

**MICHIGAN UNMET NEED ESTIMATE AND ASSESSMENT
 RYAN WHITE CARE ACT TITLE II: FY2007 GRANT APPLICATION**

**Section 1. Demographics of Persons with Met Need Compared to Persons with Unmet Need,
 Michigan, as of October 1, 2006¹**

Sex	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
Male	5,661	77%	4,083	77%	9,744	77%
Female	1,690	23%	1,190	23%	2,880	23%
Total	7,351	100%	5,273	100%	12,624	100%

Mode of Transmission	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
MSM	3,684	50%	2,251	43%	5,935	47%
IDU	825	11%	870	16%	1,695	13%
MSM/IDU	333	5%	309	6%	642	5%
Blood Recipient	87	1%	64	1%	151	1%
Heterosexual Partner at High Risk	1,067	15%	610	12%	1,677	13%
Perinatal	111	2%	40	1%	151	1%
Undetermined	1,244	17%	1,129	21%	2,373	19%
<i>Presumed Heterosexual</i>	994	14%	812	15%	1,806	14%
<i>No Identified Risk</i>	250	3%	317	6%	567	4%
Total	7,351	100%	5,273	100%	12,624	100%

Age at HIV Diagnosis	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
0 - 12 yrs	119	2%	51	1%	170	1%
13 - 19 yrs	219	3%	186	4%	405	3%
20 - 24 yrs	780	11%	716	14%	1,496	12%
25 - 29 yrs	1,221	17%	967	18%	2,188	17%
30 - 34 yrs	1,429	19%	1,080	20%	2,509	20%
35 - 39 yrs	1,383	19%	926	18%	2,309	18%
40 - 44 yrs	1,018	14%	620	12%	1,638	13%
45 - 49 yrs	575	8%	363	7%	938	7%
50 - 54 yrs	353	5%	198	4%	551	4%
55 - 59 yrs	154	2%	99	2%	253	2%
60 - 64 yrs	61	1%	38	1%	99	1%
65 and over	39	1%	26	0%	65	1%
Unknown	0	0%	3	<1%	3	<1%
Total	7,351	100%	5,273	100%	12,624	100%

Current age, as of January 1, 2006	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
0 - 12 years	53	1%	20	<1%	73	1%
13 - 19 years	93	1%	36	1%	129	1%
20 - 29 years	674	9%	479	9%	1,153	9%
30 - 39 years	1,895	26%	1,510	29%	3,405	27%
40 - 49 years	2,812	38%	1,949	37%	4,761	38%
50 - 54 years	953	13%	645	12%	1,598	13%
55 - 59 years	502	7%	358	7%	860	7%
60 - 64 years	227	3%	163	3%	390	3%
65 and over	142	2%	110	2%	252	2%
Unknown	0	0%	3	<1%	3	<1%
Total	7,351	100%	5,273	100%	12,624	100%

Race/Ethnicity	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
White, Non-Hispanic	2,795	38%	1,914	36%	4,709	37%
Black, Non-Hispanic	4,175	57%	2,978	56%	7,153	57%
Hispanic	269	4%	272	5%	541	4%
Asian/Pacific Islander	31	0%	30	1%	61	0%
American Indian	23	0%	18	0%	41	0%
Unspecified/Multi-Race	58	1%	61	1%	119	1%
Total	7,351	100%	5,273	100%	12,624	100%

Current Residence ²	Met Need		Unmet Need		Total	
	Number	Percent	Number	Percent	Number	Percent
Southeast Michigan/Detroit MSA (Lapeer Co., Macomb Co., Monroe Co., Oakland Co., St. Clair Co., Wayne Co.)	4,945	67%	3,174	60%	8,119	64%
Out-State Michigan	2,398	33%	2,086	40%	4,484	36%
<i>Ann Arbor PMSA (Washtenaw Co.)</i>	253	3%	189	4%	442	4%
<i>Benton Harbor MSA (Berrien Co.)</i>	119	2%	99	2%	218	2%
<i>Flint MSA (Genesee Co.)</i>	264	4%	225	4%	489	4%
<i>Grand Rapids—Muskegon—Holland MSA (Allegan Co., Kent Co., Muskegon Co., Ottawa Co.)</i>	678	9%	432	8%	1,110	9%
<i>Jackson MSA (Jackson Co.)</i>	146	2%	204	4%	350	3%
<i>Kalamazoo—Battle Creek MSA (Kalamazoo Co., Calhoun Co.)</i>	220	3%	164	3%	384	3%
<i>Lansing—East Lansing MSA (Clinton Co., Eaton Co., Ingham Co.)</i>	139	2%	318	6%	457	4%
<i>Saginaw—Bay City—Midland MSA (Saginaw Co., Bay Co., Midland Co.)</i>	134	2%	110	2%	244	2%
<i>Rural Counties (all other Michigan counties)</i>	445	6%	345	7%	790	6%
Unknown	8	<1%	13	<1%	21	<1%
Total	7,351	100%	5,273	100%	12,624	100%

¹These tables compare persons with met need and unmet need. Characteristics with unequal percentages across columns have disproportionate met or unmet need. For example, need is disproportionate by HIV transmission category since 11 percent of those with met need are injection drug users (IDU) whereas 16 percent of those with unmet need are IDUs. Overall, 13 percent of all persons are IDUs. If medical need were equally distributed according to transmission category, there would be an equal proportion of IDU among persons with met need, unmet need, and overall.

²Metropolitan statistical areas (MSAs) are defined by the U.S. Office of Management and Budget (OMB) and are the result of the application of published standards to Census Bureau data. A MSA is one or more counties with at least one urbanized area that has a population of at least 50,000. The MSA comprises the central county or counties containing the urbanized area, plus adjacent outlying counties having a high degree of social and economic integration with the central county as measured through commuting (www.census.gov). Using these federal definitions, MDCH established the categories of urban counties shown in sections 1 and 2.

Section 2. Percent Unmet Need Among Demographic Groups Michigan, as of October 1, 2006³

	Number Unmet Need	Percent Unmet Need
Sex		
Male	4,083	42%
Female	1,190	41%
Mode of Transmission		
MSM	2,251	38%
IDU	870	51%
MSM/IDU	309	48%
Blood Recipient	64	42%
Heterosexual Partner at High Risk	610	36%
Perinatal	40	26%
Undetermined	1,129	48%
<i>Presumed Heterosexual</i>	812	45%
<i>No Identified Risk</i>	317	56%
Age at HIV Diagnosis		
0 - 12 yrs	51	30%
13 - 19 yrs	186	46%
20 - 24 yrs	716	48%
25 - 29 yrs	967	44%
30 - 34 yrs	1,080	43%
35 - 39 yrs	926	40%
40 - 44 yrs	620	38%
45 - 49 yrs	363	39%
50 - 54 yrs	198	36%
55 - 59 yrs	99	39%
60 - 64 yrs	38	38%
65 and over	26	40%
Current age, as of January 1, 2006		
0 - 12 years	20	27%
13 - 19 years	36	28%
20 - 29 years	479	42%
30 - 39 years	1,510	44%
40 - 49 years	1,949	41%
50 - 54 years	645	40%
55 - 59 years	358	42%
60 - 64 years	163	42%
65 and over	110	44%
Race/Ethnicity		
White, Non-Hispanic	1,914	41%
Black, Non-Hispanic	2,978	42%
Hispanic	272	50%
Asian/Pacific Islander	30	49%
American Indian	18	44%
Current Residence		
Southeast Michigan/Detroit MSA (Lapeer Co., Macomb Co., Monroe Co., Oakland Co., St. Clair Co., Wayne Co.)	3,174	39%
Out-State Michigan	2,086	47%

<i>Ann Arbor PMSA (Washtenaw Co.)</i>	189	43%
<i>Benton Harbor MSA (Berrien Co.)</i>	99	45%
<i>Flint MSA (Genesee Co.)</i>	225	46%
<i>Grand Rapids—Muskegon—Holland MSA (Allegan Co., Kent Co., Muskegon Co., Ottawa Co.)</i>	432	39%
<i>Jackson MSA (Jackson Co.)</i>	204	58%
<i>Kalamazoo—Battle Creek MSA (Kalamazoo Co., Calhoun Co.)</i>	164	43%
<i>Lansing—East Lansing MSA (Clinton Co., Eaton Co., Ingham Co.)</i>	318	70%
<i>Saginaw—Bay City—Midland MSA (Saginaw Co., Bay Co., Midland Co.)</i>	110	45%
<i>Rural Counties (all other Michigan counties)</i>	345	44%

³Section 2 shows the number and percentage of persons with unmet need in each category. The number of persons with unmet need can be calculated by applying the percentages above in Section 2 to the column totals—the number of persons overall in each category—in Section 1.