

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, 2010							
Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS Prevalence Rate
	Cases	%	Cases	%	Cases	%	
<b>Residence<sup>III</sup></b>							
Minneapolis	1,471	41%	1,248	40%	2,719	40%	710.6
St. Paul	497	14%	483	15%	980	14%	341.3
Suburban	1,131	31%	947	30%	2,078	31%	105.4
Greater Minnesota	515	14%	475	15%	990	15%	43.5
<i>Total</i>	<i>3,614</i>	<i>100%</i>	<i>3,153</i>	<i>100%</i>	<i>6,767</i>	<i>100%</i>	<i>133.2</i>
<b>Age<sup>IV</sup></b>							
<13 yrs	38	1%	5	<1%	43	1%	4.7
13-19 yrs	52	1%	12	<1%	64	1%	12.2
20-24 yrs	183	5%	39	1%	222	3%	68.8
25-29 yrs	346	10%	125	4%	471	7%	147.3
30-34 yrs	399	11%	236	7%	635	10%	179.7
35-39 yrs	448	12%	339	11%	787	12%	190.8
40-44 yrs	578	16%	511	16%	1,089	17%	264.5
45-49 yrs	635	17%	732	23%	1,367	21%	375.3
50-54 yrs	476	13%	556	18%	1,032	16%	342.3
55-59 yrs	260	7%	319	10%	579	9%	255.2
60+ yrs	220	6%	297	9%	517	8%	66.9
<i>Total</i>	<i>3,635</i>	<i>100%</i>	<i>3,171</i>	<i>99%</i>	<i>6,552</i>	<i>104%</i>	<i>126.5</i>
<b>Gender</b>							
Male	2,740	75%	2,503	79%	5,243	77%	215.3
Female	900	25%	671	21%	1,571	23%	63.2
<i>Total</i>	<i>3,640</i>	<i>100%</i>	<i>3,174</i>	<i>100%</i>	<i>6,814</i>	<i>100%</i>	<i>138.5</i>
<b>State Totals</b>	<i>3,640</i>		<i>3,174</i>		<i>6,814</i>		<i>138.5</i>

<sup>I</sup> Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of 12/31/10.

<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 26 persons living with HIV and 21 persons living with AIDS.

<sup>IV</sup> Age missing for 5 persons living with HIV and 3 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 127 state prisoners, 164 refugees in the HIV-Positive Refugee Resettlement Program, and 122 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, 2010**

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	1,729	1,434	3,163	60%	250	173	423	27%	1,979	1,607	3,586	53%	83.0
Black <sup>II</sup> , African-American	515	501	1,016	19%	255	205	460	29%	770	706	1,476	22%	879.7
Black <sup>II</sup> , African-born	188	200	388	7%	278	200	478	30%	466	400	866	13%	1,732 - 2,461
Hispanic	194	273	467	9%	53	45	98	6%	247	318	565	8%	394.1
American Indian	31	36	67	1%	26	25	51	3%	57	61	118	2%	145.5
Asian/PI	43	39	82	2%	22	15	37	2%	65	54	119	2%	70.7
Other <sup>II</sup>	40	20	60	1%	16	8	24	2%	56	28	84	1%	x
<b>Total</b>	<b>2,740</b>	<b>2,503</b>	<b>5,243</b>	<b>100%</b>	<b>900</b>	<b>671</b>	<b>1,571</b>	<b>100%</b>	<b>3,640</b>	<b>3,174</b>	<b>6,814</b>	<b>100%</b>	<b>138.5</b>
<b>Mode of Exposure</b>													
MSM	1,907	1,572	3,479	66%	--	--	--	--	1,907	1,572	3,479	51%	x
IDU	115	156	271	5%	63	93	156	10%	178	249	427	6%	x
MSM/IDU	168	187	355	7%	--	--	--	--	168	187	355	5%	x
Heterosexual (Total)	(83)	(106)	(189)	4%	(642)	(474)	(1116)	71%	(725)	(580)	(1305)	19%	x
with IDU	25	42	67	--	74	86	160	--	99	128	227	--	x
with Bisexual Male	-	-	-	--	48	40	88	--	48	40	88	--	x
with Hemophiliac/other	2	2	4	--	3	1	4	--	5	3	8	--	x
with HIV+	56	62	118	--	232	137	369	--	288	199	487	--	x
Hetero, unknown risk <sup>IV</sup>	0	0	0	--	285	210	495	--	285	210	495	--	x
Perinatal	20	14	34	1%	34	9	43	3%	54	23	77	1%	x
Other	12	23	35	1%	4	2	6	0%	16	25	41	1%	x
Unspecified	262	291	553	11%	70	51	121	8%	332	342	674	10%	x
No Interview, Unspecified	173	154	327	6%	87	42	129	8%	260	196	456	7%	x
<b>Total</b>	<b>2,740</b>	<b>2,503</b>	<b>5,243</b>	<b>100%</b>	<b>900</b>	<b>671</b>	<b>1,571</b>	<b>100%</b>	<b>3,640</b>	<b>3,174</b>	<b>6,814</b>	<b>100%</b>	<b>138.5</b>

<sup>I</sup> Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of 12/31/10.

<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 127 state prisoners, 164 refugees in the HIV-Positive Refugee Resettlement Program, and 122 additional 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<sup>d</sup> -- Minnesota, 2010**

<b>County<sup>h</sup></b>	<b>HIV (non-AIDS)</b>	<b>AIDS</b>	<b>Total</b>	<b>Rate<sup>iii</sup></b>
Aitkin	8	2	10	65.4
Anoka	134	138	272	91.2
Becker	3	7	10	33.3
Beltrami	12	9	21	53.0
Benton	4	8	12	35.1
Big Stone	0	0	0	-
Blue Earth	21	13	34	60.8
Brown	5	4	9	33.4
Carlton	3	7	10	31.6
Carver	20	20	40	57.0
Cass	7	10	17	62.6
Chippewa	2	2	4	-
Chisago	8	6	14	34.1
Clay	18	8	26	50.8
Clearwater	3	2	5	59.4
Cook	0	2	2	-
Cottonwood	2	3	5	41.1
Crow Wing	3	10	13	23.6
Dakota	189	133	322	90.5
Dodge	1	5	6	33.8
Douglas	2	6	8	24.4
Faribault	2	7	9	55.6
Fillmore	5	4	9	42.6
Freeborn	11	9	20	61.4
Goodhue	9	13	22	49.9
Grant	3	3	6	95.4
Hennepin	2,037	1,716	3,753	336.2
Houston	1	1	2	-
Hubbard	2	2	4	-
Isanti	13	11	24	76.7
Itasca	2	9	11	25.0
Jackson	6	3	9	79.9
Kanabec	4	2	6	40.0
Kandiyohi	11	9	20	48.5
Kittson	0	0	0	-
Koochiching	0	0	0	-
Lac Qui Parle	1	0	1	-
Lake	1	2	3	-
Lake of the Woods	0	0	0	-
Le Sueur	4	5	9	35.4
Lincoln	3	0	3	-
Lyon	9	2	11	43.3
McLeod	4	5	9	25.8
Mahnomen	0	0	0	-
Marshall	0	0	0	-
Martin	6	2	8	36.7
Meeker	4	5	9	39.7
Mille Lacs	0	6	6	26.9
Morrison	2	8	10	31.5
Mower	11	10	21	54.4
Murray	3	1	4	-
Nicollet	2	5	7	23.5
Nobles	10	10	20	96.0
Norman	0	0	0	-
Olmsted	66	39	105	84.5
Otter Tail	5	6	11	19.2
Pennington	0	2	2	-
Pine	3	3	6	22.6
Pipestone	0	0	0	-
Polk	4	6	10	31.9
Pope	3	2	5	44.5
Ramsey	578	548	1,126	220.3
Red Lake	1	0	1	-
Redwood	1	1	2	-
Renville	1	1	2	-
Rice	22	12	34	60.0
Rock	1	2	3	-
Roseau	0	0	0	-
St. Louis	65	61	126	62.8

<b>Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by County of Residence<sup>d</sup> -- Minnesota, 2010</b>				
<b>County<sup>ii</sup></b>	<b>HIV (non-AIDS)</b>	<b>AIDS</b>	<b>Total</b>	<b>Rate<sup>iii</sup></b>
Scott	32	36	68	76.0
Sherburne	15	21	36	55.9
Sibley	1	1	2	-
Stearns	27	28	55	41.3
Steele	3	4	7	20.8
Stevens	0	2	2	-
Swift	0	1	1	-
Todd	3	1	4	-
Traverse	1	0	1	-
Wabasha	1	1	2	-
Wadena	1	2	3	-
Waseca	5	2	7	35.8
Washington	66	53	119	59.2
Watonwan	0	1	1	-
Wilkin	0	1	1	-
Winona	10	3	13	26.0
Wright	16	13	29	32.2
Yellow Medicine	0	0	0	-
<b>State Total<sup>ii</sup></b>	<b>3,640</b>	<b>3,174</b>	<b>6,814</b>	<b>138.5</b>

<sup>i</sup> Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of 12/31/10.

<sup>ii</sup> Residence information missing for 26 persons living with HIV and 21 persons living with AIDS.. Total rate is based on all cases in the state (n=6,814)

Numbers by county exclude federal, and private prisoners, but include 164 refugees in the HIV-Positive Refugee Resettlement Program and 122 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 127. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Itasca, Rice, Scott, Sherburne, 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>1</sup>  
Minnesota, 2000-2010**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
HIV (non-AIDS)	192	205	222	204	199	222	248	243	241	280	248
AIDS <sup>II</sup>	172	145	176	193	247	217	195	186	201	187	173
AIDS deaths	85	68	63	60	66	58	68	60	60	70	51
PLWHA	4,046	4,331	4,598	4,895	5,002	5,233	5,566	5,950	6,221	6,552	6,814
All deaths	81	71	72	72	70	68	79	77	72	88	70

<sup>1</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.

<b>Table 5. Known Mortality among Minnesota AIDS Cases by Year of Diagnosis -- Minnesota, through 2010<sup>I</sup></b>				
<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>
1982-1999	3,532	2,479	70%	2,055
2000	172	36	21%	85
2001	145	23	16%	68
2002	176	34	19%	63
2003	193	35	18%	60
2004	247	46	19%	66
2005	217	32	15%	58
2006	195	17	9%	68
2007	186	26	14%	60
2008	201	21	10%	60
2009	187	8	4%	70
2010	173	7	4%	51
<b>Cumulative Total</b>	<b>5,624</b>	<b>2,764</b>	<b>49%</b>	<b>2,764</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 12/31/2010. 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.