

Table 1. Number ^I and Rate ^{II} (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by Residence, Age, and Gender -- Minnesota, 2004 ^V							
Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS Prevalence Rate
	Cases	%	Cases	%	Cases	%	
Residence^{III}							
Minneapolis	1,248	44%	931	43%	2,179	44%	569.5
St. Paul	395	14%	328	15%	723	15%	251.8
Suburban	823	29%	606	28%	1,429	29%	72.5
Greater Minnesota	347	12%	298	14%	645	13%	28.3
<i>Total</i>	<i>2,813</i>	<i>100%</i>	<i>2,163</i>	<i>100%</i>	<i>4,976</i>	<i>100%</i>	<i>101.7</i>
Age^{IV}							
<13 yrs	21	1%	9	0%	30	1%	3.3
13-19 yrs	22	1%	9	<1%	31	1%	5.9
20-24 yrs	114	4%	29	1%	143	3%	44.3
25-29 yrs	230	8%	86	4%	316	6%	98.8
30-34 yrs	358	13%	212	10%	570	11%	161.3
35-39 yrs	546	19%	360	17%	906	18%	219.6
40-44 yrs	638	23%	556	26%	1,194	24%	290.0
45-49 yrs	445	16%	385	18%	830	17%	227.9
50-54 yrs	246	9%	258	12%	504	10%	167.2
55-59 yrs	129	5%	165	8%	294	6%	129.6
60+ yrs	78	3%	98	5%	176	4%	22.8
<i>Total</i>	<i>2,827</i>	<i>100%</i>	<i>2,167</i>	<i>100%</i>	<i>4,994</i>	<i>100%</i>	<i>101.7</i>
Gender							
Male	2,163	76%	1,743	80%	3,906	78%	160.4
Female	672	24%	424	20%	1,096	22%	44.1
<i>Total</i>	<i>2,835</i>	<i>100%</i>	<i>2,167</i>	<i>100%</i>	<i>5,002</i>	<i>100%</i>	<i>101.7</i>
State Totals	<i>2,835</i>		<i>2,167</i>		<i>5,002</i>		<i>101.7</i>

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of 12/31/04.

^{II} HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g persons aged 20-24 years) by the estimated population for that stratum and multiplying by 100,000. Population estimates are based on 2000 U.S. Census data.

^{III} Residence information missing for 22 persons living with HIV and 4 persons living with AIDS.

^{IV} Age missing for 8 persons living with HIV and 0 persons living with AIDS.

^V In 2004, MDH participated in the Interstate De-Duplication Project administered by CDC and aimed at eliminating duplicate reporting of HIV and AIDS cases. For further detail on the impact of this project on Minnesota numbers please see the HIV Surveillance Technical Notes.

Suburban = Seven-county metropolitan area except Minneapolis & St. Paul (Anoka, Carver, Dakota, Hennepin (except Minneapolis), Ramsey (except St. Paul), Scott, and Washington counties). Greater Minnesota = Remaining 80 counties outside of the seven-county metropolitan area.

Numbers exclude federal and private prisoners, but include 108 state prisoners and 110 refugees in the HIV-Positive Refugee Resettlement Program.

Percentages may not add to 100 due to rounding.

**Table 2. Number of Males & Females and Rates (per 100,000) Living with HIV (non-AIDS) and AIDS
by Race/Ethnicity and Mode of Exposure^I - Minnesota, 2004**

Group	Males				Females				Total				
	HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Grand Total		
			Cases	%			Cases	%			Cases	%	Rate ^{III}
Race/Ethnicity													
White, non-Hispanic	1,396	1,097	2,493	64%	197	127	324	30%	1,593	1,224	2,817	56%	65.2
Black ^I , African-American	421	337	758	19%	230	129	359	33%	651	466	1,117	22%	665.7
Black ^I , African-born	142	104	246	6%	161	114	275	25%	303	218	521	10%	1042 - 1481
Hispanic	137	155	292	7%	36	31	67	6%	173	186	359	7%	250.4
American Indian	26	29	55	1%	26	13	39	4%	52	42	94	2%	115.9
Asian/PI	26	18	44	1%	17	9	26	2%	43	27	70	1%	41.6
Other ^I	15	3	18	0%	5	1	6	1%	20	4	24	0%	x
Total	2,163	1,743	3,906	100%	672	424	1,096	100%	2,835	2,167	5,002	100%	101.7
Mode of Exposure													
MSM	1,465	1,169	2,634	67%	--	--	--	--	1,465	1,169	2,634	53%	x
IDU	135	109	244	6%	69	73	142	13%	204	182	386	8%	x
MSM/IDU	131	128	259	7%	--	--	--	--	131	128	259	5%	x
Heterosexual (Total)	(68)	(54)	(122)	3%	(296)	(165)	(461)	42%	(364)	(219)	(583)	12%	x
with IDU	27	31	58	--	84	68	152	--	111	99	210	--	x
with Bisexual Male	--	--	--	--	53	29	82	--	53	29	82	--	x
with Hemophiliac/other	1	1	2	--	5	0	5	--	6	1	7	--	x
with HIV+, unknown risk	40	22	62	--	154	68	222	--	194	90	284	--	x
Perinatal	6	6	12	0%	24	7	31	3%	30	13	43	1%	x
Other	16	26	42	1%	8	5	13	1%	24	31	55	1%	x
Unspecified	122	109	231	6%	126	85	211	19%	248	194	442	9%	x
No Interview	220	142	362	9%	149	89	238	22%	369	231	600	12%	x
Total	2,163	1,743	3,906	100%	672	424	1,096	100%	2,835	2,167	5,002	100%	101.7

^I Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of 12/31/04.

^{II} African-born Blacks are reported separately from other Blacks (born in the U.S. or elsewhere). Other includes multi-racial persons and persons with unknown race.

MSM = Men who have sex with men. IDU = Injecting drug use. Heterosexual = For males: heterosexual contact with a female known to be HIV+, an injecting drug user, or a hemophiliac/blood product or organ transplant recipient. For females: heterosexual contact with a male known to be HIV+, bisexual, an injecting drug user, or a hemophiliac/blood product or organ transplant recipient. Perinatal = Mother to child HIV transmission. Other = Hemophilia patient/blood product or organ transplant recipient. Unspecified = Cases who did not acknowledge any of the risks listed above. No Interview = Cases who refused to be, could not be or have not yet been interviewed.

^{III} HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g White, non-Hispanic) by the estimated population for that stratum and multiplying by 100,000. Population estimates are based on 2000 U.S. Census data. Accurate population estimates for Black, African-born persons living in Minnesota are unavailable – anecdotal (50,000) and 2000 U.S. Census data (35,188) were used to create the range of rates reported for African-born persons. The population estimate for Black, African-American persons (167,784) was calculated by subtracting the U.S. Census estimate for African-born persons (35,188) from the total Black population (202,972). Note that this assumes that all African-born persons are Black (as opposed to another race).

Numbers exclude federal and private prisoners, but include 108 state prisoners and 110 refugees in the HIV-Positive Refugee

Percentages may not add to 100 due to rounding.

**Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS
by County of Residence¹ -- Minnesota, 2004**

County^{II}	HIV (non-AIDS)	AIDS	Total	Rate^{III}
Aitkin	3	2	5	32.7
Anoka	104	81	185	62.1
Becker	0	4	4	-
Beltrami	4	5	9	22.7
Benton	2	4	6	17.5
Big Stone	0	0	0	-
Blue Earth	11	8	19	34.0
Brown	3	6	9	33.4
Carlton	7	9	16	50.5
Carver	17	12	29	41.3
Cass	1	4	5	18.4
Chippewa	0	1	1	-
Chisago	4	6	10	24.3
Clay	11	5	16	31.2
Clearwater	1	0	1	-
Cook	0	1	1	-
Cottonwood	0	2	2	-
Crow Wing	5	6	11	20.0
Dakota	118	70	188	52.8
Dodge	2	3	5	28.2
Douglas	1	3	4	-
Faribault	2	7	9	55.6
Fillmore	4	3	7	33.1
Freeborn	2	2	4	-
Goodhue	7	2	9	20.4
Grant	1	1	2	-
Hennepin	1,663	1,249	2,912	260.9
Houston	1	1	2	-
Hubbard	2	4	6	32.7
Isanti	4	3	7	22.4
Itasca	3	6	9	20.5
Jackson	0	0	0	-
Kanabec	2	2	4	-
Kandiyohi	5	7	12	29.1
Kittson	0	0	0	-
Koochiching	0	0	0	-
Lac Qui Parle	0	0	0	-
Lake	1	0	1	-
Lake of the Woods	0	0	0	-
Le Sueur	2	2	4	-
Lincoln	2	0	2	-
Lyon	6	1	7	27.5
McLeod	3	1	4	-
Mahnomen	1	0	1	-
Marshall	0	0	0	-
Martin	3	2	5	22.9
Meeker	3	4	7	30.9
Mille Lacs	2	6	8	35.8
Morrison	2	6	8	25.2
Mower	10	6	16	41.4
Murray	0	1	1	-
Nicollet	3	4	7	23.5
Nobles	10	3	13	62.4
Norman	1	1	2	-

Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by County of Residence^I -- Minnesota, 2004

County^{II}	HIV (non-AIDS)	AIDS	Total	Rate^{III}
Olmsted	41	31	72	57.9
Otter Tail	2	3	5	8.7
Pennington	1	1	2	-
Pine	5	6	11	41.5
Pipestone	0	1	1	-
Polk	6	4	10	31.9
Pope	1	3	4	-
Ramsey	483	389	872	170.6
Red Lake	0	1	1	-
Redwood	0	1	1	-
Renville	2	0	2	-
Rice	19	15	34	60.0
Rock	2	1	3	-
Roseau	0	0	0	-
St. Louis	47	32	79	39.4
Scott	20	18	38	42.5
Sherburne	6	9	15	23.3
Sibley	1	0	1	-
Stearns	37	23	60	45.1
Steele	5	0	5	14.8
Stevens	1	1	2	-
Swift	0	0	0	-
Todd	1	0	1	-
Traverse	1	1	2	-
Wabasha	3	2	5	23.1
Wadena	2	3	5	36.5
Waseca	6	0	6	30.7
Washington	61	46	107	53.2
Watonwan	2	3	5	42.1
Wilkin	0	0	0	-
Winona	3	3	6	12.0
Wright	16	9	25	27.8
Yellow Medicine	0	1	1	-
State Total^{II}	2,813	2,163	4,976	101.7

^I Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of 12/31/04.

^{II} Residence information missing for 22 persons living with HIV and 4 persons living with AIDS. Total rate is based on all cases in the state (n=5,002)

Numbers exclude federal and private prisoners, but include 108 state prisoners and 110 refugees in the HIV-Positive Refugee Resettlement Program. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Pine, Rice, Scott, Stearns, and Washington.

^{III} HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g persons living in Hennepin county) by the estimated population for that stratum and multiplying by 100,000. Population estimates are based on 2000 U.S. Census data. Rates not calculated for counties with fewer than 5 cases.

**Table 4. Number of HIV (non-AIDS) Cases, AIDS Cases, and AIDS Deaths^I
Minnesota, 1990-2004**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
HIV (non-AIDS)	331	357	348	224	226	221	192	199	197	203	177	202	218	182	192
AIDS ^{II}	267	336	362	351	331	339	258	194	193	161	156	123	161	166	196
AIDS deaths	165	191	189	207	276	253	190	77	70	69	75	64	53	54	58

^I HIV (non-AIDS) = New cases of HIV infection (excluding AIDS at first diagnosis) diagnosed within a given calendar year. AIDS = All new cases of AIDS diagnosed within a given calendar year. AIDS deaths = Number of deaths known to have occurred among AIDS cases in a given calendar year, regardless of cause.

^{II}Numbers include refugees in the HIV-Positive Refugee Resettlement Program diagnosed with AIDS one or more years subsequent to their arrival in the U.S.

Please Note: These numbers refer to events, not individuals. For example, a person diagnosed as an HIV (non-AIDS) case in 1992 and then diagnosed as an AIDS case in 2000 will be counted twice in Table 4, once for each event. Thus, the numbers of HIV (non-AIDS) and AIDS cases cannot be summed over years to obtain cumulative totals. Please refer to the Minnesota HIV Surveillance Report, 2004 New HIV Infections, Table 1 for cumulative totals. Case numbers exclude federal and private prisoners.

**Table 5. Known Mortality among Minnesota AIDS Cases
by Year of Diagnosis -- Minnesota, through 2004^I**

Year	Cases Diagnosed	Cases Known to be Dead^{II}	Case-Fatality Rate^{III}	Deaths Occurring in this Interval
1982-1989	740	710	96%	368
1990	267	247	93%	165
1991	336	306	91%	191
1992	362	278	77%	189
1993	351	249	71%	207
1994	331	189	57%	276
1995	339	113	33%	253
1996	258	80	31%	190
1997	194	44	23%	77
1998	193	35	18%	70
1999	161	25	16%	69
2000	156	25	16%	75
2001	123	10	8%	64
2002	161	19	12%	53
2003	166	11	7%	54
2004	196	18	9%	58
Cumulative Total	4,334	2,359	54%	2,359

^I CDC 1993 AIDS definition used for all cases.

^{II} Cases known to be dead (by any cause) as of 12/31/2004. Reporting of deaths is incomplete.

^{III} Case-fatality rate is calculated by dividing the number of cases known to be dead by those diagnosed in a given interval and multiplying by 100.

Numbers exclude federal and private prisoners, but include state prisoners and refugees in the HIV-Positive Refugee Resettlement Program diagnosed with AIDS one or more years subsequent to their arrival in the U.S.