

Health Status of MI women ages 18-44 years
(Rates in percent unless otherwise noted)

Indicator	2005	2009	2010	Change*
Health: Excellent, very good or good ¹	90.4 (88.9-91.6)	90.3 (88.0-92.2)	88.3 (85.6-90.5)	
HS graduate or more ¹	91.6 (90.1-92.9)	95.2 (93.5-96.5)	94.1 (91.9-95.7)	
Poverty (<= 200% FPL) ²	33.6 (33.0-34.1)		39.1 (39.0- 39.2)	Increase
Healthcare coverage ¹	86.4 (84.7-87.9)	80.5 (81.7-87.0)	84.5 (81.2-87.3)	
Pre-pregnancy health care coverage ³	77.6 (74.7-80.1)	80.7 (78.2-83.0)		
Routine checkup past year ¹	71.8 (69.7-73.8)	70.3 (67.1-73.3)	62.5 (58.8-66.1)	Decrease
Postpartum checkup ³	NA	88.0 (85.9 -89.8)		
Dental care	NA	58.0 (55.1-60.9)		
Pap test past 3 yrs ¹	NA		82.9 (79.1-86.2)	
Preconception counseling ³	NA	30.6 (27.9-33.3)		
Previous pre-term birth ³	14.5 (11.8-17.6)	15.0 (12.6-17.9)		
Inter-pregnancy interval < 18 months ⁴		34.0 (33.6-34.3)	33.9 (33.6-34.3)	
Unintended pregnancy ³	40.5 (37.5-43.7)	42.8 (40.0-45.7)		
Not trying to get pregnant and not using contraceptives before this pregnancy ³	27.0 (24.2-29.9)	30.4 (27.8-33.2)		
Postpartum contraceptive use ³	84.4 (82.0-86.6)	86.2 (84.0-88.1)		
Infertility treatment ³	NA	4.0 (3.0-5.3)		
Smoking ¹	24.9 (23.0-26.9)	20.6 (18.1-23.4)	19.5 (16.9-22.5)	Decrease
Pre-pregnancy smoking ³	28.5 (25.5-31.2)	33.1 (30.3-36.0)		
Heavy drinking ¹	5.0 (4.6-6.8)	4.7 (3.2-6.1)	5.6 (4.0-7.6)	
Binge drinking ¹	14.9 (13.3-16.7)	15.6 (13.2-18.2)	15.2 (12.7-18.0)	
Pre-pregnancy drinking ³	58.0 (54.8-61.1)	66.2 (63.4-68.9)		Increase
Pre-pregnancy binge drinking ³	30.8 (27.5-34.4)	48.4 (44.7-52.1)		Increase
Household smoking ³	N/A	9.9 (8.3-11.8)		
Adequate fruit & vegetable consumption ¹	24.2 (22.3-26.3)	23.2 (20.5-26.2)		
Overweight ¹	26.4 (24.5-28.6)	23.9 (21.0-27.0)	24.9 (21.8-28.3)	
Obese ¹	22.2 (20.4-24.2)	29.2 (26.2-32.4)	30.5 (27.2-34.0)	Increase
Pre-pregnancy overweight ³	22.4 (19.9-25.1)	24.0 (21.6-26.6)		
Pre-pregnancy obese ³	24.1 (21.5-26.9)	22.1 (19.8-24.6)		
Pre-pregnancy multivitamin use ³	27.8 (25.2-30.7)	27.6 (25.0-30.3)		

Adequate physical activity¹	53.4 (51.1-55.7)	54.3 (50.8-57.7)		
Poor Mental Health¹	12.9 (11.5-14.5)	14.9 (12.6-17.7)	14.6 (12.2-17.5)	
Checked or treated for anxiety or depression³	N/A	15.1 (13.0-17.4)		
Postpartum depression	NA	12.0 (10.2-14.0)		
Pre-pregnancy physical abuse³	6.1 (4.6-7.9)	2.9 (2.1-4.0)		
Emotional support¹	94.4 (93.2-95.4)	95.0 (93.4-96.2)	94.1 (91.8-95.8)	
Diabetes¹	2.4 (1.8-3.1)	3.3 (2.3-4.7)	2.9 (2.1-4.3)	
Pre-pregnancy diabetes³	NA	2.7 (1.9-3.8)		
Hypertension¹	8.3 (7.2-9.5)	9.4 (7.8-11.3)		
Pre-pregnancy Hypertension³	NA	4.3 (3.3-5.5)		
Asthma¹	12.1 (10.7-13.7)	12.9 (10.8-15.3)		
Gonorrhea (per 100,000)⁵	404 (395-413)	422 (412-432)	381 (372-391)	Decrease
Chlamydia (per 100,000)⁵	1192 (1177-1207)	1634 (1615-1653)	1718 (1698-1738)	Increase
Flu Vaccine in past year¹	14.5 (13.0-16.1)	26.7 (23.9-29.8)	29.6 (26.4-33.3)	Increase

* Statistically significant change. The color of the font indicates if the change is an improvement (green) or if it is not an improvement (red). The numbers with in the brackets is the 95% confidence interval, this is especially important when the indicator is from a survey or a sample of the population. For example, from the BRFSS 30.5% of women are obese, but this number is from a survey of some, not all Michigan women. Therefore this number is an estimate of the prevalence of obesity for all Michigan women and the true value is very likely to be between 27.5% and 34%. If we compare obesity in 2010 to 2009, we see that it has increased, but if we look at the confidence intervals overlap, which means that that the increase is very likely to be due to chance. However, comparing 2010 to 2005 there is an increase and there is no overlap of the confidence intervals, so we can say that compared to 2005 the prevalence of obesity has increased significantly among Michigan women.

1. MI BRFS
2. American Community Survey US. Census
3. MI PRAMS
4. MI Vital Records and Health Statistics
5. MDSS