

**TABLE 1: Characteristics of JACKSON CO. Residents Living with HIV or AIDS as of October 1, 2007**

	Estimate of HIV Prevalence <sup>1</sup>	Reported Living with AIDS <sup>2</sup>		Reported Living with HIV not AIDS <sup>2</sup>	
		Number	Percent	Number	Percent
JACKSON CO. TOTAL	<b>150</b>	57	100%	55	100%
<b>SEX</b>					
Male	<b>120</b>	50	88%	43	78%
Female	<b>30</b>	7	12%	12	22%
<b>BEHAVIOR</b>					
Male-Male sex	<b>80</b>	34	60%	25	45%
Injecting Drug Use	<b>10</b>	<5	*	<5	*
Male-Male Sex/IDU	<b>10</b>	<5	*	<5	*
Blood Products	<b>10</b>	<5	*	<5	*
Heterosexual <sup>3</sup>	<b>30</b>	9	16%	14	25%
<i>HRH</i>	<b>20</b>	6	11%	11	20%
<i>PH-Female</i>	<b>10</b>	<5	*	<5	*
Perinatal	<b>10</b>	0	0%	<5	*
Undetermined <sup>4</sup>	<b>20</b>	9	16%	9	16%
<i>PH-Male</i>	<b>20</b>	6	11%	7	13%
<i>Unknown</i>	<b>10</b>	<5	*	<5	*
<b>AGE AT HIV DIAGNOSIS</b>					
0 -12 years	<b>10</b>	0	0%	<5	*
13 -19 years	<b>10</b>	<5	*	<5	*
20 -24 years	<b>20</b>	6	11%	12	22%
25 -29 years	<b>30</b>	13	23%	9	16%
30 -39 years	<b>50</b>	21	37%	18	33%
40 -49 years	<b>20</b>	7	12%	7	13%
50 -59 years	<b>10</b>	7	12%	<5	*
60 years and over	<b>10</b>	<5	*	0	0%
Unspecified	Not Applicable	0	0%	0	0%
<b>RACE / ETHNICITY</b>					
White, Non-Hisp.	<b>120</b>	48	84%	41	75%
Black, Non-Hisp.	<b>30</b>	8	14%	13	24%
Hispanic	<b>10</b>	<5	*	<5	*
Asian	<b>10</b>	0	0%	0	0%
American Indian	<b>10</b>	0	0%	0	0%
Unspecified/Other/Multi-race	Not Applicable	0	0%	0	0%

1. This estimate includes all persons living in JACKSON CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '\*' = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

**Table 2: Jackson County Residents Living with HIV Infection by City,  
 as of 10/1/2007**

City	Estimate of HIV Prevalence <sup>2</sup>	HIV or AIDS <sup>1</sup>	
		Number	Percent
<b>Jackson Co.</b>	<b>150</b>	<b>112</b>	<b>100%</b>
Brooklyn	10	<5	*
Cement City	10	<5	*
Concord	10	<5	*
Grass Lake	10	<5	*
Jackson	120	89	79%
Michigan Center	10	<5	*
Munith	10	<5	*
Parma	10	<5	*
Pleasant Lake	10	<5	*
Rives Junction	10	<5	*
Spring Arbor	10	<5	*
Springport	10	<5	*
Unknown	Not applicable	<5	*

1. Reports that contain patient name or are otherwise unduplicated.

2. This estimate includes all persons living with HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that the numbers are only rounded at the at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

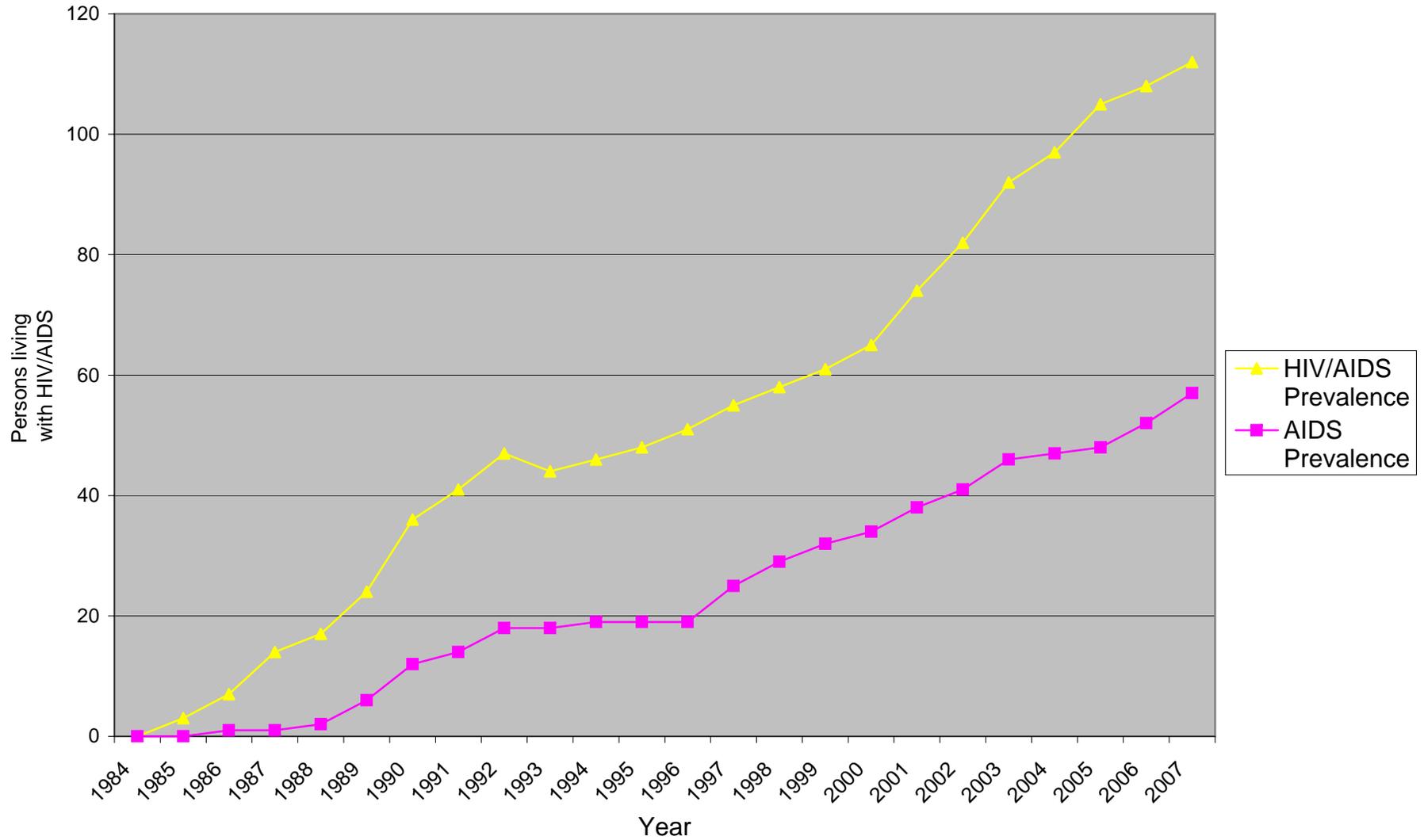
**Table 3: Jackson County HIV/AIDS Prevalence  
 through October 1, 2007**

Year	HIV/AIDS Deaths/Year	HIV Incidence	AIDS Incidence	HIV/AIDS Prevalence	AIDS Prevalence
1981	0	0	0	0	0
1982	0	0	0	0	0
1983	0	0	0	0	0
1984	0	0	0	0	0
1985	0	3	0	3	0
1986	2	6	3	7	1
1987	0	7	0	14	1
1988	1	4	2	17	2
1989	3	10	7	24	6
1990	1	13	7	36	12
1991	3	8	5	41	14
1992	4	10	7	47	18
1993	6	3	6	44	18
1994	7	9	8	46	19
1995	6	8	6	48	19
1996	9	12	8	51	19
1997	4	8	9	55	25
1998	3	6	7	58	29
1999	1	4	4	61	32
2000	2	6	3	65	34
2001	3	12	7	74	38
2002	1	9	4	82	41
2003	4	14	8	92	46
2004	1	6	1	97	47
2005	0	8	1	105	48
2006	1	4	4	108	52
2007	0	4	5	112	57
<b>TOTAL</b>	<b>62</b>	<b>174</b>	<b>112</b>		

\*\*\*Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 112 persons through October 1, 2007\*\*\*

\*\*\*Reported AIDS prevalence (all persons currently living with an AIDS diagnosis & note this is a subset of the HIV/AIDS prevalence listed above) is 57 persons through October 1, 2007\*\*\*

# Prevalence of Jackson County residents living with HIV/AIDS and AIDS



Information based on the October 1, 2007 Michigan Quarterly HIV/AIDS Analysis

Residence at time of diagnosis	Estimate of HIV Prevalence	Persons living with AIDS	Persons living with HIV not AIDS	Persons ever diagnosed with AIDS	Reported prevalence rate
Jackson County	150	57	55	112	68
Michigan Total	17,000	6,904	6,244	15,455	130

**Note:** This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed.

Rates are calculated per 100,000 population in 2000.

Data includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

**TABLE 4: Characteristics of JACKSON CO. Residents Living with HIV or AIDS as of October 1, 2007**

	Estimate of HIV Prevalence <sup>1</sup>	Reported Living with HIV/AIDS <sup>2</sup>	
		Number	Percent
JACKSON CO. TOTAL	150	112	100%
SEX			
Male	120	93	83%
Female	30	19	17%
BEHAVIOR			
Male-Male sex	80	59	53%
Injecting Drug Use	10	5	4%
Male-Male Sex/IDU	10	<5	*
Blood Products	10	<5	*
Heterosexual <sup>3</sup>	30	23	21%
HRH	20	17	15%
PH-Female	10	6	5%
Perinatal	10	<5	*
Undetermined <sup>4</sup>	20	18	16%
PH-Male	20	13	12%
Unknown	10	5	4%
AGE AT HIV DIAGNOSIS			
0 -12 years	10	<5	*
13 -19 years	10	<5	*
20 -24 years	20	18	16%
25 -29 years	30	22	20%
30 -39 years	50	39	35%
40 -49 years	20	14	13%
50 -59 years	10	11	10%
60 years and over	10	<5	*
Unspecified	Not Applicable	0	0%
RACE / ETHNICITY			
White, Non-Hisp.	120	89	79%
Black, Non-Hisp.	30	21	19%
Hispanic	10	<5	*
Asian	10	0	0%
American Indian	10	0	0%
Unspecified/Other/Multi-race	Not Applicable	0	0%

1. This estimate includes all persons living in JACKSON CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and "\*" = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

**TABLE 5: Jackson Co. Residents Reported Living with HIV or AIDS:  
 Sex by Race by Behavior**

<b>MALES:</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Male-Male Sex	52	72%	5	26%	<5	*	59	63%
Injecting Drug Use	<5	*	<5	*	0	0%	5	5%
Male-Male Sex/IDU	<5	*	<5	*	0	0%	<5	*
Blood Recipient	<5	*	<5	*	0	0%	<5	*
Heterosexual <sup>1</sup>	<5	*	<5	*	0	0%	5	5%
Perinatal	0	0%	0	0%	0	0%	0	0%
Undetermined <sup>2</sup>	10	14%	8	42%	0	0%	18	19%
<i>PH-Male</i>	7	10%	6	32%	0	0%	13	14%
<i>Unknown</i>	<5	*	<5	*	0	0%	5	5%
<b>Male Subtotal</b>	<b>72</b>	<b>77%</b>	<b>19</b>	<b>20%</b>	<b>&lt;5</b>	<b>*</b>	<b>93</b>	<b>100%</b>
<b>FEMALES:</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Injecting Drug Use	0	0%	0	0%	0	0%	0	0%
Blood Recipient	0	0%	0	0%	0	0%	0	0%
Heterosexual <sup>1</sup>	16	94%	<5	*	0	0%	18	95%
<i>HRH</i>	11	65%	<5	*	0	0%	12	63%
<i>PH-Female</i>	5	29%	<5	*	0	0%	6	32%
Perinatal	<5	*	0	0%	0	0%	<5	*
Undetermined <sup>2</sup>	0	0%	0	0%	0	0%	0	0%
<b>Female Subtotal</b>	<b>17</b>	<b>89%</b>	<b>&lt;5</b>	<b>*</b>	<b>0</b>	<b>0%</b>	<b>19</b>	<b>100%</b>
<b>Total</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Male-Male Sex	52	58%	5	24%	<5	*	59	53%
Injecting Drug Use	<5	*	<5	*	0	0%	5	4%
Male-Male Sex/IDU	<5	*	<5	*	0	0%	<5	*
Blood Recipient	<5	*	<5	*	0	0%	<5	*
Heterosexual <sup>1</sup>	20	22%	<5	*	0	0%	23	21%
<i>HRH</i>	15	17%	<5	*	0	0%	17	15%
<i>PH-Female</i>	5	6%	<5	*	0	0%	6	5%
Perinatal	<5	*	0	0%	0	0%	<5	*
Undetermined <sup>2</sup>	10	11%	8	38%	0	0%	18	16%
<i>PH-Male</i>	7	8%	6	29%	0	0%	13	12%
<i>Unknown</i>	<5	*	<5	*	0	0%	5	4%
<b>GRAND TOTAL</b>	<b>89</b>	<b>79%</b>	<b>21</b>	<b>19%</b>	<b>&lt;5</b>	<b>*</b>	<b>112</b>	<b>100%</b>

1. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown. \*\*In the male subset, all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males.

2. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk. \*\*In the female subset, all cases in the undetermined category of unknown risk because the PH-Male category is not applicable to females.

NOTE: Includes reports that contain patient name or are otherwise unduplicated. <5 and '\*' = 1, 2, 3, or 4 cases.