

**Minnesota's Prepaid Medical Assistance Project Plus (PMAP+) §1115 Waiver Evaluation
Interim Report**

For Demonstration Extension Period of July 1, 2008 through June 30, 2011

**Minnesota's PMAP+ §1115 Waiver Evaluation
March 2010 Interim Update**

Evaluation Analysis Update - March 2010

As indicated in the Waiver Evaluation Plan, DHS has completed the data collection and interim review of the 20 Waiver Evaluation HEDIS performance measures for the PMAP and MinnesotaCare programs. The PMAP and MinnesotaCare program rates for calendar years 2005 through 2008 have been calculated and are discussed in this update. The November 2010 Update will present the final evaluation year's performance measurement results for the Waiver and comparison populations based on HEDIS 2010 Technical Specifications. The final evaluation report submitted April 1, 2011 will provide conclusions on the evaluation for calendar years 2008 and 2009.

The selected HEDIS performance measures are extracted from DHS' managed care encounter database to evaluate the childhood prevention, adult chronic disease care management and care provided to pregnant women for the waiver population compared to all PMAP and MinnesotaCare enrollees.¹ The Evaluation populations consist of three subgroups:

- Children age 0 to 19 years in MinnesotaCare with income at or below 275% FPG.
- Parents (caretakers) with income at or below 275% FPG with children enrolled in MinnesotaCare or Medical Assistance.
- Pregnant women enrolled in MinnesotaCare with income at or below 275% FPG.

The table below provides a list of the annual HEDIS 2010 performance measures that will be analyzed in the evaluation.

Childhood Prevention (0-19 yrs.)
Childhood immunizations (2 yrs)
Child access to PCP (age groups 12-24 mos; 25 mos-6 yrs; 7-11 yrs; 12-19 yrs)
Annual Dental Visit (age groups 2-3 yrs; 4-6 yrs; 7-10 yrs; 11-14 yrs; 15-18 yrs)
Well-child visits first 15 months
Well-child visits 3 to 6 yrs
Adolescent well-care visits (12-19 yrs)
Adult Chronic Care Management (Parents of children)
Diabetes A1c screening
Diabetes LDL screening
Adult access preventive/ambulatory health services
Cervical Cancer screening
Pregnant Women Care
Postpartum Care

¹ For the Childhood immunization performance measure a statewide immunization registry will be used to augment DHS managed care encounters.

This set of HEDIS performance measures is expected to demonstrate the ongoing quality improvement provided by the contracted managed care organizations. The waiver hypothesis is; providing health care coverage for parents and caretaker adults who would otherwise be uninsured will lead to three outcomes: 1) improved utilization of preventative and chronic disease care services, 2) improved physical and, 3) mental health and satisfaction of adults and their children. The quantifiable target goal for all three outcomes will be to provide comparable access and quality of prevention and chronic disease care to the waiver populations as compared to Minnesota's other managed care public program enrollees.

As seen in Attachment A, comparison population performance rates for the baseline period (calendar years 2005 through 2007), and first year of the waiver period (calendar year 2008) have been calculated. In addition, national benchmarks obtained from NCQA's Medicaid Quality Compass have been included to compare performance of the Waiver and public programs populations (PMAP and MinnesotaCare). The blank cells in the Tables will be completed by November and it is expected the Waiver population result will parallel PMAP and MinnesotaCare results demonstrating ongoing improvement.

Summary of Comparison Population Results- Calendar Years 2005 through 2008

1. **PMAP and MinnesotaCare vs. National Medicaid Averages.** The first comparison is of how well Minnesota's public program enrollees are doing compared to the National Medicaid average. As demonstrated in Attachment A's Childhood Prevention Tables (1-14), the majority (9 out of 14) PMAP and MinnesotaCare rates from calendar years 2005 through 2008 are above the National Medicaid averages. Likewise, 3 of the 6 Adult and Postpartum measures (Tables 15-20) were above the Medicaid average, however two (PMAP LDL screening and PMAP/MinnesotaCare postpartum) measures were lower than the National Medicaid averages.
2. **Calendar Years 2005 through 2008 Trend.** Historical trends can provide insight into improvements that take time to be realized. Attachment A Tables show improved rates in 15 of the 20 PMAP and MinnesotaCare measures, 5 measures remain stable and only two rates (MinnesotaCare's cervical cancer screening and postpartum rates) showed a decreasing trend (3 and 1.5 percentage points respectively) since 2005.
3. **PMAP vs. MinnesotaCare.** It has been a general understanding PMAP and MinnesotaCare enrollees utilize services somewhat differently when measured by certain performance measures. It is important to recognize these differences since they may influence the final analysis. Out of the 14 Childhood Prevention measures, eight of the average individual measurement rates (2005 - 2008) were approximately the same, the difference less than two percentage points between PMAP and MinnesotaCare. The other six Childhood average rates were lower than the averages for the MinnesotaCare population. The Adult measures demonstrated more pronounced differences in average rates, half of the PMAP average rates were higher than MinnesotaCare rates, and half were lower.
4. **Baseline Years vs. First Waiver Year.** It is expected the Evaluation performance measures will display increasing rates for evaluation calendar years of 2008 and 2009 over the baseline years of 2005, 2006 and 2007. The comparison population baseline year averages have been compared to the first evaluation year's rates illustrating the following:
 - The majority (9 of 14 measures) of the Children's measurements for the first evaluation year were higher than the average baseline rates. The remaining 5 measures were

approximately the same (difference less than 2 percentage points) as the average three year baseline rates.

- The Adult measures were not as encouraging with three measures greater than the baseline average and three that were about the same. It is interesting that two MinnesotaCare rates (A1C screening and Cervical cancer screening) were lower than the three year average baseline rates.

The waiver population baseline and evaluation period measures and comparison populations for calendar year 2009 have been left blank in the attached tables and will be calculated and analyzed from June through December 2010 using HEDIS 2010 Technical Specifications. The November update will include the complete final data set.

Attachment A: 1115 Waiver Evaluation Performance Measures Tables²

Table # 1

Childhood Prevention Tables

Childhood Immunizations (2 yrs) Combo 2	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		54.9	51.1	70.4
CY 2006		55.3	54.8	73.4
CY 2007		59.2	58.5	72.3
CY 2008		65.4	64.0	73.7
CY 2009				

Table # 2

Childhood Immunizations (2 yrs) Combo 3	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		31.6	29.6	42.5
CY 2006		48.9	47.7	60.9
CY 2007		55.3	55.6	65.6
CY 2008		61.7	59.4	67.6
CY 2009				

Table # 3

Child Access to PCP (12-24 mos.)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		98.5	98.5	92.4
CY 2006		98.5	98.1	94.1
CY 2007		98.7	98.6	93.4
CY 2008		98.8	98.1	95.0
CY 2009				

Table # 4

Child Access to PCP (25 mos-6 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		91.3	91.7	82.8
CY 2006		91.9	91.8	84.9
CY 2007		91.5	92.4	84.3
CY 2008		92.8	91.8	87.2
CY 2009				

Table # 5

Child Access to PCP (7-11 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		90.0	91.6	82.9
CY 2006		91.4	92.2	85.9
CY 2007		91.3	91.7	85.8
CY 2008		91.9	92.2	87.8
CY 2009				

² Blank cells will be completed with rates based on HEDIS 2010 Technical Specifications.

Attachment A: 1115 Waiver Evaluation Performance Measures Tables

Table # 6

Child Access to PCP (12-19 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		90.2	92.5	80.5
CY 2006		91.0	92.8	83.2
CY 2007		91.0	93.2	82.6
CY 2008		91.9	93.5	85.3
CY 2009				

Table # 7

Annual Dental Visit (2-3 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		23.9	24.2	³
CY 2006		25.2	25.7	³
CY 2007		27.4	28.0	³
CY 2008		29.0	29.5	27.6
CY 2009				

Table # 8

Annual Dental Visit (4-6 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		60.1	68.9	47.5
CY 2006		61.7	69.2	50.0
CY 2007		62.5	73.4	52.0
CY 2008		64.8	73.1	52.4
CY 2009				

Table # 9

Annual Dental Visit (7-10 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		62.0	75.5	49.3
CY 2006		62.7	77.2	51.9
CY 2007		65.2	79.9	54.0
CY 2008		66.1	80.7	55.7
CY 2009				

Table # 10

Annual Dental Visit (11-14 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		55.6	72.6	44.3
CY 2006		56.6	73.8	46.6
CY 2007		59.6	76.5	48.2
CY 2008		60.8	77.7	50.0
CY 2009				

³ CYs 2005-2007 are not currently available.

Attachment A: 1115 Waiver Evaluation Performance Measures Tables

Table # 11

Annual Dental Visit (15-18 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		49.7	65.2	38.2
CY 2006		49.9	65.3	39.6
CY 2007		51.9	68.2	40.8
CY 2008		53.8	69.4	42.2
CY 2009				

Table # 12

Well-Child Visit (first 15 months) six or more visits	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		46.0	52.1	48.6
CY 2006		45.0	53.9	55.6
CY 2007		44.9	53.1	53.0
CY 2008		50.1	56.8	58.8
CY 2009				

Table # 13

Well-Child Visit (3-6 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		59.5	59.1	63.3
CY 2006		62.0	61.4	66.8
CY 2007		61.6	63.0	65.3
CY 2008		65.4	64.1	69.7
CY 2009				

Table # 14

Adolescent Well-Care Visits (12-19 yrs)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		31.5	30.4	40.6
CY 2006		32.2	32.1	43.6
CY 2007		32.4	32.5	42.0
CY 2008		36.3	33.1	45.9
CY 2009				

Attachment A: 1115 Waiver Evaluation Performance Measures Tables

Table # 15 Adult Chronic Care Management (Parents of Children)

Diabetes A1c Screening	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		70.7	87.2	76.2
CY 2006		79.0	89.1	78.0
CY 2007		78.8	98.4	77.4
CY 2008		80.2	88.4	80.5
CY 2009				

Table # 16

Diabetes LDL Screening	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		53.5	75.4	80.5
CY 2006		62.2	79.5	71.1
CY 2007		62.4	79.9	70.9
CY 2008		67.5	81.2	74.1
CY 2009				

Table # 17

Adult Access Preventive/ Ambulatory Health Services (20-44)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		90.7	85.2	76.4
CY 2006		90.9	85.3	78.2
CY 2007		91.0	85.7	76.8
CY 2008		91.8	86.5	79.8
CY 2009				

Table # 18

Adult Access Preventive/ Ambulatory Health Service (45- 64)	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		90.9	87.4	81.4
CY 2006		91.3	87.4	83.1
CY 2007		91.6	88.0	82.4
CY 2008		92.5	89.7	85.5
CY 2009				

Table # 19

Cervical Cancer Screening	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		75.4	73.1	65.0
CY 2006		76.5	72.6	65.7
CY 2007		77.2	71.3	64.8
CY 2008		78.1	70.1	66.0
CY 2009				

Attachment A: 1115 Waiver Evaluation Performance Measures Tables

Table # 20

Pregnant Women Care

Postpartum Care	Waiver Population	PMAP	MinnesotaCare	National Medicaid
CY 2005		50.8	56.6	57.0
CY 2006		52.6	55.3	59.1
CY 2007		52.3	55.2	58.7
CY 2008		53.6	55.1	62.7
CY 2009				