

West Virginia HIV/AIDS/STD Program 2005 Year-End Report



HIV/AIDS Surveillance Summary Report Update



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Office of Epidemiology & Health Promotion
Division of Surveillance & Disease Control
350 Capitol Street, Room 125
Charleston, WV 25301*

*Joe Manchin III, Governor
Martha Yeager Walker, Secretary*

HIV/AIDS Surveillance Summary Report Update, Year-End 2005

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Important Note:

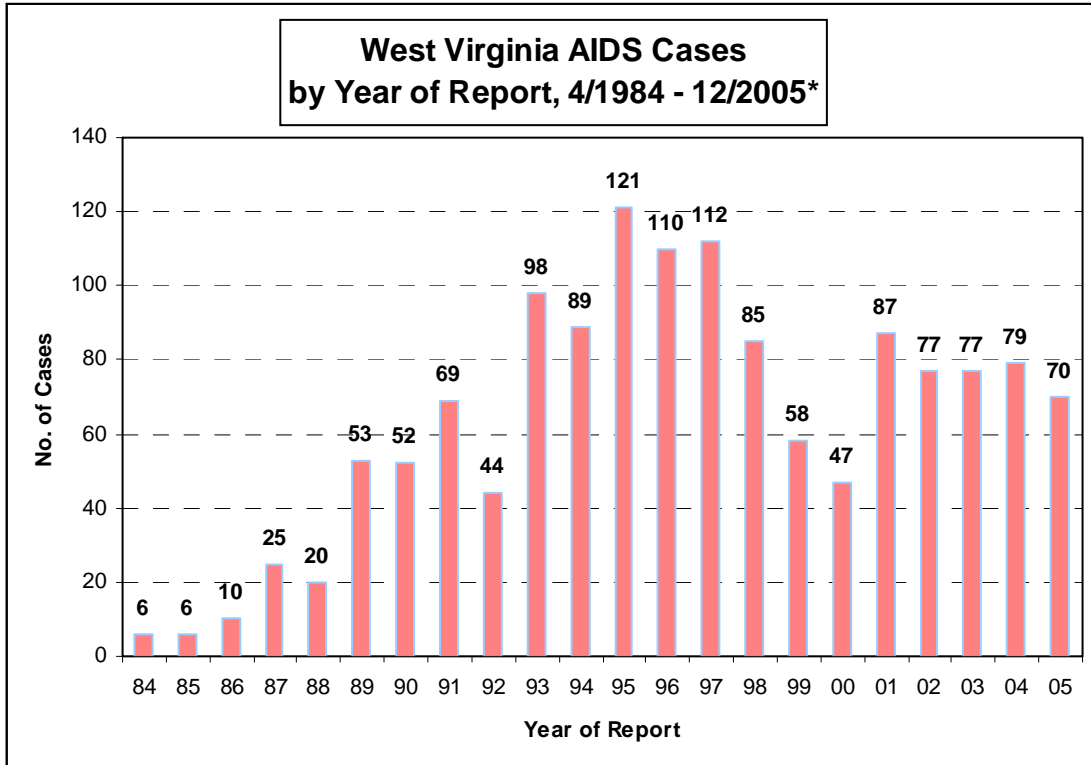
All data in this document are provisional and may vary in time due to new cases that are received and/or lost to other states.

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

West Virginia Code §16-3C-8, §16-3-1et seq., 64CSR64, and 64CSR7 require 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) 558-2950 or 1-800-642-8244

HIV/AIDS in West Virginia

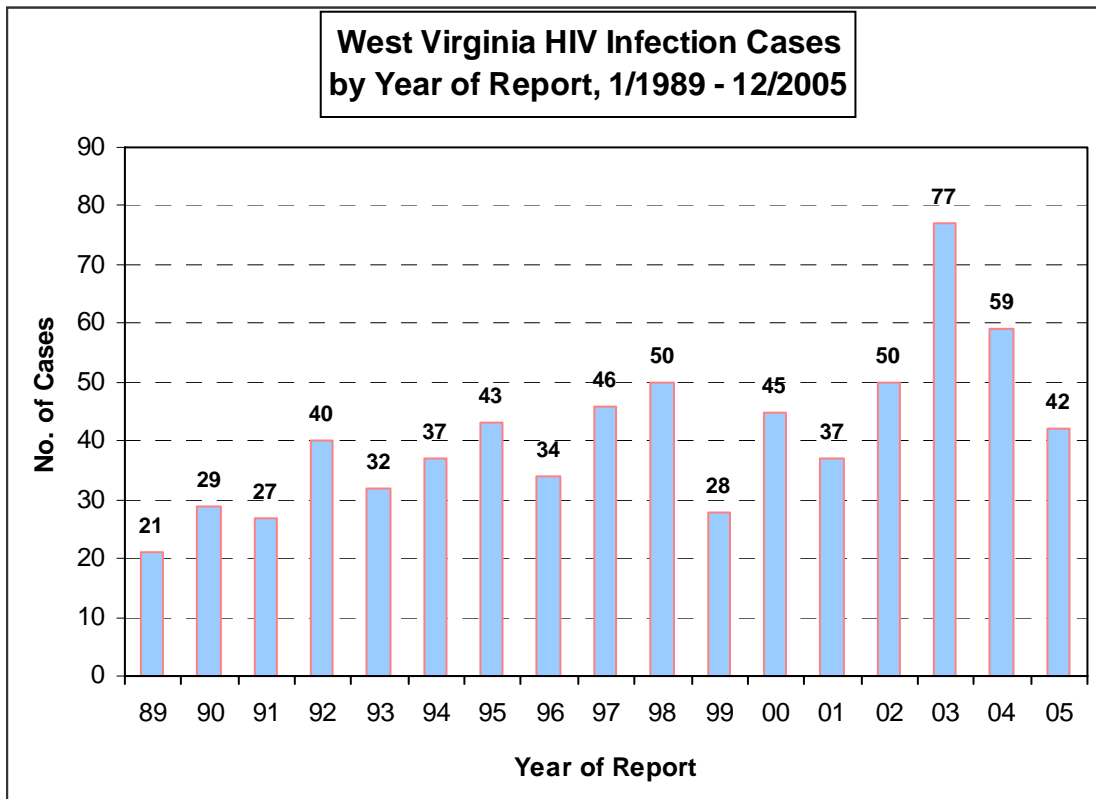


West Virginia AIDS Cases and Deaths by Year of Report, 4/1984 - 12/2005*					
Year of Report	Total Cases	Alive		Deceased	
		#	%	#	%
1984-89	120	3	3	117	98
1990	52	2	4	50	96
1991	69	5	7	64	93
1992	44	5	11	39	89
1993	98	17	17	81	83
1994	89	27	30	62	70
1995	121	48	40	73	60
1996	110	55	50	55	50
1997	112	69	62	43	38
1998	85	46	54	39	46
1999	58	42	72	16	28
2000	47	25	53	22 [^]	47
2001	87	63	72	24	28
2002	77	56	73	21	27
2003	77	66	86	11	14
2004	79	68	86	11	14
2005	70	67	96	3	4
Total	1395	664	48	731	52

[^] A note about high number of mortalities: Surveillance staff examined West Virginia death records from 1980-2000 for completeness of HIV/AIDS surveillance. Review of the primary cause of death from the 365,725 records provided by the Vital Registration Office yielded 47 previously unknown potential cases of HIV infection. Of these 47, 12 cases had AIDS related causes of death.

* AIDS data includes April 1984 through December 31, 2005.

HIV/AIDS in West Virginia



**West Virginia HIV Infection Cases and Deaths
by Year of Report, 1/1989 - 12/2005**

Year Reported	Total Cases	Alive		Deceased	
		#	%	#	%
1989	21	17	81	4	19
1990	29	26	90	3	10
1991	27	20	74	7	26
1992	40	38	95	2	5
1993	32	30	94	2	6
1994	37	32	86	5	14
1995	43	37	86	6	14
1996	34	32	94	2	6
1997	46	42	91	4	9
1998	50	47	94	3	6
1999	28	28	100	0	0
2000	45	42	93	3	7
2001	37	37	100	0	0
2002	50	49	98	1	2
2003	77	77	100	0	0
2004	59	58	98	1	2
2005	42	42	100	0	0
Total	697	654	94	43	6

HIV/AIDS in West Virginia

West Virginia AIDS and HIV Infection Cases by Age Group, Gender, Race and Risk Behavior Cumulative through December 31, 2005*						
Characteristic	AIDS		HIV		Total	
Age Group~	#	%	#	%	#	%
Under 5	9	1	4	1	13	1
5-12	2	<1	0	0	2	<1
13-19	12	1	38	5	50	2
20-29	229	16	247	35	476	23
30-39	596	43	247	35	843	40
40-49	392	28	119	17	511	24
50 and Over	155	11	42	6	197	9
Total	1395	100	697	100	2092	100
Gender						
Male	1173	84	484	69	1657	79
Female	222	16	213	31	435	21
Total	1395	100	697	100	2092	100
Race						
White	1105	79	398	57	1503	72
Black	267	19	276	40	543	26
Other/Unknown	23	2	23	3	46	2
Total	1395	100	697	100	2092	100
Risk Behavior						
<i>Adult</i>						
MSM	764	55	292	42	1056	51
IDU	211	15	142	20	353	17
MSM/IDU	75	5	17	2	92	4
Coagulation Disorder	41	3	5	1	46	2
Heterosexual Contact with Known Risk	152	11	120	17	272	13
Heterosexual Contact with Unknown Risk	35	3	34	5	69	3
Transfusion/Transplant	35	3	6	1	41	2
No Identified Risk/Other**	71	5	77	11	148	7
Subtotal	1384	100	693	100	2077	100
<i>Pediatric</i>						
Coagulation Disorder	1	9	0	0	1	7
Mother HIV Positive	10	91	4	100	14	93
Subtotal	11	100	4	100	15	100
Total Adults & Pediatrics	1395	100	697	100	2092	100

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

* AIDS data includes April 1984 through December 31, 2005;

HIV data includes January 1989 through December 31, 2005.

** Other risk behavior includes cases reported with no risk identified due to death or person moving away. These cases are closed due to inability to follow-up.

~ 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.

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

HIV/AIDS in West Virginia

West Virginia People Living with AIDS/HIV Cases by Age Group, Gender, Race and Risk Behavior Cumulative through December 31, 2005*						
Characteristic	AIDS		HIV		Total	
Age Group~	#	%	#	%	#	%
Under 5	6	1	4	1	10	1
5-12	0	0	0	0	0	0
13-19	7	1	38	6	45	3
20-29	95	14	234	36	329	25
30-39	274	41	228	35	502	38
40-49	217	33	112	17	329	25
50 and Over	65	10	38	6	103	8
Total	664	100	654	100	1318	100
Gender						
Male	543	82	448	69	991	75
Female	121	18	206	31	327	25
Total	664	100	654	100	1318	100
Race						
White	509	77	368	56	877	67
Black	140	21	264	40	404	31
Other/Unknown	15	2	22	3	37	3
Total	664	100	654	100	1318	100
Risk Behavior						
<i>Adult</i>						
MSM	368	56	277	43	645	49
IDU	101	15	130	20	231	18
MSM/IDU	34	5	13	2	47	4
Coagulation Disorder	9	1	3	0	12	1
Heterosexual Contact with Known Risk	85	13	118	18	203	16
Heterosexual Contact with Unknown Risk	30	5	34	5	64	5
Transfusion/Transplant	4	1	6	1	10	1
No Identified Risk/Other**	27	4	69	11	96	7
Subtotal	658	100	650	100	1308	100
<i>Pediatric</i>						
Coagulation Disorder	0	0	0	0	0	0
Mother HIV Positive	6	100	4	100	10	100
Subtotal	6	100	4	100	10	100
Total Adults & Pediatrics	664	100	654	100	1318	100

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

* AIDS data includes April 1984 through December 31, 2005, and
HIV data includes January 1989 through December 31, 2005.

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

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- a) Small number of cases in the under 13 age groups.
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HIV/AIDS in West Virginia

West Virginia AIDS and HIV Infection Cases by Age Group and Gender														
Cumulative through December 31, 2005*														
Age Group^	Males				Females				Total					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Under 5	4	0	3	1	5	2	1	0	9	1	4	1	13	1
5-12	1	<1	0	<1	1	0	0	0	2	<1	0	<1	2	<1
13-19	10	1	18	4	2	1	20	9	12	1	38	5	50	2
20-29	183	16	170	35	46	21	77	36	229	16	247	35	476	23
30-39	492	42	173	36	104	47	74	35	596	43	247	35	843	40
40-49	348	30	87	18	44	20	32	15	392	28	119	17	511	24
50+	135	12	33	7	20	9	9	4	155	11	42	6	197	9
Total	1173	100	484	100	222	100	213	100	1395	100	697	100	2092	100

West Virginia AIDS and HIV Infection Cases by Race and Gender														
Cumulative through December 31, 2005*														
Race/ethnicity	Males				Females				Total					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	973	83	320	66	132	59	78	37	1105	79	398	57	1503	72
Black, Not Hispanic	183	16	150	31	84	38	126	59	267	19	276	40	543	26
Others/Unknown	17	1	14	3	6	3	9	4	23	2	23	3	46	2
Adult Subtotal	1173	100	484	100	222	100	213	100	1395	100	697	100	2092	100
Pediatric	#	%	#	%	#	%	#	%	#	%	#	%	#	%
White, not Hispanic	2	40	2	67	3	50	1	100	5	45	3	75	8	53
Black, Not Hispanic	2	40	1	33	3	50	0	0	5	45	1	25	6	40
Others/Unknown	1	20	0	0	0	0	0	0	1	9	0	0	1	7
Pediatric Subtotal	5	100	3	100	6	100	1	100	11	100	4	100	15	100
Total	1178		487		228		214		1406		701		2107	

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, 2005;
- HIV data includes January 1989 through December 31, 2005.

^ 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 31, 2005*														
Risk Behavior	Males				Females				Total					
	AIDS		HIV		AIDS		HIV		AIDS		HIV		Cumulative	
Adult	#	%	#	%	#	%	#	%	#	%	#	%	#	%
MSM	764	65	292	61	0	0	0	0	764	55	292	42	1056	51
IDU	145	12	63	13	66	31	79	37	211	15	142	20	353	17
MSM/IDU	75	6	17	4	0	0	0	0	75	5	17	2	92	4
Coagulation Disorder	40	3	5	1	1	0	0	0	41	3	5	1	46	2
Heterosexual Contact	45	4	32	7	107	50	88	42	152	11	120	17	272	13
Transfusion/Transplant	24	2	5	1	11	5	1	0	35	3	6	1	41	2
NIR/Other	75	6	67	14	31	14	44	21	106	8	111	16	217	10
Adult Subtotal	1168	100	481	100	216	100	212	100	1384	100	693	100	2077	100
Pediatric	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Coagulation Disorder	1	20	0	0	0	0	0	0	1	9	0	0	1	7
Mother with/at HIV Risk	4	80	3	100	6	100	1	100	10	91	4	100	14	93
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	5	100	3	100	6	100	1	100	11	100	4	100	15	100
Total	1173		484		222		213		1395		697		2092	

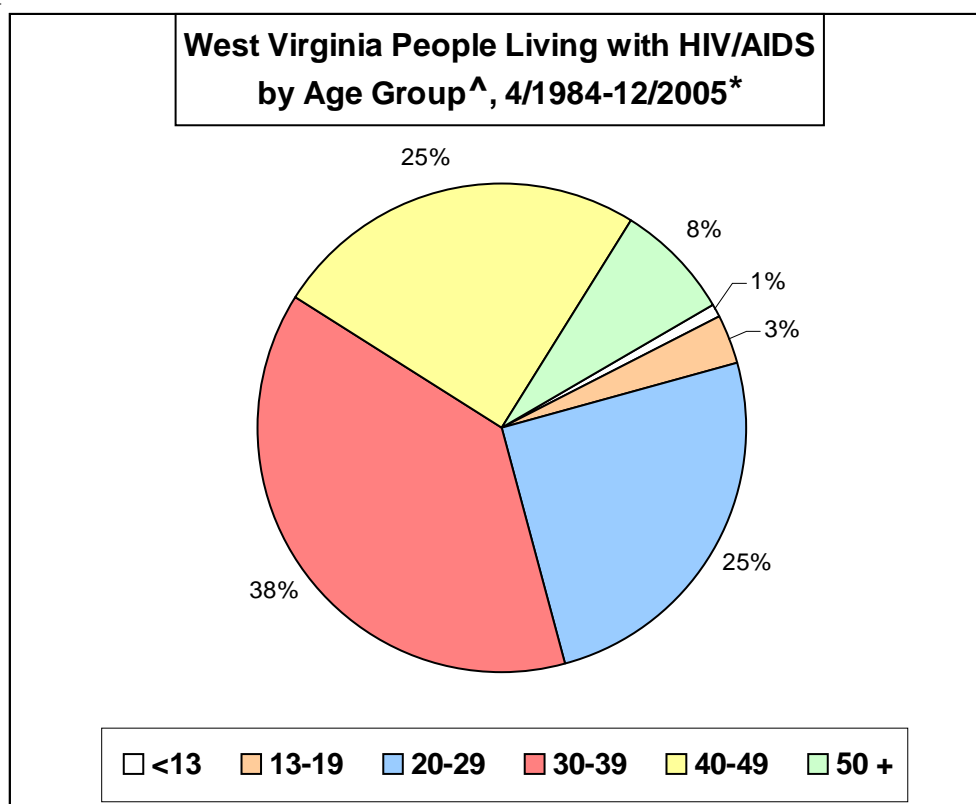
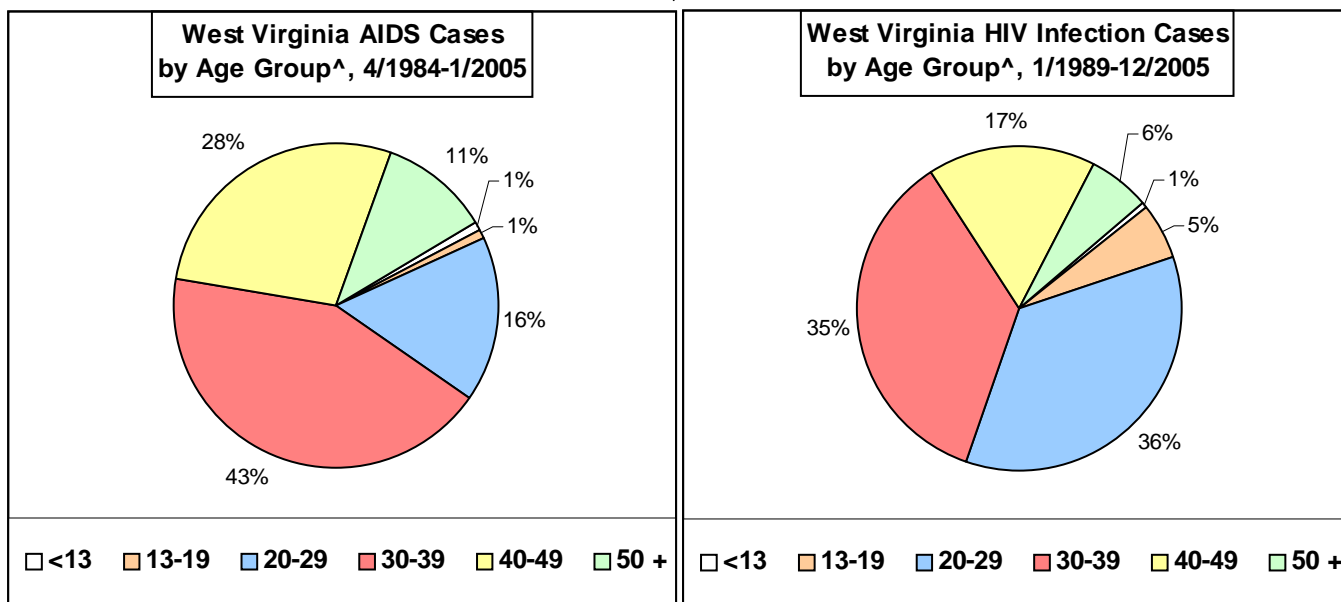
West Virginia AIDS Cases by Risk Behavior, Gender, and Race Cumulative through December 31, 2005*									
Risk Behavior	White		Black		Other/Unknown		Total		
	#	%	#	%	#	%	#	%	#
Adult Male									
MSM	693	71	62	34	9	64	764	65	
IDU	72	7	70	39	3	21	145	12	
MSM/IDU	63	6	12	7	0	0	75	6	
Coagulation Disorder	38	4	1	1	1	7	40	3	
Heterosexual Contact	29	3	16	9	0	0	45	4	
Transfusion/Transplant	22	2	2	1	0	0	24	2	
NIR/Other	56	6	18	10	1	7	75	6	
Male Subtotal	973	100	181	100	14	100	1168	100	
Adult Female									
IDU	35	27	31	38	0	0	66	31	
Coagulation Disorder	1	1	0	0	0	0	1	0	
Heterosexual Contact	70	54	33	41	4	80	107	50	
Transfusion/Transplant	8	6	3	4	0	0	11	5	
NIR/Other	16	12	14	17	1	20	31	14	
Female Subtotal	130	100	81	100	5	100	216	100	
Adult Total	1103		262		19		1384		
Pediatric									
Coagulation Disorder	1	20	0	0	0	0	1	11	
Mother with/at HIV Risk	4	80	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	5	100	5	100	1	100	9	100	
Total	1108		267		20		1395		

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

* AIDS data includes April 1984 through December 31, 2005;

HIV data includes January 1989 through December 31, 2005.

HIV/AIDS in West Virginia

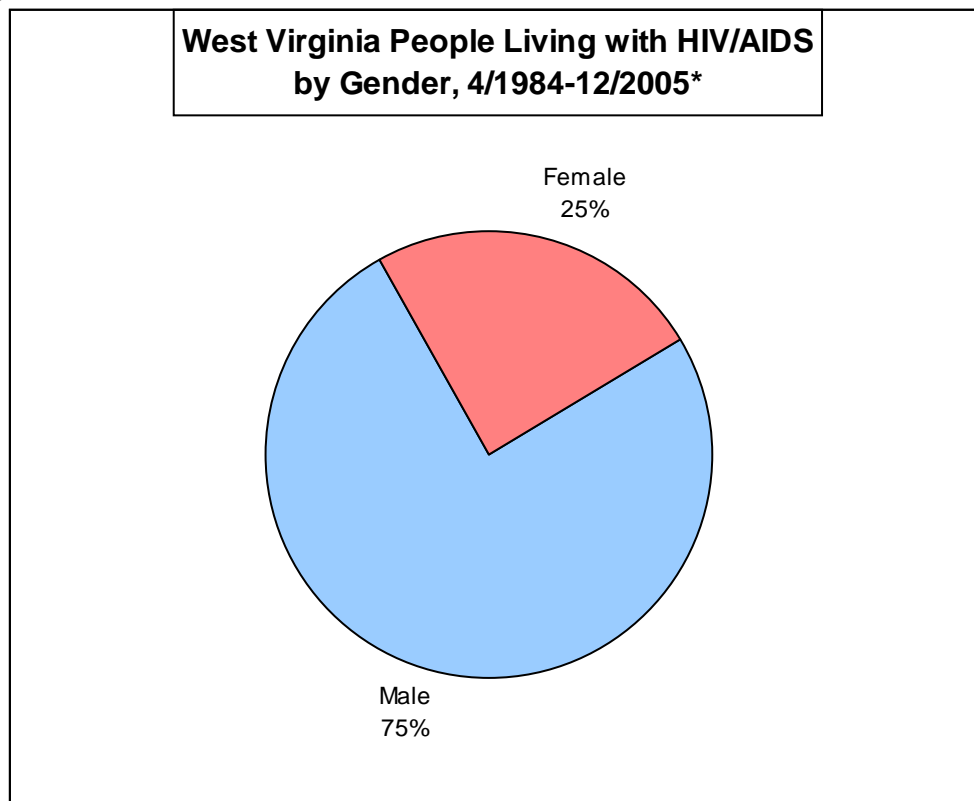
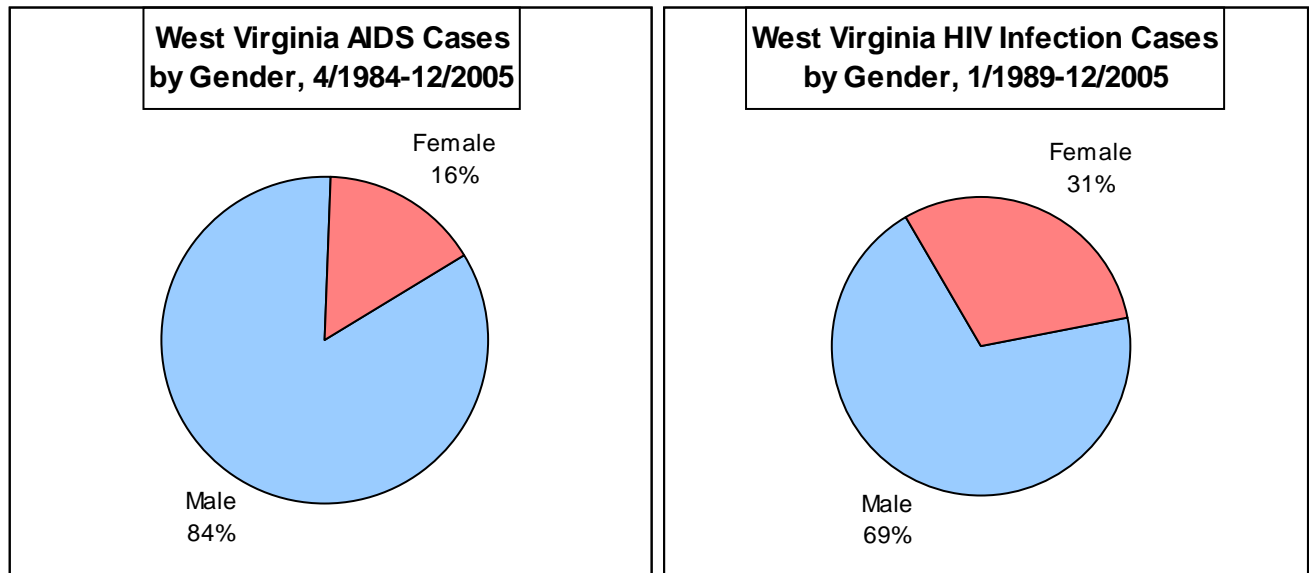


* AIDS data includes April 1984 through December 31, 2005;
 HIV data includes January 1989 through December 31, 2005.

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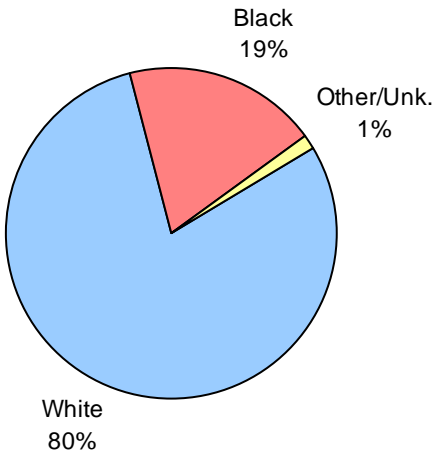
HIV/AIDS in West Virginia



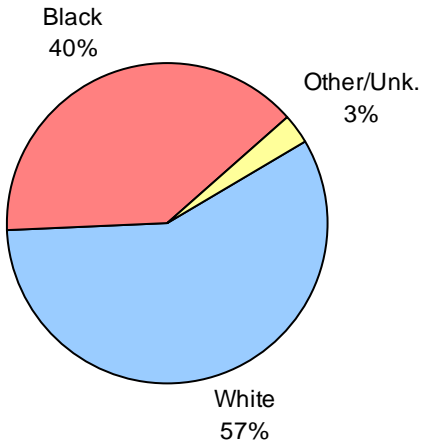
* AIDS data includes April 1984 through December 31, 2005;
HIV data includes January 1989 through December 31, 2005.

HIV/AIDS in West Virginia

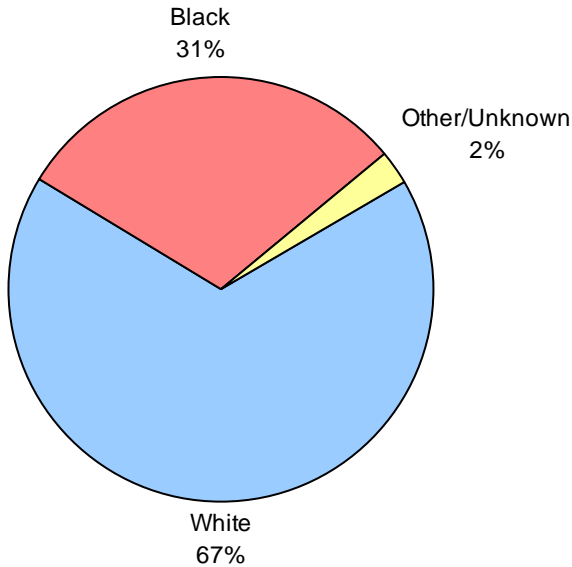
West Virginia AIDS Cases by Race, 4/1984-12/2005



West Virginia HIV Infection Cases by Race, 1/1989-12/2005

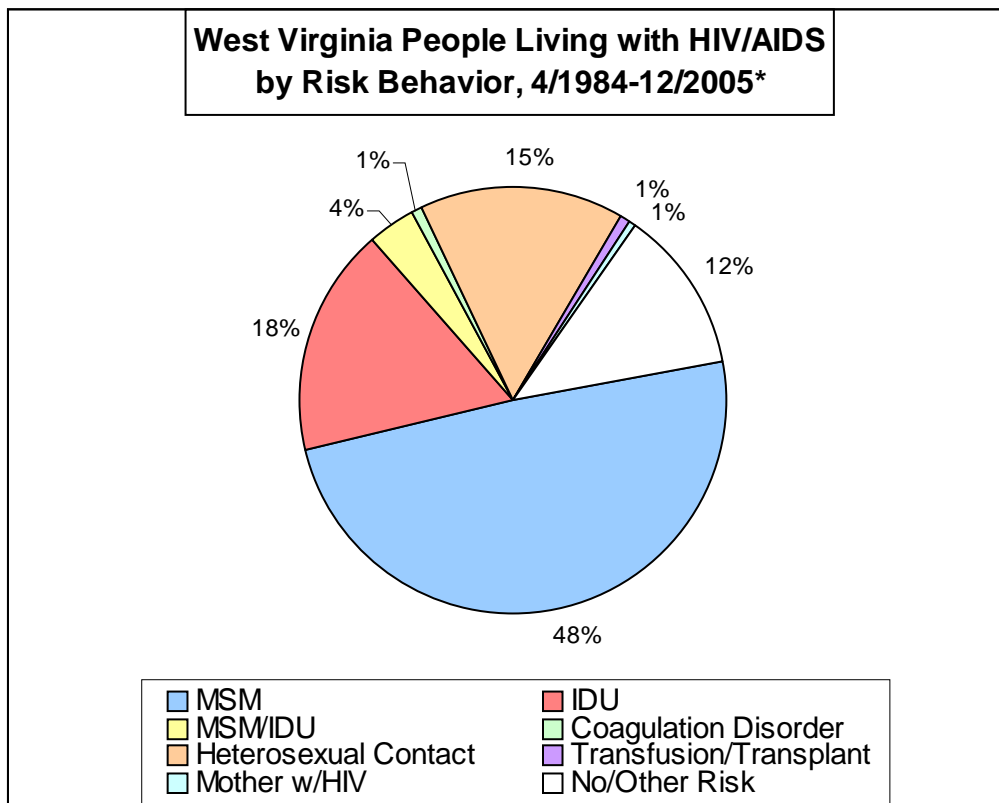
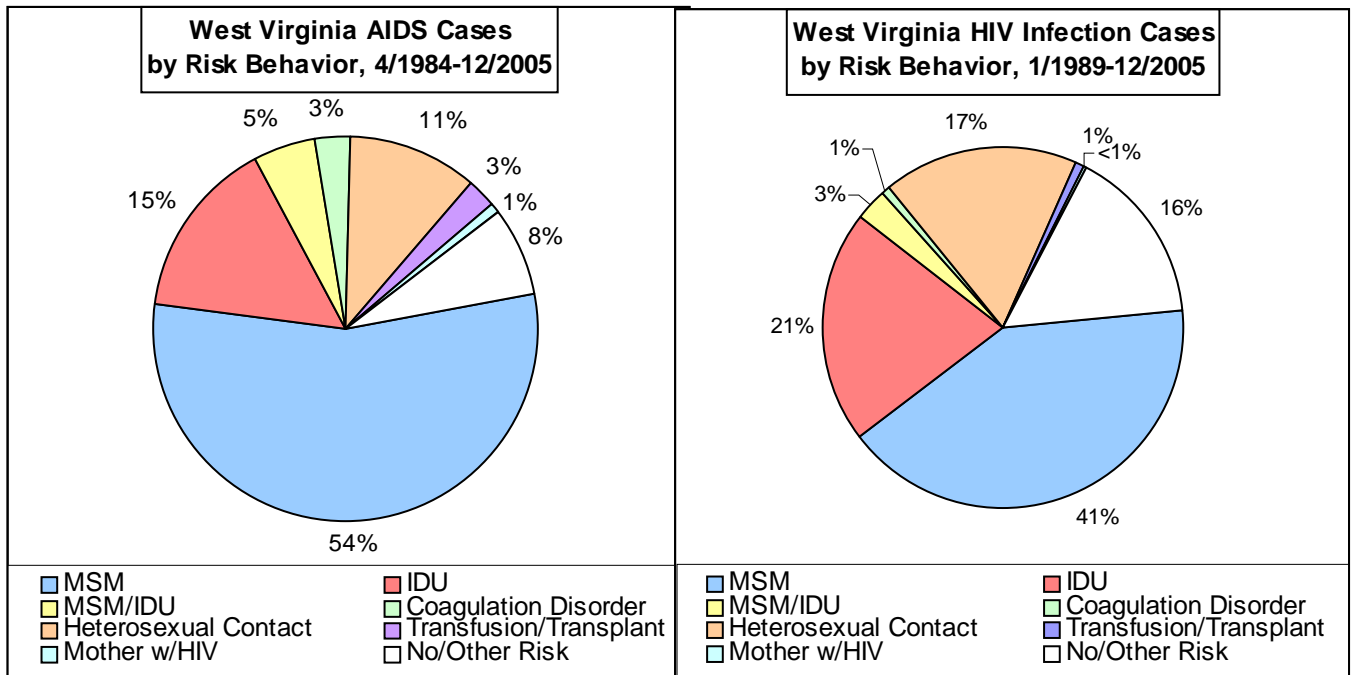


West Virginia People Living with HIV/AIDS by Race, 4/1984-12/2005*



* AIDS data includes April 1984 through December 31, 2005; HIV data includes January 1989 through December 31, 2005.

HIV/AIDS in West Virginia

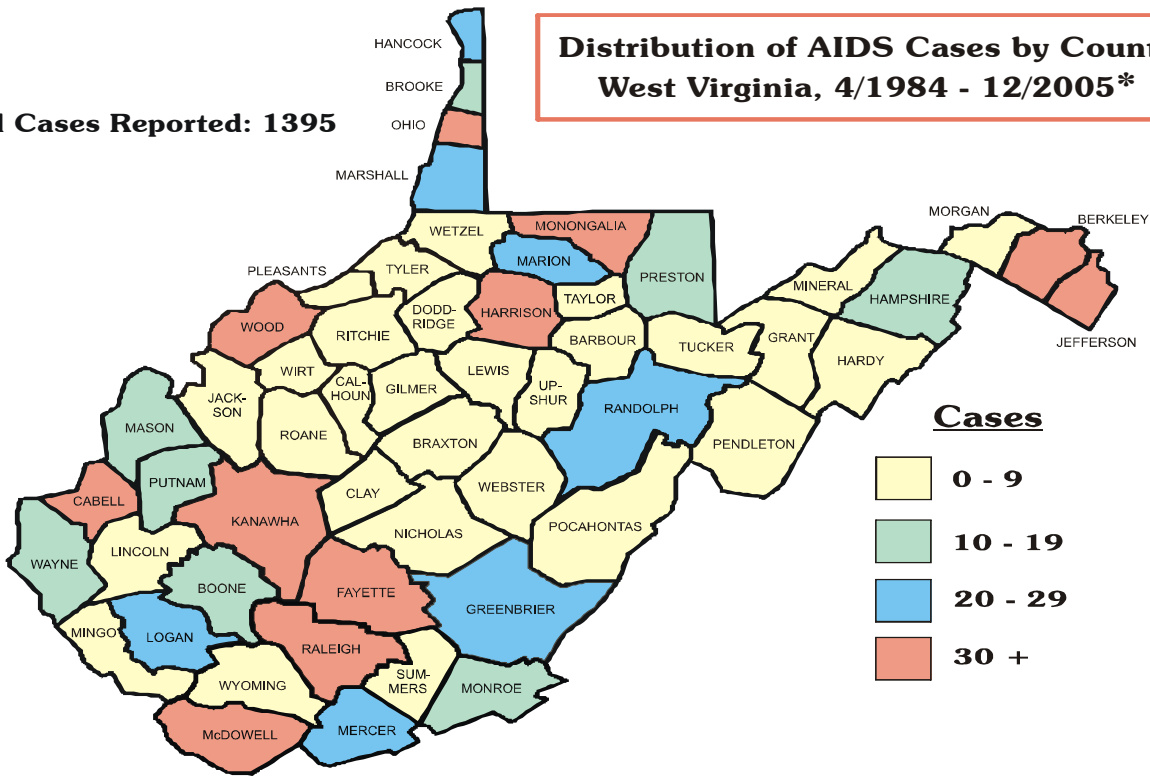


* AIDS data includes April 1984 through December 31, 2005;
HIV data includes January 1989 through December 31, 2005.

HIV/AIDS in West Virginia

Total Cases Reported: 1395

**Distribution of AIDS Cases by County
West Virginia, 4/1984 - 12/2005***

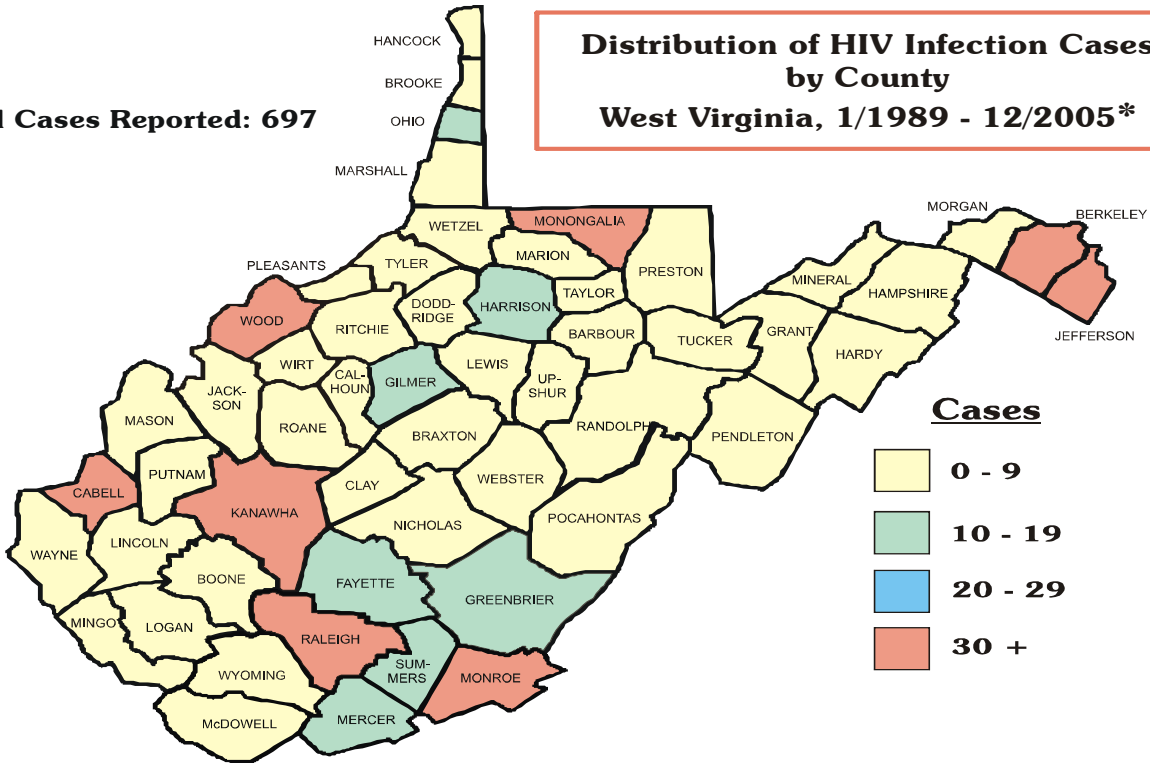


**Division of Surveillance and Disease Control
West Virginia HIV/AIDS/STD Program**

* AIDS data includes April 1984 through December 31, 2005.

Total Cases Reported: 697

**Distribution of HIV Infection Cases by County
West Virginia, 1/1989 - 12/2005***



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

* HIV data includes January 1989 through December 31, 2005.



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