

Table 1. Number <sup>I</sup> and Rate <sup>II</sup> (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by Residence, Age, and Gender -- Minnesota, 2005 <sup>V</sup>							
Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS Prevalence Rate
	Cases	%	Cases	%	Cases	%	
<b>Residence<sup>III</sup></b>							
Minneapolis	1,250	43%	959	42%	2,209	42%	577.3
St. Paul	405	14%	345	15%	750	14%	261.2
Suburban	875	30%	667	29%	1,542	30%	78.2
Greater Minnesota	363	13%	339	15%	702	13%	30.8
<i>Total</i>	2,893	100%	2,310	100%	5,203	100%	106.4
<b>Age<sup>IV</sup></b>							
<13 yrs	22	1%	9	0%	31	1%	3.4
13-19 yrs	25	1%	6	<1%	31	1%	5.9
20-24 yrs	125	4%	32	1%	157	3%	48.7
25-29 yrs	269	9%	95	4%	364	7%	113.8
30-34 yrs	319	11%	198	9%	517	10%	146.3
35-39 yrs	526	18%	361	16%	887	17%	215.0
40-44 yrs	631	22%	576	25%	1,207	23%	293.2
45-49 yrs	471	16%	451	19%	922	18%	253.1
50-54 yrs	270	9%	293	13%	563	11%	186.8
55-59 yrs	151	5%	173	7%	324	6%	142.8
60+ yrs	97	3%	125	5%	222	4%	28.7
<i>Total</i>	2,906	100%	2,319	100%	5,225	100%	106.4
<b>Gender</b>							
Male	2,212	76%	1,853	80%	4,065	78%	166.9
Female	702	24%	466	20%	1,168	22%	47.0
<i>Total</i>	2,914	100%	2,319	100%	5,233	100%	106.4
<b>State Totals</b>	2,914		2,319		5,233		106.4

<sup>I</sup> Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of 12/31/05.

<sup>II</sup> 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.

<sup>III</sup> Residence information missing for 21 persons living with HIV and 9 persons living with AIDS.

<sup>IV</sup> Age missing for 8 persons living with HIV and 0 persons living with AIDS.

<sup>V</sup> MDH participates 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 100 state prisoners and 148 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<sup>I</sup> - Minnesota, 2005**

Group	Males				Females				Total				
	HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Grand Total		
			Cases	%			Cases	%			Cases	%	Rate <sup>III</sup>
<b>Race/Ethnicity</b>													
White, non-Hispanic	1,425	1,145	2,570	63%	209	134	343	29%	1,634	1,279	2,913	56%	67.4
Black <sup>I</sup> , African-American	425	357	782	19%	230	144	374	32%	655	501	1,156	22%	689.0
Black <sup>I</sup> , African-born	155	122	277	7%	184	126	310	27%	339	248	587	11%	1174 - 1668
Hispanic	133	174	307	8%	38	32	70	6%	171	206	377	7%	262.9
American Indian	25	30	55	1%	22	16	38	3%	47	46	93	2%	114.7
Asian/PI	30	21	51	1%	16	11	27	2%	46	32	78	1%	46.4
Other <sup>I</sup>	19	4	23	1%	3	3	6	1%	22	7	29	1%	x
<b>Total</b>	<b>2,212</b>	<b>1,853</b>	<b>4,065</b>	<b>100%</b>	<b>702</b>	<b>466</b>	<b>1,168</b>	<b>100%</b>	<b>2,914</b>	<b>2,319</b>	<b>5,233</b>	<b>100%</b>	<b>106.4</b>
<b>Mode of Exposure</b>													
MSM	1,498	1,218	2,716	67%	--	--	--	--	1,498	1,218	2,716	52%	x
IDU	131	115	246	6%	63	77	140	12%	194	192	386	7%	x
MSM/IDU	138	141	279	7%	--	--	--	--	138	141	279	5%	x
Heterosexual (Total)	(71)	(63)	(134)	3%	(298)	(184)	(482)	41%	(369)	(247)	(616)	12%	x
with IDU	29	34	63	--	78	69	147	--	107	103	210	--	x
with Bisexual Male	-	-	-	--	54	30	84	--	54	30	84	--	x
with Hemophiliac/other	1	1	2	--	4	0	4	--	5	1	6	--	x
with HIV+, unknown risk	41	28	69	--	162	85	247	--	203	113	316	--	x
Perinatal	7	8	15	0%	26	7	33	3%	33	15	48	1%	x
Other	15	25	40	1%	8	4	12	1%	23	29	52	1%	x
Unspecified	126	124	250	6%	140	93	233	20%	266	217	483	9%	x
No Interview	226	159	385	9%	167	101	268	23%	393	260	653	12%	x
<b>Total</b>	<b>2,212</b>	<b>1,853</b>	<b>4,065</b>	<b>100%</b>	<b>702</b>	<b>466</b>	<b>1,168</b>	<b>100%</b>	<b>2,914</b>	<b>2,319</b>	<b>5,233</b>	<b>100%</b>	<b>106.4</b>

<sup>I</sup> Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of 12/31/05.

<sup>II</sup> 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.

<sup>III</sup> 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 100 state prisoners and 148 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 Residence -- Minnesota, 2005**

County <sup>i</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>iii</sup>
Aitkin	2	2	4	-
Anoka	104	73	177	59.4
Becker	0	4	4	-
Beltrami	4	9	13	32.8
Benton	4	4	8	23.4
Big Stone	0	0	0	-
Blue Earth	12	9	21	37.5
Brown	4	4	8	29.7
Carlton	5	9	14	44.2
Carver	14	14	28	39.9
Cass	0	4	4	-
Chippewa	0	2	2	-
Chisago	2	4	6	14.6
Clay	10	9	19	37.1
Clearwater	1	0	1	-
Cook	0	2	2	-
Cottonwood	0	2	2	-
Crow Wing	5	7	12	21.8
Dakota	125	78	203	57.0
Dodge	2	3	5	28.2
Douglas	1	4	5	15.2
Faribault	2	7	9	55.6
Fillmore	4	4	8	37.9
Freeborn	1	2	3	-
Goodhue	7	1	8	18.1
Grant	1	1	2	-
Hennepin	1,699	1,310	3,009	269.6
Houston	1	1	2	-
Hubbard	3	4	7	38.1
Isanti	4	4	8	25.6
Itasca	3	5	8	18.2
Jackson	0	0	0	-
Kanabec	2	2	4	-
Kandiyohi	7	9	16	38.8
Kittson	0	0	0	-
Koochiching	1	0	1	-
Lac Qui Parle	0	0	0	-
Lake	1	1	2	-
Lake of the Woods	0	0	0	-
Le Sueur	2	4	6	23.6
Lincoln	2	0	2	-
Lyon	6	1	7	27.5
McLeod	3	2	5	14.3
Mahnomen	1	0	1	-
Marshall	0	0	0	-
Martin	3	2	5	22.9
Meeker	5	4	9	39.7
Mille Lacs	2	7	9	40.3
Morrison	2	7	9	28.4
Mower	11	8	19	49.2
Murray	0	1	1	-
Nicollet	3	5	8	26.9
Nobles	12	5	17	81.6
Norman	1	0	1	-
Olmsted	42	31	73	58.7
Otter Tail	2	3	5	8.7
Pennington	1	1	2	-
Pine	5	2	7	26.4
Pipestone	1	1	2	-
Polk	6	5	11	35.1
Pope	1	2	3	-
Ramsey	502	411	913	178.7
Red Lake	0	0	0	-
Redwood	0	1	1	-
Renville	1	1	2	-
Rice	9	6	15	26.5
Rock	1	2	3	-
Roseau	0	0	0	-
St. Louis	56	38	94	46.9
Scott	16	25	41	45.8

**Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by County of Residence -- Minnesota, 2005**

County <sup>i</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>iii</sup>
Sherburne	11	13	24	37.3
Sibley	1	1	2	-
Stearns	17	22	39	29.3
Steele	5	1	6	17.8
Stevens	1	1	2	-
Swift	0	0	0	-
Todd	1	0	1	-
Traverse	1	1	2	-
Wabasha	3	3	6	27.8
Wadena	4	3	7	51.0
Waseca	8	0	8	41.0
Washington	35	41	76	37.8
Watonwan	2	1	3	-
Wilkin	0	0	0	-
Winona	5	2	7	14.0
Wright	14	9	23	25.6
Yellow Medicine	1	0	1	-
<b>State Total<sup>ii</sup></b>	<b>2,914</b>	<b>2,319</b>	<b>5,233</b>	<b>106.4</b>

<sup>i</sup> Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of 12/31/05.

<sup>ii</sup> Residence information missing for 21 persons living with HIV and 9 persons living with AIDS. Total rate is based on all cases in the state (n=5,233)  
 Numbers by county exclude federal, and private prisoners, but include 148 refugees in the HIV-Positive Refugee Resettlement Program. Numbers for counties in which a state correctional facility is located, exclude those inmates. The total number of state prisoners is 100. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Pine, Rice, Scott, St. Louis, Stearns, and Washington.

<sup>iii</sup> 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<sup>I</sup>  
Minnesota, 1990-2005**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
HIV (non-AIDS)	332	357	348	223	225	222	192	198	198	201	178	199	213	182	192	222
AIDS <sup>II</sup>	267	336	361	350	332	339	258	194	193	161	157	124	157	164	203	177
AIDS deaths	165	191	189	207	276	253	190	77	70	69	75	64	56	55	62	50

<sup>I</sup> 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.

<sup>II</sup>Numbers include refugees in the HIV-Positive Refugee Resettlement Program diagnosed with AIDS 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, 2005 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 2005<sup>I</sup>**

<b>Year</b>	<b>Cases Diagnosed</b>	<b>Cases Known to be Dead<sup>II</sup></b>	<b>Case-Fatality Rate<sup>III</sup></b>	<b>Deaths Occurring in this Interval</b>
1982-1989	740	713	96%	368
1990	267	247	93%	165
1991	336	306	91%	191
1992	361	280	78%	189
1993	350	252	72%	207
1994	332	196	59%	276
1995	339	118	35%	253
1996	258	82	32%	190
1997	194	51	26%	77
1998	193	39	20%	70
1999	161	27	17%	69
2000	157	27	17%	75
2001	124	12	10%	64
2002	157	22	14%	56
2003	164	13	8%	55
2004	203	21	10%	62
2005	177	11	6%	50
<b>Cumulative Total</b>	<b>4,513</b>	<b>2,417</b>	<b>54%</b>	<b>2,417</b>

<sup>I</sup> CDC 1993 AIDS definition used for all cases.

<sup>II</sup> Cases known to be dead (by any cause) as of 12/31/2005. Reporting of deaths is incomplete.

<sup>III</sup> 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 subsequent to their arrival in the U.S.