage of cases for which mode of exposure, age at diagnosis and year of diagnosis are undetermined. Only confidential HIV positive cases are reported to the Kentucky Department for Public Health. The HIV data set does not contain all HIV cases diagnosed. HIV cases who have progressed to AIDS are recorded in the AIDS data set. **The HIV cases listed below are only those cases living with HIV who had not developed AIDS as of June 30, 2000.**

CUMULATIVE HIV CASES ^(1,2)							
BY							
COUNTY OF RESIDENCE AT TIME OF DIAGNOSIS							
County	Cases	County	Cases	County	Cases	County	Cases
Adair	≤5	Edmonson	≤5	Knox	≤5	Nicholas	≤5
Allen	≤5	Elliott	≤5	Larue	≤5	Ohio	≤5
Anderson	≤5	Estill	≤5	Laurel	≤5	Oldham	55
Ballard	≤5	Fayette	428	Lawrence	≤5	Owen	≤5
Barren	≤5	Fleming	≤5	Lee	≤5	Owsley	≤5
Bath	≤5	Floyd	≤5	Leslie	≤5	Pendleton	≤5
Bell	9	Franklin	28	Letcher	≤5	Perry	≤5
Boone	15	Fulton	≤5	Lewis	≤5	Pike	≤5
Bourbon	≤5	Gallatin	≤5	Lincoln	≤5	Powell	≤5
Boyd	49	Garrard	≤5	Livingston	≤5	Pulaski	14
Boyle	8	Grant	≤5	Logan	≤5	Robertson	≤5
Bracken	≤5	Graves	14	Lyon	15	Rockcastle	≤5
Breathitt	≤5	Grayson	≤5	Madison	19	Rowan	≤5
Breckinridge	≤5	Green	≤5	Magoffin	≤5	Russell	≤5
Bullitt	10	Greenup	≤5	Marion	≤5	Scott	7
Butler	≤5	Hancock	≤5	Marshall	9	Shelby	10
Caldwell	≤5	Hardin	52	Martin	≤5	Simpson	≤5
Calloway	8	Harlan	≤5	Mason	≤5	Spencer	≤5
Campbell	31	Harrison	≤5	McCracken	52	Taylor	≤5
Carlisle	≤5	Hart	≤5	McCreary	≤5	Todd	≤5
Carroll	≤5	Henderson	30	McLean	≤5	Trigg	6
Carter	≤5	Henry	≤5	Meade	6	Trimble	≤5
Casey	≤5	Hickman	≤5	Menifee	≤5	Union	20
Christian	46	Hopkins	10	Mercer	9	Warren	31
Clark	11	Jackson	≤5	Metcalfe	≤5	Washington	≤5
Clay	11	Jefferson	1146	Monroe	7	Wayne	≤5
Clinton	≤5	Jessamine	15	Montgomery	≤5	Webster	≤5
Crittenden	≤5	Johnson	≤5	Morgan	10	Whitley	≤5
Cumberland	≤5	Kenton	75	Muhlenberg	8	Wolfe	≤5
Daviess	50	Knott	≤5	Nelson	7	Woodford	8

(1) For confidentiality purposes, cases less than or equal to 5 will no longer be listed.

(2) For 29 HIV cases, the county of residence is unknown.