



Division of Surveillance & Disease Control
West Virginia HIV/AIDS/STD
Program

HIV/AIDS

Surveillance Summary Report Update

West Virginia
Year-End 2001



February 2002

West Virginia HIV/AIDS/STD Program

Surveillance Staff

(304) 558-2987 or (800) 423-1271

Faisal Khan, M.D., D.P.H.
Mark Shahbandy
Kaluwa Hypes, R.N.
Martha Ventura, R.N.

Director, HIV/AIDS/STD Program
HARS Administrator
HIV/AIDS Surveillance
HIV/AIDS Surveillance

Prevention Staff

(304) 558-2195 or (800) 642-8244

Nils Haynes
HIV/AIDS Educator, Minorities, Substance Abuse

John Hamilton II
CBO/Grant Activities Coordinator

Chuck Hall
HIV/AIDS Educator, Workplace,
Correctional Facilities

Chuck Anziulewicz
HIV/AIDS Educator, Media Relations,
Men Who Have Sex With Men

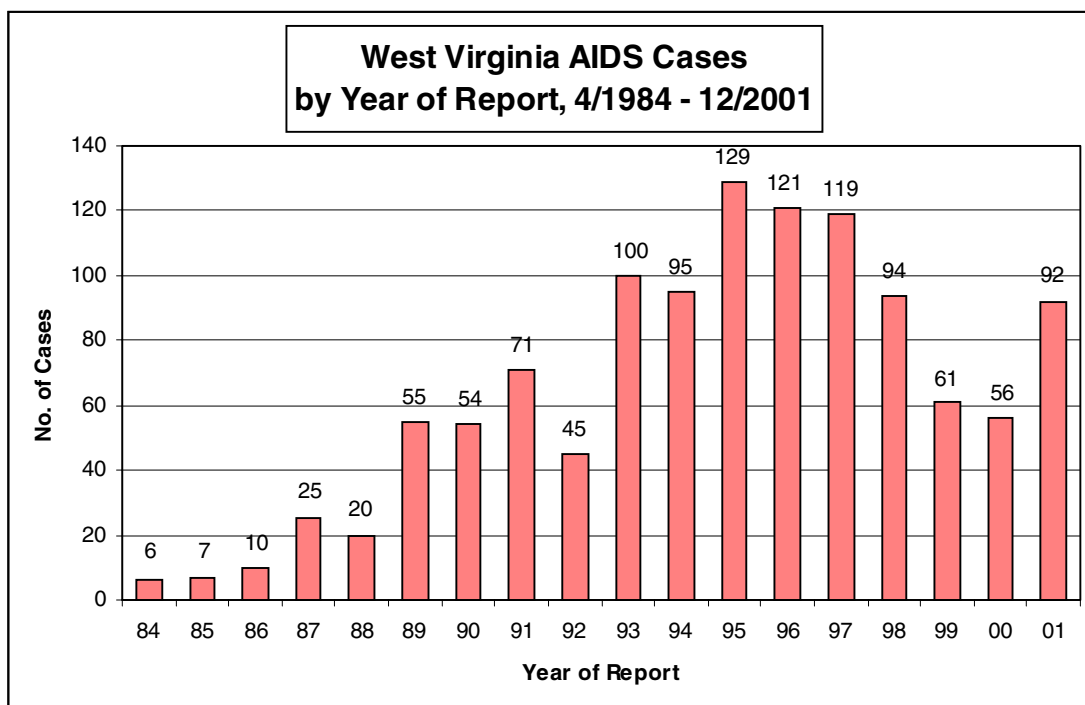
Sheila Ware
HIV/AIDS Educator, Women at Risk,
Correctional Facilities

Teresa Martin
HIV/AIDS Program Secretary

NOTICE TO HEALTH CARE PROVIDERS, LABORATORIES, AND OTHERS RESPONSIBLE FOR DISEASE REPORTING:

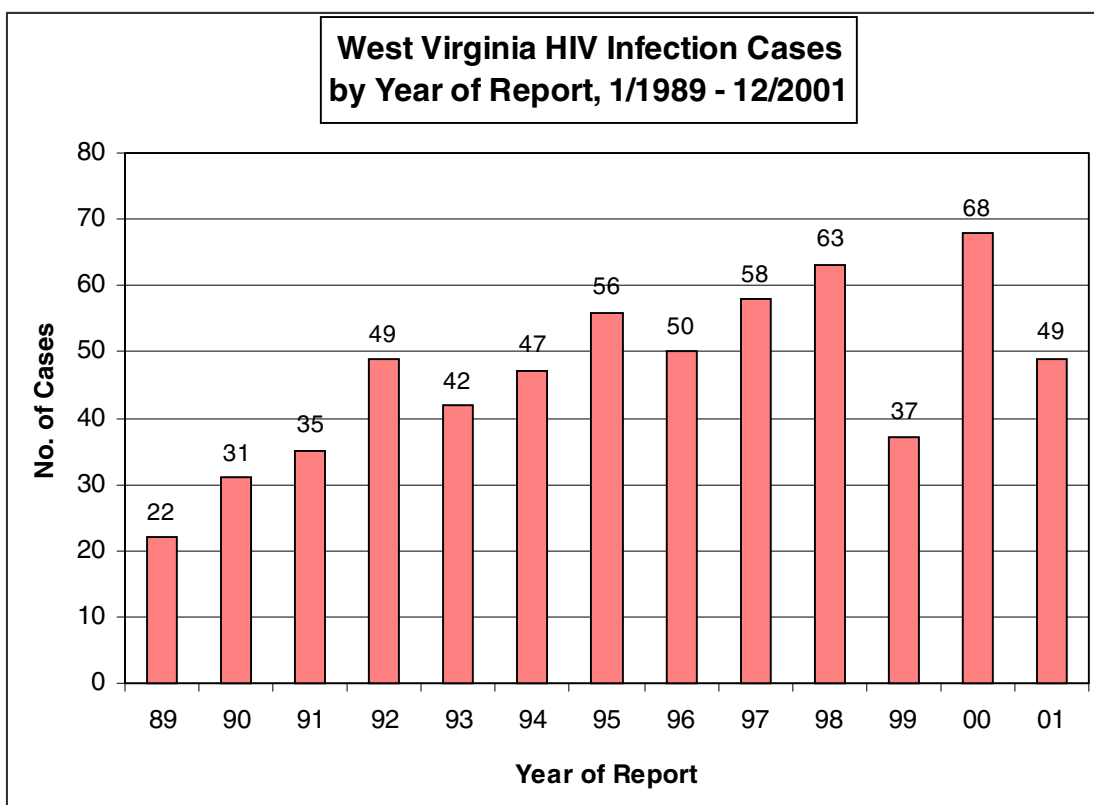
West Virginia Code §16-3C-8, §16-3-1et seq., requires that all positive HIV test results and all cases of AIDS as defined by the CDC must be reported to the West Virginia Bureau for Public Health. For information on the CDC AIDS case definition, to obtain case report forms, or to report a case, contact:

**West Virginia HIV/AIDS/STD Program
350 Capitol Street, Room 125
Charleston, West Virginia 25301-3715
Telephone (304) 558-2987 or (800) 423-1271**



West Virginia AIDS Cases and Deaths by Year of Report, 4/1984 - 12/2001					
Year of Report	Total Cases	Alive		Deceased	
		#	%	#	%
1984-87	48	1	2	47	98
1988	20	1	5	19	95
1989	55	4	7	51	93
1990	54	3	6	51	94
1991	71	5	7	66	93
1992	45	5	11	40	89
1993	100	19	19	81	81
1994	95	37	39	58	61
1995	129	58	45	71	55
1996	121	74	61	47	39
1997	119	88	74	31	26
1998	94	67	71	27	29
1999	61	50	82	11	18
2000	56	34	61	22 *	39
2001	92	82	89	10	11
Total	1160	528	46	632	54

* A note about high number of mortalities: Surveillance staff examined West Virginia death records from 1980-2000 for completeness of HIV/AIDS surveillance. From the 365,725 records provided by the Vital Registration Office, review of the primary cause of death yielded 47 previously unknown, potential cases of HIV infection for further investigation. Of these 47, 12 cases had AIDS related causes of death that were not previously reported to the West Virginia AIDS Program.



West Virginia HIV Infection Cases and Deaths by Year of Report, 1/1989 - 12/2001					
Year Reported	Total Cases	Alive		Deceased	
		#	%	#	%
1989	22	19	86	3	14
1990	31	28	90	3	10
1991	35	30	86	5	14
1992	49	47	96	2	4
1993	42	41	98	1	2
1994	47	43	91	4	9
1995	56	53	95	3	5
1996	50	49	98	1	2
1997	58	54	93	4	7
1998	63	59	94	4	6
1999	37	36	97	1	3
2000	68	67	99	1	1
2001	49	49	100	0	0
Total	607	575	95	32	5

West Virginia AIDS and HIV Infection Cases by Age Group, Gender, Race and Risk Behavior Cumulative through December 31, 2001*						
Characteristic	AIDS		HIV		Total	
Age Group~	#	%	#	%	#	%
Under 5	8	0.7	7	1.2	15	0.8
5-12	2	0.2	1	0.2	3	0.2
13-19	9	0.8	29	4.8	38	2.2
20-29	206	17.8	229	37.7	435	24.6
30-39	516	44.5	226	37.2	742	42.0
40-49	305	26.3	87	14.3	392	22.2
50 and Over	114	9.8	28	4.6	142	8.0
Gender						
Male	999	86	443	73	1442	82
Female	161	14	164	27	325	18
Race						
White	933	81	364	59	1297	73.4
Black	213	18	214	37	427	24.2
Other/Unknown	14	1	29	4	43	2.4
Risk Behavior						
Adult						
MSM	648	56	259	43	907	52
IDU	187	16	113	19	300	17
MSM/IDU	68	6	19	3	87	5
Coagulation Disorder	38	3	8	1	46	3
Heterosexual Contact	112	10	95	16	207	12
Transfusion/Transplant	34	3	6	1	40	2
No Identified Risk	4	0	4	1	8	0
Other^	59	5	95	16	154	9
Subtotal	1150	100	599	100	1749	100
Pediatric						
Coagulation Disorder	1	11	0	0	1	6
Mother HIV Positive	9	89	8	100	17	94
Subtotal	10	100	8	100	18	100
TOTAL CASES	1160	100	607	100	1767	100

MSM = Men having Sex With Men; IDU = Injecting Drug User

* AIDS data includes April 1984 through December 31, 2001, and

HIV data includes January 1989 through December 31, 2001.

^ Other risk behavior includes cases reported with no risk identified that have been closed to follow-up.

~ Age group intervals depicted in the table above may not be uniform due to:

- a) Small number of cases are among under 13 age groups, b) Twelve years of age and under are considered pediatric cases, c) 13-19 being the adolescent age group.

West Virginia AIDS and HIV Infection Cases by Age Group and Gender, Cumulative through December 2001*														
Age Group^	Males				Females				Totals					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Under 5	3	0	4	1	5	3	3	2	8	1	7	1	15	1
5-12	1	0	1	0	1	1	0	0	2	0	1	0	3	0
13-19	8	1	16	4	1	1	13	8	9	1	29	5	38	2
20-29	171	17	163	37	35	22	66	40	206	18	229	38	435	25
30-39	441	44	168	38	75	47	58	35	516	44	226	37	742	42
40-49	274	27	69	16	31	19	18	11	305	26	87	14	392	22
50+	101	10	22	5	13	8	6	4	114	10	28	5	142	8
Total	999	100	443	100	161	100	164	100	1160	100	607	100	1767	100

West Virginia AIDS and HIV Infection Cases by Race and Gender, Cumulative through December 2001*														
Race/ethnicity	Males				Females				Totals					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult/Adolescent	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	824	83	293	67	105	68	66	41	929	81	359	60	1288	74
Black, Not Hispanic	160	16	127	29	48	31	84	52	208	18	211	35	419	24
Unknown/Others	11	1	18	4	2	1	11	7	13	1	29	5	42	2
Adult Subtotal	995	100	438	100	155	100	161	100	1150	100	599	100	1749	100
Pediatric	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	1	25	3	60	3	50	2	67	4	40	5	63	9	50
Black, Not Hispanic	2	50	2	40	3	50	1	33	5	50	3	38	8	44
Unknown/Others	1	25	0	0	0	0	0	0	1	10	0	0	1	6
Pediatric Subtotal	4	100	5	100	6	100	3	100	10	100	8	100	18	100
Total	999		443		161		164		1160		607		1767	

Note: Adult or pediatric classification is based on age at time of AIDS diagnosis if patient met the AIDS case definition; otherwise classification is based on age at first HIV report.

Percent in columns may not add up to 100% due to rounding.

* AIDS data includes April 1984 through December 31, 2001 and
HIV data includes January 1989 through December 31, 2001.

^ Age group intervals depicted in the table above may not be uniform due to: **a)** Small number of cases are among under 13 age groups, **b)** Twelve years of age and under are considered pediatric cases, **c)** 13-19 being the adolescent age group.

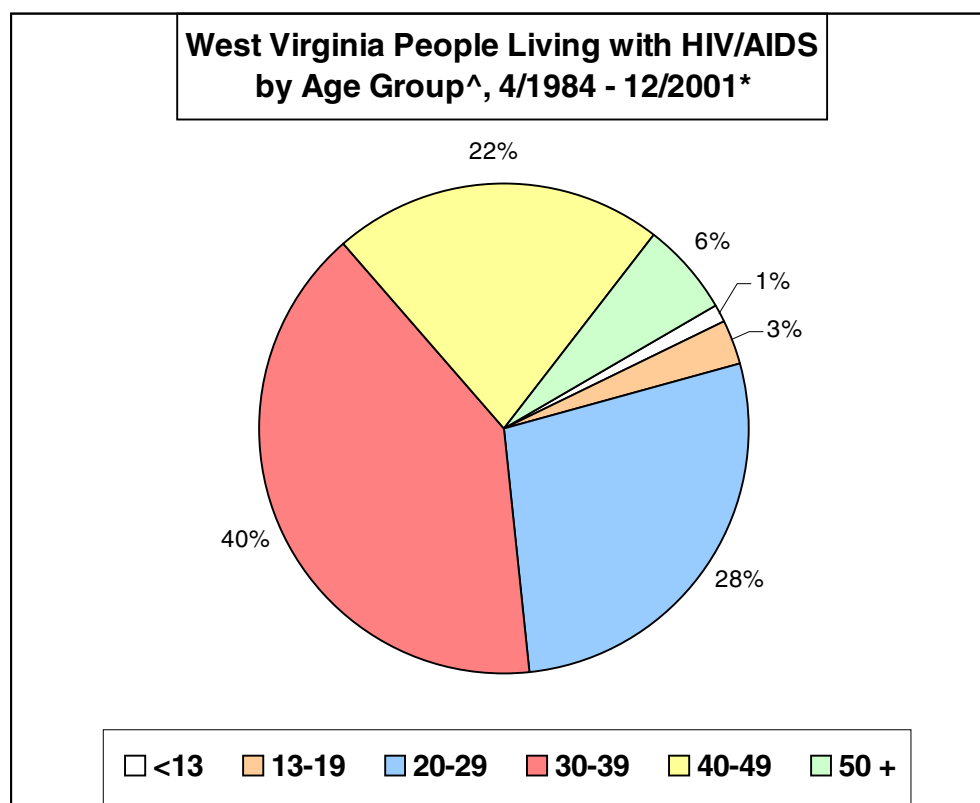
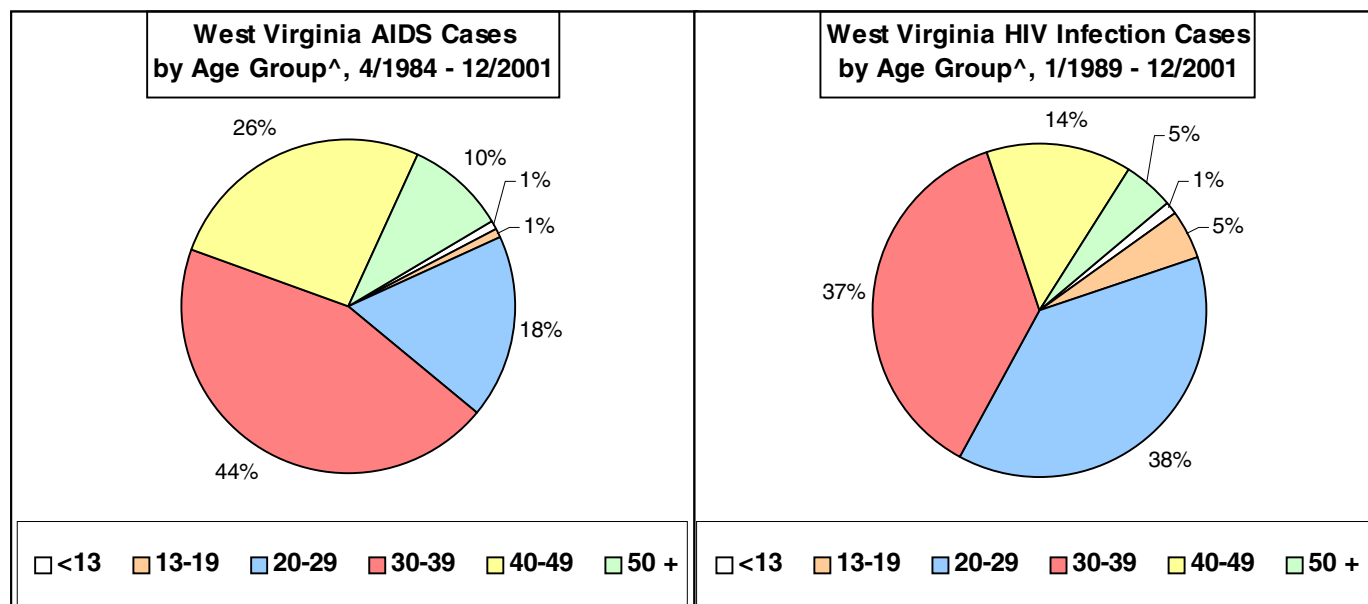
West Virginia AIDS and HIV Infection Cases by Risk Behavior and Gender, Cumulative through December 2001*														
Risk Behavior	Males				Females				Totals					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult/Adolescent	#	%	#	%	#	%	#	%	#	%	#	%	#	%
MSM	648	65	259	59	0	0	0	0	648	56	259	43	907	52
IDU	132	13	59	13	55	35	54	34	187	16	113	19	300	17
MSM/IDU	68	7	19	4	0	0	0	0	68	6	19	3	87	5
Coagulation Disorder	37	4	8	2	1	1	0	0	38	3	8	1	46	3
Heterosexual Contact	37	4	25	6	75	48	70	43	112	10	95	16	207	12
Transfusion/Transplant	22	2	5	1	12	8	1	1	34	3	6	1	40	2
NIR/Other	51	5	63	14	12	8	36	22	63	5	99	17	162	9
Adult Subtotal	995	100	438	100	155	100	161	100	1150	100	599	100	1749	100
Pediatric	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Coagulation Disorder	1	25	0	0	0	0	0	0	1	10	0	0	1	6
Mother with/at HIV Risk	3	75	5	100	6	100	3	100	9	90	8	100	17	94
Transfusion/Transplant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIR/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pediatric Subtotal	4	100	5	100	6	100	3	100	10	100	8	100	18	100
Total	999		443		161		164		1160		607		1767	

West Virginia AIDS Cases by Risk Behavior and Race, Cumulative through December 2001*									
Risk Behavior	White		Black		Other/Unknown		Total		
Adult Male	#	%	#	%	#	%	#	%	%
MSM	588	71	55	34	5	45	648	65	
IDU	63	8	66	41	3	27	132	13	
MSM/IDU	58	7	10	6	0	0	68	7	
Coagulation Disorder	36	4	1	1	0	0	37	4	
Heterosexual Contact	22	3	15	9	0	0	37	4	
Transfusion/Transplant	20	2	2	1	0	0	22	2	
NIR/Other	37	4	11	7	3	27	51	5	
Male Subtotal	824	100	160	100	11	100	995	100	
Adult Female	#	%	#	%	#	%	#	%	%
IDU	33	31	22	46	0	0	55	35	
Coagulation Disorder	1	1	0	0	0	0	1	1	
Heterosexual Contact	54	51	20	42	1	50	75	48	
Transfusion/Transplant	9	9	3	6	0	0	12	8	
NIR/Other	8	8	3	6	1	50	12	8	
Female Subtotal	105	100	48	100	2	100	155	100	
Adult Total	929		208		13		1150		
Pediatric	#	%	#	%	#	%	#	%	%
Coagulation Disorder	1	25	0	0	0	0	1	11	
Mother with/at HIV Risk	3	75	5	100	1	100	8	89	
Transfusion/Transplant	0	0	0	0	0	0	0	0	
NIR/Other	0	0	0	0	0	0	0	0	
Pediatric Subtotal	4	100	5	100	1	100	9	100	
Total	933		213		14		1160		

Note: Percent in columns may not add up to 100% due to rounding.

* AIDS data includes April 1984 through December 31, 2001 and

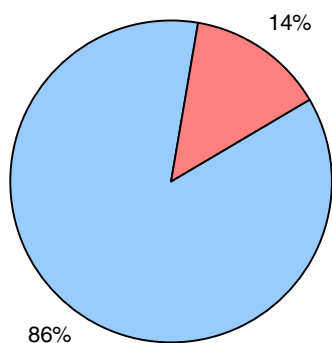
HIV data includes January 1989 through December 31, 2001.



* AIDS data includes April 1984 through December 31, 2001 and HIV data includes January 1989 through December 31, 2001.

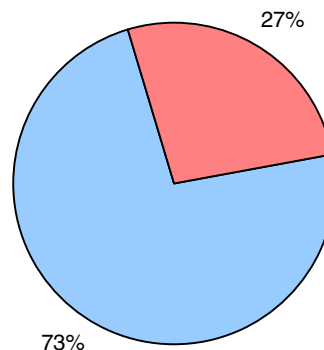
[^] Age group intervals depicted in the pie charts may not be uniform due to: **a)** Small number of cases are among under 13 age groups, **b)** Twelve years of age and under are considered pediatric cases, **c)** 13-19 being the adolescent age group.

**West Virginia AIDS Cases
by Gender, 4/1984 - 12/2001**



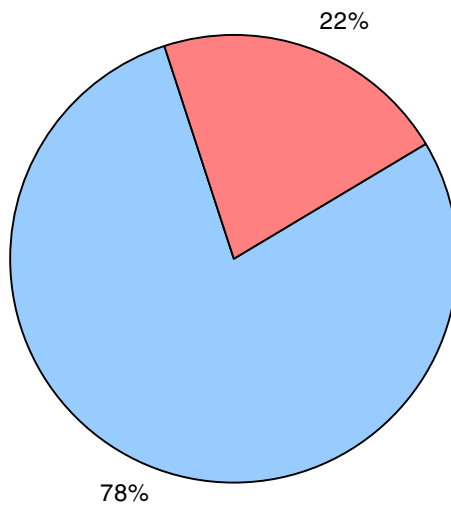
Male Female

**West Virginia HIV Infection Cases
by Gender, 1/1989 - 12/2001**



Male Female

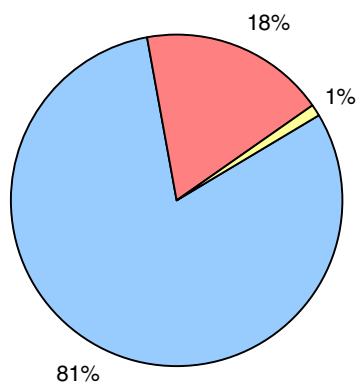
**West Virginia People Living with HIV/AIDS
by Gender, 4/1984 - 12/2001***



Male Female

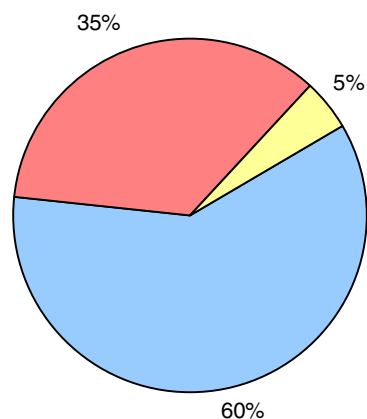
* AIDS data includes April 1984 through December 31, 2001 and
HIV data includes January 1989 through December 31, 2001.

**West Virginia AIDS Cases
by Race, 4/1984 - 12/2001**



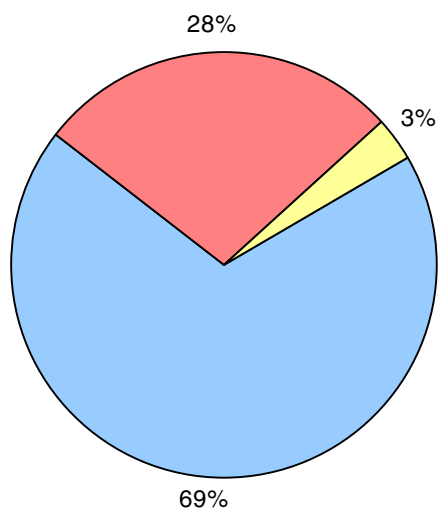
White Black Other/Unknown

**West Virginia HIV Infection Cases
by Race, 1/1989 - 12/2001**



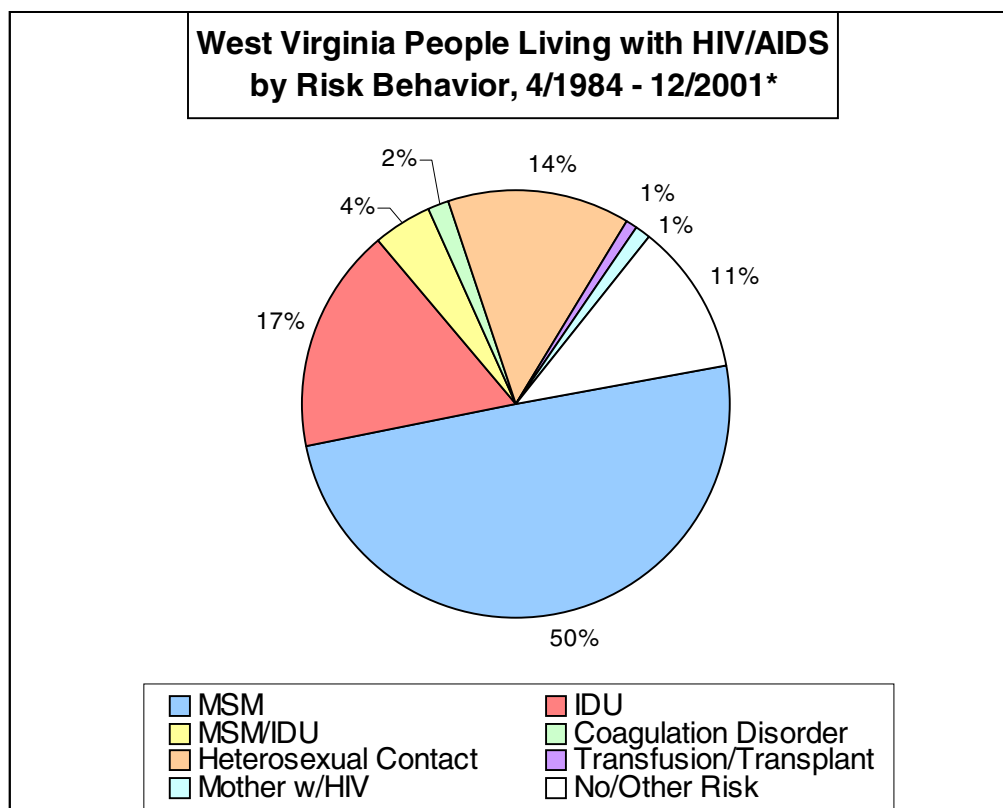
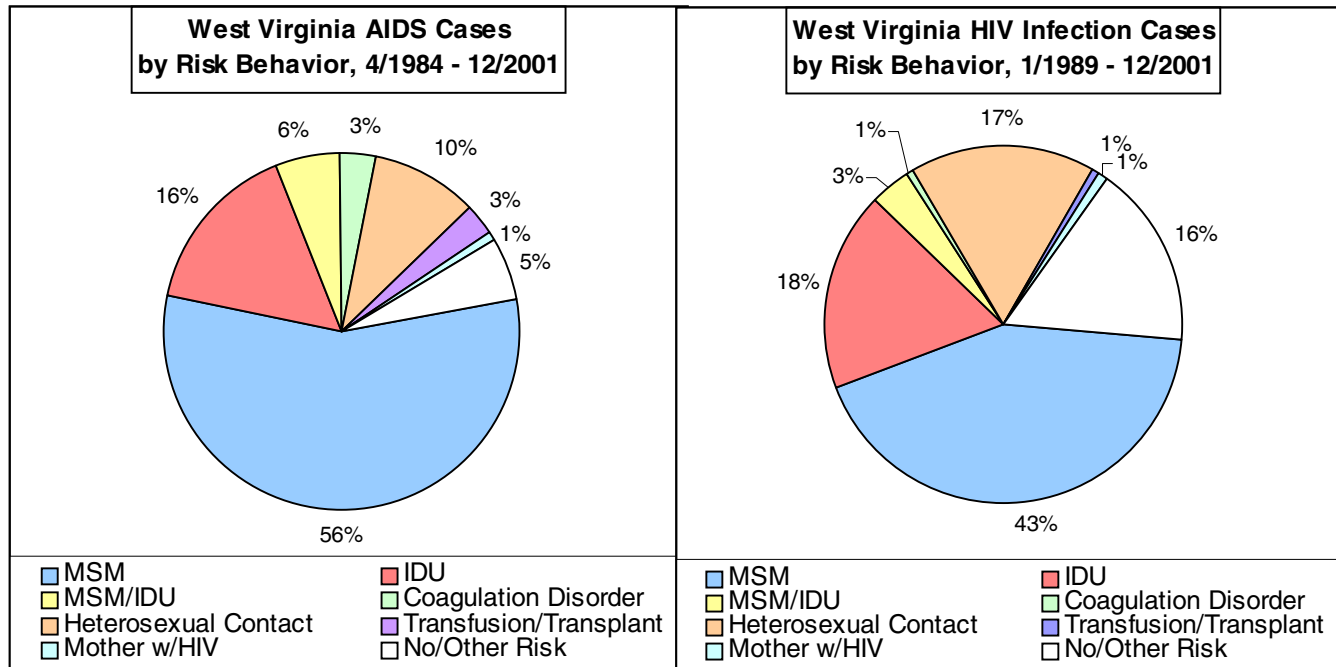
White Black Other/Unknown

**West Virginia People Living with HIV/AIDS
by Race, 4/1984 - 12/2001***



White Black Other/Unknown

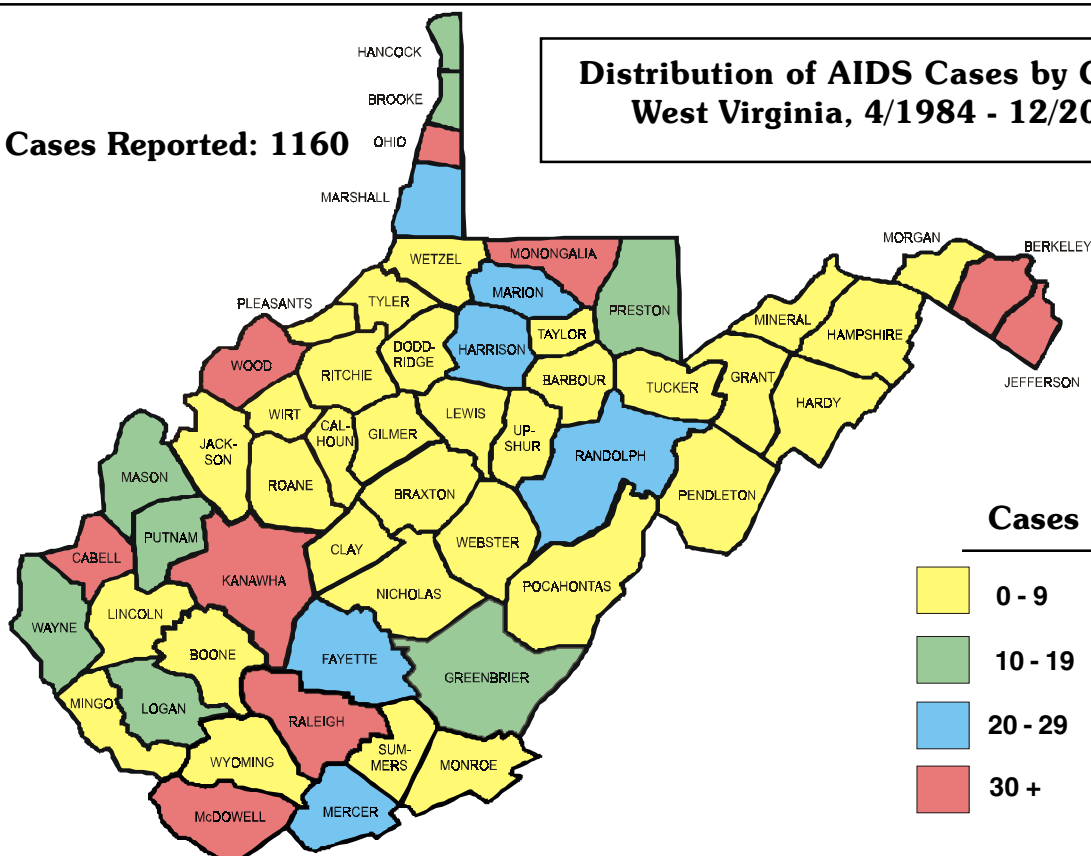
* AIDS data includes April 1984 through December 31, 2001 and
HIV data includes January 1989 through December 31, 2001.



* AIDS data includes April 1984 through December 31, 2001 and HIV data includes January 1989 through December 31, 2001.

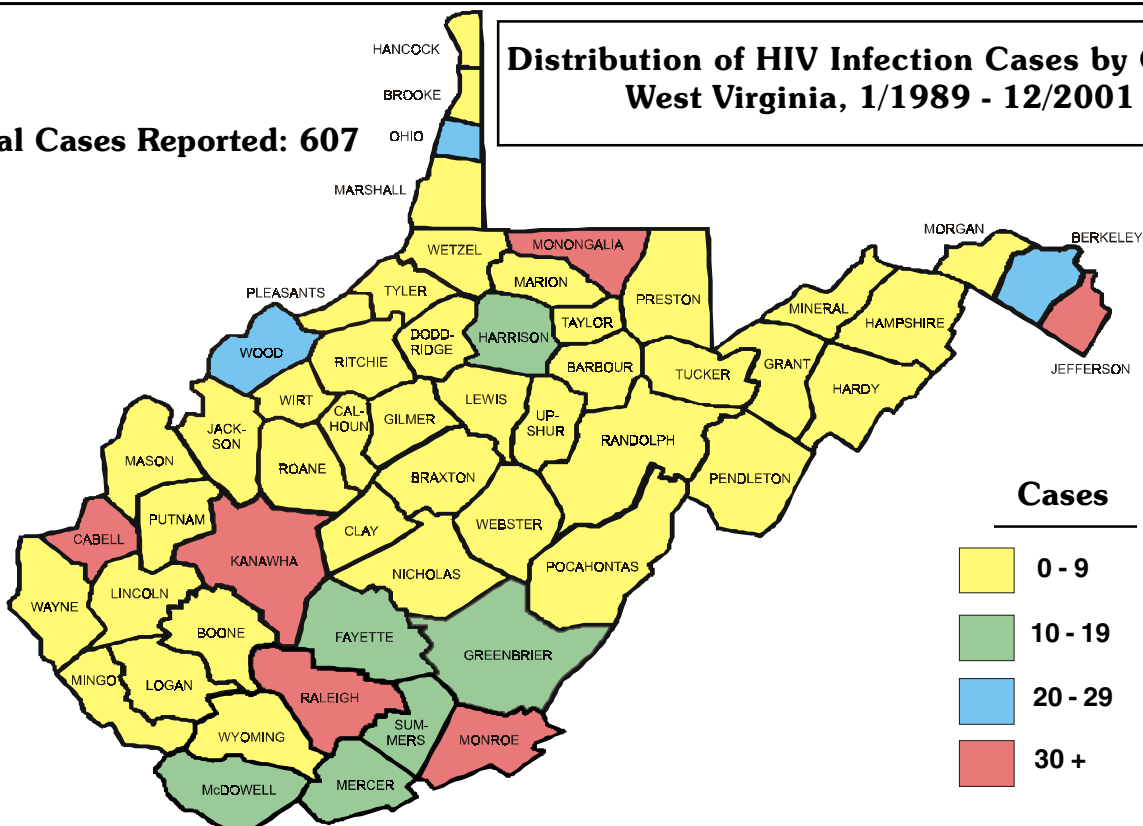
Total Cases Reported: 1160

**Distribution of AIDS Cases by County
West Virginia, 4/1984 - 12/2001**



Total Cases Reported: 607

**Distribution of HIV Infection Cases by County
West Virginia, 1/1989 - 12/2001**





West Virginia HIV/AIDS/STD Program
350 Capitol Street, Room 125
Charleston, West Virginia 25301-3715
(304) 558-2987 (800) 423-1271
www.wvdhhr.org

HIV/AIDS Surveillance Summary Report Update Year-End 2001