

Table 3: Demographic information on HIV infection cases currently living in Out-State Michigan, 2012

	EST PREV*	REPORTED HIV INFECTION PREVALENCE									CENSUS 2010 [†]	
		HIV, non-stage 3		HIV, stage 3 (AIDS)		TOTAL		Late HIV diagnosis				
		Num	Num	Percent	Num	Percent	Num	Percent	Rate per 100,000	Num	Percent of stage 3 cases	Num
RACE/ ETHNICITY [§]												
White	3,930	1,352	54%	1,640	57%	2,992	56%	64	718	44%	4,685,699	83%
Black	2,400	903	36%	921	32%	1,824	34%	446	345	37%	408,699	7%
Hispanic	530	173	7%	231	8%	404	7%	151	118	51%	267,086	5%
Asian/NH/OPI	60	24	1%	22	1%	46	1%	47	9	41%	97,933	2%
AI/AN	30	15	1%	9	<1%	24	<1%	57	3	33%	42,415	1%
Multi/other/unk	130	45	2%	54	2%	99	2%	N/A	20	37%	114,504	2%
SEX & RACE												
Male	5,590	1,886	75%	2,369	82%	4,255	79%	153	1,040	44%	2,781,585	50%
White male	3,390	1,126	45%	1,451	50%	2,577	48%	111	654	45%	2,313,461	41%
Black male	1,610	573	23%	654	23%	1,227	23%	591	252	39%	207,582	4%
Hispanic male	420	128	5%	195	7%	323	6%	237	107	55%	136,338	2%
Other male	170	59	2%	69	2%	128	2%	103	27	39%	124,204	2%
Female	1,490	626	25%	508	18%	1,134	21%	40	173	34%	2,834,751	50%
White female	550	226	9%	189	7%	415	8%	17	64	34%	2,372,238	42%
Black female	780	330	13%	267	9%	597	11%	297	93	35%	201,117	4%
Hispanic female	110	45	2%	36	1%	81	2%	62	11	31%	130,748	2%
Other female	50	25	1%	16	1%	41	1%	31	5	31%	130,648	2%
RISK†												
Male-male sex (MSM)	3,670	1,249	50%	1,544	54%	2,793	52%	--	655	42%	--	--
Injection drug use (IDU)	520	165	7%	227	8%	392	7%	--	79	35%	--	--
MSM/IDU	370	133	5%	145	5%	278	5%	--	40	28%	--	--
Blood products	60	15	1%	29	1%	44	1%	--	5	17%	--	--
Heterosexual contact (HC)	1,280	501	20%	474	16%	975	18%	--	175	37%	--	--
HCRF (male)	250	82	3%	112	4%	194	4%	--	51	46%	--	--
HCM (female)	1,030	419	17%	362	13%	781	14%	--	124	34%	--	--
Perinatal	80	42	2%	20	1%	62	1%	--	9	45%	--	--
Undetermined	1,110	407	16%	438	15%	845	16%	--	250	57%	--	--
AGE AT HIV DIAGNOSIS												
0 - 12 years	110	56	2%	26	1%	82	2%	--	9	35%	--	--
13 - 19 years	310	147	6%	91	3%	238	4%	--	12	13%	--	--
20 - 24 years	960	389	15%	339	12%	728	14%	--	60	18%	--	--
25 - 29 years	1,280	466	19%	510	18%	976	18%	--	150	29%	--	--
30 - 39 years	2,530	836	33%	1,086	38%	1,922	36%	--	467	43%	--	--
40 - 49 years	1,360	464	18%	574	20%	1,038	19%	--	346	60%	--	--
50 - 59 years	420	124	5%	195	7%	319	6%	--	128	66%	--	--
60 years and over	110	30	1%	56	2%	86	2%	--	41	73%	--	--
Unspecified	10	0	0%	0	0%	0	0%	--	--	--	--	--
Out-State Total	7,080	2,512	100%	2,877	100%	5,389	100%	96	1,213	42%	5,616,336	100%

*See pages iv-v for descriptions of prevalence estimate calculations. NOTE: prevalence estimates throughout this document are based on the number of people currently living with HIV in Michigan as of January 2012. Prevalence estimates in other MDCH documents are based on the number of people living with HIV who were diagnosed in MI.

[†] See page vi of the Forward and Appendix 2 for risk category groupings. Risk categories used in Michigan are redefined as of January 2012. NOTE: Heterosexual contact for males includes only males whose sexual partners are known to be HIV infected or at high risk for HIV (HCRF). Heterosexual contact for females includes all females who have had sex with a male regardless of what is known about the male's HIV status or behaviors (HCM).

[§] In this report, persons described as white, black, Asian/Native Hawaiian or Other Pacific Islander (Asian/NH/OPI), or American Indian/Alaskan Native (AI/AN) are all non-Hispanic; persons described as Hispanic may be of any race.

[¶] Rates are not reported for risk categories and age at diagnosis because no reliable denominator data exist for these groups.

Table 4: HIV infection cases currently living in Out-State Michigan by local health department jurisdiction, 2012

REPORTED HIV INFECTION PREVALENCE												
	EST PREV*	HIV, non-stage 3		HIV, stage 3 (AIDS)		TOTAL		Late HIV diagnosis			CENSUS 2010	
	Num	Num	Percent	Num	Percent	Num	Percent	Rate per 100,000	Num	Percent of stage 3 cases	Num	Percent
CURRENT RESIDENCE (by LHD jurisdiction)												
Allegan Co.	140	38	2%	72	3%	110	2%	99	27	38%	111,408	2%
Barry/Eaton Co.	160	53	2%	69	2%	122	2%	73	21	30%	166,932	3%
Barry Co.	30	6	<1%	18	1%	24	<1%	41	10	56%	59,173	1%
Eaton Co.	130	47	2%	51	2%	98	2%	91	11	22%	107,759	2%
Bay Co.	100	36	1%	39	1%	75	1%	70	15	38%	107,771	2%
Benzie/Leelanau	20	6	<1%	10	<1%	16	<1%	41	5	50%	39,233	1%
Benzie Co.	10	3	<1%	4	<1%	7	<1%	40	1	25%	17,525	<1%
Leelanau Co.	10	3	<1%	6	<1%	9	<1%	41	4	67%	21,708	<1%
Berrien Co.	330	105	4%	148	5%	253	5%	161	61	41%	156,813	3%
Branch/Hillsdale/St. Joseph	70	23	1%	31	1%	54	1%	35	15	48%	153,231	3%
Branch Co.	20	8	<1%	4	<1%	12	<1%	27	2	50%	45,248	1%
Hillsdale Co.	10	2	<1%	7	<1%	9	<1%	19	4	57%	46,688	1%
St. Joseph Co.	40	13	1%	20	1%	33	1%	54	9	45%	61,295	1%
Calhoun Co.	220	80	3%	84	3%	164	3%	120	21	25%	136,146	2%
Cass-Van Buren	140	51	2%	51	2%	102	2%	79	19	37%	128,551	2%
Cass Co.	40	15	1%	18	1%	33	1%	63	7	39%	52,293	1%
Van Buren Co.	90	36	1%	33	1%	69	1%	90	12	36%	76,258	1%
Central Michigan District	150	44	2%	68	2%	112	2%	59	30	44%	190,805	3%
Arenac Co.	10	3	<1%	4	<1%	7	<1%	44	2	50%	15,899	<1%
Clare Co.	40	10	<1%	17	1%	27	1%	87	7	41%	30,926	1%
Gladwin Co.	10	2	<1%	2	<1%	4	<1%	16	2	100%	25,692	<1%
Isabella Co.	70	22	1%	28	1%	50	1%	71	10	36%	70,311	1%
Osceola Co.	10	2	<1%	5	<1%	7	<1%	30	2	40%	23,528	<1%
Roscommon Co.	20	5	<1%	12	<1%	17	<1%	70	7	58%	24,449	<1%
Chippewa Co.	20	11	<1%	8	<1%	19	<1%	49	3	38%	38,520	1%
Delta-Menominee	30	14	1%	9	<1%	23	<1%	38	3	33%	61,098	1%
Delta Co.	20	10	<1%	8	<1%	18	<1%	49	2	25%	37,069	1%
Menominee Co.	10	4	<1%	1	<1%	5	<1%	21	1	100%	24,029	<1%
Dickinson-Iron	10	2	<1%	6	<1%	8	<1%	21	4	67%	37,985	1%
Dickson Co.	10	1	<1%	5	<1%	6	<1%	23	3	60%	26,168	<1%
Iron Co.	10	1	<1%	1	<1%	2	<1%	17	1	100%	11,817	<1%
District #2	20	8	<1%	6	<1%	14	<1%	21	2	33%	67,168	1%
Alcona Co.	10	0	0%	1	<1%	1	<1%	9	1	100%	10,942	<1%
Iosco Co.	10	5	<1%	2	<1%	7	<1%	27	0	0%	25,887	<1%
Ogemaw Co.	10	1	<1%	2	<1%	3	<1%	14	1	50%	21,699	<1%
Oscoda Co.	10	2	<1%	1	<1%	3	<1%	35	0	0%	8,640	<1%
District #10	140	46	2%	58	2%	104	2%	40	26	45%	261,616	5%
Crawford Co.	10	3	<1%	4	<1%	7	<1%	50	3	75%	14,074	<1%
Kalkaska Co.	10	3	<1%	0	0%	3	<1%	17	--	--	17,153	<1%
Lake Co.	20	5	<1%	7	<1%	12	<1%	104	4	57%	11,539	<1%
Manistee Co.	10	4	<1%	7	<1%	11	<1%	44	3	43%	24,733	<1%
Mason Co.	20	6	<1%	10	<1%	16	<1%	56	6	60%	28,705	1%
Mecosta Co.	20	7	<1%	8	<1%	15	<1%	35	4	50%	42,798	1%
Missaukee Co.	10	4	<1%	3	<1%	7	<1%	47	2	67%	14,849	<1%
Newaygo Co.	20	5	<1%	9	<1%	14	<1%	29	1	11%	48,460	1%
Oceana Co.	10	5	<1%	2	<1%	7	<1%	26	1	50%	26,570	<1%
Wexford Co.	20	4	<1%	8	<1%	12	<1%	37	2	25%	32,735	1%

Table 4: HIV infection cases currently living in Out-State Michigan by local health department jurisdiction, 2012

REPORTED HIV INFECTION PREVALENCE												
	EST PREV*	HIV, non-stage 3		HIV, stage 3 (AIDS)		TOTAL		Late HIV diagnosis			CENSUS 2010	
	Num	Num	Percent	Num	Percent	Num	Percent	Rate per 100,000	Num	Percent of stage 3 cases	Num	Percent
CURRENT RESIDENCE (by LHD Jurisdiction)												
District #4	30	5	<1%	20	1%	25	<1%	32	7	35%	78,891	1%
Alpena Co.	10	1	<1%	9	<1%	10	<1%	34	2	22%	29,598	1%
Cheboygan Co.	10	4	<1%	6	<1%	10	<1%	38	1	17%	26,152	<1%
Montmorency Co.	10	0	0%	3	<1%	3	<1%	31	3	100%	9,765	<1%
Presque Isle Co.	10	0	0%	2	<1%	2	<1%	15	1	50%	13,376	<1%
Genesee Co.	720	261	10%	286	10%	547	10%	128	113	40%	425,790	8%
Grand Traverse Co.	100	35	1%	39	1%	74	1%	85	20	51%	86,986	2%
Huron Co.	10	3	<1%	2	<1%	5	<1%	15	1	50%	33,118	1%
Ingham Co.	600	227	9%	231	8%	458	8%	163	95	41%	280,895	5%
Ionia Co.	50	21	1%	18	1%	39	1%	61	7	39%	63,905	1%
Jackson Co.	230	82	3%	96	3%	178	3%	111	35	36%	160,248	3%
Kalamazoo Co.	430	161	6%	169	6%	330	6%	132	57	34%	250,331	4%
Kent Co.	1,330	452	18%	559	19%	1,011	19%	168	250	45%	602,622	11%
Lenawee Co.	90	35	1%	30	1%	65	1%	65	16	53%	99,892	2%
Livingston Co.	90	28	1%	39	1%	67	1%	37	17	44%	180,967	3%
LMAS District	20	6	<1%	6	<1%	12	<1%	33	0	0%	35,830	1%
Alger Co.	10	1	<1%	4	<1%	5	<1%	52	0	0%	9,601	<1%
Luce Co.	10	1	<1%	1	<1%	2	<1%	30	0	0%	6,631	<1%
Mackinac Co.	10	3	<1%	1	<1%	4	<1%	36	0	0%	11,113	<1%
Schoolcraft Co.	10	1	<1%	0	0%	1	<1%	12	--	--	8,485	<1%
Marquette Co.	50	11	<1%	24	1%	35	1%	52	14	58%	67,077	1%
Mid-Michigan District	130	45	2%	51	2%	96	2%	53	25	49%	181,200	3%
Clinton Co.	70	26	1%	29	1%	55	1%	73	13	45%	75,382	1%
Grafton Co.	20	10	<1%	9	<1%	19	<1%	45	5	56%	42,476	1%
Montcalm Co.	30	9	<1%	13	<1%	22	<1%	35	7	54%	63,342	1%
Midland Co.	30	12	<1%	14	<1%	26	<1%	31	9	64%	83,629	1%
Muskegon Co.	200	79	3%	72	3%	151	3%	88	34	47%	172,188	3%
Northwest Michigan Dist.	60	19	1%	28	1%	47	1%	44	15	54%	106,387	2%
Antrim Co.	10	6	<1%	5	<1%	11	<1%	47	3	60%	23,580	<1%
Charlevoix Co.	10	4	<1%	7	<1%	11	<1%	42	3	43%	25,949	<1%
Emmet Co.	20	5	<1%	7	<1%	12	<1%	37	4	57%	32,694	1%
Otsego Co.	20	4	<1%	9	<1%	13	<1%	54	5	56%	24,164	<1%
Ottawa Co.	140	45	2%	62	2%	107	2%	41	34	55%	263,801	5%
Saginaw Co.	320	119	5%	121	4%	240	4%	120	47	39%	200,169	4%
Sanilac Co.	20	10	<1%	8	<1%	18	<1%	42	6	75%	43,114	1%
Shiawassee Co.	40	11	<1%	16	1%	27	1%	38	9	56%	70,648	1%
Tuscola Co.	10	5	<1%	4	<1%	9	<1%	16	3	75%	55,729	1%
Washtenaw Co.	820	313	12%	310	11%	623	12%	181	139	45%	344,791	6%
Western Upper Pen. Dist.	30	10	<1%	13	<1%	23	<1%	32	8	62%	70,851	1%
Baraga Co.	10	1	<1%	4	<1%	5	<1%	56	3	75%	8,860	<1%
Gogebic Co.	10	2	<1%	2	<1%	4	<1%	24	1	50%	16,427	<1%
Houghton Co.	10	7	<1%	4	<1%	11	<1%	30	2	50%	36,628	1%
Keweenaw Co.	10	0	0%	0	0%	0	0%	0	--	--	2,156	<1%
Ontonagon Co.	10	0	0%	3	<1%	3	<1%	44	2	67%	6,780	<1%
Out-State Total	7,080	2,512	100 %	2,877	100 %	5,389	100 %	96	1,213	42 %	5,616,336	100 %

TABLE 5. Risk transmission and exposure categories for HIV infection cases currently living in Out-State Michigan by sex, 2012

REPORTED HIV INFECTION PREVALENCE						
	Male		Female		Overall	
	Num	Percent	Num	Percent	Num	Percent
RISK TRANSMISSION CATEGORIES (CDC Hierarchy) *^s						
(Mutually Exclusive: one case is represented in ONLY one category)						
Male-male sex (MSM)	2,793	66%	N/A	--	2,793	52%
Injection drug use (IDU)	226	5%	166	15%	392	7%
MSM/IDU	278	7%	N/A	--	278	5%
Blood products	38	1%	6	1%	44	1%
Heterosexual contact (HC)	194	5%	781	69%	975	18%
HCFR (male)	194	5%	N/A	--	194	4%
HCM (female)	N/A	--	781	69%	781	14%
Perinatal	33	1%	29	3%	62	1%
Undetermined	693	16%	152	13%	845	16%
EXPOSURE CATEGORIES **[†]						
(Mutually Exclusive: one case is represented in ONLY one category)						
Male-male sex only	1,885	44%	N/A	--	1,885	35%
MSM & HC	885	21%	N/A	--	885	16%
MSM & IDU	143	3%	N/A	--	143	3%
MSM & blood products	12	<1%	N/A	--	12	<1%
MSM & HC & IDU	130	3%	N/A	--	130	2%
MSM & HC & blood products	11	<1%	N/A	--	11	<1%
MSM & IDU & blood products	1	<1%	N/A	--	1	<1%
MSM & HC & IDU & blood products	4	<1%	N/A	--	4	<1%
Heterosexual contact only	648	15%	863	76%	1,511	28%
HC & IDU	179	4%	151	13%	330	6%
HC & blood products	26	1%	17	1%	43	1%
HC & IDU & blood products	6	<1%	4	<1%	10	<1%
Injection drug use only	40	1%	11	1%	51	1%
IDU & blood products	1	<1%	0	0%	1	<1%
Perinatal exposure	33	1%	29	3%	62	1%
Exposure to blood products only	19	<1%	1	<1%	20	<1%
Undetermined	232	5%	58	5%	290	5%
TOTAL	4,255	100 %	1,134	100 %	5,389	100 %
SUMMARIZED EXPOSURE CATEGORIES *[‡]						
(NOT Mutually Exclusive: one case may be represented in multiple categories)						
Any MSM	3,071	72%	N/A	--	3,071	57%
Behaviorally bisexual men	1,030	24%	N/A	--	1,030	19%
Any heterosexual contact	1,889	44%	1,035	91%	2,924	54%
Any IDU	504	12%	166	15%	670	12%

*See page ii for descriptions of risk transmission and exposure categories.

^s Risk transmission categories are grouped based on hierarchical categories determined by the CDC. Any one person with multiple risks is only represented in the highest category, with the exception of MSM/IDU (based on the hierarchical algorithm).

[†] Exposure categories are mutually exclusive and grouped to allow all possible combinations of exposures that any one person may have. NOTE: Heterosexual contact (HC) in exposure categories includes males and females who had heterosexual contact, regardless of what is known about their partners' risk or HIV status.

[‡] Summarized exposure categories are NOT mutually exclusive, i.e. a case may be represented in multiple categories. These summarized categories are meant to give a broader picture of exposure and will NOT add up to the total number of persons living with HIV infection.

Table 6: Sex, race, and risk among HIV infection cases currently living in Out-State Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	1,931	75%	616	50%	181	56%	65	51%	2,793	66%
Injection drug use (IDU)	94	4%	104	8%	22	7%	6	5%	226	5%
MSM/IDU	184	7%	59	5%	27	8%	8	6%	278	7%
Blood products	30	1%	8	1%	0	0%	0	0%	38	1%
Heterosexual contact (HCFR)	58	2%	102	8%	25	8%	9	7%	194	5%
Perinatal	10	<1%	17	1%	2	1%	4	3%	33	1%
Undetermined	270	10%	321	26%	66	20%	36	28%	693	16%
Male Subtotal	2,577	61 %	1,227	29 %	323	8 %	128	3 %	4,255	100 %

FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use (IDU)	67	16%	85	14%	11	14%	3	7%	166	15%
Blood products	5	1%	1	<1%	0	0%	0	0%	6	1%
Heterosexual contact (HCM)	289	70%	402	67%	59	73%	31	76%	781	69%
Perinatal	8	2%	12	2%	7	9%	2	5%	29	3%
Undetermined	46	11%	97	16%	4	5%	5	12%	152	13%
Female Subtotal	415	37 %	597	53 %	81	7 %	41	4 %	1,134	100 %

ALL	White		Black		Hispanic		Other or unknown		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	1,931	65%	616	34%	181	45%	65	38%	2,793	52%
Injection drug use (IDU)	161	5%	189	10%	33	8%	9	5%	392	7%
MSM/IDU	184	6%	59	3%	27	7%	8	5%	278	5%
Blood products	35	1%	9	<1%	0	0%	0	0%	44	1%
Heterosexual contact (HC)	347	12%	504	28%	84	21%	40	24%	975	18%
HCFR (male)	58	2%	102	6%	25	6%	9	5%	194	4%
HCM (female)	289	10%	402	22%	59	15%	31	18%	781	14%
Perinatal	18	1%	29	2%	9	2%	6	4%	62	1%
Undetermined	316	11%	418	23%	70	17%	41	24%	845	16%
RACE ALL	2,992	56 %	1,824	34 %	404	7 %	169	3 %	5,389	100 %

Table 7: Sex, race, and age at HIV diagnosis among HIV infection cases Ccurrently living in Out-State Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
0 - 12 years	18	1%	22	2%	2	1%	4	3%	46	1%
13 - 19 years	48	2%	92	7%	8	2%	9	7%	157	4%
20 - 24 years	268	10%	199	16%	39	12%	19	15%	525	12%
25 - 29 years	444	17%	217	18%	72	22%	28	22%	761	18%
30 - 39 years	997	39%	409	33%	121	37%	47	37%	1,574	37%
40 - 49 years	568	22%	221	18%	58	18%	18	14%	865	20%
50 - 59 years	180	7%	56	5%	17	5%	3	2%	256	6%
60 years and over	54	2%	11	1%	6	2%	0	0%	71	2%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
Male Subtotal	2,577	61 %	1,227	29 %	323	8 %	128	3 %	4,255	100 %

FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
0 - 12 years	9	2%	18	3%	7	9%	2	5%	36	3%
13 - 19 years	31	7%	43	7%	5	6%	2	5%	81	7%
20 - 24 years	91	22%	91	15%	13	16%	8	20%	203	18%
25 - 29 years	78	19%	109	18%	21	26%	7	17%	215	19%
30 - 39 years	128	31%	182	30%	22	27%	16	39%	348	31%
40 - 49 years	49	12%	111	19%	10	12%	3	7%	173	15%
50 - 59 years	25	6%	32	5%	3	4%	3	7%	63	6%
60 years and over	4	1%	11	2%	0	0%	0	0%	15	1%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
Female Subtotal	415	37 %	597	53 %	81	7 %	41	4 %	1,134	100 %

ALL	White		Black		Hispanic		Other or unknown		Age all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
0 - 12 years	27	1%	40	2%	9	2%	6	4%	82	2%
13 - 19 years	79	3%	135	7%	13	3%	11	7%	238	4%
20 - 24 years	359	12%	290	16%	52	13%	27	16%	728	14%
25 - 29 years	522	17%	326	18%	93	23%	35	21%	976	18%
30 - 39 years	1,125	38%	591	32%	143	35%	63	37%	1,922	36%
40 - 49 years	617	21%	332	18%	68	17%	21	12%	1,038	19%
50 - 59 years	205	7%	88	5%	20	5%	6	4%	319	6%
60 years and over	58	2%	22	1%	6	1%	0	0%	86	2%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
RACE ALL	2,992	56 %	1,824	34 %	404	7 %	169	3 %	5,389	100 %

Table 8: Sex, Risk and Age at HIV Diagnosis Among HIV Infection Cases Currently Living in Out-State Michigan, 2012

MALE	0 - 12 years		13 - 19 years		20 - 24 years		25 - 29 years		30 - 39 years		40 - 49 years		50 - 59 years		60 years and over		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex	0	0%	111	71%	393	75%	535	70%	1,035	66%	529	61%	152	59%	38	54%	2,793	66%
Injection drug use	0	0%	1	1%	9	2%	40	5%	87	6%	69	8%	17	7%	3	4%	226	5%
MSM/IDU	0	0%	5	3%	41	8%	59	8%	115	7%	49	6%	8	3%	1	1%	278	7%
Blood products	8	17%	11	7%	6	1%	6	1%	5	<1%	1	<1%	1	<1%	0	0%	38	1%
Heterosexual contact (HCFR)	0	0%	5	3%	18	3%	38	5%	79	5%	38	4%	13	5%	3	4%	194	5%
Perinatal	32	70%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	33	1%
Undetermined	6	13%	23	15%	58	11%	83	11%	253	16%	179	21%	65	25%	26	37%	693	16%
Male Subtotal	46	1%	157	4%	525	12%	761	18%	1,574	37%	865	20%	256	6%	71	2%	4,255	100%
FEMALE	0 - 12 years		13 - 19 years		20 - 24 years		25 - 29 years		30 - 39 years		40 - 49 years		50 - 59 years		60 years and over		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use	0	0%	6	7%	26	13%	30	14%	62	18%	28	16%	12	19%	2	13%	166	15%
Blood products	0	0%	0	0%	1	<1%	0	0%	2	1%	0	0%	2	3%	1	7%	6	1%
Heterosexual contact (HCM)	0	0%	63	78%	155	76%	151	70%	237	68%	124	72%	43	68%	8	53%	781	69%
Perinatal	29	81%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	29	3%
Undetermined	7	19%	12	15%	21	10%	34	16%	47	14%	21	12%	6	10%	4	27%	152	13%
Female Subtotal	36	3%	81	7%	203	18%	215	19%	348	31%	173	15%	63	6%	15	1%	1,134	100%
TOTAL	0 - 12 years		13 - 19 years		20 - 24 years		25 - 29 years		30 - 39 years		40 - 49 years		50 - 59 years		60 years and over		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex	0	0%	111	47%	393	54%	535	55%	1,035	54%	529	51%	152	48%	38	44%	2,793	52%
Injection drug use	0	0%	7	3%	35	5%	70	7%	149	8%	97	9%	29	9%	5	6%	392	7%
MSM/IDU	0	0%	5	2%	41	6%	59	6%	115	6%	49	5%	8	3%	1	1%	278	5%
Blood products	8	10%	11	5%	7	1%	6	1%	7	<1%	1	<1%	3	1%	1	1%	44	1%
Heterosexual contact (HC)	0	0%	68	29%	173	24%	189	19%	316	16%	162	16%	56	18%	11	13%	975	18%
HCFR (male)	0	0%	5	2%	18	2%	38	4%	79	4%	38	4%	13	4%	3	3%	194	4%
HCM (female)	0	0%	63	26%	155	21%	151	15%	237	12%	124	12%	43	13%	8	9%	781	14%
Perinatal	61	74%	1	<1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	62	1%
Undetermined	13	16%	35	15%	79	11%	117	12%	300	16%	200	19%	71	22%	30	35%	845	16%
AGE TOTAL	82	2%	238	4%	728	14%	976	18%	1,922	36%	1,038	19%	319	6%	86	2%	5,389	100%

Table 9: Gonorrhea, syphilis, and chlamydia cases by sex, race and age group, Out-State Michigan, 2011

	Gonorrhea			P&S syphilis*			Chlamydia			Census 2010	
	Num	Percent	Rate ^	Num	Percent	Rate ^	Num	Percent	Rate ^	Num	Percent
RACE/ ETHNICITY											
White	887	23%	18.9	54	68%	1.2	7,889	34%	168.4	4,685,699	83%
Black	1,968	50%	481.5	22	28%	5.4	7,593	33%	1857.8	408,699	7%
Hispanic	90	2%	33.7	1	1%	0.4	788	3%	295.0	267,086	5%
Other/multi	99	3%	38.8	2	3%	0.8	594	3%	233.1	254,852	5%
Unknown race	893	23%	N/A	0	0%	N/A	6,461	28%	N/A	N/A	N/A
SEX & RACE											
Male	1,473	37%	53.0	73	92%	2.6	6,105	26%	219.5	2,781,585	50%
White male	245	6%	10.6	50	63%	2.2	1,716	7%	74.2	2,313,461	41%
Black male	821	21%	395.5	20	25%	9.6	2,288	10%	1102.2	207,582	4%
Hispanic male	22	1%	16.1	1	1%	0.7	207	1%	151.8	136,338	2%
Other male	27	1%	21.7	2	3%	1.6	147	1%	118.4	124,204	2%
Unknown male	358	9%	N/A	0	0%	N/A	1,747	7%	N/A	N/A	N/A
Female	2,459	62%	86.7	6	8%	0.2	17,180	74%	606.0	2,834,751	50%
White female	642	16%	27.1	4	5%	0.2	6,166	26%	259.9	2,372,238	42%
Black female	1,146	29%	569.8	2	3%	1.0	5,302	23%	2636.3	201,117	4%
Hispanic female	68	2%	52.0	0	0%	0.0	579	2%	442.8	130,748	2%
Other female	72	2%	55.1	0	0%	0.0	446	2%	341.4	130,648	2%
Unknown female	531	13%	N/A	0	0%	N/A	4,687	20%	N/A	N/A	N/A
Unknown sex - all races	5	<1%	N/A	0	0%	N/A	40	<1%	N/A	N/A	N/A
Age											
0-4 years	2	<1%	0.6	0	0%	0.0	3	<1%	0.9	337,908	6%
5-9 years	0	0%	0.0	0	0%	0.0	3	<1%	0.8	357,740	6%
10-14 years	35	1%	9.3	0	0%	0.0	250	1%	66.6	375,357	7%
15-19 years	1,180	30%	276.4	5	6%	1.2	8,396	36%	1966.4	426,980	8%
20-24 years	1,393	35%	336.1	15	19%	3.6	9,199	39%	2219.6	414,450	7%
25-29 years	607	15%	179.4	13	16%	3.8	3,093	13%	914.2	338,347	6%
30-34 years	318	8%	99.2	10	13%	3.1	1,297	6%	404.7	320,454	6%
35-39 years	150	4%	45.5	7	9%	2.1	537	2%	163.0	329,534	6%
40-44 years	105	3%	29.1	5	6%	1.4	250	1%	69.2	361,127	6%
45-54 years	95	2%	11.3	15	19%	1.8	197	1%	23.4	842,006	15%
55-64 years	38	1%	5.3	7	9%	1.0	49	<1%	6.8	716,752	13%
65 and over	8	<1%	1.0	0	0%	0.0	14	<1%	1.8	795,681	14%
Unknown age	6	<1%	N/A	0	0%	N/A	37	<1%	N/A	N/A	N/A
Total	3,937	100 %	70.1	79	100 %	1.4	23,325	100 %	415.3	5,616,336	100 %

* P&S: Primary and secondary syphilis.

^ Rate per 100,000 population.

Table 10: Sex, race, and risk among HIV infection cases currently living in Washtenaw County, Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	221	80%	116	61%	23	77%	11	85%	371	73%
Injection drug use (IDU)	11	4%	15	8%	<5	**	0	0%	27	5%
MSM/IDU	18	6%	7	4%	<5	**	0	0%	26	5%
Blood Products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual contact (HCFR)	<5	**	12	6%	<5	**	0	0%	18	4%
Perinatal	0	0%	<5	**	<5	**	0	0%	<5	**
Undetermined	20	7%	39	21%	<5	**	<5	**	63	12%
Male Subtotal	277	54 %	190	37 %	30	6 %	13	3 %	510	100 %

FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use (IDU)	9	29%	15	21%	0	0%	0	0%	24	21%
Blood products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual contact (HCM)	18	58%	48	68%	<5	**	6	100%	76	67%
Perinatal	0	0%	<5	**	<5	**	0	0%	<5	**
Undetermined	<5	**	7	10%	0	0%	0	0%	10	9%
Female Subtotal	31	27 %	71	63 %	5	4 %	6	5 %	113	100 %

ALL	White		Black		Hispanic		Other or unknown		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	221	72%	116	44%	23	66%	11	58%	371	60%
Injection drug use (IDU)	20	6%	30	11%	<5	**	0	0%	51	8%
MSM/IDU	18	6%	7	3%	<5	**	0	0%	26	4%
Blood products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual contact (HC)	22	7%	60	23%	6	17%	6	32%	94	15%
HCFR (male)	<5	**	12	5%	<5	**	0	0%	18	3%
HCM (female)	18	6%	48	18%	<5	**	6	32%	76	12%
Perinatal	0	0%	<5	**	<5	**	0	0%	<5	**
Undetermined	23	7%	46	18%	<5	**	<5	**	73	12%
RACE ALL	308	49 %	261	42 %	35	6 %	19	3 %	623	100 %

*<5 and *** = 1, 2, 3, or 4 cases.

Table 11: Sex, race, and risk among HIV infection cases currently living in Kent County, Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	358	82%	97	45%	54	50%	13	59%	522	67%
Injection drug use (IDU)	7	2%	23	11%	8	7%	0	0%	38	5%
MSM/IDU	30	7%	15	7%	9	8%	<5	**	56	7%
Blood products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual contact (HCFR)	9	2%	22	10%	8	7%	<5	**	42	5%
Perinatal	<5	**	5	2%	0	0%	0	0%	7	1%
Undetermined	30	7%	53	25%	28	26%	<5	**	115	15%
Male Subtotal	438	56 %	215	27 %	107	14 %	22	3 %	782	100 %
FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use (IDU)	5	10%	14	9%	<5	**	0	0%	23	10%
Blood products	0	0%	0	0%	0	0%	0	0%	0	0%
Heterosexual contact (HCM)	38	79%	113	76%	19	73%	7	100%	177	77%
Perinatal	0	0%	<5	**	<5	**	0	0%	6	3%
Undetermined	5	10%	18	12%	0	0%	0	0%	23	10%
Female Subtotal	48	21 %	148	65 %	26	11 %	7	3 %	229	100 %
ALL	White		Black		Hispanic		Other or unknown		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-Male sex (MSM)	358	74%	97	27%	54	41%	13	45%	522	52%
Injection drug use (IDU)	12	2%	37	10%	12	9%	0	0%	61	6%
MSM/IDU	30	6%	15	4%	9	7%	<5	**	56	6%
Blood products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual contact (HC)	47	10%	135	37%	27	20%	10	34%	219	22%
HCFR (male)	9	2%	22	6%	8	6%	<5	**	42	4%
HCM (female)	38	8%	113	31%	19	14%	7	24%	177	18%
Perinatal	<5	**	8	2%	<5	**	0	0%	13	1%
Undetermined	35	7%	71	20%	28	21%	<5	**	138	14%
RACE ALL	486	48 %	363	36 %	133	13 %	29	3 %	1011	100 %

*<5 and *** = 1, 2, 3, or 4 cases.

Table 12: Sex, race, and risk among HIV infection cases currently living in Ingham County, Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	168	78%	50	52%	18	67%	9	43%	245	68%
Injection drug use (IDU)	7	3%	7	7%	<5	**	<5	**	20	6%
MSM/IDU	20	9%	8	8%	<5	**	<5	**	31	9%
Blood products	<5	**	<5	**	0	0%	0	0%	6	2%
Heterosexual contact (HCFR)	<5	**	9	9%	0	0%	<5	**	12	3%
Perinatal	0	0%	0	0%	0	0%	0	0%	0	0%
Undetermined	15	7%	21	22%	<5	**	6	29%	46	13%
Male Subtotal	215	60 %	97	27 %	27	8 %	21	6 %	360	100 %

FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use (IDU)	<5	**	9	14%	<5	**	0	0%	15	15%
Blood products	0	0%	0	0%	0	0%	0	0%	0	0%
Heterosexual contact (HCM)	21	78%	46	72%	<5	**	<5	**	71	72%
Perinatal	0	0%	<5	**	0	0%	0	0%	<5	**
Undetermined	<5	**	8	13%	0	0%	<5	**	11	11%
Female Subtotal	27	28 %	64	65 %	<5	**	<5	**	98	100 %

ALL	White		Black		Hispanic		Other or unknown		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	168	69%	50	31%	18	58%	9	38%	245	53%
Injection drug use (IDU)	11	5%	16	10%	6	19%	<5	**	35	8%
MSM/IDU	20	8%	8	5%	<5	**	<5	**	31	7%
Blood products	<5	**	<5	**	0	0%	0	0%	6	1%
Heterosexual contact (HC)	22	9%	55	34%	<5	**	<5	**	83	18%
HCFR (male)	<5	**	9	6%	0	0%	<5	**	12	3%
HCM (female)	21	9%	46	29%	<5	**	<5	**	71	16%
Perinatal	0	0%	<5	**	0	0%	0	0%	<5	**
Undetermined	17	7%	29	18%	<5	**	7	29%	57	12%
RACE ALL	242	53 %	161	35 %	31	7 %	24	5 %	458	100 %

*<5 and *** = 1, 2, 3, or 4 cases.

Table 13: Sex, race, and risk among HIV infection cases currently living in Berrien County, Michigan, 2012

MALE	White		Black		Hispanic		Other or unknown		All male	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	53	77%	34	39%	5	33%	0	0%	92	53%
Injection drug use (IDU)	<5	**	7	8%	<5	**	0	0%	11	6%
MSM/IDU	6	9%	<5	**	<5	**	0	0%	11	6%
Blood products	<5	**	<5	**	0	0%	0	0%	<5	**
Heterosexual contact (HCFR)	<5	**	12	14%	<5	**	<5	**	17	10%
Perinatal	0	0%	<5	**	0	0%	0	0%	<5	**
Undetermined	<5	**	28	32%	7	47%	0	0%	38	22%
Male Subtotal	69	40 %	87	51 %	15	9 %	< 5	**	172	100 %

FEMALE	White		Black		Hispanic		Other or unknown		All female	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Injection drug use (IDU)	<5	**	6	10%	<5	**	<5	**	10	12%
Blood products	0	0%	0	0%	0	0%	0	0%	0	0%
Heterosexual contact (HCM)	11	69%	42	69%	<5	**	<5	**	55	68%
Perinatal	0	0%	0	0%	0	0%	0	0%	0	0%
Undetermined	<5	**	13	21%	0	0%	0	0%	16	20%
Female Subtotal	16	20 %	61	75 %	< 5	**	< 5	**	81	100 %

ALL	White		Black		Hispanic		Other or unknown		Risk all	
	Num	Percent	Num	Percent	Num	Percent	Num	Percent	Num	Percent
Male-male sex (MSM)	53	62%	34	23%	5	29%	0	0%	92	36%
Injection drug use (IDU)	5	6%	13	9%	<5	**	<5	**	21	8%
MSM/IDU	6	7%	<5	**	<5	**	0	0%	11	4%
Blood products	<5	**	<5	**	0	0%	0	0%	<5	**
Heterosexual contact (HC)	14	16%	54	36%	<5	**	<5	**	72	28%
HCFR (male)	<5	**	12	8%	<5	**	<5	**	17	7%
HCM (female)	11	13%	42	28%	<5	**	<5	**	55	22%
Perinatal	0	0%	<5	**	0	0%	0	0%	<5	**
Undetermined	6	7%	41	28%	7	41%	0	0%	54	21%
RACE ALL	85	34 %	148	58 %	17	7 %	< 5	**	253	100 %

*<5 and *** = 1, 2, 3, or 4 cases.