

## HIV/AIDS Prevalence Report Data Tables, Minnesota 2017

**Table 1. Number<sup>I</sup> and Rate<sup>II</sup> (per 100,000 persons) of Persons Living with HIV (non-AIDS) and AIDS by Residence, Age, and Gender Minnesota, 2017**

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS Prevalence Rate
	Cases	%	Cases	%	Cases	%	
<b>Residence<sup>III</sup></b>							
Minneapolis	1,748	37%	1,397	35%	3,145	36%	822.1
St. Paul	615	13%	543	13%	1,158	13%	406.2
Suburban	1,637	35%	1,370	34%	3,007	34%	137.8
Greater Minnesota	738	16%	726	18%	1,464	17%	59.6
<b>Total</b>	<b>4,738</b>	<b>100%</b>	<b>4,036</b>	<b>100%</b>	<b>8,774</b>	<b>100%</b>	<b>165.4</b>
<b>Age<sup>IV</sup></b>							
<13 yrs	48	1%	4	<1%	52	1%	5.6
13-19 yrs	59	1%	11	<1%	70	1%	13.7
20-24 yrs	154	3%	36	1%	190	2%	53.4
25-29 yrs	425	9%	112	3%	537	6%	144.1
30-34 yrs	528	11%	236	6%	764	9%	222.8
35-39 yrs	547	12%	390	10%	937	11%	285.5
40-44 yrs	480	10%	417	10%	897	10%	254.2
45-49 yrs	653	14%	558	14%	1,211	14%	298.1
50-54 yrs	675	14%	786	19%	1,461	17%	363.7
55-59 yrs	539	11%	727	18%	1,266	14%	362.1
60+ yrs	636	13%	761	19%	1,397	16%	145.1
<b>Total</b>	<b>4,744</b>	<b>100%</b>	<b>4,038</b>	<b>100%</b>	<b>8,782</b>	<b>100%</b>	<b>165.6</b>
<b>Gender</b>							
Male	3,553	75%	3,072	76%	6,625	75%	251.7
Female	1,198	25%	966	24%	2,164	25%	81.0
<b>Total</b>	<b>4,751</b>	<b>100%</b>	<b>4,038</b>	<b>100%</b>	<b>8,789</b>	<b>100%</b>	<b>165.7</b>

<sup>I</sup> Cases reported to MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2017.

<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 2010 U.S. Census data.

<sup>III</sup> Residence information missing for 13 persons living with HIV and 2 persons living with AIDS.

<sup>IV</sup> Age missing for 7 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 162 state prisoners, 170 refugees in the HIV-Positive Refugee Resettlement Program, and 166 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, 2017**

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>II</sup>
<b>Race/Ethnicity</b>													
White, non-Hispanic	2,043	1,592	3,635	55%	269	215	484	22%	2,312	1,807	4,119	47%	93.5
Black <sup>II</sup> , African-American, non-Hispanic	695	626	1,321	20%	301	263	564	26%	996	889	1,885	21%	983.9
Black <sup>II</sup> , African-born, non-Hispanic	285	295	580	9%	458	330	788	36%	743	625	1,368	16%	1763.9
Hispanic, any race	323	380	703	11%	77	72	149	7%	400	452	852	10%	340.4
American Indian, non-Hispanic	28	36	64	1%	23	26	49	2%	51	62	113	1%	203.9
Asian/PI, non-Hispanic	75	62	137	2%	28	26	54	2%	103	88	191	2%	88.9
Other <sup>II</sup> , non-Hispanic	104	81	185	3%	42	34	76	4%	146	115	261	3%	X
<b>Total</b>	<b>3,553</b>	<b>3,072</b>	<b>6,625</b>	<b>100%</b>	<b>1,198</b>	<b>966</b>	<b>2,164</b>	<b>100%</b>	<b>4,751</b>	<b>4,038</b>	<b>8,789</b>	<b>100%</b>	<b>165.7</b>
<b>Mode of Exposure</b>													
MSM	2,442	1,867	4,309	65%	--	--	--	--	2,442	1,867	4,309	49%	X
IDU	109	151	260	4%	80	96	176	8%	189	247	436	5%	X
MSM/IDU	236	225	461	7%	--	--	--	--	236	225	461	5%	X
Heterosexual (Total)	(121)	(163)	(284)	4%	(959)	(786)	(1745)	81%	(1080)	(949)	(2029)	23%	X
With IDU	25	37	62	--	66	91	157	--	91	128	219	--	X
with Bisexual Male	-	-	-	--	48	47	95	--	48	47	95	--	X
with Hemophiliac/other	4	2	6	--	7	5	12	--	11	7	18	--	X
With HIV +	92	124	216	--	307	216	523	--	399	340	739	--	X
Hetero, unknown risk <sup>IV</sup>	0	0	0	--	531	427	958		531	427	958		
Perinatal	51	22	73	1%	67	20	87	4%	118	42	160	2%	X
Other	8	20	28	0%	3	3	6	0%	11	23	34	0%	X
Unspecified	501	537	1,038	16%	73	54	127	6%	574	591	1,165	13%	X
No Interview, Unspecified	85	87	172	3%	16	7	23	1%	101	94	195	2%	X
<b>Total</b>	<b>3,553</b>	<b>3,072</b>	<b>6,625</b>	<b>100%</b>	<b>1,198</b>	<b>966</b>	<b>2,164</b>	<b>100%</b>	<b>4,751</b>	<b>4,038</b>	<b>8,789</b>	<b>100%</b>	<b>165.7</b>

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2017

<sup>I</sup> Cases reported to MDH, assumed to be alive and currently residing in Minnesota as of December 31, 2017.

<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 or missing race.

<sup>III</sup> Rates calculated using U.S. Census 2010 data. The population estimate for African-born persons was calculated by the Minnesota State Demographic Center. The population estimate for Black, African-American persons (191,584) was calculated by subtracting the U.S. Census estimate for African-born persons (77,557) from the total Black population (269,141). 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 162 state prisoners, 170 refugees in the HIV-Positive Refugee Resettlement Program, and 166 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>1</sup> -- Minnesota, 2017**

County <sup>II</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>III</sup>
Aitkin	4	1	5	30.9
Anoka	238	214	452	136.6
Becker	8	7	15	46.1
Beltrami	13	15	28	63.0
Benton	15	14	29	75.4
Big Stone	0	0	0	-
Blue Earth	20	19	39	60.9
Brown	4	7	11	42.5
Carlton	8	8	16	45.2
Carver	27	35	62	68.1
Cass	6	15	21	73.5
Chippewa	3	6	9	72.3
Chisago	10	10	20	37.1
Clay	28	18	46	78.0
Clearwater	2	2	4	-
Cook	2	3	5	96.6
Cottonwood	3	6	9	77.0
Crow Wing	10	4	14	22.4
Dakota	249	209	458	114.9
Dodge	3	3	6	29.9
Douglas	7	7	14	38.9
Faribault	3	5	8	55.0
Fillmore	6	2	8	38.3
Freeborn	6	10	16	51.2
Goodhue	8	9	17	36.8
Grant	5	3	8	132.9

County <sup>II</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>III</sup>
Hennepin	2567	2046	4,613	400.3
Houston	6	5	11	57.8
Hubbard	4	3	7	34.3
Isanti	13	12	25	66.1
Itasca	6	10	16	35.5
Jackson	5	6	11	107.1
Kanabec	3	6	9	55.4
Kandiyohi	21	13	34	80.5
Kittson	1	2	3	-
Koochiching	1	0	1	-
Lac Qui Parle	0	2	2	-
Lake	4	3	7	64.4
Lake of the Woods	0	1	0	1
Le Sueur	10	8	18	65.0
Lincoln	3	1	4	-
Lyon	7	3	10	38.7
McLeod	14	12	26	70.9
Mahnomen	0	0	0	-
Marshall	2	0	2	-
Martin	8	6	14	67.2
Meeker	8	3	11	47.2
Mille Lacs	3	15	18	69.0
Morrison	7	6	13	39.2
Mower	30	33	63	160.9
Murray	2	0	2	-
Nicollet	9	13	22	67.2

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County <sup>I</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>III</sup>
Nobles	11	16	27	126.3
Norman	2	0	2	-
Olmsted	83	87	170	117.9
Otter Tail	9	9	18	31.4
Pennington	3	2	5	35.9
Pine	7	7	14	47.1
Pipestone	1	0	1	-
Polk	8	11	19	60.1
Pope	3	3	6	54.6
Ramsey	745	668	1,413	277.8
Red Lake	0	1	1	-
Redwood	2	1	3	-
Renville	2	6	8	50.9
Rice	46	29	75	116.9
Rock	2	4	6	61.9
Roseau	0	0	0	-
St. Louis	79	82	161	80.4
Scott	51	62	113	87.0

County <sup>I</sup>	HIV (non-AIDS)	AIDS	Total	Rate <sup>III</sup>
Sherburne	23	22	45	50.8
Sibley	3	1	4	-
Stearns	40	51	91	60.4
Steele	7	7	14	38.3
Stevens	0	3	3	-
Swift	2	3	5	51.1
Todd	1	1	2	-
Traverse	1	1	2	-
Wabasha	3	5	8	36.9
Wadena	2	0	2	-
Waseca	4	4	8	41.8
Washington	123	76	199	83.6
Watsonwan	1	0	1	-
Wilkin	0	2	2	-
Winona	20	6	26	50.5
Wright	31	26	57	45.7
Yellow Medicine	0	0	0	-
<b>State Total<sup>II</sup></b>	<b>4,738</b>	<b>4,036</b>	<b>8,774</b>	<b>178.4</b>

<sup>I</sup> Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2017.

<sup>II</sup> Residence information missing for 12 persons living with HIV and 3 persons living with AIDS. Total rate is based on all cases in the state (n=8,554) Numbers by county exclude federal, and private prisoners, but include 168 refugees in the HIV-Positive Refugee Resettlement Program and 171 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 157. 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 2010 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 2007-2017**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>HIV (non-AIDS)</b>	265	249	279	248	221	237	219	237	234	234	217
<b>AIDS<sup>II</sup></b>	189	202	190	181	187	199	164	170	147	134	144
<b>PLWHA</b>	5,950	6,221	6,552	6,814	7,136	7,516	7,723	7,988	8,215	8,554	8,789
<b>All deaths</b>	75	74	93	71	80	81	78	93	89	63	75

<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. All deaths= Number of deaths known to have occurred among all people living with HIV infection in Minnesota, 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.

These numbers refer to events, not individuals. For example, a person diagnosed as an HIV (non-AIDS) case in 2003 and then diagnosed as an AIDS case in 2008 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, 2017 New HIV Infections, Table 1 for cumulative totals.

Case numbers exclude federal and private prisoners.