

West Virginia Department of Health and Human Resources

Division of Surveillance & Disease Control

West Virginia HIV/AIDS/STD
Program



HIV/AIDS
Surveillance Summary
Report Update

West Virginia
Year-End 2002

January 2003

West Virginia HIV/AIDS/STD Program

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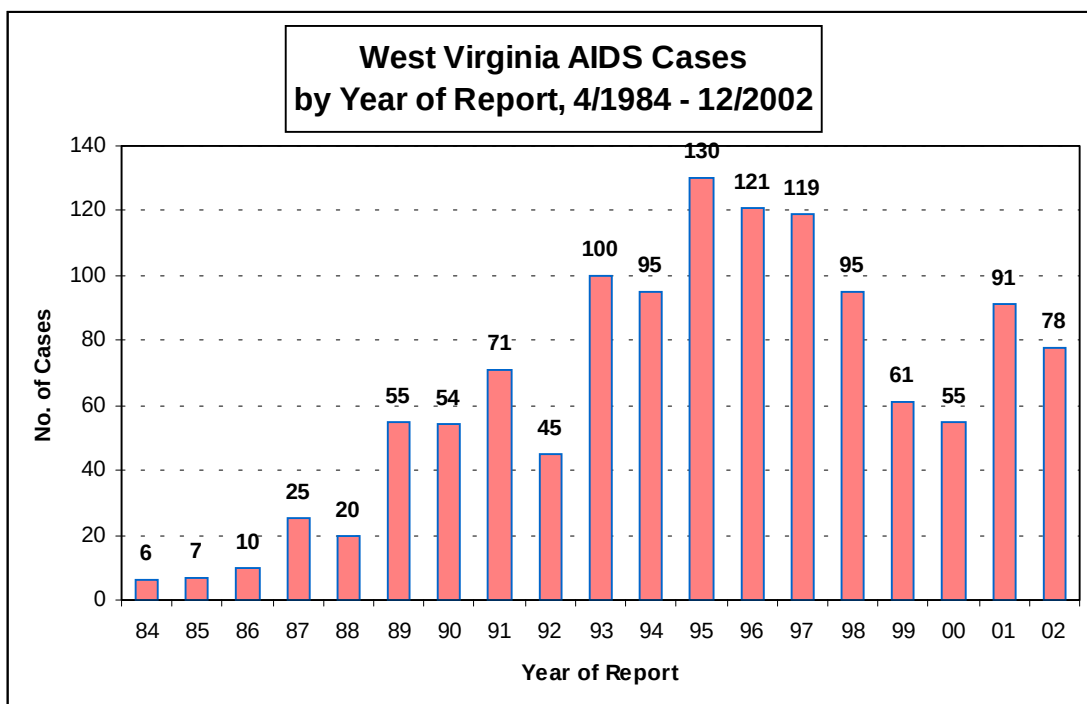
Teresa Martin
HIV/AIDS/STD Program
Secretary

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**

HIV/AIDS in West Virginia

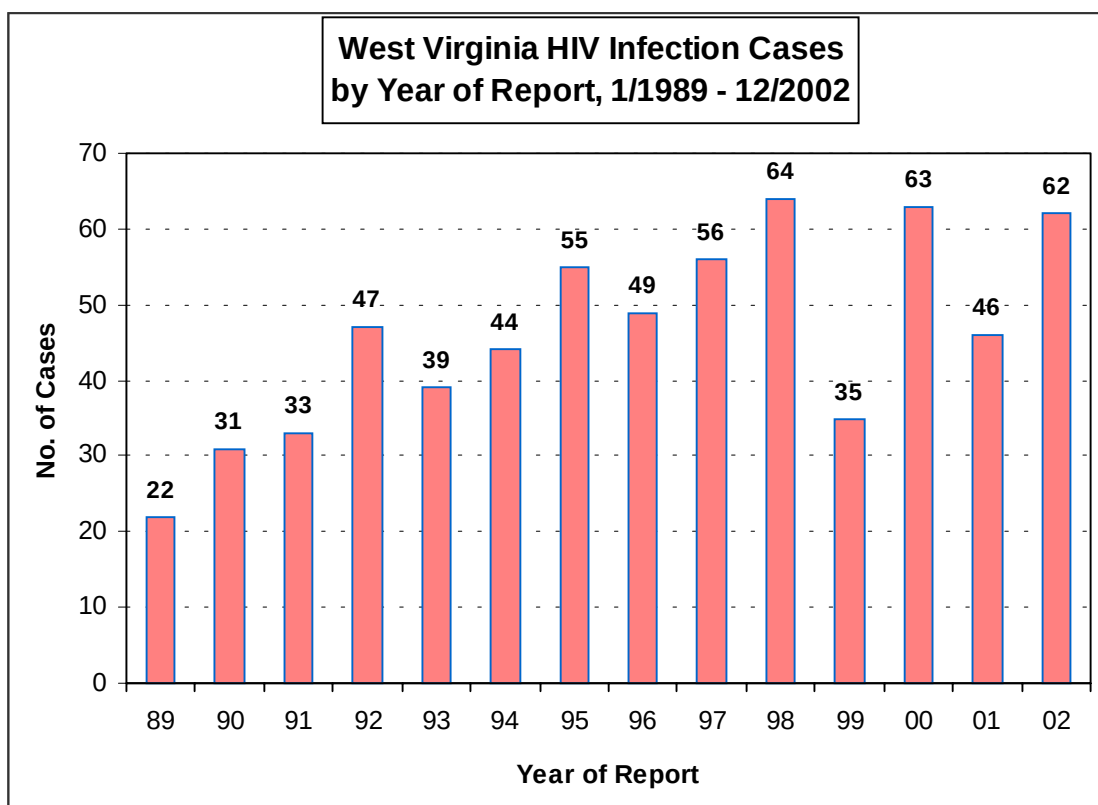


West Virginia AIDS Cases and Deaths by Year of Report, 4/1984 - 12/2002					
Year of Report	Total Cases	Alive		Deceased	
		#	%	#	%
1984-87	48	1	2	47	98
1988	20	0	0	20	100
1989	55	3	5	52	95
1990	54	2	4	52	96
1991	71	5	7	66	93
1992	45	5	11	40	89
1993	100	17	17	83	83
1994	95	33	35	62	65
1995	130	55	42	75	58
1996	121	69	57	52	43
1997	119	79	66	40	34
1998	95	65	68	30	32
1999	61	50	82	11	18
2000	55	30	55	25 ^	45
2001	91	77	85	14	15
2002	78	64	82	14	18
Total	1238	555	45	683	55

^ 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.

* AIDS data includes April 1984 through December 31, 2002.

HIV/AIDS in West Virginia



West Virginia HIV Infection Cases and Deaths by Year of Report, 1/1989 - 12/2002					
Year Reported	Total Cases	Alive		Deceased	
		#	%	#	%
1989	22	18	82	4	18
1990	31	28	90	3	10
1991	33	26	79	7	21
1992	47	45	96	2	4
1993	39	37	95	2	5
1994	44	39	89	5	11
1995	55	50	91	5	9
1996	49	47	96	2	4
1997	56	52	93	4	7
1998	64	60	94	4	6
1999	35	35	100	0	0
2000	63	61	97	2	3
2001	46	46	100	0	0
2002	62	62	100	0	0
Total	646	606	94	40	6

* HIV data includes January 1989 through December 31, 2002.

West Virginia AIDS and HIV Infection Cases by Age Group, Gender, Race and Risk Behavior Cumulative through December 31, 2002*						
Characteristic	AIDS		HIV		Total	
Age Group~	#	%	#	%	#	%
Under 5	8	1	7	1	15	1
5-12	2	<1	1	<1	3	<1
13-19	11	1	32	5	43	2
20-29	218	18	236	37	454	24
30-39	544	44	243	38	787	42
40-49	328	26	98	15	426	23
50 and Over	127	10	29	4	156	8
Total	1238	100	646	100	1884	100
Gender						
Male	1059	86	466	72	1525	81
Female	179	14	180	28	359	19
Total	1238	100	646	100	1884	100
Race						
White	991	81	391	59	1382	73
Black	232	18	224	37	456	24
Other/Unknown	15	1	31	4	46	2
Total	1238	100	646	100	1884	100
Risk Behavior						
Adult						
MSM	688	56	279	44	967	52
IDU	198	16	122	19	320	17
MSM/IDU	71	6	19	3	90	5
Coagulation Disorder	39	3	7	1	46	2
Heterosexual Contact	121	10	102	16	223	12
Transfusion/Transplant	34	3	6	1	40	2
No Identified Risk	7	<1	12	<1	19	1
Other^	70	6	91	14	161	9
Subtotal	1228	99	638	98	1866	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 Adults & Pediatrics	1238	100	646	98	1884	100

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

* AIDS data includes April 1984 through December 31, 2002, and
HIV data includes January 1989 through December 31, 2002.

^ 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:

- Small number of cases in the under 13 age groups.
- Cases twelve years of age and under are pediatric cases.
- 13-19 being the adolescent age group.

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

HIV/AIDS in West Virginia

West Virginia AIDS and HIV Infection Cases by Age Group and Gender Cumulative through December 2002*														
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	9	1	15	3	2	1	17	9	11	1	32	5	43	2
20-29	181	17	167	36	37	21	69	38	218	18	236	37	454	24
30-39	459	43	179	38	85	47	64	36	544	44	243	38	787	42
40-49	295	28	77	17	33	18	21	12	328	26	98	15	426	23
50+	111	10	23	5	16	9	6	3	127	10	29	4	156	8
Total	1059	100	466	100	179	100	180	100	1238	100	646	100	1884	100

West Virginia AIDS and HIV Infection Cases by Race and Gender Cumulative through December 2002*														
Race/ethnicity	Males				Females				Totals					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult/Adolescent	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	875	83	311	67	112	65	74	42	987	80	385	60	1372	74
Black, Not Hispanic	168	16	131	28	59	34	91	51	227	18	222	35	449	24
Unknown/Others	12	1	19	4	2	1	12	7	14	1	31	5	45	2
Adult Subtotal	1055	100	461	100	173	100	177	100	1228	100	638	100	1866	100
Pediatric	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	1	25	4	80	3	50	2	67	4	40	6	75	10	56
Black, Not Hispanic	2	50	1	20	3	50	1	33	5	50	2	25	7	39
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	1059		466		179		180		1238		646		1884	

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, 2002 and
HIV data includes January 1989 through December 31, 2002.

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

- a) Small number of cases in the under 13 age groups.
- b) Cases twelve years of age and under are pediatric cases.
- c) 13-19 being the adolescent age group.

HIV/AIDS in West Virginia

West Virginia AIDS and HIV Infection Cases by Risk Behavior and Gender Cumulative through December 2002*														
Risk Behavior	Males				Females				Totals					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult/Adolescent	#	%	#	%	#	%	#	%	#	%	#	%	#	%
MSM	688	65	279	61	0	0	0	0	688	56	279	44	967	52
IDU	139	13	62	13	59	34	60	34	198	16	122	19	320	17
MSM/IDU	71	7	19	4	0	0	0	0	71	6	19	3	90	5
Coagulation Disorder	38	4	7	2	1	1	0	0	39	3	7	1	46	2
Heterosexual Contact	38	4	29	6	83	48	73	41	121	10	102	16	223	12
Transfusion/Transplant	22	2	5	1	12	7	1	1	34	3	6	1	40	2
NIR/Other	59	6	60	13	18	10	43	24	77	6	103	16	180	10
Adult Subtotal	1055	100	461	100	173	100	177	100	1228	100	638	100	1866	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	1059		466		179		180		1238		646		1884	

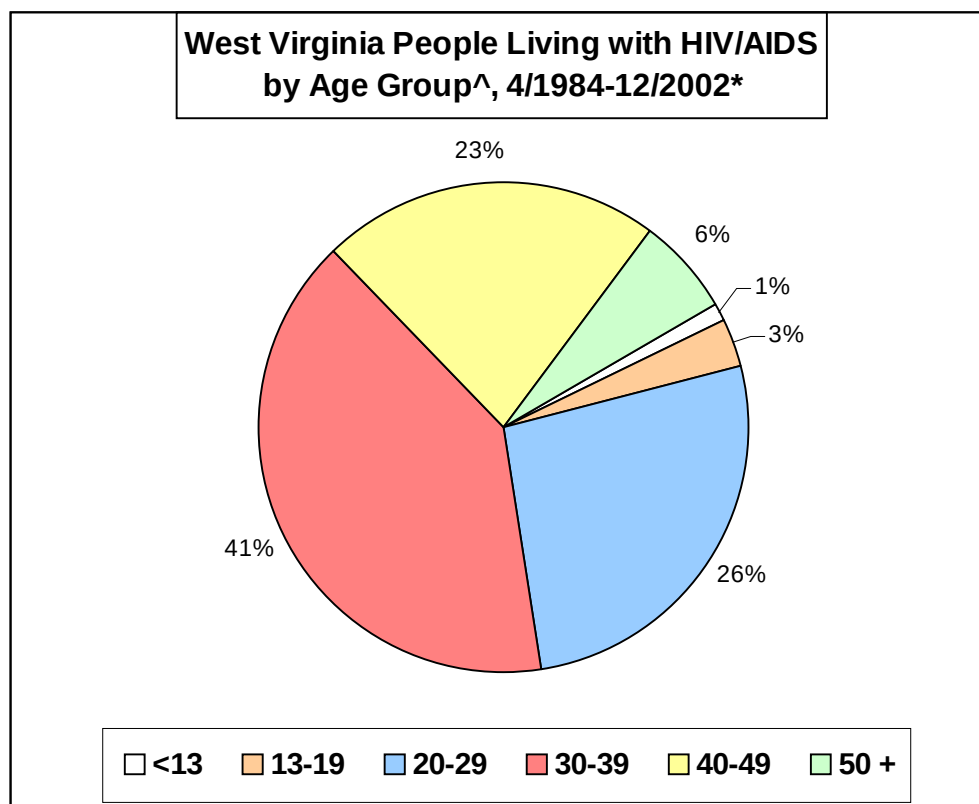
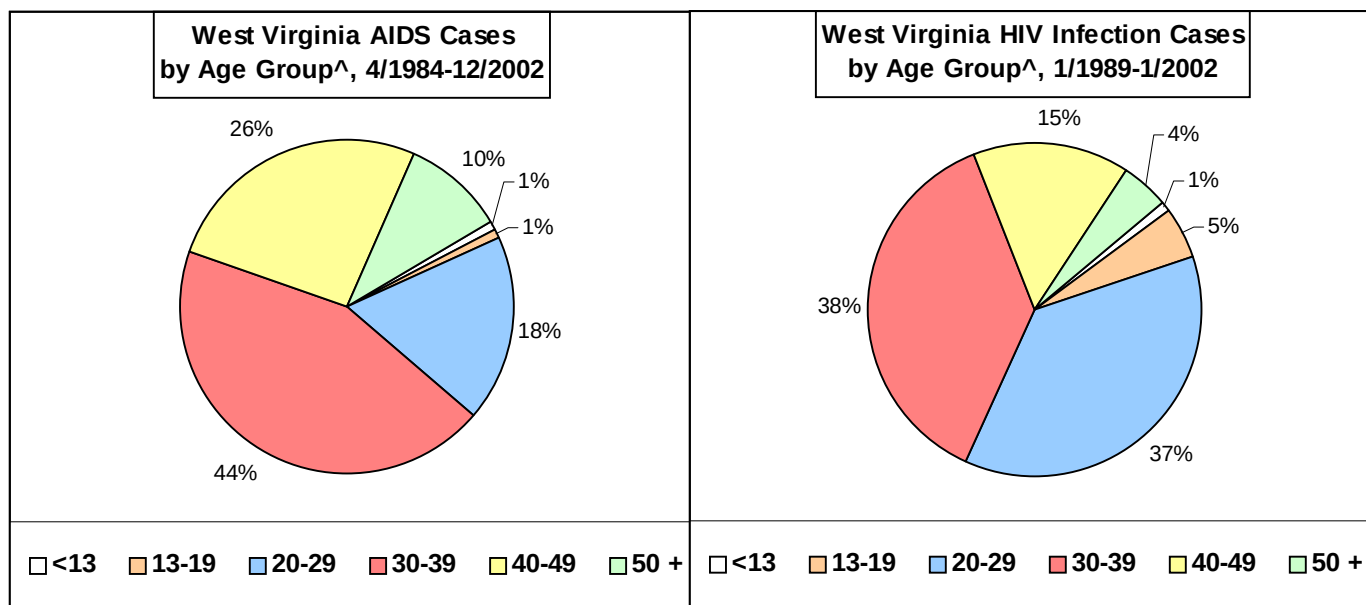
West Virginia AIDS Cases by Risk Behavior, Gender, and Race Cumulative through December 2002*								
Risk Behavior	White		Black		Other/Unknown		Total	
	#	%	#	%	#	%	#	%
Adult Male	#	%	#	%	#	%	#	%
MSM	624	71	59	35	6	50	689	65
IDU	68	8	68	40	3	25	139	13
MSM/IDU	60	7	11	7	0	0	71	7
Coagulation Disorder	37	4	1	1	0	0	38	4
Heterosexual Contact	23	3	15	9	0	0	38	4
Transfusion/Transplant	20	2	2	1	0	0	22	2
NIR/Other	43	5	12	7	3	25	58	5
Male Subtotal	875	100	168	100	12	100	1055	100
Adult Female	#	%	#	%	#	%	#	%
IDU	33	29	26	44	0	0	59	34
Coagulation Disorder	1	1	0	0	0	0	1	1
Heterosexual Contact	58	52	24	41	1	50	83	48
Transfusion/Transplant	9	8	3	5	0	0	12	7
NIR/Other	11	10	6	10	1	50	18	10
Female Subtotal	112	100	59	100	2	100	173	100
Adult Total	987		227		14		1228	
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	991		232		15		1238	

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

* AIDS data includes April 1984 through December 31, 2002 and

HIV data includes January 1989 through December 31, 2002.

HIV/AIDS in West Virginia



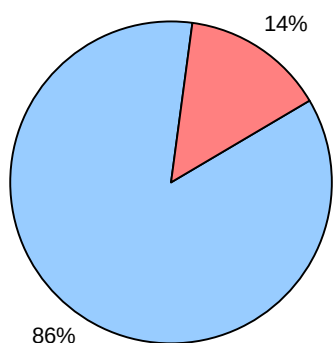
* AIDS data includes April 1984 through December 31, 2002 and HIV data includes January 1989 through December 31, 2002.

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- c) 13-19 being the adolescent age group.

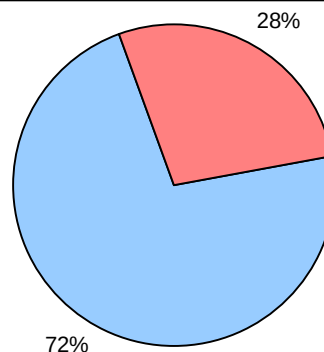
HIV/AIDS in West Virginia

**West Virginia AIDS Cases
by Gender, 4/1984-12/2002**



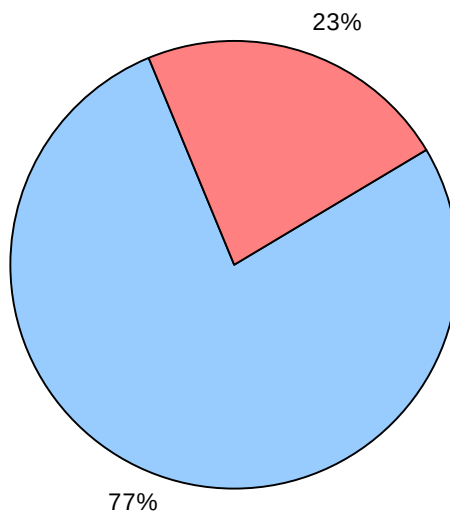
Male Female

**West Virginia HIV Infection Cases
by Gender, 1/1989-12/2002**



Male Female

**West Virginia People Living with HIV/AIDS
by Gender, 4/1984-12/2002***

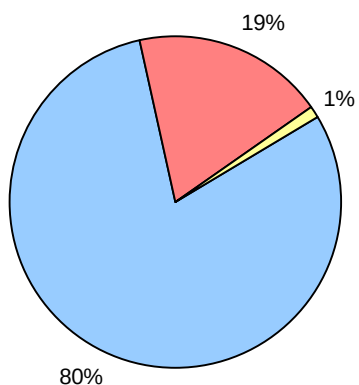


Male Female

* AIDS data includes April 1984 through December 31, 2002 and
HIV data includes January 1989 through December 31, 2002.

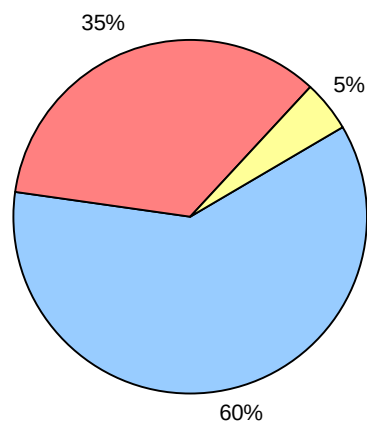
HIV/AIDS in West Virginia

**West Virginia AIDS Cases
by Race, 4/1984-12/2002**



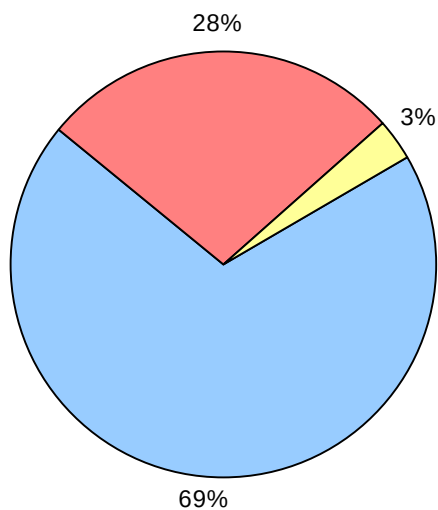
White Black Other/Unknown

**West Virginia HIV Infection Cases
by Race, 1/1989-12/2002**



White Black Other/Unknown

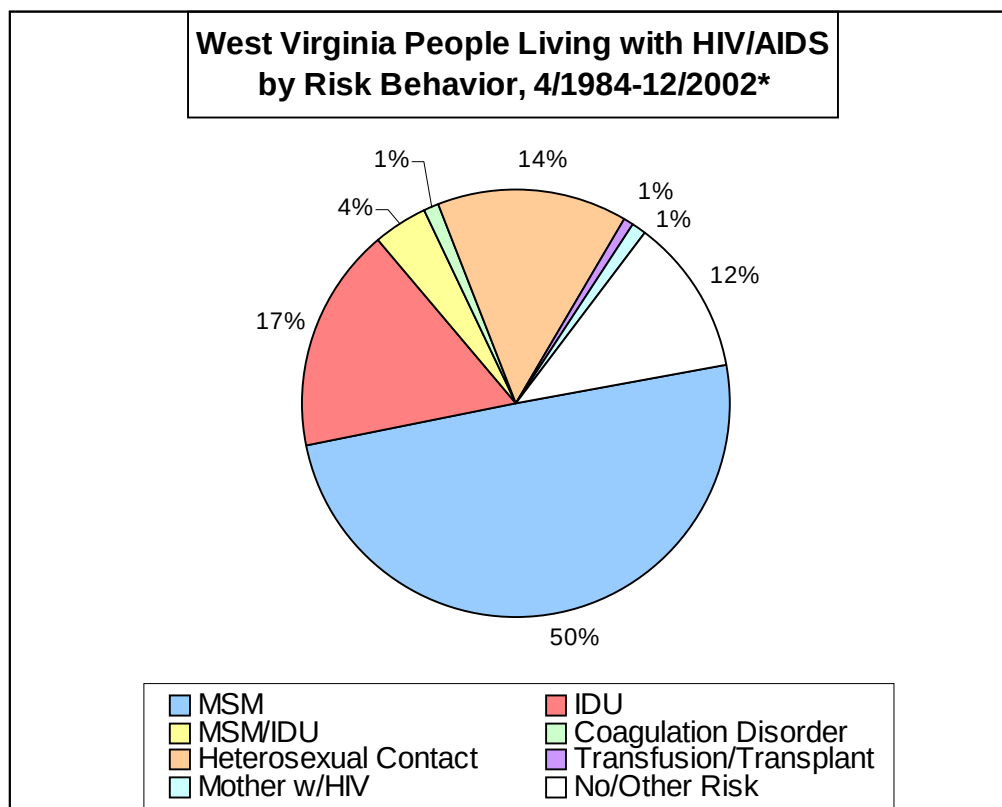
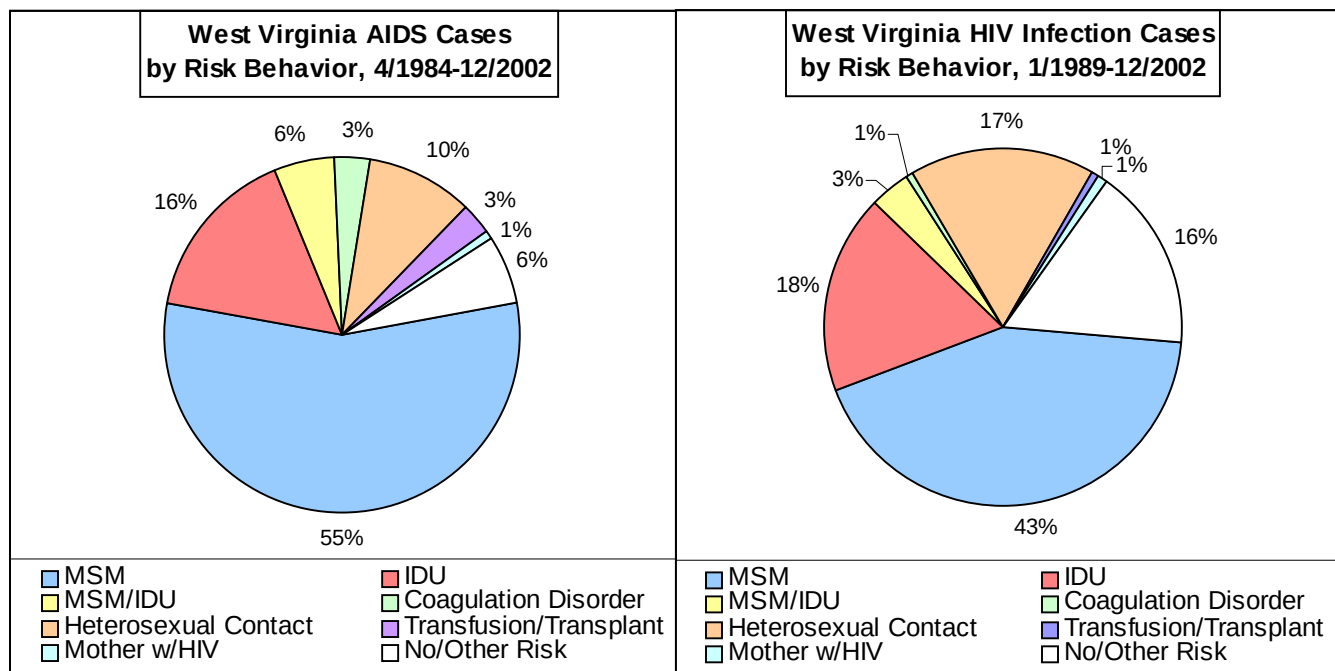
**West Virginia People Living with HIV/AIDS
by Race, 4/1984-12/2002***



White Black Other/Unknown

* AIDS data includes April 1984 through December 31, 2002 and
HIV data includes January 1989 through December 31, 2002.

HIV/AIDS in West Virginia

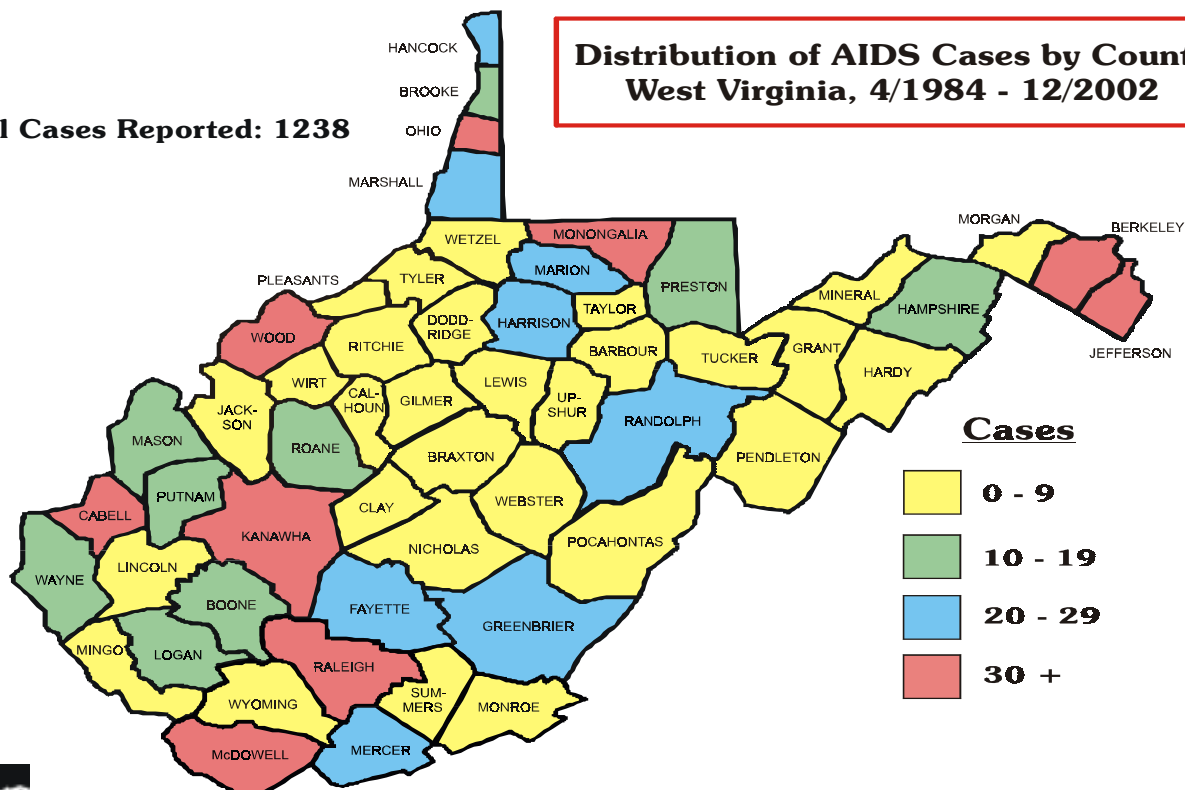


* AIDS data includes April 1984 through December 31, 2002 and HIV data includes January 1989 through December 31, 2002.

HIV/AIDS in West Virginia

Total Cases Reported: 1238

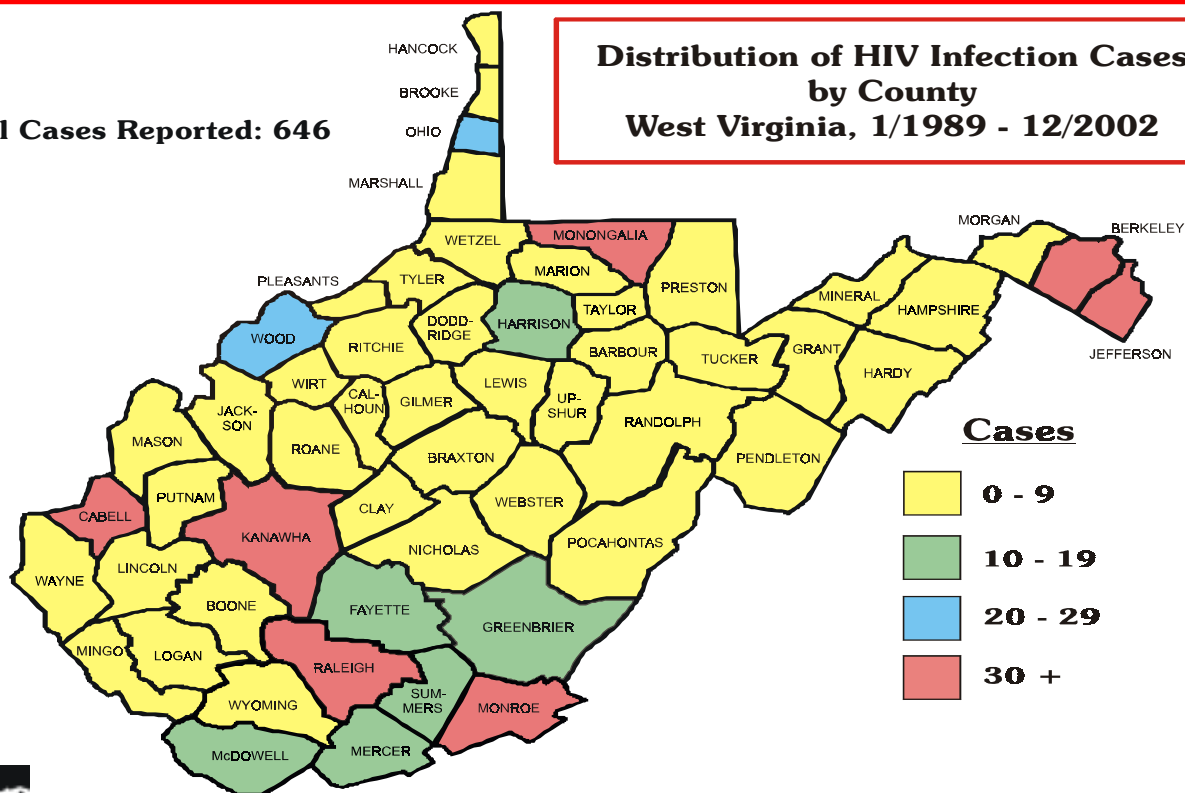
Distribution of AIDS Cases by County West Virginia, 4/1984 - 12/2002



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

Total Cases Reported: 646

Distribution of HIV Infection Cases by County West Virginia, 1/1989 - 12/2002



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

West Virginia Department of Health and Human Resources



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