

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, 2008							
Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS Prevalence Rate
	Cases	%	Cases	%	Cases	%	
<b>Residence<sup>III</sup></b>							
Minneapolis	1,453	43%	1,128	40%	2,581	41%	674.6
St. Paul	458	13%	402	14%	860	14%	299.5
Suburban	1,048	31%	839	30%	1,887	30%	95.7
Greater Minnesota	442	13%	428	15%	870	14%	38.2
<i>Total</i>	3,401	100%	2,797	100%	6,220	100%	126.5
<b>Age<sup>IV</sup></b>							
<13 yrs	30	1%	5	0%	35	1%	3.8
13-19 yrs	38	1%	12	<1%	50	1%	9.5
20-24 yrs	154	5%	43	2%	197	3%	61.1
25-29 yrs	294	9%	113	4%	407	7%	127.3
30-34 yrs	390	11%	200	7%	590	9%	167.0
35-39 yrs	497	15%	352	13%	849	14%	205.8
40-44 yrs	622	18%	539	19%	1,161	19%	282.0
45-49 yrs	615	18%	646	23%	1,261	20%	346.2
50-54 yrs	392	11%	388	14%	780	13%	258.8
55-59 yrs	206	6%	276	10%	482	8%	212.5
60+ yrs	172	5%	231	8%	403	6%	52.2
<i>Total</i>	3,410	100%	2,805	100%	6,220	100%	126.5
<b>Gender</b>							
Male	2,548	75%	2,223	79%	4,771	77%	195.9
Female	867	25%	582	21%	1,449	23%	58.3
<i>Total</i>	3,415	100%	2,805	100%	6,220	100%	126.4
<b>State Totals</b>	3,415		2,805		6,220		126.4

<sup>I</sup> Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of 12/31/08.

<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 14 persons living with HIV and 8 persons living with AIDS.

<sup>IV</sup> Age missing for 5 persons living with HIV and 0 persons living with AIDS.

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 134 state prisoners and 164 refugees in the HIV-Positive Refugee Resettlement Program and 81 additional refugees/immigrants with HIV infection prior to resettling in Minnesota.

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, 2008**

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	1,632	1,303	2,935	62%	232	170	402	28%	1,864	1,473	3,337	54%	77.2
Black <sup>II</sup> , African-American	481	430	911	19%	265	175	440	30%	746	605	1,351	22%	805.2
Black <sup>II</sup> , African-born	182	180	362	8%	264	167	431	30%	446	347	793	13%	1586 - 2254
Hispanic	170	231	401	8%	51	31	82	6%	221	262	483	8%	336.9
American Indian	26	35	61	1%	25	22	47	3%	51	57	108	2%	133.2
Asian/PI	37	31	68	1%	18	14	32	2%	55	45	100	2%	59.4
Other <sup>II</sup>	20	13	33	1%	12	3	15	1%	32	16	48	1%	x
<b>Total</b>	<b>2,548</b>	<b>2,223</b>	<b>4,771</b>	<b>100%</b>	<b>867</b>	<b>582</b>	<b>1,449</b>	<b>100%</b>	<b>3,415</b>	<b>2,805</b>	<b>6,220</b>	<b>100%</b>	<b>126.4</b>
<b>Mode of Exposure</b>													
MSM	1,717	1,410	3,127	66%	--	--	--	--	1,717	1,410	3,127	50%	x
IDU	128	139	267	6%	72	88	160	11%	200	227	427	7%	x
MSM/IDU	175	162	337	7%	--	--	--	--	175	162	337	5%	x
Heterosexual (Total)	(80)	(88)	(168)	4%	(552)	(372)	(924)	64%	(632)	(460)	(1092)	18%	x
with IDU	29	39	68	--	75	78	153	--	104	117	221	--	x
with Bisexual Male	-	-	-	--	52	34	86	--	52	34	86	--	x
with Hemophiliac/other	1	2	3	--	3	0	3	--	4	2	6	--	x
with HIV+	50	47	97	--	209	112	321	--	259	159	418	--	x
Hetero, unknown risk <sup>IV</sup>	0	0	0	--	213	148	361	--	213	148	361	--	
Perinatal	14	12	26	1%	29	9	38	3%	43	21	64	1%	x
Other	14	26	40	1%	13	4	17	1%	27	30	57	1%	x
Unspecified	247	254	501	11%	63	37	100	7%	310	291	601	10%	x
No Interview, Unspecified	173	132	305	6%	138	72	210	14%	311	204	515	8%	x
<b>Total</b>	<b>2,548</b>	<b>2,223</b>	<b>4,771</b>	<b>100%</b>	<b>867</b>	<b>582</b>	<b>1,449</b>	<b>100%</b>	<b>3,415</b>	<b>2,805</b>	<b>6,220</b>	<b>100%</b>	<b>126.4</b>

<sup>I</sup> Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of 12/31/08.

<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.

<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).

<sup>IV</sup> Hetero, unknown risk - Females who were interviewed and whose only risk is heterosexual contact but who were not able to provide information on the sexual partner's risk.

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, Unspecified = Cases who refused to be, could not be or have not yet been interviewed.

Numbers exclude federal and private prisoners, but include 134 state prisoners and 164 refugees in the HIV-Positive Refugee Resettlement Program and an additional 81 refugees/immigrants with HIV infection prior to resettling in Minnesota.

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, 2008**

County <sup>i</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>iii</sup>
Aitkin	3	1	4	-
Anoka	121	109	230	77.2
Becker	1	6	7	23.3
Beltrami	7	10	17	42.9
Benton	3	7	10	29.2
Big Stone	1	0	1	-
Blue Earth	16	13	29	51.8
Brown	4	4	8	29.7
Carlton	4	6	10	31.6
Carver	16	17	33	47.0
Cass	2	8	10	36.8
Chippewa	1	2	3	-
Chisago	5	5	10	24.3
Clay	18	13	31	60.5
Clearwater	2	0	2	-
Cook	0	2	2	-
Cottonwood	1	2	3	-
Crow Wing	4	9	13	23.6
Dakota	159	106	265	74.5
Dodge	1	3	4	-
Douglas	2	5	7	21.3
Faribault	2	6	8	49.4
Fillmore	3	4	7	33.1
Freeborn	5	6	11	33.8
Goodhue	8	6	14	31.7
Grant	3	1	4	-
Hennepin	1,984	1,542	3,526	315.9
Houston	1	1	2	-
Hubbard	2	3	5	27.2
Isanti	9	7	16	51.1
Itasca	4	8	12	27.3
Jackson	2	1	3	-
Kanabec	3	0	3	-
Kandiyohi	5	8	13	31.6
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	4	4	8	31.5
Lincoln	2	0	2	-
Lyon	6	2	8	31.5
McLeod	4	2	6	17.2
Mahnomen	1	0	1	-
Marshall	0	0	0	-
Martin	4	2	6	27.5
Meeker	2	4	6	26.5
Mille Lacs	1	4	5	22.4
Morrison	2	6	8	25.2
Mower	11	11	22	57.0
Murray	2	1	3	-
Nicollet	1	5	6	20.2
Nobles	13	7	20	96.0
Norman	0	1	1	-
Olmsted	58	41	99	79.7
Otter Tail	1	4	5	8.7
Pennington	1	1	2	-
Pine	2	2	4	-
Pipestone	1	0	1	-
Polk	7	4	11	35.1
Pope	3	2	5	44.5
Ramsey	564	482	1,046	204.7
Red Lake	0	0	0	-
Redwood	1	1	2	-
Renville	1	1	2	-
Rice	20	10	30	52.9
Rock	1	2	3	-
Roseau	0	0	0	-
St. Louis	54	56	110	54.9
Scott	24	32	56	62.6

**Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by County of Residence -- Minnesota, 2008**

County <sup>i</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>iii</sup>
Sherburne	13	18	31	48.1
Sibley	1	1	2	-
Stearns	26	25	51	38.3
Steele	3	2	5	14.8
Stevens	0	2	2	-
Swift	0	2	2	-
Todd	3	1	4	-
Traverse	1	0	1	-
Wabasha	4	1	5	23.1
Wadena	2	7	9	65.6
Waseca	6	2	8	41.0
Washington	45	48	93	46.2
Watsonwan	3	2	5	42.1
Wilkin	0	0	0	-
Winona	11	4	15	30.0
Wright	14	12	26	28.9
Yellow Medicine	1	0	1	-
<b>State Total<sup>ii</sup></b>	<b>3,415</b>	<b>2,805</b>	<b>6,220</b>	<b>126.4</b>

<sup>i</sup> Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of 12/31/08.

<sup>ii</sup> Residence information missing for 14 persons living with HIV and 8 persons living with AIDS. Total rate is based on all cases in the state (n=6,220)

Numbers by county exclude federal, and private prisoners, but include 164 refugees in the HIV-Positive Refugee Resettlement Program and 81 additional refugees/immigrants with HIV infection prior to resettling in Minnesota. Numbers for counties in which a state correctional facility is located, exclude those inmates. The total number of state prisoners is 134. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Pine, Rice, Scott, Sherburne, 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, AIDS Deaths, People Living with HIV/AIDS (PLWHA) and All Deaths<sup>I</sup>  
Minnesota, 1995-2008**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
HIV (non-AIDS)	243	204	209	204	214	194	206	228	202	198	223	251	248	244
AIDS <sup>II</sup>	339	258	194	193	161	159	134	161	179	229	198	183	165	175
AIDS deaths	253	190	77	70	69	76	64	56	55	63	55	61	54	47
PLWHA	2,875	3,051	3,287	3,539	3,790	4,046	4,331	4,598	4,895	5,002	5,233	5,566	5,950	6,221
All deaths	268	197	91	80	79	79	68	67	72	70	69	79	74	72

<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, including AIDS at first diagnosis. **AIDS deaths** = Number of deaths known to have occurred among MN AIDS cases in a given calendar year, regardless of location of death and cause. **All deaths**= Number of deaths known to have occurred in MN among people with HIV infection, regardless of location of diagnosis and cause of death.

<sup>II</sup>Numbers include refugees in the HIV-Positive Refugee Resettlement Program and other refugees/immigrants 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 1996 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, 2008 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 2008<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>
1982-1995	2,725	2,155	79%	1,649
1996	258	96	37%	190
1997	194	61	31%	77
1998	193	47	24%	70
1999	161	33	20%	69
2000	159	28	18%	76
2001	134	18	13%	64
2002	161	29	18%	56
2003	179	26	15%	55
2004	229	35	15%	63
2005	198	27	14%	55
2006	183	10	5%	61
2007	165	15	9%	54
2008	175	6	3%	47
<b>Cumulative Total</b>	5,114	2,586	51%	2,586

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

<sup>II</sup> Cases known to be dead (by any cause) as of 12/31/2008. 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, refugees in the HIV-Positive Refugee Resettlement Program and other refugees/immigrants diagnosed with AIDS subsequent to their arrival in the U.S.