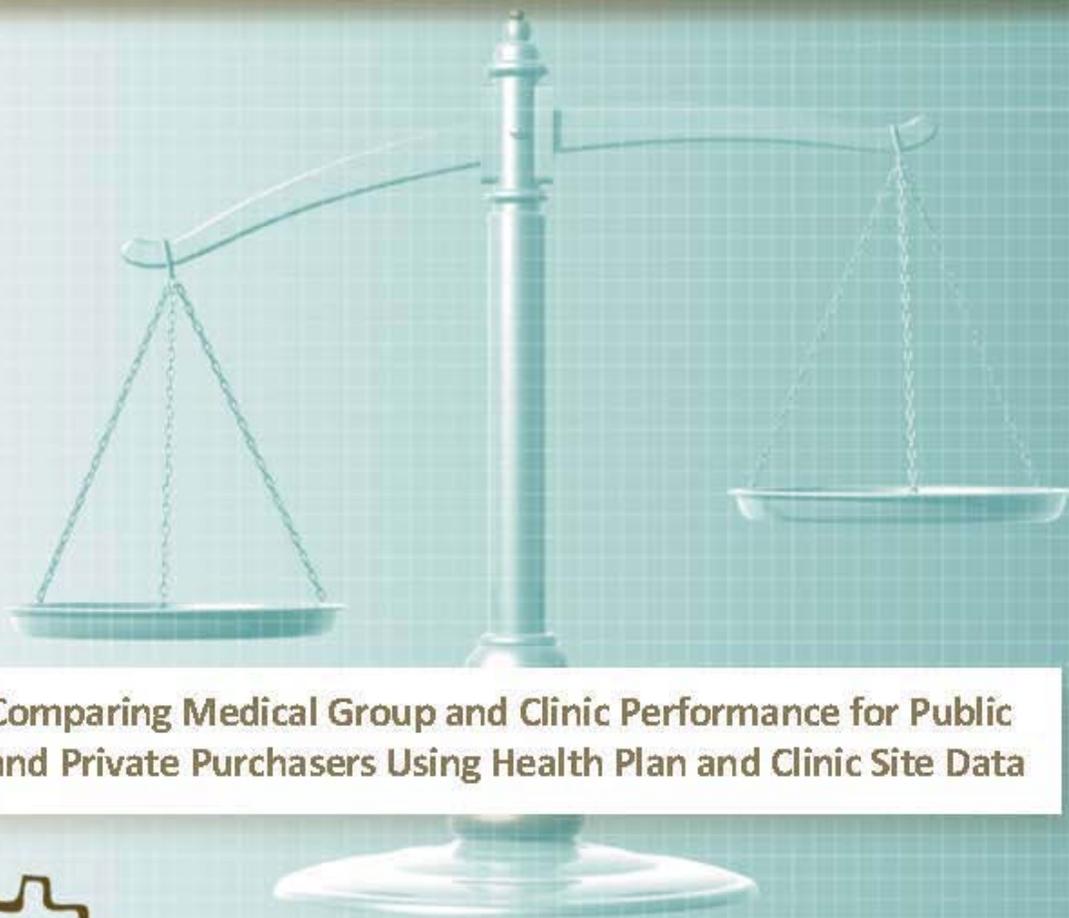


# 2015

## HEALTH CARE DISPARITIES REPORT

*for Minnesota Health Care Programs*



Comparing Medical Group and Clinic Performance for Public and Private Purchasers Using Health Plan and Clinic Site Data



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Minnesota Department of **Human Services**

# 2015 Health Care Disparities Report *for* Minnesota Health Care Programs

(For care delivered in 2014)

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# 2015

## Health Care Disparities Report

*for Minnesota Health Care Programs*

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## Executive Summary

The 2015 *Health Care Disparities Report for Minnesota Health Care Programs* provides health care performance rates for patients enrolled in the managed care component of these programs. Minnesota Health Care Programs (MHCP) includes Medical Assistance and MinnesotaCare, which are both funded by state and federal governments and administered by health plans.

The report also explores the differences in performance rates between patients enrolled in MHCP and patients enrolled in managed care programs of Other Purchasers (private, employer-based health care insurance or Medicare managed care programs) at a statewide and medical group level. For six measures (Optimal Asthma Control - Children Ages 5-17; Optimal Asthma Control - Adults Ages 18-50; Colorectal Cancer Screening; Depression Remission at Six Months; Optimal Vascular Care; and Optimal Diabetes Care), it also compares these rates at the clinic level.

When compared with the overall population of Minnesota, patients enrolled in MHCP are of lower socioeconomic status and represent a disproportionate number of persons of color, American Indian or Alaskan Natives, persons with disabilities, and elderly adults. In addition, these patients often experience significant personal challenges that create barriers to receiving appropriate health care. In many cases, the structure of

the health care system prevents them from receiving optimal care. As a result, MHCP patients may not receive care that meets best practices as often as patients insured by Other Purchasers.<sup>1,2,3</sup>

The Minnesota Department of Human Services (DHS) selected the following 12 measures for this report based on their relevance to patients enrolled in MHCP. The measures are listed in order in which they appear throughout the report.

- Optimal Diabetes Care
- Optimal Vascular Care
- Optimal Asthma Control – Children Ages 5-17
- Optimal Asthma Control – Adults Ages 18-50
- Controlling High Blood Pressure\*
- Appropriate Testing for Children with Pharyngitis\*
- Appropriate Treatment for Children with Upper Respiratory Infection (URI)\*
- Colorectal Cancer Screening
- Chlamydia Screening in Women\*
- Depression Remission at Six Months
- Breast Cancer Screening\*
- Childhood Immunization Status (Combo 3)\*

\*Healthcare Effectiveness Data and Information Set (HEDIS) measures

### Key Findings

- Five of the seven MHCP statewide measures have improved since last year. Three of these improvements were statistically significant (see **Table 1**). Appropriate Testing for Children with Pharyngitis and Appropriate Treatment for Children with URI had the largest gains in MHCP rates.
- Two measures declined from last year and both decline were statistically significant (Breast Cancer Screening and Childhood Immunization Status – Combo 3).
- Of the six measures with three or more years of data, all six have improved since their first year of measurement for MHCP patients (See **Table 1**). Childhood Immunization Status (Combo 3) has had the largest gain (20 percentage point increase), followed by Appropriate Testing for Children with Pharyngitis (17 percentage point increase) and Colorectal Cancer Screening (seven percentage point increase). All three changes were statistically significant.
- The Appropriate Treatment for Children with URI measure continues to have the highest MHCP rate at 92 percent, followed by Appropriate Testing for Children with Pharyngitis at 88 percent. The measure with the lowest MHCP rate was Depression Remission at Six Months at six percent.

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- Ten of the 12 statewide performance rates for MHCP patients were significantly lower than for patients insured by Other Purchasers. Two measures – Appropriate Treatment for Children with URI and Chlamydia Screening in Women – showed a significantly higher performance rate for MHCP patients than Other Purchaser patients (see **Table 2**). The largest gaps between MHCP and Other Purchaser patients occurred on three measures (see **Table 2**), and Colorectal Cancer Screening has had the largest gap since the *2009 Health Care Disparities Report*:
  - Colorectal Cancer Screening (20 percentage points)
  - Optimal Asthma Control – Adults Ages 18-50 (17 percentage points)
  - Breast Cancer Screening (15 percentage points)
- Statewide gaps in performance rates between MHCP and Other Purchasers have narrowed over time for two measures. Two of these changes were statistically significant:
  - Chlamydia Screening in Women (over seven years)
  - Appropriate Testing for Children with Pharyngitis (over ten years)
- Differences exist between **racial/ethnic groups** within the MHCP patient population for all seven HEDIS measures\*\*.
  - **Controlling High Blood Pressure** – Whites had the highest rate of controlling high blood pressure; however, this rate was significantly above the statewide average. The Asian, Blacks or African Americans and Unknown racial groups had the lowest performance rates and the rates were significantly below the statewide MHCP rate.
  - **Appropriate Testing for Children with Pharyngitis** – Black or African Americans continued to have the highest rate of receiving appropriate testing for children with pharyngitis which was significantly above the statewide MHCP rate. Asians or Pacific Islanders or Native Hawaiians continued to have the lowest rate which was significantly below the statewide MHCP rate. These results are consistent with last year's findings.
  - **Appropriate Treatment for Children with URI** – Black or African Americans continued to have the highest rate of receiving appropriate treatment for children with URI and had a significantly higher rate than the statewide MHCP rate. American Indian or Alaskan Native had the lowest rate but this performance rate was not significantly below the statewide MHCP rate.
  - **Chlamydia Screening in Women** – Black or African Americans continued to have the highest rate of chlamydia screening and, along with Multi Racial patients, have rates significantly above the statewide MHCP rate. Whites and patients with Unknown race had the lowest rates, which in both cases were significantly below the statewide MHCP rate.
  - **Breast Cancer Screening** – Whites had the highest rate of breast cancer screening and this rate was significantly above the statewide MHCP rate. American Indians or Alaskan Natives continued to have the lowest rate and had a significantly lower rate than the statewide MHCP rate.
  - **Childhood Immunization Status (Combo 3)** – Whites had the highest childhood immunization rate and this was significantly above the MHCP statewide rate. Whites were the only racial/ethnic group with a

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rate significantly above the MHCP statewide rate. American Indian or Alaskan Natives had the lowest rate, and along with Black or African Americans, had a rate significantly below the statewide MHCP rate.

- Statistically significant differences exist between **Hispanic** and **Non-Hispanic** patients within the MHCP patient population for three of the six HEDIS measures.
  - Hispanic patients had significantly higher health care performance rates compared to Non-Hispanic patients in three measures – Chlamydia Screening in Women, Breast Cancer Screening and Childhood Immunization Status (Combo 3).
  - Non-Hispanic patients did not have a significantly higher performance rate in any measures
- Differences exist between geographical regions for the MHCP patient population for all of the Direct Data Submission (DDS) measures. Please note that these measures are of the health care outcomes for these patients, not the performance of the patients within these regions.
  - **The Northwest region** had the lowest rate for five measures (Optimal Diabetes Care; Optimal Vascular Care; Depression Remission at Six Months; Optimal Asthma Control – Children Ages 5-17; and Optimal Asthma Control – Adults Ages 18-50) with all rates significantly below the MHCP statewide rate. This region did not have the highest screening rate for any measures.
  - **The Northeast region** did not have the lowest rate for any measures. This region had the highest rate for three measures (Optimal Asthma Control – Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months). The rates were significantly above the MHCP statewide rate for two measures (Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening).
  - **The Metro region** had the highest rate for four measures: tied with the South region for Optimal Diabetes Care and Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17 and tied with the Northeast region for Depression Remission at Six Months. The rate for the Optimal Asthma Control – Children Ages 5-17 was significantly above the MHCP statewide rate. This region had the lowest rate for Colorectal Cancer Screening which was significantly below the MHCP statewide rate.
  - **The Southern region** had the highest rate for two measures (Optimal Diabetes Care and Optimal Vascular Care) where it tied with the Metro region. The rate for the Optimal Diabetes Care measure was significantly above the MHCP statewide rate. This region did not have the lowest rate for any measure.

There were five measures that experienced revisions to their measure specifications: **Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Adults Ages 18-50** and **Controlling High Blood Pressure**. Due to the changes in the measure specifications for these measures in 2015, no trend data is available.

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In 2013, the National Committee of Quality Assurance (NCQA) revised the measure specifications for the **Cervical Cancer Screening** measure to allow for the collection of this data via the hybrid data collection method (claims and medical record review) and to include HPV screening. In September 2013, MNMCM's Measurement and Reporting Committee (MARC) decided to align with NCQA's plan and recommendation to not publicly report this revised, first-year measure in 2015. As a result, the Cervical Cancer Screening measure is not included in the *2014* and *2015 Health Care Disparities Reports*. Inclusion of the revised Cervical Cancer Screening measure in future *Health Care Disparities Reports* will be determined by DHS.

There was a notable trend change in the findings of the *2015 Health Care Disparities Report* for MHCP patients compared to last year's report. The Appropriate Testing or Children with Pharyngitis measures shifted from a decrease in MHCP rates last year to a significant increase this year. Additionally, the purchaser gap for this measure continues to narrow this year.

There are also several notable similarities in the findings of this year's report compared to previous years. The MHCP rate for Childhood Immunization Status (Combo 3) continues to decrease, a concerning trend that highlights substantial room for improvement. The Colorectal Cancer Screening measure continues to have the largest purchaser rate gap, while the Chlamydia Screening in Women measure continues to have the smallest purchaser rate gap.

\*\* Please note that these measures are of the health care outcomes for these patients, not the performance of the patients within these racial/ethnic groups. The following measures are not reported by race and Hispanic ethnicity in this report: Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months. As more clinics submit these data elements and as the data are validated for best practice, future reports may include MHCP rates for these measures by race and Hispanic ethnicity.

# Executive Summary

## Statewide Rate Comparisons to Previous Years

**Table 1** displays the MHCP statewide results for report year 2015, which reflect 2014 dates of service, and compares the 2015 report results to previous years. See the definitions listed below for measure categories.

- **Measure Specification Changes since 2014** – Measures in this category experienced specification changes in the previous year. Due to this, no trend data is available.
- **“Large Increase”** and **“Large Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was greater than five percentage points from 2014 to 2015.
- **“Moderate Increase”** and **“Moderate Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was greater than one percentage point and less than or equal to five percentage points from 2014 to 2015.
- **“Small Increase”** and **“Small Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was less than or equal to one percentage point from 2014 to 2015.

**Table 1:** Summary of MHCP Statewide Rates for 2015 Report Year Compared to Previous Years

Quality Measure	2015 MHCP Statewide Average	MHCP Percentage Point Change Statewide (Report Year 2015-2014)	MHCP Percentage Point Change Over Time (Report Year 2015 to First Year Reported)
<b>Measure Specification Changes since 2014</b>			
Optimal Diabetes Care*	43.1%	N/A	N/A
Optimal Vascular Care*	58.3%	N/A	N/A
Optimal Asthma Control - Children Ages 5-17*	53.0%	N/A	N/A
Optimal Asthma Control - Adults Ages 18-50*	41.7%	N/A	N/A
Controlling High Blood Pressure*	69.6%	N/A	N/A
<b>Increase in MHCP Rate since 2014</b>			
<b>Moderate Increase</b>			
Appropriate Testing for Children with Pharyngitis	88.2%	1.6**	16.6** (10 years)
Appropriate Treatment for Children with URI	92.0%	1.1**	7.9** (10 years)
<b>Small Increase</b>			
Colorectal Cancer Screening*	53.9%	0.8**	6.5** (5 years)
Chlamydia Screening in Women	56.0%	0.3	0.1 (7 years)
Depression Remission at Six Months	5.5%	0.3	2.0** (5 years)
<b>Decrease in MHCP Rate since 2014</b>			
<b>Moderate Decrease</b>			
Breast Cancer Screening	61.5%	-1.2**	-1.2** (2 year)
Childhood Immunization Status (Combo 3) *	69.2%	-3.4**	19.9** (10 years)

\* These statewide averages are weighted samples (see methods). \*\* Statistically significant difference (p<0.05).

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### Summary of Statewide Purchaser Rate Differences

**Table 2** displays differences in the achievement of health care best practices for patients enrolled in MHCP compared to patients enrolled with Other Purchasers. The difference in rates was calculated by subtracting the MHCP rate from the Other Purchasers rate. In the fourth column from the left, labeled “Rate Difference (2015) (Other purchasers-MHCP),” a positive number indicates the Other Purchasers rate was higher than the MHCP rate; therefore, Other Purchasers patients received higher quality care for that measure. Conversely, a negative number indicates the MHCP rate was higher than the Other Purchasers rate; therefore, MHCP patients received higher quality care for that measure.

**Table 2:** Summary of Statewide Purchaser Rate Differences

Quality Measure	2015 MHCP Statewide Average	2015 Other Purchasers Statewide Average	Rate Difference (2015) (Other Purchasers - MHCP)	Rate Difference (Current Year vs. First Year) Over time (Other Purchasers-MHCP)
Chlamydia Screening in Women	56.0%	46.5%	-9.6%**	Gap Narrowed (2011-2015)
Appropriate Treatment for Children with URI	92.0%	88.8%	-3.2%**	Gap Widened** (2006-2015)
Appropriate Testing for Children with Pharyngitis	88.2%	89.9%	1.7%**	Gap Narrowed** (2006-2015)
Depression Remission at Six Months	5.5%	9.9%	4.4%**	Gap Widened (2011-2015)
Childhood Immunization Status (Combo 3)*	69.2%	79.6%	10.4%**	Gap Widened (2006-2015)
Breast Cancer Screening	61.5%	76.8%	15.3%**	Gap Widened (2011-2015)
Colorectal Cancer Screening*	53.9%	74.3%	20.4%**	Gap Widened (2011-2015)
Controlling High Blood Pressure*	69.6%	76.6%	7.0%**	N/A
Optimal Asthma Control - Children Ages 5-17*	53.0%	63.8%	10.8%**	N/A
Optimal Diabetes Care*	43.1%	56.7%	13.6%**	N/A
Optimal Vascular Care*	58.3%	72.2%	13.9%**	N/A
Optimal Asthma Control - Adults Ages 18-50*	41.7%	57.8%	16.5%**	N/A

\* These statewide averages are weighted samples (see methods). \*\* Statistically significant difference (p<0.05).

## Introduction

A worthy goal for our national health care system is quality care for all patients. Despite that, significant evidence shows widespread disparities exist in health care across the country. Health care quality, cost and patient outcomes vary by factors such as where patients live, which doctors or clinics provide their health care, their socioeconomic status, and their race and ethnicity.

There is growing evidence that low-income patients face barriers to obtaining high-quality health care. In some cases, the barriers are actually increasing.<sup>4</sup> An important aspect of improving accountability for health care outcomes is establishing a basis for ongoing measurement.

The 2015 *Health Care Disparities Report for Minnesota Health Care Programs*, which reports on care delivered in 2014, is the ninth report of its kind produced by MN Community Measurement (MNCM) in collaboration with the Minnesota Department of Human Services (DHS). It compares care received by patients enrolled in Minnesota Health Care Programs (MHCP) to other patients on 12 measures. The 2015 report also marks the sixth time DHS and MNCM have publicly reported statewide performance rates for MHCP patients by race and Hispanic ethnicity for seven measures.

Patients enrolled in MHCP represent a population considered at risk as a result of their low socioeconomic status, as well as disproportionately made up of persons of color and American Indians, persons with disabilities and elderly adults. By using MHCP enrollment as a proxy for socioeconomic status, this report evaluates health care disparities that exist as a result of socioeconomic status. To do so, it measures health care performance rates for patients enrolled in MHCP and compares those outcomes with the outcomes of patients insured by other purchasers (private, employer-sponsored health insurance or Medicare managed care programs).

The measures in this report are presented at statewide, medical group and, in some cases, clinic levels. This is the only public report that medical groups and clinics can use to identify health care performance rates for their patients enrolled in state-funded public programs, as well as compare those rates with other medical groups and clinics. All patients whose care is reviewed in this report are enrolled in managed care programs, either through MHCP or other payers.

Minnesota patients have seen improved health outcomes in most areas since the first *Health Care Disparities Report* was issued. These improvements are due, in part, to increased transparency of these outcomes, which results in more accountability at all levels of health care. Providers should continue to examine health care performance data stratified by socioeconomic status, race and Hispanic ethnicity to build a foundation for understanding and reducing disparities.<sup>1, 5, 6</sup> The monitoring and public reporting of these rates should continue to be evaluated annually to keep a spotlight on health inequity and gauge whether medical group and clinic efforts to reduce disparities are working.

### Background

Due to the at-risk nature of the MHCP patient population, the Minnesota State Legislature directed DHS in 2005 to establish a performance reporting and quality improvement system for medical groups and clinics providing health care services to patients enrolled in the managed care component of MHCP. The inaugural *Health Care Disparities Report* was released in 2007, evaluating care provided in 2006, and was the first in the nation to include local level information that was actionable for medical groups and clinics.

Many national reports, including those by the National Committee for Quality Assurance (NCQA) and the Agency for Healthcare Research and Quality (AHRQ), show significant disparities between populations; however, despite decades of reporting and while health care quality in general has improved, access to high-quality care continues to be problematic for many and disparities based on factors, including socioeconomic status, continue to persist.

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They continue to exist, in part, because national and state level data is not detailed enough to provide actionable information for health systems to identify and address disparities within their own patient populations. This lack of adequate data has been identified as a key barrier to recognizing patient populations within the same medical group or clinic may not be attaining the same rates of optimal care.<sup>7</sup> Medical group providers and staff often have the best understanding of patient barriers and system improvements that could impact disparities.<sup>7</sup> And motivation to improve can be driven by public reporting that includes medical group and/or clinic level results and comparison to peers.

MNCM's annual medical group survey continues to show medical groups and clinics use this report as they design quality improvement efforts. In 2015, one third of medical group respondents said they used results from this report very often or often to develop specific practice-based improvement initiatives. Before this report became available, national and state level reports of differences in care were either dismissed as being the result of patient factors and issues outside of medical group control, or because of the perception that disparities existed elsewhere. (e.g., in other medical groups or health systems, "but not in my medical group") This report supplies objective data and brings accountability to medical groups and clinics, allowing them to reflect on their own disparities and identify areas for improvement within their systems.

### Overview of Performance Measures

This report includes 12 health care performance measures selected by DHS based on their relevance to patients enrolled in MHCP. Six of the measures were developed by MNMCM; the other seven were developed by the National Committee for Quality Assurance (NCQA) and are known as Healthcare Effectiveness Data and Information Set (HEDIS) measures.

The six MNMCM measures are: Optimal Asthma Control - Children Ages 5-17; Optimal Asthma Control - Adults Ages 18-50; Colorectal Cancer Screening; Depression Remission at Six Months; Optimal Vascular Care; and Optimal Diabetes Care. Data for these measures originate directly from medical groups and are referred to as Direct Data Submission (DDS) measures. DDS results are subject to a rigorous validation process by MNMCM. DDS performance rates are reported at a clinic level. The HEDIS measures are part of a national set of standardized performance measures originally designed for the managed care industry and adapted by MNMCM. Data for these measures originate from health plan claims databases and are supplemented with medical record reviews for some measures. HEDIS results are reported at a medical group level.

Most performance measures included in this report, both HEDIS and DDS, have been endorsed by the National Quality Forum and are aligned with clinical guidelines established by Minnesota's Institute for Clinical Systems Improvement. For more information on methods, see Appendix 2.

Measures are categorized based on the change in MHCP statewide rates between this year and last year. There were no measures that displayed a large decrease in MHCP rates between 2014 and 2015. Two measures displayed a moderate increase (Appropriate Testing for Children with Pharyngitis and Appropriate Treatment for Children with URI) and three displayed small increases (Colorectal Cancer Screening, Chlamydia Screening in Women and Depression Remission at Six Months). Two measures displayed moderate decreases in MHCP rates between 2014 and 2015 (Breast Cancer Screening and Childhood Immunization Status (Combo 3)). There were no measures that displayed a large or small decrease in the MHCP rate.

Additionally, the report features MHCP performance rates for HEDIS measures by race and Hispanic ethnicity using information self-reported by patients at the time of their MHCP enrollment. These results are reported at a statewide level. The results show differences in rates among MHCP patients by race and Hispanic ethnicity. Black or African Americans continue to have the highest rate for three measures: Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI and Chlamydia Screening in Women. This racial group however, had the

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lowest rate for one measure: Controlling High Blood Pressure. Whites had the highest rate for three measures: Controlling High Blood Pressure, Breast Cancer Screening and Childhood Immunization Status (Combo 3) but had the lowest rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women. Multi-Racial patients did not have the highest rate for any measures. American Indians or Alaskan Natives had the lowest rate and for Appropriate Testing for Children for Pharyngitis, Breast Cancer Screening and Childhood Immunization (Combo 3). Asians had the lowest rate for Appropriate Testing for Children with Pharyngitis.

Finally, for the purpose of this report, a clinic is defined as a practice site location where primary care or specialty care ambulatory services are provided for a fee by one or more physicians; a medical group is defined as one or more clinics that have common ownership; and MHCP are state/federal funded programs, including Medical Assistance and MinnesotaCare, for managed care patients. Only managed care patient results are included in this report.

### Future Commitment

DHS and MNMCM are dedicated to continuing to publicly report health care performance rates at medical group and clinic levels by purchaser type as it has been shown to stimulate improvements. This is particularly true when rates are reported at medical group or clinic levels, where more accountability lies and actions to address disparities are possible.<sup>2,3</sup> Medical groups and clinics should examine this data, continually seek to understand the unique needs of all of their patients, and implement targeted interventions to address needs that are not being met.

Minnesota providers are steadily improving their collection and reporting of race and Hispanic ethnicity data to help drive quality improvements that reduce health care disparities. As providers continue to surmount technical and organizational barriers, MNMCM produced the second annual *Health Equity of Care Report* in February 2016. It not only included publicly reported statewide, regional and medical group results of five clinical measures stratified by race, Hispanic ethnicity, preferred language and country of origin, but also included statewide and regional patient experience of care results by race and Hispanic ethnicity. Future *Health Care Disparities Reports* may include rate by race, Hispanic ethnicity, preferred language and country of origin for the DDS measures.

We are pleased that the *Health Care Disparities Report for Minnesota Health Care Programs* continues to generate interest from the media, policymakers, medical groups and clinics. Our mission is to drive substantial health care improvement and reduce gaps in care more quickly for Minnesota's most vulnerable patients.

### For More Information

For additional information, please contact Anne Snowden at [snowden@mncm.org](mailto:snowden@mncm.org) or Karen Schirle at [karen.schirle@state.mn.us](mailto:karen.schirle@state.mn.us).

## Statewide Differences between MHCP and Other Purchasers of Health Care Services

This section presents rates for the 12 measures selected by DHS for this report. Measures with specification changes in 2015 are described first. Next, measures with trend data are organized into three sections based on the size of the change in results from last year's MHCP statewide rates. Each measure is briefly described and statewide results by purchaser are displayed for each year that the measure has been active. Additionally, trending results for MHCP and Other Purchasers are included.

Next, medical group performance rates for MHCP patients are highlighted, including lists of medical groups with the highest performance and medical groups that made the largest improvements since 2014. Additionally, clinic performance highlights are included for six measures: Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months.

Finally, medical group performance over time is reported with an analysis of medical group purchaser rate differences. **Please note** that the Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Children Ages 18-50 and Controlling High Blood Pressure measures are not included in this analysis due to measure specification changes in 2015.

### Background

Please note that the significance level is defined as  $p < 0.05$ .

Detailed medical group performance data are presented in three appendices:

- Appendix 3: Clinic Level and Medical Group Performance Rate Tables
- Appendix 4: Medical Group Performance over Time (Three Years)
- Appendix 5: Purchaser Performance Rate Differences

Please see the next page.

## Measures with Specification Changes from 2014 to 2015

### Optimal Diabetes Care

The Optimal Diabetes Care measure evaluates the percentage of patients with diabetes (Type I and Type II) ages 18-75 who reached all four of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- Hemoglobin A1c (HBA1c) less than 8
- Documented tobacco-free status
- Daily aspirin use for patients with a co-morbidity of Ischemic Vascular Disease (unless contraindicated)

Medical groups and clinics submitted data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

For Optimal Diabetes Care in 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Diabetes Care for MHCP patients was 43 percent; the rate for patients enrolled with Other Purchasers was 57 percent. **Table 3** displays statewide rates for each purchaser since measure implementation.

**Table 3: Statewide Rates for Optimal Diabetes Care**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015 <sup>^</sup>	43.1%	42.6% - 43.6%	38,521	56.7%	13.6%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.  
<sup>^</sup> LDL component removed from measure calculation.

## Optimal Vascular Care

The Optimal Vascular Care measure evaluates the percentage of patients ages 18-75 with a diagnosis of vascular disease who have reached all three of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- Documented tobacco-free status
- Daily aspirin use

Medical groups and clinics submitted data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

For Optimal Vascular Care in 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Vascular Care for MHCP patients was 58 percent; the rate for patients enrolled with Other Purchasers was 72 percent. **Table 4** displays statewide rates for each purchaser since measure implementation.

**Table 4: Statewide Rates for Optimal Vascular Care**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015 <sup>^</sup>	58.3%	57.3% - 59.3%	10,152	72.2%	13.9%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.  
 ^ LDL component removed from measure calculation.

## Optimal Asthma Control – Children Ages 5-17

The Optimal Asthma Control measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- Evidence of well-controlled asthma using a validated asthma control tool,
- Not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations due to asthma,

This measure is segmented into two age categories: children ages 5-17 and adults ages 18-50.

Medical groups and clinics report data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

For Optimal Asthma Control – Children Ages 5-17 in 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Asthma Control – Children Ages 5-17 for MHCP patients was 53 percent; the rate for patients enrolled with Other Purchasers was 64 percent. **Table 5** displays statewide rates for each purchaser since measure implementation.

**Table 5: Statewide Rates for Optimal Asthma Control – Children Ages 5-17**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015 <sup>^</sup>	53.0%	52.1% - 53.8%	13,689	63.8%	10.8%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.  
<sup>^</sup> The education about asthma and self-management component was removed from the measure.

## Optimal Asthma Control – Adults Ages 18-50

The Optimal Asthma Control measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- Evidence of well-controlled asthma using a validated asthma control tool,
- Not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations due to asthma,

This measure is segmented into two age categories: children ages 5-17 and adults ages 18-50.

Medical groups and clinics report data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

For Optimal Asthma Control – Adults Ages 18-50 in 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Asthma Control – Adults Ages 18-50 for MHCP patients was 42 percent; the rate for patients enrolled with Other Purchasers was 58 percent. **Table 6** displays statewide rates for each purchaser since measure implementation.

**Table 6:** Statewide Rates for Optimal Asthma Control – Adults Ages 18-50

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015 <sup>^</sup>	41.7%	40.9% - 42.5%	14,732	57.8%	16.5%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.  
<sup>^</sup> The education about asthma and self-management component was removed from the measure.

## Controlling High Blood Pressure

The Controlling High Blood Pressure measure evaluates the percentage of patients between ages 18-85 with a diagnosis of hypertension, also known as high blood pressure, whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. The representative blood pressure, as defined by the National Committee for Quality Assurance (NCQA), is the most recent blood pressure reading during the measurement year, as long as the reading occurred after the diagnosis of hypertension. Data collected for this measure are from health plan claims and medical record review (See Glossary).

In 2015, diabetes diagnosis was included in the criteria for identifying blood pressure that was adequately controlled:

- Patients ages 18-59 whose blood pressure was <140/90 mm Hg.
- Patients ages 60-85 with a diagnosis of diabetes whose blood pressure was <140/90 mm Hg.
- Patients ages 60-85 without a diagnosis of diabetes whose blood pressure was <150/mm Hg.

Due to this change, no trend data is available for this measure this year.

For Controlling High Blood Pressure in 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Controlling High Blood Pressure for MHCP patients was 70 percent; the rate for patients enrolled with Other Purchasers was 77 percent. **Table 7** displays statewide rates for each purchaser since measure implementation.

**Table 7: Statewide Rates for Controlling High Blood Pressure**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015 <sup>^</sup>	69.6%	68.8% - 70.5%	11,465	76.6%	6.96%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.  
<sup>^</sup> The adequately controlled criteria was revised for this measure.

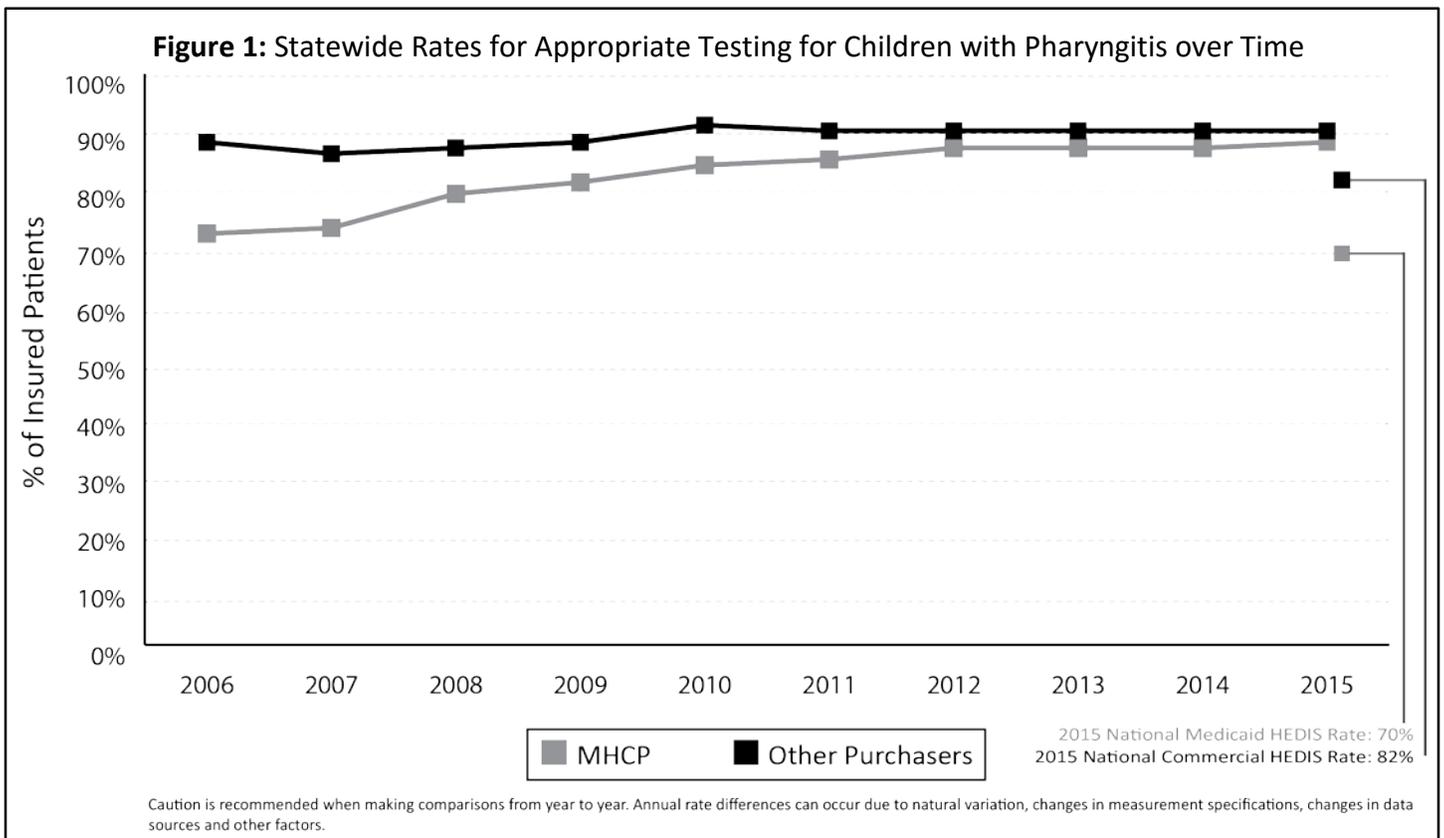
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## Moderate Increase in MHCP Rate from 2014 to 2015

### Appropriate Testing for Children with Pharyngitis

The Appropriate Testing for Children with Pharyngitis measure evaluates the percentage of children ages 2-18 with pharyngitis (a sore throat) who were given a group A streptococcus (strep) test and an antibiotic, rather than just an antibiotic during the episode period. The episode period is July 1 of the prior year to June 30 of the measurement year. Since pharyngitis may be caused by a virus, best practice is to test for strep prior to ordering an antibiotic. A higher rate represents better performance and appropriate testing. The data collected for this measure are from health plan claims. (See Glossary)

For MHCP patients, the rate increased by one percentage point between 2014 and 2015 at approximately 87 percent and this was statistically significant. From 2006 to 2015, the rate increased significantly by 17 percentage points. The largest improvement was seen from 2007 to 2008 (a six percentage point increase). See **Figure 1** for MHCP and Other Purchasers rates over time for this measure.



**Figure 1** also displays the 2015 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. Both the statewide rate for patients enrolled in MHCP and Other Purchasers were well above the National HEDIS Commercial benchmark and the National HEDIS Medicaid benchmark.

## Appropriate Testing for Children with Pharyngitis - *continued*

MHCP patients continued to have a significantly lower rate of Appropriate Testing for Children with Pharyngitis than patients enrolled with Other Purchasers. The MHCP statewide rate for Appropriate Testing for Children with Pharyngitis is 88 percent; the rate for Other Purchasers was 90 percent. The MHCP rate did increase by one percentage point from 2014 to 2015. The Other Purchasers statewide rate have remained constant since 2011. **Table 8** displays statewide rates for each purchaser since measure implementation.

**Table 8: Statewide Rates for Appropriate Testing for Children with Pharyngitis**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015	88.2%	87.6% - 88.7%	12,435	89.9%	1.7%**
2014	86.6%	86.0% - 87.2%	11,185	89.6%	2.9%**
2013	87.1%	86.5% - 87.7%	12,027	89.7%	2.5%**
2012	86.8%	86.2% - 87.3%	15,891	90.0%	3.2%**
2011	85.2%	84.5% - 85.9%	10,557	90.2%	5.0%**
2010	83.7%	82.9% - 84.4%	10,199	90.7%	7.0%**
2009	80.7%	79.9% - 81.5%	8,884	88.2%	7.5%**
2008	78.9%	78.1% - 79.7%	9,729	86.7%	7.8%**
2007	73.0%	72.2% - 73.7%	13,501	85.9%	12.9%**
2006	71.6%	70.5% - 72.7%	6,438	87.7%	16.1%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.

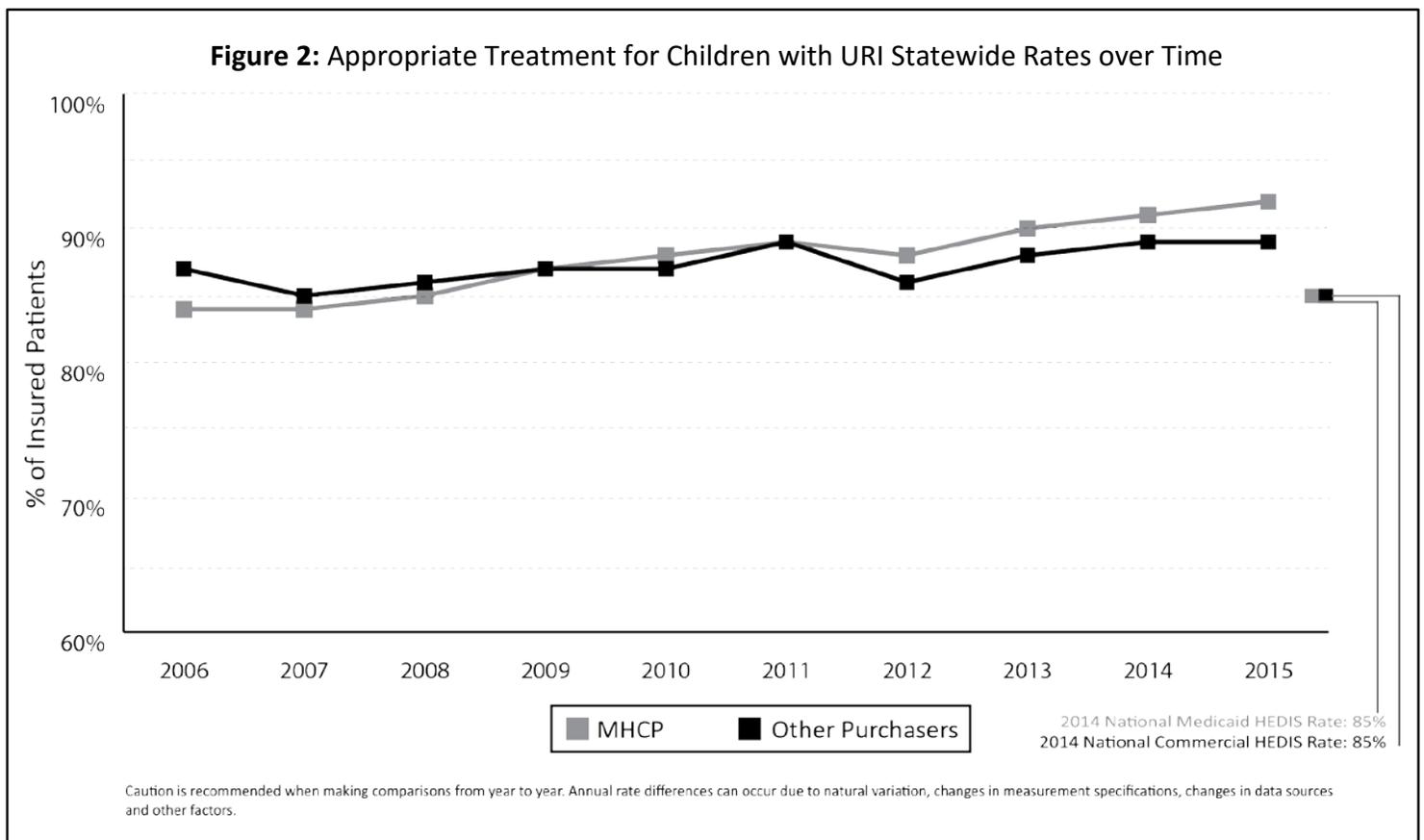
\*\* Denotes a statistically significant difference.

The difference between purchasers for this measure has narrowed significantly since 2006. While every year has displayed a statistically significant gap between purchasers, the largest narrowing came between 2007 and 2008 when the gap was reduced by five percentage points. The difference between purchasers has remained fairly steady at three percentage points since 2012, with the difference decreasing to less than two percentage points in 2015.

## Appropriate Treatment for Children with URI

The Appropriate Treatment for Children with Upper Respiratory Infection (URI) measure evaluates the percentage of children ages three months to 18 years with a diagnosis of URI that were not given an antibiotic prescription within three days of the episode period. The episode occurred between July 1 of the prior year and June 30 of the measurement year. Appropriate treatment is to not provide an antibiotic, since most URIs are caused by a virus (antibiotics are not an appropriate treatment for a virus). A higher rate indicates better performance and appropriate treatment. Data collected for this measure are from health plan claims. (See Glossary)

In 2015, 92 percent of MHCP children with URI received appropriate treatment. This rate increased by one percentage point from 2014, and that increase was statistically significant. Since measure implementation, this rate for MHCP children has increased by approximately eight percentage points, which is also statistically significant. See **Figure 2** for statewide rates for MHCP and Other Purchasers over time for this measure.



**Figure 2** also displays the 2015 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP and Other Purchasers rates are both above their respective National HEDIS benchmarks. In other words, Minnesota medical groups are more successful in achieving this health care best practice with their patients, regardless of purchaser, than other medical groups nationwide.

## Appropriate Treatment for Children with URI - *continued*

MHCP patients and patients insured by Other Purchasers continued to have similar rates for Appropriate Treatment for Children with URI, although the difference between them is statistically significant. The statewide MHCP rate for this measure was 92 percent; the rate for Other Purchasers was 89 percent. **Table 9** displays statewide rates for each purchaser since measure implementation.

**Table 9: Statewide Rates for Appropriate Treatment for Children with URI**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)**
2015	92.0%	91.6% - 92.4%	17,606	88.8%	-3.2%**
2014	91.0%	90.5% - 91.3%	19,563	88.7%	-2.3%**
2013	89.8%	89.3% - 90.2%	18,331	87.7%	-2.1%**
2012	87.9%	87.6% - 88.2%	37,573	86.3%	-1.6%**
2011	89.3%	88.8% - 89.7%	20,722	88.6%	-0.7%**
2010	87.9%	87.4% - 88.3%	18,534	87.4%	-0.5%
2009	87.1%	86.6% - 87.6%	17,712	87.0%	-0.1%
2008	85.3%	84.8% - 85.8%	17,043	86.1%	0.8%**
2007	83.8%	83.3% - 84.2%	24,793	85.0%	1.2%**
2006	84.1%	83.5% - 84.7%	14,684	87.0%	2.9%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.

\*\* Denotes a statistically significant difference.

For this measure, MHCP patients had higher rates than patients insured by Other Purchasers. MHCP patients experienced lower rates compared to Other Purchaser patients for this measure from 2006 to 2008. That pattern changed in 2009 and the MHCP rate has remained above the Other Purchaser rate since then. The difference between purchasers has been statistically significant in eight of the ten years that this measure has been evaluated; only during 2009 and 2010 was the gap not significant. The difference in rates between purchasers increased from 2014 to 2015 to over three percentage points. The widening of the difference between Other Purchaser and MHCP rates over time is statistically significant.

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## Small Increase in MHCP Rate from 2014 to 2015

### Colorectal Cancer Screening

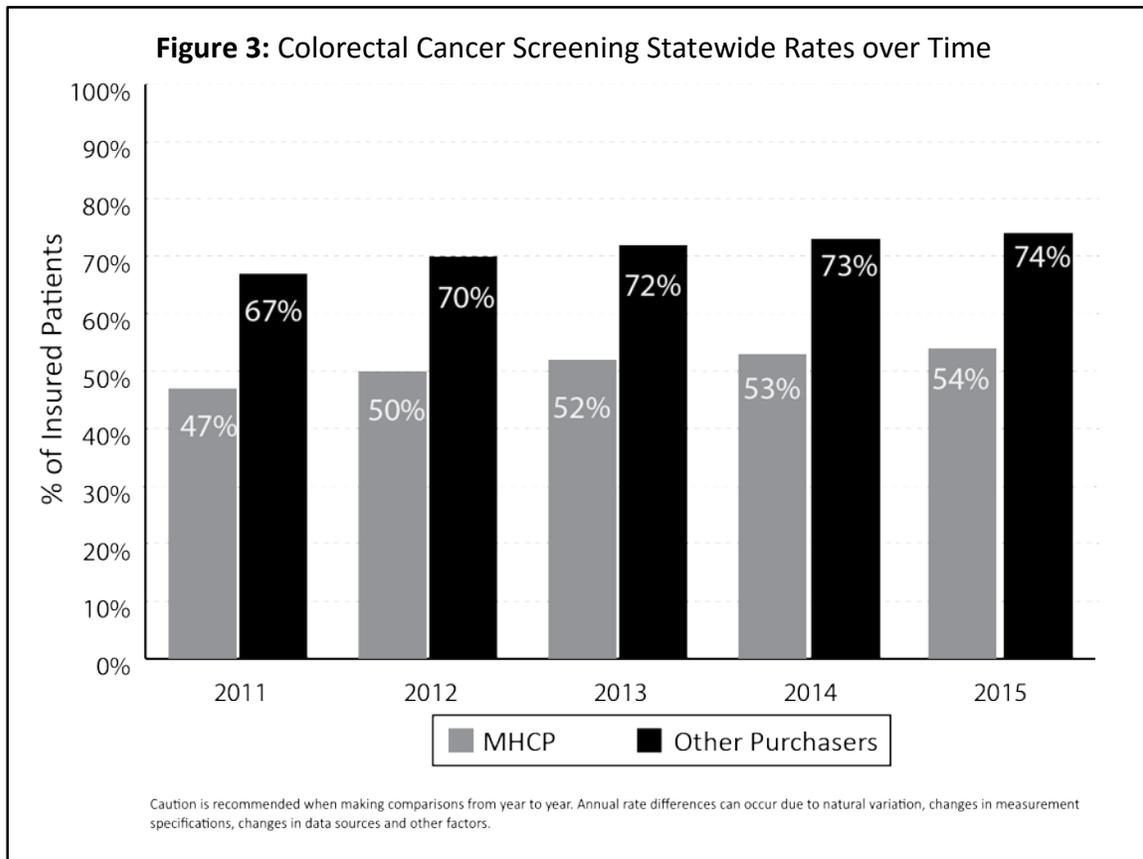
July 1, 2014 - June 30, 2015 Dates of Service

The Colorectal Cancer Screening measure evaluates the percentage of adults ages 51-75 who are up-to-date with the appropriate screenings for colorectal cancer. Appropriate screenings for colorectal cancer include:

- Fecal occult blood test during the measurement year
- Flexible sigmoidoscopy during the measurement year or the four years prior
- Colonoscopy during the measurement year or the nine years prior

Medical groups and clinics report data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

The Colorectal Cancer Screening rate for MHCP patients increased from 53 percent in 2014 to 54 percent in 2015. This increase was statistically significant. Since 2011, the rate for MHCP patients has increased by approximately seven percentage points, which is statistically significant. See **Figure 3** below for Colorectal Cancer Screening rates for MHCP and Other Purchasers over time.



## Colorectal Cancer Screening - *continued*

Since 2011, the MHCP and Other Purchaser rates had similar increases each year; however, MHCP patients continue to have a significantly lower rate of Colorectal Cancer Screening than patients insured by Other Purchasers. The MHCP statewide rate for Colorectal Cancer Screening is 54 percent; the rate for Other Purchasers is 74 percent. **Table 10** displays statewide rates for each purchaser since measure implementation.

**Table 10: Statewide Rates\* for Colorectal Cancer Screening**

Year	MHCP Rate*	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2015	53.9%	53.6% - 54.2%	93,834	74.3%	20.4%***
2014	53.0%	52.7% - 53.4%	72,037	72.9%	19.6%***
2013	51.8%	51.4% - 52.2%	53,788	71.8%	20.0%***
2012	49.7%	49.3% - 50.2%	41,396	70.1%	20.4%***
2011	47.4%	46.9% - 47.9%	36,652	66.6%	19.1%***

\*The statewide weighted rate includes all patients eligible for the measures who were reported directly to MNMCM by medical groups and clinics from electronic health records or paper-based medical charts.

\*\*A confidence interval gives an estimated range of values calculated from a given sample of data. A 95% confidence interval implies a 95% level of confidence that the interval includes the true mean or parameter.

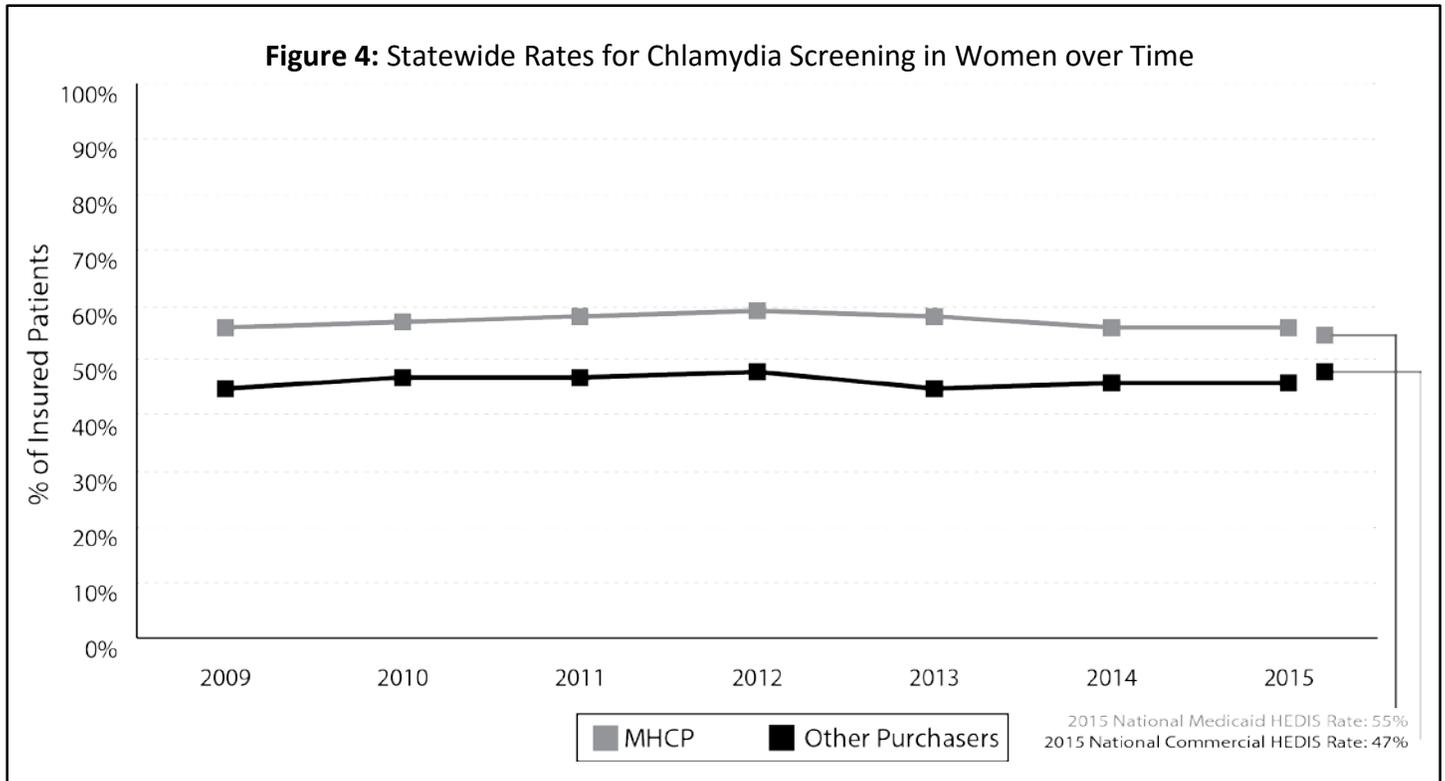
\*\*\*Denotes a statistically significant difference.

A 20 percentage point gap between purchasers has remained consistent for all five years that the data have been reported for this measure. Since 2011, the gap has widened slightly, but the increase has not been statistically significant. This measure has the largest purchaser gap of all 12 measures included in this report.

## Chlamydia Screening in Women

The Chlamydia Screening in Women measure evaluates the percentage of sexually active women ages 16-24 who had at least one test for chlamydia during the measurement year. The data for this measure are collected from health plan claims. (See Glossary)

In 2015, 56 percent of MHCP patients received appropriate chlamydia screening, and this was the same as in 2014. A small increasing trend can be seen in the MHCP rate since 2009, but the trend is not statistically significant. See **Figure 4** for appropriate screening rates for MHCP and Other Purchasers over time.



**Figure 4** also includes the 2015 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP rate is above the 2015 National HEDIS benchmark (55 percent). The statewide Other Purchasers rate is below the 2015 National Commercial benchmark (47 percent).

## Chlamydia Screening in Women - *continued*

MHCP patients continue to have a significantly higher rate of chlamydia screening than patients enrolled with Other Purchasers. Both purchaser rates have been slightly decreasing since 2012. The MHCP statewide rate for chlamydia screening was 56 percent; the rate for Other Purchasers was 47 percent. **Table 11** displays statewide rates for each purchaser since measure implementation.

**Table 11: Statewide Rates for Chlamydia Screening in Women**

Year	MHCP Rate	MHCP CI (U/L)*	Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015	56.0%	55.3% - 56.7%	20,199	46.5%	-9.5%**
2014	55.8%	54.9% - 56.6%	14,175	45.5%	-10.3%**
2013	57.7%	56.9% - 58.5%	13,905	45.4%	-12.3%**
2012	59.1%	58.3% - 59.9%	14,753	48.2%	-10.9%**
2011	57.5%	56.7% - 58.3%	15,614	46.5%	-11.0%**
2010	56.6%	55.8% - 57.4%	14,258	46.5%	-10.1%**
2009	56.1%	55.3% - 57.0%	12,155	44.8%	-11.3%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.

\*\* Denotes a statistically significant difference.

For this measure, MHCP patients had a higher rate of appropriate care than Other Purchaser patients. While the difference between purchasers has been relatively stable since 2009, the MHCP statewide rate has consistently been higher than the Other Purchaser statewide rate for every year.

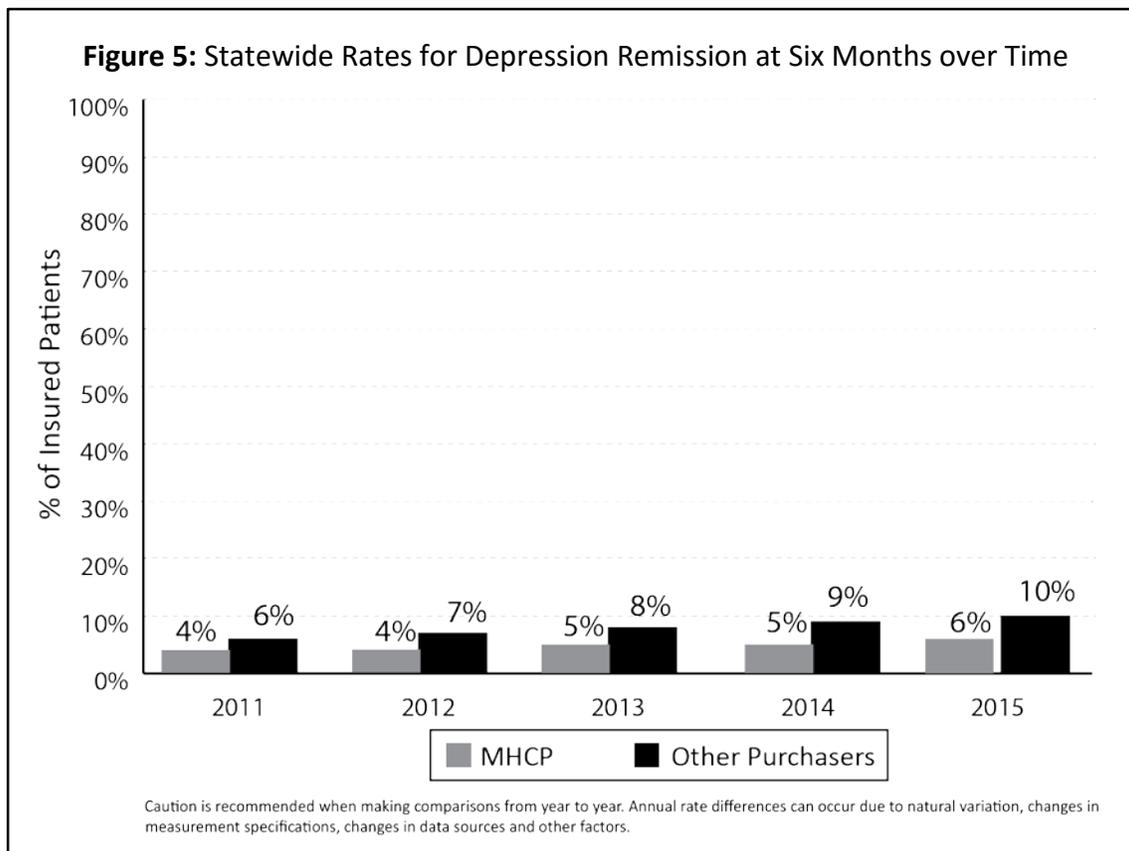
## Depression Remission at Six Months

February 1, 2014 - January 31, 2015 Dates of Service

The Depression Remission at Six Months measure evaluates the percentage of patients with a diagnosis of major depression or dysthymia and an initial PHQ-9 score greater than nine who are in remission defined as a subsequent PHQ-9 score (after six months of treatment) less than five.

Medical groups and clinics report data directly to MNMCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

From 2014 to 2015, the percentage of MHCP patients who experienced depression remission at six months increased one percentage point. A small increasing trend can be seen in the MHCP rate since measure implementation in 2011. See **Figure 5** below for Depression Remission at Six Months rates for MHCP and Other Purchasers over time.



## Depression Remission at Six Months - *continued*

MHCP patients continue to have a significantly lower Depression Remission at Six Months rate than patients insured by Other Purchasers. The Other Purchaser rate has continued to increase at a steady one percentage point rate each year while the MHCP rate has increased at a variable rate each year. This year, the statewide MHCP rate for Depression Remission at Six Months was six percent and the rate for Other Purchasers was ten percent. **Table 12** displays statewide rates for each purchaser since measure implementation.

**Table 12:** Statewide Rates for Depression Remission at Six Months

Year	MHCP Rate*	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2015	5.5%	5.2% - 5.9%	22,195	9.9%	4.4%***
2014	5.3%	5.0% - 5.6%	19,294	9.4%	4.1%***
2013	4.7%	4.4% - 5.0%	18,072	8.1%	3.4%***
2012	3.7%	3.4% - 4.0%	13,600	7.2%	3.5%***
2011	3.5%	3.1% - 3.9%	9,108	6.1%	2.1%***

\*The statewide weighted rate includes all patients eligible for the measures who were reported directly to MNMCM by medical groups and clinics from electronic health records or paper based medical charts.  
 \*\*A confidence interval gives an estimated range of values calculated from a given sample of data. A 95% confidence interval implies a 95% level of confidence that the interval includes the true mean or parameter.  
 \*\*\*Denotes a statistically significant difference.

The difference between purchasers for Depression Remission at Six Months has widened since 2011, but it is not statistically significant. For every year this measure has been active, the rate gap between MHCP and Other Purchasers has been statistically significant. The gap decreased slightly in 2013 (by less than one tenth of a percentage point) but increased by one percentage point in 2014. From 2014 to 2015 the increase in the rate gap between MHCP and Other Purchasers was less than one percentage point.

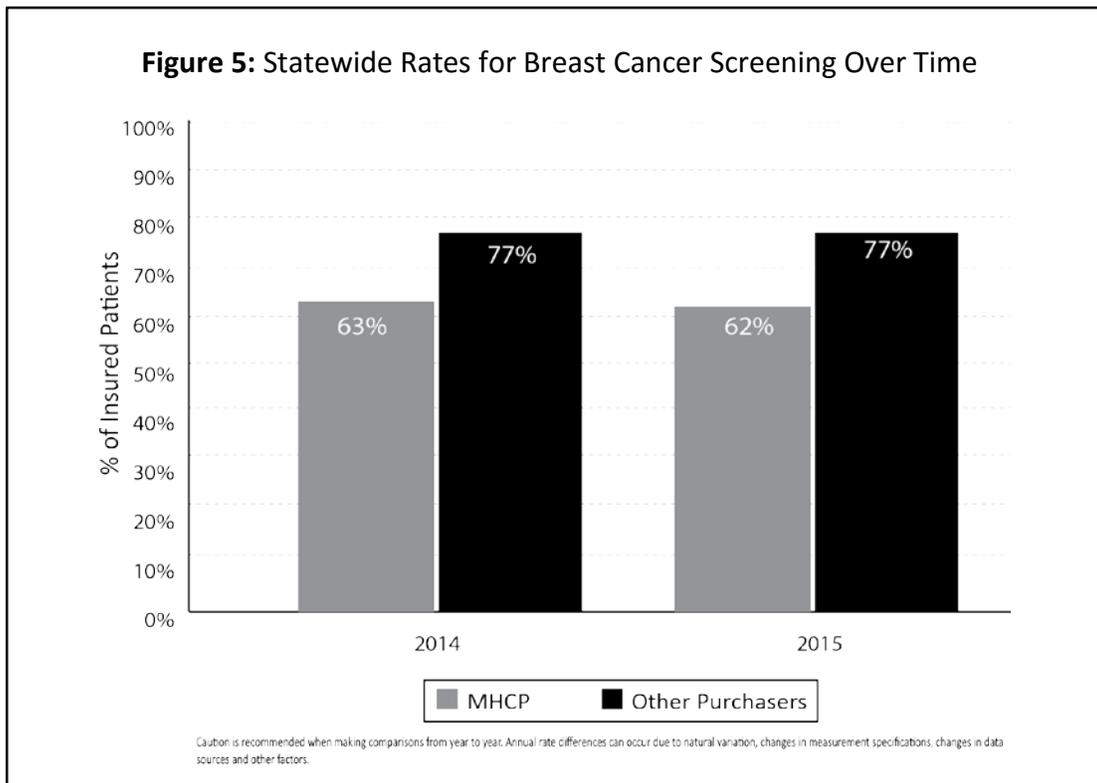
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## Moderate Decrease in MHCP Rate from 2014 to 2015

### Breast Cancer Screening

The Breast Cancer Screening measure evaluates the percentage of women ages 50-74 who received a mammogram during the prior two years. The data for this measure are collected from health plan claims. (See Glossary)

From 2014 to 2015, the percentage of MHCP patients who received a mammogram decreased by one percentage point and this was statistically significant. In 2015, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 5** below for Breast Cancer Screening rates for MHCP and Other Purchasers over time.



## Breast Cancer Screening - *continued*

MHCP patients continue to have a significantly lower Breast Cancer Screening rate than patients insured by Other Purchasers. This year, the statewide MHCP rate for Breast Cancer Screening was 62 percent and the rate for Other Purchasers was 77 percent. **Table 13** displays statewide rates for each purchaser since measure implementation.

**Table 13:** Statewide Rates for Breast Cancer Screening

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015	61.5%	60.8% - 62.2%	21,143	76.8%	15.3%**
2014	62.7%	61.9% - 63.5%	14,275	77.0%	14.3%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95 percent confidence interval implies a 95 percent level of confidence that the interval includes the true mean or parameter.  
 \*\* Denotes a statistically significant difference.

The difference between purchasers for Breast Cancer Screening increased by one percentage point from 2014 to 2015 and this was statistically significant.

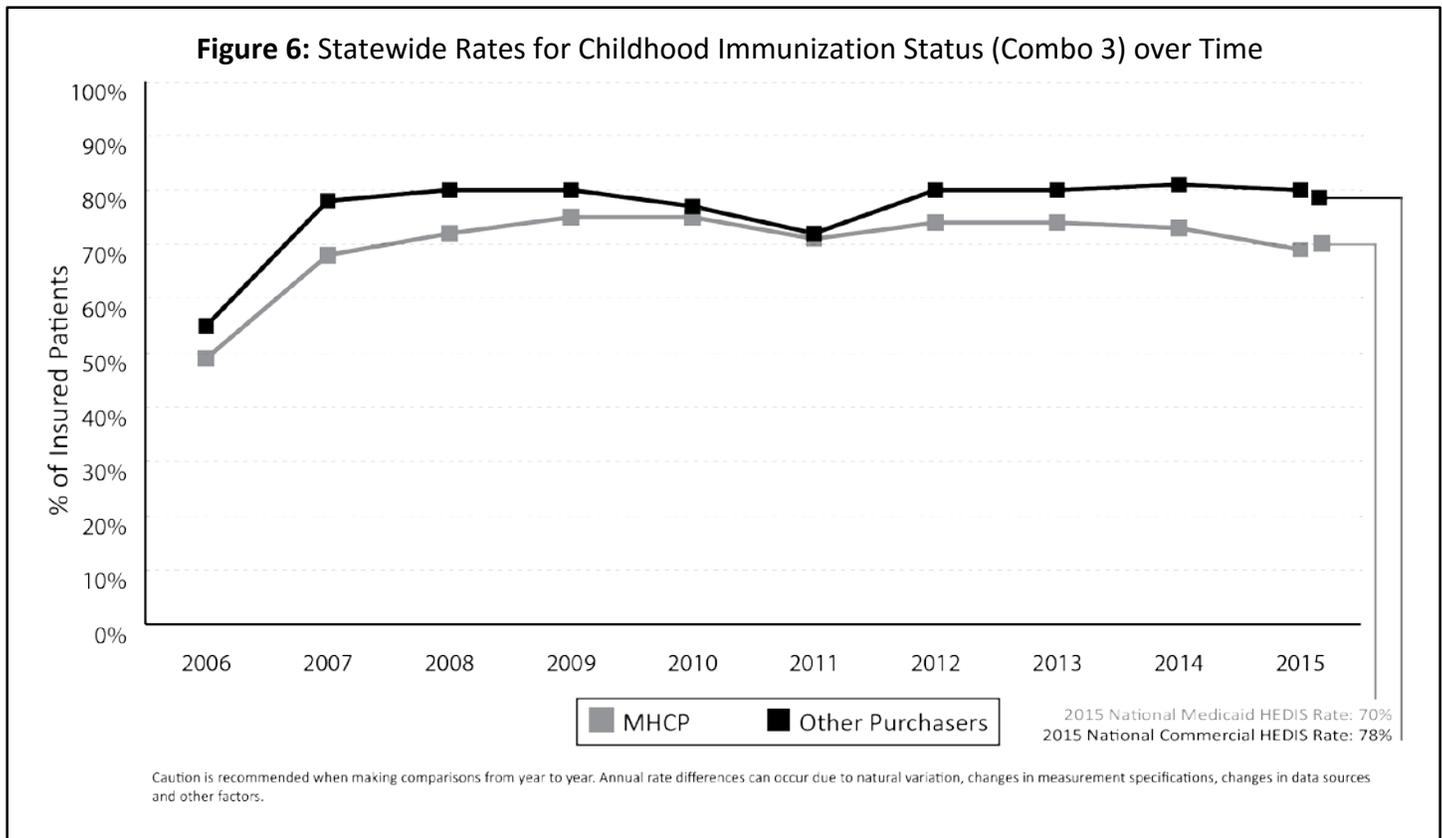
## Childhood Immunization Status (Combo 3)

The Childhood Immunization Status (Combo 3) measure evaluates the percentage of children who had the following vaccines by their second birthday:

- Four DTaP/DT
- Three IPV
- One MMR
- Two H influenza type B
- Three Hepatitis B
- One VZV (chicken pox)
- Four pneumococcal conjugate

The data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection (MIIC) registry and medical record review. (See Glossary)

The rate of childhood immunizations in MHCP patients decreased from 73 percent in 2014 to 69 percent in 2015 and this decrease was statistically significant. This decrease is similar to what was seen in 2011. See **Figure 6** for MHCP and Other Purchasers rates over time for this measure.



**Figure 6** also includes the 2015 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP rate is below the 2015 National HEDIS benchmark (70 percent). The statewide Other Purchasers rate is the above the 2015 National Commercial benchmark (78 percent).

## Childhood Immunization Status (Combo 3) - *continued*

MHCP children continue to have a significantly lower rate of childhood immunizations than Other Purchasers children. While the immunization rate for MHCP children has been decreasing since 2012, the rate for Other Purchasers children has been increasing. The MHCP statewide rate for childhood immunizations was 69 percent; the rate for Other Purchasers was 80 percent. **Table 14** displays statewide rates for each purchaser since measure implementation.

**Table 14: Statewide Rates for Childhood Immunization Status (Combo 3)**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2015	69.2%	67.7% - 70.6%	3,876	79.6%	10.4%**
2014	72.6%	71.3% - 73.9%	4,421	80.5%	7.9%**
2013	73.6%	72.1% - 75.1%	3,283	80.4%	6.8%**
2012	74.2%	72.7% - 75.6%	3,671	79.6%	5.4%**
2011	71.1%	69.8% - 72.4%	4,823	71.6%	0.5%
2010	75.4%	74.1% - 76.6%	4,496	76.6%	1.2%
2009	74.7%	73.2% - 76.1%	3,625	79.7%	5.0%**
2008	72.0%	70.6% - 73.4%	3,896	79.9%	7.9%**
2007	68.2%	66.7% - 69.6%	4,059	78.3%	10.1%**
2006	49.3%	47.5% - 51.0%	9,433	54.5%	5.2%**

\* A confidence interval gives an estimated range of values calculated from a given sample of data. A 95% confidence interval implies a 95% level of confidence that the interval includes the true mean or parameter.

\*\* Denotes a statistically significant difference.

Between 2006 and 2015, the difference between purchasers for Childhood Immunization Status has widened; however, this widening has not been consistent or statistically significant over the years. From 2007 to 2011, the gap substantially narrowed. The only two years that did not have a statistically significant purchaser gap were 2010 and 2011. The gap has widened each year since 2012.

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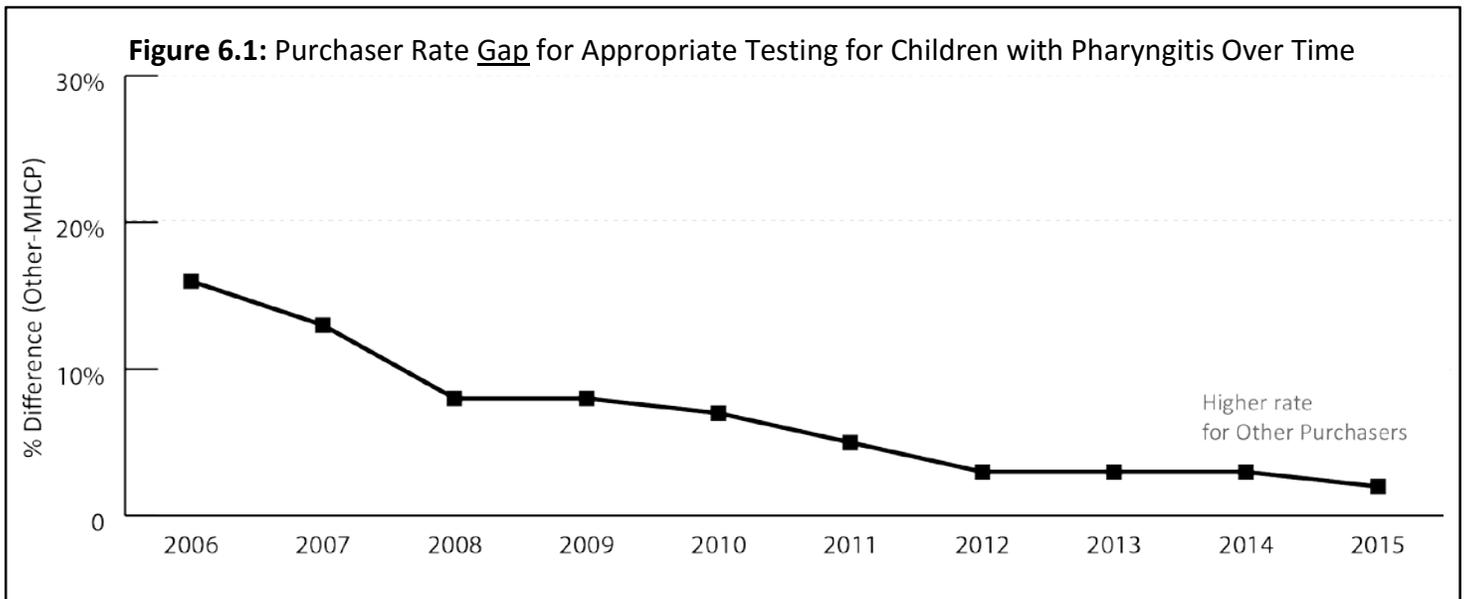
## Chapter Summary

### Differences between MHCP and Other Purchasers

For the 2015 report, significant differences between MHCP and Other Purchasers statewide rates were found for all 12 measures. As in 2014, the largest rate difference was found in Colorectal Cancer Screening with a 20 percentage point difference between MHCP and Other Purchasers. The next largest rate difference was found in Optimal Asthma Control – Adults Ages 18-50 with a 17 percentage point difference, followed by Breast Cancer Screening with a 15 percentage point difference. The smallest rate difference was found in Appropriate Testing for Children with Pharyngitis, with a two percentage point difference between MHCP and Other Purchasers rates. Two measures showed significant change in the rate differences from the first year MNCM started publicly reporting the measure to the current year: Appropriate Treatment for Children with URI and Appropriate Testing for Children with Pharyngitis.

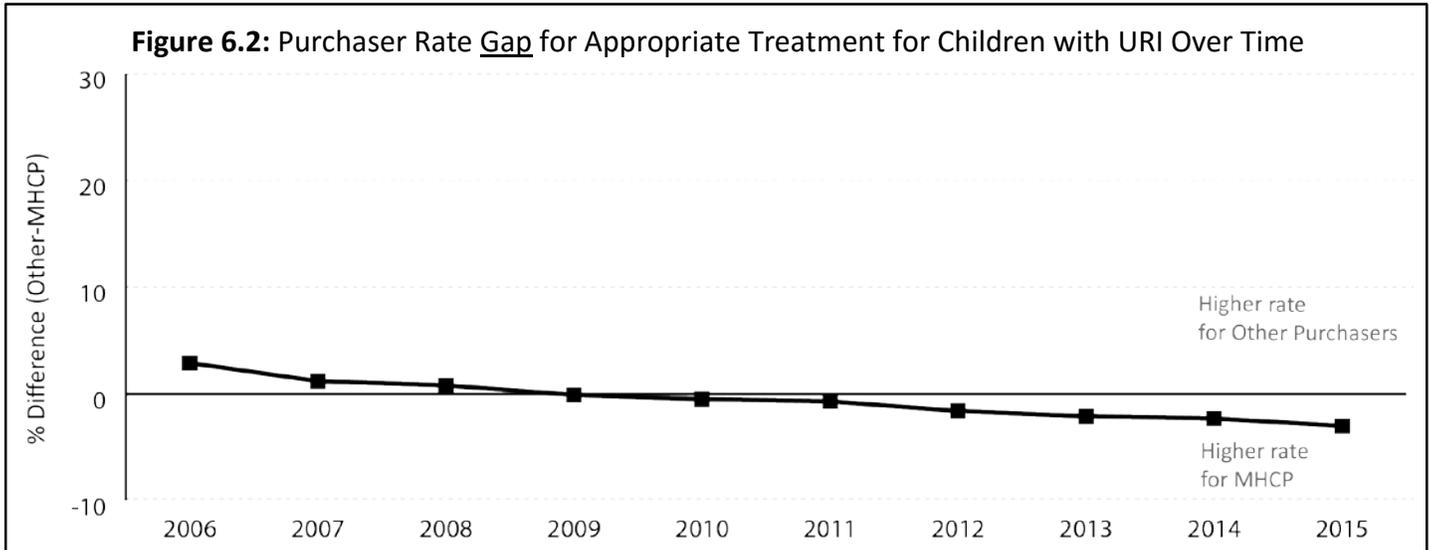
Measures were categorized based on the change in MHCP statewide rates between 2014 and 2015. In this report, the measures are arranged based on the degree of this rate change; beginning with measures that experienced large increases in their MHCP rate and ending with measures that experienced small decreases in their MHCP rate. That said, there were no measures in this report that experienced large increases, large decreases or small decreases in their MHCP rate between 2014 and 2015.

The differences between purchaser rates since measure implementation of the Appropriate Treatment for Children with URI and Appropriate Testing for Children with Pharyngitis measures are shown in **Figures 6.1** and **6.2** (see next page). For pharyngitis, the Other Purchaser patients had a higher performance rate compared to MHCP patients in the beginning of measure implementation; however, this trend shifted beginning in 2009 and since then the MHCP performance rate has surpassed the Other Purchaser rate. This measure experienced significant drops in the difference between purchasers during the first few years of public reporting. This could be due to the increased medical staff awareness that a new measure normally receives during its early years of implementation.



## Differences between MHCP and Other Purchasers

For Appropriate Treatment for Children with URI, the Other Purchaser patients had a higher performance rate compared to MHCP patients in the beginning of measure implementation; however, this trend shifted beginning in 2009 and since then the MHCP performance rate has surpassed the Other Purchaser rate and continues to steadily do so.



This report makes it apparent that there is still much work to do in reducing the differences in care received by MHCP patients and Other Purchaser patients in Minnesota. Even though most statewide MHCP rates increased from last year, the gaps between purchasers continue to widen for five measures:

- Colorectal Cancer Screening
- Depression Remission at Six Months
- Appropriate Treatment for Children with URI
- Breast Cancer Screening
- Childhood Immunization Status (Combo 3)

Nevertheless, this report also makes it apparent that many medical groups and clinics are making advances in decreasing the purchaser rate gaps for several measures. This can be seen in more detail in the next section of this report.

Please see the next page.

## Medical Group/Clinic Level Performance Results

### Optimal Diabetes Care by Clinic

For the 2015 report year, 315 clinics were reportable for the Optimal Diabetes Care measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 315 clinics accounted for 35,539 of the 39,207 MHCP patients (91 percent) who were eligible for this measure statewide, and the 315 reportable clinics accounted for 55 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic in this measure, **Allina Health – Annandale**, achieved optimal care with 70 percent of their MHCP patients; while the least successful, **Hennepin County Medical Center (HCMC) Clinics – Coordinated Care Clinic**, achieved it with zero percent of their MHCP patients. A detailed table of clinic performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2015

Sixty-eight clinics had rates and confidence intervals that were greater than the statewide clinic average (43 percent) for MHCP patients. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- |  |   |   |
|--|---|---|
| ○ Allina Health - Annandale                                | ○ Fairview Bloomington Lake Xerxes                      | ○ Allina Health - Ramsey                                |
| ○ Park Nicollet Clinic - Prairie Center                    | ○ Allina Health - Champlin                              | ○ Fairview Brooklyn Park Clinic                         |
| ○ Allina Health - Chanhassen (Quello)                      | ○ Entira Family Clinics - North St. Paul                | ○ Park Nicollet Clinic - Shakopee                       |
| ○ Entira Family Clinics - White Bear Lake-Bellaire Avenue  | ○ Sanford Moorhead Internal Medicine                    | ○ Multicare Associates - Fridley Medical Center         |
| ○ Park Nicollet Clinic - Chanhassen                        | ○ Fairview Elk River Clinic                             | ○ Fairview Eagan Clinic                                 |
| ○ HealthPartners - Arden Hills                             | ○ St. Cloud Medical Group - NW-IHN                      | ○ Allina Health - Forest Lake                           |
| ○ Entira Family Clinics - White Bear Lake/Banning Ave      | ○ Park Nicollet Clinic - Maple Grove                    | ○ Allina Health - West St. Paul                         |
| ○ Allina Health - Eagan                                    | ○ Allina Health - Centennial Lakes (Quello)             | ○ Allina Health - Maplewood (Aspen)                     |
| ○ Fairview Highland Park Clinic                            | ○ Fairview Crosstown Clinic                             | ○ St. Cloud Medical Group - South -IHN                  |
| ○ HealthPartners - Brooklyn Center                         | ○ Fairview Uptown Clinic                                | ○ CentraCare River Campus- Internal Medicine            |
| ○ Allina Health - Richfield                                | ○ Park Nicollet Clinic - Carlson                        | ○ Entira Family Clinics - Inver Grove Heights           |
| ○ Park Nicollet Clinic - Eagan                             | ○ Fairview Burnsville Clinic                            | ○ North Memorial Clinic - Brooklyn Park Physicians      |
| ○ Fairview Oxboro Clinic                                   | ○ St. Cloud Medical Group - Clearwater - IHN            | ○ Allina Health - Coon Rapids                           |
| ○ Affiliated Community Medical Centers - New London Clinic | ○ Park Nicollet Clinic - St. Louis Park Family Medicine | ○ HealthPartners - Midway                               |
| ○ Fairview Rogers Clinic                                   | ○ Park Nicollet Clinic - Burnsville                     | ○ Allina Health - Faribault                             |
| ○ HealthPartners - Ctr for Internatl Hlth                  | ○ Park Nicollet Clinic - Brookdale                      | ○ Allina Health - Cottage Grove                         |
| ○ Entira Family Clinics - Vadnais Heights                  | ○ EH-Park Rapids  | ○ Affiliated Community Medical Centers- Marshall Clinic |
| ○ Essentia Health - Moorhead                               | ○ Park Nicollet Clinic - Bloomington                    | ○ Mayo Clinic Health System Fairmont                    |
| ○ Allina Health - Uptown                                   | ○ Mayo Clinic Health System St. Peter                   | ○ Allina Health - United Medical Specialties            |
| ○ Park Nicollet Clinic - St. Louis Park Internal Medicine  | ○ Apple Valley Medical Clinic - Family Practice         | ○ HealthPartners - Riverside                            |
| ○ St Luke's Clinics-P.S. Rudie Medical Clinic              | ○ Fairview New Brighton Clinic                          | ○ Mayo Clinic Health System Owatonna                    |
| ○ Allina Health - Woodbury                                 | ○ Chippewa County Montevideo Hospital & Medical Clinic  | ○ Affiliated Community Medical Centers - Willmar Clinic |
| ○ Entira Family Clinics - Maplewood/Battle Creek           |   | ○ United Hospital District Clinic                       |

## Medical Group/Clinic Level Performance Results

### Optimal Diabetes Care by Clinic - *continued*

#### **Largest Improvement from 2014 to 2015**

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Diabetes Care by Medical Group

For the 2015 report year, 81 medical groups were reportable for the Optimal Diabetes Care measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 81 medical groups accounted for 38,350 of the 39,207 MHCP patients (98 percent) who were eligible for this measure statewide, and the 81 reportable medical groups accounted for 68 percent of medical groups providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful medical group in this measure, **Lakewood Health System**, achieved optimal care with 60 percent of their MHCP patients, while the least successful, **Lakewood Health Center Clinic**, achieved it with 15 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Thirteen medical groups had rates and confidence intervals greater than the statewide average (43 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Essentia Health - West
- Apple Valley Medical Clinic
- Chippewa County Montevideo Hospital & Medical Clinic
- Park Nicollet Health Services
- Entira Family Clinics
- Allina Health Clinics
- Multicare Associates
- Affiliated Community Medical Centers
- Integrity Health Network
- Fairview Health Services
- North Memorial
- United Hospital District Clinic
- Mayo Clinic Health System

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2013 to 2015)

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Vascular Care by Clinic

For the 2015 report year, 95 clinics were reportable for the Optimal Vascular Care measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 95 clinics accounted for 6,155 of the 10,216 MHCP patients (60 percent) who were eligible for this measure statewide, and the 95 reportable clinics accounted for 17 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic for this measure, **University of Minnesota Heart Care at Fairview Southdale Hospital**, achieved optimal care with 80 percent of their MHCP patients; while the least successful, **Community-University Health Care Center**, achieved it with 25 percent of their MHCP patients. A detailed table of clinic performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2015

Eight clinics had rates and confidence intervals greater than the statewide clinic average (58 percent) for MHCP patients. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- University of Minnesota Heart Care at Fairview Southdale Hospital
- Stillwater Medical Group - Curve Crest Clinic
- St. Cloud Medical Group - South -IHN
- Mankato Clinic - Main Street
- Mayo Clinic Health System Mankato Specialty Clinic
- St. Cloud Medical Group - NW- IHN
- Allina Health Specialties - Minneapolis Heart Institute ANW
- St Luke's Clinics-Internal Medicine Associates

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Vascular Care by Medical Group

For the 2015 report year, 43 medical groups were reportable for the Optimal Vascular Care measure because they had at least 30 patients that met measure specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 43 medical groups accounted for 9,486 of the 10,216 MHCP patients (93 percent) who were eligible for this measure statewide, and the 43 reportable medical groups accounted for 36 percent of medical groups providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

There was wide variation in the success of medical groups to achieve optimal vascular care with their MHCP patients. The variation could be due to a number of factors, some of which can be influenced by a medical group. The most successful medical group for this measure, **Mankato Clinic, Ltd.**, achieved optimal care with 72 percent of their MHCP patients; while, the least successful, **Community University Health Care Center**, achieved it with only 25 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Eight medical groups had rates and confidence intervals greater than the statewide medical group average (58 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest performance.

- Mankato Clinic, Ltd.
- Multicare Associates
- Entira Family Clinics
- Integrity Health Network
- Park Nicollet Health Services
- University of Minnesota Physicians
- CentraCare Health
- Mayo Clinic Health System

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2013 to 2015)

The measure specification was revised this year to remove the LDL component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Asthma Control – Children Ages 5-17 by Clinic

For the 2015 report year, 117 clinics were reportable for the Optimal Asthma Control – Children Ages 5-17 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 117 clinics accounted for 9,581 of the 13,842 MHCP patients (69 percent) who were eligible for this measure statewide, and the 117 reportable clinics accounted for 18 percent of clinics providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic, **Allina Health - East Lake Street (Aspen)**, achieved optimal care with 90 percent of their MHCP patients ages 5-17. There were two clinics (**Altru Health System – Main** and **Community University Health Care Center**) that tied for having no MHCP patients ages 5-17 who achieved optimal asthma control. A detailed table of clinic performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2015

Thirty-nine clinics had rates and confidence intervals that were greater than the statewide clinic average (50 percent) for MHCP patients ages 5-17. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- Allina Health - East Lake Street (Aspen)
- Advancements in Allergy and Asthma Care, Ltd.
- South Lake Pediatrics - Minnetonka
- Mankato Clinic - Daniel's Health Center
- Allina Health - Buffalo
- Fairview Lakes Medical Center
- Olmsted Medical Center - Rochester Southeast
- Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg
- Mankato Clinic - Children's Health Center
- Fairview Milaca Clinic
- Park Nicollet Clinic - Shakopee
- CentraCare Health Plaza- Pediatrics
- South Lake Pediatrics - Eden Prairie
- Mayo Clinic Health System Austin
- Allina Health - Bandana Square (Aspen)
- Allina Health - Bloomington (Aspen)
- Fairview Children's Clinic
- Allina Health - Coon Rapids
- Fairview Andover Clinic
- Park Nicollet Clinic - Burnsville
- Sanford Children's Clinic 69th & Louise
- HealthPartners - Coon Rapids
- Fairview Apple Valley Clinic
- HealthPartners - Anoka
- Essentia Health - South University
- Park Nicollet Clinic - Eagan
- Children's Respiratory & Critical Care Specialists - Minnetonka
- HealthPartners - Woodbury
- HealthPartners - Bloomington
- Sanford Children's Clinic MB2
- HealthPartners - Brooklyn Center
- Affiliated Community Medical Centers - Willmar Clinic
- HealthPartners Central Minnesota Clinics
- Fairview Columbia Heights Clinic
- Fairview Oxboro Clinic
- Metropolitan Pediatric Specialists - Burnsville
- Fairview Burnsville Clinic
- Children's Respiratory & Critical Care Specialists - Minneapolis
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Asthma Control – Children Ages 5-17 by Medical Group

For the 2015 report year, 50 medical groups were reportable for the Optimal Asthma Control – Children Ages 5-17 measure because they had at least 30 patients that met measure specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 50 medical groups accounted for 12,896 of the 13,842 MHCP patients (93 percent) who were eligible for this measure statewide, and the 50 reportable medical groups accounted for 38 percent of medical groups providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful medical group for this measure, **Advancements in Allergy and Asthma Care**, achieved optimal care with 88 percent of their MHCP patients ages 5-17. There were four medical groups (**North Clinic, Altru Health System, Riverwood Healthcare Center** and **Community University Health Care Center**) that tied for having no MHCP patients ages 5-17 who achieved optimal asthma control. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Eighteen medical groups had rates and confidence intervals greater than the statewide medical group average (53 percent) for MHCP patients ages 5-17. These medical groups are listed below in order of highest to lowest performance.

- Advancements in Allergy and Asthma Care
- South Lake Pediatrics
- CentraCare Health
- Olmsted Medical Center
- Mankato Clinic, Ltd.
- Wayzata Children's Clinic
- Essentia Health - West
- Allergy & Asthma Specialists, PA
- Allina Health Clinics
- HealthPartners Central Minnesota Clinics
- Fairview Health Services
- HealthPartners Clinics
- Affiliated Community Medical Centers
- Children's Respiratory & Critical Care Specialists
- Park Nicollet Health Services
- Essentia Health - East Region
- Mayo Clinic Health System
- Hennepin County Medical Center (HCMC) Clinics

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2013-2015)

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Asthma Control – Adults Ages 18-50 by Clinic

For the 2015 report year, 155 clinics were reportable for the Optimal Asthma Control – Adults Ages 18-50 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 155 clinics accounted for 9,544 of the 14,757 MHCP patients (65 percent) who were eligible for this measure statewide, and the 155 reportable clinics accounted for 22 percent of clinics providing care to MHCP patients ages 18-50 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

There was wide variation in the success of clinics to achieve optimal asthma care with their MHCP patients ages 18-50. The variation could be due to a number of factors, some of which can be influenced by a clinic. The most successful clinic for this measure, **CentraCare Clinic – Northway**, achieved optimal care with 82 percent of their MHCP patients ages 18-50. There were four clinics (**North Clinic - Oakdale Office in Robbinsdale, Chippewa County Montevideo Hospital & Medical Clinic, Raiter Clinic-IHN** and **Community-University Health Care Center**) that tied for having no MHCP patients ages 18-50 achieved optimal care. A detailed table of clinic level performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2015

Forty-nine clinics had rates and confidence intervals that were greater than the statewide average (42 percent) for MHCP patients aged 18-50. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- CentraCare Clinic - Northway
- Allina Health - Buffalo
- Allina Health - Faribault
- Fairview Uptown Clinic
- Allina Health - Eagan
- Allina Health - Cambridge
- Allina Health - Northfield
- Allina Health - First Street
- HealthPartners Central Minnesota Clinics
- Allina Health Specialties - New Ulm Medical Center
- Fairview New Brighton Clinic
- Fairview Oxboro Clinic
- Park Nicollet Clinic - Bloomington
- Essentia Health - Duluth Clinic 1st St
- Allina Health - East Lake Street (Aspen)
- Allina Health - Richfield
- Allina Health - West St. Paul
- Allina Health - Coon Rapids
- Fairview Zimmerman Clinic
- Essentia Health - Detroit Lakes
- Mayo Clinic Health System Red Wing
- Allina Health - Cottage Grove
- Fairview Lino Lakes Clinic
- Allina Health - Forest Lake
- Allina Health - Bandana Square (Aspen)
- Park Nicollet Clinic - Shakopee
- Fairview Princeton Clinic
- Fairview Elk River Clinic
- Fairview Fridley Clinic
- Essentia Health St. Joseph's Baxter Clinic
- Fairview Highland Park Clinic
- Fairview EdenCenter Clinic
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic
- Park Nicollet Clinic - Maple Grove
- Fairview Apple Valley Clinic
- Fairview Chisago Lakes Clinic
- Fairview Milaca Clinic
- Allergy & Asthma Specialists, PA - Plymouth West Health
- Fairview Hiawatha Clinic
- HealthPartners - Riverside
- HealthPartners - Maplewood
- Fairview Columbia Heights Clinic
- HealthPartners - Coon Rapids
- Allina Health - Woodbury
- Fairview North Branch Clinic
- Fairview Lakes Medical Center
- Allina Health - Maplewood (Aspen)
- Fairview Burnsville Clinic
- Olmsted Medical Center - Rochester Southeast
- Fairview Brooklyn Park Clinic

## Medical Group/Clinic Level Performance Results

### Optimal Asthma Control – Adults Ages 18-50 by Clinic - *continued*

#### **Largest Improvement from 2014 to 2015**

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Optimal Asthma Control – Adults Ages 18-50 by Medical Group

For the 2015 report year, 58 medical groups were reportable for the Optimal Asthma Control – Adults Ages 18-50 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 58 medical groups accounted for 14,025 of the 14,757 MHCP patients (95 percent) who were eligible for this measure statewide, and the 58 reportable medical groups accounted for 43 percent of medical groups providing care to MHCP patients ages 18-50 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

There was wide variation in the success of medical groups to achieve optimal asthma care with their MHCP patients ages 18-50. The variation could be due to a number of factors, some of which can be influenced by a medical group. The most successful medical group for this measure, **HealthPartners Central Minnesota Clinics**, achieved optimal care with 71 percent of their MHCP patients ages 18-50. There were eight medical groups that tied for having no MHCP patients ages 18-50 who achieved optimal asthma care. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Fourteen medical groups had rates and confidence intervals greater than the statewide average (42 percent) for MHCP patients ages 18-50. These medical groups are listed below in order of highest to lowest performance.

- HealthPartners Central Minnesota Clinics
- Children's Respiratory & Critical Care Specialists
- CentraCare Health
- Allina Health Clinics
- Olmsted Medical Center
- Allina Health Specialties
- FirstLight Health System
- Fairview Health Services
- Essentia Health - Central Region
- Essentia Health - West
- Essentia Health - East Region
- Entira Family Clinics (formerly Family Health Services MN)
- HealthPartners Clinics
- Park Nicollet Health Services

#### Largest Improvement from 2014 to 2015

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2013 to 2015)

The measure specification was revised this year to remove the Education & Self-Management component from the measure calculation. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Controlling High Blood Pressure by Medical Group

For the 2015 report year, 66 medical groups were reportable for the Controlling High Blood Pressure measure because they had at least 60 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 66 medical groups accounted for 10,256 of the 11,465 MHCP patients (89 percent) who were eligible for this measure statewide, and the 66 reportable medical groups accounted for 46 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group for this measure, **Entira Family Clinics**, achieved best practice with 92 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 29 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Seventeen medical groups had rates and confidence intervals greater than the statewide medical group average (70 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest performance.

- Entira Family Clinics
- Essentia Health - West Region
- CentraCare Health
- HealthEast Clinics
- Mayo Clinic Health System- Owatonna
- Unity Family Healthcare - Avon
- Essentia Health St. Mary's
- United Family Medicine
- Mayo Clinic Health System - Red Wing
- Allina Health Specialties
- Essentia Health- East Region
- Essentia Health - Central Region
- Affiliated Community Medical Centers
- Mayo Clinic Health System- Albert Lea
- Fairview Medical Group
- HealthPartners Clinics
- Park Nicollet Health Services

#### Largest Improvement from 2014 to 2015

The adequate control criteria for this measure was revised this year to consider diabetes diagnosis. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2013 to 2015)

The adequate control criteria for this measure was revised this year to consider diabetes diagnosis. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Appropriate Testing for Children with Pharyngitis by Medical Group

For the 2015 report year, 76 medical groups were reportable for the Appropriate Testing for Children with Pharyngitis measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 76 medical groups accounted for 11,056 of the 12,435 MHCP patients (89 percent) who were eligible for this measure statewide, and the 76 reportable medical groups accounted for 50 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Four medical groups achieved best practice with 100 percent of their MHCP patients: **FamilyHealth Medical Clinics, Southdale Pediatric Associates Ltd, South Lake Pediatrics** and **Pediatric Services - Children's Physician Network**. The least successful medical group, **Thao Xoua MD**, achieved best practice with none of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Twenty medical groups had rates and confidence intervals greater than the statewide medical group average (88 percent) for MHCP patients. These medical groups are listed below in order from high to low performance.

- FamilyHealth Medical Clinics
- Southdale Pediatric Associates Ltd
- South Lake Pediatrics
- Pediatric Services - Children's Physician Network
- Pediatric And Adolescent Services
- Target Clinic
- Minute Clinic Diagnostic, P.A
- Express Healthcare
- Children's Health Care
- Family Practice Medical Center Of Willmar
- Priority Pediatrics Urgent Care
- HealthPartners Clinics
- Pediatric And Young Adult Medicine - Children's Physician Network
- Fridley Children's & Teenagers' Medical Center
- Mankato Clinic
- Children's Clinic Network
- Grand Itasca Clinic
- Fairview Medical Group
- Park Nicollet Health Services
- Emergency Physicians

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Appropriate Testing for Children with Pharyngitis was made by **Essentia Health St. Mary's**, which achieved a 26 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013 to 2015)

A detailed table of medical group performance over time can be found in Appendix 4.

## Medical Group/Clinic Level Performance Results

### Appropriate Treatment for Children with URI by Medical Group

For the 2015 report year, 89 medical groups were reportable for the Appropriate Treatment for Children with URI measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 89 medical groups accounted for 16,093 of the 17,606 MHCP patients (91 percent) who are eligible for this measure statewide, and the 89 reportable medical groups accounted for 56 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Eleven medical groups achieved optimal care with 100 percent of their MHCP patients: **United Family Medicine, Cedar Riverside People's Center, Gateway Family Health Clinic, South Lake Pediatrics, Wayzata Children's Clinic, Pediatric and Adolescent Services, Pediatric Services - Children's Physician Network, Community University Health Care Center, Priority Pediatrics Urgent Care, Express Healthcare and Avera Medical Group- Marshall.** The least successful medical group, **Essentia Health - Fosston,** achieved best practice with 59 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2014

Twenty medical groups had rates and confidence intervals greater than the statewide medical group average (92 percent) for MHCP patients. These medical groups are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- |  |                                       |
|--|---------------------------------------|
| ○ United Family Medicine                         | ○ Children's Clinic Network           |
| ○ Gateway Family Health Clinic                   | ○ HealthEast Clinics                  |
| ○ South Lake Pediatrics                          | ○ Allina Health Specialties           |
| ○ Pediatric And Adolescent Services              | ○ West Side Community Health Services |
| ○ Fridley Children's & Teenagers' Medical Center | ○ HealthPartners Clinics              |
| ○ Hennepin County Medical Center (HCMC) Clinics  | ○ Mayo Clinic                         |
| ○ University of Minnesota Physicians             | ○ Emergency Physicians                |
| ○ Minute Clinic Diagnostic, P.A                  | ○ Children's Health Care              |
| ○ NorthPoint Health and Wellness Center          | ○ Park Nicollet Health Services       |
| ○ Buffalo Clinic                                 | ○ Fairview Medical Group              |

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Appropriate Treatment for Children with URI was made by **Alexandria Clinic, PA.,** which achieved a 26 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013-2015)

A detailed table of medical group performance over time can be found in Appendix 4.

## Medical Group/Clinic Level Performance Results

### Colorectal Cancer Screening by Clinic

For the 2015 report year, 494 clinics were reportable for the Colorectal Cancer Screening measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 494 clinics accounted for 91,410 of the 97,937 MHCP patients (93 percent) who were eligible for this measure statewide, and the 494 reportable clinics accounted for 70 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic for this measure, **Southdale Obstetrics and Gynecology Consultants- Edina**, achieved best practices with 95 percent of their MHCP patients; while the least successful, **AXIS Medical Center** achieved it with only two percent of their MHCP patients. A detailed table of clinic level performance rates can be found in Appendix 3.

## Medical Group/Clinic Level Performance Results

### Colorectal Cancer Screening by Clinic - *continued*

#### Clinics with Above Average MHCP Rates in Report Year 2015

One hundred fifty five clinics had rates and confidence intervals greater than the statewide average (54 percent) for MHCP patients. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- o Southdale Obstetrics and Gynecology Consultants- Edina
- o Obstetrics, Gynecology and Infertility - Edina
- o Sanford Women's Internal Medicine
- o Allina Health - Chanhassen (Quello)
- o CentraCare Health Plaza-Internal Medicine
- o Fairview Crosstown Clinic
- o Lakewood Health System - Staples Clinic
- o Allina Health - Sharpe Dillon Cockson & Associates PA
- o Partners Obstetrics & Gynecology, PA
- o Mayo Clinic Health System Waterville
- o Allina Health - Buffalo
- o Edina Sports Health & Wellness
- o Mayo Clinic Health System Mankato Specialty Clinic
- o North Memorial Clinic - Rockford Road
- o Sanford Internal Medicine Clinic
- o Sanford Canton-Inwood Clinic
- o Sanford Health Brookings Clinic
- o Sanford Women's OB/GYN Clinic
- o Mayo Clinic Health System Montgomery
- o HealthPartners - Ctr for Internatl Hlth
- o Allina Health - Uptown
- o Sanford Health Pierre Clinic
- o Allina Health - Savage (Quello)
- o Mayo Clinic Health System Belle Plaine
- o Fairview Rogers Clinic
- o Sanford 49th and Oxbow Family Medicine
- o Mayo Clinic Health System New Prague
- o Allina Health - Blaine
- o Fairview Maple Grove Medical Center
- o HealthPartners - Inver Grove Heights
- o Fairview Eagan Clinic
- o Diamond Women's Center
- o Fairview Apple Valley Clinic
- o Allina Health Specialties - Abbott Northwestern
- o General Medicine Associates - Edina
- o Allina Health - Centennial Lakes (Quello)
- o HealthPartners - Arden Hills
- o Mayo Clinic Health System Fairmont
- o CentraCare Health- Sauk Centre
- o Fairview Elk River Clinic
- o CentraCare Health- Long Prairie
- o HealthPartners - Bloomington
- o Allina Health - Annandale
- o HealthPartners - West
- o Fairview Oxboro Clinic
- o Burnsville Family Physicians
- o Sanford Health Detroit Lakes Clinic
- o Gunderson Health System - La Crescent Clinic
- o Allina Health - Richfield
- o Fairview Princeton Clinic
- o Allina Health - Ramsey
- o CentraCare Health Plaza-Obstetrics and Women's Clinic
- o Fairview Savage Clinic
- o Allina Health - Inver Grove Heights (Aspen)
- o HealthPartners - University Ave
- o Fairview Fridley Clinic
- o Allina Health - Shoreview
- o Sanford Bemidji Black Duck Clinic
- o Fairview Burnsville Clinic
- o Allina Health - Hopkins (Aspen)
- o Allina Health - St. Michael
- o Mayo Clinic Health System Mankato Eastridge
- o EH- Walker
- o Fairview Hiawatha Clinic
- o Mayo Clinic Health System Owatonna
- o Mayo Clinic Health System Faribault Hwy 60
- o Allina Health - Coon Rapids
- o HealthPartners - Maplewood
- o Sanford 69th and Minnesota Family Medicine
- o CentraCare River Campus-Internal Medicine
- o Allina Health - Plymouth
- o Sanford 26th and Sycamore Family Medicine
- o Allina Health - Isles
- o Sanford Bemidji Cass Lake Clinic
- o Allina Health - Forest Lake
- o Sanford Aberdeen Clinic
- o Allina Health - Highland Park (Aspen)
- o Fairview Brooklyn Park Clinic
- o Essentia Health - Duluth Clinic 1st St
- o CentraCare Clinic - Northway
- o Fairview Bloomington Lake Xerxes
- o Fairview Prior Lake Clinic
- o Allina Health - Nininger Road
- o Mayo Clinic Health System St. Peter
- o Mayo Clinic Health System Mankato Northridge
- o Mayo Clinic Health System Wabasha
- o St. Cloud Medical Group - Clearwater - IHN
- o Sanford Bemidji Main Clinic Internal Medicine
- o Allina Health - Nicollet Mall
- o HealthPartners - White Bear Lake
- o Fairview New Brighton Clinic
- o Range Regional Health Services dba Fairview
- o Mesaba Clinic - Mountain Iron
- o Allina Health - Farmington
- o University of Minnesota Health - Primary Care Center
- o Sanford Perham Clinic
- o Mayo Clinic Health System Cannon Falls
- o Allina Health - Shakopee
- o Alexandria Clinic, A Service of Douglas County Hospital
- o Stillwater Medical Group - Curve Crest Clinic
- o Allina Health - Cambridge
- o HealthPartners - Hlth Ctr for Women
- o Fairview Chisago Lakes Clinic
- o Affiliated Community Medical Centers - Benson Clinic
- o Affiliated Community Medical Centers-
- o Marshall Clinic
- o Allina Health - Bandana Square (Aspen)
- o HealthPartners - Coon Rapids
- o Essentia Health St. Joseph's - Brainerd Clinic
- o Essentia Health St. Joseph's - Crosslake Clinic
- o HealthPartners - Como
- o Mayo Clinic Health System Albert Lea
- o Allina Health - West St. Paul
- o Allina Health - Bloomington (Aspen)
- o Park Nicollet Clinic - Carlson
- o HealthPartners - Woodbury
- o Allina Health - East Lake Street (Aspen)
- o Fairview Uptown Clinic
- o Allina Health - Edina
- o Affiliated Community Medical Centers - Willmar Clinic
- o Park Nicollet Clinic - Golden Valley
- o Allina Health - Eagan
- o Essentia Health - Deer River Clinic
- o University of Minnesota Health - Smiley's Family Medicine Clinic
- o Allina Health - Chaska
- o Mayo Clinic - Baldwin Building, Family Medicine
- o Sanford Bemidji Main Clinic Family Medicine
- o Park Nicollet Clinic - St. Louis Park Internal Medicine
- o Sanford 34th and Kiwanis Family Medicine
- o Allina Health - Burnsville (Quello)
- o HealthPartners - Andover
- o Fairview EdenCenter Clinic
- o Mayo Clinic Health System Austin
- o Fairview Milaca Clinic
- o Mayo Clinic - Baldwin Building, Primary Care Internal Medicine
- o Fairview Highland Park Clinic
- o Park Nicollet Clinic - Prairie Center
- o Altru Health System - Main
- o HealthPartners - Brooklyn Center
- o Allina Health - Champlin
- o Allina Health - Northfield
- o Allina Health - Woodbury
- o Sanford Bemidji 1611 Anne St Clinic
- o Mankato Clinic - Main Street
- o Essentia Health - Detroit Lakes
- o HealthPartners - Midway
- o Allina Health - Cottage Grove
- o Sanford Thief River Falls Clinic
- o Essentia Health - Ely Clinic
- o Allina Health - Maplewood (Aspen)
- o Essentia Health St. Joseph's Baxter Clinic
- o Allina Health Specialties - New Ulm Medical Center
- o HealthPartners - Riverside
- o Fairview Lakes Medical Center

## Medical Group/Clinic Level Performance Results Colorectal Cancer Screening by Clinic - *continued*

### **Largest Improvement from 2014 to 2015**

The largest clinical improvement since report year 2014 in Colorectal Cancer Screening was made by **Prairie Ridge Hospital & Health Services – Morris**, which achieved a 59 percentage point increase for their MHCP patients.

## Medical Group/Clinic Level Performance Results

### Colorectal Cancer Screening by Medical Group

For the 2015 report year, 103 medical groups were reportable for the Colorectal Cancer Screening measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 103 medical groups accounted for 93,411 of the 97,937 MHCP patients (95 percent) who are eligible for this measure statewide, and the 103 reportable medical groups accounted for 76 percent of medical groups providing care to MHCP patients in Minnesota who submitted data to MNMCM for this measure.

The most successful medical group for this measure, **Southdale Ob/Gyn Consultants**, achieved best practice with 95 percent of their MHCP patients; while the least successful medical group, **Axis Medical Center**, achieved best practice with only two percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Twenty-four medical groups had rates and confidence intervals greater than the statewide average (54 percent) for MHCP patients. These medical groups are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- Southdale Ob/Gyn Consultants
- Obstetrics and Gynecology Associates
- John A. Haugen Associates, PA
- Partners Ob/Gyn
- Edina Sports Health & Wellness
- Western ObGyn
- Lakewood Health System
- Burnsville Family Physicians
- Alexandria Clinic
- Allina Health Clinics
- Fairview Health Services
- Mayo Clinic Health System
- Stillwater Medical Group
- CentraCare Health
- HealthPartners Clinics
- Mayo Clinic
- Allina Health Specialties
- Sanford Health - Sioux Falls Region
- Affiliated Community Medical Centers
- Mankato Clinic, Ltd.
- Essentia Health - Central Region
- Essentia Health - East Region
- Integrity Health Network
- Sanford Health - Fargo Region

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Colorectal Cancer Screening was made by **Partners Ob/Gyn**, which achieved a 21 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013-2015)

A detailed table of medical group performance over time can be found in Appendix 4.

## Medical Group/Clinic Level Performance Results

### Chlamydia Screening in Women by Medical Group

For the 2015 report year, 80 medical groups were reportable for the Chlamydia Screening in Women measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 80 medical groups accounted for 17,177 of the 20,199 MHCP patients (85 percent) who were eligible for this measure statewide, and the 80 reportable medical groups accounted for 47 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group in this measure, **Face To Face Health & Counseling**, achieved best practice with 94 percent of their MHCP patients; while the least successful, **Glencoe Regional Health Services**, achieved it with only ten percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Twelve medical groups had rates and confidence intervals greater than the statewide medical group average (58 percent) for MHCP patients. These medical groups are listed in order of highest to lowest performance.

- Face To Face Health & Counseling
- Planned Parenthood Of Minnesota, North Dakota, South Dakota
- NorthPoint Health and Wellness Center
- HealthPartners Clinics
- Hennepin County Medical Center (HCMC) Clinics
- Family Health Center
- Neighborhood Healthsource
- West Side Community Health Services
- Allina Health Specialties
- Community University Health Care Center
- United Family Medicine
- Fairview Medical Group

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Chlamydia Screening in Women was made by **Stillwater Medical Group**, which achieved a 17 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013 to 2015)

A detailed table of medical group performance over time can be found in Appendix 4.

## Medical Group/Clinic Level Performance Results

### Depression Remission at Six Months by Clinic

For the 2015 report year, 242 clinics were reportable for the Depression Remission at Six Months measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 242 clinics accounted for 18,048 of the 22,195 MHCP patients (81 percent) who were eligible for this measure statewide, and the 242 reportable clinics accounted for 40 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic for this measure, **Entira Family Clinics - West St. Paul**, achieved remission at six months with 23 percent of their MHCP patients. Forty-one clinics tied for having no MHCP patients who achieved depression remission at six months. A detailed table of clinic performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2015

Twenty-two clinics had rates and confidence intervals greater than the statewide average (six percent) for MHCP patients. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- Entira Family Clinics - West St. Paul
- Park Nicollet Clinic - Chanhassen
- Fairview Milaca Clinic
- Park Nicollet Clinic - Eagan
- Essentia Health - Hermantown Clinic
- Mankato Clinic - North Mankato
- Allina Health - West St. Paul
- Fairview Andover Clinic
- Allina Health - Ramsey
- Allina Health - St. Michael
- Fairview Elk River Clinic
- Allina Health - Forest Lake
- Allina Health - First Street
- Essentia Health - Detroit Lakes
- Park Nicollet Clinic - Bloomington
- Park Nicollet Clinic - Brookdale
- Olmsted Medical Center - Rochester Southeast - Psychiatry
- Allina Health - Buffalo
- Fairview North Branch Clinic
- Allina Health - Northfield
- Allina Health - Cambridge
- Allina Health - Coon Rapids

#### Largest Improvement from 2014 to 2015

The largest clinic improvement since report year 2014 in Depression Remission at Six Months was made by **Fairview Milaca Clinic**, achieving a 16 percentage point increase for their MHCP patients.

## Medical Group/Clinic Level Performance Results

### Breast Cancer Screening by Medical Group

For the 2015 report year, 72 medical groups were reportable for the Breast Cancer Screening measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 72 medical groups accounted for 17,221 of the 21,143 MHCP patients (81 percent) who were eligible for this measure statewide, and the 72 reportable medical groups accounted for 43 percent of the medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group for this measure, **Mayo Clinic Health System- Franciscan Healthcare**, achieved best practice with 82 percent of their MHCP patients; while the least successful, **St. Paul Family Medical Center**, achieved it with only 19 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Eleven medical groups had rates and confidence intervals greater than the statewide medical group average (65 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest.

- Mayo Clinic Health System- Franciscan Healthcare
- Mayo Clinic Health System - Fairmont
- HealthPartners Clinics
- Mayo Clinic Health System- Owatonna
- Mayo Clinic
- Alexandria Clinic, PA.
- Olmsted Medical Center
- Affiliated Community Medical Centers
- Allina Health Specialties
- Mayo Clinic Health System- Albert Lea
- Hennepin County Medical Center (HCMC) Clinics

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Breast Cancer Screening was made by **North Clinic**, which achieved a 16 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013 to 2015)

The age criterion for this measure was revised from 50-69 years to 50-74 year in 2014. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Childhood Immunization Status (Combo 3) by Medical Group

For the 2015 report year, 32 medical groups were reportable for the Childhood Immunization Status (Combo 3) measure because they had at least 60 patients in their sample – a large enough sample to ensure a reasonable level of confidence in the reported rate. These 32 medical groups accounted for 2,949 of the 3,876 MHCP patients (76 percent) who were eligible for this measure statewide, and the 32 reportable medical groups accounted for 23 percent of medical groups providing care to MHCP patients in Minnesota identified through health plan claims data for this measure.

The most successful medical group for this measure, **Avera Medical Group- McGreevy Clinic, United Medical Center, Worthington Specialty Clinic**, achieved best practice with 82 percent of their MHCP patients; while the least successful, **Children's Clinic Network**, achieved it with 50 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

#### Medical Groups with Above Average MHCP Rates in Report Year 2015

Two medical groups had rates and confidence intervals greater than the statewide medical group average (71 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Avera Medical Group- McGreevy Clinic, United Medical Center, Worthington Specialty Clinic
- Mayo Clinic

#### Largest Improvement from 2014 to 2015

The largest medical group improvement since report year 2014 in Childhood Immunization Status (Combo 3) was made by **HealthEast Clinics**, which achieved a 9 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2013 to 2015)

A detailed table of medical group performance over time can be found in Appendix 4.

Please see the next page.

## An Examination of Statewide MHCP Performance Rates by Race and Hispanic Ethnicity

Health care disparities are well-documented and persistent in the United States. These disparities are often based on socioeconomic status, race and ethnicity. Increased reporting of health outcomes by socioeconomic status, race and ethnicity is needed to promote equity of care and evaluate where the gaps remain.<sup>8</sup>

In Minnesota, results from our *Health Care Disparities Reports* have shown patients of lower socioeconomic status have different rates of care even when health care coverage is available, as is the case for patients enrolled in MHCP. These disparities result from multiple factors, one of which may be that a higher proportion of MHCP patients are members of underserved races and ethnicities. Researchers agree that collecting and using data on the races and ethnicities of certain patient populations may build a foundation for understanding and reducing disparities.<sup>1,4</sup> For some measures, available data allows us to examine performance rate differences by race and Hispanic ethnicity at a statewide level within the MHCP patient population.

### Methods

Statewide comparisons by race and Hispanic ethnicity were conducted on the MHCP patient population using enrollment data supplied by the Minnesota Department of Human Services (DHS). DHS sends monthly enrollment data to health plans that contract with the Department to provide health care services to MHCP recipients. This enrollment data includes race and Hispanic ethnicity information for these patients. Race and ethnicity is self-reported by recipients at the time they enroll in MHCP. Recipients are able to declare more than one race on their enrollment form.

Each patient was placed in one of the following race categories:

- American Indian or Alaskan Native
- Asian or Pacific Islander or Native Hawaiian
- Black or African American
- Multi-Racial
- Unknown
- White

Each patient was also placed in the one of the following Hispanic ethnicity categories:

- Hispanic
- Non-Hispanic
- Unknown

These categories generally comply with the Office of Management and Budget directive to provide an accurate basis for comparison purposes. However, Pacific Islander or Native Hawaiian is combined with Asian in this report because of the small number of patients who identified themselves as Pacific Islander or Native Hawaiian. Patients are able to declare more than one race when they enroll in MHCP, allowing MNMCM to calculate rates for a Multi-Racial category. For the analyses within this report, race and Hispanic ethnicity are reported separately. Results are presented for race and Hispanic ethnicity only if there are at least 30 patients in the category.

The following measures are not reported by race and Hispanic ethnicity in this report: Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months. As more clinics submit these data elements and as the data are validated for best practice, MNMCM will be able to report a statewide MHCP rate for these measures by race and Hispanic ethnicity.

# An Examination of Statewide MHCP Performance Rates by Race and Hispanic Ethnicity

## Race Descriptions<sup>†</sup>

- American Indian or Alaskan Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- Asian or Pacific Islander or Native Hawaiian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, or a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- Black or African American: A person having origins in any of the black racial groups of Africa. Terms such as “Haitian” or “Negro” can be used in addition to “Black or African American.”
- Multi-Racial: A person self-identifying with more than one of the following races: American Indian or Alaskan Native; Asian or Pacific Islander or Native Hawaiian; Black or African American; and White. People in this category did not select a catch-all “multi-racial” or “more than one race” category; instead, it was created for reporting purposes.
- Unknown: A person who has not self-reported his or her race during enrollment in MHCP.
- White: A person having origins in any of the original peoples of Europe, the Middle East or North Africa.

## Hispanic Ethnicity Descriptions

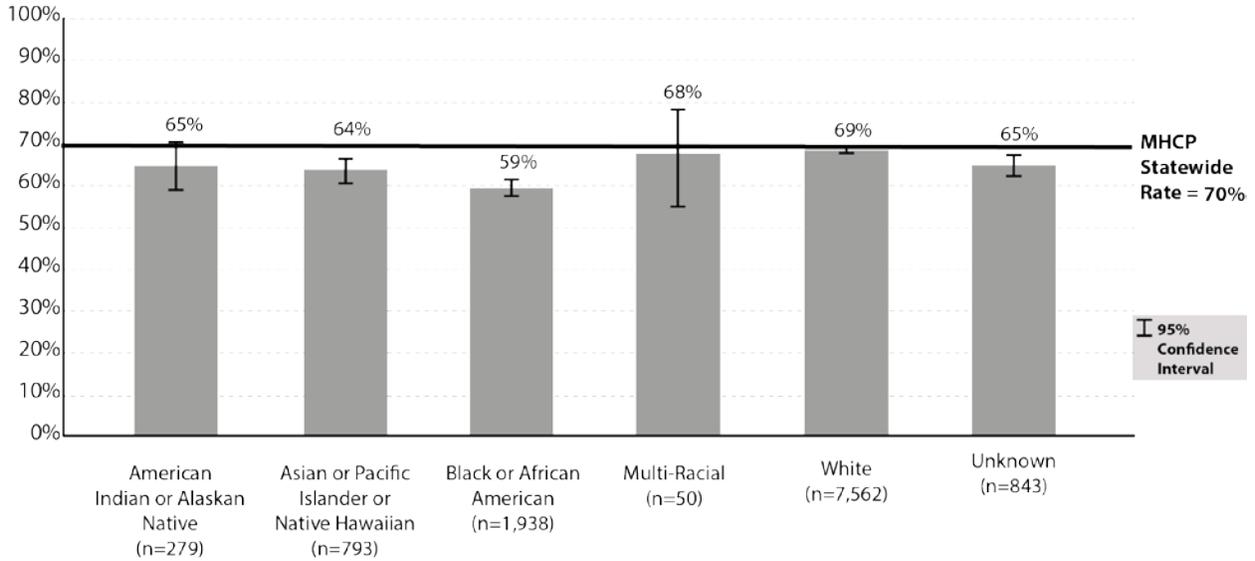
- Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin. The term “Spanish origin” can be used in addition to “Hispanic or Latino.”
- Non-Hispanic: A person who is not of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin.
- Unknown: A person who has not self-reported his or her ethnicity during enrollment in MHCP.

<sup>†</sup> Race and Hispanic Ethnicity definitions are from the Office of Management and Budget.

# Controlling High Blood Pressure

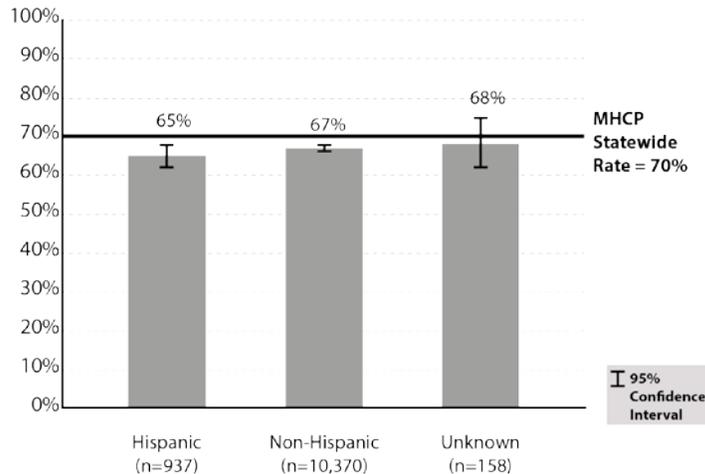
**Figure 7.1** shows the Controlling High Blood Pressure rates by race. The White racial group had the highest rate (69 percent), however, this rate was not significantly above the MHCP statewide rate (70 percent). The Unknown, Asian and Black or African American racial groups had performance rate significantly below the MHCP statewide rate, with the Black or African American racial group having the lowest rate for controlling high blood pressure.

**Figure 7.1: Controlling High Blood Pressure Statewide Rates by Race**



**Figure 7.2** shows the rates of Controlling High Blood Pressure by Hispanic ethnicity. The Unknown ethnicity category had the highest rate of controlling high blood pressure, but this rate was not significantly above the rates of all other ethnic categories or the MHCP statewide rate. Hispanic and Non-Hispanic patients had rates significantly below the MHCP statewide rate. The rates for Hispanics and Non-Hispanics were not significantly different from each other.

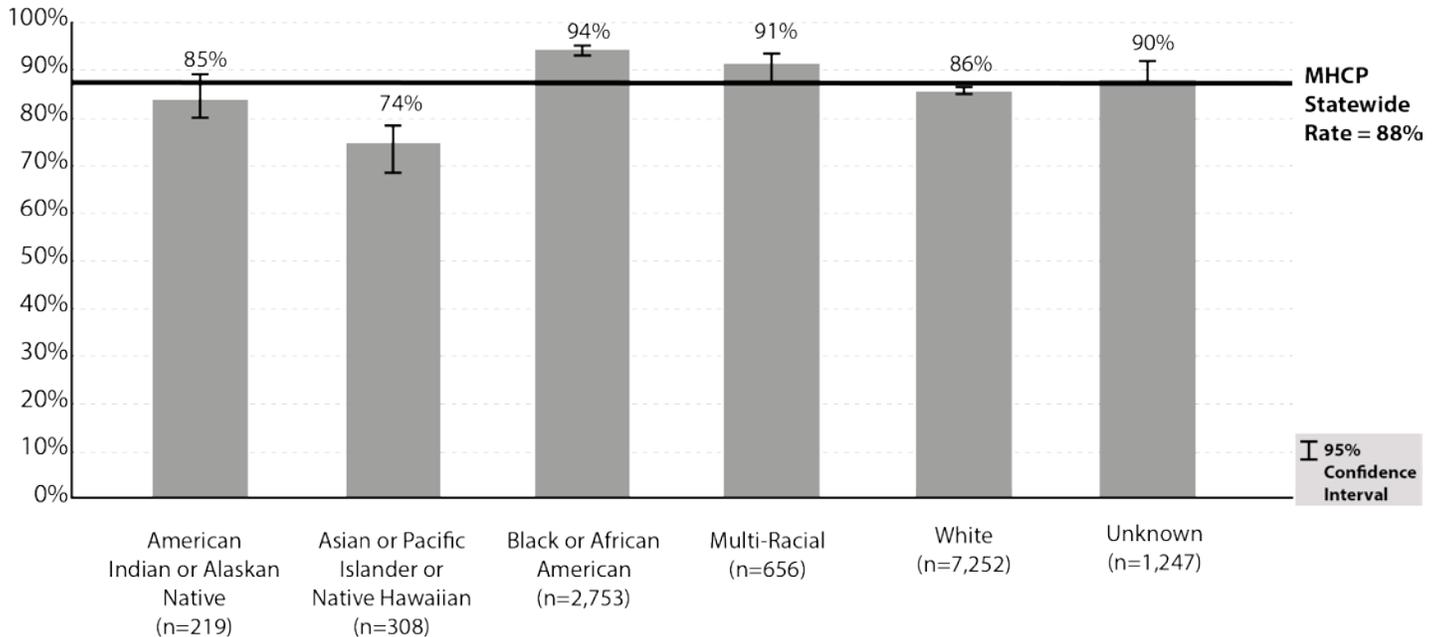
**Figure 7.2: Controlling High Blood Pressure Statewide Rates by Hispanic Ethnicity**



## Appropriate Testing for Children with Pharyngitis

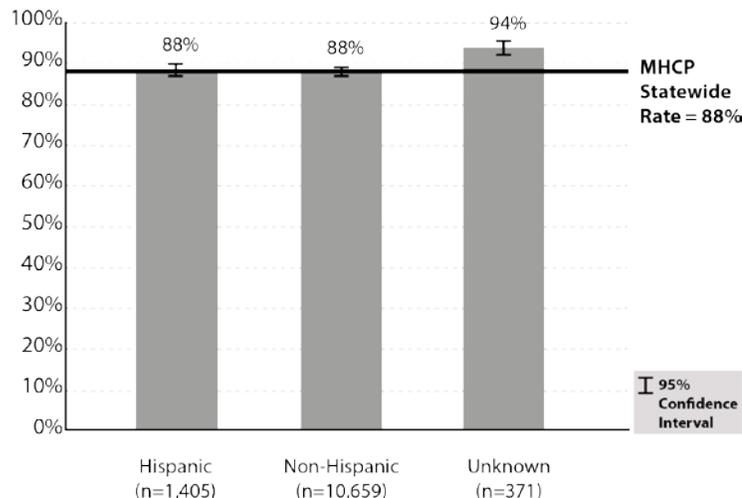
**Figure 8.1** shows the rates of Appropriate Testing for Children with Pharyngitis by race. The Black or African American racial group continued to have the highest rate of appropriate testing, and this rate was significantly above the MHCP statewide rate (88 percent). The other racial groups with a performance rate significantly above the MHCP statewide rate were the Multi-Racial and Unknown patients. The Asian and White racial groups had performance rates significantly below the MHCP statewide rate, with the Asian racial group having the lowest rate of appropriate testing for pharyngitis.

**Figure 8.1:** Appropriate Testing for Children with Pharyngitis Statewide Rates by Race



**Figure 8.2** shows the rates of Appropriate Testing for Children with Pharyngitis by Hispanic ethnicity. The Unknown ethnicity category had a performance rate significantly above the statewide MHCP rate, and the rates for Hispanics and Non-Hispanics. The rate for Non-Hispanics was the lowest performance rate; however, it was not significantly below the MHCP statewide rate.

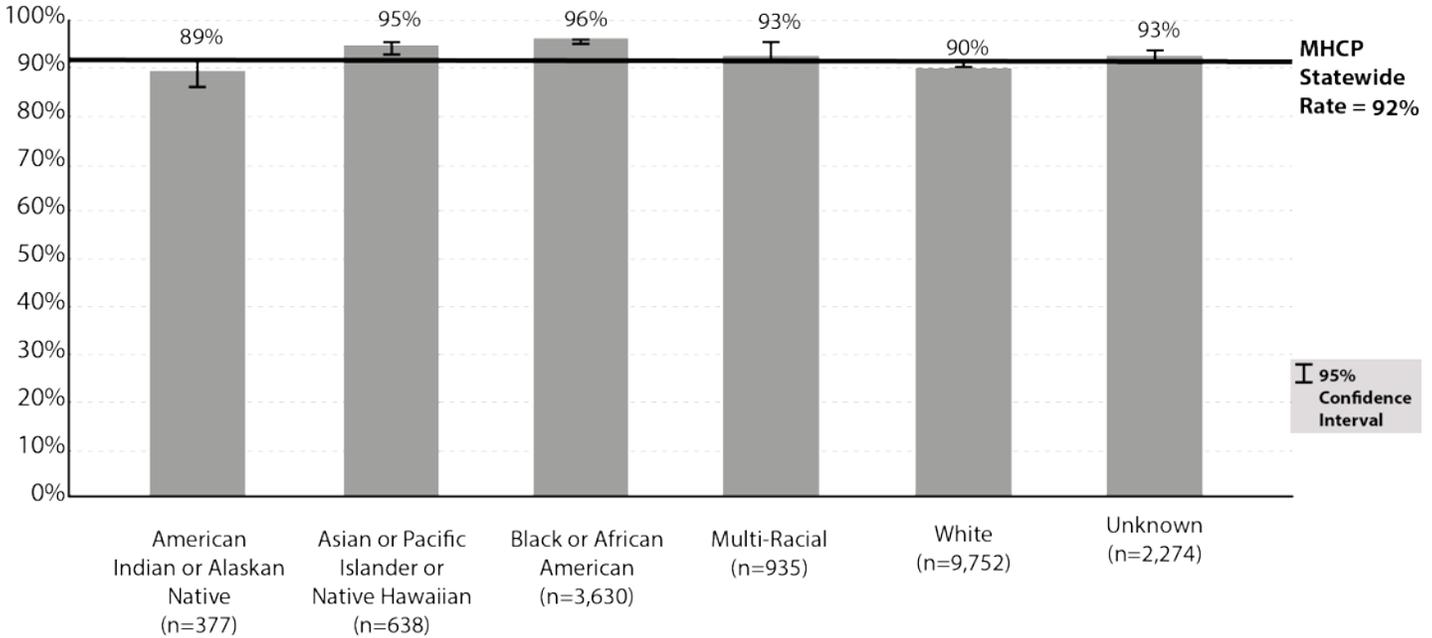
**Figure 8.2:** Appropriate Testing for Children with Pharyngitis Statewide Rates by Hispanic Ethnicity



## Appropriate Treatment for Children with URI

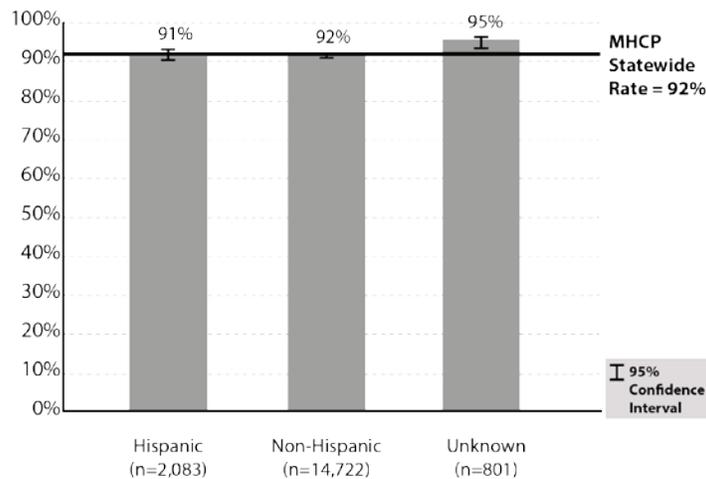
**Figure 9.1** shows Appropriate Treatment for Children with URI rates by race. The Black or African American racial group had the highest rate of appropriate treatment for children with URI (96 percent), and this rate was significantly above the MHCP statewide rate (92 percent). The Asian racial group was the only other group with a rate significantly above the MHCP statewide rate. The White racial group continued to have a performance rate (90 percent) significantly below the statewide MHCP rate. The American Indian or Alaskan Native racial groups had the lowest rate at 89%; however, this was not significantly below the statewide average.

**Figure 9.1:** Appropriate Treatment for Children with URI Statewide Rates by Race



**Figure 9.2** shows Appropriate Treatment for Children with URI rates by Hispanic ethnicity. The Unknown ethnicity category has the highest rate of appropriate treatment, and this rate was significantly above the MHCP statewide rate and the other ethnic categories. Hispanics had the lowest performance rate at 91 percent, but this was not significantly below the MHCP statewide rate.

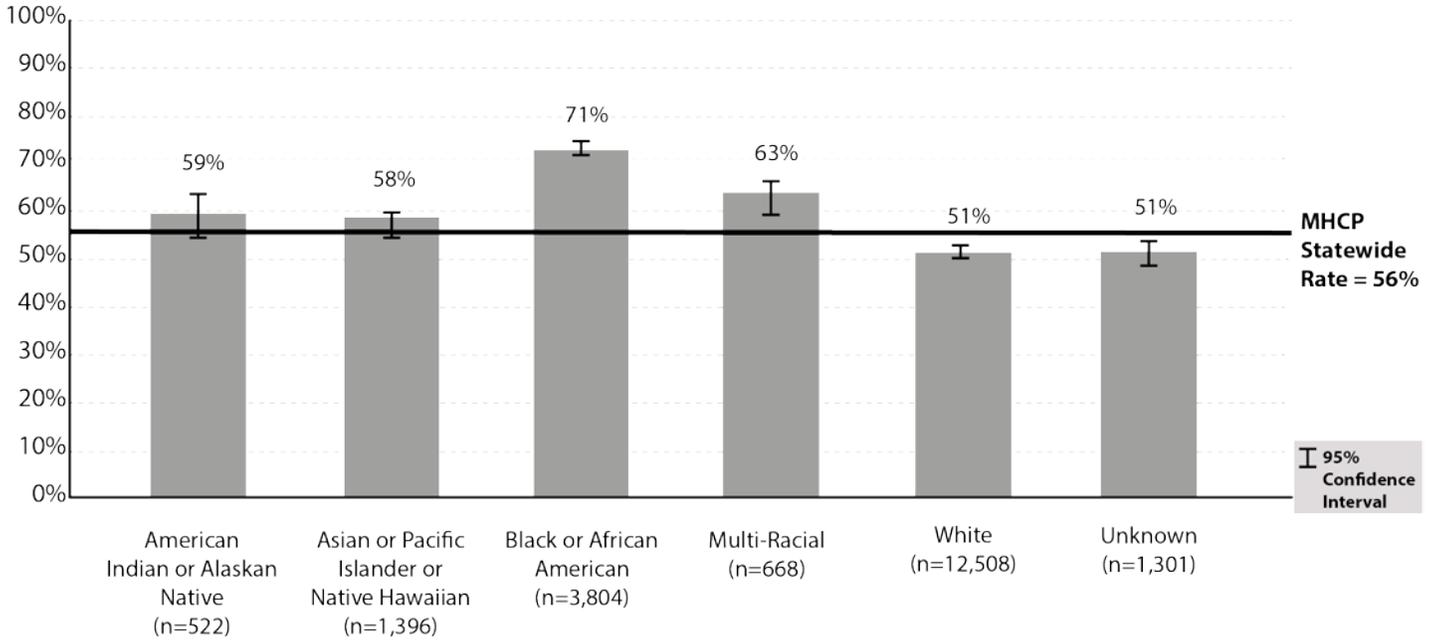
**Figure 9.2:** Appropriate Treatment for Children with URI Statewide Rates by Hispanic Ethnicity



# Chlamydia Screening in Women

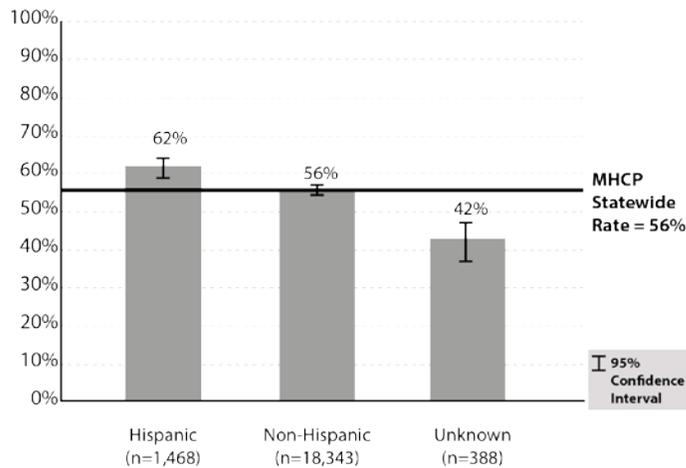
**Figure 10.1** shows Chlamydia Screening in Women rates by race. The Black or African American racial group continued to have the highest chlamydia screening rate, and it was significantly higher than the statewide MHCP rate (56 percent) and the rates for all other racial groups. The Multi-Racial group was the only other group with a rate significantly above the MHCP statewide rate. The White and Unknown racial groups both had the lowest chlamydia screening rate at 51 percent, which in both cases were significantly below the MHCP statewide rate and the rates of all other racial groups.

**Figure 10.1: Chlamydia Screening in Women Statewide Rates by Race**



**Figure 10.2** shows Chlamydia Screening in Women rates by Hispanic ethnicity. Hispanics had a highest rate of chlamydia screening and this was significantly above the MHCP statewide rate, the Non-Hispanic rate and the Unknown ethnicity rate. The Unknown ethnic category had the lowest performance rate which was significantly below the MHCP statewide rate.

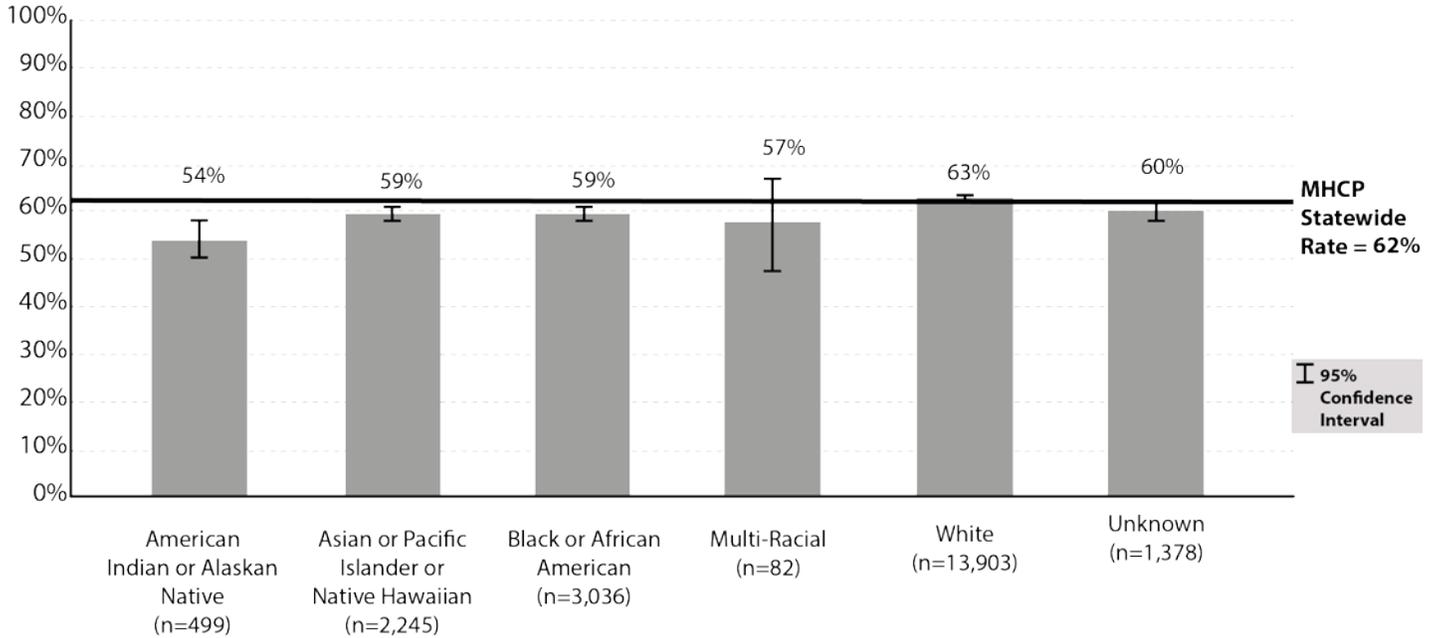
**Figure 10.2: Chlamydia Screening in Women Statewide Rates by Hispanic Ethnicity**



# Breast Cancer Screening

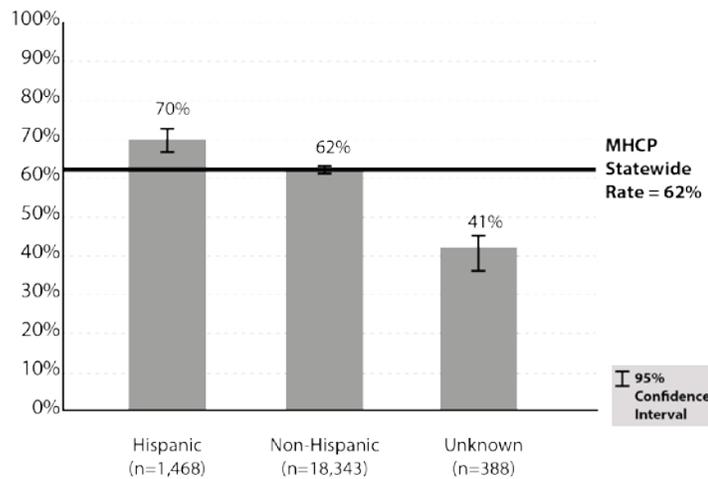
**Figure 11.1** shows the rates of Breast Cancer Screening by race. The White racial group had the highest rate of breast cancer screening, and this rate was significantly above the MHCP statewide rate (62 percent). The White racial group was the only group with a rate significantly above the MHCP statewide rate at 63 percent. The American Indian or Alaskan Native racial group had the lowest rate of breast cancer screening, and this rate was significantly below the MHCP statewide rate. The Black or African American and Asian racial groups also had a rate significantly below the MHCP statewide rate at 59 percent.

**Figure 11.1: Breast Cancer Screening Statewide Rates by Race**



**Figure 11.2** shows the rates of Breast Cancer Screening by ethnicity. Hispanics had the highest rate of breast cancer screening (70 percent), and this rate was significantly above the statewide MHCP rate, the Non-Hispanic rate and the Unknown ethnicity rate. The rate for the Unknown ethnicity category was the lowest and this was significantly below the rate for Hispanics and Non-Hispanics.

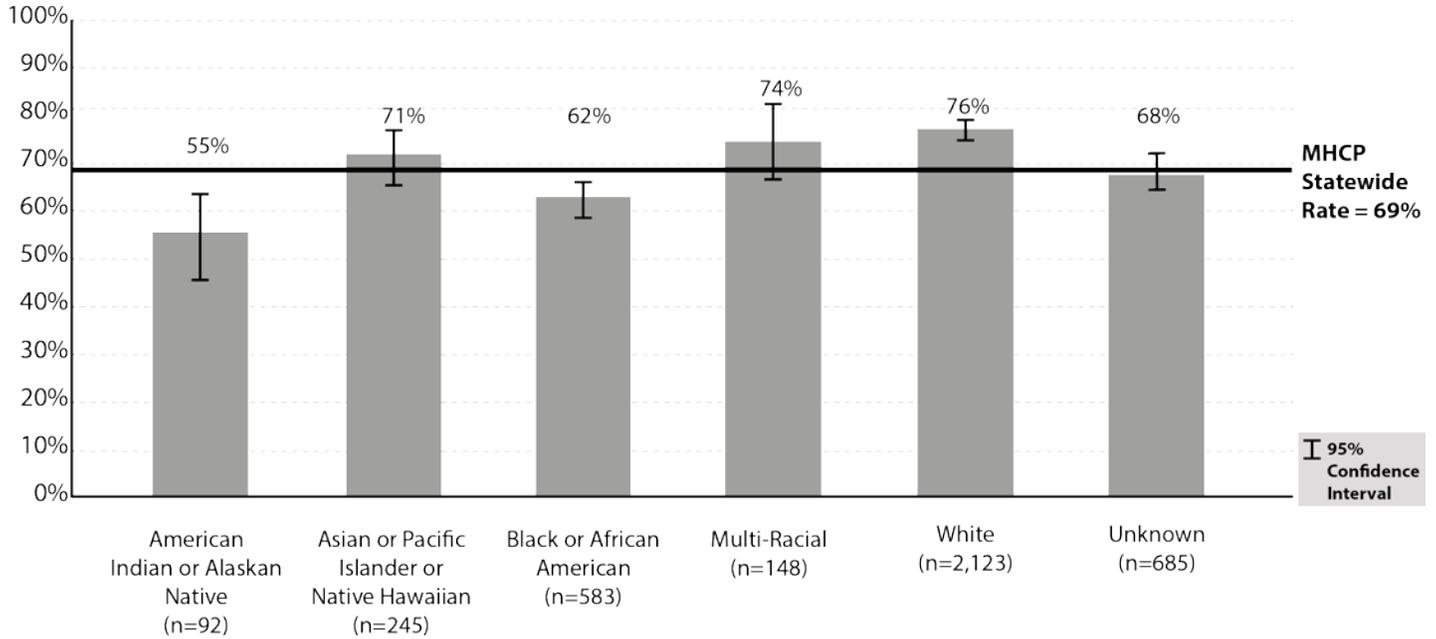
**Figure 11.2: Breast Cancer Screening Statewide Rates by Hispanic Ethnicity**



## Childhood Immunization Status (Combo 3)

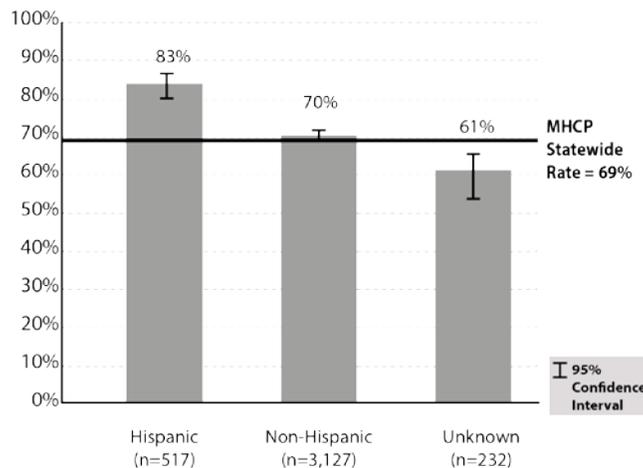
**Figure 12.1** shows Childhood Immunization Status (Combo 3) by race. The White racial group had the highest rate of childhood immunizations, and this rate was significantly above the MHCP statewide rate (69 percent). The only racial group that had a rate significantly above the MHCP statewide rate was the White racial group at 76 percent. The Black or African American and American Indian or Alaskan Native racial groups had rates significantly below the statewide MHCP rate, with the American Indian or Alaskan Native racial group having the lowest rate.

**Figure 12.1: Childhood Immunization Status (Combo 3) Statewide Rates by Race**



**Figure 12.2** shows Childhood Immunization Status (Combo 3) rates by Hispanic ethnicity. Hispanics had the highest rate of childhood immunization status and this rate was significantly above the MHCP statewide rate, as well as the rates for Non-Hispanic and the Unknown ethnic groups. The rate for Hispanics was the only rate significantly higher than the statewide MHCP rate. The Unknown ethnic group had the lowest rate and this was significantly below the MHCP statewide rate.

**Figure 12.2: Childhood Immunization Status (Combo 3) Statewide Rates by Hispanic Ethnicity**



## Summary of Findings by Race

For each measure below, **Table 15** compares each racial group’s statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

**Table 15:** Summary of Findings by Racial Group

Measures/Racial Group	American Indian or Alaskan Native	Asian or Pacific Islander or Native Hawaiian	Black or African American	Multi-Racial	White	Unknown
Controlling High Blood Pressure		↓	↓			↓
Appropriate Testing for Children with Pharyngitis		↓	↑	↑	↓	↑
Appropriate Treatment for Children with Upper Respiratory Infection		↑	↑		↓	
Breast Cancer Screening	↓	↓	↓		↑	
Chlamydia Screening for Women			↑	↑	↓	↓
Childhood Immunization Status (Combo 3)	↓		↓		↑	

↑ = Above MHCP Statewide Average  
 ↓ = Below MHCP Statewide Average  
 Blank = Similar to MHCP Statewide Average  
 N/A = Not Applicable; too few patients to be reported

## Summary of Findings by Race

### American Indian or Alaskan Native

The American Indian or Alaskan Native racial group had the lowest rate for three measures: Appropriate Treatment for Children with URI, Breast Cancer Screening and Childhood Immunization Status (Combo 3). There were no measures where the American Indian or Alaskan Native racial group had the highest rate.

There were two measures (Breast Cancer Screening and Childhood Immunization Status - Combo 3) where the American Indian or Alaskan Native racial group's rate was significantly lower than the MHCP statewide rate. There were no measures where this group's rate was significantly higher than the MHCP statewide rate.

### Asian or Pacific Islander or Native Hawaiian

The Asian or Pacific Islander or Native Hawaiian racial group had the lowest rate for the Appropriate Testing for Children with Pharyngitis measure. There were no measures where the Asian or Pacific Islander or Native Hawaiian racial group had the highest rate.

For three measures (Controlling High Blood Pressure, Appropriate Testing for Children with Pharyngitis and Breast Cancer Screening), this racial group had a performance rate significantly below the MHCP statewide rate. There was one measure (Appropriate Treatment for Children with URI) where this group's rate was significantly higher than the MHCP statewide rate.

### Black or African American

There were three measures where the Black or African American racial group had the highest rates: Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI and Chlamydia Screening in Women. There was one measure (Controlling High Blood Pressure) where the Black or African American racial group had the lowest rate.

For three measures (Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI and Chlamydia Screening in Women), the Black or African American racial group had a performance rate significantly above the MHCP statewide rate; and for three measures (Controlling High Blood Pressure, Breast Cancer Screening and Childhood Immunization Status - Combo 3) this racial group had a performance rate significantly below the MHCP statewide rate.

### Multi-Racial

There were no measures where the Multi-Racial group had the highest or lowest rate.

There are two measures (Appropriate Testing for Children with Pharyngitis and Chlamydia Screening in Women) where the Multi-Racial group had a performance rate significantly above the MHCP statewide rate. The Multi-Racial group did not have a significantly lower rate than the MHCP statewide rate for any measures.

### White

There were three measures where the White racial group had the highest rate: Controlling High Blood Pressure, Breast Cancer Screening and Childhood Immunization Status (Combo 3). The White racial group tied for the lowest rate for Chlamydia Screening in Women.

For two measures (Breast Cancer Screening and Childhood Immunization Status - Combo 3), the White racial group had a performance rate that was significantly above the MHCP statewide rate. For three measures (Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with UR and Chlamydia Screening in Women) the White racial group had a performance rate significantly below the MHCP statewide rate.

## Summary of Findings by Race - *continued*

### Unknown

The Unknown racial group tied for the lowest performance rate for one measure: Chlamydia Screening in Women. There were no measures where the Unknown racial group had the highest rate.

For two measures (Controlling High Blood Pressure and Chlamydia Screening in Women), the rate for the Unknown racial group was significantly below the MHCP statewide rate. For one measure (Appropriate Testing for Children with Pharyngitis), this racial group had a performance rate significantly above the MHCP statewide rate.

## Summary of Findings by Hispanic Ethnicity

For each measure below, **Table 16** compares each Hispanic ethnicity group’s statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

**Table 16:** Summary of Findings by Hispanic Ethnicity Group

Measures/Ethnic Group	Hispanic	Non-Hispanic	Unknown
Controlling High Blood Pressure	↓	↓	
Appropriate Testing for Children with Pharyngitis			↑
Appropriate Treatment for Children with Upper Respiratory Infection			↑
Chlamydia Screening in Women	↑		↓
Breast Cancer Screening	↑		↓
Childhood Immunization Status (Combo 3)	↑		↓

↑ = Above MHCP Statewide Average  
 ↓ = Below MHCP Statewide Average  
 Blank = Similar to MHCP Statewide Average

### Hispanic

For three measures (Breast Cancer Screening, Chlamydia Screening in Women and Childhood Immunization Status - Combo 3), Hispanics had the highest performance rate. Hispanics had the lowest performance rate for Controlling High Blood Pressure. They tied with Non-Hispanics for the lowest performance rate for Appropriate Testing for Children with Pharyngitis. For three measures (Chlamydia Screening in Women, Breast Cancer Screening and Childhood Immunization Status - Combo 3), the performance rates for Hispanics were significantly above the MHCP statewide rate. Hispanics had a performance rate significantly below the MHCP statewide rate for Controlling High Blood Pressure.

### Non-Hispanic

There were no measures where Non-Hispanics had the highest performance rate. Non-Hispanics tied with Hispanics for the lowest rate in Appropriate Testing for Children with Pharyngitis. Non-Hispanics had a performance rate significantly below the MHCP statewide rate for Controlling High Blood Pressure.

### Limitations related to Race/Ethnicity Data

This report includes statewide comparisons by racial and Hispanic ethnicity groups. A minimum of 30 MHCP patients is required to report rates by racial and Hispanic ethnicity group at statewide and medical group levels. Very few medical groups met this minimum reporting threshold, which is necessary for comparisons by race and Hispanic ethnicity across medical groups. As a result, this report does not include medical group rates by race and Hispanic ethnicity.

To be included in a HEDIS measure, a patient must meet specified continuous enrollment criteria. Continuous enrollment in a health plan defines a sufficient timeframe during which a health care service could be performed.

## Summary of Findings by Hispanic Ethnicity - *continued*

A shorter enrollment period makes it less likely that a health care service would be rendered. MHCP patients often have multiple interruptions in enrollment due to events such as the loss of MHCP eligibility. Since MHCP patients who are represented in HEDIS measures are only those with continuous enrollment, the measure may not reflect the experience of all MHCP patients. When HEDIS performance rates are further calculated by race and Hispanic ethnicity, as reported above for the MHCP population, the continuous enrollment criteria may also impact some racial groups more than others. It is important for medical groups and clinics to be aware of the impact that continuous enrollment has on HEDIS measure results in general and for each racial and Hispanic ethnicity group.

Please see the next page.

# An Examination of Statewide MHCP Performance Rates by DHS Region

Statewide results showed variation in performance among the different geographic regions in Minnesota.

## Methods

Statewide comparisons by region were conducted on the MHCP patient population using enrollment data supplied by the Minnesota Department of Human Services (DHS). DHS sends monthly enrollment data to the health plans it contracts with to provide health care services to MHCP patients. Each patient was placed into one of four geographic regions of the state based on the county location of the clinic where they received care at during the measurement period.

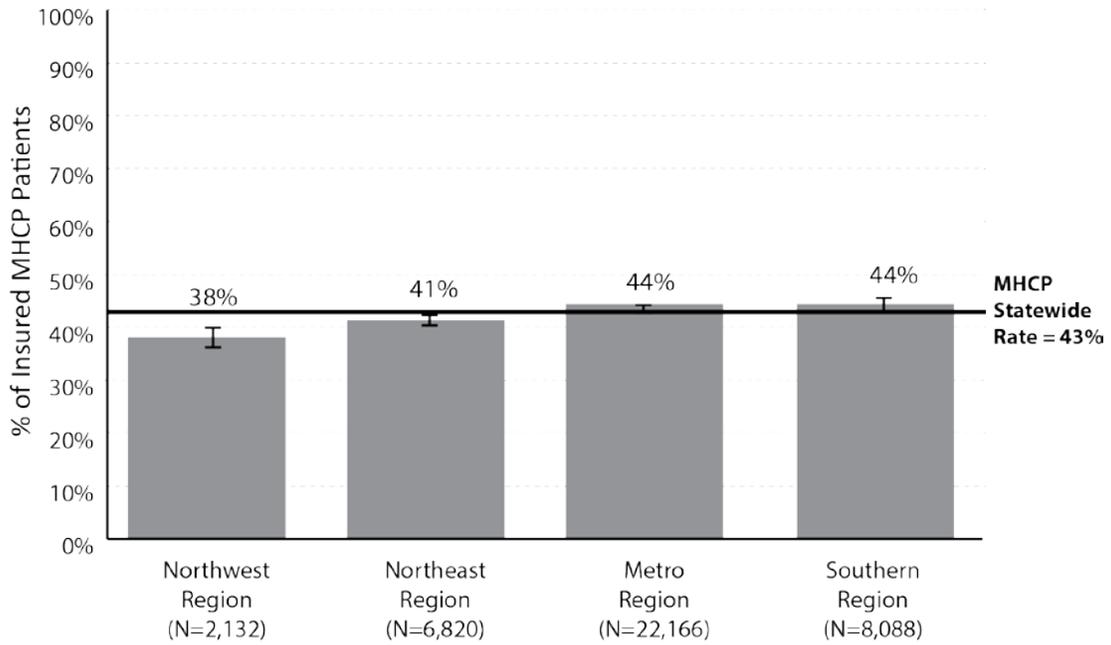
## Region Descriptions

- Northwest region: The counties in this region include: Becker, Beltrami, Clay, Clearwater, Douglas, Grant, Hubbard, Kittson, Lake of the Woods, Mahnommen, Marshall, Norman, Otter Tail, Pennington, Polk, Pope, Red Lake, Roseau, Stevens, Traverse and Wilkin.
- Northeast region: The counties in this region include: Aitkin, Benton, Carlton, Cass, Chisago, Cook, Crow Wing, Isanti, Itasca, Kanabec, Koochiching, Lake, Mille Lacs, Morrison, Pine, Sherburne, St. Louis, Stearns, Todd, Wadena and Wright.
- Metro region: The counties in this region include: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington.
- Southern region: The counties in this region include: Big Stone, Blue Earth, Brown, Chippewa, Cottonwood, Dodge, Faribault, Fillmore, Freeborn, Goodhue, Houston, Jackson, Kandiyohi, Lac qui Parle, Le Sueur, Lincoln, Lyon, Martin, McLeod, Meeker, Mower, Murray, Nicollet, Nobles, Olmstead, Pipestone, Redwood, Renville, Rice, Rock, Sibley, Steele, Swift, Wabasha, Waseca, Watonwan, Winona and Yellow Medicine.

## Optimal Diabetes Care

**Figure 13** shows the rates of Optimal Diabetes Care by DHS region. The Metro and Southern regions had the highest rate of optimal care (44 percent); however, the Southern region was the only regional rate significantly above the MHCP statewide rate (43 percent). The lowest rate was found in the Northwest region at 38 percent and this rate was significantly below the MHCP statewide rate, along with the Northeast region at 41 percent.

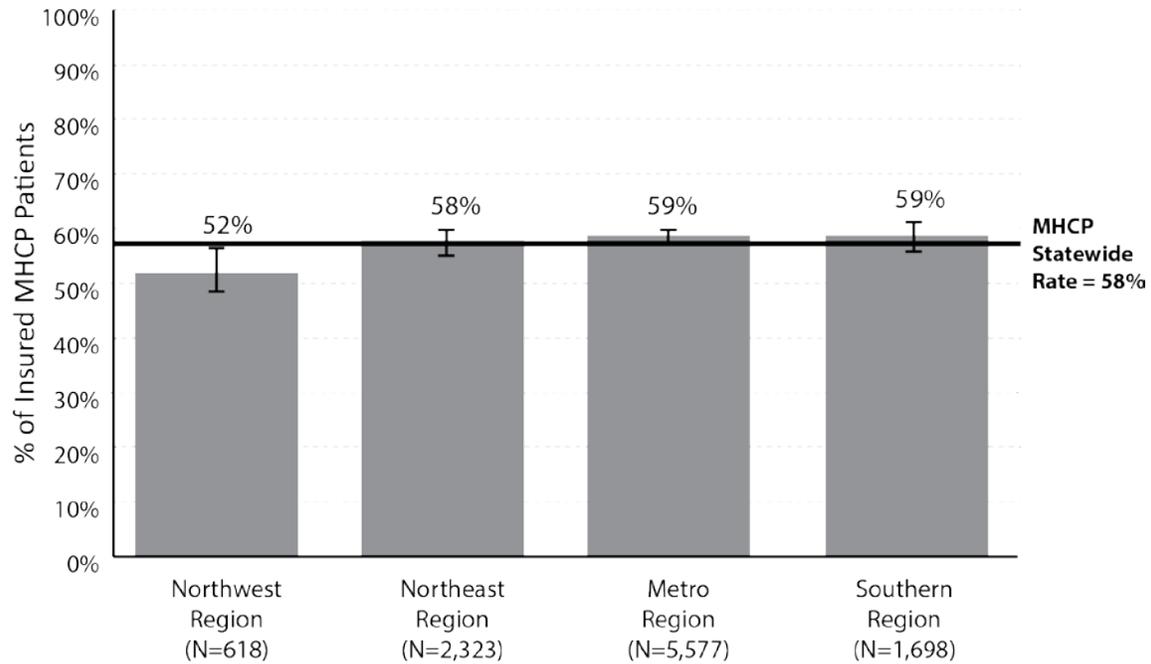
**Figure 13: Optimal Diabetes Care Rates by DHS Region**



## Optimal Vascular Care

**Figure 14** shows the rates of Optimal Vascular Care by DHS region. The Metro and Southern regions had the highest rate (59 percent); however, this rate was not significantly above the MHCP statewide rate (58 percent). The lowest rate was found in the Northwest region at 52 percent; this rate was the only rate significantly below the MHCP statewide rate.

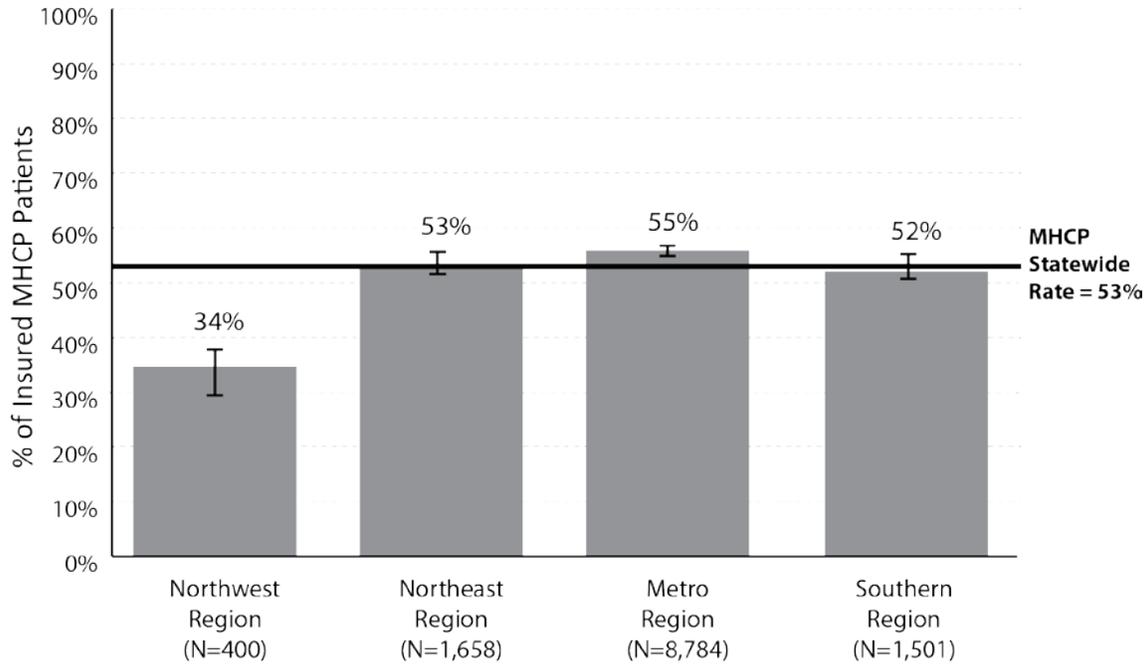
**Figure 14:** Optimal Vascular Care Rates by DHS Region



## Optimal Asthma Control – Children Ages 5-17

**Figure 15** shows the rates of Optimal Asthma Control – Children Ages 5-17 by DHS region. The Metro region had the highest rate (55 percent), and this rate was significantly above the MHCP statewide rate (53 percent). The lowest rate was found in the Northwest region at 34 percent; this rate was the only rate significantly below the MHCP statewide rate.

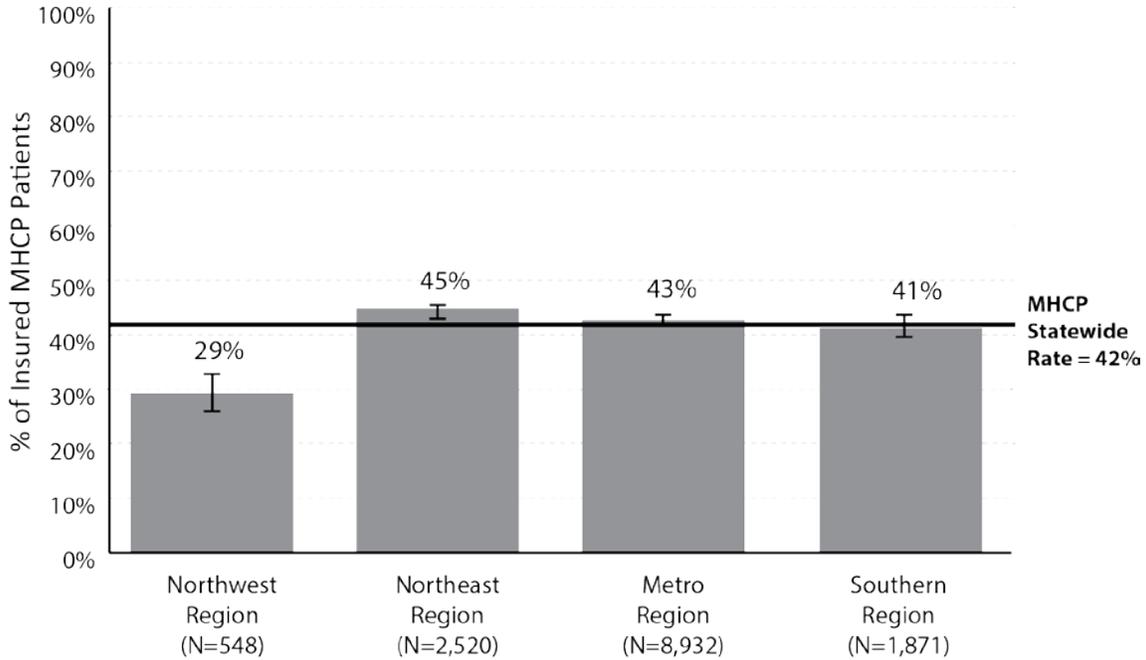
**Figure 15:** Optimal Asthma Control – Children Ages 5-17 Rates by DHS Region



## Optimal Asthma Control – Adults Ages 18-50

**Figure 16** shows the rates of Optimal Asthma Control – Adults Ages 18-50 by DHS region. The Northeast region had the highest rate (45 percent), and this rate was significantly above the MHCP statewide rate (42 percent), along with the Metro region (43 percent). The lowest rate was found in the Northwest region at 29 percent; this rate was the only rate significantly below the MHCP statewide rate.

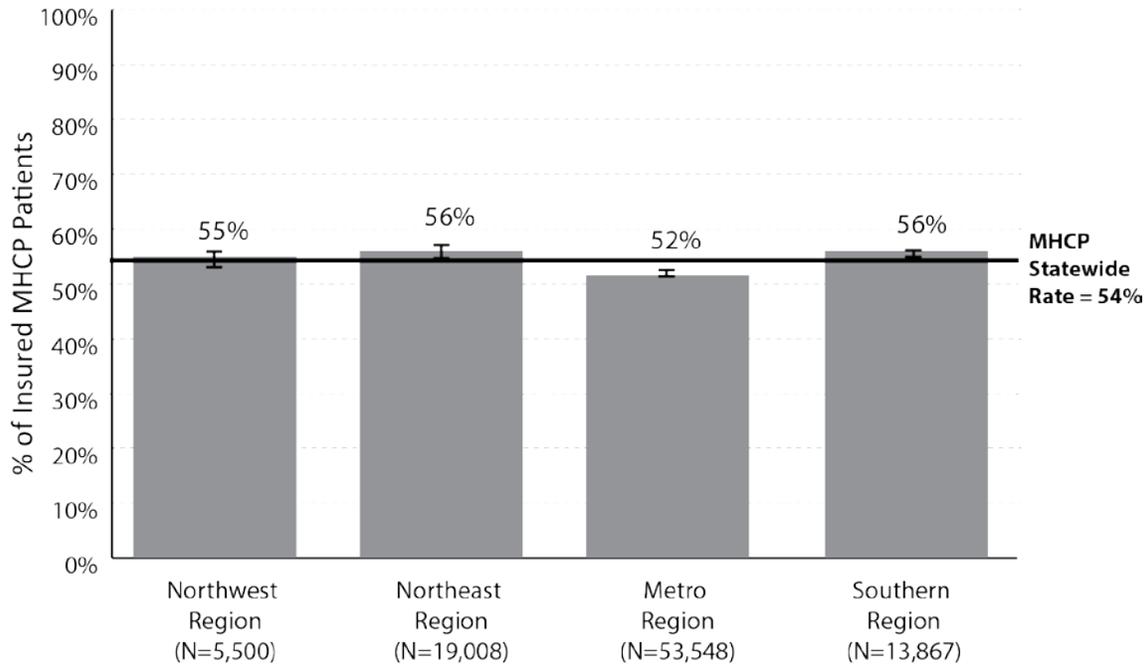
**Figure 16: Optimal Asthma Control – Adults Ages 18-50 Rates by DHS Region**



## Colorectal Cancer Screening

**Figure 17** shows the rates of Colorectal Cancer Screening by DHS region. MHCP patients had the highest screening rate for colorectal cancer in the Northeast and Southern regions (56 percent), and this rate was significantly above the MHCP statewide rate (54 percent). Only one region had a screening rate significantly below the MHCP statewide rate: Metro region at 52 percent.

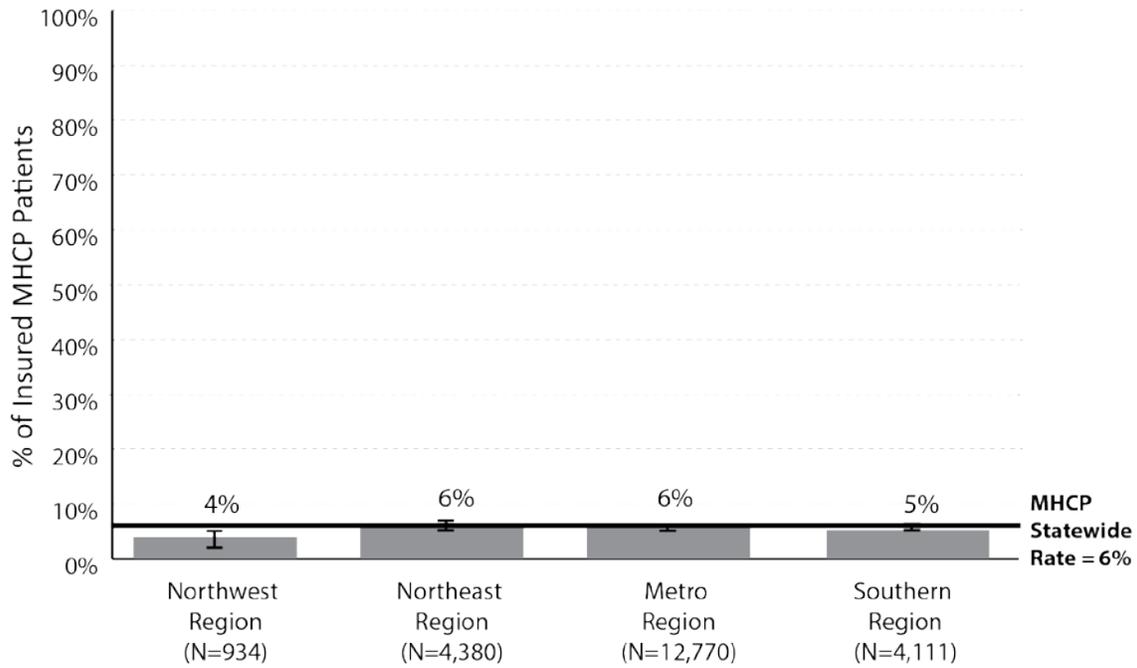
**Figure 17: Colorectal Cancer Screening Rates by DHS Region**



## Depression Remission at Six Months

**Figure 18** shows the rates of Depression Remission at Six Months by DHS region. The percentage of MHCP patients who experienced depression remission at six months was highest in the Northeast and Metro regions (six percent); however, this rate was not significantly above the MHCP statewide rate (6 percent). No regional rates were significantly above the MHCP statewide rate. The Northwest region had the lowest rate at 4 percent and it was significantly below the MHCP statewide rate.

**Figure 18:** Depression Remission at Six Months Rates by DHS Region



## Summary of Findings by DHS Region

For each measure below, **Table 17** compares each regional group’s statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

**Table 17:** Summary of Findings by Region

Measures/DHS Region	Northwest Region	Northeast Region	Metro Region	Southern Region
Optimal Diabetes Care	↓	↓		↑
Optimal Vascular Care	↓			
Optimal Asthma Control - Children Ages 5-17	↓		↑	
Optimal Asthma Control - Adults Ages 18-50	↓	↑	↑	
Colorectal Cancer Screening		↑	↓	↑
Depression Remission at Six Months	↓			

↑ = Above MHCP Statewide Rate

↓ = Below MHCP Statewide Rate

Blank = Similar to MHCP Statewide Rate

## Summary of Findings by DHS Region

### The Northwest Region

The Northwest region had the lowest rate for five of the six measures: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Control – Children Ages 5-17 and Optimal Asthma Control – Adults Ages 18-50. All of these rates were significantly below the MHCP statewide rate.

There were no measures where this region's rate was significantly above the MHCP statewide rate.

### The Northeast Region

The Northeast region had the lowest rate for three of the six measures: Optimal Asthma Control – Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months.

For two measures (Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening), this region had a performance rate significantly above the MHCP statewide rate. Conversely, the Northeast region had a performance rate significantly below the MHCP statewide rate for Optimal Diabetes Care.

### The Metro Region

There was one measure where the Metro region had the highest rate: Optimal Asthma Control – Children Ages 5-17. There was one measure (Colorectal Cancer Screening) where this region had the lowest rate.

For two measures (Optimal Asthma Control – Children Ages 5-17 and Optimal Asthma Control – Adults Ages 18-50), the Metro region had a performance rate significantly above the MHCP statewide rate. For one measure (Colorectal Cancer Screening), this region also had a significantly lower performance rate than the MHCP statewide rate.

### The Southern Region

The Southern region had the highest performance rate for two measures: Optimal Diabetes Care and Optimal Vascular Care. This region did not have the lowest rate for any of the six measures.

There were two measures (Optimal Vascular Care and Colorectal Cancer Screening) where the Southern region had a performance rate significantly above the MHCP statewide rate. There were no measures where this region had a rate significantly below the MHCP statewide rate.

## Conclusion

The *2015 Health Care Disparities Report for Minnesota Health Care Programs* spotlights that MHCP patients are receiving better care in 2014 than some areas, but worse care in others. Progress in addressing disparities can be seen in multiple places, most notably by improved health outcomes in five measures and narrowing of the gap between purchasers in two measures. But setbacks can also be seen particularly in two measures where performance rates decreased for MHCP patients and five measures where the gap between MHCP and Other Purchasers patients widened.

The results of this report highlight that there is still significant room for improvement to reduce health care disparities and close the gaps in care. Inequities within our health care system are unacceptable. This report shows it is possible for medical groups and clinics to achieve optimal health outcomes for patients regardless of their socioeconomic status, and that more groups are using the results of this report to benchmark their progress.

MHCP rates decreased in two measures this year and these show great room for improvement. Those measures are:

- Breast Cancer Screening
- Childhood Immunization Status (Combo 3)

Three measures showed statistically significant improvement since 2014. They are:

- Appropriate Testing for Children with Pharyngitis
- Appropriate Treatment for Children with URI
- Colorectal Cancer Screening

Overall, we continue to see gaps statewide between care received by MHCP patients and Other Purchasers patients. Several of those gaps widened this year (with the Appropriate Treatment for Children with URI being statistically significant) – affirming the need to continue to focus on disparities that exist between the MHCP population and others. The five measures where gaps between purchasers widened are:

- Appropriate Treatment for Children with URI
- Colorectal Cancer Screening
- Depression Remission at Six Months
- Breast Cancer Screening
- Childhood Immunization Status (Combo 3)

Conversely, gaps between purchasers have narrowed over multiple years for two measures – and one (Appropriate Testing for Children with Pharyngitis) of those have narrowed significantly.

This is the sixth *Health Care Disparities Report* to report statewide MHCP results by racial and Hispanic ethnicity group. Differences between racial and Hispanic ethnicity groups were found for every measure within the MHCP patient population. Performance rates for the Black or African American racial group continued to be high compared to other racial groups in several measures, and rates for Black or African Americans in three measures were significantly above the statewide MHCP rate. Hispanic patients had rates that were significantly above the statewide MHCP rate for three measures.

## Conclusion

For the second time, this report features MHCP regional rates for the six DDS measures included. This analysis was added to provide more information about the health outcomes of MHCP patients in various regions in Minnesota. There were noteworthy performance differences in MHCP rates for each measure by region. The Metro region had the highest rate for four measures and one of them was significantly above the MHCP statewide rate. The Northeast region had the highest rate for three measures, with two of them significantly above the MHCP statewide rate. Conversely, the Northwest region had the lowest rate for five measures, with all of them being significantly below the MHCP statewide rate.

Improving health outcomes for all patients requires a thorough examination of performance data at a medical group or clinic level, in addition to national, statewide and health plan information. The public reporting of health care performance rates can drive quality improvement, particularly when rates are reported at a level where more accountability lies and actions to address disparities are more likely to make an impact.

We applaud the many efforts underway in our communities to eliminate health care disparities. Much work remains to ensure MHCP patients achieve the same outcomes as Other Purchaser patients.

## Acknowledgements

Data management, performance assessment and report production are provided by MN Community Measurement, an independent, non-profit organization dedicated to accelerating the improvement of health in Minnesota and surrounding communities through the measurement and public reporting of health care information.

The 10 health plans and county-based purchasing organizations that contributed data for this report are:

- Blue Cross and Blue Shield of Minnesota
- HealthPartners
- Itasca Medical Care
- Medica
- Metropolitan Health Plan
- PreferredOne
- PrimeWest Health System
- Sanford Health Plan
- South Country Health Alliance
- UCare

## Medical Groups (Primary Care) Reported in 2015 (129)

- AALFA Family Clinic
- Advanced Medical Clinic
- Affiliated Community Medical Centers
- Albany Medical Center
- Alexandria Clinic
- Allina Health Clinics
- Allina Health Specialties
- Altru Health System
- Apple Valley Medical Clinic
- Avera Medical Group
- Avera Medical Group - Pipestone
- Avera Medical Group- Marshall
- Avera Medical Group- McGreevy Clinic, United Medical Center, Worthington Specialty Clinic
- Axis Medical Center
- Bluestone Physician Services
- Boynton Health Service
- Buffalo Clinic, PA - IHN
- Burnsville Family Physicians
- Cedar Riverside People's Center
- CentraCare Family Health Center
- CentraCare Health
- Chippewa County Montevideo Hospital & Medical Clinic
- Community University Health Care Center
- Cuyuna Regional Medical Center
- Dawson Clinic
- Dr. Bobby K. Yang Medical Clinic
- Duluth Family Medicine Clinic
- Edina Family Physicians, P.A.
- Edina Sports Health & Wellness
- Entira Family Clinics
- Essentia Health - Ada
- Essentia Health - Central Region
- Essentia Health - East Region
- Essentia Health - Fosston
- Essentia Health - St. Mary's
- Essentia Health - West
- Face to Face Health & Counseling Service, Inc.
- Fairview Health Services
- Fairview Medical Group
- Fairview Mesaba Clinics
- Family Practice Medical Center of Willmar
- FamilyHealth Medical Clinics
- FirstLight Health System
- France Avenue Family Physicians - MHN
- Gateway Family Health Clinic
- Glencoe Regional Health Services
- Glenwood Medical Center
- Grand Itasca Clinic
- Gundersen Health System
- HealthEast Clinics
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- Hendricks Community Hospital Association
- Hennepin County Medical Center (HCMC) Clinics
- Hudson Physicians - Minnesota Healthcare Network
- Hutchinson Health
- Indian Health Board of Minneapolis
- Integrity Health Network
- Kittson Memorial Clinic
- Lac Qui Parle Clinic
- Lake Region Healthcare
- Lake Superior Community Health Center
- Lakeview Clinic
- Lakewood Health Center Clinic
- Lakewood Health System
- Life Medical
- Madelia Community Hospital & Clinic
- Mankato Clinic, Ltd.
- Mayo Clinic
- Mayo Clinic Health System
- Mayo Clinic Health System - Albert Lea and Austin
- Mayo Clinic Health System - Fairmont
- Mayo Clinic Health System - Franciscan Healthcare in La Crosse
- Mayo Clinic Health System - Lake City
- Mayo Clinic Health System - Mankato
- Mayo Clinic Health System - New Prague
- Mayo Clinic Health System - Red Wing
- Mayo Clinic Health System - St. James
- Mayo Clinic Health System - Waseca
- Mayo Clinic Health System-Owatonna
- Mille Lacs Health System
- Multicare Associates
- Native American Community Clinic
- Neighborhood Healthsource
- New Hope Crystal Medical Clinic
- North Clinic
- North Memorial
- NorthPoint Health & Wellness Center
- Northwest Family Physicians
- Olmsted Medical Center
- Open Cities Health Center
- Open Door Health Center
- Ortonville Area Health Services-Northside Medical Clinic
- Park Nicollet Health Services
- Parkview Medical Clinic - Minnesota Healthcare Network
- Prairie Ridge Hospital & Health Services
- Raiter Clinic, LTD - IHN
- Renville County Hospital and Clinics

## Additional Medical Group Provider Types Reported in 2015 (49)

### Primary Care Medical Groups continued...

- Richfield Medical Group
- Ridgeview Clinics
- River's Edge Hospital & Clinic
- RiverView Health
- Riverwood Healthcare Center
- Sanford Health - Fargo Region
- Sanford Health - Sioux Falls Region
- Sawtooth Mountain Clinic
- Scandia Clinic
- Scenic Rivers Health Services
- Sibley Medical Center DBA Ridgeview Sibley Medical Center
- Sleepy Eye Medical Center
- Southside Community Health Services
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- St. Luke's Clinics
- St. Paul Family Medical Center
- Stevens Community Medical Center
- Stillwater Medical Group
- Thao Xoua MD
- Tri-County Health Care
- United Family Medicine
- United Hospital District Clinic
- Unity Family Healthcare - Avon
- Unity Family Healthcare, Family Medical Center
- University of Minnesota Physicians
- Valley Family Practice- MHN
- Vibrant Health Family Clinics and Minnesota Health Network
- West Side Community Health Services
- Williams Integracare Clinic
- Winona Health Services

### OB/GYN

- Essentia Health - Baxter Specialty Clinics
- John A. Haugen Associates, PA
- Metropolitan Obstetrics & Gynecology
- Oakdale Ob/Gyn
- OBGYN West
- Obstetrics and Gynecology Associates
- Partners Ob/Gyn
- Planned Parenthood Minnesota, North Dakota, South Dakota
- Premier OB/GYN of Minnesota
- Southdale Ob/Gyn Consultants
- Western ObGyn

### Urgent Care/Convenience Care Clinics

- Emergency Physicians, P.A.
- Express Healthcare
- MinuteClinic
- Priority Pediatrics Urgent Care
- Seven Day Clinic
- Suburban Emergency Associates
- Target Clinic

### Pediatric

- All About Children Pediatrics - Children's Health Network
- Central Pediatrics
- Children's Clinic Network
- Children's Health Care
- Children's Hospitals and Clinics of Minnesota
- Children's Respiratory & Critical Care Specialists
- Fridley Children's & Teenagers' Medical Center - Children's Physician Network
- Pediatric & Young Adult Medicine
- Pediatric and Adolescent Services
- Pediatric Services - Children's Physician Network
- South Lake Pediatrics
- Southdale Pediatric Associates, Ltd
- Wayzata Children's Clinic

### Allergy/Immunology

- Advancements in Allergy and Asthma Care
- Allergy & Asthma Specialists, PA
- Allergy, Asthma & Immunology Clinic
- Minnesota Lung Center/Minnesota Sleep Institute

## Additional Medical Group Provider Types Reported in 2015 (49) - *continued*

### Behavioral Health

- Associated Clinic of Psychology
- BHSI
- Family Life Center
- Hamm Clinic
- Lakeland Mental Health Center
- Mental Health Resources
- Midwest Center for Personal & Family Development
- Minnesota Mental Health Clinics (Eagan, Edina, Lakeville, Maplewood, Minneapolis, Woodbury)
- People Incorporated Stark Mental Health Clinic
- Ramsey County Mental Health
- South Central Human Relations Center
- St. Cloud Hospital - Behavioral Health Clinic
- Western Mental Health Center, Inc.
- Woodland Centers
- Zumbro Valley Health Center

## Appendix 1: Data Sources and Data Collection

### Administrative and Hybrid Measures

Data used for the administrative and hybrid measures originated from health plan administrative claims databases. Hybrid measures were supplemented by medical record review. Data elements were specified by HEDIS 2015 Technical Specifications (2014 dates of service). HEDIS is produced and maintained by the National Committee for Quality Assurance (NCQA). The technical specifications provided detailed steps and instructions to ensure that the submitted data met rigorous standards.

The data elements were collected by the health plans using the HEDIS technical specifications that followed the annual HEDIS calendar. In addition, each health plan's data were subjected to extensive validation processes to ensure quality measures followed the standards described in Volume 5, HEDIS Compliance Audit®: Standards, Policies and Procedures. All health plan data were audited by a NCQA-certified HEDIS auditor.

MNCM developed a data structure document with detailed steps and instructions to ensure data were submitted in a consistent way. In 2015, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Itasca Medical Care, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), and UCare – submitted data to MNCM. The submitted data reflects patients/members enrolled in the following products: commercial HMO/POS/ PPO, Medicare Cost, Medicare Risk, and Minnesota Health Care Programs (pre-paid Medical Assistance including dual eligibles and MinnesotaCare). Administrative and hybrid measures did not include patients who were uninsured, who self-paid, or patients who were served by Medicaid/Medicare Fee-for-Service.

All health plan data files were submitted to MNCM for aggregation, validation and public reporting. An independent vendor under contract with MNCM conducted the aggregation and validation processes. Each health plan file was carefully reviewed to ensure conformance with the data structure and identify unusual or unanticipated patterns. The files were also checked for proper formatting, missing and invalid values, and to confirm accurate record counts. Preliminary health plan rates were calculated and returned to each health plan for additional validation.

Once the file validation checks were finalized, the data files from all 10 health plans were aggregated to create a comprehensive data file of results by medical group. The aggregated data file was then checked for accurate record counts and preliminary measure rates were calculated. The preliminary rates were carefully reviewed by MNCM staff and the data aggregation vendor. Particular attention was paid to notable changes from previous years at the statewide and medical group levels. After these checks were finalized, preliminary rates were compiled into the *2015 Health Care Disparities Report* and sent to DHS and medical groups for review and comment. Any data concerns identified were reviewed to determine if the issues were related to the submitted data.

## Appendix 1: Data Sources and Data Collection

### Direct Data Submission Measures

The data source of clinic level results was the clinics themselves. All data elements were specified by MNMCM in the 2015 Direct Data Submission (DDS) Guides (2014 dates of service). These guides provided detailed steps and instructions to ensure that data were submitted in a consistent way.

Data for DDS measures were reported at two levels: by clinic site and medical group. Clinics were defined as single sites where patients received care. Medical groups generally consisted of multiple clinic sites. Often, medical groups provide centralized administrative functions for several clinic sites.

Medical groups/clinics that submitted data for individual clinics first registered through the MNMCM Data Portal. Once registered, they had the option to submit data on a clinic's total patient population or for a representative sample of the clinic's total patient population. Detailed instructions for sampling were provided in the DDS guides. Medical groups/clinics that submitted data through this process were required to submit data for all clinics within the medical group.

Clinic abstractors collected data from medical records either by extracting the data from electronic medical records through a data query or abstracting the data from paper-based medical records. Medical groups completed numerous quality checks before data were submitted to MNMCM. All appropriate HIPAA requirements were followed.

Medical groups/clinics submitted the required data elements directly through the MNMCM Data Portal. Once data were submitted, an extensive validation process was followed which included quality checks of all files and on-site audits for selected clinics. For on-site audits, MNMCM used NCQA's "8 and 30" File Sampling Procedure, developed in 1996 in consultation with Johns Hopkins University. For a detailed description of this procedure, go to [ncqa.org](http://ncqa.org). Audits were conducted by MNMCM staff and/or contracted auditors who were independent of medical groups and/or clinics. Validation is critical to ensure the data are reliable, complete and consistent.

## Appendix 2: Methods

### Measures reported

Three types of measures were reported at the medical group level: measures that used an administrative data only method submitted by the health plans; measures that used a hybrid method (administrative claims data plus medical record review) submitted by the health plans; and measures that used data submitted directly to MNMCM by medical groups and clinics from electronic health records or paper-based medical charts.

The following HEDIS measures used the hybrid method (referenced in Appendix 1):

- Controlling High Blood Pressure
- Childhood Immunization Status (Combo 3)

The following HEDIS measures used data submitted by the health plans using the administrative method (referenced in Appendix 1):

- Appropriate Testing for Children with Pharyngitis
- Appropriate Treatment for Children with Upper Respiratory Infection (URI)
- Chlamydia Screening in Women
- Breast Cancer Screening

The following measures used data submitted directly to MNMCM by medical groups and clinics (referenced in Appendix 1):

- Optimal Diabetes Care
- Optimal Vascular Care
- Optimal Asthma Control - Children Ages 5-17
- Optimal Asthma Control - Adults Ages 18-50
- Colorectal Cancer Screening
- Depression Remission at Six Months

Each year, these measure specifications are reviewed against current evidence-based guidelines. Specifications for measures that use the hybrid and administrative method were calculated using NCQA's 2015 HEDIS Technical Specifications. Specifications for DDS measures were calculated in the MNMCM Data Portal using MNMCM's 2015 DDS Guide and Technical Specifications.

### Eligible Population Specifications

The eligible populations for the administrative and hybrid HEDIS measures were identified by each participating health plan utilizing its respective administrative databases. NCQA's 2015 HEDIS Technical Specifications provided the standard definitions for the eligible population for each measure, which included data elements such as age, continuous enrollment and anchor date requirements.

The eligible populations for the measures reported directly to MNMCM by medical groups and clinics were identified by a medical group on behalf of their individual clinics. MNMCM's 2015 DDS Guide and Technical Specifications provided the standard definitions for the eligible population for each measure, which included elements such as age, appropriate diagnosis codes, number of visits needed in the measurement timeframe, and established patient criteria. For administrative measures, the entire eligible population was the denominator. For hybrid measures, the eligible population served as the sampling frame from which to draw the number of patients for chart audit and the reference for weighting.

## Appendix 2: Methods

### Patient Attribution to Medical Groups/Clinics

Health plans assigned patients to a medical group using frequency-based attribution logic and a standard medical group definition based on Tax Identification Numbers. Administrative billing codes determined the frequency of patient visits to medical groups. For most measures, patients were assigned to the medical group they visited most frequently during the measurement year. Patients who visited two or more medical groups with the same frequency were attributed to the medical group visited most recently in the measurement year. For two measures – Appropriate Testing for Children with Pharyngitis and Appropriate Treatment for Children with URI – patients were assigned to the clinic they visited for the specific service.

To submit data at the clinic level for the DDS measures, medical groups attributed each patient to a single clinic within their medical group. Each medical group's patient attribution method was defined by the medical group and was reviewed by MNMCM as part of the denominator certification process. Most patients were attributed to an assigned primary care provider. Some patients were attributed to the provider who saw the patient most often or most recently in the measurement year.

### Sampling Method for Hybrid HEDIS Measures

As previously noted, the hybrid method required each participating health plan to first identify the eligible population meeting measurement specifications using its administrative databases. This population of eligibles served as the sampling frame from which to draw the denominator (the patients for whom medical record review would be completed). The resource-intensive nature of medical record review necessitated pulling a random sample of the eligible population for medical record review. This review was conducted for all enrollees drawn for the sample.

MNCM used a two-stage, random sampling process. This strategy was designed with statisticians to ensure reporting for the maximum number of medical groups while minimizing the impact of weighting on the results for any one medical group. The sampling procedure began with each health plan providing a data file containing a record for each eligible patient for each hybrid measure. This file also identified eligible patients that had been selected for the annual HEDIS sample. Additional patients were then selected from the remaining eligible population to meet MNMCM minimum reporting requirements.

### Sampling Method for Measures Collected by Direct Data Submission

Medical groups could submit data on their full population or a sample of at least 60 patients per clinic, but were strongly encouraged to submit their total population of patients. For medical groups that chose to submit a sample, the 2015 DDS Guide described accepted methods to select a systematic sample. This step was reviewed by MNMCM as part of the denominator certification process. In 2015, about 98 percent of clinics for Optimal Diabetes Care; about 99 percent of clinics for Optimal Vascular Care; about 98 percent of clinics for Optimal Asthma Control – Children Ages 5-17; about 99 percent of clinics for Optimal Asthma Control – Adults Ages 18-50; and about 91 percent of clinics for Colorectal Cancer Screening submitted their total population of patients. For Depression Remission at Six Months, clinics were required to submit their total population.

### Numerator Specifications

For administrative measures, the numerator was the number of patients from the eligible population who met numerator targets. For hybrid measures, the numerator was the number of patients from the sample who met numerator targets. For DDS measures, the numerator was the number of patients identified from either the eligible population or the sample who meet the numerator targets. The targets were specified by MNMCM in the DDS Guide and compliance with these specifications was audited.

## Appendix 2: Methods

### Weighting for Hybrid Measures

Because data for the hybrid measures were taken from a sample, results were weighted to obtain accurate rates. This allowed for aggregation and unbiased reporting by medical group. Weighting enabled MNMCM to draw a sample on which to estimate medical group and statewide rates. Weighting was applied to efficiently utilize health plan resources for data collection on a randomly sampled population. Weights were calculated for each sampling stratum (i.e., health plan/health plan product/medical group). A weight was equal to the total eligible population for that stratum divided by the total sample size for that stratum. In calculating rates for a population (medical group or statewide) the denominator was the sum of the weights for all patients in that population, and the numerator was the sum of the weights for patients in the population who met the numerator targets.

### Weighting for Measures Collected by Direct Data Submission

Data for the DDS measures were taken from a sample but only for clinics that elected to sample their total population. In those cases, results were weighted to account for the total population, thus allowing a performance rate to be calculated based on the complete census of all patients in the clinic. For Depression Remission at Six Months, clinics were required to submit their total population and thus the results are not weighted.

### Calculating Rates for Administrative and Hybrid HEDIS Measures

Medical group level rates were expressed as percentages. They were calculated as 100 times the number who met the numerator targets divided by the number who were eligible for the measure. Rates calculated for measures using the administrative method were straightforward. However, rates calculated for measures using the hybrid method required weighting because of the sampling procedures. Rates and 95 percent asymmetrical confidence intervals were calculated for each measure for each medical group. Asymmetrical confidence intervals were used to avoid confidence interval lower-bound values less than zero and upper-bound values greater than 100. Medical group rates were first calculated for each group and then a medical group average was calculated. The medical group average was displayed when comparing medical group performance to provide context.

### Calculating Rates for Measures Collected by Direct Data Submission

Clinic level rates were expressed as percentages. They were calculated as 100 times the number who met the numerator specifications divided by the number in the denominator for the measure. Rates calculated for measures using the total eligible population were straightforward calculations whereby the total eligible population served as the denominator. However, for clinics that elected to sample from their total population, the rates calculated for the measures required weighting to account for the total eligible population of the clinics. Due to the dynamic nature of clinic patient populations, rates and 95 percent confidence intervals were calculated for each measure for each clinic regardless of whether clinics submitted a full population or a sample. Clinic level rates were first calculated for each clinic and then a clinic average rate was calculated. The clinic average rate was displayed when comparing a single clinic to the performance of all clinics to provide context.

## Appendix 2: Methods

### **Assigning Payer Product Types for Measures Collected by Direct Data Submission**

As part of MNMCM's DDS process, medical groups submitted data directly to MNMCM to calculate clinic-level performance rates. This information did not include payer product type. To calculate MHCP and Other Purchaser rates for DDS measures, information submitted via DDS was supplemented with information from health plans to obtain a patient's payer product type (e.g., commercial, Medicaid, Medicare). Working with representatives of medical groups and health plans, MNMCM developed a process to link DDS performance data to health plan enrollment data and appropriately assign product type per patient.

## Appendix 2: Methods

### Limitations

The medical groups and clinics identified in this report do not represent all medical groups and clinics in Minnesota. MNMCM established minimum thresholds for public reporting to ensure statistically reliable rates. Only medical groups and clinics that met those thresholds were reported. Because hybrid measures are based on a sample, a higher threshold was used – 60 patients per medical group were required for public reporting to ensure a reasonable level of confidence in the reported rate. Administrative measures are based on a complete census of managed care patients, so a minimum threshold of 30 patients per medical group was required. DDS measures are based on complete census of all patients, regardless of payer, so a minimum threshold of 30 patients per clinic was required. It should also be noted that medical groups and clinics that were reported for one measure may not have been reported for all measures.

It is important to reiterate that data used to calculate rates for administrative and hybrid measures reflected patients insured through one of 10 health plans. Medical groups with patients who were insured through other health plans, who were uninsured, who self-paid, or who were served by a Medicaid/Medicare Fee-for-Service program were not reflected in these results. Therefore, the data for these measures may not have represented a medical group's entire patient population.

Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other unspecified factors.

### Limitations and implications of using continuous enrollment criteria with MHCP patients

Continuous enrollment specifies the minimum amount of time that a patient must be enrolled in a health plan before he or she is eligible to be counted for a measure. Continuous enrollment criteria are used by health plans to ensure ample time for a patient to obtain health care services while enrolled. The purpose is to standardize the method of patient inclusion in a measure across all health plans and medical groups. When used as part of a measurement tool, continuous enrollment defines a sufficient timeframe during which a health care service could be performed. A shorter enrollment period makes it less likely for a health care service to be rendered and also makes it difficult for a health plan to respond to the needs of a patient.

Patients can have interruptions in enrollment with a health plan. These interruptions are referred to as “gaps in enrollment.” During a gap, a patient does not have health insurance coverage, making it less likely for him/her to obtain health care services. Unfortunately, MHCP patients may have multiple gaps during a 12 month period due to events such as the loss of MHCP eligibility. For most HEDIS measures, a 45 day gap still allows a patient to be included in a measure; however, a study of the Medicaid population in Oregon demonstrated that these patients often have gaps that exceed 45 days.<sup>10</sup> Since Medicaid patients (including those enrolled in MHCP) who are represented in HEDIS measures are only those with continuous enrollment, the measure results may not be reflective of the experience of all Medicaid/MHCP patients.

When performance rates are further calculated by race for the MHCP population, the continuous enrollment criteria magnifies the concern about representation. A review by DHS showed continuous enrollment criteria reduced the representation of some racial groups within a HEDIS measure, and some measures were impacted more than others. When designing quality improvement interventions targeting specific patient populations – particularly projects based on race – it will be important for medical groups and clinics to be aware of the impact that continuous enrollment has on HEDIS measures in general and for each racial group specifically. To work with a more representative population, an adjustment of the continuous enrollment criteria may be necessary depending on the measures selected.

## Appendix 2: Methods

### Data Analyses

#### Identifying High-Performing Medical Groups/Clinics

For each measure, we calculated both individual medical group rates and a medical group average rate for MHCP patients. We identified medical groups that achieved high performance by comparing the individual medical group/clinic rate with the medical group/clinic average. Medical groups with high rates and 95 percent confidence intervals that were fully above the medical group average were noted as high performers. These high performers were highlighted in the “Results by Measure” section for each measure. The performance rates for all medical groups were presented by performance rate in descending order in Appendix 3. The same methods were performed at the clinic level for the DDS measures.

#### Identifying Medical Groups with Biggest Improvements

For each measure, we compared each individual medical group’s rate during report year 2015 with their rate during report year 2014, and calculated a percentage point difference. Medical groups with the largest percentage point increases were highlighted.

#### Medical Group Performance over Time (Three Years)

For each measure, this analysis was done to determine patterns of medical group performance over time. Patterns were reviewed for the three reporting years (2013, 2014 and 2015). See “Medical Group Performance over Time (2013 to 2015)” in the “Results by Measure” section and Appendix 4 for detailed tables of medical groups.

Patterns in rate changes over the three reporting years (2013, 2014, and 2015) were reviewed. Only medical groups with rates for all three reporting periods per measure were included in the analysis. The analysis was defined as three reporting years to allow as many groups as possible to have three years of reported data and the opportunity to be included in the analysis. The percent and number of medical groups were reported for each of the following patterns of rate changes over the past three years for each measure:

- High performance and above average rates: Medical groups with a rate and confidence interval greater than the statewide average for each of the three years.
- Consistently improved: Medical groups with more than a two percentage point increase between each consecutive year.
- Relatively stable: Medical groups that had no more than a two percentage point increase or decrease between each consecutive year (negative two percent to positive two percent).
- Consistently declined: Medical groups with more than a two percentage point decrease between each consecutive year.
- Variable performance (with an improvement or with a decline): Medical groups with an up/down pattern that was not consistent and did not fall into one of the other categories.

The performance for each medical group was analyzed using a pair-wise comparison between the first and last year. Statistical significance was designated at a p-value of less than 0.05. Statistical analysis was conducted using a general linear regression model with SASv9.4 (SAS Institute, Cary, NC) for each medical group. Statistical significance was designated at a p-value of less than 0.05.

## Appendix 3: Medical Group and Clinic Performance Rate Tables

This section includes detailed tables per measure. The following elements are included in each table:

- The medical group/clinic name in order of high rate to low rate.
- The total number of patients in the denominator for each measure (N).
- The medical group/clinic's overall rate for each measure in their MHCP population.
- The lower and upper bounds of the 95 percent confidence interval.
- A rating that categorizes each medical group/clinic's performance. An **"Above"** rating is for medical groups/clinics that have an average and confidence interval that is fully above the overall medical group/clinic average for MHCP patients. An **"Average"** rating is for medical groups/clinics that have a confidence interval that includes the overall medical group/clinic average for MHCP patients. A **"Below"** rating is for medical groups/clinics that have an average and confidence interval that is fully below the overall medical group/clinic average for MHCP patients.
- Total Population or Sample indicates whether the rate was calculated using a sample or total population of a medical group/clinic's MHCP patients. For five measures at the medical group level (Optimal Diabetes Care; Optimal Vascular Care; Optimal Asthma Control – Children Ages 5-17; Optimal Asthma Control – Adults Ages 18-50; and Colorectal Cancer Screening), a rate may be calculated using a mix of a sample and total population. A medical group may have a "mixed" population if one or more of its clinics submit a sample while the other clinics sites submit total population.

### Contents of Detailed Tables per Measure

#### Measures with Specification Changes from 2014 to 2015

- Table 19.1: Optimal Diabetes Care by Clinic
- Table 19.2: Optimal Diabetes Care by Medical Group
- Table 20.1: Optimal Vascular Care by Clinic
- Table 20.2: Optimal Vascular Care by Medical Group
- Table 21.1: Optimal Asthma Control – Children Ages 5-17 by Clinic
- Table 21.2: Optimal Asthma Control – Children Ages 5-17 by Medical Group
- Table 22.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic
- Table 22.2: Optimal Asthma Control – Adults Ages 18-50 by Medical Group
- Table 23: Controlling High Blood Pressure by Medical Group

#### Measures with an Increase in MHCP Rate

- Table 24: Appropriate Testing for Children with Pharyngitis by Medical Group
- Table 25: Appropriate Treatment for Children with URI by Medical Group
- Table 26.1: Colorectal Cancer Screening by Clinic
- Table 26.2: Colorectal Cancer Screening by Medical Group
- Table 27: Chlamydia Screening in Women by Medical Group
- Table 28: Depression Remission at Six Months by Clinic

#### Measures with a Decrease in MHCP Rate

- Table 29: Breast Cancer Screening by Medical Group
- Table 20: Childhood Immunization Status (Combo 3) by Medical Group

**Table 19.1: Optimal Diabetes Care by Clinic**  
(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name ( Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>38,521</b>	<b>43.1%</b>	<b>42.6%</b>	<b>43.6%</b>		
Allina Health - Annandale	73	70.0%	52.1%	83.3%	Above	Total Population
Park Nicollet Clinic - Prairie Center	230	68.3%	53.0%	80.4%	Above	Total Population
Allina Health - Chanhassen (Quello)	89	63.8%	49.5%	76.0%	Above	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	168	63.3%	49.3%	75.3%	Above	Total Population
Park Nicollet Clinic - Chanhassen	190	63.1%	53.8%	71.5%	Above	Total Population
HealthPartners - Arden Hills	74	62.5%	48.4%	74.8%	Above	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	176	61.8%	45.0%	76.1%	Above	Total Population
Allina Health - Eagan	85	61.6%	50.2%	72.0%	Above	Total Population
Fairview Highland Park Clinic	49	61.5%	45.9%	75.1%	Above	Total Population
HealthPartners - Brooklyn Center	68	61.2%	53.2%	68.7%	Above	Total Population
Allina Health - Richfield	68	60.8%	51.3%	69.5%	Above	Total Population
Park Nicollet Clinic - Eagan	70	60.4%	51.1%	69.0%	Above	Total Population
Fairview Oxboro Clinic	91	60.3%	52.4%	67.6%	Above	Total Population
Affiliated Community Medical Centers - New London Clinic	112	60.0%	44.6%	73.7%	Above	Total Population
Fairview Rogers Clinic	160	60.0%	43.6%	74.5%	Above	Total Population
HealthPartners - Ctr for Internatl Hlth	62	59.8%	52.2%	66.9%	Above	Total Population
Entira Family Clinics - Vadnais Heights	68	59.7%	48.2%	70.3%	Above	Total Population
Essentia Health - Moorhead	186	59.6%	46.1%	71.8%	Above	Total Population
Allina Health - Uptown	55	59.3%	46.0%	71.3%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	128	59.1%	51.2%	66.5%	Above	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	617	59.0%	46.5%	70.5%	Above	Total Population
Allina Health - Woodbury	154	59.0%	47.9%	69.2%	Above	Total Population
Entira Family Clinics - Maplewood/Battle Creek	252	58.8%	49.8%	67.3%	Above	Total Population
Fairview Bloomington Lake Xerxes	49	58.7%	46.4%	70.0%	Above	Total Population
Allina Health - Champlin	184	58.7%	44.3%	71.7%	Above	Total Population
Entira Family Clinics - North St. Paul	119	58.5%	50.9%	65.8%	Above	Total Population
Sanford Moorhead Internal Medicine	39	58.5%	43.4%	72.2%	Above	Total Population
Fairview Elk River Clinic	35	58.5%	46.3%	69.6%	Above	Total Population
St. Cloud Medical Group - NW- IHN	159	58.4%	52.4%	64.2%	Above	Total Population
Park Nicollet Clinic - Maple Grove	31	58.1%	47.6%	68.0%	Above	Total Population
Allina Health - Centennial Lakes (Quello)	79	58.0%	44.2%	70.6%	Above	Total Population
Fairview Crosstown Clinic	103	57.7%	46.6%	68.0%	Above	Total Population
Fairview Uptown Clinic	154	57.6%	44.9%	69.4%	Above	Total Population
Park Nicollet Clinic - Carlson	57	57.6%	45.6%	68.8%	Above	Total Population
Essentia Health - Lakewalk Clinic	36	57.6%	40.8%	72.8%	Average	Total Population
Fairview Burnsville Clinic	34	57.5%	49.8%	64.9%	Above	Total Population
St. Cloud Medical Group - Clearwater - IHN	64	57.5%	43.3%	70.5%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	342	57.1%	49.9%	64.1%	Above	Total Population
Park Nicollet Clinic - Burnsville	212	57.1%	50.9%	63.0%	Above	Total Population
Park Nicollet Clinic - Brookdale	106	57.0%	51.4%	62.4%	Above	Total Population
EH-Park Rapids	158	57.0%	46.0%	67.3%	Above	Total Population
Park Nicollet Clinic - Bloomington	169	56.8%	45.9%	67.0%	Above	Total Population
Mayo Clinic Health System St. Peter	78	56.7%	46.8%	66.1%	Above	Total Population
Apple Valley Medical Clinic - Family Practice	39	56.4%	51.3%	61.5%	Above	Total Population
Fairview New Brighton Clinic	137	56.4%	47.4%	65.1%	Above	Total Population
North Memorial Clinic - Rockford Road	174	56.4%	41.0%	70.7%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	83	56.3%	44.1%	67.7%	Above	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	138	56.3%	42.3%	69.3%	Average	Total Population
Mayo Clinic - Northeast	114	55.9%	39.5%	71.1%	Average	Total Population
Allina Health - Ramsey	55	55.7%	43.3%	67.5%	Above	Total Population
Fairview Brooklyn Park Clinic	120	55.7%	48.5%	62.7%	Above	Total Population
Park Nicollet Clinic - Shakopee	189	55.4%	48.2%	62.4%	Above	Total Population
Multicare Associates - Fridley Medical Center	218	55.4%	49.5%	61.1%	Above	Total Population

**Table 19.1: Optimal Diabetes Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name ( Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>38,521</b>	<b>43.1%</b>	<b>42.6%</b>	<b>43.6%</b>		
Fairview Eagan Clinic	112	55.4%	46.1%	64.2%	Above	Total Population
Essentia Health - Aurora Clinic	47	55.3%	41.3%	68.6%	Average	Total Population
Ridgeview Westonka Clinic	47	55.3%	41.3%	68.6%	Average	Total Population
Allina Health - Shoreview	62	54.8%	42.5%	66.6%	Average	Total Population
Allina Health - Forest Lake	84	54.8%	44.1%	65.0%	Above	Total Population
Allina Health - West St. Paul	132	54.6%	46.0%	62.8%	Above	Total Population
Mayo Clinic Health System Le Sueur	66	54.6%	42.6%	66.0%	Average	Total Population
Allina Health - Maplewood (Aspen)	105	54.3%	44.8%	63.5%	Above	Total Population
St. Cloud Medical Group - South -IHN	183	54.1%	46.9%	61.2%	Above	Total Population
CentraCare River Campus-Internal Medicine	98	54.1%	44.3%	63.6%	Above	Total Population
Entira Family Clinics - Inver Grove Heights	108	53.7%	44.3%	62.8%	Above	Total Population
Fairview Maple Grove Medical Center	30	53.3%	36.1%	69.8%	Average	Total Population
North Memorial Clinic - Brooklyn Park Physicians	107	53.3%	43.9%	62.5%	Above	Total Population
France Avenue Family Physicians-Minnesota Healthcare Network	62	53.2%	41.0%	65.1%	Average	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	64	53.1%	41.1%	64.8%	Average	Total Population
HealthEast Cottage Grove Clinic	32	53.1%	36.5%	69.1%	Average	Total Population
Allina Health - Coon Rapids	571	52.9%	48.8%	57.0%	Above	Total Population
Mayo Clinic Health System Waseca	70	52.9%	41.3%	64.1%	Average	Total Population
Mankato Clinic - Daniel's Health Center	36	52.8%	37.0%	68.0%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	55	52.7%	39.8%	65.3%	Average	Total Population
Allina Health - Shakopee	74	52.7%	41.5%	63.7%	Average	Total Population
CentraCare Health Plaza-Internal Medicine	76	52.6%	41.6%	63.5%	Average	Total Population
Multicare Associates - Roseville Medical Center	40	52.5%	37.5%	67.1%	Average	Total Population
Fairview Hiawatha Clinic	86	52.3%	41.9%	62.6%	Average	Total Population
Park Nicollet Clinic - Golden Valley	44	52.3%	37.9%	66.3%	Average	Total Population
North Memorial Clinic - Maple Grove	44	52.3%	37.9%	66.3%	Average	Total Population
HealthPartners - Midway	171	52.1%	44.6%	59.4%	Above	Total Population
Mayo Clinic Health System Lake City	73	52.1%	40.8%	63.1%	Average	Total Population
Allina Health - Faribault	173	52.0%	44.6%	59.3%	Above	Total Population
Allina Health - Cottage Grove	125	52.0%	43.3%	60.6%	Above	Total Population
HealthEast Woodbury Clinic	83	51.8%	41.2%	62.2%	Average	Total Population
Mayo Clinic Health System St. James	83	51.8%	41.2%	62.2%	Average	Total Population
Allina Health - Maple Grove	56	51.8%	39.0%	64.3%	Average	Total Population
Affiliated Community Medical Centers- Marshall Clinic	205	51.7%	44.9%	58.5%	Above	Total Population
Mankato Clinic - North Mankato	62	51.6%	39.5%	63.6%	Average	Total Population
FirstLight Health System - Mora	97	51.6%	41.7%	61.2%	Average	Total Population
Entira Family Clinics - Como/Roseville	105	51.4%	42.0%	60.8%	Average	Total Population
Park Nicollet Clinic - Plymouth	72	51.4%	40.1%	62.6%	Average	Total Population
Allina Health - Bloomington (Aspen)	74	51.4%	40.2%	62.4%	Average	Total Population
Johnson Memorial Health Services - Dawson Clinic	41	51.2%	36.5%	65.8%	Average	Total Population
Mayo Clinic Health System Faribault Hwy 60	63	50.8%	38.8%	62.7%	Average	Total Population
Mayo Clinic Health System Fairmont	231	50.7%	44.2%	57.0%	Above	Total Population
Allina Health - United Medical Specialties	281	50.5%	44.7%	56.3%	Above	Total Population
Allina Health - Bandana Square (Aspen)	133	50.4%	42.0%	58.7%	Average	Total Population
HealthPartners - Riverside	185	50.3%	43.1%	57.4%	Above	Total Population
Mayo Clinic Health System Owatonna	414	50.0%	45.2%	54.8%	Above	Total Population
Allina Health - Northfield	118	50.0%	41.1%	58.9%	Average	Total Population
Entira Family Clinics - Woodbury	92	50.0%	40.0%	60.0%	Average	Total Population
Mayo Clinic Health System Mankato Northridge	76	50.0%	39.0%	61.0%	Average	Total Population
Hutchinson Health - Dassel Clinic	68	50.0%	38.4%	61.6%	Average	Total Population
Entira Family Clinics - West St. Paul	54	50.0%	37.1%	62.9%	Average	Total Population
Allina Health - Elk River	50	50.0%	36.6%	63.4%	Average	Total Population
Northwest Family Physicians - Plymouth	32	50.0%	33.6%	66.4%	Average	Total Population

**Table 19.1: Optimal Diabetes Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name ( $\Delta$ =Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>38,521</b>	<b>43.1%</b>	<b>42.6%</b>	<b>43.6%</b>		
Stillwater Medical Group - Curve Crest Clinic	189	49.7%	42.7%	56.8%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	345	49.6%	44.3%	54.8%	Above	Total Population
Mayo Clinic Health System Mankato Eastridge	115	49.6%	40.6%	58.6%	Average	Total Population
Allina Health - Plymouth	77	49.4%	38.5%	60.3%	Average	Total Population
HealthPartners - West	53	49.1%	36.1%	62.1%	Average	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	53	49.1%	36.1%	62.1%	Average	Total Population
Sanford Luverne Clinic	51	49.0%	35.9%	62.3%	Average	Total Population
Mankato Clinic - Wickersham Campus	98	49.0%	39.3%	58.7%	Average	Total Population
Allina Health - East Lake Street (Aspen)	96	49.0%	39.2%	58.8%	Average	Total Population
Fairview Rush City Clinic	45	48.9%	35.0%	63.0%	Average	Total Population
Sanford Bemidji Main Clinic Internal Medicine	45	48.9%	35.0%	63.0%	Average	Total Population
Entira Family Clinics - Highland	43	48.8%	34.6%	63.3%	Average	Total Population
Hennepin County Medical Center Clinics - St. Anthony Village	41	48.8%	34.3%	63.5%	Average	Total Population
HealthPartners - Hlth Ctr for Women	39	48.7%	33.9%	63.8%	Average	Total Population
Essentia Health - West Duluth Clinic	115	48.7%	39.8%	57.7%	Average	Total Population
Allina Health - Blaine	35	48.6%	33.0%	64.4%	Average	Total Population
HealthPartners - Eagan	33	48.5%	32.5%	64.8%	Average	Total Population
Allina Health - Farmington	31	48.4%	32.0%	65.2%	Average	Total Population
HealthEast Roseville Clinic	85	48.2%	37.9%	58.7%	Average	Total Population
CentraCare Clinic - Northway	81	48.2%	37.6%	58.9%	Average	Total Population
United Hospital District Clinic	588	48.1%	44.1%	52.2%	Above	Total Population
HealthEast Downtown St. Paul Clinic	100	48.0%	38.5%	57.7%	Average	Total Population
Fairview Apple Valley Clinic	123	48.0%	39.3%	56.7%	Average	Total Population
Family Practice Medical Center of Willmar	171	48.0%	40.6%	55.4%	Average	Total Population
Fairview EdenCenter Clinic	107	47.7%	38.5%	57.0%	Average	Total Population
HealthPartners - Coon Rapids	147	47.6%	39.7%	55.7%	Average	Total Population
University of Minnesota Health - Smiley's Family Medicine Clinic	183	47.5%	40.4%	54.8%	Average	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	162	47.5%	40.0%	55.2%	Average	Total Population
Entira Family Clinics - East Side	139	47.5%	39.4%	55.7%	Average	Total Population
Allina Health - Edina	57	47.4%	35.0%	60.1%	Average	Total Population
CentraCare Health - Melrose	38	47.4%	32.5%	62.7%	Average	Total Population
Fairview Bloomington Lake Minneapolis	108	47.2%	38.1%	56.6%	Average	Total Population
Essentia Health - Hermantown Clinic	53	47.2%	34.4%	60.3%	Average	Total Population
Essentia Health - Lakeside Clinic	49	46.9%	33.7%	60.6%	Average	Total Population
HealthEast Tamarack Clinic Woodbury	32	46.9%	30.9%	63.6%	Average	Total Population
Fairview Andover Clinic	77	46.8%	36.0%	57.8%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	135	46.7%	38.5%	55.1%	Average	Total Population
Allina Health - Lakeville (Quello)	30	46.7%	30.2%	63.9%	Average	Total Population
Park Nicollet Clinic - Minneapolis	219	46.6%	40.1%	53.2%	Average	Total Population
$\Delta$ Ridgeview Specialty Clinic - Endocrinology - Chaska	43	46.5%	32.5%	61.1%	Average	Total Population
Ortonville Area Health Services-Northside Medical Clinic	56	46.4%	34.0%	59.3%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	153	46.4%	38.7%	54.3%	Average	Total Population
Hennepin County Medical Center Clinics - Brooklyn Park	95	46.3%	36.6%	56.3%	Average	Total Population
$\Delta$ Park Nicollet Clinic - St. Louis Park Endocrinology	445	46.3%	41.7%	50.9%	Average	Total Population
Ridgeview Delano Clinic	39	46.2%	31.6%	61.4%	Average	Total Population
Glencoe Regional Health Services - Glencoe	89	46.1%	36.1%	56.4%	Average	Total Population
HealthPartners - Bloomington	113	46.0%	37.1%	55.2%	Average	Total Population
Allina Health - Nicollet Mall	87	46.0%	35.9%	56.4%	Average	Total Population
Allina Health - Burnsville (Quello)	48	45.8%	32.6%	59.7%	Average	Total Population
Fairview Milaca Clinic	59	45.8%	33.7%	58.3%	Average	Total Population
Buffalo Clinic-Monticello: IHN	103	45.6%	36.3%	55.2%	Average	Total Population
HealthPartners - Apple Valley	66	45.5%	34.0%	57.4%	Average	Total Population
North Memorial Clinic - Brooklyn Center Physicians	66	45.5%	34.0%	57.4%	Average	Total Population

**Table 19.1: Optimal Diabetes Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name ( $\Delta$ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	38,521	43.1%	42.6%	43.6%		
Sanford Moorhead Family Medicine	44	45.5%	31.7%	59.9%	Average	Total Population
Fairview Columbia Heights Clinic	170	45.3%	38.0%	52.8%	Average	Total Population
Family Medical Center	221	45.3%	38.8%	51.8%	Average	Total Population
Essentia Health - Ely Clinic	62	45.2%	33.4%	57.5%	Average	Total Population
Fairview Lino Lakes Clinic	51	45.1%	32.3%	58.6%	Average	Total Population
North Memorial Clinic - Camden	49	44.9%	31.9%	58.7%	Average	Total Population
Affiliated Community Medical Centers - Benson Clinic	67	44.8%	33.5%	56.6%	Average	Total Population
Fairview Fridley Clinic	180	44.4%	37.4%	51.7%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	97	44.3%	34.9%	54.2%	Average	Total Population
Mayo Clinic Health System Red Wing	158	44.3%	36.8%	52.1%	Average	Total Population
Park Nicollet Clinic - Prior Lake	43	44.2%	30.4%	58.9%	Average	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	43	44.2%	30.4%	58.9%	Average	Total Population
HealthEast Rice Street Clinic	204	44.1%	37.5%	51.0%	Average	Total Population
Fairview North Branch Clinic	68	44.1%	33.0%	55.9%	Average	Total Population
HealthEast Vadnais Heights Clinic	34	44.1%	28.9%	60.6%	Average	Total Population
North Memorial Clinic - Northeast Family Physicians	41	43.9%	29.9%	59.0%	Average	Total Population
Essentia Health - Deer River Clinic	89	43.8%	34.0%	54.2%	Average	Total Population
Park Nicollet Clinic - Creekside	55	43.6%	31.4%	56.7%	Average	Total Population
HealthPartners - Como	138	43.5%	35.5%	51.8%	Average	Total Population
Allina Health - Cambridge	219	43.4%	37.0%	50.0%	Average	Total Population
Mayo Clinic Health System Austin	286	43.4%	37.7%	49.2%	Average	Total Population
AXIS Medical Center	155	43.2%	35.7%	51.1%	Average	Total Population
Hutchinson Health - Hutchinson Clinic	616	43.2%	39.3%	47.1%	Average	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	44	43.2%	29.7%	57.8%	Average	Total Population
Tyler Medical Clinic - Avera	44	43.2%	29.7%	57.8%	Average	Total Population
HealthPartners - Andover	51	43.1%	30.5%	56.7%	Average	Total Population
CentraCare Health- Sauk Centre	51	43.1%	30.5%	56.7%	Average	Total Population
Fairview Lakes Medical Center	128	43.0%	34.7%	51.6%	Average	Total Population
Allina Health - Isles	49	42.9%	30.0%	56.7%	Average	Total Population
North Clinic - Osseo Office	54	42.6%	30.3%	55.8%	Average	Total Population
HealthEast Maplewood Clinic	99	42.4%	33.2%	52.3%	Average	Total Population
Albany Medical Center	33	42.4%	27.2%	59.2%	Average	Total Population
Essentia Health - Hibbing Clinic	78	42.3%	32.0%	53.4%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	209	42.1%	35.6%	48.9%	Average	Total Population
Sanford Health Detroit Lakes Clinic	114	42.1%	33.4%	51.3%	Average	Total Population
Allina Health - Buffalo	117	41.9%	33.3%	50.9%	Average	Total Population
CentraCare Health- Long Prairie	60	41.7%	30.1%	54.3%	Average	Total Population
Sanford Worthington Clinic	77	41.6%	31.2%	52.7%	Average	Total Population
HealthPartners - Woodbury	142	41.6%	33.8%	49.8%	Average	Total Population
Mayo Clinic - Kasson	41	41.5%	27.8%	56.6%	Average	Total Population
Mayo Clinic Health System Montgomery	46	41.3%	28.3%	55.7%	Average	Total Population
HealthEast Grand Avenue Clinic	63	41.3%	30.0%	53.6%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	143	41.3%	33.5%	49.5%	Average	Total Population
Sanford Health Broadway Clinic	97	41.2%	32.0%	51.2%	Average	Total Population
HealthEast Roselawn Clinic	204	41.2%	34.7%	48.0%	Average	Total Population
HealthEast Midway Clinic	68	41.2%	30.3%	53.0%	Average	Total Population
HealthPartners - White Bear Lake	34	41.2%	26.4%	57.8%	Average	Total Population
Buffalo Clinic-IHN	90	41.1%	31.5%	51.4%	Average	Total Population
Fairview Blaine Clinic	39	41.0%	27.1%	56.6%	Average	Total Population
Allina Health - Inver Grove Heights (Aspen)	61	41.0%	29.5%	53.5%	Average	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	110	40.9%	32.2%	50.3%	Average	Total Population
Altru Health System - Crookston	66	40.9%	29.9%	53.0%	Average	Total Population
Allina Health - First Street	93	40.9%	31.4%	51.0%	Average	Total Population

**Table 19.1: Optimal Diabetes Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	38,521	43.1%	42.6%	43.6%		
Mankato Clinic - Main Street	142	40.9%	33.1%	49.1%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	250	40.8%	34.9%	47.0%	Average	Total Population
Essentia Health - Detroit Lakes	113	40.7%	32.1%	49.9%	Average	Total Population
Sanford Thief River Falls Clinic	118	40.7%	32.2%	49.7%	Average	Total Population
St Luke's Clinics-Internal Medicine Associates	118	40.7%	32.2%	49.7%	Average	Total Population
University of Minnesota Health - Primary Care Center	74	40.5%	30.1%	51.9%	Average	Total Population
Essentia Health - Virginia Clinic	104	40.4%	31.5%	50.0%	Average	Total Population
HealthPartners - Elk River	35	40.0%	25.6%	56.4%	Average	Total Population
Multicare Associates - Blaine Medical Center	148	39.9%	32.3%	47.9%	Average	Total Population
HealthPartners Central Minnesota Clinics	151	39.7%	32.3%	47.7%	Average	Total Population
St Luke's Clinics-Denfeld	63	39.7%	28.5%	52.0%	Average	Total Population
HealthPartners - Roseville	38	39.5%	25.6%	55.3%	Average	Total Population
United Family Medicine	278	38.9%	33.3%	44.7%	Average	Total Population
Hennepin County Medical Center Clinics - Richfield	158	38.6%	31.4%	46.4%	Average	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	65	38.5%	27.6%	50.6%	Average	Total Population
Sanford East Grand Forks Clinic	34	38.2%	23.9%	55.0%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	144	38.2%	30.7%	46.3%	Average	Total Population
Community-University Health Care Center	425	38.1%	33.6%	42.8%	Below	Total Population
Mayo Clinic Health System Albert Lea	244	37.7%	31.9%	43.9%	Average	Total Population
Hennepin County Medical Center Clinics - East Lake	168	37.5%	30.5%	45.0%	Average	Total Population
Mayo Clinic - Speciality Practice	204	37.3%	30.9%	44.1%	Average	Total Population
Allina Health - Nininger Road	43	37.2%	24.4%	52.1%	Average	Total Population
Allina Health - Brooklyn Park	35	37.1%	23.2%	53.7%	Average	Total Population
Gateway Family Health Clinic - Sandstone	57	36.8%	25.5%	49.8%	Average	Total Population
Grand Itasca Clinic	226	36.7%	30.7%	43.2%	Average	Total Population
Native American Community Clinic	30	36.7%	21.9%	54.5%	Average	Sample
CentraCare Health Plaza-Family Medicine	88	36.4%	27.1%	46.8%	Average	Total Population
University of Minnesota Health - Medicine Specialties Clinic	268	36.2%	30.7%	42.1%	Below	Total Population
Gateway Family Health Clinic - Moose Lake	83	36.1%	26.6%	46.9%	Average	Total Population
Fairview Chisago Lakes Clinic	53	35.9%	24.3%	49.3%	Average	Total Population
Altru Health System - Roseau	67	35.8%	25.4%	47.8%	Average	Total Population
University of Minnesota Physicians - Bethesda Family Med. Clinic	238	35.7%	29.9%	42.0%	Below	Total Population
Raiter Clinic-IHN	157	35.7%	28.6%	43.4%	Average	Total Population
HealthPartners - Maplewood	115	35.7%	27.5%	44.7%	Average	Total Population
Hennepin County Medical Center Clinics - Brooklyn Center	152	35.5%	28.4%	43.4%	Average	Total Population
HealthPartners - Specialty Center 401	172	35.5%	28.7%	42.9%	Below	Total Population
CentraCare Family Health Center	141	35.5%	28.1%	43.7%	Average	Total Population
Neighborhood HealthSource - Fremont Clinic	74	35.1%	25.2%	46.5%	Average	Total Population
HealthPartners - Inver Grove Heights	55	34.6%	23.4%	47.8%	Average	Total Population
Avera Medical Group - Worthington	84	34.5%	25.2%	45.2%	Average	Total Population
Range Reg. Health Services dba Fairview Mesaba Clinic - Hibbing	96	34.4%	25.6%	44.3%	Average	Total Population
Winona Health - Winona Clinic	338	34.3%	29.5%	39.5%	Below	Total Population
HealthPartners - University Ave	169	34.3%	27.6%	41.8%	Below	Total Population
Fairview Pine City Clinic	38	34.2%	21.2%	50.1%	Average	Total Population
Fairview Riverside Primary Care Clinic	79	34.2%	24.7%	45.2%	Average	Total Population
University of Minnesota Phys. - Phalen Village Family Med. Clinic	153	34.0%	27.0%	41.8%	Below	Total Population
Sanford Bemidji 1611 Anne St Clinic	109	33.9%	25.7%	43.3%	Average	Total Population
HealthEast Oakdale	72	33.3%	23.5%	44.8%	Average	Total Population
Essentia Health - International Falls Clinic	60	33.3%	22.7%	45.9%	Average	Total Population
North Memorial Clinic - Arbor Lakes	45	33.3%	21.4%	47.9%	Average	Total Population
EH- Menahga	33	33.3%	19.8%	50.4%	Average	Total Population
Northwest Family Physicians - Crystal	91	33.0%	24.2%	43.1%	Average	Total Population
Lake Superior Community Health Center - Duluth	79	32.9%	23.6%	43.9%	Average	Total Population

**Table 19.1: Optimal Diabetes Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	38,521	43.1%	42.6%	43.6%		
Essentia Health Fosston	79	32.9%	23.6%	43.9%	Average	Total Population
Southside Medical Clinic	73	32.9%	23.2%	44.3%	Average	Total Population
Essentia Health St. Joseph's - Pine River Clinic	40	32.5%	20.1%	48.0%	Average	Total Population
HealthPartners - St Paul	265	32.5%	27.1%	38.3%	Below	Total Population
Fairview Princeton Clinic	142	32.4%	25.3%	40.5%	Below	Total Population
ΔHennepin County Med. Center Clinics - Diabetes & Endocrinology	251	32.3%	26.8%	38.3%	Below	Total Population
North Clinic - WestHealth Office in Plymouth	44	31.8%	20.0%	46.6%	Average	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	340	31.5%	26.8%	36.6%	Below	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	204	30.9%	24.9%	37.5%	Below	Total Population
Hennepin County Medical Center Clinics - Whittier	415	30.8%	26.6%	35.5%	Below	Total Population
Hennepin County Med. Center Clinics -Internal Medicine Parkside	130	30.8%	23.5%	39.2%	Below	Total Population
Olmsted Medical Center - Rochester Southeast	261	30.7%	25.4%	36.5%	Below	Total Population
North Clinic - Oakdale Office in Robbinsdale	121	30.6%	23.1%	39.3%	Below	Total Population
Sanford Bemidji Main Clinic Family Medicine	116	30.2%	22.6%	39.1%	Below	Total Population
HealthPartners - Anoka	110	30.0%	22.2%	39.1%	Below	Total Population
Duluth Family Medicine Clinic	60	30.0%	19.9%	42.5%	Below	Total Population
Olmsted Medical Center - Rochester Northwest	51	29.4%	18.7%	43.0%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	263	29.3%	24.1%	35.0%	Below	Total Population
Ridgeview Arlington Clinic	31	29.0%	16.1%	46.6%	Average	Total Population
Hennepin County Medical Center Clinics - Positive Care	52	28.9%	18.3%	42.3%	Below	Total Population
Riverwood McGregor Clinic	42	28.6%	17.2%	43.6%	Average	Total Population
Allina Health - Fridley	35	28.6%	16.3%	45.1%	Average	Total Population
NorthPoint Health & Wellness Center	446	28.3%	24.3%	32.6%	Below	Total Population
West Side Community Health Services - McDonough Homes Clinic	73	27.4%	18.5%	38.6%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	253	27.3%	22.2%	33.1%	Below	Total Population
West Side Community Health Services - La Clinica	185	27.0%	21.1%	33.9%	Below	Total Population
ΔSt Luke's Clinics-Endocrinology Associates	49	26.5%	16.2%	40.3%	Below	Total Population
Riverwood Aitkin Clinic	106	26.4%	19.0%	35.5%	Below	Total Population
ΔCentraCare Health Plaza-Endocrinology	133	26.3%	19.6%	34.4%	Below	Total Population
Life Medical	57	26.3%	16.7%	39.0%	Below	Total Population
Sanford Perham Clinic	42	26.2%	15.3%	41.1%	Below	Total Population
FirstLight Health System - Pine City	35	25.7%	14.2%	42.1%	Below	Total Population
Sawtooth Mountain Clinic, Inc	39	25.6%	14.6%	41.1%	Below	Total Population
Hennepin County Medical Center Clinic - Downtown Medicine	973	25.3%	22.7%	28.1%	Below	Total Population
Mayo Clinic Health System Cannon Falls	32	25.0%	13.3%	42.1%	Below	Total Population
University of Minnesota Physicians - Broadway Family Med. Clinic	231	24.7%	19.6%	30.6%	Below	Total Population
Parkview Medical Clinic	160	24.4%	18.4%	31.6%	Below	Total Population
Indian Health Board of Minneapolis	115	24.4%	17.4%	32.9%	Below	Total Population
Tri-County Health Care - Wadena Clinic	123	23.6%	17.0%	31.8%	Below	Total Population
North Clinic - Maple Grove Office	35	22.9%	12.1%	39.0%	Below	Total Population
Open Door Health Center	54	20.4%	11.8%	32.9%	Below	Total Population
Sanford Health Walker Clinic	30	20.0%	9.5%	37.3%	Below	Total Population
Essentia Health - Duluth Clinic	46	19.6%	10.7%	33.2%	Below	Total Population
Glenwood Medical Center	37	18.9%	9.5%	34.2%	Below	Total Population
Advanced Medical Clinic, Inc.	37	18.9%	9.5%	34.2%	Below	Sample
New Hope Crystal Medical Clinic	53	18.9%	10.6%	31.4%	Below	Total Population
Renville County Hospital and Clinics - Olivia	48	18.8%	10.2%	31.9%	Below	Total Population
Neighborhood HealthSource-Central Clinic	39	15.4%	7.3%	29.7%	Below	Total Population
LakeWood Health Center Clinic	48	14.6%	7.3%	27.2%	Below	Total Population
Hennepin County Medical Center Clinics - Coordinated Care	45	0.0%	0.0%	7.9%	Below	Total Population

**Table 19.2: Optimal Diabetes Care by Medical Group**  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	38,521	43.1%	42.6%	43.6%		
Lakewood Health System	30	60.0%	42.3%	75.4%	Average	Total Population
Essentia Health - West	52	59.6%	46.1%	71.8%	Above	Total Population
Apple Valley Medical Clinic	358	56.4%	51.3%	61.5%	Above	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	71	54.9%	43.4%	66.0%	Above	Total Population
Park Nicollet Health Services	2,547	54.3%	52.4%	56.2%	Above	Total Population
Entira Family Clinics	992	54.2%	51.1%	57.3%	Above	Total Population
France Avenue Family Physicians-Minnesota Healthcare Network	62	53.2%	41.0%	65.1%	Average	Total Population
Allina Health Clinics	3,895	50.7%	49.1%	52.3%	Above	Total Population
Multicare Associates	468	50.2%	45.7%	54.7%	Above	Total Population
Dawson Clinic	42	50.0%	35.5%	64.5%	Average	Total Population
Affiliated Community Medical Centers	936	49.8%	46.6%	53.0%	Above	Total Population
Integrity Health Network	882	49.6%	46.3%	52.8%	Above	Total Population
Fairview Health Services	2,849	49.3%	47.5%	51.2%	Above	Total Population
North Memorial	593	48.9%	44.9%	52.9%	Above	Total Population
Stillwater Medical Group	197	48.2%	41.4%	55.2%	Average	Total Population
United Hospital District Clinic	588	48.1%	44.1%	52.2%	Above	Total Population
Family Practice Medical Center of Willmar	171	48.0%	40.6%	55.4%	Average	Total Population
Mayo Clinic Health System	2,456	47.0%	45.0%	49.0%	Above	Total Population
Ridgeview Clinics	185	46.5%	39.4%	53.7%	Average	Total Population
Ortonville Area Health Services-Northside Medical Clinic	56	46.4%	34.0%	59.3%	Average	Total Population
Mankato Clinic, Ltd.	359	46.2%	41.2%	51.4%	Average	Total Population
Unity Family Healthcare, Family Medical Center	226	44.7%	38.4%	51.2%	Average	Total Population
Essentia Health St. Mary's	252	44.4%	38.4%	50.6%	Average	Total Population
HealthEast Clinics	1,103	44.3%	41.4%	47.3%	Average	Total Population
FirstLight Health System	152	44.1%	36.4%	52.0%	Average	Total Population
Hutchinson Health	684	43.9%	40.2%	47.6%	Average	Total Population
HealthPartners Clinics	2,554	43.9%	41.9%	45.8%	Average	Total Population
Essentia Health - Central Region	323	43.3%	38.1%	48.8%	Average	Total Population
Axis Medical Center	155	43.2%	35.7%	51.1%	Average	Total Population
Glencoe Regional Health Services	107	43.0%	34.0%	52.5%	Average	Total Population
Essentia Health - East Region	996	42.8%	39.7%	45.9%	Average	Total Population
Albany Medical Center	33	42.4%	27.2%	59.2%	Average	Total Population
Prairie Ridge Hospital & Health Services	43	41.9%	28.4%	56.7%	Average	Total Population
Sanford Health - Sioux Falls Region	268	41.8%	36.0%	47.8%	Average	Total Population
Allina Health Specialties	175	41.1%	34.1%	48.6%	Average	Total Population
CentraCare Health	766	40.7%	37.3%	44.3%	Average	Total Population
Mayo Clinic	595	40.5%	36.6%	44.5%	Average	Total Population
St. Luke's Clinics	499	40.3%	36.1%	44.6%	Average	Total Population
Scenic Rivers Health Services	112	40.2%	31.6%	49.4%	Average	Total Population
HealthPartners Central Minnesota Clinics	151	39.7%	32.3%	47.7%	Average	Total Population
Avera Medical Group	175	39.4%	32.5%	46.8%	Average	Total Population
Alexandria Clinic	153	39.2%	31.8%	47.1%	Average	Total Population
United Family Medicine	278	38.9%	33.3%	44.7%	Average	Total Population
Altru Health System	163	38.7%	31.5%	46.3%	Average	Total Population
Sanford Health - Fargo Region	967	38.6%	35.6%	41.7%	Below	Total Population
Community University Health Care Center	425	38.1%	33.6%	42.8%	Below	Total Population
Gateway Family Health Clinic	147	37.4%	30.0%	45.5%	Average	Total Population
Grand Itasca Clinic	226	36.7%	30.7%	43.2%	Average	Total Population
Native American Community Clinic	30	36.7%	21.9%	54.5%	Average	Sample

**Table 19.2: Optimal Diabetes Care by Medical Group - *continued***

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Staterwide Average	38,521	43.1%	42.6%	43.6%		
Northwest Family Physicians	144	36.1%	28.7%	44.2%	Average	Total Population
University of Minnesota Physicians	1,165	35.9%	33.2%	38.7%	Below	Total Population
CentraCare Family Health Center	141	35.5%	28.1%	43.7%	Average	Total Population
Winona Health Services	353	34.6%	29.8%	39.7%	Below	Total Population
Olmsted Medical Center	450	33.3%	29.1%	37.8%	Below	Total Population
Fairview Mesaba Clinics	132	33.3%	25.9%	41.8%	Below	Total Population
First Care Medical Services	94	33.0%	24.3%	43.0%	Below	Total Population
Lake Superior Community Health Center	79	32.9%	23.6%	43.9%	Average	Total Population
Lake Region Healthcare	234	32.5%	26.8%	38.7%	Below	Total Population
North Clinic	254	32.3%	26.8%	38.3%	Below	Total Population
Southside Community Health Services	85	31.8%	22.8%	42.3%	Below	Total Population
Cedar Riverside People's Center	340	31.5%	26.8%	36.6%	Below	Total Population
Neighborhood Healthsource	140	31.4%	24.3%	39.5%	Below	Total Population
Sibley Medical Center DBA Ridgeview Sibley Medical Center	48	31.3%	20.0%	45.3%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	2,530	30.5%	28.8%	32.3%	Below	Total Population
Duluth Family Medicine Clinic	60	30.0%	19.9%	42.5%	Below	Total Population
NorthPoint Health & Wellness Center	446	28.3%	24.3%	32.6%	Below	Total Population
West Side Community Health Services	521	28.2%	24.5%	32.2%	Below	Total Population
Open Cities Health Center	253	27.3%	22.2%	33.1%	Below	Total Population
Life Medical	57	26.3%	16.7%	39.0%	Below	Total Population
Tri-County Health Care	168	26.2%	20.1%	33.3%	Below	Total Population
Sawtooth Mountain Clinic	39	25.6%	14.6%	41.1%	Below	Total Population
Riverwood Healthcare Center	159	25.2%	19.1%	32.4%	Below	Total Population
Parkview Medical Clinic - Minnesota Healthcare Network	160	24.4%	18.4%	31.6%	Below	Total Population
Indian Health Board of Minneapolis	115	24.4%	17.4%	32.9%	Below	Total Population
Renville County Hospital and Clinics	67	22.4%	14.1%	33.7%	Below	Total Population
Glenwood Medical Center	45	22.2%	12.5%	36.3%	Below	Total Population
Open Door Health Center	54	20.4%	11.8%	32.9%	Below	Total Population
Advanced Medical Clinic	37	18.9%	9.5%	34.2%	Below	Sample
New Hope Crystal Medical Clinic	53	18.9%	10.6%	31.4%	Below	Total Population
FamilyHealth Medical Clinics	30	16.7%	7.3%	33.6%	Below	Total Population
Lakewood Health Center Clinic	48	14.6%	7.3%	27.2%	Below	Total Population

**Table 20.1: Optimal Vascular Care by Clinic**  
(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (+= Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	10,152	58.3%	57.3%	59.3%		
University of Minnesota Heart Care - Fairview Southdale Hospital	212	79.7%	73.8%	84.6%	Above	Total Population
Stillwater Medical Group - Curve Crest Clinic	33	78.8%	62.3%	89.3%	Above	Total Population
St. Cloud Medical Group - South -IHN	69	78.3%	67.2%	86.4%	Above	Total Population
Mankato Clinic - Main Street	56	76.8%	64.2%	85.9%	Above	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	86	75.6%	65.5%	83.4%	Above	Total Population
Fairview Eagan Clinic	32	75.0%	57.9%	86.8%	Average	Total Population
St. Cloud Medical Group - NW- IHN	47	74.5%	60.5%	84.8%	Above	Total Population
Entira Family Clinics - Shoreview	31	74.2%	56.8%	86.3%	Average	Total Population
Sanford Bemidji Main Clinic Internal Medicine	30	73.3%	55.6%	85.8%	Average	Total Population
Multicare Associates - Blaine Medical Center	33	72.7%	55.8%	84.9%	Average	Total Population
HealthPartners - Como	36	72.2%	56.0%	84.2%	Average	Total Population
Park Nicollet Clinic - Shakopee	38	71.1%	55.2%	83.0%	Average	Total Population
Mayo Clinic Health System Mankato Eastridge	34	70.6%	53.8%	83.2%	Average	Total Population
CentraCare River Campus-Internal Medicine	60	70.0%	57.5%	80.1%	Average	Total Population
+Allina Health Specialties - Minneapolis Heart Institute - Baxter	30	70.0%	52.1%	83.3%	Average	Total Population
+Allina Health Specialties - Minneapolis Heart Institute ANW	142	69.7%	61.7%	76.7%	Above	Total Population
Mayo Clinic Health System Fairmont	66	69.7%	57.8%	79.5%	Average	Total Population
St Luke's Clinics-Internal Medicine Associates	82	69.5%	58.9%	78.4%	Above	Total Population
+Allina Health Specialties - Minneapolis Heart Institute Edina	38	68.4%	52.5%	80.9%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	78	68.0%	57.0%	77.3%	Average	Total Population
Park Nicollet Clinic - Minneapolis	31	67.7%	50.1%	81.4%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	40	67.5%	52.0%	79.9%	Average	Total Population
+Allina Hlth Specialties - Metropolitan Heart/Vascular Inst Buffalo	46	67.4%	53.0%	79.1%	Average	Total Population
HealthEast Rice Street Clinic	55	67.3%	54.1%	78.2%	Average	Total Population
Allina Health - Coon Rapids	64	67.2%	55.0%	77.4%	Average	Total Population
+University of Minn. Heart Care at Fairview Ridges Special Care Ctr	38	65.8%	49.9%	78.8%	Average	Total Population
Mayo Clinic Health System Albert Lea	73	65.8%	54.3%	75.6%	Average	Total Population
Multicare Associates - Fridley Medical Center	60	65.0%	52.4%	75.8%	Average	Total Population
HealthPartners - Riverside	37	64.9%	48.8%	78.2%	Average	Total Population
HealthEast Roselawn Clinic	37	64.9%	48.8%	78.2%	Average	Total Population
Park Nicollet Clinic - Burnsville	48	64.6%	50.4%	76.6%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	62	64.5%	52.1%	75.3%	Average	Total Population
Entira Family Clinics - Inver Grove Heights	59	64.4%	51.7%	75.4%	Average	Total Population
+CentraCare River Campus-CentraCare Heart & Vascular Center	112	64.3%	55.1%	72.6%	Average	Total Population
Sanford Worthington Clinic	36	63.9%	47.6%	77.5%	Average	Total Population
North Memorial Clinic - Maple Grove	33	63.6%	46.6%	77.8%	Average	Total Population
CentraCare Clinic - Northway	33	63.6%	46.6%	77.8%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	30	63.3%	45.5%	78.1%	Average	Total Population
Family Medical Center	54	63.0%	49.6%	74.6%	Average	Total Population
+Allina Hlth Specialties - Metropolitan Heart/Vascular Inst Fridley	98	62.2%	52.4%	71.2%	Average	Total Population
Mayo Clinic - Speciality Practice	90	62.2%	51.9%	71.5%	Average	Total Population
+University of Minnesota Heart Care - University of Minn. Med Ctr	134	61.9%	53.5%	69.7%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	49	61.2%	47.3%	73.6%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	36	61.1%	44.9%	75.2%	Average	Total Population
Fairview Princeton Clinic	38	60.5%	44.7%	74.4%	Average	Total Population
Essentia Health - Duluth Clinic Main	129	60.5%	51.8%	68.5%	Average	Total Population
Sanford Health Detroit Lakes Clinic	48	60.4%	46.3%	73.0%	Average	Total Population
+North Memorial Heart & Vascular Institute	143	60.1%	52.0%	67.8%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	35	60.0%	43.6%	74.5%	Average	Total Population
Allina Health - Faribault	35	60.0%	43.6%	74.5%	Average	Total Population
+St Luke's Clinics-Cardiology Associates	79	59.5%	48.5%	69.6%	Average	Total Population
Entira Family Clinics - North St. Paul	37	59.5%	43.5%	73.7%	Average	Total Population
HealthPartners - Brooklyn Center	32	59.4%	42.3%	74.5%	Average	Total Population
Winona Health - Winona Clinic	66	59.1%	47.1%	70.1%	Average	Total Population
Park Nicollet Clinic - Brookdale	44	59.1%	44.4%	72.3%	Average	Total Population
Fairview Burnsville Clinic	34	58.8%	42.2%	73.6%	Average	Total Population
+Allina Hlth Specialties-Metropolitan Heart/Vascular Coon Rapids	226	58.4%	51.9%	64.6%	Average	Total Population
+Allina Health Specialties - United Heart and Vascular Clinic	269	58.4%	52.4%	64.1%	Average	Total Population

**Table 20.1: Optimal Vascular Care by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (+ = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>10,152</b>	<b>58.3%</b>	<b>57.3%</b>	<b>59.3%</b>		
Entira Family Clinics - Maplewood/Battle Creek	36	58.3%	42.2%	72.9%	Average	Total Population
HealthPartners - Regions Specialty Ctr	141	58.2%	49.9%	66.0%	Average	Total Population
Allina Health - Northfield	31	58.1%	40.8%	73.6%	Average	Total Population
NorthPoint Health & Wellness Center	57	57.9%	45.0%	69.8%	Average	Total Population
Essentia Health - Virginia Clinic	64	57.8%	45.6%	69.1%	Average	Total Population
United Hospital District Clinic	163	57.7%	50.0%	65.0%	Average	Total Population
Mayo Clinic Health System Owatonna	67	56.7%	44.8%	67.9%	Average	Total Population
Allina Health - Cambridge	62	56.5%	44.1%	68.1%	Average	Total Population
West Side Community Health Services - East Side Family Clinic	32	56.3%	39.3%	71.8%	Average	Total Population
HealthEast Heart Care-St. Joseph's Hospital	172	55.8%	48.4%	63.0%	Average	Total Population
Fairview Fridley Clinic	45	55.6%	41.2%	69.1%	Average	Total Population
EH-Park Rapids	36	55.6%	39.6%	70.5%	Average	Total Population
FirstLight Health System - Mora	44	54.6%	40.1%	68.3%	Average	Total Population
Mayo Clinic Health System Red Wing	36	52.8%	37.0%	68.0%	Average	Total Population
Fairview Columbia Heights Clinic	38	52.6%	37.3%	67.5%	Average	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	80	52.5%	41.7%	63.1%	Average	Total Population
Sanford Thief River Falls Clinic	37	51.4%	35.9%	66.6%	Average	Total Population
Raiter Clinic-IHN	44	50.0%	35.8%	64.2%	Average	Total Population
Mayo Clinic Health System Austin	67	49.3%	37.7%	60.9%	Average	Total Population
HealthPartners - University Ave	37	48.7%	33.5%	64.1%	Average	Total Population
Tri-County Health Care - Wadena Clinic	35	48.6%	33.0%	64.4%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	50	46.0%	33.0%	59.6%	Average	Total Population
United Family Medicine	70	45.7%	34.6%	57.3%	Below	Total Population
Fairview Lakes Medical Center	35	45.7%	30.5%	61.8%	Average	Total Population
University of Minnesota Physicians - Bethesda Family Med. Clinic	33	45.5%	29.8%	62.0%	Average	Total Population
Essentia Health - West Duluth Clinic	42	45.2%	31.2%	60.1%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	63	42.9%	31.4%	55.1%	Below	Total Population
Hennepin Cnty Medical Center Clinics-Downtown Medicine Clinic	293	42.3%	36.8%	48.0%	Below	Total Population
North Clinic - Oakdale Office in Robbinsdale	52	42.3%	29.9%	55.8%	Below	Total Population
Sanford Bemidji Main Clinic	50	42.0%	29.4%	55.8%	Below	Total Population
Allina Health Specialties - New Ulm Medical Center	42	40.5%	27.0%	55.5%	Below	Total Population
Hennepin County Medical Center Clinics - Internal Med. Parkside	31	38.7%	23.7%	56.2%	Below	Total Population
University of Minnesota Physicians - Broadway Family Med. Clinic	52	36.5%	24.8%	50.1%	Below	Total Population
HealthPartners - St Paul	35	34.3%	20.8%	50.9%	Below	Total Population
Hennepin County Medical Center Clinics - Whittier Clinic	68	33.8%	23.7%	45.7%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	72	30.6%	21.1%	42.0%	Below	Total Population
Community-University Health Care Center	40	25.0%	14.2%	40.2%	Below	Total Population

**Table 20.2: Optimal Vascular Care by Medical Group**  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	10,152	58.3%	57.3%	59.3%		
Mankato Clinic, Ltd.	103	71.8%	62.5%	79.6%	Above	Total Population
Stillwater Medical Group	45	71.1%	56.6%	82.3%	Average	Total Population
Multicare Associates	99	69.7%	60.1%	77.9%	Above	Total Population
Entira Family Clinics	253	68.0%	62.0%	73.4%	Above	Total Population
Integrity Health Network	217	67.3%	60.8%	73.2%	Above	Total Population
Park Nicollet Health Services	408	65.9%	61.2%	70.4%	Above	Total Population
University of Minnesota Physicians	498	65.9%	61.6%	69.9%	Above	Total Population
CentraCare Health	310	65.5%	60.0%	70.6%	Above	Total Population
Alexandria Clinic	30	63.3%	45.5%	78.1%	Average	Total Population
Mayo Clinic Health System	575	63.1%	59.1%	67.0%	Above	Total Population
Unity Family Healthcare, Family Medical Center	54	63.0%	49.6%	74.6%	Average	Total Population
Affiliated Community Medical Centers	134	62.7%	54.3%	70.4%	Average	Total Population
Sanford Health - Sioux Falls Region	99	62.6%	52.8%	71.5%	Average	Total Population
Ridgeview Clinics	37	62.2%	46.1%	75.9%	Average	Total Population
Allina Health Clinics	684	62.0%	58.3%	65.6%	Average	Total Population
Allina Health Specialties	961	61.3%	58.2%	64.3%	Average	Total Population
HealthEast Clinics	442	61.1%	56.5%	65.5%	Average	Total Population
North Memorial	331	59.5%	54.2%	64.7%	Average	Total Population
Fairview Health Services	604	59.4%	55.5%	63.3%	Average	Total Population
Winona Health Services	66	59.1%	47.1%	70.1%	Average	Total Population
St. Luke's Clinics	253	58.9%	52.7%	64.8%	Average	Total Population
NorthPoint Health & Wellness Center	57	57.9%	45.0%	69.8%	Average	Total Population
United Hospital District Clinic	163	57.7%	50.0%	65.0%	Average	Total Population
West Side Community Health Services	54	57.4%	44.2%	69.7%	Average	Total Population
HealthPartners Clinics	532	57.1%	52.9%	61.3%	Average	Total Population
Essentia Health - Central Region	153	56.9%	48.9%	64.5%	Average	Total Population
Essentia Health - East Region	473	56.7%	52.2%	61.1%	Average	Total Population
Essentia Health St. Mary's	81	55.6%	44.7%	65.9%	Average	Total Population
Mayo Clinic	175	55.4%	48.0%	62.6%	Average	Total Population
Sanford Health - Fargo Region	336	52.7%	47.3%	58.0%	Below	Total Population
Lake Region Healthcare	84	52.4%	41.8%	62.7%	Average	Total Population
FirstLight Health System	58	51.7%	39.2%	64.1%	Average	Total Population
Riverwood Healthcare Center	36	47.2%	32.0%	63.0%	Average	Total Population
North Clinic	96	46.9%	37.2%	56.8%	Below	Total Population
Tri-County Health Care	43	46.5%	32.5%	61.1%	Average	Total Population
Olmsted Medical Center	80	46.3%	35.8%	57.1%	Below	Total Population
United Family Medicine	70	45.7%	34.6%	57.3%	Below	Total Population
Northwest Family Physicians	38	44.7%	30.2%	60.3%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	553	42.9%	38.8%	47.0%	Below	Total Population
Gateway Family Health Clinic	44	40.9%	27.7%	55.6%	Below	Total Population
Altru Health System	45	40.0%	27.0%	54.6%	Below	Total Population
Open Cities Health Center	72	30.6%	21.1%	42.0%	Below	Total Population
Community University Health Care Center	40	25.0%	14.2%	40.2%	Below	Total Population

**Table 21.1: Optimal Asthma Control – Children Ages 5-17 by Clinic**

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (# = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	13,689	53.0%	52.1%	53.8%		
Allina Health - East Lake Street (Aspen)	31	90.3%	75.1%	96.7%	Above	Total Population
■ Advancements in Allergy and Asthma Care, Ltd.	32	87.5%	71.9%	95.0%	Above	Total Population
# South Lake Pediatrics - Minnetonka	31	87.1%	71.2%	94.9%	Above	Total Population
Mankato Clinic - Daniel's Health Center	30	86.7%	70.3%	94.7%	Above	Total Population
Allina Health - Buffalo	32	84.4%	68.3%	93.1%	Above	Total Population
Fairview Lakes Medical Center	79	82.3%	72.4%	89.1%	Above	Total Population
Olmsted Medical Center - Rochester Southeast	85	81.2%	71.6%	88.1%	Above	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	40	80.0%	65.2%	89.5%	Above	Total Population
# Mankato Clinic - Children's Health Center	70	78.6%	67.6%	86.6%	Above	Total Population
Fairview Milaca Clinic	32	78.1%	61.3%	89.0%	Above	Total Population
Park Nicollet Clinic - Shakopee	68	77.9%	66.7%	86.2%	Above	Total Population
# CentraCare Health Plaza - Pediatrics	199	77.9%	71.6%	83.1%	Above	Total Population
# South Lake Pediatrics - Eden Prairie	30	76.7%	59.1%	88.2%	Above	Total Population
Mayo Clinic Health System Austin	51	76.5%	63.2%	86.0%	Above	Total Population
Allina Health - Bandana Square (Aspen)	59	76.3%	64.0%	85.3%	Above	Total Population
Allina Health - Bloomington (Aspen)	42	76.2%	61.5%	86.5%	Above	Total Population
# Fairview Children's Clinic	169	75.7%	68.8%	81.6%	Above	Total Population
Allina Health - Coon Rapids	136	75.0%	67.1%	81.5%	Above	Total Population
Fairview Andover Clinic	38	73.7%	58.0%	85.0%	Above	Total Population
Park Nicollet Clinic - Burnsville	106	73.6%	64.5%	81.1%	Above	Total Population
# Sanford Children's Clinic 69th & Louise	106	72.6%	63.5%	80.2%	Above	Total Population
HealthPartners - Coon Rapids	58	72.4%	59.8%	82.3%	Above	Total Population
Fairview Apple Valley Clinic	32	71.9%	54.6%	84.4%	Above	Total Population
HealthPartners - Anoka	53	71.7%	58.4%	82.0%	Above	Total Population
Essentia Health - South University	41	70.7%	55.5%	82.4%	Above	Total Population
Park Nicollet Clinic - Eagan	34	70.6%	53.8%	83.2%	Above	Total Population
# Children's Respiratory & Critical Care Specialists - Minnetonka	51	70.6%	57.0%	81.3%	Above	Total Population
HealthPartners - Woodbury	80	70.0%	59.2%	78.9%	Above	Total Population
HealthPartners - Bloomington	71	69.0%	57.5%	78.6%	Above	Total Population
# Sanford Children's Clinic MB2	167	68.9%	61.5%	75.4%	Above	Total Population
HealthPartners - Brooklyn Center	154	68.8%	61.1%	75.6%	Above	Total Population
Affiliated Community Medical Centers - Willmar Clinic	78	68.0%	57.0%	77.3%	Above	Total Population
HealthPartners Central Minnesota Clinics	59	67.8%	55.1%	78.3%	Above	Total Population
Fairview Columbia Heights Clinic	77	67.5%	56.5%	76.9%	Above	Total Population
Fairview Oxboro Clinic	132	66.7%	58.3%	74.1%	Above	Total Population
Park Nicollet Clinic - Bloomington	44	65.9%	51.1%	78.1%	Average	Total Population
Essentia Health - St. Mary's-Superior Clinic	32	65.6%	48.3%	79.6%	Average	Total Population
# Metropolitan Pediatric Specialists - Burnsville	69	65.2%	53.5%	75.4%	Above	Total Population
Allina Health Specialties - New Ulm Medical Center	37	64.9%	48.8%	78.2%	Average	Total Population
Mayo Clinic Health System Albert Lea	59	64.4%	51.7%	75.4%	Average	Total Population
Fairview Burnsville Clinic	92	64.1%	54.0%	73.2%	Above	Total Population
HealthPartners - Apple Valley	39	64.1%	48.4%	77.3%	Average	Total Population
Affiliated Community Medical Centers - Marshall Clinic	36	63.9%	47.6%	77.5%	Average	Total Population
Park Nicollet Clinic - Lakeville	30	63.3%	45.5%	78.1%	Average	Total Population
Essentia Health - Hayward Clinic	30	63.3%	45.5%	78.1%	Average	Total Population
Grand Itasca Clinic	62	62.9%	50.5%	73.8%	Average	Total Population
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	93	62.4%	52.2%	71.5%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	107	61.7%	52.2%	70.3%	Average	Total Population
# Mayo Clinic - Baldwin Building, Pediatrics	65	61.5%	49.4%	72.4%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	31	61.3%	43.8%	76.3%	Average	Total Population
Mayo Clinic Health System Red Wing	31	61.3%	43.8%	76.3%	Average	Total Population
Allina Health - Woodbury	31	61.3%	43.8%	76.3%	Average	Total Population
# Children's Respiratory & Critical Care Specialists - Minneapolis	205	61.0%	54.2%	67.4%	Above	Total Population
HealthPartners - Como	75	60.0%	48.7%	70.3%	Average	Total Population
Hennepin County Medical Center Clinics - Richfield Clinic	100	60.0%	50.2%	69.1%	Average	Total Population
# Children's Speciality Clinic - St. Paul	130	60.0%	51.4%	68.0%	Average	Total Population
Allina Health - Cambridge	76	59.2%	48.0%	69.6%	Average	Total Population
Allina Health - Faribault	49	59.2%	45.3%	71.8%	Average	Total Population

**Table 21.1: Optimal Asthma Control – Children Ages 5-17 by Clinic - *continued***  
 (Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	13,689	53.0%	52.1%	53.8%		
HealthPartners - Maplewood	115	59.1%	50.0%	67.7%	Average	Total Population
Fairview Elk River Clinic	44	59.1%	44.4%	72.3%	Average	Total Population
University of Minnesota Health - Smiley's Family Medicine Clinic	51	58.8%	45.2%	71.3%	Average	Total Population
# Sanford Children's Clinic 26th & Sycamore	102	58.8%	49.1%	67.9%	Average	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	34	58.8%	42.2%	73.6%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	131	58.8%	50.2%	66.8%	Average	Total Population
# Children's Respiratory & Critical Care Specialists - St Paul	161	58.4%	50.7%	65.7%	Average	Total Population
Native American Community Clinic	52	57.7%	44.2%	70.1%	Average	Total Population
Fairview Brooklyn Park Clinic	59	57.6%	44.9%	69.4%	Average	Total Population
# Sanford Children's Southwest Clinic	66	57.6%	45.6%	68.8%	Average	Total Population
# Hennepin County Medical Ctr. Clinics - Downtown Pediatric Clinic	690	57.5%	53.8%	61.2%	Above	Total Population
Hennepin County Medical Center Clinics - Brooklyn Park Clinic	110	57.3%	47.9%	66.1%	Average	Total Population
HealthPartners - Riverside	100	57.0%	47.2%	66.3%	Average	Total Population
HealthPartners - St Paul	160	56.9%	49.1%	64.3%	Average	Total Population
Allina Health - West St. Paul	37	56.8%	40.9%	71.3%	Average	Total Population
Sanford Southpointe Clinic	67	56.7%	44.8%	67.9%	Average	Total Population
HealthPartners - Midway	136	56.6%	48.2%	64.7%	Average	Total Population
Park Nicollet Clinic - Maple Grove	34	55.9%	39.5%	71.1%	Average	Total Population
# Children's General Pediatric Clinic - Minneapolis	533	55.7%	51.5%	59.9%	Average	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	36	55.6%	39.6%	70.5%	Average	Total Population
Park Nicollet Clinic - Minneapolis	140	54.3%	46.0%	62.3%	Average	Total Population
Fairview Fridley Clinic	59	54.2%	41.7%	66.3%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	45	53.3%	39.1%	67.1%	Average	Total Population
# Children's General Pediatric Clinic - St. Paul	268	52.6%	46.6%	58.5%	Average	Total Population
HealthPartners - White Bear Lake	40	52.5%	37.5%	67.1%	Average	Total Population
Park Nicollet Clinic - Brookdale	147	51.7%	43.7%	59.6%	Average	Total Population
# Children's Speciality Clinic - Minneapolis	86	51.2%	40.8%	61.5%	Average	Total Population
Sanford Worthington Clinic	49	51.0%	37.5%	64.4%	Average	Total Population
■ Allergy, Asthma & Immunology - Shoreview	50	50.0%	36.6%	63.4%	Average	Total Population
University of MN Physicians - Bethesda Family Medicine Clinic	93	46.2%	36.5%	56.3%	Average	Total Population
Sanford Health Watertown Clinic	46	45.7%	32.2%	59.8%	Average	Total Population
West Side Community Health Services - La Clinica	58	44.8%	32.8%	57.6%	Average	Total Population
Sanford 69th and Minnesota Family Medicine	47	44.7%	31.4%	58.8%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	45	44.4%	30.9%	58.8%	Average	Total Population
Mayo Clinic - Speciality Practice	46	41.3%	28.3%	55.7%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	58	39.7%	28.1%	52.5%	Below	Total Population
# Sanford Children's Specialty Clinic	134	39.6%	31.7%	48.0%	Below	Total Population
Sanford 49th and Oxbow Family Medicine	40	37.5%	24.2%	53.0%	Average	Total Population
EH-Park Rapids	30	36.7%	21.9%	54.5%	Average	Total Population
NorthPoint Health & Wellness Center	145	36.6%	29.2%	44.6%	Below	Total Population
Park Nicollet Clinic - Chanhassen	37	35.1%	21.8%	51.2%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	79	32.9%	23.6%	43.9%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	32	31.3%	18.0%	48.6%	Below	Total Population
University of MN Physicians - Broadway Family Medicine Clinic	74	31.1%	21.7%	42.3%	Below	Total Population
United Family Medicine	67	28.4%	19.0%	40.1%	Below	Total Population
HealthEast Maplewood Clinic	112	26.8%	19.5%	35.7%	Below	Total Population
HealthEast Woodbury Clinic	55	25.5%	15.8%	38.3%	Below	Total Population
HealthEast Roselawn Clinic	74	24.3%	16.0%	35.2%	Below	Total Population
Sanford 26th and Sycamore Family Medicine	33	24.2%	12.8%	41.0%	Below	Total Population
Sanford Aberdeen Clinic	76	23.7%	15.5%	34.4%	Below	Total Population
HealthEast Rice Street Clinic	55	23.6%	14.4%	36.4%	Below	Total Population
Winona Health - Winona Clinic	44	22.7%	12.8%	37.0%	Below	Total Population
HealthEast Oakdale	32	21.9%	11.0%	38.8%	Below	Total Population
HealthEast Tamarack Clinic Woodbury	48	20.8%	11.7%	34.3%	Below	Total Population
Sanford Health Mitchell Clinic	32	18.8%	8.9%	35.3%	Below	Total Population
Family Medical Center	80	7.5%	3.5%	15.4%	Below	Total Population
Avera Medical Group - Worthington	56	1.8%	0.3%	9.5%	Below	Total Population
Altru Health System - Main	91	0.0%	0.0%	4.1%	Below	Total Population
Community-University Health Care Center	84	0.0%	0.0%	4.4%	Below	Total Population

**Table 21.2: Optimal Asthma Control – Children Ages 5-17 by Medical Group**  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	13,689	53.0%	52.1%	53.8%		
■ Advancements in Allergy and Asthma Care	32	87.5%	71.9%	95.0%	Above	Total Population
# South Lake Pediatrics	129	86.8%	79.9%	91.6%	Above	Total Population
CentraCare Health	271	79.7%	74.5%	84.1%	Above	Total Population
Olmsted Medical Center	139	78.4%	70.9%	84.4%	Above	Total Population
Mankato Clinic, Ltd.	130	76.9%	69.0%	83.3%	Above	Total Population
# Wayzata Children's Clinic	51	76.5%	63.2%	86.0%	Above	Total Population
Essentia Health - West	76	71.1%	60.0%	80.0%	Above	Total Population
■ Allergy & Asthma Specialists, PA	85	69.4%	59.0%	78.2%	Above	Total Population
Allina Health Clinics	914	68.2%	65.1%	71.1%	Above	Total Population
HealthPartners Central Minnesota Clinics	59	67.8%	55.1%	78.3%	Above	Total Population
Fairview Health Services	1,176	65.3%	62.5%	68.0%	Above	Total Population
Allina Health Specialties	37	64.9%	48.8%	78.2%	Average	Total Population
HealthPartners Clinics	1,232	63.5%	60.8%	66.1%	Above	Total Population
Grand Itasca Clinic	62	62.9%	50.5%	73.8%	Average	Total Population
Affiliated Community Medical Centers	152	62.5%	54.6%	69.8%	Above	Total Population
Stillwater Medical Group	31	61.3%	43.8%	76.3%	Average	Total Population
# Children's Respiratory & Critical Care Specialists	417	61.2%	56.4%	65.7%	Above	Total Population
Park Nicollet Health Services	890	60.3%	57.1%	63.5%	Above	Total Population
Essentia Health - East Region	351	59.0%	53.8%	64.0%	Above	Total Population
Mayo Clinic Health System	369	58.8%	53.7%	63.7%	Above	Total Population
Native American Community Clinic	52	57.7%	44.2%	70.1%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	1,099	57.5%	54.6%	60.4%	Above	Total Population
Essentia Health - Central Region	62	56.5%	44.1%	68.1%	Average	Total Population
Mayo Clinic	159	56.0%	48.2%	63.5%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	79	55.7%	44.7%	66.1%	Average	Total Population
# Children's Hospitals and Clinics of Minnesota	1,225	54.9%	52.1%	57.7%	Average	Total Population
■ Allergy, Asthma & Immunology Clinic	50	50.0%	36.6%	63.4%	Average	Total Population
Essentia Health - St. Mary's	60	46.7%	34.6%	59.1%	Average	Total Population
Sanford Health - Sioux Falls Region	1,131	46.2%	43.4%	49.2%	Below	Total Population
Sanford Health - Fargo Region	356	44.1%	39.0%	49.3%	Below	Total Population
FirstLight Health System	30	43.3%	27.4%	60.8%	Average	Total Population
Alexandria Clinic	65	43.1%	31.8%	55.2%	Average	Total Population
University of Minnesota Physicians	272	43.0%	37.3%	49.0%	Below	Total Population
West Side Community Health Services	149	36.9%	29.6%	44.9%	Below	Total Population
NorthPoint Health & Wellness Center	145	36.6%	29.2%	44.6%	Below	Total Population
St. Luke's Clinics	75	32.0%	22.5%	43.2%	Below	Total Population
Open Cities Health Center	32	31.3%	18.0%	48.6%	Below	Total Population
North Memorial	52	30.8%	19.9%	44.3%	Below	Total Population
Integrity Health Network	111	28.8%	21.2%	37.9%	Below	Total Population
United Family Medicine	67	28.4%	19.0%	40.1%	Below	Total Population
Neighborhood Healthsource	36	25.0%	13.8%	41.1%	Below	Total Population
HealthEast Clinics	441	23.1%	19.4%	27.3%	Below	Total Population
Winona Health Services	46	21.7%	12.3%	35.6%	Below	Total Population
Unity Family Healthcare, Family Medical Center	87	6.9%	3.2%	14.2%	Below	Total Population
Avera Medical Group	87	4.6%	1.8%	11.2%	Below	Total Population
Gateway Family Health Clinic	30	3.3%	0.6%	16.7%	Below	Total Population
North Clinic	36	0.0%	0.0%	9.6%	Below	Total Population
Altru Health System	130	0.0%	0.0%	2.9%	Below	Total Population
Riverwood Healthcare Center	45	0.0%	0.0%	7.9%	Below	Total Population
Community University Health Care Center	84	0.0%	0.0%	4.4%	Below	Total Population

**Table 22.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic**

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	14,732	41.7%	40.9%	42.5%		
CentraCare Clinic - Northway	39	82.1%	67.3%	91.0%	Above	Total Population
Allina Health - Buffalo	59	79.7%	67.7%	88.0%	Above	Total Population
Allina Health - Faribault	57	79.0%	66.7%	87.5%	Above	Total Population
Fairview Uptown Clinic	52	75.0%	61.8%	84.8%	Above	Total Population
Allina Health - Eagan	46	73.9%	59.7%	84.4%	Above	Total Population
Allina Health - Cambridge	116	72.4%	63.7%	79.7%	Above	Total Population
Allina Health - Northfield	49	71.4%	57.6%	82.2%	Above	Total Population
Allina Health - First Street	38	71.1%	55.2%	83.0%	Above	Total Population
HealthPartners Central Minnesota Clinics	85	70.6%	60.2%	79.2%	Above	Total Population
Allina Health Specialties - New Ulm Medical Center	50	70.0%	56.3%	80.9%	Above	Total Population
Fairview New Brighton Clinic	85	69.4%	59.0%	78.2%	Above	Total Population
Fairview Oxboro Clinic	65	69.2%	57.2%	79.1%	Above	Total Population
Park Nicollet Clinic - Bloomington	42	69.1%	54.0%	80.9%	Above	Total Population
Essentia Health - Duluth Clinic 1st St	62	67.7%	55.4%	78.1%	Above	Total Population
Allina Health - East Lake Street (Aspen)	49	67.4%	53.4%	78.8%	Above	Total Population
Allina Health - Richfield	52	67.3%	53.8%	78.5%	Above	Total Population
Allina Health - West St. Paul	67	67.2%	55.3%	77.2%	Above	Total Population
Allina Health - Coon Rapids	191	67.0%	60.1%	73.3%	Above	Total Population
Fairview Zimmerman Clinic	30	66.7%	48.8%	80.8%	Above	Total Population
Essentia Health - Detroit Lakes	36	66.7%	50.3%	79.8%	Above	Total Population
Mayo Clinic Health System Red Wing	44	65.9%	51.1%	78.1%	Above	Total Population
Allina Health - Cottage Grove	55	65.5%	52.3%	76.6%	Above	Total Population
Fairview Lino Lakes Clinic	43	65.1%	50.2%	77.6%	Above	Total Population
Allina Health - Forest Lake	40	65.0%	49.5%	77.9%	Above	Total Population
Allina Health - Bandana Square (Aspen)	96	64.6%	54.6%	73.4%	Above	Total Population
Park Nicollet Clinic - Shakopee	56	64.3%	51.2%	75.5%	Above	Total Population
Fairview Princeton Clinic	78	64.1%	53.0%	73.9%	Above	Total Population
Fairview Elk River Clinic	44	63.6%	48.9%	76.2%	Above	Total Population
Fairview Fridley Clinic	94	62.8%	52.7%	71.9%	Above	Total Population
Essentia Health St. Joseph's Baxter Clinic	45	62.2%	47.6%	74.9%	Above	Total Population
Fairview Highland Park Clinic	36	61.1%	44.9%	75.2%	Above	Total Population
Fairview EdenCenter Clinic	36	61.1%	44.9%	75.2%	Above	Total Population
# Hennepin County Medical Ctr. Clinics - Downtown Pediatric Clinic	66	60.6%	48.6%	71.5%	Above	Total Population
Park Nicollet Clinic - Maple Grove	48	60.4%	46.3%	73.0%	Above	Total Population
Fairview Apple Valley Clinic	90	60.0%	49.7%	69.5%	Above	Total Population
Fairview Chisago Lakes Clinic	44	59.1%	44.4%	72.3%	Above	Total Population
Fairview Milaca Clinic	34	58.8%	42.2%	73.6%	Above	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	34	58.8%	42.2%	73.6%	Above	Total Population
Fairview Hiawatha Clinic	53	58.5%	45.1%	70.7%	Above	Total Population
■ Park Nicollet Clinic - St. Louis Park Asthma and Allergy	31	58.1%	40.8%	73.6%	Average	Total Population
Fairview Prior Lake Clinic	31	58.1%	40.8%	73.6%	Average	Total Population
HealthPartners - Riverside	81	58.0%	47.2%	68.2%	Above	Total Population
HealthPartners - Maplewood	95	57.9%	47.9%	67.3%	Above	Total Population
Fairview Columbia Heights Clinic	95	57.9%	47.9%	67.3%	Above	Total Population
HealthPartners - Coon Rapids	85	57.7%	47.0%	67.6%	Above	Total Population
Allina Health - Woodbury	48	56.3%	42.3%	69.3%	Above	Total Population
Fairview North Branch Clinic	57	56.1%	43.3%	68.2%	Above	Total Population
Fairview Blaine Clinic	36	55.6%	39.6%	70.5%	Average	Total Population
Fairview Lakes Medical Center	118	55.1%	46.1%	63.8%	Above	Total Population
Allina Health - Maplewood (Aspen)	62	54.8%	42.5%	66.6%	Above	Total Population
Fairview Burnsville Clinic	64	54.7%	42.6%	66.3%	Above	Total Population
Olmsted Medical Center - Rochester Southeast	138	54.4%	46.0%	62.4%	Above	Total Population
Affiliated Community Medical Centers- Marshall Clinic	48	54.2%	40.3%	67.4%	Average	Total Population
Mayo Clinic Health System Mankato Northridge	48	54.2%	40.3%	67.4%	Average	Total Population
Fairview Brooklyn Park Clinic	97	53.6%	43.7%	63.2%	Above	Total Population

**Table 22.1: Optimal Asthma Control– Adults Ages 18-50 by Clinic - *continued***  
 (Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	14,732	41.7%	40.9%	42.5%		
Hennepin County Medical Center Clinics - Brooklyn Park Clinic	56	53.6%	40.7%	66.0%	Average	Total Population
Fairview Bloomington Lake Xerxes	34	52.9%	36.7%	68.6%	Average	Total Population
Essentia Health - St. Mary's-Superior Clinic	53	52.8%	39.7%	65.6%	Average	Total Population
Allina Health - Nicollet Mall	38	52.6%	37.3%	67.5%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	76	52.6%	41.6%	63.5%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	48	52.1%	38.3%	65.5%	Average	Total Population
HealthPartners - Como	54	51.9%	38.9%	64.6%	Average	Total Population
HealthPartners - Apple Valley	31	51.6%	34.8%	68.0%	Average	Total Population
Allina Health - Bloomington (Aspen)	31	51.6%	34.8%	68.0%	Average	Total Population
Fairview Eagan Clinic	78	51.3%	40.4%	62.1%	Average	Total Population
HealthPartners - Hlth Ctr for Women	41	51.2%	36.5%	65.8%	Average	Total Population
Park Nicollet Clinic - Eagan	43	51.2%	36.8%	65.4%	Average	Total Population
HealthPartners - Brooklyn Center	92	51.1%	41.0%	61.1%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	71	50.7%	39.3%	62.0%	Average	Total Population
Fairview Andover Clinic	46	50.0%	36.1%	63.9%	Average	Total Population
Essentia Health - West Duluth Clinic	32	50.0%	33.6%	66.4%	Average	Total Population
Mayo Clinic Health System Fairmont	30	50.0%	33.2%	66.9%	Average	Total Population
HealthPartners - Anoka	55	49.1%	36.4%	61.9%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	43	48.8%	34.6%	63.3%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	80	48.8%	38.1%	59.5%	Average	Total Population
University of Minnesota Health - Smiley's Family Medicine Clinic	104	48.1%	38.7%	57.6%	Average	Total Population
Mankato Clinic - Wickersham Campus	46	47.8%	34.1%	61.9%	Average	Total Population
CentraCare Family Health Center	46	47.8%	34.1%	61.9%	Average	Total Population
Park Nicollet Clinic - Brookdale	95	47.4%	37.6%	57.3%	Average	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	38	47.4%	32.5%	62.7%	Average	Total Population
Mayo Clinic Health System St. Peter	34	47.1%	31.5%	63.3%	Average	Total Population
Fairview Riverside	39	46.2%	31.6%	61.4%	Average	Total Population
Park Nicollet Clinic - Burnsville	89	46.1%	36.1%	56.4%	Average	Total Population
HealthPartners - Woodbury	72	45.8%	34.8%	57.3%	Average	Total Population
Entira Family Clinics - North St. Paul	33	45.5%	29.8%	62.0%	Average	Total Population
Apple Valley Medical Clinic - Family Practice	31	45.2%	29.2%	62.2%	Average	Total Population
Mayo Clinic Health System Mankato Eastridge	52	44.2%	31.6%	57.7%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	129	44.2%	35.9%	52.8%	Average	Total Population
United Family Medicine	163	44.2%	36.8%	51.8%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	51	43.1%	30.5%	56.7%	Average	Total Population
Essentia Health - Deer River Clinic	35	42.9%	28.0%	59.1%	Average	Total Population
Sanford Health Broadway Clinic	33	42.4%	27.2%	59.2%	Average	Total Population
University of MN Physicians - Bethesda Family Medicine Clinic	109	42.2%	33.4%	51.6%	Average	Total Population
Sanford Southpointe Family Medicine	42	40.5%	27.0%	55.5%	Average	Total Population
Essentia Health - Lakeside Clinic	33	39.4%	24.7%	56.3%	Average	Total Population
EH-Park Rapids	36	38.9%	24.8%	55.1%	Average	Total Population
Grand Itasca Clinic	113	38.1%	29.6%	47.3%	Average	Total Population
Park Nicollet Clinic - Chanhasen	37	37.8%	24.1%	53.9%	Average	Total Population
HealthPartners - Bloomington	51	37.3%	25.3%	51.0%	Average	Total Population
Mankato Clinic - Main Street	38	36.8%	23.4%	52.7%	Average	Total Population
Range Regional Hlth Svcs. dba Fairview Mesaba Clinic - Hibbing	30	36.7%	21.9%	54.5%	Average	Total Population
Fairview Riverside Primary Care Clinic	41	36.6%	23.6%	51.9%	Average	Total Population
Mayo Clinic Health System Austin	39	35.9%	22.7%	51.6%	Average	Total Population
HealthPartners - St Paul	134	34.3%	26.8%	42.7%	Average	Total Population
Sanford Worthington Clinic	41	34.2%	21.6%	49.5%	Average	Total Population
Sanford Bemidji Main Clinic Family Medicine	30	33.3%	19.2%	51.2%	Average	Total Population

**Table 22.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic - *continued***  
 (Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>14,732</b>	<b>41.7%</b>	<b>40.9%</b>	<b>42.5%</b>		
Sanford 69th and Minnesota Family Medicine	51	33.3%	22.0%	47.0%	Average	Total Population
Essentia Health - Duluth Clinic	31	32.3%	18.6%	49.9%	Average	Total Population
Northwest Family Physicians - Crystal	47	31.9%	20.4%	46.2%	Average	Total Population
University of MN Physicians-Phalen Village Family Medicine Clinic	52	30.8%	19.9%	44.3%	Average	Total Population
HealthEast Oakdale	75	30.7%	21.4%	41.8%	Average	Total Population
Fairview Bloomington Lake Minneapolis	33	30.3%	17.4%	47.3%	Average	Total Population
Park Nicollet Clinic - Minneapolis	106	29.3%	21.4%	38.5%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	202	28.2%	22.5%	34.8%	Below	Total Population
Mayo Clinic Health System Owatonna	39	28.2%	16.5%	43.8%	Average	Total Population
Sanford 49th and Oxbow Family Medicine	43	27.9%	16.8%	42.7%	Average	Total Population
Mayo Clinic Health System Albert Lea	55	27.3%	17.3%	40.2%	Below	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	35	25.7%	14.2%	42.1%	Average	Total Population
St. Cloud Medical Group - NW- IHN	51	25.5%	15.6%	38.9%	Below	Total Population
HealthPartners - Midway	67	25.4%	16.5%	36.9%	Below	Total Population
Hennepin County Medical Center Clinics - East Lake Clinic	83	25.3%	17.2%	35.6%	Below	Total Population
HealthEast Tamarack Clinic Woodbury	44	25.0%	14.6%	39.4%	Below	Total Population
Hennepin County Medical Center Clinics - Brooklyn Center Clinic	33	24.2%	12.8%	41.0%	Below	Total Population
University of MN Physicians - Broadway Family Medicine Clinic	157	22.9%	17.1%	30.1%	Below	Total Population
Duluth Family Medicine Clinic	42	21.4%	11.7%	35.9%	Below	Total Population
Sanford Aberdeen Clinic	43	20.9%	11.4%	35.2%	Below	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	48	20.8%	11.7%	34.3%	Below	Total Population
HealthEast Roselawn Clinic	121	20.7%	14.4%	28.7%	Below	Total Population
Southside Medical Clinic	35	20.0%	10.0%	35.9%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	51	19.6%	11.0%	32.5%	Below	Total Population
Sanford 26th and Sycamore Family Medicine	44	18.2%	9.5%	32.0%	Below	Total Population
HCMC Clinics - Internal Medicine Clinic at Parkside	69	17.4%	10.2%	28.0%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	54	16.7%	9.0%	28.7%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	38	15.8%	7.4%	30.4%	Below	Total Population
Sanford 41st and Sertoma Family Medicine	32	15.6%	6.9%	31.8%	Below	Total Population
NorthPoint Health & Wellness Center	129	15.5%	10.3%	22.7%	Below	Total Population
HealthEast Rice Street Clinic	112	15.2%	9.7%	23.0%	Below	Total Population
Mayo Clinic - Speciality Practice	34	14.7%	6.5%	30.1%	Below	Total Population
West Side Community Health Services - La Clinica	34	14.7%	6.5%	30.1%	Below	Total Population
HealthEast Grand Avenue Clinic	74	13.5%	7.5%	23.1%	Below	Total Population
Sanford Health Watertown Clinic	30	13.3%	5.3%	29.7%	Below	Total Population
Hennepin County Medical Ctr. Clinics - Downtown Medicine Clinic	280	13.2%	9.7%	17.7%	Below	Total Population
HealthEast Cottage Grove Clinic	40	12.5%	5.5%	26.1%	Below	Total Population
HealthEast Maplewood Clinic	102	11.8%	6.9%	19.5%	Below	Total Population
Buffalo Clinic-Monticello: IHN	43	11.6%	5.1%	24.5%	Below	Total Population
Hennepin County Medical Center Clinics - Positive Care Clinic	44	9.1%	3.6%	21.2%	Below	Total Population
HealthEast Woodbury Clinic	37	8.1%	2.8%	21.3%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	37	8.1%	2.8%	21.3%	Below	Total Population
HealthEast Midway Clinic	38	7.9%	2.7%	20.8%	Below	Total Population
Winona Health - Winona Clinic	59	3.4%	0.9%	11.5%	Below	Total Population
Family Medical Center	89	1.1%	0.2%	6.1%	Below	Total Population
North Clinic - Oakdale Office in Robbinsdale	49	0.0%	0.0%	7.3%	Below	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	37	0.0%	0.0%	9.4%	Below	Total Population
Raiter Clinic-IHN	66	0.0%	0.0%	5.5%	Below	Total Population
Community-University Health Care Center	93	0.0%	0.0%	4.0%	Below	Total Population

**Table 22.2: Optimal Asthma Control – Adults Ages 18-50 by Medical Group**  
 (Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	14,732	41.7%	40.9%	42.5%		
HealthPartners Central Minnesota Clinics	85	70.6%	60.2%	79.2%	Above	Total Population
#Children's Respiratory & Critical Care Specialists	37	67.6%	51.5%	80.4%	Above	Total Population
CentraCare Health	180	67.2%	60.1%	73.7%	Above	Total Population
Allina Health Clinics	1,662	66.1%	63.8%	68.3%	Above	Total Population
Olmsted Medical Center	232	60.3%	53.9%	66.4%	Above	Total Population
Allina Health Specialties	70	58.6%	46.9%	69.4%	Above	Total Population
FirstLight Health System	50	58.0%	44.2%	70.6%	Above	Total Population
Fairview Health Services	1,810	58.0%	55.7%	60.2%	Above	Total Population
Essentia Health - Central Region	120	55.8%	46.9%	64.4%	Above	Total Population
Essentia Health - West	91	52.8%	42.6%	62.7%	Above	Total Population
Essentia Health - East Region	463	51.2%	46.6%	55.7%	Above	Total Population
Essentia Health - St. Mary's	84	51.2%	40.7%	61.6%	Average	Total Population
Stillwater Medical Group	74	50.0%	38.9%	61.1%	Average	Total Population
Alexandria Clinic	48	50.0%	36.4%	63.6%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	214	49.5%	42.9%	56.2%	Above	Total Population
HealthPartners Clinics	1,173	49.5%	46.6%	52.3%	Above	Total Population
■Allergy & Asthma Specialists, PA	79	49.4%	38.6%	60.2%	Average	Total Population
Park Nicollet Health Services	954	48.7%	45.6%	51.9%	Above	Total Population
Affiliated Community Medical Centers	200	48.0%	41.2%	54.9%	Average	Total Population
CentraCare Family Health Center	46	47.8%	34.1%	61.9%	Average	Total Population
Mankato Clinic, Ltd.	144	45.8%	37.9%	54.0%	Average	Total Population
Apple Valley Medical Clinic	31	45.2%	29.2%	62.2%	Average	Total Population
Mayo Clinic Health System	530	44.3%	40.2%	48.6%	Average	Total Population
United Family Medicine	163	44.2%	36.8%	51.8%	Average	Total Population
■Minnesota Lung Center/Minnesota Sleep Institute	50	40.0%	27.6%	53.8%	Average	Total Population
Grand Itasca Clinic	113	38.1%	29.6%	47.3%	Average	Total Population
Fairview Mesaba Clinics	47	34.0%	22.2%	48.3%	Average	Total Population
University of Minnesota Physicians	451	33.9%	29.7%	38.4%	Below	Total Population
Northwest Family Physicians	66	33.3%	23.2%	45.3%	Average	Total Population
North Memorial	179	32.4%	26.0%	39.6%	Below	Total Population
Sanford Health - Fargo Region	431	32.3%	28.0%	36.8%	Below	Total Population
Sanford Health - Sioux Falls Region	659	28.2%	24.9%	31.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics	1,004	27.5%	24.8%	30.3%	Below	Total Population
St. Luke's Clinics	139	24.5%	18.1%	32.2%	Below	Total Population
Mayo Clinic	108	24.1%	17.0%	32.9%	Below	Total Population
Duluth Family Medicine Clinic (Duluth Family Practice Center)	42	21.4%	11.7%	35.9%	Below	Total Population
Multicare Associates	38	21.1%	11.1%	36.4%	Below	Total Population
Southside Community Health Services	40	20.0%	10.5%	34.8%	Below	Total Population
Open Cities Health Center	51	19.6%	11.0%	32.5%	Below	Total Population
Lake Region Healthcare	51	19.6%	11.0%	32.5%	Below	Total Population
West Side Community Health Services	100	19.0%	12.5%	27.8%	Below	Total Population
HealthEast Clinics	754	17.0%	14.5%	19.8%	Below	Total Population
NorthPoint Health & Wellness Center	129	15.5%	10.3%	22.7%	Below	Total Population
Integrity Health Network	221	14.5%	10.5%	19.7%	Below	Total Population
Neighborhood Healthsource	70	14.3%	8.0%	24.3%	Below	Total Population
Cedar Riverside People's Center	37	8.1%	2.8%	21.3%	Below	Total Population
Winona Health Services	61	3.3%	0.9%	11.2%	Below	Total Population
Cuyuna Regional Medical Center	31	3.2%	0.6%	16.2%	Below	Total Population
Avera Medical Group	46	2.2%	0.4%	11.3%	Below	Total Population
Unity Family Healthcare, Family Medical Center	95	1.1%	0.2%	5.7%	Below	Total Population
North Clinic	116	0.0%	0.0%	3.2%	Below	Total Population
Altru Health System	61	0.0%	0.0%	5.9%	Below	Total Population
Ridgeview Clinics	45	0.0%	0.0%	7.9%	Below	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	38	0.0%	0.0%	9.2%	Below	Total Population
Riverwood Healthcare Center	43	0.0%	0.0%	8.2%	Below	Total Population
Tri-County Health Care	45	0.0%	0.0%	7.9%	Below	Total Population
Gateway Family Health Clinic	31	0.0%	0.0%	11.0%	Below	Total Population
Community University Health Care Center	93	0.0%	0.0%	4.0%	Below	Total Population

**Table 23: Controlling High Blood Pressure by Medical Group**

(Medical Groups with 60+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	11,320	70.0%	69.1%	70.8%		
Entira Family Clinics (formerly Family Health Services MN)	119	92.0%	85.7%	95.7%	Above	Sample
Essentia Health - West	124	85.0%	77.6%	90.2%	Above	Sample
CentraCare Health	146	83.6%	76.8%	88.8%	Above	Sample
HealthEast Clinics	166	83.5%	77.1%	88.4%	Above	Sample
Mayo Clinic Health System-Owatonna	164	83.1%	76.7%	88.1%	Above	Sample
Unity Family Healthcare - Avon	72	82.9%	72.6%	89.9%	Above	Sample
Essentia Health - St. Mary's	68	82.3%	71.6%	89.6%	Above	Sample
United Family Medicine	70	80.9%	70.2%	88.4%	Above	Sample
Mayo Clinic Health System - Red Wing	117	80.8%	72.7%	86.9%	Above	Sample
Allina Health Specialties	1,068	79.0%	76.4%	81.3%	Above	Sample
Essentia Health - East Region	244	78.9%	73.3%	83.5%	Above	Sample
Essentia Health - Central Region	129	78.3%	70.4%	84.5%	Above	Sample
Affiliated Community Medical Centers	185	77.7%	71.2%	83.1%	Above	Sample
Mayo Clinic Health System - Albert Lea and Austin	153	77.7%	70.5%	83.6%	Above	Sample
Mayo Clinic Health System - Mankato	82	76.9%	66.7%	84.7%	Average	Sample
Fairview Medical Group	553	76.2%	72.5%	79.6%	Above	Sample
HealthPartners Clinics	655	75.1%	71.6%	78.2%	Above	Sample
Park Nicollet Health Services	425	74.3%	70.0%	78.2%	Above	Sample
Mankato Clinic, Ltd.	74	72.7%	61.7%	81.6%	Average	Sample
Raiter Clinic, LTD - IHN	75	72.7%	61.7%	81.5%	Average	Sample
Sanford Health - Fargo Region	509	72.6%	68.6%	76.3%	Average	Sample
Buffalo Clinic, PA - IHN	75	72.5%	61.5%	81.3%	Average	Sample
North Memorial	185	71.5%	64.6%	77.5%	Average	Sample
Lakewood Health System	69	69.7%	58.1%	79.3%	Average	Sample
Hutchinson Health	96	68.3%	58.4%	76.7%	Average	Sample
Stillwater Medical Group	87	68.2%	57.9%	77.1%	Average	Sample
Essentia Health - Fosston	88	67.5%	57.2%	76.4%	Average	Sample
Alexandria Clinic	108	66.8%	57.4%	74.9%	Average	Sample
Grand Itasca Clinic	141	66.0%	57.8%	73.3%	Average	Sample
St. Luke's Clinics	94	65.9%	55.9%	74.7%	Average	Sample
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	81	65.4%	54.6%	74.9%	Average	Sample
Tri-County Health Care	70	64.8%	53.1%	75.0%	Average	Sample
FirstLight Health System	100	63.8%	54.0%	72.5%	Average	Sample

**Table 23: Controlling High Blood Pressure by Medical Group - *continued***

(Medical Groups with 60+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>11,465</b>	<b>70.0%</b>	<b>69.1%</b>	<b>70.8%</b>		
Cuyuna Regional Medical Center	77	63.6%	52.4%	73.4%	Average	Sample
University of Minnesota Physicians	198	63.4%	56.5%	69.8%	Below	Sample
Sanford Health - Sioux Falls Region	72	63.4%	51.9%	73.6%	Average	Sample
Neighborhood Healthsource	82	63.0%	52.2%	72.7%	Average	Sample
NorthPoint Health & Wellness Center	93	62.3%	52.2%	71.5%	Average	Sample
Northwest Family Physicians	88	61.7%	51.3%	71.2%	Average	Sample
Mayo Clinic	94	61.7%	51.6%	70.9%	Average	Sample
Duluth Family Medicine Clinic (Duluth Family Practice Center)	80	61.1%	50.2%	71.1%	Average	Sample
Hennepin County Medical Center (HCMC) Clinics	885	61.0%	57.7%	64.1%	Below	Sample
West Side Community Health Services	75	60.3%	49.0%	70.6%	Average	Sample
North Clinic	74	59.3%	47.9%	69.8%	Below	Sample
Altru Health System	84	59.3%	48.6%	69.2%	Below	Sample
Lake Region Healthcare	69	59.1%	47.3%	69.9%	Average	Sample
Fairview Mesaba Clinics	121	59.0%	50.1%	67.3%	Below	Sample
Olmsted Medical Center	80	58.8%	47.8%	68.9%	Below	Sample
Ridgeview Clinics	84	56.6%	45.9%	66.6%	Below	Sample
Avera Med. Group- McGreevy, United Medical Ctr., Worthington	79	56.4%	45.4%	66.8%	Below	Sample
Community University Health Care Center	81	56.2%	45.4%	66.5%	Below	Sample
Lakeview Clinic	87	56.2%	45.7%	66.2%	Below	Sample
Apple Valley Medical Clinic	95	54.9%	44.9%	64.5%	Below	Sample
Multicare Associates	89	54.6%	44.3%	64.5%	Below	Sample
Mayo Clinic Health System - Fairmont	94	54.2%	44.2%	63.9%	Below	Sample
CentraCare Family Health Center	97	51.6%	41.8%	61.3%	Below	Sample
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	112	50.9%	41.8%	60.0%	Below	Sample
Gateway Family Health Clinic	96	49.5%	39.7%	59.3%	Below	Sample
Winona Health Services	98	48.7%	39.1%	58.5%	Below	Sample
Cedar Riverside People's Center	82	47.6%	37.1%	58.3%	Below	Sample
Southside Community Health Services	92	44.3%	34.6%	54.5%	Below	Sample
Riverwood Healthcare Center	113	38.8%	30.3%	48.0%	Below	Sample
Open Cities Health Center	89	38.1%	28.7%	48.5%	Below	Sample
Life Medical	100	36.6%	27.8%	46.3%	Below	Sample
St. Paul Family Medical Center	104	32.9%	24.6%	42.4%	Below	Sample
Advanced Medical Clinic	100	28.7%	20.8%	38.2%	Below	Sample

**Table 24: Appropriate Testing for Children with Pharyngitis by Medical Group**  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>12,396</b>	<b>88.2%</b>	<b>87.6%</b>	<b>88.7%</b>		
FamilyHealth Medical Clinics	30	100.0%	88.7%	100.0%	Above	Total Population
# Southdale Pediatric Associates, Ltd	35	100.0%	90.1%	100.0%	Above	Total Population
# South Lake Pediatrics	47	100.0%	92.4%	100.0%	Above	Total Population
# Pediatric Services - Children's Physician Network	32	100.0%	89.3%	100.0%	Above	Total Population
# Pediatric and Adolescent Services	639	99.7%	98.9%	99.9%	Above	Total Population
* Target Clinic	301	99.0%	97.1%	99.7%	Above	Total Population
* MinuteClinic	419	98.8%	97.2%	99.5%	Above	Total Population
* Express Healthcare	76	98.7%	92.9%	99.8%	Above	Total Population
# Children's Health Care	1,119	98.6%	97.7%	99.1%	Above	Total Population
Family Practice Medical Center of Willmar	49	98.0%	89.3%	99.6%	Above	Total Population
* Priority Pediatrics Urgent Care	47	97.9%	88.9%	99.6%	Above	Total Population
HealthPartners Clinics	927	97.7%	96.6%	98.5%	Above	Total Population
# Pediatric & Young Adult Medicine	85	97.7%	91.8%	99.4%	Above	Total Population
# Central Pediatrics	35	97.1%	85.5%	99.5%	Average	Total Population
# Fridley Children's & Teenagers' Medical Center	102	97.1%	91.7%	99.0%	Above	Total Population
# All About Children Pediatrics - Children's Health Network	33	97.0%	84.7%	99.5%	Average	Total Population
Mankato Clinic, Ltd.	289	96.9%	94.2%	98.4%	Above	Total Population
# Wayzata Children's Clinic	32	96.9%	84.3%	99.5%	Average	Total Population
# Children's Clinic Network	170	96.5%	92.5%	98.4%	Above	Total Population
Grand Itasca Clinic	78	96.2%	89.3%	98.7%	Above	Total Population
FirstLight Health System	62	95.2%	86.7%	98.3%	Average	Total Population
* Seven Day Clinic	40	95.0%	83.5%	98.6%	Average	Total Population
Ridgeview Clinics	59	94.9%	86.1%	98.3%	Average	Total Population
Stillwater Medical Group	38	94.7%	82.7%	98.5%	Average	Total Population
* Suburban Emergency Associates	73	94.5%	86.7%	97.9%	Average	Total Population
Fairview Medical Group	494	94.1%	91.7%	95.9%	Above	Total Population
Park Nicollet Health Services	509	94.1%	91.7%	95.8%	Above	Total Population
Multicare Associates	59	93.2%	83.8%	97.3%	Average	Total Population
Buffalo Clinic, PA - IHN	57	93.0%	83.3%	97.2%	Average	Total Population
* Emergency Physicians, P.A.	197	92.9%	88.4%	95.7%	Above	Total Population
Winona Health Services	77	92.2%	84.0%	96.4%	Average	Total Population
University of Minnesota Physicians	48	91.7%	80.5%	96.7%	Average	Total Population
Entira Family Clinics	82	91.5%	83.4%	95.8%	Average	Total Population
Lakeview Clinic	46	91.3%	79.7%	96.6%	Average	Total Population
Allina Health Specialties	489	91.0%	88.1%	93.2%	Average	Total Population
Glenwood Medical Center	33	90.9%	76.4%	96.9%	Average	Total Population
Olmsted Medical Center	199	90.5%	85.6%	93.8%	Average	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	52	90.4%	79.4%	95.8%	Average	Total Population

**Table 24: Appropriate Testing for Children with Pharyngitis by Medical Group - *continued***  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	12,396	88.2%	87.6%	88.7%		
Mayo Clinic Health System - Albert Lea and Austin	263	90.1%	85.9%	93.2%	Average	Total Population
HealthEast Clinics	69	89.9%	80.5%	95.0%	Average	Total Population
Apple Valley Medical Clinic	77	89.6%	80.8%	94.6%	Average	Total Population
Mayo Clinic Health System - Red Wing	71	88.7%	79.3%	94.2%	Average	Total Population
St. Luke's Clinics	213	88.3%	83.3%	91.9%	Average	Total Population
Riverwood Healthcare Center	70	87.1%	77.3%	93.1%	Average	Total Population
Mayo Clinic	108	87.0%	79.4%	92.1%	Average	Total Population
River's Edge Hospital & Clinic	30	86.7%	70.3%	94.7%	Average	Total Population
Essentia Health - West	89	86.5%	77.9%	92.1%	Average	Total Population
Hutchinson Health	42	85.7%	72.2%	93.3%	Average	Total Population
Lakewood Health System	61	85.3%	74.3%	92.0%	Average	Total Population
CentraCare Health	180	85.0%	79.1%	89.5%	Average	Total Population
Alexandria Clinic	66	84.9%	74.3%	91.6%	Average	Total Population
Essentia Health - St. Mary's	61	83.6%	72.4%	90.8%	Average	Total Population
Mayo Clinic Health System-Owatonna	141	83.0%	75.9%	88.3%	Average	Total Population
Affiliated Community Medical Centers	263	81.0%	75.8%	85.3%	Below	Total Population
Unity Family Healthcare - Avon	113	80.5%	72.3%	86.8%	Below	Total Population
North Memorial	118	80.5%	72.5%	86.7%	Below	Total Population
Mayo Clinic Health System - New Prague	30	80.0%	62.7%	90.5%	Average	Total Population
Essentia Health - East Region	129	79.8%	72.1%	85.9%	Below	Total Population
Mayo Clinic Health System - Mankato	73	79.5%	68.8%	87.1%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics	165	77.0%	70.0%	82.7%	Below	Total Population
Sanford Health - Sioux Falls Region	79	76.0%	65.5%	84.0%	Below	Total Population
Essentia Health - Central Region	188	75.5%	68.9%	81.1%	Below	Total Population
CentraCare Family Health Center	32	75.0%	57.9%	86.8%	Below	Total Population
Sanford Health - Fargo Region	539	73.8%	70.0%	77.4%	Below	Total Population
Mille Lacs Health System	33	72.7%	55.8%	84.9%	Below	Total Population
Mayo Clinic Health System - Waseca	39	69.2%	53.6%	81.4%	Below	Total Population
Tri-County Health Care	77	68.8%	57.8%	78.1%	Below	Total Population
Cuyuna Regional Medical Center	43	67.4%	52.5%	79.5%	Below	Total Population
United Hospital District Clinic	31	58.1%	40.8%	73.6%	Below	Total Population
Fairview Mesaba Clinics	45	57.8%	43.3%	71.0%	Below	Total Population
Avera Medical Group - Pipestone	76	56.6%	45.4%	67.1%	Below	Total Population
Avera Medical Group- McGreevy, United Med. Ctr., Worthington	44	52.3%	37.9%	66.3%	Below	Total Population
RiverView Health	42	47.6%	33.4%	62.3%	Below	Total Population
Mayo Clinic Health System - Fairmont	74	33.8%	24.1%	45.1%	Below	Total Population
Altru Health System	75	29.3%	20.2%	40.4%	Below	Total Population
Thao Xoua MD	48	0.0%	0.0%	7.4%	Below	Total Population

**Table 25: Appropriate Treatment for Children with URI by Medical Group**

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>17,591</b>	<b>92.0%</b>	<b>91.6%</b>	<b>92.4%</b>		
United Family Medicine	76	100.0%	95.2%	100.0%	Above	Total Population
Cedar Riverside People's Center	37	100.0%	90.6%	100.0%	Average	Total Population
Gateway Family Health Clinic	67	100.0%	94.6%	100.0%	Above	Total Population
# South Lake Pediatrics	53	100.0%	93.2%	100.0%	Above	Total Population
# Wayzata Children's Clinic	33	100.0%	89.6%	100.0%	Average	Total Population
# Pediatric and Adolescent Services	63	100.0%	94.3%	100.0%	Above	Total Population
# Pediatric Services - Children's Physician Network	35	100.0%	90.1%	100.0%	Average	Total Population
Community University Health Care Center	36	100.0%	90.4%	100.0%	Average	Total Population
* Priority Pediatrics Urgent Care	38	100.0%	90.8%	100.0%	Average	Total Population
* Express Healthcare	38	100.0%	90.8%	100.0%	Average	Total Population
Avera Medical Group- Marshall	30	100.0%	88.7%	100.0%	Average	Total Population
# Fridley Children's & Teenagers' Medical Center	93	98.9%	94.2%	99.8%	Above	Total Population
Hennepin County Medical Center (HCMC) Clinics	532	98.9%	97.6%	99.5%	Above	Total Population
Neighborhood Healthsource	62	98.4%	91.4%	99.7%	Average	Total Population
University of Minnesota Physicians	246	98.0%	95.3%	99.1%	Above	Total Population
* MinuteClinic	94	97.9%	92.6%	99.4%	Above	Total Population
NorthPoint Health & Wellness Center	89	97.8%	92.2%	99.4%	Above	Total Population
Buffalo Clinic, PA - IHN	132	97.7%	93.5%	99.2%	Above	Total Population
# Children's Clinic Network	260	97.7%	95.1%	98.9%	Above	Total Population
# All About Children Pediatrics - Children's Health Network	42	97.6%	87.7%	99.6%	Average	Total Population
HealthEast Clinics	201	97.5%	94.3%	98.9%	Above	Total Population
Hutchinson Health	79	97.5%	91.2%	99.3%	Average	Total Population
Stillwater Medical Group	77	97.4%	91.0%	99.3%	Average	Total Population
Allina Health Specialties	1,181	97.3%	96.2%	98.1%	Above	Total Population
West Side Community Health Services	146	97.3%	93.2%	98.9%	Above	Total Population
HealthPartners Clinics	943	97.2%	96.0%	98.1%	Above	Total Population
Mayo Clinic	300	97.0%	94.4%	98.4%	Above	Total Population
FirstLight Health System	64	96.9%	89.3%	99.1%	Average	Total Population
* Emergency Physicians, P.A.	255	96.5%	93.4%	98.1%	Above	Total Population
# Southdale Pediatric Associates, Ltd	83	96.4%	89.9%	98.8%	Average	Total Population
# Children's Health Care	861	96.3%	94.8%	97.4%	Above	Total Population
Park Nicollet Health Services	925	96.2%	94.8%	97.3%	Above	Total Population
* Suburban Emergency Associates	73	95.9%	88.6%	98.6%	Average	Total Population
# Central Pediatrics	46	95.7%	85.5%	98.8%	Average	Total Population
North Memorial	276	94.6%	91.2%	96.7%	Average	Total Population
Essentia Health - East Region	365	94.5%	91.7%	96.4%	Average	Total Population
Winona Health Services	176	94.3%	89.9%	96.9%	Average	Total Population
North Clinic	35	94.3%	81.4%	98.4%	Average	Total Population
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	34	94.1%	80.9%	98.4%	Average	Total Population
CentraCare Health	483	94.0%	91.5%	95.8%	Average	Total Population
Fairview Mesaba Clinics	66	93.9%	85.4%	97.6%	Average	Total Population
Fairview Medical Group	1,040	93.8%	92.1%	95.1%	Above	Total Population
# Pediatric & Young Adult Medicine	60	93.3%	84.1%	97.4%	Average	Total Population
Mayo Clinic Health System - Mankato	131	93.1%	87.5%	96.3%	Average	Total Population
Family Practice Medical Center of Willmar	86	93.0%	85.6%	96.8%	Average	Total Population
Affiliated Community Medical Centers	425	92.9%	90.1%	95.0%	Average	Total Population
FamilyHealth Medical Clinics	41	92.7%	80.6%	97.5%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	145	92.4%	86.9%	95.7%	Average	Total Population
Ridgeview Clinics	52	92.3%	81.8%	97.0%	Average	Total Population

**Table 25: Appropriate Treatment for Children with URI by Medical Group - *continued***  
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#= <i>P</i> ediatric, *= <i>U</i> rgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	17,591	92.0%	91.6%	92.4%		
CentraCare Family Health Center	61	91.8%	82.2%	96.5%	Average	Total Population
Essentia Health - Central Region	232	91.0%	86.6%	94.0%	Average	Total Population
Stevens Community Medical Center	32	90.6%	75.8%	96.8%	Average	Total Population
Mayo Clinic Health System - Albert Lea and Austin	308	90.6%	86.8%	93.4%	Average	Total Population
Glencoe Regional Health Services	52	90.4%	79.4%	95.8%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	41	90.2%	77.5%	96.1%	Average	Total Population
Riverwood Healthcare Center	51	90.2%	79.0%	95.7%	Average	Total Population
Sanford Health - Fargo Region	923	89.9%	87.8%	91.7%	Below	Total Population
Mille Lacs Health System	49	89.8%	78.2%	95.6%	Average	Total Population
Multicare Associates	96	89.6%	81.9%	94.2%	Average	Total Population
Mankato Clinic, Ltd.	256	89.5%	85.1%	92.7%	Average	Total Population
Mayo Clinic Health System-Owatonna	277	89.2%	85.0%	92.3%	Average	Total Population
St. Luke's Clinics	193	89.1%	83.9%	92.8%	Average	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	81	88.9%	80.2%	94.0%	Average	Total Population
* Target Clinic	116	88.8%	81.8%	93.3%	Average	Total Population
Olmsted Medical Center	372	88.7%	85.1%	91.5%	Below	Total Population
RiverView Health	71	87.3%	77.6%	93.2%	Average	Total Population
Grand Itasca Clinic	114	86.8%	79.4%	91.9%	Below	Total Population
Lakeview Clinic	60	86.7%	75.8%	93.1%	Average	Total Population
Essentia Health - St. Mary's	102	86.3%	78.3%	91.6%	Below	Total Population
Essentia Health - West	174	86.2%	80.3%	90.6%	Below	Total Population
Alexandria Clinic	68	85.3%	75.0%	91.8%	Below	Total Population
Lakewood Health System	153	85.0%	78.5%	89.8%	Below	Total Population
Unity Family Healthcare - Avon	86	84.9%	75.8%	91.0%	Below	Total Population
Mayo Clinic Health System - New Prague	33	84.9%	69.1%	93.4%	Average	Total Population
Sanford Health - Sioux Falls Region	264	83.7%	78.8%	87.7%	Below	Total Population
Tri-County Health Care	94	81.9%	72.9%	88.4%	Below	Total Population
Mayo Clinic Health System - Fairmont	82	81.7%	72.0%	88.6%	Below	Total Population
Mayo Clinic Health System - Red Wing	86	81.4%	71.9%	88.2%	Below	Total Population
Northwest Family Physicians	40	80.0%	65.2%	89.5%	Below	Total Population
Mayo Clinic Health System - St. James	43	79.1%	64.8%	88.6%	Below	Total Population
Cuyuna Regional Medical Center	76	77.6%	67.1%	85.5%	Below	Total Population
Mayo Clinic Health System - Waseca	76	76.3%	65.6%	84.5%	Below	Total Population
Altru Health System	129	76.0%	67.9%	82.5%	Below	Total Population
Mayo Clinic Health System - Lake City	41	75.6%	60.7%	86.2%	Below	Total Population
Avera Medical Group- McGreevy, United Med. Ctr., Worthington	185	74.1%	67.3%	79.8%	Below	Total Population
Avera Medical Group - Pipestone	43	72.1%	57.3%	83.3%	Below	Total Population
Apple Valley Medical Clinic	138	71.7%	63.7%	78.6%	Below	Total Population
United Hospital District Clinic	56	66.1%	53.0%	77.1%	Below	Total Population
Essentia Health - Fosston	34	58.8%	42.2%	73.6%	Below	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic**  
(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>93,834</b>	<b>53.9%</b>	<b>53.6%</b>	<b>54.2%</b>		
^ Southdale Obstetric and Gynecology Consultants- Edina	40	95.0%	83.5%	98.6%	Above	Total Population
^ Obstetrics, Gynecology and Infertility - Edina	37	91.9%	78.7%	97.2%	Above	Total Population
Sanford Women's Internal Medicine	105	81.0%	72.4%	87.3%	Above	Total Population
Allina Health - Chanhassen (Quello)	168	79.8%	73.1%	85.1%	Above	Total Population
CentraCare Health Plaza-Internal Medicine	122	78.7%	70.6%	85.0%	Above	Total Population
Fairview Crosstown Clinic	246	76.4%	70.7%	81.3%	Above	Total Population
Lakewood Health System - Staples Clinic	50	76.0%	62.6%	85.7%	Above	Total Population
Allina Health - Sharpe Dillon Cockson & Associates PA	50	76.0%	62.6%	85.7%	Above	Total Population
^ Partners Obstetrics & Gynecology, PA	50	76.0%	62.6%	85.7%	Above	Total Population
Mayo Clinic Health System Waterville	37	75.7%	59.9%	86.6%	Above	Total Population
Allina Health - Buffalo	262	75.6%	70.0%	80.4%	Above	Total Population
Edina Sports Health & Wellness	53	75.5%	62.4%	85.1%	Above	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	81	75.3%	64.9%	83.4%	Above	Total Population
North Memorial Clinic - Rockford Road	104	75.0%	65.9%	82.3%	Above	Total Population
Sanford Internal Medicine Clinic	220	75.0%	68.9%	80.3%	Above	Total Population
Sanford Canton-Inwood Clinic	31	74.2%	56.8%	86.3%	Above	Total Population
Sanford Health Brookings Clinic	106	73.6%	64.5%	81.1%	Above	Total Population
^ Sanford Women's OB/GYN Clinic	53	73.6%	60.4%	83.6%	Above	Total Population
Mayo Clinic Health System Montgomery	45	73.3%	59.0%	84.0%	Above	Total Population
HealthPartners - Ctr for Internatl Hlth	443	73.1%	68.8%	77.1%	Above	Total Population
Allina Health - Uptown	175	73.1%	66.1%	79.2%	Above	Total Population
Sanford Health Pierre Clinic	294	73.1%	67.8%	77.9%	Above	Total Population
Allina Health - Savage (Quello)	91	72.5%	62.6%	80.6%	Above	Total Population
Mayo Clinic Health System Belle Plaine	40	72.5%	57.2%	83.9%	Above	Total Population
Fairview Rogers Clinic	69	72.5%	61.0%	81.6%	Above	Total Population
Sanford 49th and Oxbow Family Medicine	151	72.2%	64.6%	78.7%	Above	Total Population
Mayo Clinic Health System New Prague	61	72.1%	59.8%	81.8%	Above	Total Population
Allina Health - Blaine	111	72.1%	63.1%	79.6%	Above	Total Population
Fairview Maple Grove Medical Center	113	71.7%	62.8%	79.2%	Above	Total Population
HealthPartners - Inver Grove Heights	120	71.7%	63.0%	79.0%	Above	Total Population
Fairview Eagan Clinic	218	71.6%	65.2%	77.1%	Above	Total Population
^ Diamond Women's Center	35	71.4%	55.0%	83.7%	Above	Total Population
Fairview Apple Valley Clinic	297	71.0%	65.6%	75.9%	Above	Total Population
Allina Hlth Spty. - Abbott Northwestern General Med. Assoc.- Edina	110	70.9%	61.8%	78.6%	Above	Total Population
Allina Health - Centennial Lakes (Quello)	168	70.8%	63.6%	77.2%	Above	Total Population
HealthPartners - Arden Hills	153	70.6%	62.9%	77.2%	Above	Total Population
Mayo Clinic Health System Fairmont	323	70.6%	65.4%	75.3%	Above	Total Population
Osakis Medical Clinic, A Service of Douglas County Hospital	34	70.6%	53.8%	83.2%	Average	Total Population
CentraCare Health- Sauk Centre	105	70.5%	61.2%	78.4%	Above	Total Population
Fairview Elk River Clinic	189	70.4%	63.5%	76.4%	Above	Total Population
CentraCare Health- Long Prairie	108	70.4%	61.2%	78.2%	Above	Total Population
HealthPartners - Bloomington	314	70.1%	64.8%	74.9%	Above	Total Population
Allina Health - Annandale	96	69.8%	60.0%	78.1%	Above	Total Population
HealthPartners - West	167	69.5%	62.1%	75.9%	Above	Total Population
Fairview Oxboro Clinic	419	69.5%	64.9%	73.7%	Above	Total Population
Burnsville Family Physicians	88	69.3%	59.0%	78.0%	Above	Total Population
Sanford Health Detroit Lakes Clinic	309	69.3%	63.9%	74.1%	Above	Total Population
Gundersen Health System - La Crescent Clinic	52	69.2%	55.7%	80.1%	Above	Total Population
Allina Health - Richfield	341	69.2%	64.1%	73.9%	Above	Total Population
Fairview Princeton Clinic	398	69.1%	64.4%	73.4%	Above	Total Population
Allina Health - Ramsey	200	69.0%	62.3%	75.0%	Above	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
^CentraCare Health Plaza-Obstetrics and Women's Clinic	58	69.0%	56.2%	79.4%	Above	Total Population
Fairview Savage Clinic	77	68.8%	57.8%	78.1%	Above	Total Population
Allina Health - Inver Grove Heights (Aspen)	154	68.8%	61.1%	75.6%	Above	Total Population
HealthPartners - University Ave	343	68.8%	63.7%	73.5%	Above	Total Population
Fairview Fridley Clinic	375	68.8%	63.9%	73.3%	Above	Total Population
Allina Health - Shoreview	234	68.8%	62.6%	74.4%	Above	Total Population
Sanford Bemidji Black Duck Clinic	67	68.7%	56.8%	78.5%	Above	Total Population
Fairview Burnsville Clinic	389	68.6%	63.9%	73.1%	Above	Total Population
Allina Health - Hopkins (Aspen)	86	68.6%	58.2%	77.4%	Above	Total Population
Allina Health - St. Michael	73	68.5%	57.1%	78.0%	Above	Total Population
Mayo Clinic Health System Mankato Eastridge	241	68.5%	62.4%	74.0%	Above	Total Population
EH- Walker	76	68.4%	57.3%	77.8%	Above	Total Population
Fairview Hiawatha Clinic	275	68.4%	62.7%	73.6%	Above	Total Population
Scenic Rivers Health Services - Northome	41	68.3%	53.0%	80.4%	Average	Total Population
Mayo Clinic Health System Owatonna	510	68.2%	64.1%	72.1%	Above	Total Population
Mayo Clinic Health System Faribault Hwy 60	132	68.2%	59.8%	75.5%	Above	Total Population
Allina Health - Coon Rapids	1,177	68.1%	65.4%	70.7%	Above	Total Population
HealthPartners - Maplewood	326	68.1%	62.9%	72.9%	Above	Total Population
Sanford 69th and Minnesota Family Medicine	197	68.0%	61.2%	74.1%	Above	Total Population
CentraCare River Campus-Internal Medicine	153	68.0%	60.2%	74.9%	Above	Total Population
Allina Health - Plymouth	277	67.9%	62.2%	73.1%	Above	Total Population
Sanford 26th and Sycamore Family Medicine	171	67.8%	60.5%	74.4%	Above	Total Population
Allina Health - Isles	174	67.8%	60.6%	74.3%	Above	Total Population
Sanford Bemidji Cass Lake Clinic	71	67.6%	56.1%	77.3%	Above	Total Population
Allina Health - Forest Lake	219	67.6%	61.1%	73.4%	Above	Total Population
St. Cloud Medical Group - Cold Spring -IHN	40	67.5%	52.0%	79.9%	Average	Total Population
Sanford Aberdeen Clinic	403	67.5%	62.8%	71.9%	Above	Total Population
Allina Health - Highland Park (Aspen)	83	67.5%	56.8%	76.6%	Above	Total Population
Fairview Brooklyn Park Clinic	473	67.4%	63.1%	71.5%	Above	Total Population
Essentia Health - Duluth Clinic 1st St	481	67.2%	62.8%	71.2%	Above	Total Population
CentraCare Clinic - Northway	219	67.1%	60.7%	73.0%	Above	Total Population
Fairview Bloomington Lake Xerxes	148	66.9%	59.0%	74.0%	Above	Total Population
Fairview Prior Lake Clinic	108	66.7%	57.3%	74.9%	Above	Total Population
Allina Health - Nininger Road	90	66.7%	56.4%	75.6%	Above	Total Population
OBGYN West - Ridgedale	30	66.7%	48.8%	80.8%	Average	Total Population
AALFA Family Clinic-MHN	39	66.7%	51.0%	79.4%	Average	Total Population
Mayo Clinic Health System St. Peter	152	66.5%	58.6%	73.5%	Above	Total Population
Mayo Clinic Health System Mankato Northridge	122	66.4%	57.6%	74.2%	Above	Total Population
Mayo Clinic Health System Wabasha	92	66.3%	56.2%	75.1%	Above	Total Population
St. Cloud Medical Group - Clearwater - IHN	92	66.3%	56.2%	75.1%	Above	Total Population
Sanford Bemidji Main Clinic Internal Medicine	86	66.3%	55.8%	75.4%	Above	Total Population
Allina Health - Nicollet Mall	216	66.2%	59.7%	72.2%	Above	Total Population
HealthPartners - White Bear Lake	161	65.8%	58.2%	72.7%	Above	Total Population
Fairview New Brighton Clinic	231	65.8%	59.5%	71.6%	Above	Total Population
Fairview Farmington Clinic	38	65.8%	49.9%	78.8%	Average	Total Population
Range Regional Hlth Svcs. dba Fairview Mesaba Clinic-Mountain Iron	99	65.7%	55.9%	74.3%	Above	Total Population
Allina Health - Farmington	107	65.4%	56.0%	73.8%	Above	Total Population
University of Minnesota Health - Primary Care Center	422	65.4%	60.7%	69.8%	Above	Total Population
Sanford Perham Clinic	167	65.3%	57.8%	72.1%	Above	Total Population
CentraCare Clinic - Becker	46	65.2%	50.8%	77.3%	Average	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>93,834</b>	<b>53.9%</b>	<b>53.6%</b>	<b>54.2%</b>		
Mayo Clinic Health System Cannon Falls	92	65.2%	55.1%	74.2%	Above	Total Population
Allina Health - Shakopee	184	65.2%	58.1%	71.7%	Above	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	402	65.2%	60.4%	69.7%	Above	Total Population
Stillwater Medical Group - Curve Crest Clinic	519	65.1%	60.9%	69.1%	Above	Total Population
Fairview Lakeville Clinic	63	65.1%	52.8%	75.7%	Average	Total Population
Allina Health - Cambridge	751	65.0%	61.5%	68.3%	Above	Total Population
HealthPartners - Hlth Ctr for Women	137	65.0%	56.7%	72.5%	Above	Total Population
Fairview Chisago Lakes Clinic	185	64.9%	57.8%	71.4%	Above	Total Population
Affiliated Community Medical Centers - Benson Clinic	111	64.9%	55.6%	73.1%	Above	Total Population
Affiliated Community Medical Centers- Marshall Clinic	298	64.8%	59.2%	70.0%	Above	Total Population
Mayo Clinic Health System New Richland	34	64.7%	47.9%	78.5%	Average	Total Population
Allina Health - Bandana Square (Aspen)	422	64.7%	60.0%	69.1%	Above	Total Population
HealthPartners - Coon Rapids	373	64.6%	59.6%	69.3%	Above	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	500	64.6%	60.3%	68.7%	Above	Total Population
Sanford Health Hawley Clinic	31	64.5%	47.0%	78.9%	Average	Total Population
Essentia Health St. Joseph's - Crosslake Clinic	90	64.4%	54.2%	73.6%	Above	Total Population
HealthPartners - Como	382	64.4%	59.5%	69.0%	Above	Total Population
Mayo Clinic Health System Albert Lea	536	64.4%	60.2%	68.3%	Above	Total Population
Allina Health - West St. Paul	303	64.4%	58.8%	69.5%	Above	Total Population
Allina Health - Bloomington (Aspen)	227	64.3%	57.9%	70.3%	Above	Total Population
CentraCare Clinic- Big Lake	53	64.2%	50.7%	75.7%	Average	Total Population
Allina Health - Vadnais Heights	53	64.2%	50.7%	75.7%	Average	Total Population
Park Nicollet Clinic - Carlson	276	64.1%	58.3%	69.6%	Above	Total Population
HealthPartners - Woodbury	392	64.0%	59.2%	68.6%	Above	Total Population
Allina Health - East Lake Street (Aspen)	214	64.0%	57.4%	70.2%	Above	Total Population
Mankato Clinic - Wickersham Campus	94	63.8%	53.8%	72.8%	Average	Total Population
Fairview Uptown Clinic	163	63.8%	56.2%	70.8%	Above	Total Population
Allina Health - Edina	127	63.8%	55.1%	71.6%	Above	Total Population
Fairview Bass Lake Clinic	77	63.6%	52.5%	73.5%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	530	63.6%	59.4%	67.6%	Above	Total Population
Park Nicollet Clinic - Golden Valley	129	63.6%	55.0%	71.4%	Above	Total Population
Allina Health - Eagan	213	63.4%	56.7%	69.6%	Above	Total Population
Essentia Health - Deer River Clinic	232	63.4%	57.0%	69.3%	Above	Total Population
North Memorial Clinic - Plymouth City Center	60	63.3%	50.7%	74.4%	Average	Total Population
University of Minnesota Health - Smiley's Family Medicine Clinic	499	63.3%	59.0%	67.4%	Above	Total Population
Allina Health - Chaska	120	63.3%	54.4%	71.4%	Above	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	109	63.3%	54.0%	71.8%	Above	Total Population
Mayo Clinic Health System Le Sueur	68	63.2%	51.4%	73.7%	Average	Total Population
Sanford Bemidji Main Clinic Family Medicine	239	63.2%	56.9%	69.0%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	490	63.1%	58.7%	67.2%	Above	Total Population
Sanford 34th and Kiwanis Family Medicine	119	63.0%	54.1%	71.2%	Above	Total Population
Park Nicollet Clinic - Shorewood	100	63.0%	53.2%	71.8%	Average	Total Population
Allina Health - Burnsville (Quello)	124	62.9%	54.1%	70.9%	Above	Total Population
HealthPartners - Andover	167	62.9%	55.3%	69.8%	Above	Total Population
Fairview EdenCenter Clinic	239	62.8%	56.5%	68.6%	Above	Total Population
CentraCare Health- Melrose	59	62.7%	50.0%	73.9%	Average	Total Population
CentraCare Health- Monticello Medical Group	56	62.5%	49.4%	74.0%	Average	Total Population
Mayo Clinic Health System Austin	442	62.4%	57.8%	66.8%	Above	Total Population
Fairview Milaca Clinic	191	62.3%	55.3%	68.9%	Above	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	638	62.2%	58.4%	65.9%	Above	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>93,834</b>	<b>53.9%</b>	<b>53.6%</b>	<b>54.2%</b>		
Fairview Highland Park Clinic	148	62.2%	54.1%	69.6%	Above	Total Population
Park Nicollet Clinic - Prairie Center	140	62.1%	53.9%	69.8%	Above	Total Population
University of Minnesota Health - Mill City Clinic	66	62.1%	50.1%	72.9%	Average	Total Population
Fairview Zimmerman Clinic	108	62.0%	52.6%	70.6%	Average	Total Population
Essentia Health - Northern Pines Clinic	129	62.0%	53.4%	69.9%	Average	Total Population
Mankato Clinic - North Mankato	100	62.0%	52.2%	70.9%	Average	Total Population
CentraCare Clinic - St. Joseph	63	61.9%	49.6%	72.9%	Average	Total Population
Altru Health System - Main	168	61.9%	54.4%	68.9%	Above	Total Population
HealthPartners - Brooklyn Center	440	61.8%	57.2%	66.2%	Above	Total Population
Allina Health - Champlin	204	61.8%	54.9%	68.2%	Above	Total Population
Allina Health - Northfield	310	61.6%	56.1%	66.9%	Above	Total Population
HealthPartners - Elk River	125	61.6%	52.9%	69.7%	Average	Total Population
Allina Health - Woodbury	255	61.6%	55.5%	67.3%	Above	Total Population
HealthPartners - Roseville	117	61.5%	52.5%	69.9%	Average	Total Population
Allina Health - Dean Lakes	52	61.5%	48.0%	73.5%	Average	Total Population
Fairview Rush City Clinic	137	61.3%	53.0%	69.1%	Average	Total Population
Allina Health - Cokato	49	61.2%	47.3%	73.6%	Average	Total Population
HealthPartners - Nokomis	59	61.0%	48.3%	72.4%	Average	Total Population
Affiliated Community Medical Centers - New London Clinic	82	61.0%	50.2%	70.8%	Average	Total Population
Edina Family Physicians, P.A.	41	61.0%	45.7%	74.3%	Average	Total Population
Albany Medical Center	41	61.0%	45.7%	74.3%	Average	Total Population
Sanford Bemidji 1611 Anne St Clinic	297	60.9%	55.3%	66.3%	Above	Total Population
Essentia Health - Moorhead	120	60.8%	51.9%	69.1%	Average	Total Population
Mayo Clinic - Kasson	97	60.8%	50.9%	70.0%	Average	Total Population
Mankato Clinic - Main Street	339	60.8%	55.5%	65.8%	Above	Total Population
Essentia Health - Detroit Lakes	395	60.8%	55.9%	65.5%	Above	Total Population
Essentia Health - Lakewalk Clinic	112	60.7%	51.5%	69.3%	Average	Total Population
Sanford Southpointe Internal Medicine	145	60.7%	52.6%	68.3%	Average	Total Population
HealthPartners - Midway	411	60.6%	55.8%	65.2%	Above	Total Population
Allina Health - Cottage Grove	294	60.5%	54.9%	66.0%	Above	Total Population
Mayo Clinic Health System Springfield	43	60.5%	45.6%	73.6%	Average	Total Population
Sanford Thief River Falls Clinic	275	60.4%	54.5%	66.0%	Above	Total Population
Sanford 41st and Sertoma Family Medicine	131	60.3%	51.8%	68.3%	Average	Total Population
North Memorial Clinic - Arbor Lakes	136	60.3%	51.9%	68.1%	Average	Total Population
Essentia Health - Ely Clinic	239	60.3%	53.9%	66.3%	Above	Total Population
Allina Health - Maplewood (Aspen)	349	60.2%	55.0%	65.2%	Above	Total Population
Sanford Broadway Internal Medicine Clinic	173	60.1%	52.7%	67.1%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	333	60.1%	54.7%	65.2%	Above	Total Population
Sanford Wheaton Clinic	30	60.0%	42.3%	75.4%	Average	Total Population
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	30	60.0%	42.3%	75.4%	Average	Total Population
Sanford Health Ipswich Clinic	45	60.0%	45.5%	73.0%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	427	59.7%	55.0%	64.3%	Above	Total Population
Allina Health - North Branch	57	59.7%	46.7%	71.4%	Average	Total Population
Hennepin County Medical Center Clinics - St. Anthony Village Clinic	99	59.6%	49.8%	68.7%	Average	Total Population
Essentia Health - Wahpeton	42	59.5%	44.5%	73.0%	Average	Total Population
Northwest Family Physicians - Rogers	74	59.5%	48.1%	69.9%	Average	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	54	59.3%	46.0%	71.3%	Average	Total Population
Park Nicollet Clinic - Eagan	235	59.2%	52.8%	65.2%	Average	Total Population
Mayo Clinic - Speciality Practice	186	59.1%	52.0%	66.0%	Average	Total Population
Richfield Medical Group	88	59.1%	48.7%	68.8%	Average	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
HealthPartners - Riverside	383	59.0%	54.0%	63.8%	Above	Total Population
Allina Health - Maple Grove	112	58.9%	49.7%	67.6%	Average	Total Population
Essentia Health Bagley	56	58.9%	45.9%	70.8%	Average	Total Population
Sanford Health Vermillion Clinic	129	58.9%	50.3%	67.0%	Average	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	124	58.9%	50.1%	67.1%	Average	Total Population
Fairview Lakes Medical Center	401	58.9%	54.0%	63.6%	Above	Total Population
Entira Family Clinics - Highland	119	58.8%	49.8%	67.3%	Average	Total Population
Essentia Health - Hayward Clinic	131	58.8%	50.2%	66.8%	Average	Total Population
North Memorial Clinic - Maple Grove	109	58.7%	49.3%	67.5%	Average	Total Population
Allina Health - Faribault	399	58.7%	53.8%	63.4%	Average	Total Population
Altru Health System - Family Medicine Center	191	58.6%	51.6%	65.4%	Average	Total Population
Sanford Moorhead Family Medicine	116	58.6%	49.5%	67.2%	Average	Total Population
Sanford 4th and Sycamore Family Medicine	128	58.6%	49.9%	66.8%	Average	Total Population
Northwest Family Physicians - Plymouth	82	58.5%	47.7%	68.6%	Average	Total Population
Fairview Andover Clinic	258	58.5%	52.4%	64.4%	Average	Total Population
Prairie Ridge Hospital & Health Services - Morris	53	58.5%	45.1%	70.7%	Average	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	53	58.5%	45.1%	70.7%	Average	Total Population
Sanford Moorhead Internal Medicine	65	58.5%	46.3%	69.6%	Average	Total Population
Fairview Riverside	101	58.4%	48.7%	67.6%	Average	Total Population
Allina Health - United Medical Specialties	113	58.4%	49.2%	67.1%	Average	Total Population
Entira Family Clinics - Vadnais Heights	115	58.3%	49.1%	66.9%	Average	Total Population
Ortonville Area Health Services-Northside Medical Clinic	115	58.3%	49.1%	66.9%	Average	Total Population
Allina Health - Brooklyn Park	103	58.3%	48.6%	67.3%	Average	Total Population
HealthPartners - Lino Lakes	74	58.1%	46.7%	68.7%	Average	Total Population
Mayo Clinic Health System Wells	38	57.9%	42.2%	72.2%	Average	Total Population
Mayo Clinic - Northeast	95	57.9%	47.9%	67.3%	Average	Total Population
Mayo Clinic Health System Red Wing	325	57.9%	52.4%	63.1%	Average	Total Population
Sanford Rock Rapids Clinic	45	57.8%	43.3%	71.0%	Average	Total Population
Essentia Health - Hermantown Clinic	213	57.8%	51.0%	64.2%	Average	Total Population
Mayo Clinic Health System Waseca	139	57.6%	49.2%	65.5%	Average	Total Population
Essentia Health - West Duluth Clinic	339	57.5%	52.2%	62.7%	Average	Total Population
Fairview North Branch Clinic	174	57.5%	50.0%	64.6%	Average	Total Population
HealthPartners - Apple Valley	188	57.5%	50.3%	64.3%	Average	Total Population
St. Cloud Medical Group - South -IHN	282	57.5%	51.6%	63.1%	Average	Total Population
Allina Health - First Street	227	57.3%	50.8%	63.5%	Average	Total Population
University of MNPhysicians - Phalen Village Family Medicine Clinic	379	57.3%	52.2%	62.1%	Average	Total Population
Fairview Hugo Clinic	77	57.1%	46.0%	67.6%	Average	Total Population
Sanford Westbrook Clinic	35	57.1%	40.9%	72.0%	Average	Total Population
Sanford Webster Clinic	49	57.1%	43.3%	70.0%	Average	Total Population
Essentia Health - Lakeside Clinic	183	56.8%	49.6%	63.8%	Average	Total Population
North Memorial Clinic - Brooklyn Center Physicians	175	56.6%	49.2%	63.7%	Average	Total Population
North Memorial Clinic, Silver Lake - Blaine	69	56.5%	44.8%	67.6%	Average	Total Population
HealthPartners - Cottage Grove	39	56.4%	41.0%	70.7%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	190	56.3%	49.2%	63.2%	Average	Total Population
Sanford Health Broadway Clinic	336	56.3%	50.9%	61.5%	Average	Total Population
Fairview Lino Lakes Clinic	155	56.1%	48.3%	63.7%	Average	Total Population
Fairview Columbia Heights Clinic	434	56.0%	51.3%	60.6%	Average	Total Population
CentraCare Health Paynesville- Richmond	34	55.9%	39.5%	71.1%	Average	Total Population
Sanford Canby Clinic	77	55.8%	44.7%	66.4%	Average	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	86	55.8%	45.3%	65.8%	Average	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
Allina Health - Fridley	140	55.7%	47.4%	63.7%	Average	Total Population
Fairview Riverside Primary Care Clinic	169	55.6%	48.1%	62.9%	Average	Total Population
Fairview Blaine Clinic	139	55.4%	47.1%	63.4%	Average	Total Population
Allina Health - Lakeville (Quello)	94	55.3%	45.3%	65.0%	Average	Total Population
Raiter Clinic-IHN	302	55.3%	49.7%	60.8%	Average	Total Population
Mayo Clinic Health System St. James	123	55.3%	46.5%	63.8%	Average	Total Population
Fairview St. Francis Clinic	38	55.3%	39.7%	69.9%	Average	Total Population
CentraCare Health Plaza-Family Medicine	228	55.3%	48.8%	61.6%	Average	Total Population
Hendricks Clinic	51	54.9%	41.4%	67.7%	Average	Total Population
HealthEast Vadnais Heights Clinic	113	54.9%	45.7%	63.7%	Average	Total Population
Grand Itasca Clinic	598	54.9%	50.8%	58.8%	Average	Total Population
HealthPartners - Anoka	321	54.8%	49.4%	60.2%	Average	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	179	54.8%	47.4%	61.9%	Average	Total Population
St. Cloud Medical Group - NW- IHN	342	54.7%	49.4%	59.9%	Average	Total Population
HealthPartners - St Paul	642	54.7%	50.8%	58.5%	Average	Total Population
Family Practice Medical Center of Willmar	249	54.6%	48.4%	60.7%	Average	Total Population
Buffalo Clinic-IHN	282	54.6%	48.8%	60.3%	Average	Total Population
Lac Qui Parle Clinic	44	54.6%	40.1%	68.3%	Average	Total Population
Family Medical Center	316	54.4%	48.9%	59.8%	Average	Total Population
Essentia Health - St. Mary's-Superior Clinic	228	54.4%	47.9%	60.7%	Average	Total Population
FirstLight Health System - Mora	320	54.4%	48.9%	59.8%	Average	Total Population
Essentia Health - Ashland Clinic	153	54.3%	46.4%	61.9%	Average	Total Population
Sanford Luverne Clinic	144	54.2%	46.0%	62.1%	Average	Total Population
North Clinic - Osseo Office	135	54.1%	45.7%	62.3%	Average	Total Population
Altru Health System - Roseau	135	54.1%	45.7%	62.3%	Average	Total Population
Buffalo Clinic-Monticello: IHN	222	54.1%	47.5%	60.5%	Average	Total Population
Park Nicollet Clinic - Champlin	50	54.0%	40.4%	67.0%	Average	Total Population
Riverwood Aitkin Clinic	263	54.0%	48.0%	59.9%	Average	Total Population
Mayo Clinic - Northwest	63	54.0%	41.8%	65.7%	Average	Total Population
Park Nicollet Clinic - Plymouth	202	54.0%	47.1%	60.7%	Average	Total Population
Essentia Health - Spooner Clinic	128	53.9%	45.3%	62.3%	Average	Total Population
Park Nicollet Clinic - Bloomington	219	53.9%	47.3%	60.4%	Average	Total Population
FamilyHealth Medical Clinic - Northfield	67	53.7%	41.9%	65.1%	Average	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	54	53.7%	40.6%	66.3%	Average	Total Population
North Clinic - WestHealth Office in Plymouth	140	53.6%	45.3%	61.6%	Average	Total Population
Stillwater Medical Group - Mahtomedi Clinic	56	53.6%	40.7%	66.0%	Average	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	99	53.5%	43.8%	63.0%	Average	Total Population
Essentia Health Fosston	185	53.5%	46.3%	60.6%	Average	Total Population
University of MN Health - Women's Health Specialists Clinic	86	53.5%	43.0%	63.7%	Average	Total Population
North Memorial Clinic - Camden	165	53.3%	45.7%	60.8%	Average	Total Population
HCMC Clinics - Hennepin Center for Senior Care	77	53.3%	42.2%	64.0%	Average	Total Population
HealthEast Oakdale	190	53.2%	46.1%	60.1%	Average	Total Population
Mayo Clinic Health System Adams	32	53.1%	36.5%	69.1%	Average	Total Population
Essentia Health - Virginia Clinic	279	53.1%	47.2%	58.8%	Average	Total Population
Duluth Family Medicine Clinic	202	53.0%	46.1%	59.7%	Average	Total Population
Mayo Clinic Health System Plainview	34	52.9%	36.7%	68.6%	Average	Total Population
North Memorial Clinic - Northeast Family Physicians	140	52.9%	44.6%	60.9%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	150	52.7%	44.7%	60.5%	Average	Total Population
Altru Health System - Lake Region	114	52.6%	43.5%	61.6%	Average	Total Population
HCMC Clinics - Downtown Medicine Clinic	2,453	52.6%	50.7%	54.6%	Average	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
Fairview Bloomington Lake Minneapolis	257	52.5%	46.4%	58.6%	Average	Total Population
HealthPartners - Eagan	84	52.4%	41.8%	62.7%	Average	Total Population
Park Nicollet Clinic - Burnsville	629	52.3%	48.4%	56.2%	Average	Total Population
Riverwood McGregor Clinic	201	52.2%	45.4%	59.0%	Average	Total Population
Essentia Health - Proctor Clinic	69	52.2%	40.6%	63.5%	Average	Total Population
Fairview Rosemount Clinic	71	52.1%	40.7%	63.3%	Average	Total Population
Essentia Health - South University	71	52.1%	40.7%	63.3%	Average	Total Population
Olmsted Medical Center - Pine Island Clinic	52	51.9%	38.7%	64.9%	Average	Total Population
Park Nicollet Clinic - Wayzata	168	51.8%	44.3%	59.2%	Average	Total Population
Ridgeview Chanhassen Clinic	85	51.8%	41.3%	62.1%	Average	Total Population
Hennepin County Medical Center Clinics - East Lake Clinic	352	51.7%	46.5%	56.9%	Average	Total Population
CentraCare Health Paynesville - Eden Valley	33	51.5%	35.2%	67.5%	Average	Total Population
Essentia Health St. Joseph's - Pierz Clinic	33	51.5%	35.2%	67.5%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	610	51.5%	47.5%	55.4%	Average	Total Population
River's Edge Clinic - St. Peter	37	51.4%	35.9%	66.6%	Average	Total Population
Park Nicollet Clinic - Maple Grove	287	51.2%	45.5%	57.0%	Average	Total Population
Range Regional Hlth Svcs. dba Fairview Mesaba Clinic - Hibbing	246	51.2%	45.0%	57.4%	Average	Total Population
Sanford Health Mountain Lake Clinic	59	50.9%	38.4%	63.2%	Average	Total Population
Park Nicollet Clinic - Chanhassen	309	50.8%	45.3%	56.3%	Average	Total Population
Entira Family Clinics - Woodbury	136	50.7%	42.4%	59.0%	Average	Total Population
Riverwood Garrison Clinic	69	50.7%	39.2%	62.2%	Average	Total Population
HealthEast Cottage Grove Clinic	111	50.5%	41.3%	59.6%	Average	Total Population
North Memorial Clinic - Ridgedale	117	50.4%	41.5%	59.3%	Average	Total Population
HealthEast Rice Street Clinic	576	50.4%	46.3%	54.4%	Average	Total Population
FirstLight Health System - Pine City	145	50.3%	42.3%	58.4%	Average	Total Population
Essentia Health - International Falls Clinic	247	50.2%	44.0%	56.4%	Average	Total Population
^ Park Nicollet Clinic - Women's Center - OBGYN	134	50.0%	41.7%	58.4%	Average	Total Population
Entira Family Clinics - Como/Roseville	160	50.0%	42.3%	57.7%	Average	Total Population
HealthEast Woodbury Clinic	148	50.0%	42.1%	58.0%	Average	Total Population
North Memorial Clinic - Brooklyn Park Physicians	218	50.0%	43.4%	56.6%	Average	Total Population
Sanford Health Jamestown Clinic	124	50.0%	41.3%	58.7%	Average	Total Population
Sanford Health Parkers Prairie Clinic	66	50.0%	38.3%	61.7%	Average	Total Population
EH-Park Rapids	328	50.0%	44.6%	55.4%	Average	Total Population
HealthPartners Central Minnesota Clinics	390	49.7%	44.8%	54.7%	Average	Total Population
Entira Family Clinics - West St. Paul	147	49.7%	41.7%	57.7%	Average	Total Population
Park Nicollet Clinic - Brookdale	550	49.6%	45.5%	53.8%	Below	Total Population
Hennepin County Medical Ctr. Clinics - Brooklyn Center Clinic	311	49.5%	44.0%	55.1%	Average	Total Population
Fairview Pine City Clinic	89	49.4%	39.3%	59.6%	Average	Total Population
HealthEast Roseville Clinic	179	49.2%	41.9%	56.4%	Average	Total Population
Sanford Health Watertown Clinic	222	49.1%	42.6%	55.6%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	1,002	49.1%	46.0%	52.2%	Below	Total Population
HealthEast Maplewood Clinic	206	49.0%	42.3%	55.8%	Average	Total Population
Hutchinson Health - Hutchinson Clinic	298	49.0%	43.4%	54.7%	Average	Total Population
Essentia Health- Grand Rapids Clinic	43	48.8%	34.6%	63.3%	Average	Total Population
Tri-County Health Care - Wadena Clinic	330	48.8%	43.4%	54.2%	Average	Total Population
Park Nicollet Clinic - Shakopee	439	48.8%	44.1%	53.4%	Below	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	195	48.7%	41.8%	55.7%	Average	Total Population
Essentia Health - Hackensack Clinic	39	48.7%	33.9%	63.8%	Average	Total Population
Glencoe Regional Health Services - Glencoe	193	48.7%	41.8%	55.7%	Average	Total Population
Mayo Clinic Health System Lake Crystal	37	48.7%	33.5%	64.1%	Average	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
HealthEast Midway Clinic	206	48.5%	41.8%	55.3%	Average	Total Population
HealthEast Tamarack Clinic Woodbury	101	48.5%	39.0%	58.1%	Average	Total Population
Allina Health - Elk River	132	48.5%	40.1%	56.9%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics -Richfield Clinic	359	48.5%	43.3%	53.6%	Below	Total Population
^Metropolitan Obstetrics and Gynecology - Gallery Professional Bldg.	62	48.4%	36.4%	60.6%	Average	Total Population
Sanford Worthington Clinic	205	48.3%	41.6%	55.1%	Average	Total Population
Sanford Wahpeton Clinic	125	48.0%	39.4%	56.7%	Average	Total Population
Renville County Hospital and Clinics - Olivia	73	48.0%	36.9%	59.2%	Average	Total Population
Entira Family Clinics - Inver Grove Heights	119	47.9%	39.1%	56.8%	Average	Total Population
Mankato Clinic - Daniel's Health Center	40	47.5%	32.9%	62.5%	Average	Total Population
EH- Menahga	59	47.5%	35.3%	60.0%	Average	Total Population
NorthPoint Health & Wellness Center	1,181	47.4%	44.6%	50.3%	Below	Total Population
Buffalo Clinic-Albertville-St. Michael Clinic: IHN	55	47.3%	34.7%	60.2%	Average	Total Population
Open Door Health Center	110	47.3%	38.2%	56.5%	Average	Total Population
Altru Health System - Crookston	146	47.3%	39.3%	55.3%	Average	Total Population
Range Regional Hlth Svcs. dba Fairview Mesaba Clinic - Nashwauk	70	47.1%	35.9%	58.7%	Average	Total Population
Ridgeview Westonka Clinic	225	47.1%	40.7%	53.6%	Below	Total Population
Hennepin County Med.,Ctr. Clinics - Positive Care Clinic	240	47.1%	40.9%	53.4%	Below	Total Population
North Memorial Clinic - Elk River Physicians	102	47.1%	37.7%	56.7%	Average	Total Population
Mayo Clinic Health System Lake City	102	47.1%	37.7%	56.7%	Average	Total Population
North Clinic - Maple Grove Office	100	47.0%	37.5%	56.7%	Average	Total Population
Avera Medical Group - Windom	49	46.9%	33.7%	60.6%	Average	Total Population
Avera Medical Group - Worthington	196	46.9%	40.1%	53.9%	Average	Total Population
Mankato Clinic - Mapleton	32	46.9%	30.9%	63.6%	Average	Total Population
Sanford West Fargo Clinic	62	46.8%	34.9%	59.0%	Average	Total Population
Entira Family Clinics - Shoreview	77	46.8%	36.0%	57.8%	Average	Total Population
Essentia Health - Hibbing Clinic	137	46.7%	38.6%	55.1%	Average	Total Population
Hennepin County Medical Ctr. Clinics - Golden Valley Clinic	105	46.7%	37.4%	56.2%	Average	Total Population
FirstLight Health System - Hinckley	99	46.5%	37.0%	56.2%	Average	Total Population
Gundersen Health System - Harmony Clinic	41	46.3%	32.1%	61.3%	Average	Total Population
HCMC Clinics - Internal Medicine Clinic at Parkside	395	46.3%	41.5%	51.3%	Below	Total Population
Winona Health - Winona Clinic	613	45.8%	41.9%	49.8%	Below	Total Population
Valley Family Practice	35	45.7%	30.5%	61.8%	Average	Total Population
Sanford Southpointe Family Medicine	116	45.7%	36.9%	54.8%	Average	Total Population
Hennepin County Medical Ctr. Clinics - Brooklyn Park Clinic	278	45.7%	39.9%	51.6%	Below	Total Population
Hutchinson Health - Dassel Clinic	33	45.5%	29.8%	62.0%	Average	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	330	45.5%	40.2%	50.9%	Below	Total Population
United Family Medicine	755	45.4%	41.9%	49.0%	Below	Total Population
CentraCare Family Health Center	348	45.4%	40.3%	50.7%	Below	Total Population
France Avenue Family Physicians - MN Healthcare Network	64	45.3%	33.7%	57.4%	Average	Total Population
Sanford Health Mitchell Clinic	64	45.3%	33.7%	57.4%	Average	Total Population
CentraCare Health- Paynesville Clinic	106	45.3%	36.1%	54.8%	Average	Total Population
HealthEast Downtown St. Paul Clinic	194	44.9%	38.0%	51.9%	Below	Total Population
Olmsted Medical Center - St. Charles Clinic	38	44.7%	30.2%	60.3%	Average	Total Population
Ridgeview Delano Clinic	123	44.7%	36.2%	53.5%	Below	Total Population
Gateway Family Health Clinic - Moose Lake	206	44.7%	38.0%	51.5%	Below	Total Population
Sanford Health Walker Clinic	112	44.6%	35.8%	53.9%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	639	44.6%	40.8%	48.5%	Below	Total Population
Essentia Health Ada	45	44.4%	30.9%	58.8%	Average	Total Population
HealthEast Grand Avenue Clinic	260	44.2%	38.3%	50.3%	Below	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
Park Nicollet Clinic - Creekside	170	44.1%	36.9%	51.6%	Below	Total Population
Essentia Health St. Joseph's - Pine River Clinic	186	44.1%	37.1%	51.3%	Below	Total Population
Essentia Health St. Joseph's - Pequot Lakes Clinic	82	43.9%	33.7%	54.7%	Average	Total Population
Sanford Health Windom Clinic	55	43.6%	31.4%	56.7%	Average	Total Population
Entira Family Clinics - Maplewood/Battle Creek	186	43.6%	36.6%	50.7%	Below	Total Population
Olmsted Medical Center - Spring Valley Clinic	62	43.6%	31.9%	55.9%	Average	Total Population
Integracare Ltd dba Williams Clinic	92	43.5%	33.8%	53.7%	Below	Total Population
Lake Superior Community Health Center - Duluth	283	43.5%	37.8%	49.3%	Below	Total Population
Northwest Family Physicians - Crystal	231	43.3%	37.1%	49.7%	Below	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	67	43.3%	32.1%	55.2%	Average	Total Population
Altru Health System - Grand Forks Family Medicine Residency	74	43.2%	32.6%	54.6%	Average	Total Population
Sanford East Grand Forks Clinic	81	43.2%	33.0%	54.1%	Average	Total Population
Sanford Mahnomon Clinic	44	43.2%	29.7%	57.8%	Average	Total Population
Sanford Resident Clinic	51	43.1%	30.5%	56.7%	Average	Total Population
Altru Health System - Professional Center	49	42.9%	30.0%	56.7%	Average	Total Population
North Clinic - Oakdale Office in Robbinsdale	246	42.7%	36.7%	48.9%	Below	Total Population
Essentia Health - West Acres	47	42.6%	29.5%	56.7%	Average	Total Population
Park Nicollet Clinic - Rogers	40	42.5%	28.5%	57.8%	Average	Total Population
Ridgeview Arlington Clinic	45	42.2%	29.0%	56.7%	Average	Total Population
Madelia Community Hospital & Clinic	45	42.2%	29.0%	56.7%	Average	Total Population
Johnson Memorial Health Services - Dawson Clinic	64	42.2%	30.9%	54.4%	Average	Total Population
Sanford North Fargo Clinic	88	42.1%	32.3%	52.5%	Below	Total Population
Entira Family Clinics - North St. Paul	229	41.9%	35.7%	48.4%	Below	Total Population
Olmsted Medical Center - Byron Clinic	55	41.8%	29.7%	55.0%	Average	Total Population
Multicare Associates - Fridley Medical Center	283	41.7%	36.1%	47.5%	Below	Total Population
Sanford Valley City Clinic	58	41.4%	29.6%	54.2%	Average	Total Population
Olmsted Medical Center - Stewartville Clinic	87	41.4%	31.6%	51.9%	Below	Total Population
Olmsted Medical Center - Preston Clinic	68	41.2%	30.3%	53.0%	Below	Total Population
Sanford USD Family Medicine	44	40.9%	27.7%	55.6%	Average	Total Population
Avera - Pipestone County Medical Center	145	40.7%	33.0%	48.8%	Below	Total Population
Altru Health System - Warroad	32	40.6%	25.5%	57.7%	Average	Total Population
Multicare Associates - Blaine Medical Center	210	40.5%	34.1%	47.2%	Below	Total Population
Ridgeview Excelsior Clinic	42	40.5%	27.0%	55.5%	Average	Total Population
Sanford Tracy Clinic	47	40.4%	27.6%	54.7%	Average	Total Population
Sanford Health Hillsboro Clinic	30	40.0%	24.6%	57.7%	Average	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	163	39.9%	32.7%	47.5%	Below	Total Population
Tyler Medical Clinic - Avera	73	39.7%	29.3%	51.2%	Below	Total Population
Park Nicollet Clinic - Minneapolis	525	39.6%	35.5%	43.9%	Below	Total Population
Gateway Family Health Clinic - Sandstone	200	39.5%	33.0%	46.4%	Below	Total Population
Glencoe Regional Health Services - Lester Prairie	33	39.4%	24.7%	56.3%	Average	Total Population
University of MN Physicians - Bethesda Family Medicine Clinic	608	39.3%	35.5%	43.3%	Below	Total Population
Sanford Health Clark Clinic	56	39.3%	27.6%	52.4%	Below	Total Population
HealthEast Stillwater Clinic	51	39.2%	27.0%	52.9%	Below	Total Population
Sanford Health Adrian Clinic	41	39.0%	25.7%	54.3%	Average	Total Population
Sanford Chamberlain Clinic	90	38.9%	29.5%	49.2%	Below	Total Population
Sawtooth Mountain Clinic, Inc	206	38.8%	32.4%	45.6%	Below	Total Population
HealthEast Roselawn Clinic	656	38.6%	34.9%	42.4%	Below	Total Population
HealthEast Hugo Clinic	50	38.0%	25.9%	51.9%	Below	Total Population
Sleepy Eye Medical Center	61	37.7%	26.6%	50.3%	Below	Total Population
Park Nicollet Clinic - Prior Lake	152	37.5%	30.2%	45.4%	Below	Total Population

**Table 26.1: Colorectal Cancer Screening by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
Entira Family Clinics - White Bear Lake/Banning Ave	107	37.4%	28.8%	46.8%	Below	Total Population
Multicare Associates - Roseville Medical Center	83	37.4%	27.7%	48.1%	Below	Total Population
Entira Family Clinics - East Side	258	37.2%	31.5%	43.3%	Below	Total Population
Allina Hlth Spty. - Abbott Northwestern General Med. Assoc.- Mpls	43	37.2%	24.4%	52.1%	Below	Total Population
Olmsted Medical Center - Chatfield Clinic	57	36.8%	25.5%	49.8%	Below	Total Population
Sanford Sheldon Clinic	49	36.7%	24.7%	50.7%	Below	Total Population
^ Hennepin County Medical Ctr. Clinics - HCMC OB/GYN Clinic	33	36.4%	22.2%	53.4%	Below	Total Population
Community-University Health Care Center	691	36.3%	32.8%	40.0%	Below	Total Population
Avera Medical Group - Marshall	61	36.1%	25.2%	48.6%	Below	Total Population
University of MN Physicians - Broadway Family Medicine Clinic	403	36.0%	31.5%	40.8%	Below	Total Population
Sanford Jackson Clinic	64	35.9%	25.3%	48.2%	Below	Total Population
Hudson Physicians	110	35.5%	27.1%	44.8%	Below	Total Population
Olmsted Medical Center - Rochester Northwest	150	35.3%	28.1%	43.3%	Below	Total Population
Southside Medical Clinic	196	34.2%	27.9%	41.1%	Below	Total Population
Sanford Bagley Clinic	94	34.0%	25.3%	44.1%	Below	Total Population
Hennepin County Medical Ctr. Clinics - Coordinated Care Clinic	103	34.0%	25.6%	43.6%	Below	Total Population
West Side Community Health Services - La Clinica	380	34.0%	29.4%	38.9%	Below	Total Population
Tri-County Health Care - Henning Clinic	51	33.3%	22.0%	47.0%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	205	33.2%	27.1%	39.9%	Below	Total Population
LakeWood Health Center Clinic	97	33.0%	24.4%	42.8%	Below	Total Population
Apple Valley Medical Clinic - Family Practice	360	32.5%	27.9%	37.5%	Below	Total Population
Scenic Rivers Health Services - Cook	125	32.0%	24.5%	40.6%	Below	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	113	31.9%	24.0%	40.9%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	600	31.8%	28.2%	35.7%	Below	Total Population
Gateway Family Health Clinic - Hinckley	41	31.7%	19.6%	47.0%	Below	Total Population
Neighborhood HealthSource - Sheridan Clinic	60	31.7%	21.3%	44.2%	Below	Total Population
RiverView Clinic North	73	31.5%	22.0%	42.9%	Below	Total Population
Tri-County Health Care - Sebeka Clinic	45	31.1%	19.5%	45.7%	Below	Total Population
Kittson Memorial Clinic - Hallock	47	29.8%	18.7%	44.0%	Below	Total Population
Sanford Pelican Rapids Clinic	48	29.2%	18.2%	43.2%	Below	Total Population
FamilyHealth Medical Clinic - Farmington	31	29.0%	16.1%	46.6%	Below	Total Population
Ridgeview Winsted Clinic	49	28.6%	17.9%	42.4%	Below	Total Population
Scandia Clinic	32	28.1%	15.6%	45.4%	Below	Total Population
Indian Health Board of Minneapolis	129	27.1%	20.2%	35.4%	Below	Total Population
Neighborhood HealthSource-Central Clinic	163	26.4%	20.2%	33.6%	Below	Total Population
Renville County Hospital and Clinics - Renville	42	26.2%	15.3%	41.1%	Below	Total Population
Life Medical	121	22.3%	15.8%	30.5%	Below	Total Population
Scenic Rivers Health Services - Floodwood	34	20.6%	10.4%	36.8%	Below	Total Population
West Side Community Health Services-McDonough Homes Clinic	197	19.3%	14.4%	25.4%	Below	Total Population
Native American Community Clinic	208	17.8%	13.2%	23.6%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	971	3.3%	2.3%	4.6%	Below	Total Population
Bluestone Physician Services	540	2.8%	1.7%	4.5%	Below	Total Population
AXIS Medical Center	533	2.1%	1.2%	3.7%	Below	Total Population

**Table 26.2: Colorectal Cancer Screening by Medical Group**

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
^Southdale Ob/Gyn Consultants	40	95.0%	83.5%	98.6%	Above	Total Population
^Obstetrics and Gynecology Associates	169	79.3%	72.6%	84.7%	Above	Total Population
^John A. Haugen Associates, PA	31	77.4%	60.2%	88.6%	Above	Total Population
^Partners Ob/Gyn	50	76.0%	62.6%	85.7%	Above	Total Population
Edina Sports Health & Wellness	53	75.5%	62.4%	85.1%	Above	Total Population
^Western ObGyn	34	73.5%	56.9%	85.4%	Above	Total Population
Lakewood Health System	83	72.3%	61.8%	80.8%	Above	Total Population
Burnsville Family Physicians	88	69.3%	59.0%	78.0%	Above	Total Population
AALFA Family Clinic	39	66.7%	51.0%	79.4%	Average	Total Population
Alexandria Clinic	436	65.6%	61.0%	69.9%	Above	Total Population
Allina Health Clinics	10,325	65.0%	64.1%	65.9%	Above	Total Population
Fairview Health Services	7,737	64.3%	63.2%	65.3%	Above	Total Population
Mayo Clinic Health System	4,158	63.9%	62.5%	65.4%	Above	Total Population
Stillwater Medical Group	578	63.8%	59.8%	67.7%	Above	Total Population
CentraCare Health	1,483	63.7%	61.2%	66.1%	Above	Total Population
HealthPartners Clinics	6,403	63.2%	62.0%	64.4%	Above	Total Population
^OBGYN West	44	61.4%	46.6%	74.3%	Average	Total Population
Edina Family Physicians, P.A.	41	61.0%	45.7%	74.3%	Average	Total Population
Albany Medical Center	41	61.0%	45.7%	74.3%	Average	Total Population
Mayo Clinic	1,188	60.9%	58.1%	63.7%	Above	Total Population
Allina Health Specialties	580	60.2%	56.1%	64.1%	Above	Total Population
Sanford Health - Sioux Falls Region	3,838	60.1%	58.6%	61.7%	Above	Total Population
Affiliated Community Medical Centers	1,507	59.3%	56.8%	61.7%	Above	Total Population
Mankato Clinic, Ltd.	623	59.2%	55.3%	63.0%	Above	Total Population
Richfield Medical Group	88	59.1%	48.7%	68.8%	Average	Total Population
^Oakdale Ob/Gyn	53	58.5%	45.1%	70.7%	Average	Total Population
Essentia Health - Central Region	1,284	58.4%	55.7%	61.1%	Above	Total Population
Ortonville Area Health Services-Northside Medical Clinic	115	58.3%	49.1%	66.9%	Average	Total Population
Essentia Health - East Region	3,376	57.7%	56.0%	59.4%	Above	Total Population
Gundersen Health System	133	56.4%	47.9%	64.5%	Average	Total Population
Integrity Health Network	1,655	56.3%	53.9%	58.7%	Above	Total Population
Sanford Health - Fargo Region	3,717	56.2%	54.6%	57.7%	Above	Total Population
Essentia Health - St. Mary's	890	55.8%	52.6%	59.1%	Average	Total Population
North Memorial	1,777	55.5%	53.2%	57.8%	Average	Total Population
Grand Itasca Clinic	598	54.9%	50.8%	58.8%	Average	Total Population
Essentia Health - Fosston	241	54.8%	48.5%	60.9%	Average	Total Population
Essentia Health - West	358	54.8%	49.6%	59.8%	Average	Total Population
Family Practice Medical Center of Willmar	249	54.6%	48.4%	60.7%	Average	Total Population
Lac Qui Parle Clinic	44	54.6%	40.1%	68.3%	Average	Total Population
St. Luke's Clinics	49	54.5%	40.7%	67.6%	Average	Sample
Fairview Mesaba Clinics	415	54.0%	49.2%	58.7%	Average	Total Population
Unity Family Healthcare, Family Medical Center	350	53.1%	47.9%	58.3%	Average	Total Population
Altru Health System	993	53.1%	50.0%	56.2%	Average	Total Population
Duluth Family Medicine Clinic (Duluth Family Practice Center)	202	53.0%	46.1%	59.7%	Average	Total Population
Riverwood Healthcare Center	533	52.9%	48.7%	57.1%	Average	Total Population
Hendricks Community Hospital Association	67	52.2%	40.5%	63.8%	Average	Total Population
Park Nicollet Health Services	5,889	52.1%	50.8%	53.3%	Below	Total Population
University of Minnesota Physicians	2,463	52.0%	50.0%	53.9%	Average	Total Population
FirstLight Health System	564	52.0%	47.8%	56.1%	Average	Total Population
River's Edge Hospital & Clinic	37	51.4%	35.9%	66.6%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	5,852	50.0%	48.8%	51.3%	Below	Total Population
HealthPartners Central Minnesota Clinics	390	49.7%	44.8%	54.7%	Average	Total Population

**Table 26.2: Colorectal Cancer Screening by Medical Group - *continued***

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name ( ^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	93,834	53.9%	53.6%	54.2%		
Northwest Family Physicians	387	49.6%	44.7%	54.6%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	201	48.8%	41.9%	55.6%	Average	Total Population
Hutchinson Health	331	48.6%	43.3%	54.0%	Average	Total Population
^Metropolitan Obstetrics & Gynecology	62	48.4%	36.4%	60.6%	Average	Total Population
North Clinic	621	48.3%	44.4%	52.2%	Below	Total Population
Glencoe Regional Health Services	245	48.2%	42.0%	54.4%	Average	Total Population
Prairie Ridge Hospital & Health Services	137	47.5%	39.3%	55.8%	Average	Total Population
NorthPoint Health & Wellness Center	1,181	47.4%	44.6%	50.3%	Below	Total Population
Open Door Health Center	110	47.3%	38.2%	56.5%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	1,739	46.8%	44.4%	49.1%	Below	Total Population
HealthEast Clinics	3,041	46.5%	44.8%	48.3%	Below	Total Population
Winona Health Services	613	45.8%	41.9%	49.8%	Below	Total Population
Valley Family Practice- MHN	35	45.7%	30.5%	61.8%	Average	Total Population
Tri-County Health Care	475	45.5%	41.1%	50.0%	Below	Total Population
United Family Medicine	755	45.4%	41.9%	49.0%	Below	Total Population
CentraCare Family Health Center	348	45.4%	40.3%	50.7%	Below	Total Population
France Avenue Family Physicians - Minnesota Healthcare Net.	64	45.3%	33.7%	57.4%	Average	Total Population
Essentia Health - Ada	45	44.4%	30.9%	58.8%	Average	Total Population
FamilyHealth Medical Clinics	115	44.4%	35.6%	53.5%	Below	Total Population
Lake Region Healthcare	357	44.3%	39.2%	49.4%	Below	Total Population
Renville County Hospital and Clinics	131	43.5%	35.3%	52.1%	Below	Total Population
Williams Integracare Clinic	92	43.5%	33.8%	53.7%	Below	Total Population
Lake Superior Community Health Center	283	43.5%	37.8%	49.3%	Below	Total Population
Avera Medical Group	524	42.9%	38.8%	47.2%	Below	Total Population
Sibley Medical Center DBA Ridgeview Sibley Medical Center	112	42.9%	34.1%	52.1%	Below	Total Population
Ridgeview Clinics	572	42.8%	38.8%	46.9%	Below	Total Population
Olmsted Medical Center	1,278	42.4%	39.7%	45.1%	Below	Total Population
Madelia Community Hospital & Clinic	45	42.2%	29.0%	56.7%	Average	Total Population
Dawson Clinic	64	42.2%	30.9%	54.4%	Average	Total Population
Gateway Family Health Clinic	447	41.2%	36.7%	45.8%	Below	Total Population
Multicare Associates	576	40.6%	36.7%	44.7%	Below	Total Population
Sawtooth Mountain Clinic	206	38.8%	32.4%	45.6%	Below	Total Population
Scenic Rivers Health Services	373	37.8%	33.0%	42.8%	Below	Total Population
Sleepy Eye Medical Center	61	37.7%	26.6%	50.3%	Below	Total Population
Community University Health Care Center	691	36.3%	32.8%	40.0%	Below	Total Population
Vibrant Health Family Clinics and Minnesota Health Network	36	36.1%	22.5%	52.4%	Below	Total Population
Hudson Physicians - Minnesota Healthcare Network	110	35.5%	27.1%	44.8%	Below	Total Population
Southside Community Health Services	212	34.0%	27.9%	40.6%	Below	Total Population
Lakewood Health Center Clinic	97	33.0%	24.4%	42.8%	Below	Total Population
Apple Valley Medical Clinic	360	32.5%	27.9%	37.5%	Below	Total Population
West Side Community Health Services	1,177	30.4%	27.9%	33.1%	Below	Total Population
Neighborhood Healthsource	443	30.0%	25.9%	34.5%	Below	Total Population
Kittson Memorial Clinic	68	29.4%	19.9%	41.1%	Below	Total Population
Scandia Clinic	32	28.1%	15.6%	45.4%	Below	Total Population
RiverView Health	106	27.4%	19.8%	36.5%	Below	Total Population
Indian Health Board of Minneapolis	129	27.1%	20.2%	35.4%	Below	Total Population
Life Medical	121	22.3%	15.8%	30.5%	Below	Total Population
Native American Community Clinic	208	17.8%	13.2%	23.6%	Below	Total Population
Cedar Riverside People's Center	971	3.3%	2.3%	4.6%	Below	Total Population
Bluestone Physician Services	540	2.8%	1.7%	4.5%	Below	Total Population
Axis Medical Center	533	2.1%	1.2%	3.7%	Below	Total Population

**Table 27: Chlamydia Screening in Women by Medical Group**

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, ^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>18,897</b>	<b>58.1%</b>	<b>57.4%</b>	<b>58.8%</b>		
Face to Face Health & Counseling Service, Inc.	167	94.0%	89.3%	96.7%	Above	Total Population
Planned Parenthood Minnesota, North Dakota, South Dakota	291	80.8%	75.8%	84.9%	Above	Total Population
NorthPoint Health & Wellness Center	280	78.9%	73.8%	83.3%	Above	Total Population
HealthPartners Clinics	1,758	77.2%	75.2%	79.1%	Above	Total Population
Hennepin County Medical Center (HCMC) Clinics	574	74.6%	70.9%	78.0%	Above	Total Population
CentraCare Family Health Center	52	73.1%	59.8%	83.2%	Above	Total Population
Neighborhood Healthsource	79	72.2%	61.4%	80.8%	Above	Total Population
Open Cities Health Center	37	70.3%	54.2%	82.5%	Average	Total Population
West Side Community Health Services	378	69.3%	64.5%	73.8%	Above	Total Population
Allina Health Specialties	2,156	68.7%	66.7%	70.6%	Above	Total Population
Community University Health Care Center	101	68.3%	58.7%	76.6%	Above	Total Population
United Family Medicine	108	67.6%	58.3%	75.7%	Above	Total Population
^ Premier OB/GYN of Minnesota	95	67.4%	57.4%	76.0%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	271	63.8%	58.0%	69.3%	Average	Total Population
Fairview Medical Group	1,195	62.4%	59.7%	65.1%	Above	Total Population
University of Minnesota Physicians	500	61.6%	57.3%	65.8%	Average	Total Population
North Clinic	79	60.8%	49.7%	70.8%	Average	Total Population
Park Nicollet Health Services	915	60.0%	56.8%	63.1%	Average	Total Population
HealthEast Clinics	471	59.9%	55.4%	64.2%	Average	Total Population
North Memorial	149	59.7%	51.7%	67.3%	Average	Total Population
^ Obstetrics and Gynecology Associates	42	59.5%	44.5%	73.0%	Average	Total Population
FirstLight Health System	107	58.9%	49.4%	67.7%	Average	Total Population
Affiliated Community Medical Centers	411	57.7%	52.8%	62.4%	Average	Total Population
Stillwater Medical Group	79	57.0%	46.0%	67.3%	Average	Total Population
St. Luke's Clinics	185	56.8%	49.6%	63.7%	Average	Total Population
Cedar Riverside People's Center	53	56.6%	43.3%	69.1%	Average	Total Population
Mayo Clinic Health System - Red Wing	56	55.4%	42.4%	67.6%	Average	Total Population
Mayo Clinic Health System - New Prague	35	54.3%	38.2%	69.5%	Average	Total Population
Hutchinson Health	87	54.0%	43.6%	64.1%	Average	Total Population
Mankato Clinic, Ltd.	223	53.4%	46.8%	59.8%	Average	Total Population
Olmsted Medical Center	232	53.0%	46.6%	59.3%	Average	Total Population
# Children's Clinic Network	94	52.1%	42.2%	61.9%	Average	Total Population
Mayo Clinic Health System - Albert Lea and Austin	292	51.4%	45.7%	57.1%	Below	Total Population
Duluth Family Medicine Clinic (Duluth Family Practice Center)	37	51.4%	35.9%	66.6%	Average	Total Population
CentraCare Health	358	50.8%	45.7%	56.0%	Below	Total Population
Apple Valley Medical Clinic	67	50.8%	39.1%	62.4%	Average	Total Population
Mayo Clinic	192	50.5%	43.5%	57.5%	Below	Total Population
Winona Health Services	173	49.7%	42.4%	57.1%	Below	Total Population
# Children's Health Care	155	49.7%	41.9%	57.5%	Below	Total Population
Lakeview Clinic	75	49.3%	38.3%	60.4%	Average	Total Population

**Table 27: Chlamydia Screening in Women by Medical Group - *continued***

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, ^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>18,897</b>	<b>58.1%</b>	<b>57.4%</b>	<b>58.8%</b>		
Grand Itasca Clinic	168	48.8%	41.4%	56.3%	Below	Total Population
Raiter Clinic, LTD - IHN	58	48.3%	35.9%	60.8%	Average	Total Population
Fairview Mesaba Clinics	100	48.0%	38.5%	57.7%	Below	Total Population
Essentia Health - Baxter Specialty Clinics	50	48.0%	34.8%	61.5%	Average	Total Population
Gateway Family Health Clinic	63	47.6%	35.8%	59.7%	Average	Total Population
MinuteClinic	36	47.2%	32.0%	63.0%	Average	Total Population
Multicare Associates	142	47.2%	39.2%	55.4%	Below	Total Population
Renville County Hospital and Clinics	34	47.1%	31.5%	63.3%	Average	Total Population
Essentia Health - East Region	504	46.6%	42.3%	51.0%	Below	Total Population
Mayo Clinic Health System - Fairmont	56	46.4%	34.0%	59.3%	Average	Total Population
Mayo Clinic Health System - Mankato	147	46.3%	38.4%	54.3%	Below	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	169	45.6%	38.2%	53.1%	Below	Total Population
Lake Region Healthcare	85	44.7%	34.6%	55.3%	Below	Total Population
Buffalo Clinic, PA - IHN	159	44.7%	37.1%	52.4%	Below	Total Population
Ridgeview Clinics	45	44.4%	30.9%	58.8%	Average	Total Population
Family Practice Medical Center of Willmar	52	44.2%	31.6%	57.7%	Below	Total Population
Cuyuna Regional Medical Center	71	43.7%	32.8%	55.2%	Below	Total Population
Essentia Health - Central Region	238	43.3%	37.1%	49.6%	Below	Total Population
Avera Med. Group- McGreevy, United Medical Ctr., Worthington	63	42.9%	31.4%	55.1%	Below	Total Population
Northwest Family Physicians	61	42.6%	31.0%	55.1%	Below	Total Population
Chippewa County Montevideo Hospital and Medical Clinic	64	42.2%	30.9%	54.4%	Below	Total Population
Tri-County Health Care	83	39.8%	29.9%	50.5%	Below	Total Population
Sanford Health - Fargo Region	719	39.5%	36.0%	43.1%	Below	Total Population
Altru Health System	99	39.4%	30.3%	49.2%	Below	Total Population
Mayo Clinic Health System - Lake City	41	39.0%	25.7%	54.3%	Below	Total Population
Essentia Health - St. Mary's	113	38.9%	30.5%	48.2%	Below	Total Population
United Hospital District Clinic	31	38.7%	23.7%	56.2%	Below	Total Population
Riverwood Healthcare Center	52	38.5%	26.5%	52.0%	Below	Total Population
Lakewood Health System	118	37.3%	29.1%	46.3%	Below	Total Population
Unity Family Healthcare - Avon	111	36.9%	28.5%	46.2%	Below	Total Population
Sanford Health - Sioux Falls Region	190	35.3%	28.8%	42.3%	Below	Total Population
Mayo Clinic Health System - St. James	33	33.3%	19.8%	50.4%	Below	Total Population
Mayo Clinic Health System-Owatonna	152	32.2%	25.3%	40.0%	Below	Total Population
Essentia Health - West	144	31.3%	24.3%	39.2%	Below	Total Population
Glenwood Medical Center	36	30.6%	18.0%	46.9%	Below	Total Population
RiverView Health	31	29.0%	16.1%	46.6%	Below	Total Population
Avera Medical Group - Pipestone	34	26.5%	14.6%	43.1%	Below	Total Population
Alexandria Clinic	118	26.3%	19.2%	34.9%	Below	Total Population
Essentia Health - Fosston	48	16.7%	8.7%	29.6%	Below	Total Population
Glencoe Regional Health Services	50	10.0%	4.4%	21.4%	Below	Total Population

**Table 28: Depression Remission at Six Months by Clinic**

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (● = Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>22,195</b>	<b>5.5%</b>	<b>5.2%</b>	<b>5.9%</b>		
Entira Family Clinics - West St. Paul	44	22.7%	12.8%	37.0%	Above	Total Population
Park Nicollet Clinic - Chanhassen	32	21.9%	11.0%	38.8%	Above	Total Population
Fairview Milaca Clinic	57	21.1%	12.5%	33.3%	Above	Total Population
Park Nicollet Clinic - Eagan	76	19.7%	12.3%	30.0%	Above	Total Population
Essentia Health - Hermantown Clinic	35	17.1%	8.1%	32.7%	Above	Total Population
Mankato Clinic - North Mankato	41	17.1%	8.5%	31.3%	Above	Total Population
Allina Health - West St. Paul	128	15.6%	10.4%	22.9%	Above	Total Population
Fairview Andover Clinic	122	15.6%	10.2%	23.1%	Above	Total Population
Allina Health - Ramsey	48	14.6%	7.3%	27.2%	Above	Total Population
Allina Health - St. Michael	43	14.0%	6.6%	27.3%	Above	Total Population
Fairview Elk River Clinic	67	13.4%	7.2%	23.6%	Above	Total Population
Allina Health - Forest Lake	53	13.2%	6.6%	24.8%	Above	Total Population
Allina Health - First Street	108	13.0%	7.9%	20.6%	Above	Total Population
Essentia Health - Detroit Lakes	114	12.3%	7.5%	19.6%	Above	Total Population
Park Nicollet Clinic - Bloomington	49	12.2%	5.7%	24.2%	Above	Total Population
Fairview Blaine Clinic	41	12.2%	5.3%	25.5%	Average	Total Population
Allina Health - Maple Grove	33	12.1%	4.8%	27.3%	Average	Total Population
Park Nicollet Clinic - Brookdale	75	12.0%	6.4%	21.3%	Above	Total Population
○Olmsted Medical Center - Rochester Southeast - Psychiatry	118	11.9%	7.2%	18.9%	Above	Total Population
Allina Health - East Lake Street (Aspen)	34	11.8%	4.7%	26.6%	Average	Total Population
Fairview Zimmerman Clinic	53	11.3%	5.3%	22.6%	Average	Total Population
Essentia Health - Deer River Clinic	53	11.3%	5.3%	22.6%	Average	Total Population
Allina Health - Shoreview	53	11.3%	5.3%	22.6%	Average	Total Population
HealthPartners - Maplewood	45	11.1%	4.8%	23.5%	Average	Total Population
Fairview EdenCenter Clinic	64	10.9%	5.4%	20.9%	Average	Total Population
Allina Health - Buffalo	138	10.9%	6.7%	17.2%	Above	Total Population
Park Nicollet Clinic - Carlson	46	10.9%	4.7%	23.0%	Average	Total Population
Fairview North Branch Clinic	94	10.6%	5.9%	18.5%	Above	Total Population
Allina Health - Northfield	115	10.4%	6.1%	17.4%	Above	Total Population
Allina Health - Cambridge	269	10.4%	7.3%	14.6%	Above	Total Population
Allina Health - Eagan	68	10.3%	5.1%	19.8%	Average	Total Population
Fairview Burnsville Clinic	60	10.0%	4.7%	20.2%	Average	Total Population
Fairview Chisago Lakes Clinic	50	10.0%	4.4%	21.4%	Average	Total Population
HealthPartners - White Bear Lake	30	10.0%	3.5%	25.6%	Average	Total Population
Mankato Clinic - Daniel's Health Center	30	10.0%	3.5%	25.6%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	30	10.0%	3.5%	25.6%	Average	Total Population
Park Nicollet Clinic - Minneapolis	41	9.8%	3.9%	22.6%	Average	Total Population
Entira Family Clinics - Woodbury	41	9.8%	3.9%	22.6%	Average	Total Population
Allina Health - Burnsville (Quello)	41	9.8%	3.9%	22.6%	Average	Total Population
Fairview Rosemount Clinic	31	9.7%	3.4%	24.9%	Average	Total Population
Fairview Columbia Heights Clinic	126	9.5%	5.5%	15.9%	Average	Total Population
Fairview Bass Lake Clinic	42	9.5%	3.8%	22.1%	Average	Total Population
Entira Family Clinics - Inver Grove Heights	32	9.4%	3.2%	24.2%	Average	Total Population
○Mankato Clinic - Department of Psychiatry & Psychology	87	9.2%	4.7%	17.1%	Average	Total Population
Allina Health - Brooklyn Park	55	9.1%	4.0%	19.6%	Average	Total Population
Fairview Hugo Clinic	33	9.1%	3.1%	23.6%	Average	Total Population
Entira Family Clinics - Vadnais Heights	45	8.9%	3.5%	20.7%	Average	Total Population
FirstLight Health System - Pine City	34	8.8%	3.1%	23.0%	Average	Total Population
Essentia Health - West Duluth Clinic	46	8.7%	3.4%	20.3%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	117	8.6%	4.7%	15.0%	Average	Total Population

**Table 28: Depression Remission at Six Months by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (● = Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	22,195	5.5%	5.2%	5.9%		
Essentia Health Fosston	47	8.5%	3.4%	19.9%	Average	Total Population
Allina Health - Coon Rapids	351	8.3%	5.8%	11.6%	Above	Total Population
Allina Health - Champlin	61	8.2%	3.6%	17.8%	Average	Total Population
Boynton Health Service	61	8.2%	3.6%	17.8%	Average	Total Population
Essentia Health - Virginia Clinic	49	8.2%	3.2%	19.2%	Average	Total Population
○ Zumbro Valley Health Center - Behavioral Health	62	8.1%	3.5%	17.5%	Average	Total Population
Allina Health - Cottage Grove	150	8.0%	4.6%	13.5%	Average	Total Population
Allina Health - Richfield	75	8.0%	3.7%	16.4%	Average	Total Population
HealthPartners - Bloomington	64	7.8%	3.4%	17.0%	Average	Total Population
○ HealthPartners - Regions BH St Paul	64	7.8%	3.4%	17.0%	Average	Total Population
Allina Health - Maplewood (Aspen)	90	7.8%	3.8%	15.2%	Average	Total Population
Fairview New Brighton Clinic	91	7.7%	3.8%	15.0%	Average	Total Population
○ Park Nicollet Clinic - St. Louis Park Psychiatry	318	7.6%	5.1%	11.0%	Average	Total Population
Park Nicollet Clinic - Maple Grove	40	7.5%	2.6%	19.9%	Average	Total Population
Fairview Bloomington Lake Minneapolis	40	7.5%	2.6%	19.9%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	40	7.5%	2.6%	19.9%	Average	Total Population
Essentia Health - International Falls Clinic	67	7.5%	3.2%	16.3%	Average	Total Population
West Side Community Health Services - La Clinica	54	7.4%	2.9%	17.6%	Average	Total Population
Park Nicollet Clinic - Burnsville	82	7.3%	3.4%	15.1%	Average	Total Population
Native American Community Clinic	192	7.3%	4.4%	11.9%	Average	Total Population
Mayo Clinic Health System Mankato Eastridge	124	7.3%	3.9%	13.2%	Average	Total Population
Mankato Clinic - Main Street	97	7.2%	3.5%	14.2%	Average	Total Population
Fairview Hiawatha Clinic	87	6.9%	3.2%	14.2%	Average	Total Population
Entira Family Clinics - East Side	102	6.9%	3.4%	13.5%	Average	Total Population
○ HealthPartners - Riverside Behav. Hlth	44	6.8%	2.4%	18.2%	Average	Total Population
Mayo Clinic Health System Fairmont	89	6.7%	3.1%	13.9%	Average	Total Population
CentraCare Family Health Center	89	6.7%	3.1%	13.9%	Average	Total Population
○ HealthPartners - West Behav. Hlth	46	6.5%	2.2%	17.5%	Average	Total Population
Fairview Lakeville Clinic	46	6.5%	2.2%	17.5%	Average	Total Population
Sanford Thief River Falls Clinic	62	6.5%	2.5%	15.5%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	62	6.5%	2.5%	15.5%	Average	Total Population
North Memorial Clinic - Rockford Road	31	6.5%	1.8%	20.7%	Average	Total Population
Raiter Clinic-IHN	31	6.5%	1.8%	20.7%	Average	Total Population
HealthPartners - Como	63	6.4%	2.5%	15.2%	Average	Total Population
Fairview Eagan Clinic	48	6.3%	2.2%	16.8%	Average	Total Population
Allina Health - Fridley	48	6.3%	2.2%	16.8%	Average	Total Population
CentraCare Health - Melrose	32	6.3%	1.7%	20.2%	Average	Total Population
CentraCare Health Plaza-Internal Medicine	32	6.3%	1.7%	20.2%	Average	Total Population
Allina Health - Plymouth	49	6.1%	2.1%	16.5%	Average	Total Population
Fairview Uptown Clinic	66	6.1%	2.4%	14.6%	Average	Total Population
Northwest Family Physicians - Crystal	116	6.0%	3.0%	11.9%	Average	Total Population
Allina Health - Shakopee	100	6.0%	2.8%	12.5%	Average	Total Population
Allina Health - Bandana Square (Aspen)	100	6.0%	2.8%	12.5%	Average	Total Population
Essentia Health - Lakeside Clinic	50	6.0%	2.1%	16.2%	Average	Total Population
Fairview Prior Lake Clinic	34	5.9%	1.6%	19.1%	Average	Total Population
HealthPartners - Woodbury	52	5.8%	2.0%	15.6%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	157	5.7%	3.0%	10.5%	Average	Total Population
Mayo Clinic Health System Owatonna	193	5.7%	3.2%	9.9%	Average	Total Population
Fairview Oxboro Clinic	72	5.6%	2.2%	13.4%	Average	Total Population
CentraCare Clinic - Becker	36	5.6%	1.5%	18.1%	Average	Total Population

**Table 28: Depression Remission at Six Months by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (● =Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	22,195	5.5%	5.2%	5.9%		
Allina Health - Bloomington (Aspen)	56	5.4%	1.8%	14.6%	Average	Total Population
Fairview Lakes Medical Center	132	5.3%	2.6%	10.5%	Average	Total Population
○Family Life Center	132	5.3%	2.6%	10.5%	Average	Total Population
Mayo Clinic Health System Albert Lea	116	5.2%	2.4%	10.8%	Average	Total Population
HealthPartners Central Minnesota Clinics	156	5.1%	2.6%	9.8%	Average	Total Population
CentraCare Health- Long Prairie	39	5.1%	1.4%	16.9%	Average	Total Population
FirstLight Health System - Mora	79	5.1%	2.0%	12.3%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	277	5.1%	3.0%	8.3%	Average	Total Population
Duluth Family Medicine Clinic (formerly Duluth Family Pract. Ctr.)	99	5.1%	2.2%	11.3%	Average	Total Population
Essentia Health - Duluth Clinic 1st St.	120	5.0%	2.3%	10.5%	Average	Total Population
Fairview Apple Valley Clinic	100	5.0%	2.2%	11.2%	Average	Total Population
Allina Health - Faribault	121	5.0%	2.3%	10.4%	Average	Total Population
Park Nicollet Clinic - Shakopee	101	5.0%	2.1%	11.1%	Average	Total Population
○Western Mental Health Center, Inc.	61	4.9%	1.7%	13.5%	Average	Total Population
○HealthPartners - Regions BH Maplewood	62	4.8%	1.7%	13.3%	Average	Total Population
Essentia Health - Duluth Clinic	42	4.8%	1.3%	15.8%	Average	Total Population
Olmsted Medical Center - Rochester Northwest	42	4.8%	1.3%	15.8%	Average	Total Population
Mayo Clinic Health System St. Peter	42	4.8%	1.3%	15.8%	Average	Total Population
Zumbro Valley Health Center - Family Medicine	42	4.8%	1.3%	15.8%	Average	Total Population
University of Minnesota Physicians - Bethesda Family Med. Clinic	169	4.7%	2.4%	9.1%	Average	Total Population
Family Practice Medical Center of Willmar	64	4.7%	1.6%	12.9%	Average	Total Population
Fairview Crosstown Clinic	44	4.6%	1.3%	15.1%	Average	Total Population
Fairview Brooklyn Park Clinic	137	4.4%	2.0%	9.2%	Average	Total Population
HealthPartners - Coon Rapids	70	4.3%	1.5%	11.9%	Average	Total Population
Mankato Clinic - Wickersham Campus	70	4.3%	1.5%	11.9%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	47	4.3%	1.2%	14.3%	Average	Total Population
○Allina Health Specialties - Allina Mental Health Mpls. Abbott	47	4.3%	1.2%	14.3%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	72	4.2%	1.4%	11.6%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	194	4.1%	2.1%	7.9%	Average	Total Population
○St. Cloud Hospital - Behavioral Health Clinic	195	4.1%	2.1%	7.9%	Average	Total Population
○University of Minnesota Health - Psychiatry Clinic	98	4.1%	1.6%	10.0%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	125	4.0%	1.7%	9.0%	Average	Total Population
○HealthPartners - Regions BH Woodbury	50	4.0%	1.1%	13.5%	Average	Total Population
Multicare Associates - Blaine Medical Center	50	4.0%	1.1%	13.5%	Average	Total Population
○HealthPartners - Inver Grove Behav Hlth	51	3.9%	1.1%	13.2%	Average	Total Population
Entira Family Clinics - North St. Paul	51	3.9%	1.1%	13.2%	Average	Total Population
CentraCare Health Plaza-Family Medicine	103	3.9%	1.5%	9.6%	Average	Total Population
Fairview Fridley Clinic	104	3.9%	1.5%	9.5%	Average	Total Population
Mayo Clinic Health System Mankato Northridge	78	3.9%	1.3%	10.7%	Average	Total Population
Fairview Princeton Clinic	131	3.8%	1.6%	8.6%	Average	Total Population
St. Cloud Medical Group - NW- IHN	79	3.8%	1.3%	10.6%	Average	Total Population
HealthEast Roseville Clinic	53	3.8%	1.0%	12.8%	Average	Total Population
○Minnesota Mental Health Clinics - Eagan Clinic	269	3.7%	2.0%	6.7%	Average	Total Population
Fairview Lino Lakes Clinic	54	3.7%	1.0%	12.5%	Average	Total Population
Fairview Riverside Primary Care Clinic	82	3.7%	1.3%	10.2%	Average	Total Population
○South Central Human Relations Center	85	3.5%	1.2%	9.9%	Average	Total Population
NorthPoint Health & Wellness Center	353	3.4%	2.0%	5.9%	Average	Total Population
Range Regional Health Services dba Fairview Mesaba Clinic Hibbing	59	3.4%	0.9%	11.5%	Average	Total Population
Essentia Health - Moorhead	30	3.3%	0.6%	16.7%	Average	Total Population
Woodland Centers - Willmar	61	3.3%	0.9%	11.2%	Average	Total Population

**Table 28: Depression Remission at Six Months by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (●=Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	22,195	5.5%	5.2%	5.9%		
Fairview Pine City Clinic	31	3.2%	0.6%	16.2%	Average	Total Population
Mayo Clinic Health System Le Sueur	31	3.2%	0.6%	16.2%	Average	Total Population
United Hospital District Clinic	31	3.2%	0.6%	16.2%	Average	Total Population
West Side Community Health Services-McDonough Homes Clinic	31	3.2%	0.6%	16.2%	Average	Total Population
HealthEast Rice Street Clinic	63	3.2%	0.9%	10.9%	Average	Total Population
Multicare Associates - Fridley Medical Center	63	3.2%	0.9%	10.9%	Average	Total Population
○ Mental Health Outreach Clinic	32	3.1%	0.6%	15.7%	Average	Total Population
○ Associated Clinic of Psychology-Minneapolis	260	3.1%	1.6%	6.0%	Average	Total Population
United Family Medicine	198	3.0%	1.4%	6.5%	Average	Total Population
Hamm Clinic	33	3.0%	0.5%	15.3%	Average	Total Population
○ Minnesota Mental Health Clinics- Woodbury Clinic	33	3.0%	0.5%	15.3%	Average	Total Population
Allina Health - Woodbury	100	3.0%	1.0%	8.5%	Average	Total Population
○ Ramsey County Mental Health Center	102	2.9%	1.0%	8.3%	Average	Total Population
HealthPartners - Hlth. Ctr. for Women	34	2.9%	0.5%	14.9%	Average	Total Population
HealthPartners - Elk River	34	2.9%	0.5%	14.9%	Average	Total Population
Allina Health - Elk River	34	2.9%	0.5%	14.9%	Average	Total Population
Mayo Clinic Health System Red Wing	71	2.8%	0.8%	9.7%	Average	Total Population
St. Cloud Medical Group - South - IHN	71	2.8%	0.8%	9.7%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	36	2.8%	0.5%	14.2%	Average	Total Population
Lake Superior Community Health Center - Duluth	74	2.7%	0.7%	9.3%	Average	Total Population
Sanford Bemidji Main Clinic Family Medicine	76	2.6%	0.7%	9.1%	Average	Total Population
CentraCare Clinic - Northway	78	2.6%	0.7%	8.9%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	39	2.6%	0.5%	13.2%	Average	Total Population
○ Allina Health Specialties - Allina Mental Health United	39	2.6%	0.5%	13.2%	Average	Total Population
Allina Health - Nicollet Mall	39	2.6%	0.5%	13.2%	Average	Total Population
Mayo Clinic Health System Austin	81	2.5%	0.7%	8.6%	Average	Total Population
University of Minnesota Health - Smiley's Family Medicine Clinic	123	2.4%	0.8%	6.9%	Average	Total Population
Fairview Riverside	41	2.4%	0.4%	12.6%	Average	Total Population
Mayo Clinic Health System Lake Crystal	41	2.4%	0.4%	12.6%	Average	Total Population
Allina Health - Farmington	41	2.4%	0.4%	12.6%	Average	Total Population
Open Door Health Center	42	2.4%	0.4%	12.3%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	171	2.3%	0.9%	5.9%	Average	Total Population
Allina Health - Blaine	44	2.3%	0.4%	11.8%	Average	Total Population
HealthEast Grand Avenue Clinic	45	2.2%	0.4%	11.6%	Average	Total Population
○ Associated Clinic of Psychology-West St. Paul	140	2.1%	0.7%	6.1%	Average	Total Population
HealthPartners - Riverside	47	2.1%	0.4%	11.1%	Average	Total Population
Fairview Highland Park Clinic	49	2.0%	0.4%	10.7%	Average	Total Population
Allina Health - Nininger Road	49	2.0%	0.4%	10.7%	Average	Total Population
○ Associated Clinic of Psychology-Brooklyn Center	51	2.0%	0.4%	10.3%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	57	1.8%	0.3%	9.3%	Average	Total Population
HealthPartners - Anoka	58	1.7%	0.3%	9.1%	Average	Total Population
HealthPartners - Brooklyn Center	60	1.7%	0.3%	8.9%	Average	Total Population
HealthEast Roselawn Clinic	60	1.7%	0.3%	8.9%	Average	Total Population
Mayo Clinic - Speciality Practice	61	1.6%	0.3%	8.7%	Average	Total Population
Affiliated Community Medical Centers- Marshall Clinic	63	1.6%	0.3%	8.5%	Average	Total Population
○ Associated Clinic of Psychology-Apple Valley	63	1.6%	0.3%	8.5%	Average	Total Population
Allina Health - Uptown	65	1.5%	0.3%	8.2%	Average	Total Population
University of Minnesota Physicians - Broadway Family Med. Clinic	135	1.5%	0.4%	5.2%	Below	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	75	1.3%	0.2%	7.2%	Average	Total Population
HealthPartners - St. Paul	105	1.0%	0.2%	5.2%	Below	Total Population

**Table 28: Depression Remission at Six Months by Clinic - *continued***

(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (● = Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Statewide Average</b>	<b>22,195</b>	<b>5.5%</b>	<b>5.2%</b>	<b>5.9%</b>		
Grand Itasca Clinic	209	0.5%	0.1%	2.7%	Below	Total Population
HealthPartners - West	36	0.0%	0.0%	9.6%	Average	Total Population
Fairview Rush City Clinic	47	0.0%	0.0%	7.6%	Average	Total Population
Fairview Bloomington Lake Xerxes	45	0.0%	0.0%	7.9%	Average	Total Population
Entira Family Clinics - Maplewood/Battle Creek	52	0.0%	0.0%	6.9%	Average	Total Population
Entira Family Clinics - Como/Roseville	49	0.0%	0.0%	7.3%	Average	Total Population
HealthEast Oakdale	36	0.0%	0.0%	9.6%	Average	Total Population
HealthEast Woodbury Clinic	41	0.0%	0.0%	8.6%	Average	Total Population
Sanford Health Detroit Lakes Clinic	51	0.0%	0.0%	7.0%	Average	Total Population
Sanford Bemidji 1611 Anne St Clinic	32	0.0%	0.0%	10.7%	Average	Total Population
North Clinic - Oakdale Office in Robbinsdale	65	0.0%	0.0%	5.6%	Average	Total Population
University of Minnesota Health - Primary Care Center	31	0.0%	0.0%	11.0%	Average	Total Population
University of Minnesota Physicians-Phalen Village Family Med. Clinic	123	0.0%	0.0%	3.0%	Below	Total Population
Winona Health - Winona Clinic	69	0.0%	0.0%	5.3%	Below	Total Population
Mayo Clinic Health System Cannon Falls	30	0.0%	0.0%	11.4%	Average	Total Population
Mayo Clinic Health System Waseca	42	0.0%	0.0%	8.4%	Average	Total Population
Buffalo Clinic-Monticello: IHN	38	0.0%	0.0%	9.2%	Average	Total Population
Buffalo Clinic-IHN	44	0.0%	0.0%	8.0%	Average	Total Population
St. Luke's Clinics-Denfeld	36	0.0%	0.0%	9.6%	Average	Total Population
Apple Valley Medical Clinic - Family Practice	45	0.0%	0.0%	7.9%	Average	Total Population
○Avera Marshall Psychiatry Associates	42	0.0%	0.0%	8.4%	Average	Total Population
○Southwestern Mental Health Center Avera - Worthington	57	0.0%	0.0%	6.3%	Average	Total Population
Stevens Community Medical Center	32	0.0%	0.0%	10.7%	Average	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	64	0.0%	0.0%	5.7%	Average	Total Population
○Allina Health Specialties - Allina Mental Health Unity	88	0.0%	0.0%	4.2%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics-Brooklyn Ctr. Clinic	35	0.0%	0.0%	9.9%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics-East Lake Clinic	69	0.0%	0.0%	5.3%	Below	Total Population
Hennepin County Medical Ctr. (HCMC) Clinics-Downtown Med. Clinic	59	0.0%	0.0%	6.1%	Average	Total Population
Gateway Family Health Clinic - Moose Lake	38	0.0%	0.0%	9.2%	Average	Total Population
Gateway Family Health Clinic - Sandstone	44	0.0%	0.0%	8.0%	Average	Total Population
○Hutchinson Health - Mental Health Clinic	62	0.0%	0.0%	5.8%	Average	Total Population
Hutchinson Health - Hutchinson Clinic	78	0.0%	0.0%	4.7%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	50	0.0%	0.0%	7.1%	Average	Total Population
Community-University Health Care Center	33	0.0%	0.0%	10.4%	Average	Total Population
West Side Community Health Services - East Side Family Clinic	43	0.0%	0.0%	8.2%	Average	Total Population
Southside Medical Clinic	35	0.0%	0.0%	9.9%	Average	Total Population
○BHSI- Golden Valley	35	0.0%	0.0%	9.9%	Average	Total Population
○Lakeland Mental Health Center - Fergus Falls	45	0.0%	0.0%	7.9%	Average	Total Population
○Lakeland Mental Health Center - Alexandria	38	0.0%	0.0%	9.2%	Average	Total Population
○Lakeland Mental Health Center - Moorhead	108	0.0%	0.0%	3.4%	Below	Total Population
○Stark Mental Health Clinic	96	0.0%	0.0%	3.9%	Below	Total Population
○Midwest Center for Personal & FamilyDevelopment - Saint Paul	39	0.0%	0.0%	9.0%	Average	Total Population

**Table 29: Breast Cancer Screening by Medical Group**

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	18,832	64.9%	60.8%	62.2%		
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	38	81.6%	66.6%	90.8%	Above	Total Population
Mayo Clinic Health System - Lake City	31	80.7%	63.7%	90.8%	Average	Total Population
Mayo Clinic Health System - Fairmont	87	78.2%	68.4%	85.6%	Above	Total Population
HealthPartners Clinics	1,680	78.2%	76.1%	80.1%	Above	Total Population
Family Practice Medical Center of Willmar	44	77.3%	63.0%	87.2%	Average	Total Population
Tri-County Health Care	60	76.7%	64.6%	85.6%	Average	Total Population
Mayo Clinic Health System-Owatonna	140	76.4%	68.8%	82.7%	Above	Total Population
Mayo Clinic	251	76.1%	70.5%	81.0%	Above	Total Population
Alexandria Clinic	83	75.9%	65.7%	83.8%	Above	Total Population
Chippewa County Montevideo Hospital and Medical Clinic	31	74.2%	56.8%	86.3%	Average	Total Population
Olmsted Medical Center	187	73.8%	67.1%	79.6%	Above	Total Population
Stillwater Medical Group	110	72.7%	63.7%	80.2%	Average	Total Population
Affiliated Community Medical Centers	298	72.5%	67.2%	77.2%	Above	Total Population
Mayo Clinic Health System - Red Wing	100	72.0%	62.5%	79.9%	Average	Total Population
Allina Health Specialties	2,281	71.9%	70.1%	73.8%	Above	Total Population
Mayo Clinic Health System - Albert Lea and Austin	268	70.9%	65.2%	76.0%	Above	Total Population
Mayo Clinic Health System - Mankato	137	70.8%	62.7%	77.8%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	807	70.4%	67.1%	73.4%	Above	Total Population
Hutchinson Health	80	70.0%	59.2%	78.9%	Average	Total Population
Sanford Health - Sioux Falls Region	170	69.4%	62.1%	75.9%	Average	Total Population
Mankato Clinic, Ltd.	159	69.2%	61.6%	75.8%	Average	Total Population
Community University Health Care Center	121	67.8%	59.0%	75.4%	Average	Total Population
Buffalo Clinic, PA - IHN	129	67.4%	59.0%	74.9%	Average	Total Population
Fairview Mesaba Clinics	107	67.3%	57.9%	75.5%	Average	Total Population
Sanford Health - Fargo Region	608	66.8%	62.9%	70.4%	Average	Total Population
Fairview Medical Group	1,378	66.4%	63.9%	68.9%	Average	Total Population
HealthEast Clinics	660	65.9%	62.2%	69.4%	Average	Total Population
Essentia Health - West	122	65.6%	56.8%	73.4%	Average	Total Population
Essentia Health - Central Region	302	65.6%	60.0%	70.7%	Average	Total Population
FirstLight Health System	58	65.5%	52.7%	76.4%	Average	Total Population
North Clinic	142	65.5%	57.4%	72.8%	Average	Total Population
CentraCare Health	303	65.4%	59.8%	70.5%	Average	Total Population
Lakeview Clinic	72	65.3%	53.8%	75.3%	Average	Total Population
NorthPoint Health & Wellness Center	184	64.7%	57.5%	71.2%	Average	Total Population
Park Nicollet Health Services	1,042	64.6%	61.6%	67.4%	Average	Total Population
Northwest Family Physicians	76	64.5%	53.3%	74.3%	Average	Total Population

**Table 29: Breast Cancer Screening by Medical Group - *continued***

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>18,832</b>	<b>64.9%</b>	<b>60.8%</b>	<b>62.2%</b>		
Grand Itasca Clinic	101	64.4%	54.7%	73.0%	Average	Total Population
Essentia Health - East Region	590	64.1%	60.1%	67.8%	Average	Total Population
Cuyuna Regional Medical Center	99	63.6%	53.8%	72.4%	Average	Total Population
Avera Medical Grp- McGreevy, United Med, Ctr., Worthington	65	63.1%	50.9%	73.8%	Average	Total Population
Multicare Associates	154	63.0%	55.1%	70.2%	Average	Total Population
Open Cities Health Center	124	62.9%	54.1%	70.9%	Average	Total Population
Scenic Rivers Health Services	43	62.8%	47.9%	75.6%	Average	Total Population
Glenwood Medical Center	45	62.2%	47.6%	74.9%	Average	Total Population
Mille Lacs Health System	41	61.0%	45.7%	74.3%	Average	Total Population
North Memorial	312	60.6%	55.1%	65.8%	Average	Total Population
Unity Family Healthcare - Avon	73	60.3%	48.8%	70.7%	Average	Total Population
Essentia Health - St. Mary's	105	60.0%	50.4%	68.9%	Average	Total Population
Essentia Health - Fosston	30	60.0%	42.3%	75.4%	Average	Total Population
Neighborhood Healthsource	59	59.3%	46.6%	70.9%	Average	Total Population
CentraCare Family Health Center	49	59.2%	45.3%	71.8%	Average	Total Population
United Family Medicine	175	58.9%	51.5%	65.9%	Average	Total Population
West Side Community Health Services	286	58.4%	52.6%	64.0%	Below	Total Population
Duluth Family Medicine Clinic (Duluth Family Practice Center)	45	57.8%	43.3%	71.0%	Average	Total Population
Lakewood Health System	84	57.1%	46.5%	67.2%	Average	Total Population
Raiter Clinic, LTD - IHN	91	55.0%	44.7%	64.8%	Below	Total Population
Gateway Family Health Clinic	75	54.7%	43.5%	65.4%	Average	Total Population
New Hope Crystal Medical Clinic	30	53.3%	36.1%	69.8%	Average	Total Population
Ridgeview Clinics	86	52.3%	41.9%	62.6%	Below	Total Population
Winona Health Services	60	51.7%	39.3%	63.8%	Below	Total Population
University of Minnesota Physicians	610	51.5%	47.5%	55.4%	Below	Total Population
St. Luke's Clinics	279	50.9%	45.1%	56.7%	Below	Total Population
Life Medical	30	50.0%	33.2%	66.9%	Average	Total Population
Entira Family Clinics (formerly Family Health Services MN)	345	49.6%	44.3%	54.8%	Below	Total Population
Apple Valley Medical Clinic	65	49.2%	37.5%	61.1%	Below	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	96	47.9%	38.2%	57.8%	Below	Total Population
Altru Health System	86	47.7%	37.5%	58.1%	Below	Total Population
Lake Region Healthcare	121	47.1%	38.4%	56.0%	Below	Total Population
Cedar Riverside People's Center	197	30.0%	24.0%	36.7%	Below	Total Population
Dr. Bobby K. Yang Medical Clinic	47	27.7%	16.9%	41.8%	Below	Total Population
Advanced Medical Clinic	94	26.6%	18.7%	36.3%	Below	Total Population
St. Paul Family Medical Center	83	19.3%	12.2%	29.0%	Below	Total Population

**Table 30: Childhood Immunization Status (Combo 3) by Medical Group**

(Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name # = Pediatric/Adolescent	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
<b>Medical Group Average</b>	<b>3,709</b>	<b>71.5%</b>	<b>70.1%</b>	<b>73.0%</b>		
Avera Med. Group- McGreevy, United Medical Ctr., Worthington	69	82.3%	71.7%	89.6%	Above	Sample
Mayo Clinic	107	81.0%	72.6%	87.3%	Above	Sample
Affiliated Community Medical Centers	86	80.6%	71.0%	87.6%	Average	Sample
Mayo Clinic Health System - Albert Lea and Austin	87	80.2%	70.6%	87.2%	Average	Sample
HealthEast Clinics	65	80.2%	68.9%	88.1%	Average	Sample
Sanford Health - Sioux Falls Region	72	80.1%	69.5%	87.7%	Average	Sample
Essentia Health - West	64	78.8%	67.3%	87.1%	Average	Sample
Mayo Clinic Health System - Mankato	88	78.4%	68.7%	85.7%	Average	Sample
Allina Health Specialties	162	78.0%	71.0%	83.7%	Average	Sample
Grand Itasca Clinic	85	77.7%	67.7%	85.2%	Average	Sample
Essentia Health - Central Region	64	77.6%	66.0%	86.1%	Average	Sample
Mayo Clinic Health System-Owatonna	82	76.6%	66.4%	84.4%	Average	Sample
Essentia Health - East Region	82	76.0%	65.7%	84.0%	Average	Sample
Mankato Clinic, Ltd.	76	75.4%	64.7%	83.7%	Average	Sample
Hennepin County Medical Center (HCMC) Clinics	77	74.9%	64.2%	83.2%	Average	Sample
# Fridley Children's & Teenagers' Medical Center	98	74.8%	65.3%	82.3%	Average	Sample
HealthPartners Clinics	277	74.5%	69.0%	79.3%	Average	Sample
Entira Family Clinics (formerly Family Health Services MN)	77	74.0%	63.2%	82.5%	Average	Sample
Buffalo Clinic, PA - IHN	72	74.0%	62.8%	82.7%	Average	Sample
Fairview Medical Group	90	73.5%	63.5%	81.5%	Average	Sample
# Children's Health Care	66	73.0%	61.3%	82.2%	Average	Sample
United Family Medicine	89	72.0%	61.9%	80.3%	Average	Sample
Olmsted Medical Center	96	67.4%	57.5%	76.0%	Average	Sample
Sanford Health - Fargo Region	162	66.2%	58.6%	73.0%	Average	Sample
NorthPoint Health & Wellness Center	70	65.8%	54.1%	75.8%	Average	Sample
Park Nicollet Health Services	128	65.4%	56.9%	73.1%	Average	Sample
CentraCare Health	62	62.5%	50.1%	73.5%	Average	Sample
West Side Community Health Services	95	58.7%	48.7%	68.1%	Below	Sample
# Southdale Pediatric Associates, Ltd	81	57.8%	47.0%	68.0%	Below	Sample
St. Luke's Clinics	73	56.6%	45.2%	67.4%	Below	Sample
University of Minnesota Physicians	78	53.6%	42.6%	64.2%	Below	Sample
# Children's Clinic Network	69	49.9%	38.5%	61.4%	Below	Sample

Please see the next page.

## Appendix 4: Medical Group Performance over Time (Three Years)

### Medical Group Performance over Time (Three Years)

As previously noted, the analysis of medical group performance over the past three years was done to determine patterns of medical group performance per measure over time. The reporting years of 2013, 2014 and 2015 were reviewed.

Our analysis looked for patterns in rate changes over these reporting years. Only medical groups with rates for all three years per measure were included. The time period of three reporting years was chosen to allow as many medical groups as possible to have the opportunity to be included in the analysis. The percent and number of medical groups were reported for each of the following patterns of rate changes over the past three years for each measure:

- High performance and above average rates: Medical groups with a rate and confidence interval greater than the statewide MHCP average for each of the three years.
- Consistently improved: Medical groups with more than a two percentage point increase between each consecutive year.
- Relatively stable: Medical groups that had no more than a two percentage point increase or decrease between each consecutive year (-2 percent to +2 percent).
- Consistently declined: Medical groups with more than a two percentage point decrease between each consecutive year.
- Variable performance (with an improvement or with a decline): Medical groups with an up/down pattern that was not consistent and did not fall into one of the other categories.

The performance for each medical group was analyzed using a pair-wise comparison between the first and last year. Statistical significance was designated at a p-value of less than 0.05. Statistical analysis was conducted using a general linear regression model with SASv9.4 (SAS Institute, Cary, NC) for each medical group. Statistical significance was designated at a p-value of less than 0.05.

\* p-trend < 0.05

**Table 31: Appropriate Testing for Children with Pharyngitis – Rate Changes for Reporting Years 2013 to 2015**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Mayo Clinic	76.2%	82.3%	87.0%	6.1%	4.8%	10.9%	Consistently Improved
Essentia Health - West	75.8%	79.1%	86.5%	3.3%	7.4%	10.7%	Consistently Improved
South Lake Pediatrics	94.2%	94.9%	100.0%	0.7%	5.1%	5.8%	Variable Improvement
Target Clinic	97.6%	95.1%	99.0%	-2.5%	3.9%	1.4%	Variable Improvement
Family Practice Medical Center of Willmar	97.9%	92.1%	98.0%	-5.8%	5.9%	0.1%	Variable Improvement
Mankato Clinic, Ltd.	88.4%	86.8%	96.9%	-1.5%	10.1%	8.5%	Variable Improvement
Children's Clinic Network	93.6%	93.3%	96.5%	-0.2%	3.1%	2.9%	Variable Improvement
Grand Itasca Clinic	91.7%	91.3%	96.2%	-0.4%	4.9%	4.4%	Variable Improvement
FirstLight Health System	95.5%	93.2%	95.2%	-2.2%	1.9%	-0.3%	Variable Improvement
Seven Day Clinic	90.5%	86.1%	95.0%	-4.4%	8.9%	4.5%	Variable Improvement
Fairview Medical Group	95.4%	92.8%	94.1%	-2.6%	1.3%	-1.2%	Variable Improvement
Buffalo Clinic, PA - IHN	86.0%	91.7%	93.0%	5.7%	1.3%	7.0%	Variable Improvement
Winona Health Services	89.9%	96.0%	92.2%	6.1%	-3.8%	2.3%	Variable Improvement
University of Minnesota Physicians	92.0%	87.3%	91.7%	-4.7%	4.4%	-0.3%	Variable Improvement
Olmsted Medical Center	87.8%	86.5%	90.5%	-1.2%	3.9%	2.7%	Variable Improvement
Riverwood Healthcare Center	49.2%	87.9%	87.1%	38.7%	-0.8%	37.9%	Variable Improvement
Alexandria Clinic	83.5%	75.8%	84.9%	-7.7%	9.0%	1.3%	Variable Improvement
Essentia Health - St. Mary's	70.0%	57.8%	83.6%	-12.3%	25.9%	13.6%	Variable Improvement
Affiliated Community Medical Centers	79.9%	75.1%	81.0%	-4.8%	5.9%	1.1%	Variable Improvement
Essentia Health - East Region	75.4%	73.8%	79.8%	-1.6%	6.0%	4.5%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	72.1%	62.1%	77.0%	-10.0%	14.9%	4.9%	Variable Improvement
Sanford Health - Sioux Falls Region	71.8%	71.1%	76.0%	-0.7%	4.8%	4.1%	Variable Improvement
Avera Medical Group - Pipestone	50.0%	64.2%	56.6%	14.2%	-7.6%	6.6%	Variable Improvement
Avera Med. Grp- McGreevy Cl, United Med. Ctr., Worthington Sply Cl	44.3%	44.7%	52.3%	0.5%	7.5%	8.0%	Variable Improvement
RiverView Health	22.2%	53.3%	47.6%	31.1%	-5.7%	25.4%	Variable Improvement
Pediatric and Adolescent Services	99.6%	99.3%	99.7%	-0.3%	0.4%	0.1%	Relatively Stable
MinuteClinic	99.6%	99.4%	98.8%	-0.3%	-0.5%	-0.8%	Relatively Stable
Express Healthcare	98.8%	98.7%	98.7%	-0.1%	0.0%	-0.1%	Relatively Stable
Children's Health Care	97.7%	97.8%	98.6%	0.1%	0.8%	0.9%	Relatively Stable
HealthPartners Clinics	96.2%	96.5%	97.7%	0.3%	1.3%	1.6%	Relatively Stable
Pediatric & Young Adult Medicine	99.0%	98.8%	97.7%	-0.2%	-1.2%	-1.4%	Relatively Stable
Fridley Children's & Teenagers' Medical Center - CPN	98.7%	96.7%	97.1%	-2.0%	0.3%	-1.7%	Relatively Stable
Park Nicollet Health Services	93.9%	93.0%	94.1%	-0.9%	1.1%	0.2%	Relatively Stable

**Table 31: Appropriate Testing for Children with Pharyngitis – Rate Changes for Reporting Years 2013 to 2015 (continued)**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Unity Family Healthcare - Avon	80.7%	80.4%	80.5%	-0.2%	0.1%	-0.1%	Relatively Stable
Priority Pediatrics Urgent Care	100.0%	100.0%	97.9%	0.0%	-2.1%	-2.1%	Variable Decline
Ridgeview Clinics	97.5%	94.1%	94.9%	-3.4%	0.8%	-2.6%	Variable Decline
Suburban Emergency Associates	96.7%	88.0%	94.5%	-8.7%	6.5%	-2.2%	Variable Decline
Multicare Associates	98.9%	98.9%	93.2%	0.0%	-5.7%	-5.6%	Variable Decline
Emergency Physicians, P.A.	97.0%	93.8%	92.9%	-3.2%	-0.9%	-4.1%	Variable Decline
Entira Family Clinics (formerly Family Health Services MN)	94.2%	92.2%	91.5%	-2.0%	-0.8%	-2.7%	Variable Decline
Lakeview Clinic	96.8%	91.1%	91.3%	-5.7%	0.2%	-5.5%	Variable Decline
Allina Health Specialties	93.9%	90.3%	91.0%	-3.6%	0.7%	-2.9%	Variable Decline
St. Cloud Medical Group NW, So., Cold Spring, Clear Water-IHM	95.5%	94.5%	90.4%	-1.0%	-4.1%	-5.1%	Variable Decline
Mayo Clinic Health System - Albert Lea and Austin	94.6%	88.2%	90.1%	-6.4%	2.0%	-4.4%	Variable Decline
HealthEast Clinics	93.0%	89.8%	89.9%	-3.2%	0.1%	-3.1%	Variable Decline
Apple Valley Medical Clinic	94.0%	98.6%	89.6%	4.6%	-9.0%	-4.4%	Variable Decline
Mayo Clinic Health System - Red Wing	91.2%	96.4%	88.7%	5.3%	-7.7%	-2.5%	Variable Decline
St. Luke's Clinics	89.3%	91.9%	88.3%	2.6%	-3.7%	-1.1%	Variable Decline
Lakewood Health System	89.3%	80.0%	85.3%	-9.3%	5.3%	-4.1%	Variable Decline
CentraCare Health	88.3%	83.0%	85.0%	-5.3%	2.0%	-3.3%	Variable Decline
Mayo Clinic Health System-Owatonna	89.5%	88.8%	83.0%	-0.6%	-5.9%	-6.5%	Variable Decline
North Memorial	86.7%	82.3%	80.5%	-4.4%	-1.8%	-6.2%	Variable Decline
Mayo Clinic Health System - Mankato	85.9%	88.5%	79.5%	2.5%	-9.0%	-6.5%	Variable Decline
Essentia Health - Central Region	74.2%	82.5%	75.5%	8.3%	-7.0%	1.4%	Variable Decline
CentraCare Family Health Center	92.3%	93.6%	75.0%	1.2%	-18.6%	-17.3%	Variable Decline
Tri-County Health Care	69.9%	80.7%	68.8%	10.8%	-11.9%	-1.1%	Variable Decline
Cuyuna Regional Medical Center	77.8%	61.7%	67.4%	-16.1%	5.7%	-10.3%	Variable Decline
Fairview Mesaba Clinics	65.2%	74.3%	57.8%	9.1%	-16.5%	-7.4%	Variable Decline
Mayo Clinic Health System - Fairmont	53.1%	52.1%	33.8%	-1.0%	-18.3%	-19.3%	Variable Decline
Altru Health System	40.3%	49.4%	29.3%	9.2%	-20.1%	-11.0%	Variable Decline
Mayo Clinic Health System - New Prague	97.5%	89.7%	80.0%	-7.8%	-9.7%	-17.5%	Consistently Declined
Sanford Health - Fargo Region	79.5%	77.3%	73.8%	-2.2%	-3.5%	-5.6%	Consistently Declined
Mayo Clinic Health System - Waseca	84.0%	72.6%	69.2%	-11.5%	-3.3%	-14.8%	Consistently Declined

**Table 32: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2013 to 2015**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Fairview Mesaba Clinics	79.3%	82.0%	93.9%	2.75%	11.9%	14.7%	Consistently Improved
Ridgeview Clinics	82.0%	86.2%	92.3%	4.24%	6.1%	10.3%	Consistently Improved
Mankato Clinic, Ltd.	79.6%	83.8%	89.5%	4.19%	5.6%	9.8%	Consistently Improved
Essentia Health - St. Mary's	73.4%	81.3%	86.3%	7.85%	5.0%	12.9%	Consistently Improved
Altru Health System	65.9%	70.6%	76.0%	4.77%	5.4%	10.1%	Consistently Improved
United Family Medicine	93.6%	100.0%	100.0%	6.41%	0.0%	6.4%	Variable Improvement
Cedar Riverside People's Center	97.4%	100.0%	100.0%	2.56%	0.0%	2.6%	Variable Improvement
Gateway Family Health Clinic	95.9%	94.0%	100.0%	-1.87%	6.0%	4.1%	Variable Improvement
South Lake Pediatrics	97.4%	98.1%	100.0%	0.71%	1.9%	2.6%	Variable Improvement
Pediatric Services - Children's Physician Network	93.6%	91.2%	100.0%	-2.37%	8.8%	6.5%	Variable Improvement
Priority Pediatrics Urgent Care	98.5%	95.5%	100.0%	-3.06%	4.6%	1.5%	Variable Improvement
Express Healthcare	100.0%	95.6%	100.0%	-4.44%	4.4%	0.0%	Variable Improvement
Fridley Children's & Teenagers' Medical Center - CPN	95.9%	95.7%	98.9%	-0.23%	3.3%	3.0%	Variable Improvement
University of Minnesota Physicians	97.0%	95.8%	98.0%	-1.28%	2.2%	0.9%	Variable Improvement
Buffalo Clinic, PA - IHN	95.7%	94.6%	97.7%	-1.08%	3.1%	2.0%	Variable Improvement
Children's Clinic Network	98.7%	96.2%	97.7%	-2.50%	1.5%	-1.0%	Variable Improvement
HealthEast Clinics	94.1%	95.1%	97.5%	0.95%	2.4%	3.4%	Variable Improvement
Stillwater Medical Group	93.8%	91.2%	97.4%	-2.60%	6.3%	3.7%	Variable Improvement
Allina Health Specialties	97.2%	95.2%	97.3%	-1.97%	2.1%	0.1%	Variable Improvement
West Side Community Health Services	95.1%	97.3%	97.3%	2.22%	0.0%	2.2%	Variable Improvement
Mayo Clinic	93.9%	94.1%	97.0%	0.23%	2.9%	3.1%	Variable Improvement
Emergency Physicians, P.A.	95.2%	92.8%	96.5%	-2.39%	3.7%	1.3%	Variable Improvement
Southdale Pediatric Associates, Ltd	94.3%	97.2%	96.4%	2.93%	-0.8%	2.1%	Variable Improvement
Children's Health Care	95.0%	93.6%	96.3%	-1.41%	2.7%	1.3%	Variable Improvement
Park Nicollet Health Services	91.8%	94.6%	96.2%	2.79%	1.6%	4.4%	Variable Improvement
Suburban Emergency Associates	95.5%	91.7%	95.9%	-3.78%	4.2%	0.4%	Variable Improvement
North Memorial	94.4%	97.7%	94.6%	3.32%	-3.1%	0.2%	Variable Improvement
Essentia Health - East Region	90.2%	92.8%	94.5%	2.69%	1.7%	4.4%	Variable Improvement
North Clinic	81.3%	100.0%	94.3%	18.75%	-5.7%	13.0%	Variable Improvement
Mayo Clinic Health System-Franciscan Healthcare in La Crosse	92.9%	88.9%	94.1%	-3.97%	5.2%	1.3%	Variable Improvement
Mayo Clinic Health System - Mankato	88.3%	92.8%	93.1%	4.47%	0.4%	4.8%	Variable Improvement
Family Practice Medical Center of Willmar	90.3%	98.4%	93.0%	8.11%	-5.4%	2.7%	Variable Improvement
Entira Family Clinics (formerly Family Health Services MN)	88.5%	91.4%	92.4%	2.93%	1.0%	4.0%	Variable Improvement
CentraCare Family Health Center	90.7%	94.1%	91.8%	3.42%	-2.3%	1.1%	Variable Improvement
Mayo Clinic Health System - Albert Lea and Austin	90.6%	94.0%	90.6%	3.45%	-3.5%	0.0%	Variable Improvement
Glencoe Regional Health Services	82.1%	76.9%	90.4%	-5.13%	13.5%	8.3%	Variable Improvement
Riverwood Healthcare Center	80.3%	80.4%	90.2%	0.08%	9.8%	9.9%	Variable Improvement
Sanford Health - Fargo Region	87.6%	89.1%	89.9%	1.53%	0.8%	2.3%	Variable Improvement
St. Luke's Clinics	86.1%	89.6%	89.1%	3.53%	-0.5%	3.1%	Variable Improvement
St. Cloud Medical Group NW, So., Cold Spring, Clear Water-IHN	88.1%	92.1%	88.9%	4.01%	-3.2%	0.8%	Variable Improvement
Olmsted Medical Center	83.8%	83.7%	88.7%	-0.16%	5.0%	4.9%	Variable Improvement
RiverView Health	86.3%	79.0%	87.3%	-7.24%	8.3%	1.1%	Variable Improvement

**Table 32: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2013 to 2015 (continued)**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Grand Itasca Clinic	67.8%	96.1%	86.8%	28.3%	-9.3%	19.1%	Variable Improvement
Essentia Health - West	77.4%	85.0%	86.2%	7.6%	1.3%	8.9%	Variable Improvement
Lakewood Health System	81.9%	88.6%	85.0%	6.6%	-3.6%	3.0%	Variable Improvement
Mayo Clinic Health System - New Prague	74.5%	83.6%	84.9%	9.1%	1.2%	10.3%	Variable Improvement
Sanford Health - Sioux Falls Region	77.6%	78.3%	83.7%	0.7%	5.4%	6.1%	Variable Improvement
Tri-County Health Care	79.6%	81.7%	81.9%	2.1%	0.2%	2.3%	Variable Improvement
Mayo Clinic Health System - Fairmont	73.7%	86.3%	81.7%	12.6%	-4.5%	8.0%	Variable Improvement
Mayo Clinic Health System - Red Wing	80.7%	78.7%	81.4%	-2.0%	2.8%	0.7%	Variable Improvement
Mayo Clinic Health System - Lake City	74.3%	76.6%	75.6%	2.3%	-1.0%	1.3%	Variable Improvement
Wayzata Children's Clinic	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	Relatively Stable
Hennepin County Medical Center (HCMC) Clinics	97.7%	97.6%	98.9%	-0.1%	1.3%	1.2%	Relatively Stable
Neighborhood Healthsource	97.4%	98.6%	98.4%	1.2%	-0.2%	0.9%	Relatively Stable
MinuteClinic	99.1%	97.2%	97.9%	-1.9%	0.7%	-1.2%	Relatively Stable
HealthPartners Clinics	96.6%	96.1%	97.2%	-0.6%	1.2%	0.6%	Relatively Stable
FirstLight Health System	97.8%	98.6%	96.9%	0.8%	-1.7%	-0.9%	Relatively Stable
Central Pediatrics	94.6%	95.5%	95.7%	0.9%	0.2%	1.1%	Relatively Stable
CentraCare Health	94.5%	94.7%	94.0%	0.2%	-0.7%	-0.5%	Relatively Stable
Fairview Medical Group	94.4%	93.7%	93.8%	-0.8%	0.1%	-0.7%	Relatively Stable
Affiliated Community Medical Centers	92.5%	93.1%	92.9%	0.6%	-0.2%	0.4%	Relatively Stable
Essentia Health - Central Region	92.6%	92.4%	91.0%	-0.2%	-1.4%	-1.6%	Relatively Stable
Mayo Clinic Health System-Owatonna	88.6%	87.8%	89.2%	-0.8%	1.4%	0.6%	Relatively Stable
Lakeview Clinic	85.1%	85.2%	86.7%	0.1%	1.5%	1.6%	Relatively Stable
NorthPoint Health & Wellness Center	100.0%	100.0%	97.8%	0.0%	-2.3%	-2.3%	Variable Decline
All About Children Pediatrics - Children's Health Network	100.0%	100.0%	97.6%	0.0%	-2.4%	-2.4%	Variable Decline
Winona Health Services	96.4%	92.2%	94.3%	-4.2%	2.1%	-2.1%	Variable Decline
Pediatric & Young Adult Medicine	97.2%	91.8%	93.3%	-5.4%	1.5%	-3.9%	Variable Decline
Chippewa County Montevideo Hospital and Medical Clinic	96.5%	89.8%	90.2%	-6.7%	0.4%	-6.3%	Variable Decline
Mille Lacs Health System	90.9%	91.9%	89.8%	1.0%	-2.1%	-1.1%	Variable Decline
Alexandria Clinic	88.5%	59.1%	85.3%	-29.3%	26.2%	-3.2%	Variable Decline
Unity Family Healthcare - Avon	89.5%	90.0%	84.9%	0.5%	-5.1%	-4.6%	Variable Decline
Northwest Family Physicians	83.7%	89.3%	80.0%	5.6%	-9.3%	-3.7%	Variable Decline
Cuyuna Regional Medical Center	80.6%	75.3%	77.6%	-5.3%	2.3%	-2.9%	Variable Decline
Mayo Clinic Health System - Waseca	87.0%	92.1%	76.3%	5.1%	-15.8%	-10.7%	Variable Decline
Avera Med Grp- McGreevy Cl, United Med. Ctr., Worthington Spity Cl	84.4%	75.9%	74.1%	-8.5%	-1.9%	-10.4%	Variable Decline
United Hospital District Clinic	74.6%	82.0%	66.1%	7.4%	-15.9%	-8.5%	Variable Decline
Multicare Associates	94.7%	91.9%	89.6%	-2.8%	-2.3%	-5.1%	Consistently Declined
Target Clinic	98.9%	92.9%	88.8%	-6.1%	-4.1%	-10.2%	Consistently Declined
Avera Medical Group - Pipestone	82.9%	78.3%	72.1%	-4.6%	-6.2%	-10.8%	Consistently Declined
Apple Valley Medical Clinic	86.8%	76.2%	71.7%	-10.6%	-4.5%	-15.0%	Consistently Declined
Essentia Health - Fosston	68.1%	65.2%	58.8%	-2.9%	-6.4%	-9.3%	Consistently Declined

**Table 33: Colorectal Cancer Screening –  
Rate Changes for Reporting Years 2013 to 2015**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Lakewood Health System	65.5%	67.9%	72.3%	2.4%	4.4%	6.8%	Consistently Improved
Ortonville Area Health Svcs.-Northside Med. Clinic	44.6%	50.0%	58.3%	5.4%	8.3%	13.7%	Consistently Improved
Altru Health System	39.7%	49.5%	53.1%	9.8%	3.6%	13.4%	Consistently Improved
Riverwood Healthcare Center	44.3%	49.9%	52.9%	5.6%	3.0%	8.6%	Consistently Improved
University of Minnesota Physicians	34.7%	41.0%	52.0%	6.4%	10.9%	17.3%	Consistently Improved
Prairie Ridge Hospital & Health Services	13.0%	26.9%	47.5%	13.9%	20.6%	34.4%	Consistently Improved
Southside Community Health Services	29.3%	31.8%	34.0%	2.5%	2.2%	4.7%	Consistently Improved
West Side Community Health Services	19.1%	26.3%	30.4%	7.3%	4.1%	11.4%	Consistently Improved
Kittson Memorial Clinic	19.3%	22.7%	29.4%	3.4%	6.7%	10.1%	Consistently Improved
Partners Ob/Gyn	66.7%	55.3%	76.0%	-11.4%	20.7%	9.3%	Variable Improvement
Burnsville Family Physicians	64.0%	61.9%	69.3%	-2.1%	7.4%	5.3%	Variable Improvement
Alexandria Clinic	62.0%	65.3%	65.6%	3.3%	0.3%	3.6%	Variable Improvement
Allina Health Clinics	59.7%	58.0%	65.0%	-1.7%	7.0%	5.3%	Variable Improvement
Mayo Clinic Health System	57.2%	63.2%	63.9%	5.9%	0.8%	6.7%	Variable Improvement
Allina Health Specialties	59.0%	55.4%	60.2%	-3.6%	4.7%	1.2%	Variable Improvement
Sanford Health - Sioux Falls Region	48.3%	45.7%	60.1%	-2.5%	14.4%	11.9%	Variable Improvement
Mankato Clinic, Ltd.	56.6%	65.2%	59.2%	8.6%	-6.0%	2.6%	Variable Improvement
Essentia Health - Central Region	52.7%	57.9%	58.4%	5.2%	0.5%	5.8%	Variable Improvement
Essentia Health - East Region	53.9%	58.5%	57.7%	4.5%	-0.8%	3.8%	Variable Improvement
Integrity Health Network	48.2%	54.4%	56.3%	6.2%	1.9%	8.1%	Variable Improvement
Sanford Health - Fargo Region	52.9%	55.4%	56.2%	2.5%	0.8%	3.3%	Variable Improvement
Essentia Health - St. Mary's	44.8%	58.0%	55.8%	13.1%	-2.1%	11.0%	Variable Improvement
North Memorial	50.1%	54.1%	55.5%	4.1%	1.4%	5.5%	Variable Improvement
Essentia Health - Fosston	30.2%	55.7%	54.8%	25.5%	-0.9%	24.6%	Variable Improvement
Essentia Health - West	33.5%	52.9%	54.8%	19.4%	1.9%	21.2%	Variable Improvement
Unity Family Healthcare, Family Medical Center	48.4%	51.2%	53.1%	2.7%	2.0%	4.7%	Variable Improvement
Duluth Family Medicine Clinic	47.5%	53.5%	53.0%	5.9%	-0.5%	5.4%	Variable Improvement
Hendricks Community Hospital Association	32.4%	54.8%	52.2%	22.3%	-2.5%	19.8%	Variable Improvement
Park Nicollet Health Services	49.7%	53.7%	52.1%	4.0%	-1.7%	2.3%	Variable Improvement
Northwest Family Physicians	48.5%	51.5%	49.6%	2.9%	-1.9%	1.1%	Variable Improvement
Chippewa County Montevideo Hospital & Medical Clinic	40.4%	49.8%	48.8%	9.4%	-1.0%	8.4%	Variable Improvement
Metropolitan Obstetrics & Gynecology	36.7%	49.1%	48.4%	12.3%	-0.7%	11.7%	Variable Improvement
Tri-County Health Care	44.9%	41.1%	45.5%	-3.8%	4.4%	0.5%	Variable Improvement
United Family Medicine	44.1%	37.9%	45.4%	-6.1%	7.5%	1.4%	Variable Improvement
CentraCare Family Health Center	43.8%	42.1%	45.4%	-1.7%	3.3%	1.6%	Variable Improvement

**Table 33: Colorectal Cancer Screening –  
Rate Changes for Reporting Years 2013 to 2015 (continued)**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Renville County Hospital and Clinics	39.8%	47.5%	43.5%	7.7%	-4.0%	3.7%	Variable Improvement
Williams Integracare Clinic	34.7%	43.6%	43.5%	8.9%	-0.1%	8.8%	Variable Improvement
Avera Medical Group	40.0%	38.1%	42.9%	-2.0%	4.9%	2.9%	Variable Improvement
Ridgeview Clinics	34.6%	41.1%	42.8%	6.5%	1.7%	8.2%	Variable Improvement
Olmsted Medical Center	39.5%	42.6%	42.4%	3.1%	-0.2%	2.9%	Variable Improvement
Multicare Associates	41.2%	34.6%	40.6%	-6.6%	6.0%	-0.6%	Variable Improvement
Fairview Health Services	63.3%	64.7%	64.3%	1.4%	-0.4%	1.0%	Relatively Stable
HealthPartners Clinics	62.4%	62.6%	63.2%	0.3%	0.5%	0.8%	Relatively Stable
Mayo Clinic	59.2%	60.8%	60.9%	1.6%	0.2%	1.8%	Relatively Stable
Affiliated Community Medical Centers	58.4%	58.9%	59.3%	0.5%	0.4%	0.9%	Relatively Stable
Family Practice Medical Center of Willmar	52.8%	53.8%	54.6%	1.0%	0.8%	1.8%	Relatively Stable
Hennepin County Medical Center (HCMC) Clinics	50.5%	50.5%	50.0%	0.0%	-0.4%	-0.4%	Relatively Stable
NorthPoint Health & Wellness Center	45.7%	46.5%	47.4%	0.9%	0.9%	1.8%	Relatively Stable
Neighborhood Healthsource	30.0%	30.7%	30.0%	0.7%	-0.7%	0.0%	Relatively Stable
Cedar Riverside People's Center	2.1%	3.1%	3.3%	1.0%	0.2%	1.2%	Relatively Stable
CentraCare Health	67.6%	65.7%	63.7%	-1.9%	-2.0%	-3.8%	Variable Decline
Richfield Medical Group	63.5%	54.2%	59.1%	-9.3%	4.9%	-4.4%	Variable Decline
Oakdale Ob/Gyn	78.2%	55.7%	58.5%	-22.5%	2.8%	-19.7%	Variable Decline
Gundersen Health System	60.5%	66.3%	56.4%	5.8%	-9.9%	-4.1%	Variable Decline
St. Luke's Clinics	62.0%	49.5%	54.5%	-12.4%	4.9%	-7.5%	Variable Decline
FirstLight Health System	55.6%	45.4%	52.0%	-10.2%	6.6%	-3.6%	Variable Decline
HealthPartners Central Minnesota Clinics	58.6%	49.0%	49.7%	-9.5%	0.7%	-8.8%	Variable Decline
Entira Family Clinics (formerly Family Health Services MN)	49.6%	47.6%	46.8%	-2.0%	-0.8%	-2.8%	Variable Decline
Winona Health Services	52.5%	52.6%	45.8%	0.2%	-6.8%	-6.6%	Variable Decline
FamilyHealth Medical Clinics	49.0%	40.5%	44.4%	-8.5%	3.9%	-4.7%	Variable Decline
Sibley Medical Center DBA Ridgeview Sibley Medical Center	46.7%	43.2%	42.9%	-3.4%	-0.4%	-3.8%	Variable Decline
Gateway Family Health Clinic	46.3%	45.8%	41.2%	-0.5%	-4.6%	-5.1%	Variable Decline
Scenic Rivers Health Services	42.4%	41.5%	37.8%	-0.9%	-3.7%	-4.6%	Variable Decline
Community University Health Care Center	43.8%	48.1%	36.3%	4.3%	-11.8%	-7.4%	Variable Decline
Vibrant Health Family Clinics and Minnesota Health Network	46.8%	37.5%	36.1%	-9.3%	-1.4%	-10.7%	Variable Decline
Lakewood Health Center Clinic	33.3%	43.5%	33.0%	10.2%	-10.5%	-0.3%	Variable Decline
RiverView Health	31.3%	40.6%	27.4%	9.3%	-13.2%	-3.9%	Variable Decline
Indian Health Board of Minneapolis	34.9%	27.2%	27.1%	-7.7%	-0.1%	-7.7%	Variable Decline
HealthEast Clinics	59.3%	55.7%	46.5%	-3.6%	-9.2%	-12.8%	Consistently Declined
Sawtooth Mountain Clinic	58.7%	52.6%	38.8%	-6.1%	-13.7%	-19.8%	Consistently Declined

**Table 34: Chlamydia Screening in Women –  
Rate Changes for Reporting Years 2013 to 2015**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Face to Face Health & Counseling Service, Inc.	83.5%	91.3%	94.0%	7.9%	2.7%	10.6%	Consistently Improved
Planned Parenthood Minnesota, North Dakota, South Dakota	73.3%	78.2%	80.8%	4.9%	2.6%	7.5%	Consistently Improved
CentraCare Family Health Center	59.5%	65.9%	73.1%	6.4%	7.2%	13.6%	Consistently Improved
Neighborhood Healthsource	71.2%	61.4%	72.2%	-9.8%	10.8%	1.0%	Variable Improvement
Open Cities Health Center	63.2%	61.9%	70.3%	-1.3%	8.4%	7.0%	Variable Improvement
West Side Community Health Services	69.8%	72.0%	69.3%	2.2%	-2.7%	-0.5%	Variable Improvement
Allina Health Specialties	63.5%	61.9%	68.7%	-1.6%	6.8%	5.2%	Variable Improvement
Community University Health Care Center	65.9%	63.6%	68.3%	-2.2%	4.7%	2.5%	Variable Improvement
United Family Medicine	69.0%	74.1%	67.6%	5.1%	-6.5%	-1.4%	Variable Improvement
Entira Family Clinics (formerly Family Health Services MN)	65.1%	55.3%	63.8%	-9.9%	8.6%	-1.3%	Variable Improvement
North Clinic	53.9%	55.4%	60.8%	1.5%	5.4%	6.9%	Variable Improvement
North Memorial	59.5%	49.5%	59.7%	-9.9%	10.2%	0.3%	Variable Improvement
FirstLight Health System	45.0%	61.6%	58.9%	16.6%	-2.8%	13.9%	Variable Improvement
Affiliated Community Medical Centers	56.7%	54.9%	57.7%	-1.7%	2.7%	1.0%	Variable Improvement
St. Luke's Clinics	51.2%	59.2%	56.8%	8.0%	-2.5%	5.6%	Variable Improvement
Cedar Riverside People's Center	58.7%	63.3%	56.6%	4.6%	-6.7%	-2.1%	Variable Improvement
Mayo Clinic Health System - Red Wing	47.9%	60.4%	55.4%	12.5%	-5.0%	7.4%	Variable Improvement
Children's Clinic Network	50.0%	45.7%	52.1%	-4.3%	6.5%	2.1%	Variable Improvement
Fairview Mesaba Clinics	41.3%	54.3%	48.0%	13.0%	-6.3%	6.8%	Variable Improvement
Gateway Family Health Clinic	47.0%	39.5%	47.6%	-7.4%	8.1%	0.7%	Variable Improvement
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	47.5%	50.4%	45.6%	2.9%	-4.8%	-1.9%	Variable Improvement
Cuyuna Regional Medical Center	33.3%	27.3%	43.7%	-6.1%	16.4%	10.3%	Variable Improvement
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	38.0%	41.0%	42.9%	3.0%	1.9%	4.9%	Variable Improvement
Altru Health System	38.3%	42.7%	39.4%	4.4%	-3.3%	1.1%	Variable Improvement
Essentia Health - St. Mary's	16.1%	37.9%	38.9%	21.8%	1.1%	22.8%	Variable Improvement
Lakewood Health System	34.5%	31.8%	37.3%	-2.8%	5.5%	2.8%	Variable Improvement
Sanford Health - Sioux Falls Region	35.5%	28.2%	35.3%	-7.3%	7.1%	-0.3%	Variable Improvement
Avera Medical Group - Pipestone	20.6%	13.2%	26.5%	-7.4%	13.3%	5.9%	Variable Improvement
Essentia Health - Fosston	7.0%	16.7%	16.7%	9.7%	0.0%	9.7%	Variable Improvement
HealthPartners Clinics	75.4%	76.2%	77.2%	0.8%	1.0%	1.8%	Relatively Stable
Fairview Medical Group	64.2%	63.6%	62.4%	-0.6%	-1.2%	-1.8%	Relatively Stable
Tri-County Health Care	40.6%	39.7%	39.8%	-1.0%	0.1%	-0.9%	Relatively Stable
NorthPoint Health & Wellness Center	80.8%	82.6%	78.9%	1.8%	-3.6%	-1.9%	Variable Decline
Premier OB/GYN of Minnesota	71.8%	65.4%	67.4%	-6.4%	1.9%	-4.5%	Variable Decline

**Table 34: Chlamydia Screening in Women –  
Rate Changes for Reporting Years 2013 to 2015 (continued)**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Park Nicollet Health Services	65.2%	58.6%	60.0%	-6.6%	1.4%	-5.2%	Variable Decline
Stillwater Medical Group	61.5%	39.6%	57.0%	-21.9%	17.3%	-4.6%	Variable Decline
Mankato Clinic, Ltd.	59.6%	48.7%	53.4%	-11.0%	4.7%	-6.3%	Variable Decline
Mayo Clinic Health System - Albert Lea and Austin	61.7%	62.6%	51.4%	0.8%	-11.2%	-10.4%	Variable Decline
CentraCare Health	57.1%	50.0%	50.8%	-7.1%	0.8%	-6.3%	Variable Decline
Mayo Clinic	55.3%	51.6%	50.5%	-3.7%	-1.1%	-4.8%	Variable Decline
Winona Health Services	52.8%	44.6%	49.7%	-8.2%	5.2%	-3.0%	Variable Decline
Lakeview Clinic	56.4%	47.5%	49.3%	-8.9%	1.9%	-7.0%	Variable Decline
Grand Itasca Clinic	51.1%	45.0%	48.8%	-6.1%	3.9%	-2.3%	Variable Decline
Multicare Associates	49.5%	51.1%	47.2%	1.6%	-3.9%	-2.3%	Variable Decline
Essentia Health - East Region	49.4%	48.9%	46.6%	-0.5%	-2.3%	-2.8%	Variable Decline
Mayo Clinic Health System - Fairmont	57.5%	40.0%	46.4%	-17.5%	6.4%	-11.1%	Variable Decline
Mayo Clinic Health System - Mankato	52.6%	48.1%	46.3%	-4.6%	-1.8%	-6.4%	Variable Decline
Lake Region Healthcare	51.1%	42.7%	44.7%	-8.5%	2.1%	-6.4%	Variable Decline
Family Practice Medical Center of Willmar	64.4%	40.0%	44.2%	-24.4%	4.2%	-20.2%	Variable Decline
Essentia Health - Central Region	45.7%	43.9%	43.3%	-1.8%	-0.6%	-2.4%	Variable Decline
Sanford Health - Fargo Region	43.2%	35.5%	39.5%	-7.7%	4.0%	-3.7%	Variable Decline
Essentia Health - West	36.4%	18.4%	31.3%	-18.0%	12.9%	-5.1%	Variable Decline
Alexandria Clinic	32.7%	32.9%	26.3%	0.2%	-6.6%	-6.4%	Variable Decline
Hennepin County Medical Center (HCMC) Clinics	83.4%	80.8%	74.6%	-2.6%	-6.2%	-8.8%	Consistently Declined
University of Minnesota Physicians	68.7%	66.0%	61.6%	-2.7%	-4.4%	-7.1%	Consistently Declined
HealthEast Clinics	73.1%	64.1%	59.9%	-9.1%	-4.2%	-13.3%	Consistently Declined
Children's Health Care	58.5%	55.0%	49.7%	-3.5%	-5.3%	-8.8%	Consistently Declined
Raiter Clinic, LTD - IHN	57.5%	51.0%	48.3%	-6.5%	-2.7%	-9.2%	Consistently Declined
Buffalo Clinic, PA - IHN	56.4%	54.3%	44.7%	-2.1%	-9.7%	-11.7%	Consistently Declined
Northwest Family Physicians	75.0%	46.8%	42.6%	-28.2%	-4.2%	-32.4%	Consistently Declined
Riverwood Healthcare Center	53.6%	41.2%	38.5%	-12.4%	-2.7%	-15.1%	Consistently Declined
Unity Family Healthcare - Avon	57.4%	54.7%	36.9%	-2.7%	-17.8%	-20.4%	Consistently Declined
Mayo Clinic Health System-Owatonna	56.0%	49.5%	32.2%	-6.5%	-17.3%	-23.8%	Consistently Declined
Glencoe Regional Health Services	33.3%	27.8%	10.0%	-5.6%	-17.8%	-23.3%	Consistently Declined

**Table 35: Childhood Immunization Status (Combo 3) – Rate Changes for Reporting Years 2013 to 2015**

Medical Group Name	2013 MHCP Rate	2014 MHCP Rate	2015 MHCP Rate	Change (2014-2013)	Change (2015-2014)	Change (2015-2013)	Change Pattern (2013-2015)
Avera Med. Grp.- McGreevy Cl,United Med. Ctr.,Worthington Splty. Cl	80.8%	74.6%	82.3%	-6.2%	7.8%	1.5%	Variable Improvement
HealthEast Clinics	77.4%	71.0%	80.2%	-6.5%	9.2%	2.7%	Variable Improvement
Sanford Health - Sioux Falls Region	75.8%	77.4%	80.1%	1.6%	2.7%	4.3%	Variable Improvement
Essentia Health - West	74.6%	78.1%	78.8%	3.5%	0.7%	4.3%	Variable Improvement
Allina Health Specialties	76.6%	69.0%	78.0%	-7.6%	9.0%	1.4%	Variable Improvement
Mankato Clinic, Ltd.	66.7%	91.9%	75.4%	25.2%	-16.5%	8.7%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	69.6%	81.3%	74.9%	11.7%	-6.4%	5.3%	Variable Improvement
St. Luke's Clinics	52.4%	66.8%	56.6%	14.3%	-10.1%	4.2%	Variable Improvement
Mayo Clinic	89.0%	82.1%	81.0%	-7.0%	-1.0%	-8.0%	Variable Decline
Mayo Clinic Health System-Owatonna	87.5%	76.3%	76.6%	-11.2%	0.3%	-10.9%	Variable Decline
Essentia Health - East Region	78.3%	80.3%	76.0%	2.0%	-4.3%	-2.3%	Variable Decline
HealthPartners Clinics	77.6%	82.7%	74.5%	5.1%	-8.2%	-3.2%	Variable Decline
Buffalo Clinic, PA - IHN	81.6%	73.0%	74.0%	-8.6%	1.0%	-7.6%	Variable Decline
Fairview Medical Group	84.3%	84.3%	73.5%	0.0%	-10.8%	-10.8%	Variable Decline
Children's Health Care	71.0%	86.4%	73.0%	15.4%	-13.4%	2.0%	Variable Decline
Olmsted Medical Center	83.1%	86.8%	67.4%	3.7%	-19.4%	-15.7%	Variable Decline
Sanford Health - Fargo Region	68.2%	73.4%	66.2%	5.2%	-7.2%	-2.0%	Variable Decline
Children's Clinic Network	60.7%	76.0%	49.9%	15.4%	-26.1%	-10.7%	Variable Decline
Affiliated Community Medical Centers	92.6%	84.6%	80.6%	-8.0%	-4.0%	-12.0%	Consistently Declined
Essentia Health - Central Region	84.7%	80.5%	77.6%	-4.2%	-2.8%	-7.0%	Consistently Declined
NorthPoint Health & Wellness Center	79.5%	72.2%	65.8%	-7.3%	-6.4%	-13.7%	Consistently Declined
Park Nicollet Health Services	71.3%	67.9%	65.4%	-3.4%	-2.5%	-5.9%	Consistently Declined
CentraCare Health	79.8%	74.0%	62.5%	-5.8%	-11.5%	-17.3%	Consistently Declined
West Side Community Health Services	85.2%	71.5%	58.7%	-13.8%	-12.7%	-26.5%	Consistently Declined
University of Minnesota Physicians	76.5%	68.5%	53.6%	-8.0%	-15.0%	-22.9%	Consistently Declined

Please see the next page.

## Appendix 5: Purchaser Performance Rate Differences

### Statistical Methods of Analysis of Purchaser Performance Rate Differences

An analysis was conducted to assess whether a gap between purchasers within a medical group was present and, if so, whether that gap was statistically significant. Medical groups were included in the analysis if both purchaser categories (MHCP and Other Purchasers) met the minimum reporting requirements for a measure. In other words, for administrative measures, a medical group was included in the analysis if each purchaser category had at least 30 patients; and for hybrid measures, a medical group was included if each purchaser category had at least 60 patients.

Assessment was made at the clinic level for the DDS measures (Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months). For these measures, a clinic was included in the analysis if each purchaser category had at least 30 patients. The t-test was used to determine if gaps found between purchasers at the clinic level were statistically significant. The p-value of less than 0.05 included in this report is unadjusted for multiple test differences.

A second analysis was conducted examining the 95 percent confidence interval around the rate for medical groups/clinics and comparing it to the 95 percent confidence interval around the statewide rate. It was determined whether medical groups/clinics had a rate and confidence interval that fell outside the statewide confidence interval and had a purchaser gap that was significantly different from the statewide purchaser gap. Significance was designated at a p-value less than 0.05.

## Optimal Diabetes Care

Three hundred and seven clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 14 percentage points and is statistically significant. This means the Optimal Diabetes Care statewide rate for MHCP patients (43 percent) was significantly lower than that of Other Purchasers (57 percent).

Of those 307 clinics, 282 had rates for MHCP patients that were lower than Other Purchasers; and of those clinics, 128 had significant gaps between purchasers. (See Table 36, Column 5) This means that 128 clinics had significantly lower performance rates compared to Other Purchasers. Of the 307 clinics, 24 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4) and one of the clinic had a difference that was statistically significant.

We also assessed whether the value of the gap between purchasers at a clinic level was significantly different than the gap at the statewide level. Eight clinics had a significantly larger purchaser gap than the statewide gap; 40 clinics had a significantly smaller purchaser gap than the statewide gap. And of those 40 clinics, 19 had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **15 clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 36 summarizes these findings.

- **Chippewa County Montevideo Hospital & Medical Clinic**
- **EH-Park Rapids**
- **Entira Family Clinics - Maplewood/Battle Creek**
- **Essentia Health - Moorhead**
- **Fairview Bloomington Lake Xerxes**
- **Fairview Brooklyn Park Clinic**
- **Fairview Highland Park Clinic**
- **Fairview Uptown Clinic**
- **HealthPartners - Ctr for Internatl Hlth**
- **HealthPartners - Midway**
- **Mayo Clinic Health System St. James**
- **Ridgeview Specialty Clinic - Endocrinology - Chaska**
- **St. Cloud Medical Group - NW- IHN**
- **United Hospital District Clinic**
- **University of Minnesota Health - Smiley's Family Medicine Clinic**

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
<b>Affiliated Community Medical Centers - Benson Clinic</b>	44.8%	51.7%	6.9%	.	.
<b>Affiliated Community Medical Centers - Granite Falls Clinic</b>	49.1%	68.6%	19.6%	Y	.
<b>Affiliated Community Medical Centers - Litchfield Clinic (East)</b>	56.3%	66.0%	9.8%	.	.
<b>Affiliated Community Medical Centers - Litchfield Clinic (West)</b>	44.2%	60.2%	16.0%	.	.
<b>Affiliated Community Medical Centers - New London Clinic</b>	60.0%	69.7%	9.7%	.	.
<b>Affiliated Community Medical Centers - Redwood Falls Clinic</b>	46.7%	52.2%	5.5%	.	.
<b>Affiliated Community Medical Centers - Willmar Clinic</b>	49.6%	57.9%	8.4%	Y	.
<b>Affiliated Community Medical Centers- Marshall Clinic</b>	51.7%	57.5%	5.8%	.	.
<b>Albany Medical Center</b>	42.4%	47.3%	4.8%	.	.
<b>Alexandria Clinic, A Service of Douglas County Hospital</b>	38.2%	52.0%	13.8%	Y	.
<b>Allina Health - Annandale</b>	70.0%	63.9%	-6.1%	.	.
<b>Allina Health - Bandana Square (Aspen)</b>	50.4%	64.2%	13.8%	Y	.
<b>Allina Health - Blaine</b>	48.6%	71.7%	23.1%	Y	.
<b>Allina Health - Bloomington (Aspen)</b>	51.4%	64.4%	13.1%	Y	.
<b>Allina Health - Brooklyn Park</b>	37.1%	69.0%	31.8%	Y	>
<b>Allina Health - Buffalo</b>	41.9%	65.2%	23.3%	Y	.
<b>Allina Health - Burnsville (Quello)</b>	45.8%	64.9%	19.0%	Y	.
<b>Allina Health - Cambridge</b>	43.4%	56.0%	12.6%	Y	.
<b>Allina Health - Centennial Lakes (Quello)</b>	58.0%	70.9%	12.9%	.	.
<b>Allina Health - Champlin</b>	58.7%	67.4%	8.8%	.	.
<b>Allina Health - Chanhassen (Quello)</b>	63.8%	65.9%	2.0%	.	.
<b>Allina Health - Coon Rapids</b>	52.9%	66.9%	14.0%	Y	.
<b>Allina Health - Cottage Grove</b>	52.0%	60.7%	8.7%	.	.
<b>Allina Health - Eagan</b>	61.6%	72.2%	10.6%	.	.
<b>Allina Health - East Lake Street (Aspen)</b>	49.0%	57.1%	8.1%	.	.
<b>Allina Health - Edina</b>	47.4%	62.0%	14.7%	Y	.
<b>Allina Health - Elk River</b>	50.0%	60.7%	10.7%	.	.
<b>Allina Health - Faribault</b>	52.0%	62.4%	10.4%	Y	.
<b>Allina Health - Farmington</b>	48.4%	66.7%	18.3%	Y	.
<b>Allina Health - First Street</b>	40.9%	61.8%	21.0%	Y	.
<b>Allina Health - Forest Lake</b>	54.8%	67.5%	12.7%	Y	.
<b>Allina Health - Fridley</b>	28.6%	53.7%	25.2%	Y	.
<b>Allina Health - Inver Grove Heights (Aspen)</b>	41.0%	64.4%	23.4%	Y	.
<b>Allina Health - Isles</b>	42.9%	71.5%	28.6%	Y	.
<b>Allina Health - Lakeville (Quello)</b>	46.7%	62.3%	15.6%	.	.
<b>Allina Health - Maple Grove</b>	51.8%	59.2%	7.4%	.	.
<b>Allina Health - Maplewood (Aspen)</b>	54.3%	64.3%	10.1%	.	.
<b>Allina Health - Nicollet Mall</b>	46.0%	64.4%	18.5%	Y	.
<b>Allina Health - Nininger Road</b>	37.2%	61.0%	23.8%	Y	.
<b>Allina Health - Northfield</b>	50.0%	65.1%	15.1%	Y	.
<b>Allina Health - Plymouth</b>	49.4%	59.6%	10.3%	.	.
<b>Allina Health - Ramsey</b>	55.7%	70.4%	14.7%	Y	.
<b>Allina Health - Richfield</b>	60.8%	64.2%	3.4%	.	<
<b>Allina Health - Shakopee</b>	52.7%	65.1%	12.4%	Y	.
<b>Allina Health - Shoreview</b>	54.8%	68.5%	13.6%	Y	.
<b>Allina Health - United Medical Specialties</b>	50.5%	66.1%	15.6%	Y	.
<b>Allina Health - Uptown</b>	59.3%	71.6%	12.3%	.	.
<b>Allina Health - West St. Paul</b>	54.6%	67.5%	12.9%	Y	.
<b>Allina Health - Woodbury</b>	59.0%	66.7%	7.7%	.	.
<b>Allina Health Specialties - New Ulm Medical Center</b>	41.3%	49.0%	7.7%	.	.
<b>Altru Health System - Crookston</b>	40.9%	53.6%	12.7%	.	.
<b>Altru Health System - Roseau</b>	35.8%	48.6%	12.7%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
Apple Valley Medical Clinic - Family Practice	56.4%	62.1%	5.7%	.	<
Avera Medical Group - Worthington	34.5%	40.8%	6.3%	.	.
Buffalo Clinic-IHN	41.1%	51.2%	10.1%	.	.
Buffalo Clinic-Monticello: IHN	45.6%	54.5%	8.9%	.	.
CentraCare Clinic - Northway	48.2%	64.7%	16.5%	Y	.
CentraCare Family Health Center	35.5%	37.4%	1.9%	.	<
CentraCare Health- Long Prairie	41.7%	56.1%	14.4%	.	.
CentraCare Health- Melrose	47.4%	56.5%	9.1%	.	.
CentraCare Health Plaza-Endocrinology	26.3%	43.1%	16.8%	Y	.
CentraCare Health Plaza-Family Medicine	36.4%	63.5%	27.1%	Y	>
CentraCare Health Plaza-Internal Medicine	52.6%	64.0%	11.3%	.	.
CentraCare Health- Sauk Centre	43.1%	47.0%	3.9%	.	.
CentraCare River Campus-Internal Medicine	54.1%	67.2%	13.1%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	56.3%	46.7%	-9.5%	.	<
Community-University Health Care Center	38.1%	48.7%	10.6%	Y	.
Duluth Family Medicine Clinic	30.0%	36.3%	6.3%	.	.
EH- Menahga	33.3%	43.3%	10.0%	.	.
EH-Park Rapids	57.0%	54.1%	-2.9%	.	<
Entira Family Clinics - Como/Roseville	51.4%	54.2%	2.8%	.	.
Entira Family Clinics - East Side	47.5%	58.7%	11.2%	Y	.
Entira Family Clinics - Highland	48.8%	59.5%	10.7%	.	.
Entira Family Clinics - Inver Grove Heights	53.7%	66.8%	13.1%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	58.8%	56.7%	-2.1%	.	<
Entira Family Clinics - North St. Paul	58.5%	61.4%	2.8%	.	<
Entira Family Clinics - Vadnais Heights	59.7%	66.4%	6.6%	.	.
Entira Family Clinics - West St. Paul	50.0%	66.0%	16.0%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	61.8%	72.4%	10.7%	.	.
Entira Family Clinics - White Bear Lake-Bellaire Avenue	63.3%	73.5%	10.2%	.	.
Entira Family Clinics - Woodbury	50.0%	66.6%	16.6%	Y	.
Essentia Health - Aurora Clinic	55.3%	60.6%	5.2%	.	.
Essentia Health - Deer River Clinic	43.8%	52.8%	9.0%	.	.
Essentia Health - Detroit Lakes	40.7%	55.1%	14.4%	Y	.
Essentia Health - Duluth Clinic	19.6%	42.4%	22.9%	Y	.
Essentia Health - Duluth Clinic 1st St	42.1%	59.0%	16.9%	Y	.
Essentia Health - Ely Clinic	45.2%	68.0%	22.8%	Y	.
Essentia Health - Hermantown Clinic	47.2%	56.6%	9.4%	.	.
Essentia Health - Hibbing Clinic	42.3%	58.3%	16.0%	Y	.
Essentia Health - International Falls Clinic	33.3%	49.4%	16.1%	Y	.
Essentia Health - Lakeside Clinic	46.9%	59.7%	12.8%	.	.
Essentia Health - Lakewalk Clinic	57.6%	59.0%	1.4%	.	.
Essentia Health - Moorhead	59.6%	53.0%	-6.6%	.	<
Essentia Health - Virginia Clinic	40.4%	56.2%	15.8%	Y	.
Essentia Health - West Duluth Clinic	48.7%	54.8%	6.1%	.	.
Essentia Health Fosston	32.9%	44.9%	12.0%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	46.4%	58.4%	12.0%	Y	.
Essentia Health St. Joseph's - Pine River Clinic	32.5%	48.1%	15.6%	.	.
Essentia Health St. Joseph's Baxter Clinic	44.3%	54.5%	10.2%	.	.
Fairview Andover Clinic	46.8%	55.1%	8.3%	.	.
Fairview Apple Valley Clinic	48.0%	54.0%	6.0%	.	.
Fairview Blaine Clinic	41.0%	44.5%	3.5%	.	.
Fairview Bloomington Lake Minneapolis	47.2%	50.4%	3.1%	.	.
Fairview Bloomington Lake Xerxes	58.7%	56.8%	-1.9%	.	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
Fairview Brooklyn Park Clinic	55.7%	55.1%	-0.6%	.	<
Fairview Burnsville Clinic	57.5%	58.4%	0.9%	.	<
Fairview Chisago Lakes Clinic	35.9%	54.9%	19.1%	Y	.
Fairview Columbia Heights Clinic	45.3%	55.4%	10.1%	Y	.
Fairview Crosstown Clinic	57.7%	70.4%	12.7%	Y	.
Fairview Eagan Clinic	55.4%	63.5%	8.2%	.	.
Fairview EdenCenter Clinic	47.7%	58.8%	11.1%	Y	.
Fairview Elk River Clinic	58.5%	62.1%	3.6%	.	.
Fairview Fridley Clinic	44.4%	56.1%	11.7%	Y	.
Fairview Hiawatha Clinic	52.3%	57.6%	5.3%	.	.
Fairview Highland Park Clinic	61.5%	56.4%	-5.1%	.	<
Fairview Lakes Medical Center	43.0%	55.2%	12.3%	Y	.
Fairview Lino Lakes Clinic	45.1%	56.9%	11.8%	.	.
Fairview Maple Grove Medical Center	53.3%	63.0%	9.7%	.	.
Fairview Milaca Clinic	45.8%	54.2%	8.5%	.	.
Fairview New Brighton Clinic	56.4%	58.2%	1.8%	.	<
Fairview North Branch Clinic	44.1%	53.7%	9.6%	.	.
Fairview Oxboro Clinic	60.3%	67.0%	6.8%	.	.
Fairview Pine City Clinic	34.2%	56.5%	22.3%	Y	.
Fairview Princeton Clinic	32.4%	49.9%	17.5%	Y	.
Fairview Riverside Primary Care Clinic	34.2%	35.1%	1.0%	.	.
Fairview Rogers Clinic	60.0%	60.0%	0.0%	.	.
Fairview Rush City Clinic	48.9%	55.1%	6.2%	.	.
Fairview Uptown Clinic	57.6%	55.5%	-2.1%	.	<
Family Medical Center	45.3%	54.0%	8.8%	Y	.
Family Practice Medical Center of Willmar	48.0%	59.6%	11.7%	Y	.
FirstLight Health System - Mora	51.6%	57.0%	5.5%	.	.
FirstLight Health System - Pine City	25.7%	56.1%	30.4%	Y	.
France Avenue Family Physicians - MN Healthcare Ntwk.	53.2%	63.8%	10.5%	.	.
Gateway Family Health Clinic - Moose Lake	36.1%	45.9%	9.7%	.	.
Gateway Family Health Clinic - Sandstone	36.8%	53.3%	16.5%	Y	.
Glencoe Regional Health Services - Glencoe	46.1%	53.7%	7.7%	.	.
Glenwood Medical Center	18.9%	49.3%	30.4%	Y	.
Grand Itasca Clinic	36.7%	45.4%	8.7%	Y	.
HealthEast Cottage Grove Clinic	53.1%	62.9%	9.8%	.	.
HealthEast Downtown St. Paul Clinic	48.0%	60.7%	12.7%	Y	.
HealthEast Grand Avenue Clinic	41.3%	55.2%	14.0%	.	.
HealthEast Maplewood Clinic	42.4%	53.2%	10.7%	.	.
HealthEast Midway Clinic	41.2%	55.8%	14.6%	Y	.
HealthEast Oakdale	33.3%	51.1%	17.8%	Y	.
HealthEast Rice Street Clinic	44.1%	49.6%	5.5%	.	.
HealthEast Roselawn Clinic	41.2%	47.9%	6.7%	.	.
HealthEast Roseville Clinic	48.2%	70.7%	22.5%	Y	.
HealthEast Tamarack Clinic Woodbury	46.9%	59.7%	12.8%	.	.
HealthEast Vadnais Heights Clinic	44.1%	56.7%	12.6%	.	.
HealthEast Woodbury Clinic	51.8%	57.8%	6.0%	.	.
HealthPartners - Andover	43.1%	59.7%	16.5%	Y	.
HealthPartners - Anoka	30.0%	47.9%	17.9%	Y	.
HealthPartners - Apple Valley	45.5%	58.0%	12.6%	.	.
HealthPartners - Arden Hills	62.5%	71.2%	8.7%	.	.
HealthPartners - Bloomington	46.0%	59.7%	13.7%	Y	.
HealthPartners - Brooklyn Center	61.2%	62.1%	0.8%	.	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
HealthPartners - Como	43.5%	59.4%	15.9%	Y	.
HealthPartners - Coon Rapids	47.6%	63.2%	15.5%	Y	.
HealthPartners - Ctr for Internatl Hlth	59.8%	56.5%	-3.3%	.	<
HealthPartners - Eagan	48.5%	62.3%	13.8%	.	.
HealthPartners - Elk River	40.0%	64.4%	24.4%	Y	.
HealthPartners - Hlth Ctr for Women	48.7%	63.0%	14.2%	.	.
HealthPartners - Inver Grove Heights	34.6%	61.5%	27.0%	Y	.
HealthPartners - Maplewood	35.7%	60.7%	25.1%	Y	>
HealthPartners - Midway	52.1%	49.8%	-2.3%	.	<
HealthPartners - Riverside	50.3%	59.2%	9.0%	Y	.
HealthPartners - Roseville	39.5%	69.9%	30.4%	Y	>
HealthPartners - Specialty Center 401	35.5%	49.3%	13.8%	Y	.
HealthPartners - St Paul	32.5%	59.4%	26.9%	Y	>
HealthPartners - University Ave	34.3%	62.0%	27.7%	Y	>
HealthPartners - West	49.1%	65.4%	16.4%	Y	.
HealthPartners - White Bear Lake	41.2%	68.1%	26.9%	Y	.
HealthPartners - Woodbury	41.6%	62.6%	21.0%	Y	.
HealthPartners Central Minnesota Clinics	39.7%	57.5%	17.8%	Y	.
HCMC Clinics - Brooklyn Center Clinic	35.5%	38.7%	3.2%	.	.
HCMC Clinics - Brooklyn Park Clinic	46.3%	51.8%	5.5%	.	.
HCMC Clinics - Downtown Medicine Clinic	25.3%	32.6%	7.3%	Y	.
HCMC Clinics - East Lake Clinic	37.5%	44.4%	6.9%	.	.
HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	32.3%	48.9%	16.6%	Y	.
HCMC Clinics - Internal Medicine Clinic at Parkside	30.8%	42.1%	11.3%	Y	.
HCMC Clinics - Richfield Clinic	38.6%	53.3%	14.6%	Y	.
HCMC Clinics - St. Anthony Village Clinic	48.8%	35.1%	-13.7%	.	>
HCMC Clinics - Whittier Clinic	30.8%	33.8%	3.0%	.	<
Hutchinson Health - Dassel Clinic	50.0%	50.8%	0.8%	.	.
Hutchinson Health - Hutchinson Clinic	43.2%	45.6%	2.4%	.	<
Indian Health Board of Minneapolis	24.4%	28.2%	3.8%	.	.
Johnson Memorial Health Services - Dawson Clinic	51.2%	48.0%	-3.2%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	30.9%	34.7%	3.8%	.	<
Lake Superior Community Health Center - Duluth	32.9%	40.3%	7.4%	.	.
LakeWood Health Center Clinic	14.6%	34.6%	20.0%	Y	.
Mankato Clinic - Daniel's Health Center	52.8%	65.8%	13.0%	.	.
Mankato Clinic - Main Street	40.9%	55.0%	14.2%	Y	.
Mankato Clinic - North Mankato	51.6%	61.8%	10.2%	.	.
Mankato Clinic - Wickersham Campus	49.0%	64.0%	15.0%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	43.2%	52.8%	9.6%	.	.
Mayo Clinic - Baldwin Bldg., Primary Care Internal Med.	40.8%	50.7%	9.9%	Y	.
Mayo Clinic - Kasson	41.5%	51.1%	9.6%	.	.
Mayo Clinic - Northeast	55.9%	58.1%	2.3%	.	.
Mayo Clinic - Speciality Practice	37.3%	49.8%	12.6%	Y	.
Mayo Clinic Health System Albert Lea	37.7%	47.8%	10.1%	Y	.
Mayo Clinic Health System Austin	43.4%	51.4%	8.1%	Y	.
Mayo Clinic Health System Cannon Falls	25.0%	39.6%	14.6%	.	.
Mayo Clinic Health System Fairmont	50.7%	56.2%	5.5%	.	<
Mayo Clinic Health System Faribault Hwy 60	50.8%	57.8%	7.0%	.	.
Mayo Clinic Health System Lake City	52.1%	62.9%	10.8%	.	.
Mayo Clinic Health System Le Sueur	54.6%	64.6%	10.0%	.	.
Mayo Clinic Health System Mankato Eastridge	49.6%	60.9%	11.3%	Y	.
Mayo Clinic Health System Mankato Northridge	50.0%	62.7%	12.7%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
Mayo Clinic Health System Mankato Specialty Clinic	47.5%	53.1%	5.5%	.	.
Mayo Clinic Health System Montgomery	41.3%	50.0%	8.7%	.	.
Mayo Clinic Health System Owatonna	50.0%	56.5%	6.5%	Y	<
Mayo Clinic Health System Red Wing	44.3%	45.9%	1.6%	.	<
Mayo Clinic Health System St. James	51.8%	51.8%	-0.1%	.	<
Mayo Clinic Health System St. Peter	56.7%	63.5%	6.8%	.	.
Mayo Clinic Health System Waseca	52.9%	62.5%	9.6%	.	.
Multicare Associates - Blaine Medical Center	39.9%	52.8%	12.9%	Y	.
Multicare Associates - Fridley Medical Center	55.4%	57.4%	2.0%	.	<
Multicare Associates - Roseville Medical Center	52.5%	59.7%	7.2%	.	.
Neighborhood HealthSource - Fremont Clinic	35.1%	26.0%	-9.1%	.	<
Neighborhood HealthSource-Central Clinic	15.4%	12.9%	-2.5%	.	.
New Hope Crystal Medical Clinic	18.9%	35.3%	16.4%	Y	.
North Clinic - Maple Grove Office	22.9%	41.7%	18.9%	Y	.
North Clinic - Oakdale Office in Robbinsdale	30.6%	40.7%	10.1%	Y	.
North Clinic - Osseo Office	42.6%	41.8%	-0.8%	.	<
North Clinic - WestHealth Office in Plymouth	31.8%	48.9%	17.0%	Y	.
North Memorial Clinic - Arbor Lakes	33.3%	59.9%	26.6%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	45.5%	50.8%	5.4%	.	.
North Memorial Clinic - Brooklyn Park Physicians	53.3%	56.7%	3.4%	.	.
North Memorial Clinic - Camden	44.9%	52.4%	7.5%	.	.
North Memorial Clinic - Golden Valley Physicians	52.7%	54.6%	1.9%	.	.
North Memorial Clinic - Maple Grove	52.3%	60.9%	8.6%	.	.
North Memorial Clinic - Northeast Family Physicians	43.9%	69.3%	25.4%	Y	.
North Memorial Clinic - Rockford Road	56.4%	68.7%	12.3%	.	.
North Memorial Clinic, Silver Lake - St. Anthony	53.1%	61.0%	7.9%	.	.
NorthPoint Health & Wellness Center	28.3%	29.5%	1.3%	.	<
Northwest Family Physicians - Crystal	33.0%	50.2%	17.2%	Y	.
Northwest Family Physicians - Plymouth	50.0%	58.8%	8.8%	.	.
Olmsted Medical Center - Rochester Northwest	29.4%	50.8%	21.4%	Y	.
Olmsted Medical Center - Rochester Southeast	30.7%	51.9%	21.3%	Y	>
Open Cities Health (Dunlap) - Family Medicine	27.3%	22.9%	-4.3%	.	<
Open Door Health Center	20.4%	39.5%	19.1%	Y	.
Ortonville Area Health Services-Northside Medical Clinic	46.4%	54.4%	8.0%	.	.
Park Nicollet Clinic - Bloomington	56.8%	66.3%	9.5%	.	.
Park Nicollet Clinic - Brookdale	57.0%	66.4%	9.4%	Y	.
Park Nicollet Clinic - Burnsville	57.1%	67.9%	10.8%	Y	.
Park Nicollet Clinic - Carlson	57.6%	73.0%	15.4%	Y	.
Park Nicollet Clinic - Chanhausen	63.1%	66.6%	3.5%	.	<
Park Nicollet Clinic - Creekside	43.6%	63.2%	19.6%	Y	.
Park Nicollet Clinic - Eagan	60.4%	68.3%	8.0%	.	.
Park Nicollet Clinic - Golden Valley	52.3%	73.2%	21.0%	Y	.
Park Nicollet Clinic - Maple Grove	58.1%	68.9%	10.8%	Y	.
Park Nicollet Clinic - Minneapolis	46.6%	56.9%	10.3%	Y	.
Park Nicollet Clinic - Plymouth	51.4%	63.2%	11.8%	.	.
Park Nicollet Clinic - Prairie Center	68.3%	74.9%	6.6%	.	.
Park Nicollet Clinic - Prior Lake	44.2%	67.9%	23.7%	Y	.
Park Nicollet Clinic - Shakopee	55.4%	65.8%	10.4%	Y	.
Park Nicollet Clinic - St. Louis Park Endocrinology	46.3%	57.4%	11.1%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	57.1%	64.8%	7.7%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	59.1%	69.8%	10.7%	Y	.
Parkview Medical Clinic	24.4%	28.3%	3.9%	.	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other- MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	43.1%	56.7%	13.6%	Y	
<b>Raiter Clinic-IHN</b>	35.7%	36.8%	1.2%	.	<
<b>Range Regional Hlth. Svcs. dba Fairview Mesaba Cl. - Hibbing</b>	34.4%	51.8%	17.5%	Y	.
<b>Renville County Hospital and Clinics - Olivia</b>	18.8%	39.6%	20.8%	Y	.
<b>Ridgeview Arlington Clinic</b>	29.0%	48.3%	19.2%	.	.
<b>Ridgeview Delano Clinic</b>	46.2%	54.9%	8.7%	.	.
<b>Ridgeview Specialty Clinic - Endocrinology - Chaska</b>	46.5%	43.8%	-2.8%	.	<
<b>Ridgeview Westonka Clinic</b>	55.3%	54.0%	-1.3%	.	.
<b>Riverwood Aitkin Clinic</b>	26.4%	48.5%	22.1%	Y	.
<b>Riverwood McGregor Clinic</b>	28.6%	40.6%	12.0%	.	.
<b>Sanford Bemidji 1611 Anne St Clinic</b>	33.9%	42.2%	8.3%	.	.
<b>Sanford Bemidji Main Clinic Family Medicine</b>	30.2%	46.3%	16.1%	Y	.
<b>Sanford Bemidji Main Clinic Internal Medicine</b>	48.9%	60.0%	11.1%	.	.
<b>Sanford East Grand Forks Clinic</b>	38.2%	55.4%	17.2%	.	.
<b>Sanford Health Broadway Clinic</b>	41.2%	49.1%	7.9%	.	.
<b>Sanford Health Detroit Lakes Clinic</b>	42.1%	54.3%	12.2%	Y	.
<b>Sanford Health Walker Clinic</b>	20.0%	33.3%	13.3%	.	.
<b>Sanford Luverne Clinic</b>	49.0%	55.0%	5.9%	.	.
<b>Sanford Moorhead Family Medicine</b>	45.5%	59.2%	13.8%	.	.
<b>Sanford Moorhead Internal Medicine</b>	58.5%	63.8%	5.2%	.	.
<b>Sanford Perham Clinic</b>	26.2%	56.3%	30.1%	Y	.
<b>Sanford Thief River Falls Clinic</b>	40.7%	56.2%	15.5%	Y	.
<b>Sanford Worthington Clinic</b>	41.6%	50.5%	9.0%	.	.
<b>Sawtooth Mountain Clinic, Inc</b>	25.6%	37.8%	12.1%	.	.
<b>Scenic Rivers Health Services - Bigfork/Big Falls</b>	38.5%	42.7%	4.2%	.	.
<b>Southside Medical Clinic</b>	32.9%	25.9%	-7.0%	.	<
<b>St Luke's Clinics-Denfeld</b>	39.7%	48.9%	9.2%	.	.
<b>St Luke's Clinics-Endocrinology Associates</b>	26.5%	40.5%	13.9%	.	.
<b>St Luke's Clinics-Hibbing Family Medical Clinic</b>	40.9%	49.4%	8.5%	.	.
<b>St Luke's Clinics-Internal Medicine Associates</b>	40.7%	48.5%	7.9%	.	.
<b>St Luke's Clinics-P.S. Rudie Medical Clinic</b>	59.0%	61.7%	2.7%	.	.
<b>St. Cloud Medical Group - Clearwater - IHN</b>	57.5%	64.2%	6.8%	.	.
<b>St. Cloud Medical Group - NW- IHN</b>	58.4%	58.0%	-0.4%	.	<
<b>St. Cloud Medical Group - South -IHN</b>	54.1%	54.4%	0.3%	.	<
<b>Stillwater Medical Group - Curve Crest Clinic</b>	49.7%	62.3%	12.6%	Y	.
<b>Tri-County Health Care - Wadena Clinic</b>	23.6%	41.5%	17.9%	Y	.
<b>Tyler Medical Clinic - Avera</b>	43.2%	43.3%	0.2%	.	.
<b>United Family Medicine</b>	38.9%	53.2%	14.3%	Y	.
<b>United Hospital District Clinic</b>	48.1%	37.6%	-10.5%	Y	<
<b>University of MN Health - Medicine Specialties Clinic</b>	36.2%	42.9%	6.7%	Y	<
<b>University of MN Health - Primary Care Center</b>	40.5%	44.0%	3.5%	.	.
<b>University of MN Health - Smiley's Family Medicine Clinic</b>	47.5%	47.3%	-0.3%	.	<
<b>University of MN Physicians - Bethesda Family Medicine Clinic</b>	35.7%	38.6%	2.8%	.	.
<b>University of MN Physicians - Broadway Family Medicine Clinic</b>	24.7%	35.4%	10.7%	.	.
<b>University of MN Physicians - Phalen Village Family Medicine Clinic</b>	34.0%	38.8%	4.8%	.	.
<b>West Side Community Health Services - East Side Family Clinic</b>	29.3%	31.8%	2.5%	.	<
<b>West Side Community Health Services - La Clinica</b>	27.0%	31.7%	4.7%	.	.
<b>Winona Health - Winona Clinic</b>	34.3%	44.8%	10.4%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Optimal Vascular Care

Eighty-eight clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 14 percentage points and is statistically significant. This means that the Optimal Vascular Care statewide rate for MHCP patients (58 percent) was significantly lower than that of Other Purchasers (72 percent).

Eighty of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 28 had significant gaps between purchasers. (See Table 37, Column 5) This means 28 clinics had significantly lower performance rates compared to Other Purchasers. Of the 88 clinics, eight had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). None of the eight clinics had a significantly higher performance rate compared to Other Purchasers.

We also assessed whether the value of the gap between purchasers at a clinic level was significantly different than the gap at the statewide level. Two of the clinics had a significantly larger purchaser gap than the statewide gap; six clinics had a significantly smaller purchaser gap than the statewide gap. Of those six clinics, four had a MHCP rate that was higher than their Other Purchasers rate. (See Column 6)

The **three clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 37 summarizes these findings.

- **St. Cloud Medical Group - South –IHN**
- **St Luke's Clinics-Internal Medicine Associates**
- **University of Minnesota Heart Care at Fairview Southdale Hospital**

**Table 37: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Vascular Care**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	58.3%	72.2%	13.9%	Y	
Affiliated Community Medical Centers - Willmar Clinic	61.2%	74.1%	12.9%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	63.3%	67.1%	3.8%	.	.
Allina Health - Cambridge	56.5%	70.1%	13.6%	Y	.
Allina Health - Coon Rapids	67.2%	76.9%	9.7%	.	.
Allina Health - Faribault	60.0%	76.9%	16.9%	Y	.
Allina Health - Northfield	58.1%	78.3%	20.2%	Y	.
Allina Health Specialties - Metro. Heart & Vascular Inst Buffalo	67.4%	76.6%	9.3%	.	.
Allina Health Specialties - Metrop. Heart & Vascular Inst. Coon Rapids	58.4%	72.6%	14.2%	Y	.
Allina Health Specialties - Metrop. Heart & Vascular Inst. Fridley	62.2%	68.7%	6.4%	.	.
Allina Health Specialties - Minneapolis Heart Institute - Baxter	70.0%	66.9%	-3.1%	.	.
Allina Health Specialties - Minneapolis Heart Institute ANW	69.7%	79.2%	9.5%	Y	.
Allina Health Specialties - Minneapolis Heart Institute Edina	68.4%	77.6%	9.2%	.	.
Allina Health Specialties - New Ulm Medical Center	40.5%	74.6%	34.1%	Y	>
Allina Health Specialties - United Heart and Vascular Clinic	58.4%	72.4%	14.1%	Y	.
CentraCare Clinic - Northway	63.6%	79.0%	15.3%	.	.
CentraCare River Campus-CentraCare Heart & Vascular Center	64.3%	68.4%	4.1%	.	.
CentraCare River Campus-Internal Medicine	70.0%	78.6%	8.6%	.	.
EH-Park Rapids	55.6%	68.3%	12.7%	.	.
Entira Family Clinics - Inver Grove Heights	64.4%	78.6%	14.2%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	58.3%	68.9%	10.5%	.	.
Entira Family Clinics - North St. Paul	59.5%	73.2%	13.7%	.	.
Entira Family Clinics - Shoreview	74.2%	84.3%	10.1%	.	.
Essentia Health - Duluth Clinic 1st St	68.0%	69.9%	1.9%	.	.
Essentia Health - Duluth Clinic Main	60.5%	65.0%	4.5%	.	.
Essentia Health - Virginia Clinic	57.8%	67.0%	9.2%	.	.
Essentia Health - West Duluth Clinic	45.2%	68.4%	23.2%	Y	.
Essentia Health St. Joseph's - Brainerd Clinic	64.5%	68.3%	3.8%	.	.
Essentia Health St. Joseph's Baxter Clinic	61.1%	65.7%	4.6%	.	.
Fairview Burnsville Clinic	58.8%	82.1%	23.2%	Y	.
Fairview Columbia Heights Clinic	52.6%	66.3%	13.7%	.	.
Fairview Eagan Clinic	75.0%	79.7%	4.7%	.	.
Fairview Fridley Clinic	55.6%	67.1%	11.5%	.	.
Fairview Lakes Medical Center	45.7%	65.6%	19.9%	Y	.
Fairview Princeton Clinic	60.5%	67.1%	6.6%	.	.
Family Medical Center	63.0%	68.5%	5.5%	.	.
FirstLight Health System - Mora	54.6%	78.4%	23.9%	Y	.
HealthEast Heart Care-St. Joseph's Hospital	55.8%	53.4%	-2.4%	.	<
HealthEast Rice Street Clinic	67.3%	66.2%	-1.1%	.	.
HealthEast Roselawn Clinic	64.9%	66.2%	1.3%	.	.
HealthPartners - Brooklyn Center	59.4%	80.5%	21.1%	Y	.
HealthPartners - Como	72.2%	69.5%	-2.7%	.	.
HealthPartners - Regions Specialty Ctr	58.2%	78.3%	20.1%	Y	.
HealthPartners - Riverside	64.9%	81.5%	16.6%	Y	.
HealthPartners - St Paul	34.3%	69.4%	35.1%	Y	>
HealthPartners - University Ave	48.7%	68.4%	19.8%	Y	.
HCMC Clinics - Downtown Medicine Clinic	42.3%	52.2%	9.9%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	38.7%	63.8%	25.1%	Y	.
Lake Region Healthcare Clinic Services - Fergus Falls	52.5%	53.7%	1.2%	.	.
Mankato Clinic - Main Street	76.8%	78.4%	1.6%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Med.	42.9%	62.0%	19.1%	Y	.
Mayo Clinic - Speciality Practice	62.2%	69.6%	7.4%	.	.
Mayo Clinic Health System Albert Lea	65.8%	69.2%	3.5%	.	.
Mayo Clinic Health System Austin	49.3%	68.8%	19.6%	Y	.
Mayo Clinic Health System Fairmont	69.7%	70.3%	0.7%	.	.
Mayo Clinic Health System Mankato Eastridge	70.6%	75.6%	5.0%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	75.6%	76.5%	0.9%	.	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 37: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Vascular Care (continued)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	58.3%	72.2%	13.9%	Y	
Mayo Clinic Health System Owatonna	56.7%	74.6%	17.9%	Y	.
Mayo Clinic Health System Red Wing	52.8%	62.0%	9.2%	.	.
Multicare Associates - Blaine Medical Center	72.7%	73.0%	0.3%	.	.
Multicare Associates - Fridley Medical Center	65.0%	74.1%	9.1%	.	.
North Clinic - Oakdale Office in Robbinsdale	42.3%	63.6%	21.3%	Y	.
North Memorial Clinic - Maple Grove	63.6%	71.0%	7.4%	.	.
North Memorial Heart & Vascular Institute	60.1%	69.9%	9.7%	Y	.
Olmsted Medical Center - Rochester Southeast	46.0%	69.4%	23.4%	Y	.
Open Cities Health (Dunlap) - Family Medicine	30.6%	35.3%	4.7%	.	.
Park Nicollet Clinic - Brookdale	59.1%	70.6%	11.5%	.	.
Park Nicollet Clinic - Burnsville	64.6%	79.7%	15.1%	Y	.
Park Nicollet Clinic - Minneapolis	67.7%	83.5%	15.8%	.	.
Park Nicollet Clinic - Shakopee	71.1%	80.8%	9.7%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	67.5%	77.9%	10.4%	.	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	60.0%	81.6%	21.6%	Y	.
Raiter Clinic-IHN	50.0%	53.8%	3.8%	.	.
Sanford Bemidji Main Clinic	42.0%	54.9%	12.9%	.	.
Sanford Bemidji Main Clinic Internal Medicine	73.3%	78.9%	5.5%	.	.
Sanford Health Detroit Lakes Clinic	60.4%	74.4%	13.9%	.	.
Sanford Thief River Falls Clinic	51.4%	64.9%	13.6%	.	.
Sanford Worthington Clinic	63.9%	70.9%	7.0%	.	.
St Luke's Clinics-Cardiology Associates	59.5%	77.0%	17.5%	Y	.
St Luke's Clinics-Internal Medicine Associates	69.5%	68.7%	-0.8%	.	<
St. Cloud Medical Group - NW -IHN	74.5%	78.8%	4.3%	.	.
St. Cloud Medical Group - South -IHN	78.3%	74.0%	-4.3%	.	<
Stillwater Medical Group - Curve Crest Clinic	78.8%	76.6%	-2.1%	.	.
Tri-County Health Care - Wadena Clinic	48.6%	49.6%	1.1%	.	.
United Family Medicine	45.7%	59.4%	13.7%	.	.
University of MN Heart Care at Fairview Ridges Special Care Ctr.	65.8%	77.0%	11.2%	.	.
University of MN Heart Care at Fairview Southdale Hosp.	79.7%	76.0%	-3.7%	.	<
University of MN Heart Care at University of Minnesota Med. Ctr.	61.9%	77.2%	15.2%	Y	.
Winona Health - Winona Clinic	59.1%	59.5%	0.4%	.	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

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## Optimal Asthma Control – Children Ages 5-17

Ninety-six clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 11 percentage points and is statistically significant. This means that the Optimal Asthma Control statewide rate for MHCP children ages 5-17 (53 percent) was significantly lower than that of Other Purchasers (64 percent).

Seventy-three of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 16 had significant gaps between purchasers. (See Table 38, Column 5) That means 16 clinics had significantly lower performance rates compared to Other Purchasers. Of those 96 clinics, 22 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 96 clinics, one clinic had a rate of zero percent for both their MHCP patients and Other Purchaser patients.

We also assessed whether the value of the gap between purchasers at a clinic level was significantly different than the gap at the statewide level. Four clinics had a significantly larger purchaser gap than the statewide gap, while ten clinics had a significantly smaller purchaser gap than the statewide gap. Of those ten clinics, nine had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **five clinics** listed below had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 38 summarizes these findings.

- **Allina Health - Bandana Square (Aspen)**
- **Fairview Lakes Medical Center**
- **HealthPartners - Bloomington**
- **Mankato Clinic - Children's Health Center**
- **Sanford Children's Clinic 69th & Louise**

**Table 38: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Control – Children Ages 5-17**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	53.0%	63.8%	10.8%	Y	
Advancements in Allergy and Asthma Care, Ltd.	87.5%	92.5%	5.0%	.	.
Affiliated Community Medical Centers - Willmar Clinic	68.0%	75.7%	7.7%	.	.
Affiliated Community Medical Centers- Marshall Clinic	63.9%	79.6%	15.7%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	39.7%	34.6%	-5.1%	.	<
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	80.0%	84.6%	4.6%	.	.
Allergy & Asthma Specialists, PA - Plymouth West Health	58.8%	74.8%	16.0%	.	.
Allergy, Asthma & Immunology - Shoreview	50.0%	75.3%	25.3%	Y	.
Allina Health - Bandana Square (Aspen)	76.3%	71.0%	-5.2%	.	<
Allina Health - Bloomington (Aspen)	76.2%	61.4%	-14.8%	.	>
Allina Health - Buffalo	84.4%	87.6%	3.3%	.	.
Allina Health - Cambridge	59.2%	60.1%	0.9%	.	.
Allina Health - Coon Rapids	75.0%	82.0%	7.0%	.	.
Allina Health - Faribault	59.2%	74.6%	15.4%	.	.
Allina Health - West St. Paul	56.8%	68.8%	12.0%	.	.
Allina Health - Woodbury	61.3%	66.9%	5.6%	.	.
Allina Health Specialties - New Ulm Medical Center	64.9%	69.4%	4.5%	.	.
Altru Health System - Main	0.0%	0.0%	0.0%	.	<
Avera Medical Group - Worthington	1.8%	5.9%	4.1%	.	.
CentraCare Health Plaza- Pediatrics	77.9%	89.0%	11.1%	Y	.
Children's General Pediatric Clinic - Minneapolis	55.7%	59.7%	4.0%	.	.
Children's General Pediatric Clinic - St. Paul	52.6%	58.5%	5.9%	.	.
Children's Respiratory & Critical Care Specialists - Minneapolis	61.0%	81.4%	20.4%	Y	>
Children's Respiratory & Critical Care Specialists - Minnetonka	70.6%	84.9%	14.3%	Y	.
Children's Respiratory & Critical Care Specialists - St Paul	58.4%	78.4%	20.0%	Y	>
Essentia Health - Duluth Clinic 1st St	61.7%	71.2%	9.5%	.	.
Essentia Health - South University	70.7%	68.8%	-1.9%	.	.
Essentia Health St. Joseph's Baxter Clinic	53.3%	64.5%	11.2%	.	.
Fairview Andover Clinic	73.7%	75.0%	1.3%	.	.
Fairview Apple Valley Clinic	71.9%	68.3%	-3.5%	.	.
Fairview Brooklyn Park Clinic	57.6%	52.9%	-4.8%	.	.
Fairview Burnsville Clinic	64.1%	73.9%	9.7%	.	.
Fairview Children's Clinic	75.7%	78.3%	2.5%	.	.
Fairview Columbia Heights Clinic	67.5%	79.0%	11.4%	.	.
Fairview Elk River Clinic	59.1%	69.0%	9.9%	.	.
Fairview Fridley Clinic	54.2%	67.6%	13.3%	.	.
Fairview Lakes Medical Center	82.3%	78.1%	-4.2%	.	<
Fairview Milaca Clinic	78.1%	61.9%	-16.2%	.	>
Fairview Oxboro Clinic	66.7%	72.7%	6.1%	.	.
Family Medical Center	7.5%	14.2%	6.7%	.	.
Grand Itasca Clinic	62.9%	60.4%	-2.5%	.	.
HealthEast Maplewood Clinic	26.8%	34.0%	7.2%	.	.
HealthEast Oakdale	21.9%	12.8%	-9.1%	.	<
HealthEast Tamarack Clinic Woodbury	20.8%	27.8%	7.0%	.	.
HealthEast Woodbury Clinic	25.5%	28.0%	2.5%	.	.
HealthPartners - Anoka	71.7%	78.2%	6.5%	.	.
HealthPartners - Apple Valley	64.1%	55.9%	-8.2%	.	.
HealthPartners - Bloomington	69.0%	60.9%	-8.1%	.	<
HealthPartners - Brooklyn Center	68.8%	69.6%	0.8%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 38: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Control – Children Ages 5-17 (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	53.0%	63.8%	10.8%	Y	
HealthPartners - Como	60.0%	64.9%	4.9%	.	.
HealthPartners - Coon Rapids	72.4%	70.3%	-2.1%	.	.
HealthPartners - Maplewood	59.1%	78.3%	19.2%	Y	.
HealthPartners - Midway	56.6%	51.5%	-5.1%	.	.
HealthPartners - Riverside	57.0%	57.9%	0.9%	.	.
HealthPartners - St Paul	56.9%	77.6%	20.7%	Y	.
HealthPartners - White Bear Lake	52.5%	62.0%	9.5%	.	.
HealthPartners - Woodbury	70.0%	75.2%	5.2%	.	.
HealthPartners Central Minnesota Clinics	67.8%	75.6%	7.8%	.	.
HCMC Clinics - Brooklyn Park Clinic	57.3%	60.0%	2.7%	.	.
HCMC Clinics - Downtown Pediatric Clinic	57.5%	61.8%	4.2%	.	.
Mankato Clinic - Children's Health Center	78.6%	71.8%	-6.8%	.	<
Mankato Clinic - Daniel's Health Center	86.7%	83.7%	-2.9%	.	.
Mayo Clinic - Baldwin Building, Pediatrics	61.5%	73.5%	11.9%	.	.
Mayo Clinic - Speciality Practice	41.3%	50.0%	8.7%	.	.
Mayo Clinic Health System Albert Lea	64.4%	69.1%	4.7%	.	.
Mayo Clinic Health System Austin	76.5%	74.7%	-1.7%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	55.6%	51.4%	-4.2%	.	.
Mayo Clinic Health System Red Wing	61.3%	77.5%	16.2%	.	.
Metropolitan Pediatric Specialists - Burnsville	65.2%	68.0%	2.8%	.	.
Olmsted Medical Center - Rochester Southeast	81.2%	88.5%	7.3%	.	.
Park Nicollet Clinic - Bloomington	65.9%	80.7%	14.8%	Y	.
Park Nicollet Clinic - Brookdale	51.7%	64.4%	12.7%	Y	.
Park Nicollet Clinic - Burnsville	73.6%	77.9%	4.3%	.	.
Park Nicollet Clinic - Chanhassen	35.1%	62.2%	27.0%	Y	.
Park Nicollet Clinic - Eagan	70.6%	80.2%	9.6%	.	.
Park Nicollet Clinic - Lakeville	63.3%	80.5%	17.2%	.	.
Park Nicollet Clinic - Maple Grove	55.9%	65.2%	9.3%	.	.
Park Nicollet Clinic - Minneapolis	54.3%	67.4%	13.1%	.	.
Park Nicollet Clinic - Shakopee	77.9%	90.9%	12.9%	Y	.
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	62.4%	78.6%	16.2%	Y	.
Sanford 26th and Sycamore Family Medicine	24.2%	33.3%	9.1%	.	.
Sanford 49th and Oxbow Family Medicine	37.5%	33.7%	-3.8%	.	.
Sanford 69th and Minnesota Family Medicine	44.7%	34.9%	-9.8%	.	<
Sanford Aberdeen Clinic	23.7%	19.8%	-3.9%	.	<
Sanford Children's Clinic 26th & Sycamore	58.8%	72.0%	13.2%	Y	.
Sanford Children's Clinic 69th & Louise	72.6%	71.0%	-1.6%	.	<
Sanford Children's Clinic MB2	68.9%	70.6%	1.7%	.	.
Sanford Children's Southwest Clinic	57.6%	70.3%	12.8%	Y	.
Sanford Children's Specialty Clinic	39.6%	57.6%	18.1%	Y	.
Sanford Health Mitchell Clinic	18.8%	29.4%	10.7%	.	.
Sanford Health Watertown Clinic	45.7%	47.3%	1.6%	.	.
Sanford Southpointe Clinic	56.7%	72.3%	15.6%	Y	.
Sanford Worthington Clinic	51.0%	59.5%	8.4%	.	.
South Lake Pediatrics - Eden Prairie	76.7%	90.8%	14.1%	.	.
South Lake Pediatrics - Minnetonka	87.1%	89.4%	2.3%	.	.
Stillwater Medical Group - Curve Crest Clinic	61.3%	71.3%	10.0%	.	.
Winona Health - Winona Clinic	22.7%	31.5%	8.8%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Optimal Asthma Control – Adults Ages 18-50

One hundred and thirty-four clinics met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is 17 percentage points and is statistically significant. This means the Optimal Asthma Control statewide rate for MHCP adult patients ages 18-50 (42 percent) was significantly lower than that of Other Purchasers (58 percent).

One hundred and twenty-five clinics had rates for MHCP patients that were lower than Other Purchasers; 42 of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Eight clinics had rates for MHCP adult patients ages 18-50 that were higher than Other Purchasers (designated with negative signs in Table 39, Column 4); however, none of these clinics had MHCP patients with significantly higher performance rates. Also of those 134 clinics, one clinic had a rate of zero percent for both their MHCP patients and Other Purchaser patients.

We also assessed whether the gap between purchasers at a clinic level was significantly different than the gap found at the statewide level. For the Optimal Asthma Control – Adults Ages 18-50 measure, 26 clinics had purchaser gaps that were significantly different than the statewide gap. There were no clinics had a gap significantly bigger than the statewide gap, and 26 clinics had a rate significantly smaller than the statewide gap. Seven of those 26 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **six clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 39 summarizes these findings.

- **Allina Health - Cambridge**
- **Essentia Health - Detroit Lakes**
- **Fairview Zimmerman Clinic**
- **HCMC Clinics - Richfield Clinic**
- **Park Nicollet Clinic - Bloomington**
- **Sanford Health Broadway Clinic**

**Table 39: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	41.7%	57.8%	16.5%	Y	
Affiliated Community Medical Centers - Willmar Clinic	48.8%	62.7%	13.9%	Y	.
Affiliated Community Medical Centers- Marshall Clinic	54.2%	65.7%	11.6%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	48.8%	65.0%	16.2%	.	.
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	47.4%	69.3%	22.0%	Y	.
Allergy & Asthma Specialists, PA - Plymouth West Health	58.8%	71.9%	13.1%	.	.
Allina Health - Bandana Square (Aspen)	64.6%	67.9%	3.3%	.	<
Allina Health - Bloomington (Aspen)	51.6%	68.4%	16.8%	.	.
Allina Health - Buffalo	79.7%	84.4%	4.7%	.	.
Allina Health - Cambridge	72.4%	67.2%	-5.2%	.	<
Allina Health - Coon Rapids	67.0%	70.9%	3.9%	.	<
Allina Health - Cottage Grove	65.5%	68.9%	3.4%	.	.
Allina Health - Eagan	73.9%	85.2%	11.3%	.	.
Allina Health - East Lake Street (Aspen)	67.4%	73.1%	5.7%	.	.
Allina Health - Faribault	79.0%	80.2%	1.2%	.	<
Allina Health - First Street	71.1%	82.1%	11.1%	.	.
Allina Health - Forest Lake	65.0%	78.3%	13.3%	.	.
Allina Health - Maplewood (Aspen)	54.8%	73.8%	19.0%	Y	.
Allina Health - Nicollet Mall	52.6%	68.6%	16.0%	.	.
Allina Health - Northfield	71.4%	75.5%	4.1%	.	.
Allina Health - Richfield	67.3%	72.1%	4.8%	.	.
Allina Health - West St. Paul	67.2%	69.1%	1.9%	.	<
Allina Health - Woodbury	56.3%	65.1%	8.9%	.	.
Allina Health Specialties - New Ulm Medical Center	70.0%	74.3%	4.3%	.	.
Apple Valley Medical Clinic - Family Practice	45.2%	48.9%	3.7%	.	.
Buffalo Clinic-Monticello: IHN	11.6%	19.7%	8.0%	.	.
CentraCare Clinic - Northway	82.1%	84.0%	1.9%	.	.
CentraCare Family Health Center	47.8%	76.5%	28.6%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	0.0%	5.4%	5.4%	.	<
Duluth Family Medicine Clinic	21.4%	26.7%	5.2%	.	.
Entira Family Clinics - North St. Paul	45.5%	46.6%	1.1%	.	.
Essentia Health - Detroit Lakes	66.7%	56.0%	-10.7%	.	<
Essentia Health - Duluth Clinic	32.3%	45.9%	13.6%	.	.
Essentia Health - Duluth Clinic 1st St	67.7%	69.1%	1.4%	.	<
Essentia Health - Lakeside Clinic	39.4%	47.2%	7.8%	.	.
Essentia Health - St. Mary's-Superior Clinic	52.8%	71.9%	19.1%	Y	.
Essentia Health - West Duluth Clinic	50.0%	75.6%	25.6%	Y	.
Essentia Health St. Joseph's - Brainerd Clinic	52.1%	67.0%	14.9%	.	.
Essentia Health St. Joseph's Baxter Clinic	62.2%	63.4%	1.2%	.	.
Fairview Andover Clinic	50.0%	68.0%	18.0%	Y	.
Fairview Apple Valley Clinic	60.0%	65.2%	5.2%	.	.
Fairview Blaine Clinic	55.6%	57.8%	2.2%	.	.
Fairview Bloomington Lake Minneapolis	30.3%	41.2%	10.9%	.	.
Fairview Bloomington Lake Xerxes	52.9%	66.7%	13.7%	.	.
Fairview Brooklyn Park Clinic	53.6%	62.6%	8.9%	.	.
Fairview Burnsville Clinic	54.7%	72.7%	18.0%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 39: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50 (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	41.7%	57.8%	16.5%	Y	
Fairview Chisago Lakes Clinic	59.1%	73.6%	14.5%	.	.
Fairview Columbia Heights Clinic	57.9%	78.8%	20.9%	Y	.
Fairview Eagan Clinic	51.3%	75.2%	23.9%	Y	.
Fairview EdenCenter Clinic	61.1%	71.1%	10.0%	.	.
Fairview Elk River Clinic	63.6%	71.1%	7.5%	.	.
Fairview Fridley Clinic	62.8%	71.5%	8.7%	.	.
Fairview Hiawatha Clinic	58.5%	66.7%	8.2%	.	.
Fairview Highland Park Clinic	61.1%	71.6%	10.5%	.	.
Fairview Lakes Medical Center	55.1%	71.2%	16.1%	Y	.
Fairview Lino Lakes Clinic	65.1%	72.8%	7.7%	.	.
Fairview Milaca Clinic	58.8%	66.7%	7.8%	.	.
Fairview New Brighton Clinic	69.4%	70.4%	1.0%	.	<
Fairview North Branch Clinic	56.1%	81.4%	25.3%	Y	.
Fairview Oxboro Clinic	69.2%	72.5%	3.2%	.	.
Fairview Princeton Clinic	64.1%	64.4%	0.3%	.	<
Fairview Prior Lake Clinic	58.1%	81.7%	23.7%	Y	.
Fairview Riverside	46.2%	67.8%	21.7%	Y	.
Fairview Uptown Clinic	75.0%	81.4%	6.4%	.	.
Fairview Zimmerman Clinic	66.7%	52.8%	-13.9%	.	<
Family Medical Center	1.1%	2.0%	0.9%	.	<
Grand Itasca Clinic	38.1%	57.0%	19.0%	Y	.
HealthEast Cottage Grove Clinic	12.5%	16.6%	4.1%	.	<
HealthEast Grand Avenue Clinic	13.5%	18.1%	4.6%	.	<
HealthEast Maplewood Clinic	11.8%	25.9%	14.1%	Y	.
HealthEast Midway Clinic	7.9%	13.7%	5.8%	.	<
HealthEast Oakdale	30.7%	35.7%	5.0%	.	.
HealthEast Rice Street Clinic	15.2%	21.1%	6.0%	.	.
HealthEast Roselawn Clinic	20.7%	28.1%	7.4%	.	.
HealthEast Tamarack Clinic Woodbury	25.0%	26.9%	1.9%	.	<
HealthEast Woodbury Clinic	8.1%	23.9%	15.8%	Y	.
HealthPartners - Anoka	49.1%	57.4%	8.3%	.	.
HealthPartners - Apple Valley	51.6%	63.6%	12.0%	.	.
HealthPartners - Bloomington	37.3%	61.9%	24.7%	Y	.
HealthPartners - Brooklyn Center	51.1%	64.4%	13.3%	.	.
HealthPartners - Como	51.9%	76.4%	24.6%	Y	.
HealthPartners - Coon Rapids	57.7%	75.0%	17.4%	Y	.
HealthPartners - Hlth Ctr for Women	51.2%	77.0%	25.8%	Y	.
HealthPartners - Maplewood	57.9%	68.1%	10.2%	.	.
HealthPartners - Midway	25.4%	35.3%	9.9%	.	.
HealthPartners - Riverside	58.0%	59.4%	1.3%	.	<
HealthPartners - St Paul	34.3%	53.9%	19.5%	Y	.
HealthPartners - Woodbury	45.8%	71.1%	25.3%	Y	.
HealthPartners Central Minnesota Clinics	70.6%	71.7%	1.1%	.	<
HCMC Clinics - Downtown Medicine Clinic	13.2%	13.5%	0.3%	.	<
HCMC Clinics - Internal Medicine Clinic at Parkside	17.4%	39.7%	22.3%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 39: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50 (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	41.7%	57.8%	16.5%	Y	
HCM Clinics - Richfield Clinic	52.6%	36.4%	-16.3%	.	<
HCMC Clinics - Whittier Clinic	28.2%	36.0%	7.8%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	20.8%	25.8%	5.0%	.	.
Mankato Clinic - Main Street	36.8%	61.4%	24.6%	Y	.
Mankato Clinic - Wickersham Campus	47.8%	76.7%	28.9%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	25.7%	51.9%	26.2%	Y	.
Mayo Clinic - Speciality Practice	14.7%	30.3%	15.6%	.	.
Mayo Clinic Health System Albert Lea	27.3%	56.1%	28.9%	Y	.
Mayo Clinic Health System Austin	35.9%	46.2%	10.3%	.	.
Mayo Clinic Health System Mankato Eastridge	44.2%	48.2%	4.0%	.	.
Mayo Clinic Health System Mankato Northridge	54.2%	69.1%	15.0%	.	.
Mayo Clinic Health System Owatonna	28.2%	60.0%	31.8%	Y	.
Mayo Clinic Health System Red Wing	65.9%	69.7%	3.8%	.	.
Mayo Clinic Health System St. Peter	47.1%	47.5%	0.5%	.	.
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.0%	0.0%	.	<
Northwest Family Physicians - Crystal	31.9%	61.5%	29.6%	Y	.
Olmsted Medical Center - Rochester Southeast	54.4%	74.6%	20.2%	Y	.
Park Nicollet Clinic - Bloomington	69.1%	67.8%	-1.2%	.	<
Park Nicollet Clinic - Brookdale	47.4%	62.8%	15.4%	Y	.
Park Nicollet Clinic - Burnsville	46.1%	68.6%	22.5%	Y	.
Park Nicollet Clinic - Chanhausen	37.8%	56.6%	18.8%	Y	.
Park Nicollet Clinic - Eagan	51.2%	72.0%	20.8%	Y	.
Park Nicollet Clinic - Maple Grove	60.4%	73.4%	12.9%	.	.
Park Nicollet Clinic - Minneapolis	29.3%	52.3%	23.1%	Y	.
Park Nicollet Clinic - Shakopee	64.3%	81.3%	17.0%	Y	.
Park Nicollet Clinic - St. Louis Park Asthma and Allergy	58.1%	66.8%	8.8%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	44.2%	69.3%	25.2%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	43.1%	63.3%	20.1%	Y	.
Raiter Clinic-IHN	0.0%	0.8%	0.8%	.	<
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	36.7%	35.4%	-1.2%	.	.
Sanford 26th and Sycamore Family Medicine	18.2%	19.9%	1.7%	.	<
Sanford 41st and Sertoma Family Medicine	15.6%	33.6%	18.0%	Y	.
Sanford 49th and Oxbow Family Medicine	27.9%	39.8%	11.9%	.	.
Sanford 69th and Minnesota Family Medicine	33.3%	36.9%	3.6%	.	.
Sanford Aberdeen Clinic	20.9%	17.6%	-3.3%	.	<
Sanford Bemidji Main Clinic Family Medicine	33.3%	37.3%	4.0%	.	.
Sanford Health Broadway Clinic	42.4%	27.5%	-15.0%	.	<
Sanford Health Watertown Clinic	13.3%	18.0%	4.7%	.	.
Sanford Southpointe Family Medicine	40.5%	68.8%	28.3%	Y	.
Sanford Worthington Clinic	34.2%	45.9%	11.8%	.	.
St. Cloud Medical Group - NW- IHN	25.5%	34.4%	8.9%	.	.
Stillwater Medical Group - Curve Crest Clinic	50.7%	60.5%	9.8%	.	.
United Family Medicine	44.2%	49.4%	5.2%	.	.
Winona Health - Winona Clinic	3.4%	22.7%	19.3%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

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## Controlling High Blood Pressure

Twenty-one medical groups met the minimum reporting requirement of at least 60 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was seven percentage points and is statistically significant. This means that the Controlling High Blood Pressure statewide rate for MHCP patients (70 percent) was significantly lower than that of Other Purchasers (77 percent).

Of the 21 medical groups, 16 of them had rates for MHCP patients that were lower than Other Purchasers; three of these medical groups' rate differences were statistically significant. (See Table 40, Column 5) Five medical groups had higher rates for MHCP patients than Other Purchasers and this was statistically significant for one clinic. (See Column 4)

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Controlling High Blood Pressure measure, five medical groups had purchaser gaps that were significantly different than the statewide gap. Two of those medical groups had gaps significantly larger than the statewide gap, and three clinics had a gap significantly smaller than the statewide gap. (See Column 6)

The **three medical groups** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 40 summarizes these findings.

- **HealthEast Clinics**
- **HealthPartners Clinics**
- **Mayo Clinic Health System - Albert Lea and Austin**

**Table 40: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Controlling High Blood Pressure**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	69.6%	76.6%	6.96%	Y	
<b>Affiliated Community Medical Centers</b>	75.2%	83.0%	7.8%	.	.
Alexandria Clinic	64.0%	71.2%	7.2%	.	.
Allina Health Specialties	77.6%	79.5%	1.9%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	51.7%	60.9%	9.2%	.	.
CentraCare Health	82.1%	68.5%	-13.6%	Y	>
Entira Family Clinics (formerly Family Health Services MN)	90.8%	91.5%	0.7%	.	.
Essentia Health - Central Region	75.8%	73.0%	-2.8%	.	.
Essentia Health - East Region	78.1%	80.1%	2.0%	.	.
Fairview Medical Group	72.7%	77.8%	5.1%	.	.
HealthEast Clinics	81.7%	77.4%	-4.3%	.	<
HealthPartners Clinics	71.2%	65.3%	-5.9%	.	<
Hutchinson Health	64.4%	72.9%	8.5%	.	.
Mayo Clinic Health System - Albert Lea and Austin	72.7%	65.1%	-7.6%	.	<
Mayo Clinic Health System-Owatonna	79.6%	88.3%	8.8%	.	.
North Clinic	51.7%	58.7%	7.0%	.	.
North Memorial	70.6%	73.3%	2.7%	.	.
Park Nicollet Health Services	72.2%	80.4%	8.3%	Y	.
Sanford Health - Fargo Region	72.3%	76.7%	4.5%	.	.
Sanford Health - Sioux Falls Region	61.9%	90.7%	28.8%	Y	>
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	62.7%	79.9%	17.2%	Y	.
St. Luke's Clinics	65.9%	70.3%	4.4%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Appropriate Testing for Children with Pharyngitis

Sixty-six medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is two percentage points and is statistically significant. This means that the Appropriate Testing for Children with Pharyngitis statewide rate for MHCP patients (88 percent) was significantly lower than that of Other Purchasers (90 percent).

Sixteen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Thirty-seven medical groups had rates for MHCP patients that were lower than Other Purchasers, and seven of them had significantly lower MHCP rates compared to Other Purchasers within the medical group. (See Table 41, Column 5) Twenty-seven medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4) and this was statistically significant for five clinics.

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Appropriate Testing for Children with Pharyngitis measure, 12 medical groups had purchaser gaps that were significantly different than the statewide gap. Eleven of those medical groups had a gap that was significantly larger than the statewide gap, while one had a gap significantly smaller than the statewide. (See Column 6)

One medical group (**Target Clinic**) had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 41 summarizes these findings.

**Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Testing for Children with Pharyngitis**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	88.2%	89.9%	1.7%	Y	
Affiliated Community Medical Centers	81.0%	77.9%	-3.1%	.	.
Alexandria Clinic	84.9%	87.0%	2.1%	.	.
All About Children Pediatrics - Children's Health Network	97.0%	99.0%	2.0%	.	.
Allina Health Specialties	91.0%	91.5%	0.5%	.	.
Altru Health System	29.3%	48.9%	19.6%	Y	>
Apple Valley Medical Clinic	89.6%	97.1%	7.5%	Y	.
Avera Medical Group - Pipestone	56.6%	44.3%	-12.3%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	52.3%	82.7%	30.4%	Y	>
Buffalo Clinic, PA - IHN	93.0%	95.6%	2.6%	.	.
CentraCare Health	85.0%	91.8%	6.8%	Y	.
Central Pediatrics	97.1%	99.5%	2.3%	.	.
Children's Clinic Network	96.5%	95.6%	-0.9%	.	.
Children's Health Care	98.6%	96.0%	-2.6%	.	>
Emergency Physicians, P.A.	92.9%	84.4%	-8.5%	Y	>
Entira Family Clinics (formerly Family Health Services MN)	91.5%	92.7%	1.3%	.	.
Essentia Health - Central Region	75.5%	81.0%	5.4%	.	.
Essentia Health - East Region	79.8%	77.8%	-2.1%	.	.
Essentia Health - St. Mary's	83.6%	71.8%	-11.8%	.	.
Essentia Health - West	86.5%	71.9%	-14.6%	Y	>
Express Healthcare	98.7%	98.6%	-0.1%	.	.
Fairview Medical Group	94.1%	95.0%	0.9%	.	.
Fairview Mesaba Clinics	57.8%	66.7%	8.9%	.	.
Family Practice Medical Center of Willmar	98.0%	92.3%	-5.7%	.	.
FamilyHealth Medical Clinics	100.0%	94.0%	-6.0%	.	.
FirstLight Health System	95.2%	95.2%	0.1%	.	.
Fridley Children's & Teenagers' Med. Ctr. - Children's Physician Ntwk.	97.1%	98.8%	1.8%	.	.
Glenwood Medical Center	90.9%	93.0%	2.1%	.	.
Grand Itasca Clinic	96.2%	95.7%	-0.4%	.	.
HealthEast Clinics	89.9%	95.3%	5.5%	.	.
HealthPartners Clinics	97.7%	98.7%	1.0%	.	.
Hutchinson Health	85.7%	85.7%	0.0%	.	.
Lakeview Clinic	91.3%	89.5%	-1.8%	.	.
Lakewood Health System	85.3%	93.0%	7.8%	.	.
Mankato Clinic, Ltd.	96.9%	95.0%	-1.9%	.	>
Mayo Clinic	87.0%	87.0%	0.0%	.	.
Mayo Clinic Health System - Albert Lea and Austin	90.1%	79.8%	-10.3%	Y	>

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Testing for Children with Pharyngitis (continued)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
<b>Statewide</b>	<b>88.2%</b>	<b>89.9%</b>	<b>1.7%</b>	<b>Y</b>	
Mayo Clinic Health System - Mankato	33.8%	22.7%	-11.1%	.	.
Mayo Clinic Health System - New Prague	79.5%	93.3%	13.9%	Y	>
Mayo Clinic Health System - Red Wing	80.0%	83.0%	3.0%	.	.
Mayo Clinic Health System - Waseca	88.7%	97.9%	9.1%	.	.
Mayo Clinic Health System-Owatonna	83.0%	88.7%	5.7%	.	.
MinuteClinic	72.7%	73.5%	0.8%	.	.
Multicare Associates	98.8%	99.4%	0.6%	.	.
North Clinic	93.2%	98.0%	4.7%	.	.
North Memorial	80.5%	89.4%	8.9%	.	.
Northwest Family Physicians	90.5%	89.9%	-0.5%	.	.
Olmsted Medical Center	94.1%	97.6%	3.5%	Y	.
Park Nicollet Health Services	97.7%	97.5%	-0.1%	.	.
Pediatric & Young Adult Medicine	100.0%	98.8%	-1.2%	.	.
Pediatric Services - Children's Physician Network	97.9%	98.0%	0.2%	.	.
Priority Pediatrics Urgent Care	94.9%	95.8%	0.9%	.	.
Ridgeview Clinics	47.6%	29.0%	-18.6%	.	>
RiverView Health	73.8%	66.0%	-7.8%	Y	>
Sanford Health - Fargo Region	76.0%	80.7%	4.7%	.	.
Sanford Health - Sioux Falls Region	95.0%	76.4%	-18.6%	Y	>
South Lake Pediatrics	100.0%	97.9%	-2.1%	.	.
Southdale Pediatric Associates, Ltd	100.0%	94.7%	-5.3%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	90.4%	98.1%	7.7%	Y	.
St. Luke's Clinics	88.3%	90.7%	2.4%	.	.
Stevens Community Medical Center	94.7%	95.9%	1.2%	.	.
Stillwater Medical Group	94.5%	100.0%	5.5%	.	.
Target Clinic	99.0%	98.3%	-0.7%	.	<
United Hospital District Clinic	68.8%	70.2%	1.4%	.	.
Unity Family Healthcare - Avon	80.5%	74.8%	-5.8%	.	.
Wayzata Children's Clinic	96.9%	99.5%	2.6%	.	.
Winona Health Services	92.2%	91.7%	-0.5%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Appropriate Treatment for Children with URI

Sixty-six medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is negative three percentage points and is statistically significant. The sign is negative; however, which means the Appropriate Treatment for Children with URI rate for MHCP patients (92 percent) was significantly higher than that of Other Purchasers (89 percent).

Seventeen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Twenty-one medical groups had rates for MHCP patients that were lower than Other Purchasers, however, only one of those medical groups had a significantly lower MHCP rate compared to Other Purchaser rate. (See Table 42, Column 5) Forty-five medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4).

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Appropriate Treatment for Children with URI measure, nine medical groups had purchaser gaps that were significantly different than the statewide gap. Five of those medical groups had a gap that was significantly larger than the statewide gap, while four had a gap significantly smaller than the statewide gap. For two medical groups, their MHCP performance rate was lower than Other Purchasers rate. (See Column 6)

The **two medical groups** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 42 summarizes these findings.

- **Children's Clinic Network**
- **Wayzata Children's Clinic**

**Table 42: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Treatment for Children with URI**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	92.0%	88.8%	-3.2%	Y	
Affiliated Community Medical Centers	92.9%	86.1%	-6.9%	Y	.
Alexandria Clinic	85.3%	76.6%	-8.7%	.	.
All About Children Pediatrics - Children's Health Network	97.6%	98.5%	0.8%	.	.
Allina Health Specialties	97.3%	94.2%	-3.1%	Y	.
Altru Health System	76.0%	75.5%	-0.5%	.	.
Apple Valley Medical Clinic	71.7%	75.5%	3.8%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	74.1%	77.2%	3.2%	.	.
Buffalo Clinic, PA - IHN	97.7%	99.4%	1.7%	.	<
CentraCare Health	94.0%	88.1%	-5.9%	Y	.
Central Pediatrics	95.7%	94.6%	-1.1%	.	.
Children's Clinic Network	97.7%	97.0%	-0.7%	.	<
Children's Health Care	96.3%	95.2%	-1.1%	.	.
Emergency Physicians, P.A.	96.5%	95.8%	-0.7%	.	.
Entira Family Clinics (formerly Family Health Services MN)	92.4%	90.0%	-2.4%	.	.
Essentia Health - Central Region	91.0%	84.2%	-6.8%	.	.
Essentia Health - East Region	94.5%	93.8%	-0.7%	.	.
Essentia Health - Fosston	58.8%	51.6%	-7.2%	.	.
Essentia Health - St. Mary's	86.3%	87.8%	1.5%	.	.
Essentia Health - West	86.2%	80.3%	-5.9%	.	.
Fairview Medical Group	93.8%	94.8%	1.1%	.	<
Fairview Mesaba Clinics	93.9%	91.2%	-2.8%	.	.
Family Practice Medical Center of Willmar	93.0%	86.5%	-6.5%	.	.
FamilyHealth Medical Clinics	92.7%	92.9%	0.2%	.	.
FirstLight Health System	96.9%	97.4%	0.6%	.	.
Fridley Children's & Teenagers' Medical Ctr.-Children's Physician Ntwk.	98.9%	98.5%	-0.4%	.	.
Glencoe Regional Health Services	90.4%	92.5%	2.1%	.	.
Grand Itasca Clinic	86.8%	86.4%	-0.4%	.	.
HealthEast Clinics	97.5%	96.9%	-0.6%	.	.
HealthPartners Clinics	97.2%	94.6%	-2.7%	Y	.
Hennepin County Medical Center (HCMC) Clinics	98.9%	94.6%	-4.3%	Y	.
Hutchinson Health	97.5%	88.2%	-9.2%	Y	.
Lakeview Clinic	86.7%	91.0%	4.4%	.	.
Lakewood Health System	85.0%	71.0%	-14.0%	Y	.
Mankato Clinic, Ltd.	89.5%	83.1%	-6.4%	Y	.
Mayo Clinic	97.0%	93.6%	-3.5%	.	.
Mayo Clinic Health System - Albert Lea and Austin	90.6%	80.5%	-10.1%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 42: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Treatment for Children with URI (continued)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	92.0%	88.8%	-3.2%	Y	
Mayo Clinic Health System - Mankato	93.1%	83.8%	-9.4%	Y	.
Mayo Clinic Health System - New Prague	84.9%	79.3%	-5.5%	.	.
Mayo Clinic Health System - Red Wing	81.4%	72.1%	-9.3%	.	.
Mayo Clinic Health System - Waseca	76.3%	94.1%	17.8%	Y	>
Mayo Clinic Health System-Owatonna	89.2%	85.1%	-4.1%	.	.
MinuteClinic	97.9%	97.1%	-0.8%	.	.
Multicare Associates	89.6%	91.5%	1.9%	.	.
North Clinic	94.3%	94.4%	0.2%	.	.
North Memorial	94.6%	91.3%	-3.3%	.	.
Northwest Family Physicians	80.0%	92.6%	12.6%	.	>
Olmsted Medical Center	88.7%	88.5%	-0.2%	.	.
Park Nicollet Health Services	96.2%	94.4%	-1.8%	.	.
Pediatric & Young Adult Medicine	93.3%	96.4%	3.0%	.	.
Pediatric Services - Children's Physician Network	100.0%	97.1%	-2.9%	.	.
Priority Pediatrics Urgent Care	100.0%	91.6%	-8.4%	.	.
Ridgeview Clinics	92.3%	92.9%	0.6%	.	.
RiverView Health	87.3%	63.0%	-24.4%	Y	>
Sanford Health - Fargo Region	89.9%	85.5%	-4.4%	Y	.
Sanford Health - Sioux Falls Region	83.7%	85.1%	1.4%	.	.
South Lake Pediatrics	100.0%	99.4%	-0.6%	.	.
Southdale Pediatric Associates, Ltd	96.4%	96.2%	-0.2%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	88.9%	85.1%	-3.8%	.	.
St. Luke's Clinics	89.1%	86.4%	-2.8%	.	.
Stevens Community Medical Center	90.6%	88.6%	-2.1%	.	.
Stillwater Medical Group	97.4%	94.3%	-3.1%	.	.
Target Clinic	88.8%	92.9%	4.1%	.	>
United Hospital District Clinic	66.1%	83.3%	17.3%	.	>
Unity Family Healthcare - Avon	84.9%	91.2%	6.3%	.	.
Wayzata Children's Clinic	100.0%	99.4%	-0.6%	.	<
Winona Health Services	94.3%	95.5%	1.2%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Colorectal Cancer Screening

Four hundred and ninety clinics met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is 20 percentage points and is statistically significant. This means the Colorectal Cancer Screening statewide rate for MHCP patients (54 percent) was significantly lower than that of Other Purchasers (74 percent).

Of those 490 clinics, 468 of them had rates for MHCP patients that were lower than Other Purchasers; 376 of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Twenty-two clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 43, Column 4); however, only one of these clinics had MHCP patients with significantly higher performance rates.

We also assessed whether the gap between purchasers at a clinic level was significantly different than the gap found at the statewide level. For colorectal cancer screening, 163 clinics had purchaser gaps that were significantly different than the statewide gap. Fifteen clinics had a gap significantly larger than the statewide gap, and 148 clinics had a rate significantly smaller than the statewide gap. Twenty-two of those 148 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **fifteen clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 43 summarizes these findings.

- **Essentia Health Bagley**
- **Fairview Riverside Primary Care Clinic**
- **Hendricks Clinic**
- **Hennepin County Medical Center (HCMC) Clinics - St. Anthony Village Clinic**
- **Lakewood Health System - Staples Clinic**
- **Mayo Clinic Health System New Richland**
- **Mayo Clinic Health System Waterville**
- **Obstetrics, Gynecology and Infertility - Edina**
- **Range Regional Health Services dba Fairview Mesaba Clinic - Mountain Iron**
- **Sanford 26th and Sycamore Family Medicine**
- **Sanford 49th and Oxbow Family Medicine**
- **Sanford Canton-Inwood Clinic**
- **Sanford Health Brookings Clinic**
- **Sanford Health Pierre Clinic**
- **Southdale Obstetrics and Gynecology Consultants- Edina**

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
AALFA Family Clinic-MHN	66.7%	67.7%	1.0%	.	<
Affiliated Community Medical Centers - Benson Clinic	64.9%	73.4%	8.5%	.	<
Affiliated Community Medical Centers - Granite Falls Clinic	31.9%	65.0%	33.2%	Y	>
Affiliated Community Medical Centers - Litchfield Clinic (East)	58.9%	74.9%	16.0%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	53.5%	71.1%	17.6%	Y	.
Affiliated Community Medical Centers - New London Clinic	61.0%	78.9%	17.9%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	52.7%	74.2%	21.5%	Y	.
Affiliated Community Medical Centers - Willmar Clinic	63.6%	84.5%	20.9%	Y	.
Affiliated Community Medical Centers- Marshall Clinic	64.8%	75.1%	10.4%	Y	<
Albany Medical Center	61.0%	70.0%	9.1%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	65.2%	77.6%	12.4%	Y	<
Allina Health - Annandale	69.8%	73.9%	4.1%	.	<
Allina Health - Bandana Square (Aspen)	64.7%	81.8%	17.1%	Y	.
Allina Health - Blaine	72.1%	82.7%	10.6%	Y	<
Allina Health - Bloomington (Aspen)	64.3%	75.1%	10.8%	Y	<
Allina Health - Brooklyn Park	58.3%	80.0%	21.8%	Y	.
Allina Health - Buffalo	75.6%	83.3%	7.8%	Y	<
Allina Health - Burnsville (Quello)	62.9%	79.1%	16.2%	Y	.
Allina Health - Cambridge	65.0%	78.1%	13.1%	Y	<
Allina Health - Centennial Lakes (Quello)	70.8%	82.3%	11.4%	Y	<
Allina Health - Champlin	61.8%	78.5%	16.7%	Y	.
Allina Health - Chanhassen (Quello)	79.8%	83.1%	3.3%	.	<
Allina Health - Chaska	63.3%	79.7%	16.4%	Y	.
Allina Health - Cokato	61.2%	76.1%	14.8%	Y	.
Allina Health - Coon Rapids	68.1%	80.1%	11.9%	Y	<
Allina Health - Cottage Grove	60.5%	74.1%	13.6%	Y	<
Allina Health - Dean Lakes	61.5%	76.6%	15.0%	Y	.
Allina Health - Eagan	63.4%	79.1%	15.8%	Y	.
Allina Health - East Lake Street (Aspen)	64.0%	76.0%	12.0%	Y	<
Allina Health - Edina	63.8%	83.4%	19.6%	Y	.
Allina Health - Elk River	48.5%	75.1%	26.6%	Y	.
Allina Health - Faribault	58.7%	82.3%	23.6%	Y	.
Allina Health - Farmington	65.4%	78.7%	13.3%	Y	.
Allina Health - First Street	57.3%	79.2%	22.0%	Y	.
Allina Health - Forest Lake	67.6%	78.6%	11.0%	Y	<
Allina Health - Fridley	55.7%	77.2%	21.5%	Y	.
Allina Health - Highland Park (Aspen)	67.5%	80.9%	13.5%	Y	.
Allina Health - Hopkins (Aspen)	68.6%	82.3%	13.7%	Y	.
Allina Health - Inver Grove Heights (Aspen)	68.8%	75.3%	6.5%	.	<
Allina Health - Isles	67.8%	81.2%	13.3%	Y	.
Allina Health - Lakeville (Quello)	55.3%	81.3%	26.0%	Y	.
Allina Health - Maple Grove	58.9%	75.1%	16.2%	Y	.
Allina Health - Maplewood (Aspen)	60.2%	78.3%	18.1%	Y	.
Allina Health - Nicollet Mall	66.2%	81.3%	15.1%	Y	.
Allina Health - Ninger Road	66.7%	81.0%	14.3%	Y	.
Allina Health - North Branch	59.7%	72.7%	13.1%	Y	.
Allina Health - Northfield	61.6%	76.8%	15.2%	Y	.
Allina Health - Plymouth	67.9%	82.6%	14.7%	Y	.
Allina Health - Ramsey	69.0%	77.2%	8.2%	Y	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Allina Health - Richfield	69.2%	82.8%	13.5%	Y	<
Allina Health - Savage (Quello)	72.5%	78.7%	6.2%	.	<
Allina Health - Shakopee	65.2%	78.9%	13.7%	Y	.
Allina Health - Sharpe Dillon Cockson & Associates PA	76.0%	84.6%	8.6%	.	.
Allina Health - Shoreview	68.8%	83.3%	14.5%	Y	.
Allina Health - St. Michael	68.5%	75.7%	7.2%	.	<
Allina Health - United Medical Specialties	58.4%	82.0%	23.6%	Y	.
Allina Health - Uptown	73.1%	84.6%	11.5%	Y	<
Allina Health - Vadnais Heights	64.2%	82.8%	18.6%	Y	.
Allina Health - West St. Paul	64.4%	78.0%	13.7%	Y	<
Allina Health - Woodbury	61.6%	78.8%	17.2%	Y	.
Allina Health Spty. - Abbott Northwestern General Med. Assoc.- Edina	70.9%	87.1%	16.2%	Y	.
Allina Health Spty. - Abbott Northwestern General Med. Assoc. - Mpls	37.2%	65.8%	28.6%	Y	.
Allina Health Specialties - New Ulm Medical Center	59.7%	73.8%	14.0%	Y	<
Altru Health System - Crookston	47.3%	70.6%	23.4%	Y	.
Altru Health System - Family Medicine Center	58.6%	74.5%	15.9%	Y	.
Altru Health System - Grand Forks Family Medicine Residency	43.2%	65.2%	21.9%	Y	.
Altru Health System - Lake Region	52.6%	62.9%	10.2%	Y	<
Altru Health System - Main	61.9%	73.2%	11.3%	Y	<
Altru Health System - Professional Center	42.9%	71.7%	28.8%	Y	.
Altru Health System - Roseau	54.1%	73.8%	19.8%	Y	.
Altru Health System - Warroad	40.6%	74.7%	34.1%	Y	.
Apple Valley Medical Clinic - Family Practice	32.5%	49.3%	16.8%	Y	.
Avera - Pipestone County Medical Center	40.7%	57.7%	17.0%	Y	.
Avera Medical Group - Marshall	36.1%	55.4%	19.4%	Y	.
Avera Medical Group - Windom	46.9%	72.9%	26.0%	Y	.
Avera Medical Group - Worthington	46.9%	61.9%	14.9%	Y	.
Bluestone Physician Services	2.8%	6.7%	3.9%	Y	<
Buffalo Clinic-Albertville-St. Michael Clinic: IHN	47.3%	69.1%	21.8%	Y	.
Buffalo Clinic-IHN	54.6%	69.0%	14.4%	Y	<
Buffalo Clinic-Monticello: IHN	54.1%	66.5%	12.5%	Y	<
Burnsville Family Physicians	69.3%	78.7%	9.3%	Y	<
Cedar Riverside People's Ctr. - People's Ctr. Med. Clinic	3.3%	12.8%	9.5%	Y	<
CentraCare Clinic - Becker	65.2%	78.4%	13.2%	Y	.
CentraCare Clinic - Northway	67.1%	83.0%	15.9%	Y	.
CentraCare Clinic - St. Joseph	61.9%	83.3%	21.4%	Y	.
CentraCare Clinic- Big Lake	64.2%	76.1%	11.9%	.	.
CentraCare Family Health Center	45.4%	64.0%	18.6%	Y	.
CentraCare Health- Long Prairie	70.4%	77.4%	7.0%	.	<
CentraCare Health- Melrose	62.7%	85.0%	22.3%	Y	.
CentraCare Health- Monticello Medical Group	62.5%	71.1%	8.6%	.	.
CentraCare Health- Paynesville Clinic	45.3%	61.5%	16.2%	Y	.
CentraCare Health Paynesville- Eden Valley	51.5%	59.7%	8.2%	.	.
CentraCare Health Paynesville- Richmond	55.9%	66.1%	10.2%	.	.
CentraCare Health Plaza-Family Medicine	55.3%	83.3%	28.0%	Y	>
CentraCare Health Plaza-Internal Medicine	78.7%	89.0%	10.3%	Y	<
CentraCare Health Plaza-Obstetrics and Women's Clinic	69.0%	84.5%	15.5%	Y	.
CentraCare Health- Sauk Centre	70.5%	77.1%	6.6%	.	<
CentraCare River Campus-Internal Medicine	68.0%	88.1%	20.1%	Y	.

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**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Chippewa County Montevideo Hospital & Medical Clinic	48.7%	70.5%	21.8%	Y	.
Community-University Health Care Center	36.3%	55.5%	19.2%	Y	.
Diamond Women's Center	71.4%	85.7%	14.2%	Y	.
Duluth Family Medicine Clinic	53.0%	58.7%	5.7%	.	<
Edina Family Physicians, P.A.	61.0%	80.3%	19.4%	Y	.
Edina Sports Health & Wellness	75.5%	81.6%	6.1%	.	<
EH- Menahga	47.5%	58.9%	11.4%	.	.
EH- Walker	68.4%	74.7%	6.3%	.	<
EH-Park Rapids	50.0%	61.0%	11.0%	Y	<
Entira Family Clinics - Como/Roseville	50.0%	73.4%	23.4%	Y	.
Entira Family Clinics - East Side	37.2%	67.4%	30.2%	Y	>
Entira Family Clinics - Highland	58.8%	79.4%	20.6%	Y	.
Entira Family Clinics - Inver Grove Heights	47.9%	68.6%	20.7%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	43.6%	74.0%	30.5%	Y	>
Entira Family Clinics - North St. Paul	41.9%	65.7%	23.7%	Y	.
Entira Family Clinics - Shoreview	46.8%	71.8%	25.0%	Y	.
Entira Family Clinics - Vadnais Heights	58.3%	71.0%	12.8%	Y	.
Entira Family Clinics - West St. Paul	49.7%	69.1%	19.4%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	37.4%	67.3%	30.0%	Y	.
Entira Family Clinics - White Bear Lake-Bellaire Avenue	55.8%	75.3%	19.5%	Y	.
Entira Family Clinics - Woodbury	50.7%	72.4%	21.7%	Y	.
Essentia Health - Ashland Clinic	54.3%	73.9%	19.6%	Y	.
Essentia Health - Deer River Clinic	63.4%	73.9%	10.5%	Y	<
Essentia Health - Detroit Lakes	60.8%	71.9%	11.1%	Y	<
Essentia Health - Duluth Clinic 1st St	67.2%	81.2%	14.1%	Y	<
Essentia Health - Ely Clinic	60.3%	71.7%	11.5%	Y	<
Essentia Health - Hackensack Clinic	48.7%	68.5%	19.8%	Y	.
Essentia Health - Hayward Clinic	58.8%	74.9%	16.1%	Y	.
Essentia Health - Hermantown Clinic	57.8%	75.4%	17.7%	Y	.
Essentia Health - Hibbing Clinic	46.7%	68.7%	21.9%	Y	.
Essentia Health - International Falls Clinic	50.2%	59.2%	9.0%	Y	<
Essentia Health - Lakeside Clinic	56.8%	74.9%	18.1%	Y	.
Essentia Health - Lakewalk Clinic	60.7%	78.3%	17.6%	Y	.
Essentia Health - Moorhead	60.8%	77.7%	16.9%	Y	.
Essentia Health - Northern Pines Clinic	62.0%	73.5%	11.5%	Y	.
Essentia Health - Proctor Clinic	52.2%	69.5%	17.3%	Y	.
Essentia Health - South University	52.1%	74.4%	22.3%	Y	.
Essentia Health - Spooner Clinic	53.9%	71.4%	17.5%	Y	.
Essentia Health - St. Mary's-Superior Clinic	54.4%	74.7%	20.3%	Y	.
Essentia Health - Virginia Clinic	53.1%	63.8%	10.8%	Y	<
Essentia Health - Wahpeton	59.5%	72.9%	13.4%	.	.
Essentia Health - West Acres	42.6%	69.3%	26.7%	Y	.
Essentia Health - West Duluth Clinic	57.5%	74.6%	17.1%	Y	.
Essentia Health Ada	44.4%	54.8%	10.4%	.	.
Essentia Health Bagley	58.9%	55.3%	-3.6%	.	<
Essentia Health Fosston	53.5%	58.5%	5.0%	.	<
Essentia Health- Grand Rapids Clinic	48.8%	57.5%	8.6%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	64.6%	80.0%	15.4%	Y	<
Essentia Health St. Joseph's - Crosslake Clinic	64.4%	68.8%	4.3%	.	<

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**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Essentia Health St. Joseph's - Pequot Lakes Clinic	43.9%	58.4%	14.5%	Y	.
Essentia Health St. Joseph's - Pierz Clinic	51.5%	66.5%	15.0%	.	.
Essentia Health St. Joseph's - Pine River Clinic	44.1%	53.9%	9.8%	Y	<
Essentia Health St. Joseph's Baxter Clinic	60.1%	74.4%	14.3%	Y	<
Fairview Andover Clinic	58.5%	76.4%	17.8%	Y	.
Fairview Apple Valley Clinic	71.0%	80.2%	9.1%	Y	<
Fairview Bass Lake Clinic	63.6%	73.9%	10.3%	.	.
Fairview Blaine Clinic	55.4%	68.1%	12.7%	Y	.
Fairview Bloomington Lake Minneapolis	52.5%	68.0%	15.5%	Y	.
Fairview Bloomington Lake Xerxes	66.9%	76.6%	9.8%	Y	<
Fairview Brooklyn Park Clinic	67.4%	77.5%	10.1%	Y	<
Fairview Burnsville Clinic	68.6%	81.9%	13.3%	Y	<
Fairview Chisago Lakes Clinic	64.9%	78.2%	13.3%	Y	.
Fairview Columbia Heights Clinic	56.0%	79.6%	23.6%	Y	.
Fairview Crosstown Clinic	76.4%	85.0%	8.6%	Y	<
Fairview Eagan Clinic	71.6%	83.5%	11.9%	Y	<
Fairview EdenCenter Clinic	62.8%	79.7%	16.9%	Y	.
Fairview Elk River Clinic	70.4%	79.5%	9.1%	Y	<
Fairview Farmington Clinic	65.8%	76.2%	10.4%	.	.
Fairview Fridley Clinic	68.8%	80.0%	11.2%	Y	<
Fairview Hiawatha Clinic	68.4%	76.3%	7.9%	Y	<
Fairview Highland Park Clinic	62.2%	73.9%	11.7%	Y	<
Fairview Hugo Clinic	57.1%	71.0%	13.8%	Y	.
Fairview Lakes Medical Center	58.9%	76.3%	17.4%	Y	.
Fairview Lakeville Clinic	65.1%	81.7%	16.6%	Y	.
Fairview Lino Lakes Clinic	56.1%	71.8%	15.7%	Y	.
Fairview Maple Grove Medical Center	71.7%	75.7%	4.1%	.	<
Fairview Milaca Clinic	62.3%	78.2%	15.9%	Y	.
Fairview New Brighton Clinic	65.8%	78.3%	12.5%	Y	<
Fairview North Branch Clinic	57.5%	68.9%	11.4%	Y	<
Fairview Oxboro Clinic	69.5%	81.7%	12.2%	Y	<
Fairview Pine City Clinic	49.4%	66.4%	17.0%	Y	.
Fairview Princeton Clinic	69.1%	79.5%	10.4%	Y	<
Fairview Prior Lake Clinic	66.7%	84.9%	18.3%	Y	.
Fairview Riverside	58.4%	75.9%	17.5%	Y	.
Fairview Riverside Primary Care Clinic	55.6%	52.4%	-3.3%	.	<
Fairview Rogers Clinic	72.5%	82.3%	9.8%	Y	.
Fairview Rosemount Clinic	52.1%	82.4%	30.3%	Y	.
Fairview Rush City Clinic	61.3%	73.0%	11.7%	Y	.
Fairview Savage Clinic	68.8%	77.7%	8.8%	.	<
Fairview St. Francis Clinic	55.3%	66.6%	11.3%	.	.
Fairview Uptown Clinic	63.8%	82.9%	19.1%	Y	.
Fairview Zimmerman Clinic	62.0%	73.7%	11.7%	Y	.
Family Medical Center	54.4%	76.4%	22.0%	Y	.
Family Practice Medical Center of Willmar	54.6%	77.1%	22.4%	Y	.
FamilyHealth Medical Clinic - Farmington	29.0%	63.4%	34.4%	Y	.
FamilyHealth Medical Clinic - Northfield	53.7%	77.8%	24.0%	Y	.
FirstLight Health System - Hinckley	46.5%	65.7%	19.2%	Y	.
FirstLight Health System - Mora	54.4%	68.9%	14.6%	Y	.

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**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
FirstLight Health System - Pine City	50.3%	61.9%	11.5%	Y	.
France Avenue Family Physicians - MN Healthcare Ntwk.	45.3%	62.0%	16.6%	Y	.
Gateway Family Health Clinic - Hinckley	31.7%	41.3%	9.6%	.	.
Gateway Family Health Clinic - Moose Lake	44.7%	67.9%	23.2%	Y	.
Gateway Family Health Clinic - Sandstone	39.5%	55.4%	15.9%	Y	.
Glencoe Regional Health Services - Glencoe	48.7%	66.9%	18.2%	Y	.
Glencoe Regional Health Services - Lester Prairie	39.4%	67.6%	28.2%	Y	.
Grand Itasca Clinic	54.9%	73.1%	18.3%	Y	.
Gundersen Health System - Harmony Clinic	46.3%	68.6%	22.3%	Y	.
Gundersen Health System - La Crescent Clinic	69.2%	82.6%	13.4%	Y	.
HealthEast Cottage Grove Clinic	50.5%	67.7%	17.2%	Y	.
HealthEast Downtown St. Paul Clinic	44.9%	74.8%	29.9%	Y	>
HealthEast Grand Avenue Clinic	44.2%	65.0%	20.8%	Y	.
HealthEast Hugo Clinic	38.0%	61.9%	23.9%	Y	.
HealthEast Maplewood Clinic	49.0%	65.2%	16.2%	Y	.
HealthEast Midway Clinic	48.5%	77.8%	29.3%	Y	>
HealthEast Oakdale	53.2%	71.0%	17.8%	Y	.
HealthEast Rice Street Clinic	50.4%	65.8%	15.5%	Y	.
HealthEast Roselawn Clinic	38.6%	59.4%	20.8%	Y	.
HealthEast Roseville Clinic	49.2%	54.0%	4.8%	.	<
HealthEast Stillwater Clinic	39.2%	59.1%	19.9%	Y	.
HealthEast Tamarack Clinic Woodbury	48.5%	71.2%	22.7%	Y	.
HealthEast Vadnais Heights Clinic	54.9%	73.7%	18.8%	Y	.
HealthEast Woodbury Clinic	50.0%	69.4%	19.4%	Y	.
HealthPartners - Andover	62.9%	77.6%	14.7%	Y	.
HealthPartners - Anoka	54.8%	76.9%	22.0%	Y	.
HealthPartners - Apple Valley	57.5%	79.2%	21.7%	Y	.
HealthPartners - Arden Hills	70.6%	85.2%	14.6%	Y	.
HealthPartners - Bloomington	70.1%	81.6%	11.5%	Y	<
HealthPartners - Brooklyn Center	61.8%	78.1%	16.3%	Y	.
HealthPartners - Como	64.4%	82.4%	18.0%	Y	.
HealthPartners - Coon Rapids	64.6%	80.2%	15.6%	Y	.
HealthPartners - Cottage Grove	56.4%	67.3%	10.9%	.	.
HealthPartners - Ctr for Internatl Hlth	73.1%	75.7%	2.6%	.	<
HealthPartners - Eagan	52.4%	81.1%	28.7%	Y	.
HealthPartners - Elk River	61.6%	76.9%	15.3%	Y	.
HealthPartners - Hlth Ctr for Women	65.0%	84.9%	20.0%	Y	.
HealthPartners - Inver Grove Heights	71.7%	80.4%	8.7%	Y	<
HealthPartners - Lino Lakes	58.1%	77.9%	19.8%	Y	.
HealthPartners - Maplewood	68.1%	81.7%	13.6%	Y	<
HealthPartners - Midway	60.6%	77.4%	16.8%	Y	.
HealthPartners - Nokomis	61.0%	73.3%	12.2%	.	.
HealthPartners - Riverside	59.0%	79.2%	20.2%	Y	.
HealthPartners - Roseville	61.5%	79.2%	17.6%	Y	.
HealthPartners - St Paul	54.7%	78.0%	23.4%	Y	.
HealthPartners - University Ave	68.8%	88.0%	19.2%	Y	.
HealthPartners - West	69.5%	81.5%	12.1%	Y	<
HealthPartners - White Bear Lake	65.8%	83.5%	17.7%	Y	.
HealthPartners - Woodbury	64.0%	80.3%	16.3%	Y	.

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**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
HealthPartners Central Minnesota Clinics	49.7%	81.8%	32.1%	Y	>
Hendricks Clinic	54.9%	53.4%	-1.5%	.	<
HCMC Clinics - Brooklyn Center Clinic	49.5%	53.8%	4.3%	.	<
HCMC Clinics - Brooklyn Park Clinic	45.7%	45.6%	-0.1%	.	<
HCMC Clinics - Downtown Medicine Clinic	52.6%	54.3%	1.6%	.	<
HCMC Clinics - East Lake Clinic	51.7%	55.6%	3.9%	.	<
HCMC Clinics - Golden Valley Clinic	46.7%	40.6%	-6.1%	.	<
HCMC Clinics - Hennepin Center for Senior Care	53.3%	57.6%	4.3%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	46.3%	63.2%	16.8%	Y	.
HCMC Clinics - Positive Care Clinic	47.1%	51.7%	4.6%	.	.
HCMC Clinics - Richfield Clinic	48.5%	51.7%	3.2%	.	<
HCMC Clinics - St. Anthony Village Clinic	59.6%	47.0%	-12.6%	.	<
HCMC Clinics - Whittier Clinic	49.1%	43.4%	-5.8%	Y	<
Hudson Physicians	35.5%	69.5%	34.0%	Y	>
Hutchinson Health - Dassel Clinic	45.5%	56.0%	10.6%	.	.
Hutchinson Health - Hutchinson Clinic	49.0%	69.5%	20.5%	Y	.
Indian Health Board of Minneapolis	27.1%	43.7%	16.5%	Y	.
Integracare Ltd dba Williams Clinic	43.5%	54.2%	10.8%	.	.
Johnson Memorial Health Services - Dawson Clinic	42.2%	59.7%	17.5%	Y	.
Kittson Memorial Clinic - Hallock	29.8%	44.8%	15.0%	Y	.
Lac Qui Parle Clinic	54.6%	57.9%	3.4%	.	<
Lake Region Healthcare Clinic Services - Fergus Falls	45.5%	58.7%	13.2%	Y	<
Lake Superior Community Health Center - Duluth	43.5%	44.5%	1.1%	.	<
LakeWood Health Center Clinic	33.0%	59.5%	26.5%	Y	.
Lakewood Health System - Staples Clinic	76.0%	64.1%	-11.9%	.	<
Life Medical	22.3%	22.5%	0.2%	.	<
Madelia Community Hospital & Clinic	42.2%	50.9%	8.7%	.	.
Mankato Clinic - Daniel's Health Center	47.5%	76.8%	29.3%	Y	.
Mankato Clinic - Main Street	60.8%	80.8%	20.1%	Y	.
Mankato Clinic - Mapleton	46.9%	79.7%	32.8%	Y	.
Mankato Clinic - North Mankato	62.0%	81.3%	19.3%	Y	.
Mankato Clinic - Wickersham Campus	63.8%	81.4%	17.6%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	63.3%	85.9%	22.6%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	62.2%	82.8%	20.5%	Y	.
Mayo Clinic - Kasson	60.8%	79.1%	18.3%	Y	.
Mayo Clinic - Northeast	57.9%	85.0%	27.1%	Y	.
Mayo Clinic - Northwest	54.0%	84.6%	30.6%	Y	.
Mayo Clinic - Speciality Practice	59.1%	72.3%	13.2%	Y	<
Mayo Clinic Health System Adams	53.1%	79.2%	26.1%	Y	.
Mayo Clinic Health System Albert Lea	64.4%	74.9%	10.6%	Y	<
Mayo Clinic Health System Austin	62.4%	78.0%	15.5%	Y	<
Mayo Clinic Health System Belle Plaine	72.5%	82.0%	9.5%	.	.
Mayo Clinic Health System Cannon Falls	65.2%	77.6%	12.4%	Y	.
Mayo Clinic Health System Fairmont	70.6%	79.0%	8.5%	Y	<
Mayo Clinic Health System Faribault Hwy 60	68.2%	82.8%	14.6%	Y	.
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	53.7%	75.9%	22.2%	Y	.
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	60.0%	85.0%	25.0%	Y	.
Mayo Clinic Health System Lake City	47.1%	67.6%	20.5%	Y	.
Mayo Clinic Health System Lake Crystal	48.7%	79.8%	31.2%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Mayo Clinic Health System Le Sueur	63.2%	80.6%	17.4%	Y	.
Mayo Clinic Health System Mankato Eastridge	68.5%	83.7%	15.2%	Y	.
Mayo Clinic Health System Mankato Northridge	66.4%	86.2%	19.8%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	75.3%	82.0%	6.7%	.	<
Mayo Clinic Health System Montgomery	73.3%	79.9%	6.6%	.	.
Mayo Clinic Health System New Prague	72.1%	78.7%	6.6%	.	<
Mayo Clinic Health System New Richland	64.7%	61.0%	-3.7%	.	<
Mayo Clinic Health System Owatonna	68.2%	80.5%	12.2%	Y	<
Mayo Clinic Health System Plainview	52.9%	64.9%	12.0%	.	.
Mayo Clinic Health System Red Wing	57.9%	75.0%	17.1%	Y	.
Mayo Clinic Health System Red Wing in Zumbrota	59.3%	72.7%	13.4%	Y	.
Mayo Clinic Health System Springfield	60.5%	81.9%	21.4%	Y	.
Mayo Clinic Health System St. James	55.3%	72.0%	16.7%	Y	.
Mayo Clinic Health System St. Peter	66.5%	84.7%	18.2%	Y	.
Mayo Clinic Health System Wabasha	66.3%	77.0%	10.7%	Y	.
Mayo Clinic Health System Waseca	57.6%	75.8%	18.3%	Y	.
Mayo Clinic Health System Waterville	75.7%	73.7%	-2.0%	.	<
Mayo Clinic Health System Wells	57.9%	60.4%	2.5%	.	<
Metropolitan Obstetrics and Gyn.- Gallery Professional Bldg.	48.4%	73.6%	25.2%	Y	.
Multicare Associates - Blaine Medical Center	40.5%	58.3%	17.8%	Y	.
Multicare Associates - Fridley Medical Center	41.7%	59.7%	18.0%	Y	.
Multicare Associates - Roseville Medical Center	37.4%	54.9%	17.5%	Y	.
Native American Community Clinic	17.8%	22.7%	4.9%	.	<
Neighborhood HealthSource - Fremont Clinic	33.2%	37.0%	3.8%	.	<
Neighborhood HealthSource - Sheridan Clinic	31.7%	27.8%	-3.9%	.	<
Neighborhood HealthSource - Central Clinic	26.4%	34.5%	8.1%	.	.
North Clinic - Maple Grove Office	47.0%	66.9%	19.9%	Y	.
North Clinic - Oakdale Office in Robbinsdale	42.7%	65.6%	23.0%	Y	.
North Clinic - Osseo Office	54.1%	70.8%	16.7%	Y	.
North Clinic - WestHealth Office in Plymouth	53.6%	71.2%	17.6%	Y	.
North Memorial Clinic - Arbor Lakes	60.3%	75.6%	15.3%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	56.6%	70.7%	14.1%	Y	.
North Memorial Clinic - Brooklyn Park Physicians	50.0%	71.7%	21.7%	Y	.
North Memorial Clinic - Camden	53.3%	75.4%	22.1%	Y	.
North Memorial Clinic - Elk River Physicians	47.1%	58.5%	11.5%	Y	.
North Memorial Clinic - Golden Valley Physicians	56.3%	73.4%	17.1%	Y	.
North Memorial Clinic - Maple Grove	58.7%	78.9%	20.2%	Y	.
North Memorial Clinic - Northeast Family Physicians	52.9%	64.6%	11.7%	Y	.
North Memorial Clinic - Plymouth City Center	63.3%	78.7%	15.3%	Y	.
North Memorial Clinic - Ridgedale	50.4%	70.9%	20.5%	Y	.
North Memorial Clinic - Rockford Road	75.0%	76.3%	1.3%	.	<
North Memorial Clinic, Silver Lake - Blaine	56.5%	71.1%	14.6%	Y	.
North Memorial Clinic, Silver Lake - St. Anthony	54.8%	71.7%	16.9%	Y	.
NorthPoint Health & Wellness Center	47.4%	56.5%	9.1%	Y	<
Northwest Family Physicians - Crystal	43.3%	65.6%	22.3%	Y	.
Northwest Family Physicians - Plymouth	58.5%	75.1%	16.6%	Y	.
Northwest Family Physicians - Rogers	59.5%	72.2%	12.7%	Y	.
Oakdale Obstetrics & Gynecology, PA - Maple Grove	58.5%	79.5%	21.0%	Y	.
OBGYN West - Ridgedale	66.7%	70.1%	3.5%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Obstetrics, Gynecology and Infertility - Edina	91.9%	91.8%	-0.1%	.	<
Olmsted Medical Center - Byron Clinic	41.8%	67.1%	25.3%	Y	.
Olmsted Medical Center - Chatfield Clinic	36.8%	58.0%	21.2%	Y	.
Olmsted Medical Center - Pine Island Clinic	51.9%	69.9%	18.0%	Y	.
Olmsted Medical Center - Preston Clinic	41.2%	64.1%	23.0%	Y	.
Olmsted Medical Center - Rochester Northwest	35.3%	69.4%	34.1%	Y	>
Olmsted Medical Center - Rochester Southeast	44.6%	72.9%	28.3%	Y	>
Olmsted Medical Center - Spring Valley Clinic	43.6%	69.2%	25.6%	Y	.
Olmsted Medical Center - St. Charles Clinic	44.7%	65.9%	21.1%	Y	.
Olmsted Medical Center - Stewartville Clinic	41.4%	59.8%	18.4%	Y	.
Open Door Health Center	47.3%	58.8%	11.6%	.	.
Ortonville Area Health Services-Northside Medical Clinic	58.3%	62.6%	4.4%	.	<
Osakis Medical Clinic, A Service of Douglas County Hospital	70.6%	75.6%	5.0%	.	.
Park Nicollet Clinic - Bloomington	53.9%	74.9%	21.0%	Y	.
Park Nicollet Clinic - Brookdale	49.6%	74.5%	24.9%	Y	>
Park Nicollet Clinic - Burnsville	52.3%	75.4%	23.1%	Y	.
Park Nicollet Clinic - Carlson	64.1%	79.1%	14.9%	Y	.
Park Nicollet Clinic - Champlin	54.0%	76.6%	22.6%	Y	.
Park Nicollet Clinic - Chanhassen	50.8%	72.3%	21.5%	Y	.
Park Nicollet Clinic - Creekside	44.1%	69.8%	25.6%	Y	.
Park Nicollet Clinic - Eagan	59.2%	75.6%	16.5%	Y	.
Park Nicollet Clinic - Golden Valley	63.6%	78.2%	14.6%	Y	.
Park Nicollet Clinic - Maple Grove	51.2%	72.5%	21.3%	Y	.
Park Nicollet Clinic - Minneapolis	39.6%	72.0%	32.4%	Y	>
Park Nicollet Clinic - Plymouth	54.0%	75.4%	21.5%	Y	.
Park Nicollet Clinic - Prairie Center	62.1%	81.1%	19.0%	Y	.
Park Nicollet Clinic - Prior Lake	37.5%	68.3%	30.8%	Y	>
Park Nicollet Clinic - Rogers	42.5%	75.9%	33.4%	Y	.
Park Nicollet Clinic - Shakopee	48.8%	69.2%	20.5%	Y	.
Park Nicollet Clinic - Shorewood	63.0%	77.6%	14.6%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	51.5%	71.9%	20.4%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	63.1%	82.1%	19.0%	Y	.
Park Nicollet Clinic - Wayzata	51.8%	72.8%	21.0%	Y	.
Park Nicollet Clinic - Women's Center - OBGYN	50.0%	70.2%	20.2%	Y	.
Partners Obstetrics & Gynecology, PA	76.0%	86.9%	10.9%	Y	.
Prairie Ridge Hospital & Health Services - Elbow Lake	43.3%	42.5%	-0.8%	.	<
Prairie Ridge Hospital & Health Services - Morris	58.5%	71.2%	12.7%	.	.
Raiter Clinic-IHN	55.3%	68.6%	13.3%	Y	<
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	51.2%	69.3%	18.1%	Y	.
Range Regional Hlth. Svcs dba Fairview Mesaba Clinic - Mountain Iron	55.7%	64.8%	-9.9%	.	<
Range Regional Hlth. Svcs dba Fairview Mesaba Clinic - Nashauk	47.1%	61.7%	14.6%	Y	.
Renville County Hospital and Clinics - Olivia	48.0%	63.8%	15.8%	Y	.
Renville County Hospital and Clinics - Renville	26.2%	57.5%	31.3%	Y	.
Richfield Medical Group	59.1%	74.1%	15.0%	Y	.
Ridgeview Arlington Clinic	42.2%	60.8%	18.6%	Y	.
Ridgeview Chanhassen Clinic	51.8%	71.2%	19.5%	Y	.
Ridgeview Delano Clinic	44.7%	59.6%	14.8%	Y	.
Ridgeview Excelsior Clinic	40.5%	60.1%	19.6%	Y	.
Ridgeview Westonka Clinic	47.1%	60.3%	13.2%	Y	<

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Ridgeview Winsted Clinic	28.6%	52.6%	24.1%	Y	.
River's Edge Clinic - St. Peter	51.4%	69.1%	17.8%	Y	.
RiverView Clinic North	31.5%	49.5%	18.0%	Y	.
Riverwood Aitkin Clinic	54.0%	75.4%	21.4%	Y	.
Riverwood Garrison Clinic	50.7%	58.0%	7.3%	.	<
Riverwood McGregor Clinic	52.2%	63.8%	11.6%	Y	<
Sanford 26th and Sycamore Family Medicine	67.8%	67.1%	-0.7%	.	<
Sanford 34th and Kiwanis Family Medicine	63.0%	72.0%	9.0%	Y	<
Sanford 41st and Sertoma Family Medicine	60.3%	70.9%	10.6%	Y	<
Sanford 49th and Oxbow Family Medicine	72.2%	71.4%	-0.8%	.	<
Sanford 4th and Sycamore Family Medicine	58.6%	69.4%	10.8%	Y	<
Sanford 69th and Minnesota Family Medicine	68.0%	72.8%	4.8%	.	<
Sanford Aberdeen Clinic	67.5%	68.3%	0.8%	.	<
Sanford Bagley Clinic	34.0%	51.8%	17.7%	Y	.
Sanford Bemidji 1611 Anne St Clinic	60.9%	81.7%	20.7%	Y	.
Sanford Bemidji Black Duck Clinic	68.7%	84.5%	15.8%	Y	.
Sanford Bemidji Cass Lake Clinic	67.6%	77.1%	9.5%	.	.
Sanford Bemidji Main Clinic Family Medicine	63.2%	84.4%	21.2%	Y	.
Sanford Bemidji Main Clinic Internal Medicine	66.3%	86.9%	20.6%	Y	.
Sanford Broadway Internal Medicine Clinic	60.1%	83.8%	23.7%	Y	.
Sanford Canby Clinic	55.8%	60.3%	4.4%	.	<
Sanford Canton-Inwood Clinic	74.2%	69.2%	-5.0%	.	<
Sanford Chamberlain Clinic	38.9%	50.8%	11.9%	.	.
Sanford East Grand Forks Clinic	43.2%	65.0%	21.7%	Y	.
Sanford Health Adrian Clinic	39.0%	72.7%	33.7%	Y	.
Sanford Health Broadway Clinic	56.3%	66.3%	10.1%	Y	<
Sanford Health Brookings Clinic	73.6%	71.3%	-2.3%	.	<
Sanford Health Clark Clinic	39.3%	44.7%	5.4%	.	<
Sanford Health Detroit Lakes Clinic	69.3%	77.3%	8.0%	Y	<
Sanford Health Hawley Clinic	64.5%	67.4%	2.9%	.	.
Sanford Health Hillsboro Clinic	40.0%	56.8%	16.8%	.	.
Sanford Health Ipswich Clinic	60.0%	63.4%	3.4%	.	<
Sanford Health Jamestown Clinic	50.0%	71.2%	21.2%	Y	.
Sanford Health Mitchell Clinic	45.3%	44.4%	-0.9%	.	<
Sanford Health Mountain Lake Clinic	50.9%	60.0%	9.2%	.	.
Sanford Health Parkers Prairie Clinic	50.0%	55.3%	5.3%	.	<
Sanford Health Pierre Clinic	73.1%	66.3%	-6.9%	.	<
Sanford Health Vermillion Clinic	58.9%	66.8%	7.9%	.	<
Sanford Health Walker Clinic	44.6%	67.6%	22.9%	Y	.
Sanford Health Watertown Clinic	49.1%	56.5%	7.4%	Y	<
Sanford Health Windom Clinic	43.6%	54.6%	10.9%	.	.
Sanford Internal Medicine Clinic	75.0%	80.4%	5.4%	.	<
Sanford Jackson Clinic	35.9%	58.4%	22.5%	Y	.
Sanford Luverne Clinic	54.2%	74.8%	20.6%	Y	.
Sanford Mahnommen Clinic	43.2%	67.4%	24.2%	Y	.
Sanford Moorhead Family Medicine	58.6%	80.3%	21.7%	Y	.
Sanford Moorhead Internal Medicine	58.5%	83.8%	25.3%	Y	.
Sanford North Fargo Clinic	42.1%	72.2%	30.1%	Y	.
Sanford Pelican Rapids Clinic	29.2%	65.2%	36.0%	Y	>

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.9%	74.3%	20.4%	Y	
Sanford Perham Clinic	65.3%	74.9%	9.6%	Y	<
Sanford Resident Clinic	43.1%	72.6%	29.4%	Y	.
Sanford Rock Rapids Clinic	57.8%	63.6%	5.8%	.	.
Sanford Sheldon Clinic	36.7%	51.6%	14.9%	Y	.
Sanford Southpointe Family Medicine	45.7%	76.0%	30.3%	Y	>
Sanford Southpointe Internal Medicine	60.7%	83.7%	23.0%	Y	.
Sanford Thief River Falls Clinic	60.4%	72.3%	11.9%	Y	<
Sanford Tracy Clinic	40.4%	74.8%	34.4%	Y	.
Sanford USD Family Medicine	40.9%	67.8%	26.9%	Y	.
Sanford Valley City Clinic	41.4%	64.8%	23.4%	Y	.
Sanford Wahpeton Clinic	48.0%	62.0%	14.0%	Y	.
Sanford Webster Clinic	57.1%	64.6%	7.5%	.	.
Sanford West Fargo Clinic	46.8%	74.7%	28.0%	Y	.
Sanford Westbrook Clinic	57.1%	62.3%	5.1%	.	.
Sanford Wheaton Clinic	60.0%	60.2%	0.2%	.	<
Sanford Women's Internal Medicine	81.0%	81.2%	0.3%	.	<
Sanford Women's OB/GYN Clinic	73.6%	74.7%	1.2%	.	<
Sanford Worthington Clinic	48.3%	61.0%	12.7%	Y	<
Sawtooth Mountain Clinic, Inc	38.8%	61.4%	22.5%	Y	.
Scandia Clinic	28.1%	61.0%	32.8%	Y	.
Scenic Rivers Health Services - Bigfork/Big Falls	39.9%	60.4%	20.6%	Y	.
Scenic Rivers Health Services - Cook	32.0%	40.1%	8.1%	.	<
Scenic Rivers Health Services - Floodwood	20.6%	24.6%	4.0%	.	<
Scenic Rivers Health Services - Northome	68.3%	75.0%	6.7%	.	.
Sleepy Eye Medical Center	37.7%	55.0%	17.3%	Y	.
Southdale Obstetric and Gynecology Consultants- Edina	95.0%	89.4%	-5.7%	.	<
Southside Medical Clinic	34.2%	36.0%	1.8%	.	<
St. Cloud Medical Group - Clearwater - IHN	66.3%	77.0%	10.7%	Y	.
St. Cloud Medical Group - Cold Spring -IHN	67.5%	83.1%	15.6%	Y	.
St. Cloud Medical Group - NW- IHN	54.7%	80.3%	25.6%	Y	.
St. Cloud Medical Group - South -IHN	57.5%	80.0%	22.6%	Y	.
Stillwater Medical Group - Curve Crest Clinic	65.1%	80.1%	15.0%	Y	<
Stillwater Medical Group - Mahtomedi Clinic	53.6%	79.9%	26.4%	Y	.
Tri-County Health Care - Henning Clinic	33.3%	53.6%	20.3%	Y	.
Tri-County Health Care - Sebeka Clinic	31.1%	37.5%	6.4%	.	.
Tri-County Health Care - Wadena Clinic	48.8%	65.0%	16.2%	Y	.
Tyler Medical Clinic - Avera	39.7%	55.9%	16.2%	Y	.
United Family Medicine	45.4%	64.5%	19.1%	Y	.
University of Minnesota Health - Mill City Clinic	62.1%	66.6%	4.5%	.	<
University of Minnesota Health - Primary Care Center	65.4%	74.3%	8.9%	Y	<
University of Minnesota Health - Smiley's Family Medicine Clinic	63.3%	71.2%	7.9%	Y	<
University of MN Health - Women's Health Specialists Clinic	53.5%	54.7%	1.2%	.	<
University of MN Physicians - Bethesda Family Medicine Clinic	39.3%	58.0%	18.7%	Y	.
University of MN Physicians - Broadway Family Medicine Clinic	36.0%	53.3%	17.4%	Y	.
University of MN Physicians -Phalen Village Family Medicine Clinic	57.3%	60.0%	2.7%	.	<
Valley Family Practice	45.7%	71.7%	26.0%	Y	.
West Side Community Health Services - East Side Family Clinic	31.8%	29.9%	-1.9%	.	<
West Side Community Health Services - La Clinica	34.0%	36.8%	2.9%	.	<
Winona Health - Winona Clinic	45.8%	63.0%	17.2%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Chlamydia Screening in Women

Seventy-six medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was -10 percentage points and is statistically significant. The sign is negative; however, which means the Chlamydia Screening rate for MHCP patients (56 percent) was significantly higher than that of Other Purchasers (47 percent).

Eight medical groups had rates for MHCP patients that were lower than Other Purchasers; 68 medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 44, Column 4). Of those 68 groups, 26 had a statistically significant gap between purchasers. (See Column 5)

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Chlamydia Screening measure, 13 medical groups had purchaser gaps that were significantly different than the statewide gap. Of these 13 medical groups, nine had a gap significantly smaller than the statewide gap; four had a higher MHCP performance rate than Other Purchasers. (See Column 6)

The **two medical groups** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 44 summarizes these findings.

- **Allina Health Specialties**
- **HealthPartners Clinics**

**Table 44: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Chlamydia Screening in Women**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	56.0%	46.5%	-9.6%	Y	
Affiliated Community Medical Centers	57.7%	40.6%	-17.0%	Y	>
Alexandria Clinic	26.3%	27.5%	1.2%	.	<
Allina Health Specialties	68.7%	64.6%	-4.1%	Y	<
Altru Health System	39.4%	27.1%	-12.3%	Y	.
Apple Valley Medical Clinic	50.8%	41.5%	-9.3%	.	.
Avera Medical Group - Pipestone	26.5%	22.0%	-4.4%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	42.9%	24.7%	-18.1%	Y	.
Buffalo Clinic, PA - IHN	44.7%	37.8%	-6.9%	.	.
CentraCare Family Health Center	73.1%	55.3%	-17.8%	.	.
CentraCare Health	50.8%	50.3%	-0.6%	.	<
Children's Clinic Network	52.1%	33.2%	-18.9%	Y	.
Children's Health Care	49.7%	42.7%	-7.0%	.	.
Chippewa County Montevideo Hospital and Medical Clinic	42.2%	40.0%	-2.2%	.	.
Community University Health Care Center	68.3%	52.2%	-16.1%	Y	.
Cuyuna Regional Medical Center	43.7%	51.9%	8.2%	.	<
Duluth Family Medicine Clinic	51.4%	51.2%	-0.1%	.	.
Entira Family Clinics (formerly Family Health Services MN)	63.8%	60.5%	-3.3%	.	.
Essentia Health - Baxter Specialty Clinics	48.0%	45.9%	-2.1%	.	.
Essentia Health - Central Region	43.3%	37.9%	-5.4%	.	.
Essentia Health - East Region	46.6%	40.2%	-6.4%	Y	.
Essentia Health - Fosston	16.7%	24.1%	7.4%	.	<
Essentia Health - St. Mary's	38.9%	27.1%	-11.9%	Y	.
Essentia Health - West	31.3%	25.9%	-5.3%	.	.
Fairview Medical Group	62.4%	55.4%	-7.1%	Y	.
Fairview Mesaba Clinics	48.0%	42.4%	-5.6%	.	.
Family Practice Medical Center of Willmar	44.2%	32.0%	-12.3%	.	.
FirstLight Health System	58.9%	46.9%	-11.9%	.	.
Gateway Family Health Clinic	47.6%	38.6%	-9.0%	.	.
Glencoe Regional Health Services	10.0%	6.6%	-3.4%	.	.
Glenwood Medical Center	30.6%	21.6%	-9.0%	.	.
Grand Itasca Clinic	48.8%	33.8%	-15.0%	Y	.
HealthEast Clinics	59.9%	55.6%	-4.3%	.	.
HealthPartners Clinics	77.2%	70.7%	-6.5%	Y	<
Hennepin County Medical Center (HCMC) Clinics	74.6%	65.0%	-9.5%	Y	.
Hutchinson Health	54.0%	32.2%	-21.8%	Y	>
Lake Region Healthcare	44.7%	24.6%	-20.1%	Y	.
Lakeview Clinic	49.3%	45.5%	-3.8%	.	.
Lakewood Health System	37.3%	36.1%	-1.2%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 44: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Chlamydia Screening in Women (continued)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	56.0%	46.5%	-9.6%	Y	
Mankato Clinic, Ltd.	53.4%	43.3%	-10.0%	Y	.
Mayo Clinic	50.5%	39.7%	-10.8%	Y	.
Mayo Clinic Health System - Albert Lea and Austin	51.4%	49.9%	-1.5%	.	<
Mayo Clinic Health System - Fairmont	46.4%	42.9%	-3.6%	.	.
Mayo Clinic Health System - Lake City	39.0%	27.9%	-11.1%	.	.
Mayo Clinic Health System - Mankato	46.3%	43.3%	-2.9%	.	.
Mayo Clinic Health System - New Prague	54.3%	45.4%	-8.9%	.	.
Mayo Clinic Health System - Red Wing	55.4%	46.3%	-9.0%	.	.
Mayo Clinic Health System - St. James	33.3%	22.2%	-11.1%	.	.
Mayo Clinic Health System-Owatonna	32.2%	49.9%	17.6%	Y	>
MinuteClinic	47.2%	44.4%	-2.8%	.	.
Multicare Associates	47.2%	39.9%	-7.3%	.	.
North Clinic	60.8%	38.5%	-22.2%	Y	>
North Memorial	59.7%	46.0%	-13.7%	Y	.
NorthPoint Health & Wellness Center	78.9%	84.6%	5.7%	.	<
Northwest Family Physicians	42.6%	39.4%	-3.3%	.	.
Obstetrics and Gynecology Associates	59.5%	40.1%	-19.4%	Y	.
Olmsted Medical Center	53.0%	41.3%	-11.7%	Y	.
Park Nicollet Health Services	60.0%	51.7%	-8.3%	Y	.
Planned Parenthood Minnesota, North Dakota, South Dakota	80.8%	70.9%	-9.9%	Y	.
Premier OB/GYN of Minnesota	67.4%	52.1%	-15.3%	Y	.
Raiter Clinic, LTD - IHN	48.3%	35.6%	-12.7%	.	.
Renville County Hospital and Clinics	47.1%	29.0%	-18.1%	.	.
Ridgeview Clinics	44.4%	37.5%	-6.9%	.	.
RiverView Health	29.0%	30.9%	1.9%	.	.
Riverwood Healthcare Center	38.5%	29.7%	-8.7%	.	.
Sanford Health - Fargo Region	39.5%	31.5%	-8.0%	Y	.
Sanford Health - Sioux Falls Region	35.3%	30.3%	-4.9%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	45.6%	44.3%	-1.3%	.	.
St. Luke's Clinics	56.8%	51.1%	-5.6%	.	.
Stillwater Medical Group	57.0%	58.8%	1.8%	.	<
Tri-County Health Care	39.8%	27.0%	-12.7%	.	.
United Family Medicine	67.6%	54.9%	-12.7%	.	.
United Hospital District Clinic	38.7%	46.5%	7.8%	.	.
Unity Family Healthcare - Avon	36.9%	26.9%	-10.0%	.	.
University of Minnesota Physicians	61.6%	46.3%	-15.4%	Y	.
West Side Community Health Services	69.3%	63.2%	-6.1%	.	.
Winona Health Services	49.7%	34.3%	-15.4%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Depression Remission at Six Months

Two hundred twenty-four clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was four percentage points and is statistically significant. This means that the Depression Remission at Six Months statewide rate for MHCP patients (six percent) was significantly lower than that of Other Purchasers (ten percent).

Of the 224 clinics, 168 of them had rates for MHCP patients that were lower than Other Purchaser patients; 32 of those clinics had a significant gap between purchasers. (See Table 45, Column 5) This means that these clinics had a significantly lower MHCP performance rate compared to Other Purchasers. Forty-eight clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 224 clinics, eight clinics had a rate of zero percent for both their MHCP patients and Other Purchaser patients.

We also assessed whether the gap between purchasers at a clinic level was significantly different than the gap at the statewide level. Fourteen clinics had a larger purchaser gap than the gap at the statewide level; nineteen clinics had a smaller purchaser gap than the gap at the statewide level. (See Column 6)

The **two clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchaser patients, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 45 summarizes these findings.

- **Mayo Clinic Health System Owatonna**
- **Northwest Family Physicians - Crystal**

**Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.5%	9.9%	4.4%	Y	
Affiliated Community Medical Centers - Redwood Falls Clinic	4.3%	3.9%	-0.3%	.	.
Affiliated Community Medical Centers - Willmar Clinic	2.3%	4.0%	1.6%	.	.
Affiliated Community Medical Centers- Marshall Clinic	1.6%	1.7%	0.1%	.	<
Allina Health - Bandana Square (Aspen)	6.0%	19.1%	13.1%	Y	>
Allina Health - Blaine	2.3%	19.1%	16.8%	Y	>
Allina Health - Bloomington (Aspen)	5.4%	10.5%	5.1%	.	.
Allina Health - Brooklyn Park	9.1%	13.0%	3.9%	.	.
Allina Health - Buffalo	10.9%	19.7%	8.8%	Y	.
Allina Health - Burnsville (Quello)	9.8%	14.3%	4.5%	.	.
Allina Health - Cambridge	10.4%	13.4%	3.0%	.	.
Allina Health - Champlin	8.2%	12.8%	4.6%	.	.
Allina Health - Coon Rapids	8.3%	15.0%	6.7%	Y	.
Allina Health - Cottage Grove	8.0%	14.8%	6.8%	Y	.
Allina Health - Eagan	10.3%	16.5%	6.2%	.	.
Allina Health - East Lake Street (Aspen)	11.8%	10.0%	-1.8%	.	.
Allina Health - Elk River	2.9%	20.9%	18.0%	Y	.
Allina Health - Faribault	5.0%	17.3%	12.4%	Y	>
Allina Health - Farmington	2.4%	14.4%	12.0%	Y	.
Allina Health - First Street	13.0%	13.0%	0.0%	.	.
Allina Health - Forest Lake	13.2%	16.8%	3.6%	.	.
Allina Health - Fridley	6.3%	7.3%	1.0%	.	.
Allina Health - Maple Grove	12.1%	20.0%	7.9%	.	.
Allina Health - Maplewood (Aspen)	7.8%	20.3%	12.5%	Y	.
Allina Health - Nicollet Mall	2.6%	14.6%	12.0%	.	.
Allina Health - Nininger Road	2.0%	11.9%	9.9%	.	.
Allina Health - Northfield	10.4%	13.8%	3.4%	.	.
Allina Health - Plymouth	6.1%	8.7%	2.6%	.	.
Allina Health - Ramsey	14.6%	12.3%	-2.3%	.	.
Allina Health - Richfield	8.0%	11.7%	3.7%	.	.
Allina Health - Shakopee	6.0%	12.6%	6.6%	.	.
Allina Health - Shoreview	11.3%	19.0%	7.7%	.	.
Allina Health - St. Michael	14.0%	25.0%	11.1%	.	.
Allina Health - Uptown	1.5%	13.8%	12.2%	Y	.
Allina Health - West St. Paul	15.6%	18.5%	2.8%	.	.
Allina Health - Woodbury	3.0%	13.7%	10.7%	Y	>
Allina Health Specialties - Allina Mental Health Mpls Abbott	4.3%	12.9%	8.7%	.	.
Allina Health Specialties - Allina Mental Health United	2.6%	5.7%	3.1%	.	.
Allina Health Specialties - Allina Mental Health Unity	0.0%	10.1%	10.1%	Y	>
Allina Health Specialties - New Ulm Medical Center	8.6%	14.0%	5.5%	.	.
Apple Valley Medical Clinic - Family Practice	0.0%	1.6%	1.6%	.	.
Associated Clinic of Psychology-Apple Valley	1.6%	5.9%	4.3%	.	.
Associated Clinic of Psychology-Brooklyn Center	2.0%	2.9%	1.0%	.	.
Associated Clinic of Psychology-Minneapolis	3.1%	3.3%	0.3%	.	<
Associated Clinic of Psychology-West St. Paul	2.1%	5.7%	3.5%	.	.
Avera Marshall Psychiatry Associates	0.0%	3.9%	3.9%	.	.
BHSI- Golden Valley	0.0%	0.0%	0.0%	.	.
Boynton Health Service	8.2%	7.8%	-0.4%	.	.
Buffalo Clinic-IHN	0.0%	0.9%	0.9%	.	.
Buffalo Clinic-Monticello: IHN	0.0%	0.0%	0.0%	.	<
CentraCare Clinic - Becker	5.6%	8.9%	3.3%	.	.
CentraCare Clinic - Northway	2.6%	6.9%	4.3%	.	.
CentraCare Family Health Center	6.7%	11.3%	4.6%	.	.
CentraCare Health- Long Prairie	5.1%	4.6%	-0.5%	.	.
CentraCare Health- Melrose	6.3%	8.2%	2.0%	.	.
CentraCare Health Plaza-Family Medicine	3.9%	4.5%	0.6%	.	.
CentraCare Health Plaza-Internal Medicine	6.3%	7.6%	1.3%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.5%	9.9%	4.4%	Y	
Chippewa County Montevideo Hospital & Medical Clinic	10.0%	8.3%	-1.7%	.	.
Duluth Family Medicine Clinic	5.1%	5.6%	0.5%	.	.
Entira Family Clinics - Como/Roseville	0.0%	11.8%	11.8%	Y	.
Entira Family Clinics - East Side	6.9%	11.1%	4.3%	.	.
Entira Family Clinics - Inver Grove Heights	9.4%	19.3%	9.9%	.	.
Entira Family Clinics - Maplewood/Battle Creek	0.0%	24.0%	24.0%	Y	>
Entira Family Clinics - North St. Paul	3.9%	17.6%	13.7%	Y	.
Entira Family Clinics - Vadnais Heights	8.9%	13.5%	4.6%	.	.
Entira Family Clinics - West St. Paul	22.7%	29.0%	6.2%	.	.
Entira Family Clinics - Woodbury	9.8%	14.0%	4.3%	.	.
Essentia Health - Deer River Clinic	11.3%	26.0%	14.7%	.	.
Essentia Health - Detroit Lakes	12.3%	17.3%	5.0%	.	.
Essentia Health - Duluth Clinic	4.8%	7.7%	2.9%	.	.
Essentia Health - Duluth Clinic 1st St	5.0%	14.0%	9.0%	Y	.
Essentia Health - Hermantown Clinic	17.1%	18.6%	1.5%	.	.
Essentia Health - International Falls Clinic	7.5%	3.5%	-4.0%	.	.
Essentia Health - Lakeside Clinic	6.0%	18.5%	12.5%	Y	.
Essentia Health - Moorhead	3.3%	10.5%	7.1%	.	.
Essentia Health - Virginia Clinic	8.2%	19.7%	11.5%	.	.
Essentia Health - West Duluth Clinic	8.7%	21.7%	13.0%	.	.
Essentia Health Fosston	8.5%	17.0%	8.4%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	2.6%	19.4%	16.9%	Y	.
Essentia Health St. Joseph's Baxter Clinic	6.5%	6.6%	0.1%	.	.
Fairview Andover Clinic	15.6%	24.2%	8.6%	Y	.
Fairview Apple Valley Clinic	5.0%	12.9%	7.9%	Y	.
Fairview Bass Lake Clinic	9.5%	7.4%	-2.1%	.	.
Fairview Blaine Clinic	12.2%	5.3%	-6.9%	.	>
Fairview Bloomington Lake Minneapolis	7.5%	10.9%	3.4%	.	.
Fairview Bloomington Lake Xerxes	0.0%	8.9%	8.9%	.	.
Fairview Brooklyn Park Clinic	4.4%	3.9%	-0.5%	.	<
Fairview Burnsville Clinic	10.0%	9.6%	-0.4%	.	.
Fairview Chisago Lakes Clinic	10.0%	8.3%	-1.7%	.	.
Fairview Columbia Heights Clinic	9.5%	11.4%	1.8%	.	.
Fairview Crosstown Clinic	4.6%	6.7%	2.2%	.	.
Fairview Eagan Clinic	6.3%	10.2%	4.0%	.	.
Fairview EdenCenter Clinic	10.9%	4.9%	-6.1%	.	>
Fairview Elk River Clinic	13.4%	21.5%	8.0%	.	.
Fairview Fridley Clinic	3.9%	8.6%	4.8%	.	.
Fairview Hiawatha Clinic	6.9%	8.5%	1.6%	.	.
Fairview Highland Park Clinic	2.0%	11.1%	9.1%	.	.
Fairview Hugo Clinic	9.1%	3.4%	-5.7%	.	>
Fairview Lakes Medical Center	5.3%	8.4%	3.1%	.	.
Fairview Lakeville Clinic	6.5%	8.6%	2.1%	.	.
Fairview Lino Lakes Clinic	3.7%	9.7%	6.0%	.	.
Fairview Milaca Clinic	21.1%	16.0%	-5.1%	.	.
Fairview New Brighton Clinic	7.7%	16.8%	9.1%	Y	.
Fairview North Branch Clinic	10.6%	11.9%	1.2%	.	.
Fairview Oxboro Clinic	5.6%	12.8%	7.3%	.	.
Fairview Pine City Clinic	3.2%	6.5%	3.2%	.	.
Fairview Princeton Clinic	3.8%	7.7%	3.9%	.	.
Fairview Prior Lake Clinic	5.9%	5.2%	-0.7%	.	.
Fairview Riverside	2.4%	11.3%	8.8%	.	.
Fairview Riverside Primary Care Clinic	3.7%	1.9%	-1.8%	.	.
Fairview Rosemount Clinic	9.7%	8.7%	-1.0%	.	.
Fairview Rush City Clinic	0.0%	14.9%	14.9%	Y	>
Fairview Uptown Clinic	6.1%	13.3%	7.2%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.5%	9.9%	4.4%	Y	
Fairview Zimmerman Clinic	11.3%	15.0%	3.7%	.	.
Family Life Center	5.3%	1.4%	-3.9%	Y	<
Family Practice Medical Center of Willmar	4.7%	4.2%	-0.5%	.	.
FirstLight Health System - Mora	5.1%	12.9%	7.9%	.	.
FirstLight Health System - Pine City	8.8%	7.1%	-1.7%	.	.
Gateway Family Health Clinic - Moose Lake	0.0%	1.4%	1.4%	.	.
Gateway Family Health Clinic - Sandstone	0.0%	0.0%	0.0%	.	.
Grand Itasca Clinic	0.5%	2.2%	1.7%	.	<
Hamm Clinic	3.0%	2.0%	-1.0%	.	.
HealthEast Grand Avenue Clinic	2.2%	8.9%	6.7%	.	.
HealthEast Oakdale	0.0%	6.6%	6.6%	.	.
HealthEast Rice Street Clinic	3.2%	15.2%	12.0%	Y	.
HealthEast Roseville Clinic	3.8%	0.0%	-3.8%	.	.
HealthEast Woodbury Clinic	0.0%	4.9%	4.9%	.	.
HealthPartners - Anoka	1.7%	2.3%	0.5%	.	.
HealthPartners - Bloomington	7.8%	5.2%	-2.6%	.	.
HealthPartners - Brooklyn Center	1.7%	4.7%	3.1%	.	.
HealthPartners - Como	6.4%	7.6%	1.2%	.	.
HealthPartners - Coon Rapids	4.3%	7.3%	3.0%	.	.
HealthPartners - Elk River	2.9%	5.0%	2.1%	.	.
HealthPartners - Hlth Ctr for Women	2.9%	3.6%	0.7%	.	.
HealthPartners - Inver Grove Behav Hlth	3.9%	17.6%	13.7%	Y	.
HealthPartners - Maplewood	11.1%	12.4%	1.3%	.	.
HealthPartners - Regions BH Maplewood	4.8%	17.0%	12.1%	Y	.
HealthPartners - Regions BH St Paul	7.8%	6.1%	-1.8%	.	.
HealthPartners - Regions BH Woodbury	4.0%	10.4%	6.4%	.	.
HealthPartners - Riverside	2.1%	1.3%	-0.9%	.	.
HealthPartners - Riverside Behav Hlth	6.8%	15.0%	8.2%	.	.
HealthPartners - St Paul	1.0%	4.1%	3.2%	.	.
HealthPartners - West	0.0%	7.6%	7.6%	.	.
HealthPartners - West Behav Hlth	6.5%	11.1%	4.6%	.	.
HealthPartners - White Bear Lake	10.0%	8.1%	-1.9%	.	.
HealthPartners - Woodbury	5.8%	7.4%	1.7%	.	.
HealthPartners Central Minnesota Clinics	5.1%	6.7%	1.6%	.	.
HCMC Clinics - Richfield Clinic	4.2%	0.0%	-4.2%	.	.
HCMC Clinics - Whittier Clinic	5.1%	1.3%	-3.8%	.	<
Hutchinson Health - Hutchinson Clinic	0.0%	2.0%	2.0%	.	.
Hutchinson Health - Mental Health Clinic	0.0%	2.7%	2.7%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	1.3%	9.2%	7.8%	Y	.
Lake Superior Community Health Center - Duluth	2.7%	1.6%	-1.1%	.	.
Lakeland Mental Health Center - Fergus Falls	0.0%	0.0%	0.0%	.	.
Lakeland Mental Health Center - Moorhead	0.0%	0.0%	0.0%	.	.
Mankato Clinic - Daniel's Health Center	10.0%	11.0%	1.0%	.	.
Mankato Clinic - Department of Psychiatry & Psychology	9.2%	9.0%	-0.2%	.	.
Mankato Clinic - Main Street	7.2%	7.6%	0.4%	.	.
Mankato Clinic - North Mankato	17.1%	12.1%	-5.0%	.	.
Mankato Clinic - Wickersham Campus	4.3%	9.6%	5.3%	.	.
Mayo Clinic - Baldwin Bldg., Primary Care Internal Med.	7.5%	9.7%	2.2%	.	.
Mayo Clinic - Speciality Practice	1.6%	2.6%	1.0%	.	<
Mayo Clinic Health System Albert Lea	5.2%	5.2%	0.1%	.	.
Mayo Clinic Health System Austin	2.5%	4.2%	1.7%	.	.
Mayo Clinic Health System Cannon Falls	0.0%	4.7%	4.7%	.	.
Mayo Clinic Health System Fairmont	6.7%	2.1%	-4.6%	.	>
Mayo Clinic Health System Lake Crystal	2.4%	3.1%	0.7%	.	.
Mayo Clinic Health System Le Sueur	3.2%	2.6%	-0.6%	.	.
Mayo Clinic Health System Mankato Eastridge	7.3%	8.0%	0.7%	.	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months (continued)**

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.5%	9.9%	4.4%	Y	
Mayo Clinic Health System Mankato Northridge	3.9%	3.6%	-0.3%	.	<
Mayo Clinic Health System Owatonna	5.7%	3.9%	-1.8%	.	<
Mayo Clinic Health System Red Wing	2.8%	2.4%	-0.5%	.	<
Mayo Clinic Health System St. Peter	4.8%	5.0%	0.2%	.	.
Mayo Clinic Health System Waseca	0.0%	7.0%	7.0%	.	.
Midwest Ctr. for Personal & Family Dev. - Saint Paul	0.0%	3.6%	3.6%	.	.
Minnesota Mental Health Clinics - Eagan Clinic	3.7%	5.6%	1.9%	.	<
Minnesota Mental Health Clinics- Woodbury Clinic	3.0%	4.3%	1.3%	.	.
Multicare Associates - Blaine Medical Center	4.0%	2.5%	-1.5%	.	<
Multicare Associates - Fridley Medical Center	3.2%	3.5%	0.3%	.	.
Native American Community Clinic	7.3%	11.9%	4.6%	.	.
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.6%	0.6%	.	<
North Memorial Clinic - Golden Valley Physicians	2.8%	10.2%	7.4%	.	.
North Memorial Clinic - Rockford Road	6.5%	9.0%	2.5%	.	.
NorthPoint Health & Wellness Center	3.4%	2.2%	-1.2%	.	.
Northwest Family Physicians - Crystal	6.0%	3.3%	-2.8%	.	<
Olmsted Medical Center - Rochester Northwest	4.8%	13.2%	8.4%	.	.
Olmsted Medical Center - Rochester Southeast	4.1%	11.9%	7.7%	Y	.
Olmsted Medical Ctr. - Rochester Southeast - Psychiatry	11.9%	13.0%	1.1%	.	.
Park Nicollet Clinic - Bloomington	12.2%	17.5%	5.2%	.	.
Park Nicollet Clinic - Brookdale	12.0%	11.6%	-0.4%	.	.
Park Nicollet Clinic - Burnsville	7.3%	7.9%	0.6%	.	.
Park Nicollet Clinic - Carlson	10.9%	15.2%	4.3%	.	.
Park Nicollet Clinic - Chanhassen	21.9%	34.4%	12.5%	.	.
Park Nicollet Clinic - Eagan	19.7%	23.3%	3.6%	.	.
Park Nicollet Clinic - Maple Grove	7.5%	21.9%	14.4%	Y	.
Park Nicollet Clinic - Minneapolis	9.8%	14.8%	5.0%	.	.
Park Nicollet Clinic - Shakopee	5.0%	9.9%	5.0%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	4.0%	11.8%	7.8%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	1.8%	14.8%	13.0%	Y	>
Park Nicollet Clinic - St. Louis Park Psychiatry	7.6%	12.8%	5.2%	Y	.
Raiter Clinic-IHN	6.5%	0.0%	-6.5%	.	>
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	3.4%	4.2%	0.8%	.	.
Sanford Bemidji Main Clinic Family Medicine	2.6%	3.8%	1.1%	.	.
Sanford Health Detroit Lakes Clinic	0.0%	1.3%	1.3%	.	.
Sanford Thief River Falls Clinic	6.5%	2.0%	-4.5%	.	>
South Central Human Relations Center	3.5%	5.0%	1.5%	.	.
Southwestern Mental Health Ctr. Avera - Worthington	0.0%	2.8%	2.8%	.	.
St Luke's Clinics-Denfeld	0.0%	0.0%	0.0%	.	.
St. Cloud Hospital - Behavioral Health Clinic	4.1%	5.0%	0.9%	.	<
St. Cloud Medical Group - NW- IHN	3.8%	2.6%	-1.2%	.	<
St. Cloud Medical Group - South -IHN	2.8%	4.3%	1.5%	.	.
Stark Mental Health Clinic	0.0%	0.0%	0.0%	.	.
Stevens Community Medical Center	0.0%	0.0%	0.0%	.	.
Stillwater Medical Group - Curve Crest Clinic	5.7%	8.3%	2.5%	.	.
United Family Medicine	3.0%	5.2%	2.2%	.	.
United Hospital District Clinic	3.2%	2.3%	-1.0%	.	.
University of Minnesota Health - Primary Care Center	0.0%	2.5%	2.5%	.	.
University of Minnesota Health - Psychiatry Clinic	4.1%	4.2%	0.1%	.	<
University of MN Health - Smiley's Family Medicine Clinic	2.4%	4.5%	2.0%	.	.
University of MN Physicians - Bethesda Family Medicine Clinic	4.7%	2.9%	-1.8%	.	.
University of MN Physicians - Phalen Village Family Medicine Clinic	0.0%	6.3%	6.3%	Y	.
Western Mental Health Center, Inc.	4.9%	1.9%	-3.0%	.	.
Winona Health - Winona Clinic	0.0%	0.7%	0.7%	.	<
Woodland Centers - Willmar	3.3%	8.3%	5.1%	.	.
Zumbro Valley Health Center - Behavioral Health	8.1%	11.8%	3.7%	.	.

Y = Yes; statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Breast Cancer Screening

Sixty-six medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was about 15 percentage points and is statistically significant. This means that the Breast Cancer Screening statewide rate for MHCP patients (62 percent) was significantly lower than that of Other Purchasers (77 percent).

Sixty-five of the medical groups had rates for MHCP patients that were lower than Other Purchasers; 50 of these medical groups had statistically significant gaps between purchasers within the medical group. (See Table 46, Column 5). One medical group had a rate that was higher for MHCP patients than Other Purchasers (designated with a negative sign in Column 4).

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap at the statewide level. For Breast Cancer Screening, 11 medical groups had a gap significantly larger than the statewide gap, and five medical groups had a rate significantly smaller than the statewide gap. One of those five medical groups had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

One medical group (**Open Cities Health Center**) had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 46 summarizes these findings.

**Table 46: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Breast Cancer Screening**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	61.5%	76.8%	15.3%	Y	
Affiliated Community Medical Centers	72.5%	84.1%	11.6%	Y	.
Alexandria Clinic	75.9%	87.8%	11.9%	Y	.
Allina Health Specialties	71.9%	86.7%	14.8%	Y	.
Altru Health System	47.7%	81.0%	33.4%	Y	>
Apple Valley Medical Clinic	49.2%	69.3%	20.1%	Y	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	63.1%	82.2%	19.1%	Y	.
Buffalo Clinic, PA - IHN	67.4%	79.7%	12.2%	Y	.
CentraCare Family Health Center	59.2%	77.1%	18.0%	Y	.
CentraCare Health	65.4%	86.8%	21.5%	Y	>
Chippewa County Montevideo Hospital and Medical Clinic	74.2%	86.5%	12.3%	.	.
Community University Health Care Center	67.8%	72.0%	4.3%	.	<
Cuyuna Regional Medical Center	63.6%	83.7%	20.0%	Y	.
Duluth Family Medicine Clinic	57.8%	69.0%	11.2%	.	.
Entira Family Clinics (formerly Family Health Services MN)	49.6%	71.9%	22.3%	Y	>
Essentia Health - Central Region	65.6%	84.9%	19.3%	Y	.
Essentia Health - East Region	64.1%	84.0%	20.0%	Y	>
Essentia Health - Fosston	60.0%	81.6%	21.6%	Y	.
Essentia Health - St. Mary's	60.0%	86.1%	26.1%	Y	>
Essentia Health - West	65.6%	84.1%	18.5%	Y	.
Fairview Medical Group	66.4%	80.8%	14.4%	Y	.
Fairview Mesaba Clinics	67.3%	79.8%	12.5%	Y	.
Family Practice Medical Center of Willmar	77.3%	83.9%	6.6%	.	.
FirstLight Health System	65.5%	76.1%	10.6%	.	.
Gateway Family Health Clinic	54.7%	73.2%	18.5%	Y	.
Glenwood Medical Center	62.2%	75.0%	12.8%	.	.
Grand Itasca Clinic	64.4%	81.2%	16.8%	Y	.
HealthEast Clinics	65.9%	79.7%	13.8%	Y	.
HealthPartners Clinics	78.2%	89.2%	11.0%	Y	<
Hennepin County Medical Center (HCMC) Clinics	70.4%	74.1%	3.7%	.	<
Hutchinson Health	70.0%	78.9%	8.9%	.	.
Lake Region Healthcare	47.1%	84.2%	37.1%	Y	>
Lakeview Clinic	65.3%	78.9%	13.6%	Y	.
Lakewood Health System	57.1%	77.8%	20.6%	Y	.

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

**Table 46: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Breast Cancer Screening (continued)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	61.5%	76.8%	15.3%	Y	
Mankato Clinic, Ltd.	69.2%	84.8%	15.6%	Y	.
Mayo Clinic	76.1%	87.8%	11.7%	Y	.
Mayo Clinic Health System - Albert Lea and Austin	70.9%	76.5%	5.6%	Y	<
Mayo Clinic Health System - Fairmont	78.2%	86.9%	8.8%	Y	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	81.6%	89.0%	7.5%	.	.
Mayo Clinic Health System - Lake City	80.7%	90.3%	9.7%	.	.
Mayo Clinic Health System - Mankato	70.8%	86.2%	15.4%	Y	.
Mayo Clinic Health System - Red Wing	72.0%	82.1%	10.1%	Y	.
Mayo Clinic Health System-Owatonna	76.4%	87.8%	11.4%	Y	.
Mille Lacs Health System	61.0%	73.8%	12.8%	.	.
Multicare Associates	63.0%	78.2%	15.2%	Y	.
New Hope Crystal Medical Clinic	53.3%	54.3%	1.0%	.	.
North Clinic	65.5%	78.7%	13.2%	Y	.
North Memorial	60.6%	75.4%	14.8%	Y	.
NorthPoint Health & Wellness Center	64.7%	86.8%	22.1%	Y	.
Northwest Family Physicians	64.5%	75.4%	10.9%	Y	.
Olmsted Medical Center	73.8%	83.9%	10.1%	Y	.
Open Cities Health Center	62.9%	50.0%	-12.9%	.	<
Park Nicollet Health Services	64.6%	83.8%	19.2%	Y	>
Raiter Clinic, LTD - IHN	55.0%	70.9%	16.0%	Y	.
Ridgeview Clinics	52.3%	75.0%	22.7%	Y	.
Sanford Health - Fargo Region	66.8%	83.5%	16.7%	Y	.
Sanford Health - Sioux Falls Region	69.4%	83.9%	14.5%	Y	.
Scenic Rivers Health Services	62.8%	76.0%	13.2%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	47.9%	80.2%	32.2%	Y	>
St. Luke's Clinics	50.9%	77.9%	27.0%	Y	>
Stillwater Medical Group	72.7%	82.3%	9.5%	Y	.
Tri-County Health Care	76.7%	80.4%	3.8%	.	.
United Family Medicine	58.9%	68.7%	9.8%	Y	.
Unity Family Healthcare - Avon	60.3%	83.0%	22.8%	Y	.
University of Minnesota Physicians	51.5%	78.2%	26.7%	Y	>
West Side Community Health Services	58.4%	66.1%	7.7%	.	.
Winona Health Services	51.7%	79.7%	28.1%	Y	>

Y = Yes, statistical significance  
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

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## Childhood Immunization Status (Combo 3)

Nine medical groups met the minimum reporting requirement of at least 60 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was 10 percentage points and is statistically significant. This means that the Childhood Immunization statewide rate for MHCP patients (69 percent) was significantly lower than that of Other Purchasers (80 percent).

All medical groups had a MHCP rate that was lower than Other Purchasers; six of those groups had a statistically significant gap between purchasers.

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Childhood Immunization measure, only one of the medical groups had a gap between purchasers that was significantly different than the gap for the statewide rate and the gap was larger. (See Table 47, Column 6)

There were no medical groups that had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than the statewide purchaser rate gap. Table 47 summarizes these findings.

**Table 47: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Childhood Immunization Status (Combo 3)**

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
<b>Statewide</b>	<b>69.2%</b>	<b>79.6%</b>	<b>10.4%</b>	<b>Y</b>	
<b>Allina Health Specialties</b>	<b>78.0%</b>	<b>83.7%</b>	<b>5.6%</b>	.	.
<b>CentraCare Health</b>	<b>62.5%</b>	<b>91.8%</b>	<b>29.3%</b>	<b>Y</b>	<b>&gt;</b>
<b>Children's Clinic Network</b>	<b>49.9%</b>	<b>74.3%</b>	<b>24.4%</b>	<b>Y</b>	.
<b>Fairview Medical Group</b>	<b>73.5%</b>	<b>87.1%</b>	<b>13.6%</b>	<b>Y</b>	.
<b>Grand Itasca Clinic</b>	<b>77.7%</b>	<b>87.1%</b>	<b>9.4%</b>	.	.
<b>HealthPartners Clinics</b>	<b>74.5%</b>	<b>91.6%</b>	<b>17.1%</b>	<b>Y</b>	.
<b>Park Nicollet Health Services</b>	<b>65.4%</b>	<b>80.2%</b>	<b>14.8%</b>	<b>Y</b>	.
<b>Sanford Health - Sioux Falls Region</b>	<b>80.1%</b>	<b>84.9%</b>	<b>4.8%</b>	.	.
<b>Southdale Pediatric Associates, Ltd</b>	<b>57.8%</b>	<b>83.0%</b>	<b>25.2%</b>	<b>Y</b>	.

Y = Yes, statistical significance  
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Please see the next page.

## Appendix 6: Glossary

Attributed patient for measures collected by health plans (administrative and hybrid) – A patient assigned, or attributed, to a medical group for measurement purposes when the patient had one or more visits to that medical group during the measurement year. If a patient visited more than one medical group during the measurement year, the patient was attributed to the clinic at which he/she was seen the greatest number of times. If the number of visits to two different medical groups was the same, the patient was attributed to the medical group he/she visited most recently. An example of an unattributed patient could be someone a health plan identified using pharmacy data. Since this patient did not visit a medical group during the measurement year, he/she could not be assigned to a medical group during the attribution process. The federal Tax Identification Number is used as the common identifier for aggregating files across all health plans.

Attributed patient for measures collected by Direct Data Submission (DDS) – Medical groups must attribute each patient to a single clinic within their medical group. Each medical group's patient attribution method is defined by the medical group and is then reviewed by MNMCM as part of the denominator certification process.

Benchmarks – The benchmarks (standards used for comparisons) include the 2015 national commercial HEDIS rate and the 2015 national Medicaid HEDIS rate. The benchmark HEDIS rate is a national average of more than 90 percent of managed health care plans and some PPO health plans that submit data to NCQA to measure performance against a detailed set of measure criteria. Benchmarks were included in this report for measures with a comparable national Medicaid HEDIS rate (Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI, Chlamydia Screening in Women and Childhood Immunization Status (Combo 3)).

Clinic – Any location where primary or specialty care ambulatory services are provided for a fee by one or more physicians.

Direct Data Submission (DDS) measures – Measures collected using the DDS process, which include Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months. The results of these measures are calculated using data submitted by medical groups/clinics. These data come from electronic health records or paper-based medical charts.

Dual eligibles – Patients who were enrolled in both Medicare and Minnesota State Public programs.

Healthcare Effectiveness Data and Information Set (HEDIS) measures – HEDIS measures, produced by NCQA, are a set of standardized, quantifiable measures designed to allow reliable comparisons of the performance of insurers and care providers across a broad range of important health issues. HEDIS measures include: Controlling High Blood Pressure, Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI, Chlamydia Screening in Women, Breast Cancer Screening and Childhood Immunization Status (Combo 3). The data for these measures come from health plan claims and/or medical record review. Health plan files are aggregated and then results are reported at the medical group level.

Institute for Clinical Systems Improvement (ICSI) – ICSI is an independent collaborative that helps its members provide evidence-based health care services to patients. Comprised of approximately 50 medical groups and sponsored by three Minnesota nonprofit health plans, ICSI unites diverse stakeholders to deliver patient-centered and value-driven care in Minnesota and surrounding areas.

## Appendix 6: Glossary

Measure categories – MNMCM combines measures into the following categories to summarize medical group/clinic performance:

- **Measure Specification Changes since 2014** – Measures in this category experienced specification changes in the previous year. Due to this, no trend data is available.
- **“Large Increase” and “Large Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was greater than or equal to five percentage points from 2014 to 2015.
- **“Moderate Increase” and “Moderate Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was greater than or equal to one percentage point and less than or equal to five percentage points from 2014 to 2015.
- **“Small Increase” and “Small Decrease”** – These categories include measures that displayed a MHCP rate change whose absolute value was less than or equal to one percentage point from 2014 to 2015.

Medical group – One or more clinic sites operated by a single organization.

Minnesota Health Care Programs (MHCP) – These health care programs (i.e., Medical Assistance including dual eligibles and MinnesotaCare) provide service under both fee-for-service and managed care delivery systems purchased by DHS. This report only includes performance rates for the managed care programs (i.e., Medical Assistance including dual eligibles and MinnesotaCare).

MHCP medical group average – This represents the average performance of all medical groups for patients covered by MHCP. The MHCP medical group average includes *only* those MHCP patients who were attributed to medical groups. Some medical groups meet the minimum threshold necessary for MNMCM to report their performance and others do not; however all of their data are included in calculating this average. This rate is the most appropriate average to use on the graphs that compare a single medical group with the performance of all medical groups. The medical group average tends to be slightly higher than the MHCP statewide average because it includes patients who accessed care within the measurement year. MHCP medical group averages are only used on charts that compare medical groups.

MHCP statewide average – This represents the average performance rate at the statewide level for all MHCP patients. MHCP statewide averages include patients who were attributed to a medical group *and* patients who were not attributed to a medical group.

MN Community Measurement (MNCM) – MNMCM is an independent, community-based, non-profit organization dedicated to accelerating the improvement of health in Minnesota and surrounding communities through measurement and public reporting of health care performance. For more information, please visit [mncm.org](http://mncm.org).

National Committee for Quality Assurance (NCQA) – A national non-profit organization dedicated to improving health care quality. NCQA accredits and certifies a wide range of health care organizations, as well as produces HEDIS measures.

Other Purchasers – This includes commercial (employer-based insurance coverage) and Medicare managed care data (excluding dual eligibles insured through MHCP). It also includes health plan data from commercial HMO/POS and some PPO products, plus Medicare Cost and Medicare Advantage.

## Appendix 6: Glossary

Statistical significance - The significance level is the principle used for rejecting the null hypothesis (e.g. the difference between a medical group rate and the statewide rate occurred by chance). To test this hypothesis, the difference between the findings of the study and the null hypothesis is calculated. With the assumption that the null hypothesis is true, the probability of the difference is determined and compared to the significance level (in this report, the significance level is defined as  $p < 0.05$ ). If the probability is less than the significance level, then the null hypothesis is rejected and the outcome is said to be statistically significant.

Self-Paid – Patients who pay for their own health care services.

Statewide rates – This includes patients meeting measurement criteria enrolled in managed care health plans including commercial, Medicaid managed care and Medicare managed care.

## Appendix 7: Measure Definitions

### Measures with Specification Changes in 2015

- Optimal Diabetes Care – Measures the percentage of patients with diabetes (Types 1 and 2) ages 18-75 who reached all four treatment goals to reduce the risk of cardiovascular disease. The treatment goals include hemoglobin A1c (A1c) less than 8, blood pressure less than 140/90 mmHg, daily aspirin use if they have a co-morbidity of Ischemic Vascular Disease (IVD), and documented tobacco-free status.  
In 2014, the measure specification included an LDL component of LDL-C less than 100 mg/dl.
- Optimal Vascular Care – Measures the percentage of patients with vascular disease ages 18-75 who reached all three treatment goals to reduce modifiable risk factors. The treatment goals include blood pressure less than 140/90, daily aspirin use, and documented tobacco-free status.  
In 2014, the measure specification included an LDL component of LDL-C less than 100 mg/dl.
- Optimal Asthma Control – Children Ages 5-17 – Measures the percentage of patients ages 5-17 with persistent asthma who have reached all of the following two targets to control their asthma: (1) evidence of well controlled asthma and (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations.  
In 2014, the measure specification included a component on education about asthma and self-management of the condition and the patient received a written asthma management plan.
- Optimal Asthma Control – Adults Ages 18-50 – Measures the percentage of patients ages 18-50 with persistent asthma who have reached all of the following two targets to control their asthma: (1) evidence of well controlled asthma and (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations.  
In 2014, the measure specification included a component on education about asthma and self-management of the condition and the patient received a written asthma management plan.
- Controlling High Blood Pressure – Measures the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at: (1) Patients ages 18-59 whose blood pressure was <140/90 mm Hg, (2) Patients ages 60-85 with a diagnosis of diabetes whose blood pressure was <140/90 mm Hg or (3) Patients ages 60-85 without a diagnosis of diabetes whose blood pressure was <150/mm Hg. The representative blood pressure is the most recent blood pressure reading during the measurement year (as long as the reading occurred after the diagnosis of hypertension was made).  
In 2014, this measured the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year.

### Increase in MHCP Rate Measures

#### Moderate Increase

- Appropriate Testing for Children with Pharyngitis – Measures the percentage of children ages 2-18 given an antibiotic for pharyngitis (sore throat) who also received a group A streptococcus (strep) test for the episode period (July 1 of prior year to June 30 of measurement year). A higher rate represents better performance.
- Appropriate Treatment for Children with Upper Respiratory Infection (URI) – Measures the percentage of children ages three months to 18 years with a diagnosis of URI who were not given an antibiotic prescription within three days of the episode period (July 1 of prior year to June 30 of measurement year). A higher rate represents better performance.

#### Small Increase

- Colorectal Cancer Screening – Measures the percentage of adults ages 51-75 who had appropriate screening for colorectal cancer screenings.

## Appendix 7: Measure Definitions

- Chlamydia Screening in Women – Measures the percentage of sexually active women ages 16-24 who had at least one test for Chlamydia infection during the measurement year.
- Depression Remission at Six Months – Measures the percentage of patients whose PHQ-9 score is less than five at six months after their initial score was documented, which is the definition of remission. It's based on the denominator of patients with a diagnosis of major depression or dysthymia whose initial PHQ-9 score is greater than nine.

### Decrease in MHCP Rate Measures

#### Moderate Decrease

- Breast Cancer Screening – Measures the percentage of women ages 50-74 who had a mammogram during the measurement year or prior year. The Breast Cancer Screening measure experienced revisions to its age criterion this year. The age criterion for previous years included ages 50-69.
- Childhood Immunization Status (Combo 3) – Measures the percentage of children two years of age who had four DTaP/DT, three IPV, one MMR, two H influenza type B, three Hepatitis B, one VZV, and four pneumococcal conjugate vaccines within the HEDIS specified time period and by their second birthday.

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