Wyoming Department of Health

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HIV/AIDS Surveillance Summary, Vol. 21, No. 1

HIV Surveillance Program
Public Health Division/Preventive Health & Safety Section
Communicable Disease Unit
6101Yellowstone Rd., Suite 510
Cheyenne, WY 82002

Tracy Murphy, M.D., State Epidemiologist
Cheryl Corbin, HIV Surveillance Coordinator

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Wyoming HIV/AIDS Surveillance Summary
Cumulative, 1984 through June 30, 2012

Table 1. Number of cases and deaths[a] by status and age category, Wyoming, 1984 through June 30, 2012

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV infection (not AIDS)	110	28	10	9	8	80	0	0	118	29	10	8
AIDS - Immunologic	160	40	60	38	0	0	0	0	160	39	60	38
AIDS - All others	126	32	96	76	2	20	1	50	128	32	97	76
Total	396	100	166	42	10	100	1	10	406	100	167	41

AIDS immunologic case definition: CD4 count <200 cells/µl or CD4 percent <14% of total lymphocytes.
AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of cases by age at diagnosis and sex[b], Wyoming, 1984 through June 30, 2012

Age at diagnosis (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	5	2	5	7	10	2
13-24	26	8	8	11	34	8
25-44	213	64	43	57	256	63
45-64	83	25	17	23	100	25
>=65	4	1	2	3	6	1
Total	331	100	75	100	406	100

Table 3. Number of cases by race/ethnicity[c], Wyoming, 1984 through June 30, 2012

Race/ethnicity	Total	
	No.	%
Hispanic, All races	47	12
Not Hispanic, American Indian/Alaska Native	15	4
Not Hispanic, Black or African American	28	7
Not Hispanic, White	307	76
Not Hispanic, Multi-race	7	2
Other/Unknown	2	0
Total	406	100

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
Note. Cumulative totals subject to change due to changes in morbidity assignment (i.e., case found to have earlier diagnosis date elsewhere).
[a]Deaths among persons reported in the selected time period.
[b]Data exclude (0) persons with missing or unknown sex.
[c]Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Wyoming HIV/AIDS Surveillance Summary
Cumulative, 1984 through June 30, 2012

Table 4a. Number of cases among adults or adolescents by transmission category and sex[d], Wyoming, 1984 through June 30, 2012

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	204	63	0	0	204	52
Injection drug use	39	12	22	31	61	15
Male-to-male sexual contact and injection drug use	43	13	0	0	43	11
Hemophilia/coagulation disorder	3	1	1	1	4	1
Heterosexual contact	7	2	39	56	46	12
Receipt of blood, components, or tissue	4	1	3	4	7	2
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR)[e]	21	6	4	6	25	6
No risk factor reported (NRR)[f]	5	2	1	1	6	2
Total	326	100	70	100	396	100

Table 4b. Number of cases among children <13 years by transmission category, Wyoming, 1984 through June 30, 2012

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	7	70
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR)[e]	3	30
No risk factor reported (NRR)[f]	0	0
Total	10	100

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
Note. Cumulative totals subject to change due to changes in morbidity assignment (i.e., case found to have earlier diagnosis date elsewhere).
[d]Data exclude (0) adults or adolescents with unknown or missing sex.
[e]NIR: After one year, or after investigation, no risk factor identified.
[f]NRR: No risk factor reported at the time of initial report.

Table 5. Number of cases, deaths[9], and case fatality rates by time of diagnosis, Wyoming, 1984 through June 30, 2012

Time of diagnosis	No.	Deaths	Case fatality rate %
Before 1985	2	2	100
1985	2	2	100
1986	5	5	100
1987	4	3	75
1988	10	9	90
1989	10	10	100
1990	16	9	56
1991	20	17	85
1992	15	13	87
1993	22	19	86
1994	17	11	65
1995	22	12	55
1996	13	7	54
1997	14	6	43
1998	8	7	88
1999	14	3	21
2000	9	5	56
2001	9	1	11
2002	19	4	21
2003	16	2	13
2004	18	4	22
2005	10	3	30
2006	12	2	17
2007	16	2	13
2008	27	3	11
2009	23	0	0
2010	25	3	12
2011	24	3	13
2012	4	0	0
Total	406	167	41

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
Note. Cumulative totals subject to change due to changes in morbidity assignment (i.e., case found to have earlier diagnosis date elsewhere).
[9]Deaths among persons reported in the selected time period.

Table 6. Number of cases by county of residence at diagnosis, Wyoming, Cumulative, 1984 through June 30, 2012

Residence at diagnosis		
County	**No.**	**%**
Albany	37	9
Big Horn	3	1
Campbell	17	4
Carbon	20	5
Converse	9	2
Crook	4	1
Fremont	29	7
Goshen	14	3
Hot Springs	3	1
Johnson	1	0
Laramie	113	28
Lincoln	13	3
Natrona	48	12
Niobrara	2	0
Park	5	1
Platte	5	1
Sheridan	14	3
Sublette	2	0
Sweetwater	26	6
Teton	23	6
Uinta	13	3
Washakie	0	0
Weston	5	1
Total	406	100

Note. Percent totals may not equal 100.0 due to rounding.
Note. Cumulative totals subject to change due to changes in morbidity assignment (i.e., case found to have earlier diagnosis date elsewhere).

Wyoming HIV/AIDS Surveillance Summary
January 1 through June 30, 2012

Table 1. Number of cases and deaths[a] by status and age category, Wyoming, January through June 30, 2012

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV infection (not AIDS)	0	0	0	0	0	0	0	0	0	0	0	0
AIDS – Immunologic	4	50	0	0	0	0	0	0	4	50	0	0
AIDS – All Others	4	50	0	0	0	0	0	0	4	50	0	0
Total	8	100	0	0	0	0	0	0	8	100	0	0

AIDS immunologic case definition: CD4 count <200 cells/µl or CD4 percent <14% of total lymphocytes.
AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of cases by age at diagnosis, Wyoming, January through June 30, 2012

Age at diagnosis (yrs)	Total	
	No.	%
<13	<5	-
13-24	<5	-
25-44	<5	-
45-64	<5	-
>=65	<5	-
Total	8	100

Table 3. Number of cases by race/ethnicity[b], Wyoming, January through June 30, 2012

Race/ethnicity	Total	
	No.	%
Not Hispanic, White	5	63
Other/Unknown	3	38
Total	8	100

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
[a]Deaths among persons reported in the selected time period.
[b]Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Table 4a. Number of cases among adults or adolescents by transmission category and sex[c], Wyoming, January through June 30, 2012

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	5	71	0	0	5	63
Injection drug use	0	0	0	0	0	0
Male-to-male sexual contact and injection drug use	1	14	0	0	1	13
Hemophilia/coagulation disorder	0	0	0	0	0	0
Heterosexual contact	0	0	1	100	1	13
Receipt of blood, components, or tissue	0	0	0	0	0	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR)[e]	1	14	0	0	1	13
No risk factor reported (NRR)[f]	0	0	0	0	0	0
Total	7	100	1	100	8	100

Table 5. Number of cases, deaths[d], and case fatality rates by time of diagnosis, Wyoming, January through June 30, 2012

Time of diagnosis	No.	Deaths	Case fatality rate %
2011	4	0	0
2012	4	0	0
Total	8	0	0

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
[c]Data exclude (0) adults or adolescents with unknown or missing sex.
[d]Deaths among persons reported in the selected time period.
[e]NIR: After one year, or after investigation, no risk factor identified.
[f]NRR: No risk factor reported at the time of initial report.

Table 6. Number of cases by county of residence at diagnosis, Wyoming, January through June 30, 2012

Residence at diagnosis		
County	**No.**	**Percent**
Albany	0	0
Big Horn	0	0
Campbell	0	0
Carbon	0	0
Converse	0	0
Crook	0	0
Fremont	2	25
Goshen	0	0
Hot Springs	0	0
Johnson	0	0
Laramie	4	50
Lincoln	0	0
Natrona	0	0
Niobrara	0	0
Park	0	0
Platte	0	0
Sheridan	2	25
Sublette	0	0
Sweetwater	0	0
Teton	0	0
Uinta	0	0
Washakie	0	0
Weston	0	0
Total	8	100

Wyoming HIV/AIDS Surveillance Summary
HIV/AIDS Prevalence* as of June 30, 2012

Table 1. Table 1. Number of cases by status and age category, Wyoming, June 30, 2012

Status	Adults or adolescents		Children (<13 yrs)		Total	
	No.	%	No.	%	No.	%
HIV infection (not AIDS)	95	41	9	100	104	44
AIDS - Immunologic	100	44	0	0	100	42
AIDS - All others	34	15	0	0	34	14
Total	229	100	9	100	238	100

AIDS immunologic case definition: CD4 count <200 cells/µl or CD4 percent <14% of total lymphocytes.
AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of prevalent cases by age at diagnosis, Wyoming, June 30, 2012

Age at diagnosis (yrs)	Total	
	No.	%
<13	9	4
13-24	16	7
25-44	159	67
45-64	54	23
>=65	0	0
Total	238	100

Table 3. Number of prevalent cases by race/ethnicity[a], Wyoming, June 30, 2012

Race/ethnicity	Total	
	No.	%
Hispanic, All races	43	18
Not Hispanic, American Indian/Alaska Native	12	5
Not Hispanic, Black or African American	23	10
Not Hispanic, White	151	63
Not Hispanic, Multi-race	7	3
Other/Unknown	2	1
Total	238	100

Note. Percent totals may not equal 100.0 due to rounding.
*Individuals living with HIV disease (HIV and/or AIDS) in Wyoming. Includes Wyoming and non-Wyoming cases.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
[a]Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Wyoming HIV/AIDS Surveillance Summary
HIV/AIDS Prevalence* as of June 30, 2012

Table 4a. Number of prevalent cases among adults or adolescents by transmission category and sex[b], Wyoming, June 30, 2012

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	110	63	0	0	110	48
Injection drug use	21	12	13	25	34	15
Male-to-male sexual contact and injection drug use	22	13	0	0	22	10
Hemophilia/coagulation disorder	0	0	1	2	1	0
Heterosexual contact	8	5	30	57	38	17
Receipt of blood, components, or tissue	1	1	0	0	1	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR)[c]	8	5	7	13	15	7
No risk factor reported (NRR)[d]	6	3	2	4	8	3
Total	176	100	53	100	229	100

Table 4b. Number of prevalent cases among children <13 years by transmission category, Wyoming, June 30, 2012

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	6	67
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR)[c]	3	33
No risk factor reported (NRR)[d]	0	0
Total	9	100

Note. Percent totals may not equal 100.0 due to rounding.
Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.
Note. Data exclude cases missing age at diagnosis.
[b]Data exclude (0) adults or adolescents with unknown or missing sex.
[c]NIR: After one year, or after investigation, no risk factor identified.
[d]NRR: No risk factor reported at the time of initial report.