

# 2016

## 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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**m** DEPARTMENT OF  
HUMAN SERVICES

# 2016 Health Care Disparities Report *for* Minnesota Health Care Programs

(For care delivered in 2015)

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# 2016

## Health Care Disparities Report

*for Minnesota Health Care Programs*

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## Executive Summary

The 2016 *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 Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17; Optimal Asthma Control - Adults Ages 18-50; Colorectal Cancer Screening;), 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>123</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
- Depression Remission at Six Months
- Optimal Asthma Control – Children Ages 5-17
- Optimal Asthma Control – Adults Ages 18-50
- Childhood Immunization Status (Combo 3)\*
- Colorectal Cancer Screening
- Appropriate Testing for Children with Pharyngitis\*
- Appropriate Treatment for Children with Upper Respiratory Infection (URI)\*
- Controlling High Blood Pressure\*
- Breast Cancer Screening\*
- Chlamydia Screening in Women\*

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

### Key Findings

- Eight of the nine MHCP statewide measures have improved since last year. Five of these improvements were statistically significant (see **Table 1**). Optimal Asthma Control – Children Ages 5-17 and Optimal Asthma Control – Adults Ages 18-50 had the largest gains in MHCP rates.
- One measure declined from last year but this was not statistically significant (Chlamydia Screening in Women).
- Of the six measures with three or more years of data, four have improved since their first year of measurement for MHCP patients (See **Table 1**). Childhood Immunization Status (Combo 3) has had the largest gain (22 percentage point increase), followed by Appropriate Testing for Children with Pharyngitis (18 percentage point increase) and Colorectal Cancer Screening (eight percentage point increase). All three changes were statistically significant.

<sup>1</sup> American Health Insurance Plans (2006). Addressing Disparities in Health. Available at [www.ahip.org/HealthAndMedicine/DiversityAndCulturalCompetency](http://www.ahip.org/HealthAndMedicine/DiversityAndCulturalCompetency).

<sup>2</sup> Robert Wood Johnson Foundation (2010). Quality & Equality in U.S. Health Care: A Message Handbook.

<sup>3</sup> Snowden AM, Kuerth V, Carlson, AM, McRae JA, Vetta E. Addressing Health Care Disparities Using Public Reporting. American Journal of Medical Quality, July/August 2012: 275-281.

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- The Appropriate Treatment for Children with URI measure continues to have the highest MHCP rate at 93 percent, followed by Appropriate Testing for Children with Pharyngitis at 90 percent. The measure with the lowest MHCP rate was Depression Remission at Six Months at five percent.
- 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 (19 percentage points)
  - Breast Cancer Screening (16 percentage points)
  - Optimal Vascular Care (16 percentage points)
- Statewide gaps in performance rates between MHCP and Other Purchasers have narrowed over time for six measures. One of these changes was statistically significant (indicated by an asterisk):
  - Chlamydia Screening in Women (over eight years)
  - Appropriate Testing for Children with Pharyngitis (over eleven years)\*
  - Controlling High Blood Pressure (over two years)
  - Childhood Immunization Status (Combo 3) (over eleven years)
  - Optimal Asthma Control – Adults Ages 18-50 (over two years)
  - Colorectal Cancer Screening (over six years)
- Differences exist between **racial/ethnic groups** within the MHCP patient population for all seven HEDIS measures\*\*.
  - **Childhood Immunization Status (Combo 3)** – Multi-Racial patients had the highest childhood immunization rate, and this rate was significantly above the statewide average. The American Indian or Alaska Native racial group had the lowest performance rate and it were significantly below the statewide MHCP rate. Also, Black or African American patients also had a rate that was 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 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** – Asian patients had the highest rate of receiving appropriate treatment for children with URI and had a significantly higher rate than the statewide MHCP rate. Black or African American patients also had a rate that was significantly higher than the statewide MHCP rate. White patients had the lowest rate and it was significantly below the statewide MHCP rate.
  - **Controlling High Blood Pressure** – American Indian or Alaska Natives had the highest controlling blood pressure rate; however, this rate was not significantly higher than the statewide MHCP rate Multi-Racial patients had the lowest rates, which was significantly below the statewide MHCP rate. Black or African American patients also had a rate that was significantly below the statewide MHCP rate.

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- **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 Alaska Natives continued to have the lowest rate and had a significantly lower rate than the statewide MHCP rate.
- **Chlamydia Screening in Women** – Black or African Americans had the highest chlamydia screening rate and this was significantly above the MHCP statewide rate. The Unknown and Multi-Racial groups also had chlamydia screening rates significantly higher than the MHCP statewide rate. Whites had the lowest rate and was the only racial/ethnic group with a rate significantly below the MHCP statewide 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 health care performance rates that were significantly higher than 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 performance rate significantly higher than the statewide MHCP 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 four measures (Optimal Diabetes 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** had the lowest rate for the Optimal Vascular Care measure. This region had the highest rate for one measure (Colorectal Cancer Screening). 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 (Optimal Diabetes Care; Optimal Vascular Care; Depression Remission at Six Months; Optimal Asthma Control – Children Ages 5-17). The rates for Optimal Diabetes Care; Optimal Vascular Care; Depression Remission at Six Months; Optimal Asthma Control – Children Ages 5-17 were 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 one measure (Optimal Asthma Control – Adults Ages 18-50). The rates for the Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening measures were significantly above the MHCP statewide rate. This region did not have the lowest rate for any measure.

There were three measures that experienced revisions to their measure specifications: **Optimal Diabetes Care, Optimal Vascular Care, and Depression Remission at Six Months**. Due to the changes in the measure specifications for these measures in 2016, 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 *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 *2016 Health Care Disparities Report* for MHCP patients compared to last year's report. The Appropriate Testing for 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. The Colorectal Cancer Screening measure continues to have the largest 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, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50 and Colorectal Cancer Screening. 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.**

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### Statewide Rate Comparisons to Previous Years

**Table 1** displays the MHCP statewide results for report year 2016, which reflect 2015 dates of service, and compares the 2016 report results to previous years. See the definitions listed below for measure categories.

- **Measure Specification Changes since 2015** – 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 2015 to 2016.
- **“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 2015 to 2016.
- **“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 2015 to 2016.

**Table 1:** Summary of MHCP Statewide Rates for 2016 Report Year Compared to Previous Years

Quality Measure	2016 MHCP Statewide Average	MHCP Percentage Point Change Statewide (Report Year 2016-2015)	MHCP Percentage Point Change Over Time (Report Year 2016 to First Year Reported)
<b>Measure Specification Changes since 2015</b>			
Optimal Diabetes Care*	33.6%	N/A	N/A
Optimal Vascular Care*	52.3%	N/A	N/A
Depression Remission at Six Months	4.8%	N/A	N/A
<b>Increase in MHCP Rate since 2015</b>			
<b>Large Increase</b>			
Optimal Asthma Control - Children Ages 5-17*	58.3%	5.3**	5.3** (2 year)
<b>Moderate Increase</b>			
Optimal Asthma Control - Adults Ages 18-50*	44.6%	2.9	2.9** (2 year)
Childhood Immunization Status (Combo 3)*	71.0%	1.8**	21.8** (11 years)
Colorectal Cancer Screening*	55.6%	1.7**	8.2** (6 years)
Appropriate Testing for Children with Pharyngitis	89.6%	1.4**	18.0** (11 years)
Appropriate Treatment for Children with URI	93.2%	1.2**	6.8** (11 years)
<b>Small Increase</b>			
Controlling High Blood Pressure*	70.1%	0.5	0.5 (2 years)
Breast Cancer Screening	61.8%	0.3	-0.9 (3 years)
<b>Decrease in MHCP Rate since 2015</b>			
<b>Small Decrease</b>			
Chlamydia Screening in Women	56.0%	-0.03	-0.1 (8 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 (2016) (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	2016 MHCP Statewide Average	2016 Other Purchasers Statewide Average	Rate Difference (2016) (Other Purchasers - MHCP)	Rate Difference (Current Year vs. First Year) Over time (Other Purchasers-MHCP)
Chlamydia Screening in Women	56.0%	48.6%	-7.4%**	Gap Narrowed (2009-2016)
Appropriate Treatment for Children with URI	93.2%	89.6%	-3.6%**	Gap Widened** (2006-2015)
Appropriate Testing for Children with Pharyngitis	89.6%	91.3%	1.7%**	Gap Narrowed** (2006-2016)
Controlling High Blood Pressure*	70.1%	76.1%	5.9%**	Gap Narrowed (2015-2016)
Childhood Immunization Status (Combo 3)*	71.0%	82.6%	11.6%**	Gap Narrowed (2006-2016)
Optimal Asthma Control - Children Ages 5-17*	58.3%	70.5%	12.3%**	Gap Widened (2015-2016)
Optimal Asthma Control - Adults Ages 18-50*	44.6%	60.0%	15.4%**	Gap Narrowed (2015-2016)
Breast Cancer Screening	61.8%	77.9%	16.1%**	Gap Widened (2014-2016)
Colorectal Cancer Screening*	55.6%	74.7%	19.1%**	Gap Narrowed (2011-2016)
Depression Remission at Six Months	4.8%	9.1%	4.3%**	N/A
Optimal Diabetes Care*	33.6%	48.9%	15.3%**	N/A
Optimal Vascular Care*	52.3%	68.2%	15.9%**	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 2016 *Health Care Disparities Report for Minnesota Health Care Programs*, which reports on care delivered in 2015, is the tenth 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 2016 report also marks the seventh 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>56</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.

<sup>4</sup> Lavizzo-Mourey, R. (2008). Racial disparities in health care quality should mean equality. *Healthcare Financial Management*, January 2008: 102-104.

<sup>5</sup> Chin MH, Alexander-Young M, Burnet DL. 2009. Health care quality improvement approaches to reducing child health disparities. *Pediatrics* 124: S224-S236.

<sup>6</sup> Horner RD, Salazar W, Geiger J, Bullock K, Corbie-Smith G, Cornog M, Flores G. 2004. Changing healthcare professionals' behaviors to eliminate disparities in healthcare: What do we know? How might we proceed? *Am J Managed Care* 10 (Special Issue): SP12-SP19.

## Introduction

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.

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 2016, 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 MNCM; the other six were developed by the National Committee for Quality Assurance (NCQA) and are known as Healthcare Effectiveness Data and Information Set (HEDIS) measures.

The six MNCM measures are:

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

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 MNCM. 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 MNCM. 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.

<sup>7</sup> Gallagher MP, Cass A, Craig JC. 2010. Applying evidence into routine clinical care at a unit level: The exemplar of renal anemia management. *Nephrology* 15: 429-433.



## Introduction

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 or moderate decrease in MHCP rates between 2015 and 2016. One measure (Optimal Asthma Control – Children Ages 5-17) displayed a large increase, five measures displayed a moderate increase (Optimal Asthma Control – Adults Ages 18-50, Childhood Immunization Status (Combo 3), Colorectal Cancer Screening, Appropriate Testing for Children with Pharyngitis and Appropriate Treatment for Children with URI), and two displayed small increases (Controlling High Blood Pressure and Breast Cancer Screening). One measure displayed a small decrease in MHCP rates between 2015 and 2016 (Chlamydia Screening in Women).

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 two measures: Appropriate Testing for Children with Pharyngitis and Chlamydia Screening in Women. Whites had the highest rate for one measure (Breast Cancer Screening) and had the lowest rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women. Multi-Racial patients had the highest rate for the Childhood Immunization Status (Combo 3) measure and the lowest rate for Controlling High Blood Pressure. American Indians or Alaskan Natives had the highest rate for Controlling High Blood Pressure. Asians had the highest rate for Appropriate Treatment for Children with URI but continue to have the lowest rate for Appropriate Testing for Children with Pharyngitis. Hispanics had performance rates for three measures (Chlamydia Screening in Women, Breast Cancer Screening and Childhood Immunization Status (Combo 3)) that were significantly higher than Non-Hispanics.

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 third annual *Health Equity of Care Report* in February 2016. It included publicly reported statewide, regional and medical group results of seven clinical measures stratified by race, Hispanic ethnicity, preferred language and country of origin. 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 Mark Foresman at [mark.foresman@state.mn.us](mailto:mark.foresman@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 2016 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 2015. Additionally, clinic performance highlights are included for six measures: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, and Colorectal Cancer Screening.

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 and Depression Remission at Six Months measures are not included in this analysis due to measure specification changes in 2016.

### 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 2015 to 2016

### 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 five of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- Hemoglobin A1c (HBA1c) less than 8
- On a statin medication, unless allowed contraindications or exceptions are present
- 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)

In 2016, statin use was included as a component in the numerator. Due to this change, no trend data is available for this measure this year.

For Optimal Diabetes Care in 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Diabetes Care for MHCP patients was 34 percent; the rate for patients enrolled with Other Purchasers was 49 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)
2016	33.6%	33.2% - 34.1%	36,757	48.9%	15.3%**

\* 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.

## 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 four of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- On a statin medication, unless allowed contraindications or exceptions are present
- 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)

In 2016, statin use was included as a component in the numerator. Due to this change, no trend data is available for this measure this year.

For Optimal Vascular Care in 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Vascular Care for MHCP patients was 52 percent; the rate for patients enrolled with Other Purchasers was 68 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)
2016	52.3%	51.4% - 53.2%	11,374	68.2%	15.9%**

\* 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.



## Depression Remission at Six Months

February 1, 2015 - January 31, 2016 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 Patient Health Questionnaire-9 (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)

In 2016, for patients previously indexed, the re-index criteria requires a PHQ-9 result greater than nine and a diagnosis of Major Depression or Dysthymia. (Previously, the diagnosis was not required beyond the first-ever index contact)

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

For Depression Remission at Six Months in 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Depression Remission at Six Months for MHCP patients was five percent; the rate for patients enrolled with Other Purchasers was nine percent. **Table 5** displays statewide rates for each purchaser since measure implementation.

**Table 5:** Statewide Rates for Depression Remission at Six Months

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator	Other Purchaser Rate	Difference (Other-MHCP)
2016	4.83%	4.55% - 5.12%	21,766	9.09%	4.26%**

\* 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.

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## Large Increase in MHCP Rate from 2015 to 2016

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

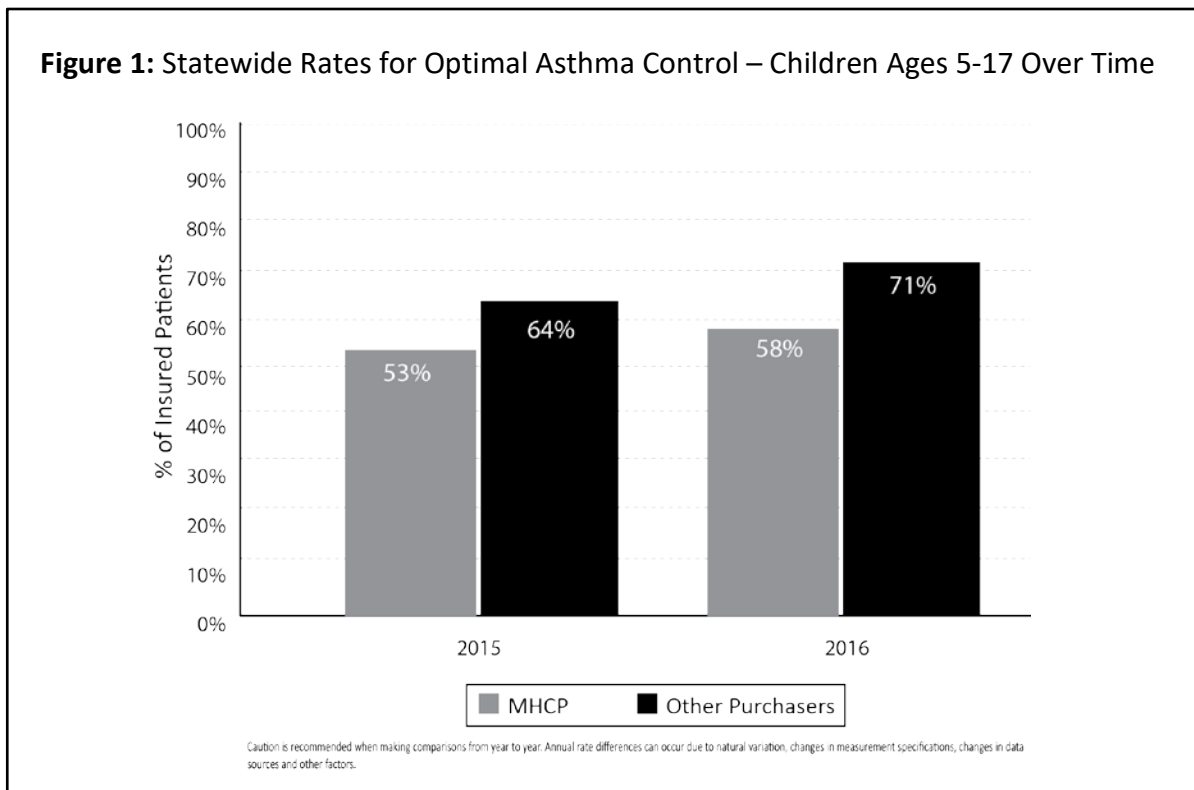
The Optimal Asthma Control measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- 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)

From 2015 to 2016, the percentage of MHCP patients whose asthma was under control increased by five percentage point and this was statistically significant. In 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 1** below for Optimal Asthma Control – Children Ages 5-17 for MHCP and Other Purchasers over time.



For Optimal Asthma Control – Children Ages 5-17 in 2016, 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 58 percent; the rate for patients enrolled with Other Purchasers was 71 percent. **Table 6** displays statewide rates for each purchaser since measure implementation

**Table 6:** 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)
2016 <sup>^</sup>	58.3%	57.5% - 59.0%	15,438	70.5%	12.3%**
2015 <sup>^</sup>	53.0%	52.1% - 53.8%	13,689	63.8%	10.8%**

<sup>^</sup> 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.

## Moderate Increase in MHCP Rate from 2015 to 2016

### Optimal Asthma Control – Adult Ages 18-50

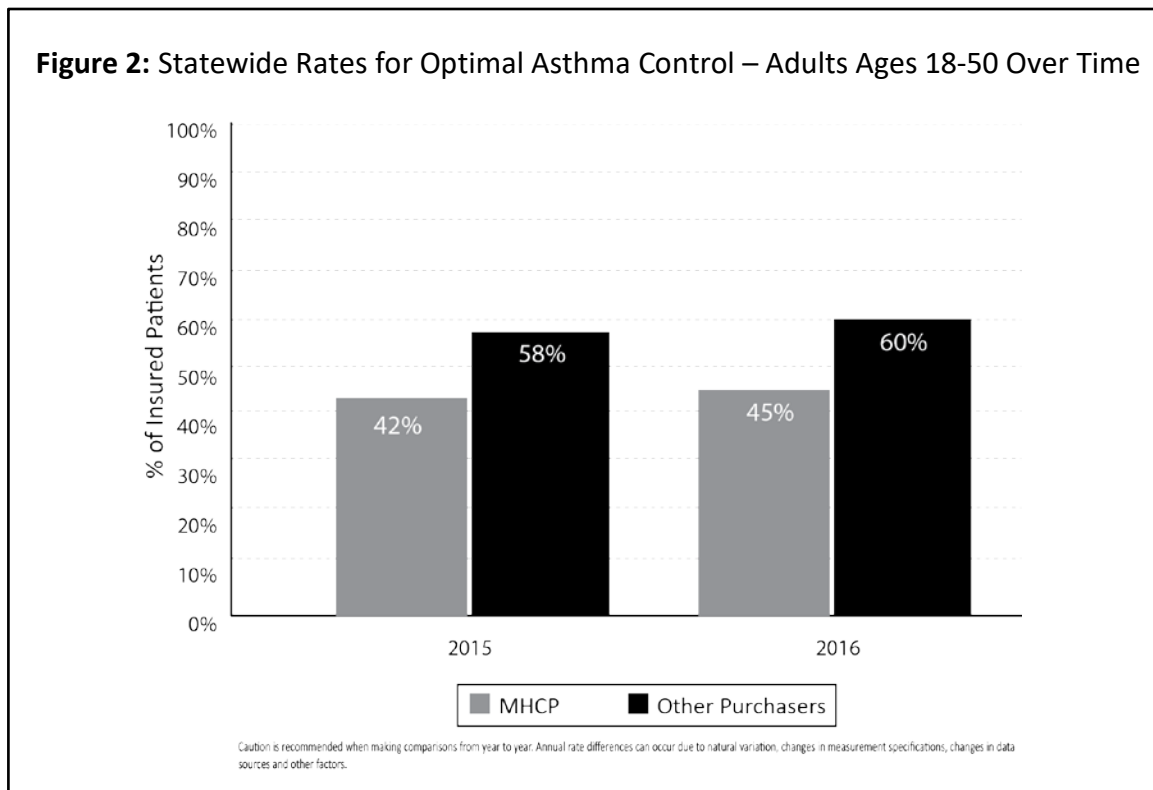
The Optimal Asthma Control measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- 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)

From 2015 to 2016, the percentage of MHCP adult patients whose asthma was under control increased by three percentage point and this was statistically significant. In 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 2** below for Optimal Asthma Control – Adults Ages 18-50 for MHCP and Other Purchasers over time.





For Optimal Asthma Control – Adults Ages 18-50 in 2016, 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 45 percent; the rate for patients enrolled with Other Purchasers was 60 percent. **Table 7** displays statewide rates for each purchaser since measure implementation.

**Table 7: 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)
2016 <sup>^</sup>	44.6%	43.8% - 45.4%	16,009	60.0%	15.4%**
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.

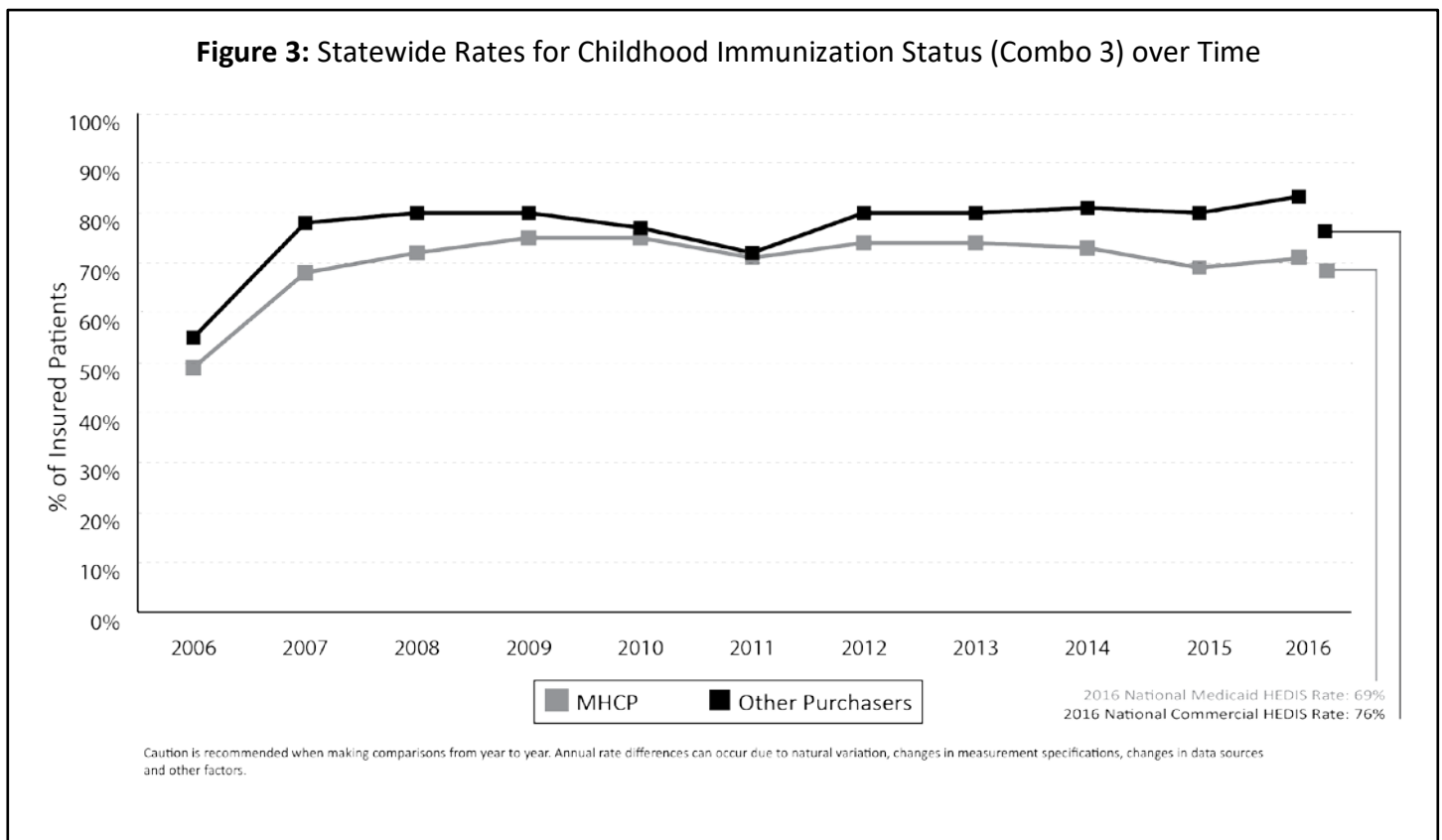
## Childhood Immunization Status (Combo 3)

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 increased from 69 percent in 2015 to 71 percent in 2016 and this increase was statistically significant. See **Figure 3** for MHCP and Other Purchasers rates over time for this measure.



**Figure 3** also includes the 2016 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP rate is above the 2016 National HEDIS benchmark (69 percent). The statewide Other Purchasers rate is the above the 2016 National Commercial benchmark (76 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 71 percent; the rate for Other Purchasers was 83 percent. **Table 8** displays statewide rates for each purchaser since measure implementation.

**Table 8:** 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)
2016	71.0%	69.6% - 72.4%	3,810	82.6%	11.6%**
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 2016, the difference between purchasers for Childhood Immunization Status has narrowed; however, this narrowing 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 widened each year from 2012 to 2015.

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## Colorectal Cancer Screening

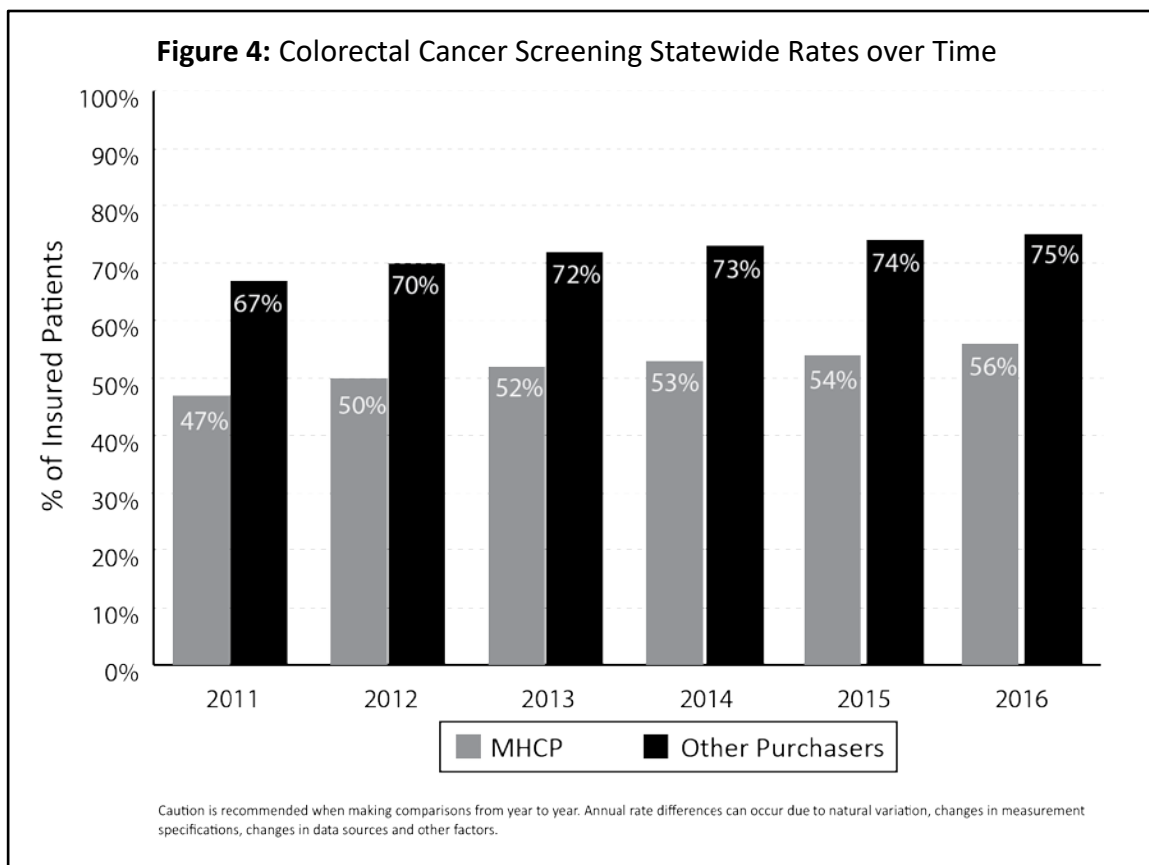
July 1, 2015 - June 30, 2016 Dates of Service

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 54 percent in 2015 to 56 percent in 2016. This increase was statistically significant. Since 2011, the rate for MHCP patients has increased by approximately nine percentage points, which is statistically significant. See **Figure 4** 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 56 percent; the rate for Other Purchasers is 75 percent. **Table 9** displays statewide rates for each purchaser since measure implementation.

**Table 9: Statewide Rates\* for Colorectal Cancer Screening**

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)**
2016	55.6%	55.3% - 55.9%	107,979	74.7%	19.1%**
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 MNM 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.

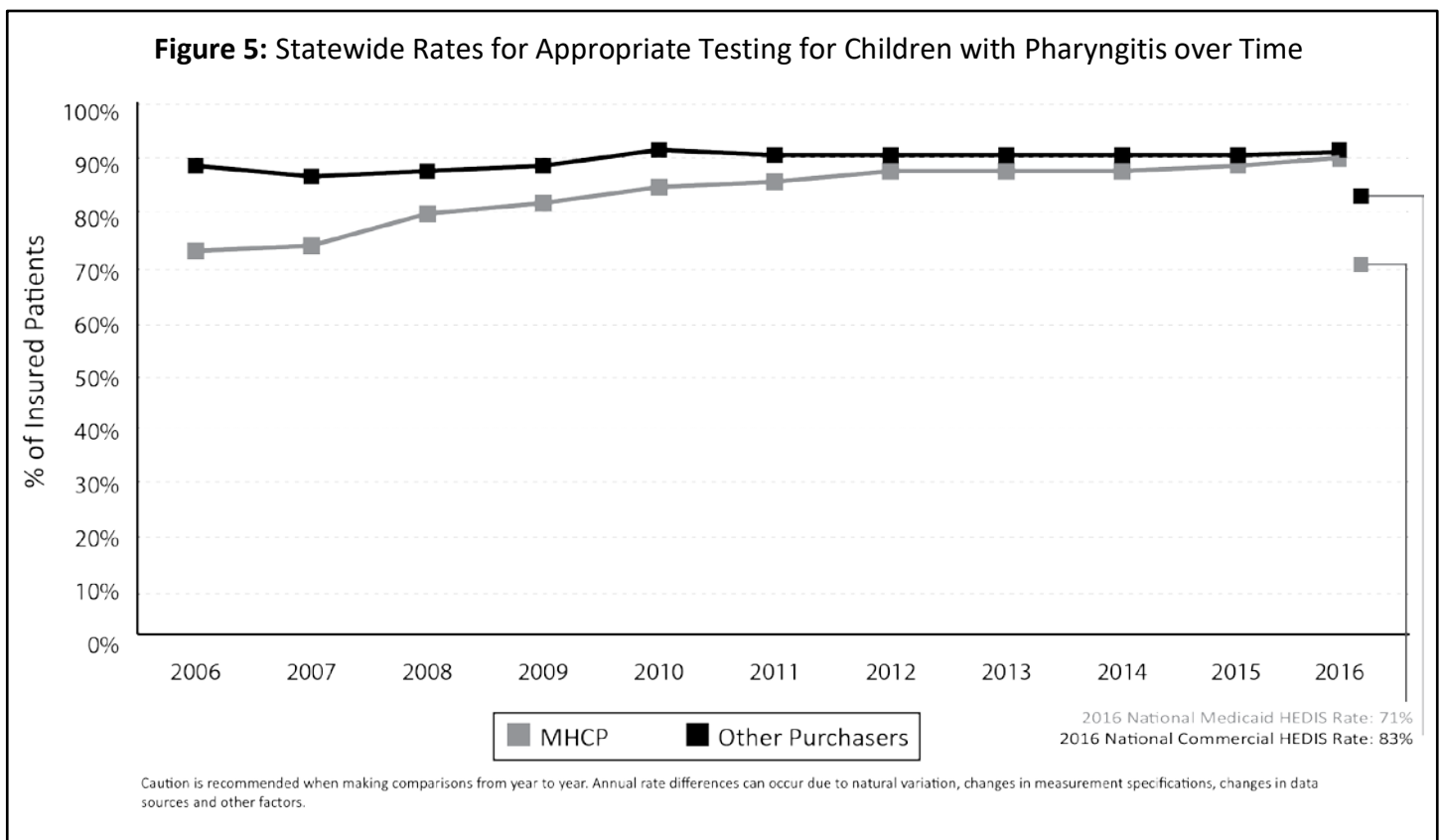
\*\*\*Denotes a statistically significant difference.

The gap between purchasers has remained consistent for all six years that the data have been reported for this measure. Since 2011, the gap has narrowed slightly, but the decrease has not been statistically significant. This measure has the largest purchaser gap of all 12 measures included in this report.

## 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 almost two percentage points between 2015 and 2016 at approximately 90 percent and this was statistically significant. From 2006 to 2016, the rate increased significantly by 18 percentage points. The largest improvement was seen from 2007 to 2008 (a six percentage point increase). See **Figure 5** for MHCP and Other Purchasers rates over time for this measure.



**Figure 5** also displays the 2016 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 90 percent; the rate for Other Purchasers was 91 percent. The MHCP rate did increase by almost two percentage points from 2015 to 2016. The Other Purchasers statewide rate increased one percentage point from 2015. **Table 10** displays statewide rates for each purchaser since measure implementation.

**Table 10: 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)
2016	89.6%	89.1% - 90.1%	15,008	91.3%	1.7%**
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.

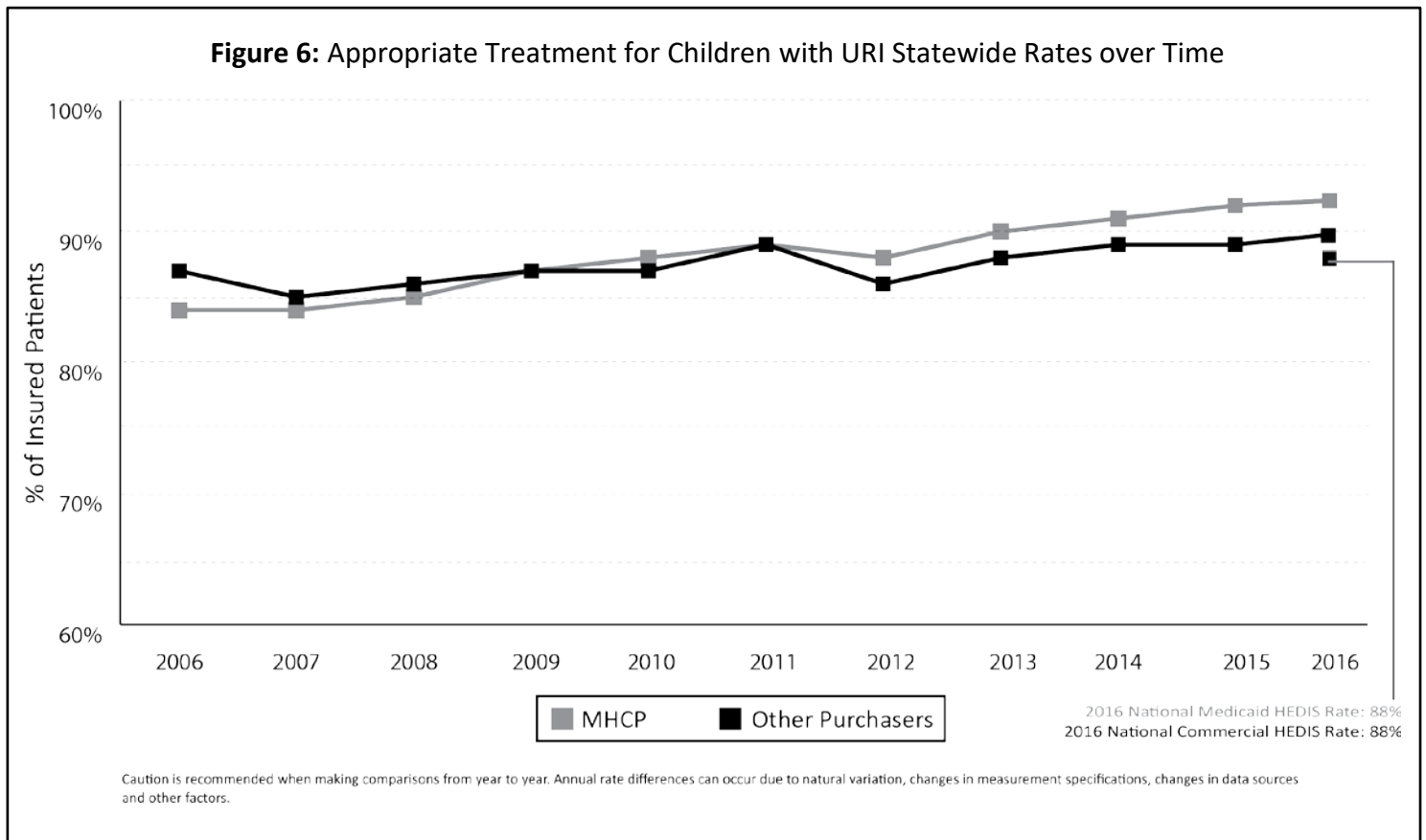
The difference between purchasers for this measure has narrowed significantly since 2006. While every year has displayed a statistically significant gap between purchasers, the largest narrowing came between 2007 and 2008 when the gap was reduced by five percentage points. The difference between purchasers has remained fairly steady at three percentage points since 2012, with the difference decreasing to less than two percentage points in 2016.



## 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 2016, 93 percent of MHCP children with URI received appropriate treatment. This rate increased by one percentage point from 2015, and that increase was statistically significant. Since measure implementation, this rate for MHCP children has increased by approximately seven percentage points, which is also statistically significant. See **Figure 6** for statewide rates for MHCP and Other Purchasers over time for this measure.



**Figure 6** also displays the 2016 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 93 percent; the rate for Other Purchasers was 90 percent. **Table 11** displays statewide rates for each purchaser since measure implementation.

**Table 11: 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)**
2016	93.2%	92.9% - 93.5%	24,010	89.6%	-3.4%**
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 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 2015 to 2016

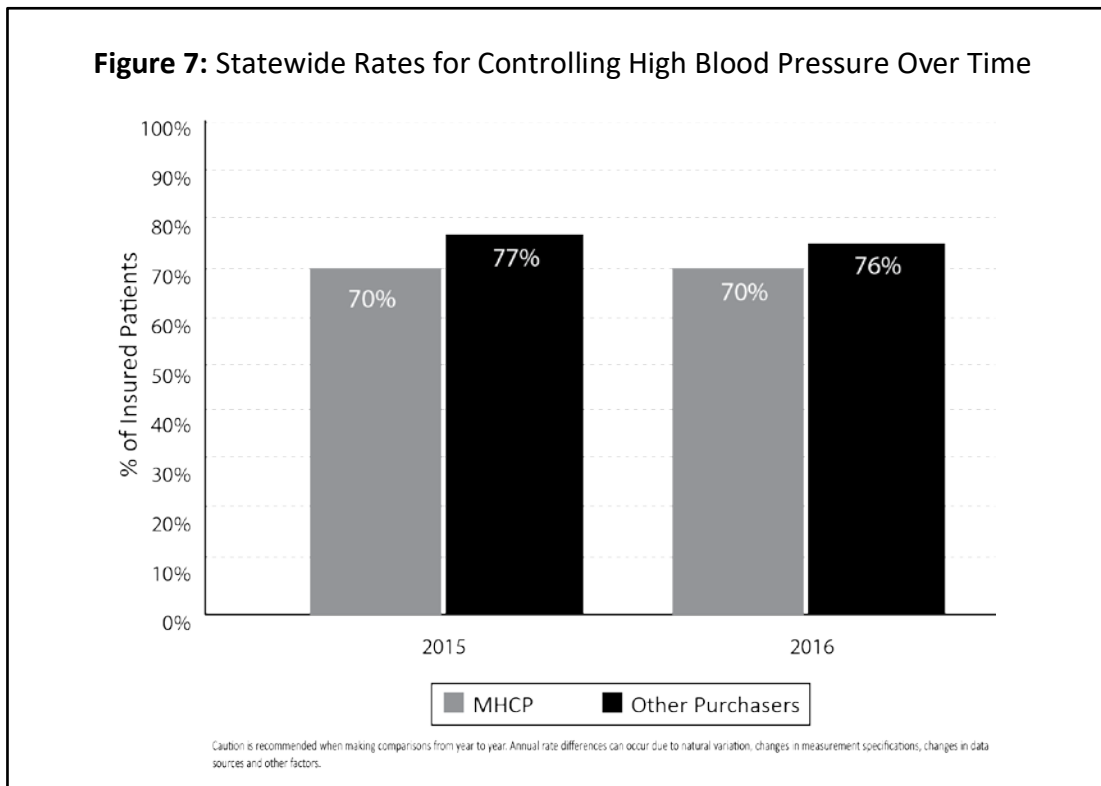
### Controlling High Blood Pressure

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).

The following are the criteria for being 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.

From 2015 to 2016, the percentage of MHCP adult patients whose blood pressure was under control increased slightly, but this was not statistically significant. In 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 7** below for Controlling High Blood Pressure for MHCP and Other Purchasers over time.



For Controlling High Blood Pressure in 2016, 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 76 percent. See **Table 12** displays statewide rates for each purchaser since measure implementation.

**Table 12:** Statewide Rates for Controlling High Blood Pressure

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2016	70.1%	69.3% - 71.0%	11,415	76.1%	5.92%**
2015	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.

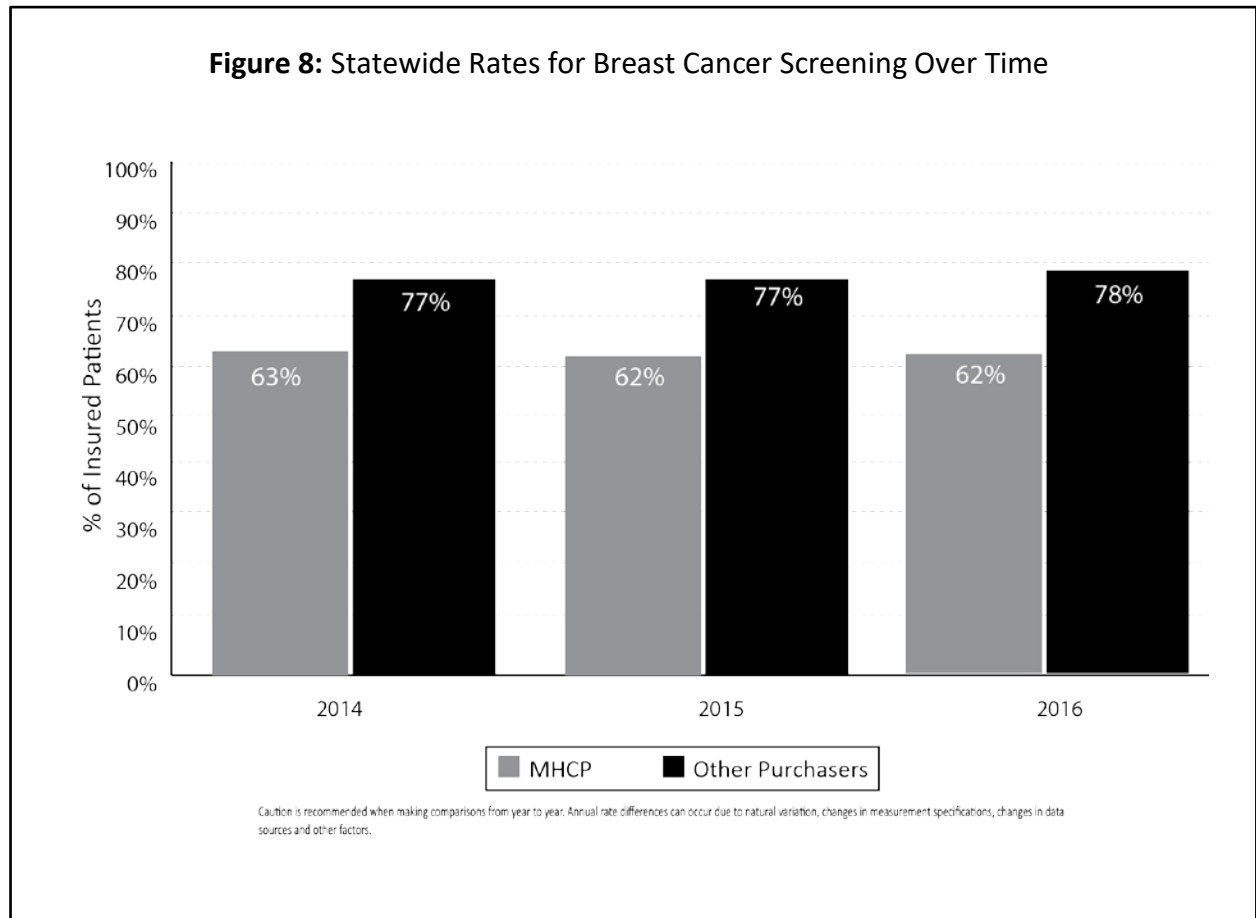
\*\* Denotes a statistically significant difference.

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## 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 2016, the percentage of MHCP patients who received a mammogram decreased by almost one percentage point, but this was not statistically significant. In 2016, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 8** 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 78 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)
2016	61.8%	61.2% - 62.4%	24,511	77.9%	16.1%**
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 almost one percentage point from 2015 to 2016, but this was not statistically significant.

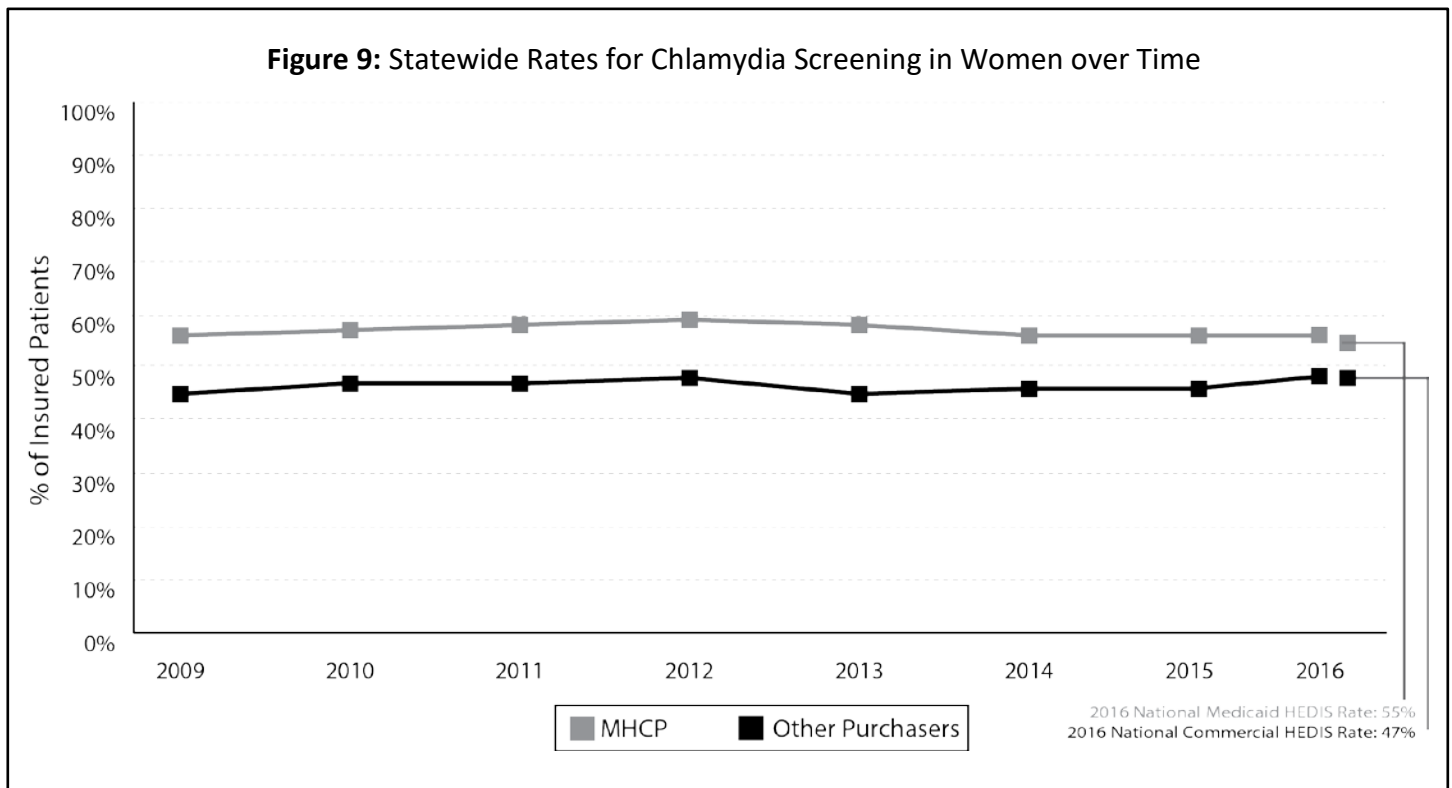


## Small Decrease in MHCP Rate from 2015 to 2016

### 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 2016, 56 percent of MHCP patients received appropriate chlamydia screening, and this was the same as in 2014 and 2015. A small increasing trend can be seen in the MHCP rate since 2009, but the trend is not statistically significant. See **Figure 9** for appropriate screening rates for MHCP and Other Purchasers over time.



**Figure 9** also includes the 2016 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP rate is above the 2016 National HEDIS benchmark (55 percent). The statewide Other Purchasers rate is above the 2016 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. The MHCP rate has remained constant since 2014 but the Other Purchaser rate did increase from 2015 to 2016. The MHCP statewide rate for chlamydia screening was 56 percent; the rate for Other Purchasers was 49 percent. **Table 14** displays statewide rates for each purchaser since measure implementation.

**Table 14: Statewide Rates for Chlamydia Screening in Women**

Year	MHCP Rate	MHCP CI (U/L)*	Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2016	56.0%	55.4% - 56.6%	23,871	48.6%	-7.43%**
2015	56.0%	55.3% - 56.7%	20,199	46.5%	-9.56%**
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.

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## Medical Group/Clinic Level Performance Results

### Optimal Diabetes Care by Clinic

For the 2016 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 32,692 of the 37,103 MHCP patients (88 percent) who were eligible for this measure statewide, and the 315 reportable clinics accounted for 48 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, **Park Nicollet Clinic - Prairie Center**, achieved optimal care with 62 percent of their MHCP patients; while the least successful, **Open Cities Health (Dunlap) - Family Medicine**, achieved it with less than a 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 2016

Fifty-three clinics had rates and confidence intervals that were greater than the statewide clinic average (34 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.

- |   |   |
|---|---|
| ○ Park Nicollet Clinic - Prairie Center                   | ○ Multicare Associates - Roseville Medical Center         |
| ○ HealthPartners - Arden Hills                            | ○ Fairview Crosstown Clinic                               |
| ○ Allina Health - Chanhassen (Quello)                     | ○ Park Nicollet Clinic - Burnsville                       |
| ○ Park Nicollet Clinic - Wayzata                          | ○ Park Nicollet Clinic - St. Louis Park Family Medicine   |
| ○ Allina Health - Eagan                                   | ○ Allina Health - West St. Paul                           |
| ○ HealthPartners - Center for International Health        | ○ Mayo Clinic Health System St. Peter                     |
| ○ HealthPartners - Riverside                              | ○ EH Central Baxter Clinic                                |
| ○ CentraCare River Campus-Internal Medicine               | ○ Fairview Hiawatha Clinic                                |
| ○ Fairview EdenCenter Clinic                              | ○ Allina Health - Centennial Lakes (Quello)               |
| ○ CentraCare Clinic - Northway                            | ○ Entira Family Clinics - East Side                       |
| ○ North Memorial Clinic - Maple Grove                     | ○ Park Nicollet Clinic - Eagan                            |
| ○ Allina Health - Chaska                                  | ○ Park Nicollet Clinic - St. Louis Park Internal Medicine |
| ○ Allina Health - Shoreview                               | ○ Apple Valley Medical Clinic - Family Practice           |
| ○ Entira Family Clinics - Woodbury                        | ○ HealthPartners - Coon Rapids                            |
| ○ Park Nicollet Clinic - Golden Valley                    | ○ Affiliated Community Medical Centers- Marshall Clinic   |
| ○ Fairview Eagan Clinic                                   | ○ Allina Health - Edina                                   |
| ○ Park Nicollet Clinic - Bloomington                      | ○ Allina Health - Maplewood (Aspen)                       |
| ○ Allina Health - Ramsey                                  | ○ St. Cloud Medical Group - South -IHN                    |
| ○ Allina Health - Plymouth                                | ○ Allina Health - Richfield                               |
| ○ Park Nicollet Clinic - Shakopee                         | ○ HealthPartners - Woodbury                               |
| ○ Park Nicollet Clinic - Brookdale                        | ○ Allina Health - Coon Rapids                             |
| ○ North Memorial Clinic - Golden Valley Physicians        | ○ Allina Health - Northfield                              |
| ○ Fairview Brooklyn Park Clinic                           | ○ Fairview Oxboro Clinic                                  |
| ○ HealthPartners - Brooklyn Center                        | ○ Mayo Clinic Health System Red Wing                      |
| ○ Park Nicollet Clinic and Specialty Center - Maple Grove | ○ HealthPartners - Midway                                 |
| ○ HealthPartners - Bloomington                            | ○ Mayo Clinic Health System Owatonna                      |
| ○ Fairview Blaine Clinic                                  |   |

## Medical Group/Clinic Level Performance Results

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

#### **Largest Improvement from 2015 to 2016**

The measure specification was revised this year to include the statin use component in 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 2016 report year, 74 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 74 medical groups accounted for 35,720 of the 37,103 MHCP patients (96 percent) who were eligible for this measure statewide, and the 74 reportable medical groups accounted for 64 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, **Ortonville Area Health Services-Northside Medical Clinic**, achieved optimal care with 48 percent of their MHCP patients, while the least successful, **Open Cities Health Center**, achieved it with less than a 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 2016

Eight medical groups had rates and confidence intervals greater than the statewide average (34 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Apple Valley Medical Clinic
- Park Nicollet Health Services
- Entira Family Clinics
- HealthPartners Clinics
- Allina Health Clinics
- Fairview Health Services
- North Memorial
- Mayo Clinic Health System

#### Largest Improvement from 2015 to 2016

The measure specification was revised this year to include the statin use component in the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2014 to 2016)

The measure specification was revised this year to include the statin use component in 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 2016 report year, 107 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 107 clinics accounted for 6,728 of the 11,382 MHCP patients (59 percent) who were eligible for this measure statewide, and the 107 reportable clinics accounted for 18 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, **Park Nicollet Clinic - Shakopee**, achieved optimal care with 76 percent of their MHCP patients; while the least successful, **Open Cities Health (Dunlap) - Family Medicine**, achieved it with five 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 2016

Twelve clinics had rates and confidence intervals greater than the statewide clinic average (52 percent) for MHCP patients. These clinics are listed below in order from highest to lowest performance.

- Park Nicollet Clinic - Shakopee
- Fairview Oxboro Clinic
- University of Minnesota Heart Care at Fairview Ridges Special Care Center
- Fairview Crosstown Clinic
- University of Minnesota Heart Care at Fairview Southdale Hospital
- Allina Health - Buffalo
- Allina Health - Plymouth
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Allina Health Specialties - Minneapolis Heart Institute ANW
- University of Minnesota Heart Care at University of Minnesota Medical Center
- Allina Health Specialties - United Heart and Vascular Clinic
- Allina Health Specialties - Metropolitan Heart & Vascular Inst. Coon Rapids

#### Largest Improvement from 2015 to 2016

The measure specification was revised this year to include the statin use component in 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 2016 report year, 42 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 42 medical groups accounted for 10,268 of the 11,382 MHCP patients (90 percent) who were eligible for this measure statewide, and the 44 reportable medical groups accounted for 40 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 most successful medical group for this measure, **Park Nicollet Health Services**, achieved optimal care with 66 percent of their MHCP patients; while, the least successful, **Open Cities Health Center**, achieved it with only five 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 2016

Five medical groups had rates and confidence intervals greater than the statewide medical group average (52 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest performance.

- Park Nicollet Health Services
- University of Minnesota Physicians
- Allina Health Specialties
- Fairview Health Services
- Allina Health Clinics

#### Largest Improvement from 2015 to 2016

The measure specification was revised this year to include the statin use component in the measure calculation. Due to this change, no trend data is available for this measure this year.

#### Medical Group Performance over Time (2014 to 2016)

The measure specification was revised this year to include the statin use component in the measure calculation. Due to this change, no trend data is available for this measure this year.



## Medical Group/Clinic Level Performance Results

### Depression Remission at Six Months by Clinic

For the 2016 report year, 240 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 240 clinics accounted for 17,456 of the 21,766 MHCP patients (80 percent) who were eligible for this measure statewide, and the 240 reportable clinics accounted for 39 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 31 percent of their MHCP patients. Forty-two 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 2016

Twenty-five clinics had rates and confidence intervals greater than the statewide average (five 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               | ○ Allina Health - West St. Paul                          |
| ○ Park Nicollet Clinic - Carlson                      | ○ Allina Health - Elk River                              |
| ○ Park Nicollet Clinic - Bloomington                  | ○ Allina Health - Buffalo                                |
| ○ Park Nicollet Clinic - Minneapolis                  | ○ Allina Health - Burnsville (Quello)                    |
| ○ HealthPartners - Arden Hills                        | ○ Allina Health - Shoreview                              |
| ○ HealthPartners - Maplewood                          | ○ Mankato Clinic - North Mankato                         |
| ○ HealthPartners - Regions BH Maplewood               | ○ EH East Superior Clinic                                |
| ○ Park Nicollet Clinic - Eagan                        | ○ Allina Health - Cambridge                              |
| ○ Entira Family Clinics - White Bear Lake/Banning Ave | ○ Stillwater Medical Group - Curve Crest Clinic          |
| ○ Allina Health - Farmington                          | ○ Mankato Clinic - Department of Psychiatry & Psychology |
| ○ Fairview Andover Clinic                             | ○ Allina Health - First Street                           |
| ○ HealthPartners - Riverside Behavioral Health        | ○ Park Nicollet Clinic - St. Louis Park Psychiatry       |
| ○ EH West Detroit Lakes Clinic                        |  |

#### Largest Improvement from 2015 to 2016

The measure specification was revised this year to re-indexing criteria to require both an elevated PHQ-9 score and Depression or Dysthymia diagnosis code. 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 2016 report year, 134 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 134 clinics accounted for 11,448 of the 15,438 MHCP patients (74 percent) who were eligible for this measure statewide, and the 134 reportable clinics accounted for 21 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, **Park Nicollet Clinic – Bloomington**, achieved optimal care with 88 percent of their MHCP patients ages 5-17. The least successful clinic was **Altru Health System – Main** achieved it with none 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 2016

Fifty-two clinics had rates and confidence intervals that were greater than the statewide clinic average (58 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.

- |   |   |
|---|---|
| ○ Park Nicollet Clinic - Bloomington                      | ○ HealthPartners - Anoka  |
| ○ South Lake Pediatrics – Children’s West                 | ○ Metropolitan Pediatric Specialists - Shakopee                             |
| ○ Advancements in Allergy and Asthma Care, Ltd.           | ○ HealthPartners - Maplewood  |
| ○ Allina Health - Bloomington (Aspen)                     | ○ Metropolitan Pediatric Specialists - Edina                                |
| ○ CentraCare Health Plaza- Pediatrics                     | ○ Fairview Lakes Medical Center   |
| ○ Mankato Clinic - Daniel's Health Center                 | ○ Allina Health Specialties - New Ulm Medical Center                        |
| ○ Allina Health - Ramsey                                  | ○ Mayo Clinic Health System Austin  |
| ○ Central Pediatrics St. Paul                             | ○ Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic              |
| ○ HealthPartners - Woodbury                               | ○ Children's Respiratory & Critical Care Specialists - St Paul              |
| ○ Allina Health - West St. Paul                           | ○ Olmsted Medical Center - Rochester Southeast                              |
| ○ Mayo Clinic Health System Faribault Hwy 60              | ○ Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic |
| ○ Central Pediatrics Woodbury                             | ○ HealthPartners - Brooklyn Center  |
| ○ Fairview Elk River Clinic                               | ○ Affiliated Community Medical Centers - Willmar Clinic                     |
| ○ Children's Specialty Clinic - Minneapolis               | ○ HealthPartners Central Minnesota Clinics                                  |
| ○ Park Nicollet Clinic - Shakopee                         | ○ EH East Duluth Clinic 1st St  |
| ○ South Lake Pediatrics - Eden Prairie                    | ○ HealthPartners - Riverside  |
| ○ HealthPartners - Coon Rapids                            | ○ Children's Respiratory & Critical Care Specialists - Minneapolis          |
| ○ Park Nicollet Clinic - St. Louis Park 3850 Bldg.        | ○ Children's Specialty Clinic - St. Paul                                    |
| ○ HealthPartners - White Bear Lake                        | ○ Allina Health - Coon Rapids   |
| ○ Mayo Clinic Health System Albert Lea                    |   |
| ○ Fairview Oxboro Clinic                                  |   |
| ○ Park Nicollet Clinic and Specialty Center - Maple Grove |   |
| ○ Fairview Children's Clinic                              |   |

#### Largest Improvement from 2015 to 2016

The largest clinic improvement since report year 2015 in Optimal Asthma Control – Children Ages 5-17 was made by **Community-University Health Care Center**, which achieved a 37 percentage point increase for their MHCP patients.

## Medical Group/Clinic Level Performance Results

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

For the 2016 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 14,596 of the 15,438 MHCP patients (95 percent) who were eligible for this measure statewide, and the 50 reportable medical groups accounted for 42 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, **Wayzata Children's Clinic**, achieved optimal care with 87 percent of their MHCP patients ages 5-17. There were three medical groups (**North Clinic**, **Altru Health System**, and **Riverwood Healthcare 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 2016

Seventeen medical groups had rates and confidence intervals greater than the statewide medical group average (58 percent) for MHCP patients ages 5-17. These medical groups are listed below in order of highest to lowest performance.

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

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Optimal Asthma Control – Children Ages 5-17 was made by **Community University Health Care Center**, which achieved a 37 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014-2016)

The measure specification was revised in 2014 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 2016 report year, 180 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 180 clinics accounted for 11,155 of the 16,009 MHCP patients (70 percent) who were eligible for this measure statewide, and the 180 reportable clinics accounted for 26 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 Health Plaza- Pediatrics**, achieved optimal care with 85 percent of their MHCP patients ages 18-50. There were seven clinics (**North Clinic - Oakdale Office in Robbinsdale, North Clinic - Maple Grove Office, Ridgeview Delano Clinic, Ridgeview Westonka Clinic, Hennepin County Medical Center (HCMC) Clinics - Positive Care Clinic, Hutchinson Health - Hutchinson Clinic and Bluestone Physician Services**) that tied for having no MHCP patients age 18-50 achieved optimal asthma control. A detailed table of clinic level performance rates can be found in Appendix 3.

#### Clinics with Above Average MHCP Rates in Report Year 2016

Sixty-four clinics had rates and confidence intervals that were greater than the statewide average (45 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 Health Plaza- Pediatrics                     | ○ Park Internal Medicine  | ○ Allina Health - Cottage Grove                           |
| ○ Allina Health - Ramsey                                  | ○ Allina Health - First Street  | ○ Allina Health - Forest Lake                             |
| ○ Fairview Hiawatha Clinic                                | ○ Allina Health - Brooklyn Park   | ○ Mankato Clinic - North Mankato                          |
| ○ CentraCare Clinic - Northway                            | ○ HealthPartners - Brooklyn Center  | ○ Tri-County Health Care - Wadena Clinic                  |
| ○ Allina Health - Buffalo                                 | ○ Park Nicollet Clinic - Eagan  | ○ EH East West Duluth Clinic                              |
| ○ Park Nicollet Clinic - Shakopee                         | ○ HealthPartners Central Minnesota Clinics                                  | ○ Mayo Clinic Health System Red Wing                      |
| ○ Fairview Lakes Medical Center                           | ○ Affiliated Community Medical Centers - Willmar Clinic                     | ○ HealthPartners - West                                   |
| ○ Fairview North Branch Clinic                            | ○ Fairview Elk River Clinic   | ○ Allina Health - Coon Rapids                             |
| ○ Allina Health - Woodbury                                | ○ Allina Health - Richfield   | ○ Mankato Clinic - Main Street                            |
| ○ Allina Health - Cambridge                               | ○ Allina Health - Faribault   | ○ Mayo Clinic Health System Mankato Northridge            |
| ○ Stillwater Medical Group - Curve Crest Clinic           | ○ Fairview New Brighton Clinic  | ○ HealthPartners - Riverside                              |
| ○ Mankato Clinic - Wickersham Campus                      | ○ Allina Health - Northfield  | ○ HealthPartners - Anoka                                  |
| ○ Allina Health - Eagan                                   | ○ Allina Health - West St. Paul   | ○ EH West Park Rapids Clinic                              |
| ○ Fairview EdenCenter Clinic                              | ○ HealthPartners - Nokomis  | ○ Allina Health - Bandana Square (Aspen)                  |
| ○ Allina Health Specialties - New Ulm Medical Center      | ○ Fairview Fridley Clinic   | ○ EH East Superior Clinic                                 |
| ○ HealthPartners - Coon Rapids                            | ○ Fairview Princeton Clinic   | ○ Park Nicollet Clinic and Specialty Center - Maple Grove |
| ○ HealthPartners - Roseville                              | ○ HealthPartners - Maplewood  | ○ Olmsted Medical Center - Rochester Southeast            |
| ○ Allergy & Asthma Specialists, PA - Plymouth West Health | ○ EH Central Baxter Clinic  | ○ Allina Health - Maplewood (Aspen)                       |
| ○ HealthPartners - Woodbury                               | ○ EH East Hermantown Clinic   | ○ Park Nicollet Clinic - Burnsville                       |
| ○ Allina Health - Nicollet Mall                           | ○ Fairview Uptown Clinic  | ○ Park Nicollet Clinic - St. Louis Park Family Medicine   |
| ○ EH East Virginia Clinic                                 | ○ Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic |   |
| ○ Fairview Zimmerman Clinic                               | ○ CentraCare Health Plaza-Family Medicine                                   |   |
| ○ Park Nicollet Clinic - St. Louis                        |   |   |

## Medical Group/Clinic Level Performance Results

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

#### **Largest Improvement from 2015 to 2016**

The largest clinic improvement since report year 2015 in Optimal Asthma Control – Adults Ages 18-50 was made by **Fairview Bloomington Lake Minneapolis**, which achieved a 30 percentage point increase for their MHCP patients.

## Medical Group/Clinic Level Performance Results

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

For the 2016 report year, 57 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 57 medical groups accounted for 15,130 of the 16,009 MHCP patients (95 percent) who were eligible for this measure statewide, and the 57 reportable medical groups accounted for 44 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, **Children's Respiratory & Critical Care Specialists**, achieved optimal asthma control with 71 percent of their MHCP patients ages 18-50. There were six 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 2016

Fifteen medical groups had rates and confidence intervals greater than the statewide average (45 percent) for MHCP patients ages 18-50. These medical groups are listed below in order of highest to lowest performance.

- Children's Respiratory & Critical Care Specialists
- Stillwater Medical Group
- HealthPartners Central Minnesota Clinics
- CentraCare Health
- Mankato Clinic, Ltd.
- Allina Health Clinics
- Fairview Health Services
- Olmsted Medical Center
- HealthPartners Clinics
- Allergy & Asthma Specialists, PA
- Allina Health Specialties
- Park Nicollet Health Services
- Essentia Health
- Mayo Clinic Health System
- Affiliated Community Medical Centers

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Optimal Asthma Control – Adults Ages 18-50 was made by **Tri-County Health Care**, which achieved a 50 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

The measure specification was revised this in 2014 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

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

For the 2016 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 2,877 of the 3,810 MHCP patients (76 percent) who were eligible for this measure statewide, and the 32 reportable medical groups accounted for 28 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, **Mankato Clinic, Ltd.**, achieved best practice with 92 percent of their MHCP patients; while the least successful, **Grand Itasca Clinic**, achieved it with 44 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 2016

Seven 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.

- Mankato Clinic, Ltd.
- Affiliated Community Medical Centers
- Mayo Clinic Health System - Albert Lea and Austin
- Sanford Health - Sioux Falls Region
- Mayo Clinic Health System-Owatonna
- Essentia Health
- HealthPartners Clinics

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Childhood Immunization Status (Combo 3) was made by **West Side Community Health Services**, which achieved a 23 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

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

Please see the next page.



# Medical Group/Clinic Level Performance Results

## Colorectal Cancer Screening by Clinic

For the 2016 report year, 501 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 501 clinics accounted for 105,555 of the 107,976 MHCP patients (98 percent) who were eligible for this measure statewide, and the 501 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, **Obstetrics, Gynecology and Infertility - Maple Grove**, achieved best practices with 92 percent of their MHCP patients; while the least successful, **Bluestone Physician Services** achieved it with only six percent of their MHCP patients. A detailed table of clinic level performance rates can be found in Appendix 3.

### Clinics with Above Average MHCP Rates in Report Year 2016

One hundred forty seven clinics had rates and confidence intervals greater than the statewide average (56 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.

- |  |   |   |
|--|---|---|
| ○ Obstetrics, Gynecology and Infertility - Maple Grove   | ○ Allina Health - Shoreview   | ○ Allina Health - Edina                                   |
| ○ Obstetrics, Gynecology and Infertility - Edina         | ○ Mayo Clinic Health System Waseca  | ○ EH East Lakewalk Clinic                                 |
| ○ Southdale Obstetrics and Gynecology Consultants- Edina | ○ Fairview Brooklyn Park Clinic   | ○ EH East Grand Rapids Clinic                             |
| ○ Allina Health - Chanhasen (Quello)                     | ○ CentraCare Clinic - St. Joseph  | ○ Allina Health - United Medical Specialties              |
| ○ Gundersen Health System - La Crescent Clinic           | ○ Allina Health - Forest Lake   | ○ CentraCare Health Plaza-Obstetrics and Women's Clinic   |
| ○ Allina Health - Sharpe Dillon Cockson & Associates PA  | ○ Fairview Farmington Clinic  | ○ Lakewood Health System - Motley Clinic                  |
| ○ Allina Health - St. Francis Health Services - Jordan   | ○ Allina Health - Eagan   | ○ HealthPartners - Hlth Ctr for Women                     |
| ○ Sanford Bemidji Main Clinic - Internal Medicine        | ○ Diamond Women's Center  | ○ Allina Health - Cambridge                               |
| ○ Fairview Crosstown Clinic                              | ○ Fairview Uptown Clinic  | ○ Allina Health - Richfield                               |
| ○ Fairview Lakeville Clinic                              | ○ Allina Health - Cokato  | ○ HealthPartners - White Bear Lake                        |
| ○ Partners Obstetrics & Gynecology, PA                   | ○ CentraCare Health- Sauk Centre  | ○ St. Cloud Medical Group - Clearwater - IHN              |
| ○ Edina Sports Health & Wellness                         | ○ Allina Health - Plymouth  | ○ Allina Health - Isles                                   |
| ○ Allina Health - Buffalo                                | ○ Sanford Blackduck Clinic  | ○ HealthPartners - Brooklyn Center                        |
| ○ CentraCare Health Plaza-Internal Medicine              | ○ Mayo Clinic Health System Adams   | ○ Mayo Clinic Health System Mankato Specialty Clinic      |
| ○ Fairview Savage Clinic                                 | ○ Allina Health - Ramsey  | ○ Mayo Clinic Health System Mankato Eastridge             |
| ○ Mayo Clinic Health System Springfield                  | ○ Fairview Hiawatha Clinic  | ○ Allina Health - Burnsville (Quello)                     |
| ○ Mayo Clinic Health System Belle Plaine                 | ○ Allina Health - Blaine  | ○ Mayo Clinic Health System New Prague                    |
| ○ Allina Health - Centennial Lakes (Quello)              | ○ Allina Health - Inver Grove Heights (Aspen)   | ○ Mayo Clinic Health System Fairmont                      |
| ○ Allina Health - Farmington                             | ○ Allina Health Specialties - Abbott Northwestern General Medicine Associates - Edina | ○ HealthPartners - West                                   |
| ○ HealthPartners - Ctr for Internatl Hlth                | ○ Fairview Columbia Heights Clinic  | ○ Park Nicollet Clinic - St. Louis Park Internal Medicine |
| ○ Burnsville Family Physicians                           | ○ Mayo Clinic Health System Faribault Hwy 60  | ○ HealthPartners - Roseville                              |
| ○ Fairview Rogers Clinic                                 | ○ Fairview Fridley Clinic   | ○ Fairview Princeton Clinic                               |
| ○ Mayo Clinic - Baldwin Building, Family Medicine        | ○ Fairview Elk River Clinic   | ○ Park Nicollet Clinic - Eagan                            |
| ○ CentraCare River Campus-Internal Medicine              | ○ Allina Health - Uptown  | ○ Allina Health - First Street                            |
| ○ Fairview Zimmerman Clinic                              | ○ HealthPartners - University Ave   | ○ Allina Health - Nicollet Mall                           |
| ○ Mayo Clinic Health System Le Sueur                     | ○ Fairview Apple Valley Clinic  | ○ Fairview Oxboro Clinic                                  |
|  | ○ Fairview Eagan Clinic   | ○ Allina Health - Champlin                                |
|  | ○ Fairview Andover Clinic   | ○ HealthPartners - Arden Hills                            |
|  | ○ Allina Health - Brooklyn Park   | ○ Fairview Milaca Clinic                                  |
|  | ○ Sanford Moorhead Clinic - Internal Medicine   | ○ Allina Health - St. Michael                             |
|  | ○ EH Central Crosslake Clinic   | ○ Fairview Rosemount Clinic                               |
|  | ○ Fairview Bass Lake Clinic   | ○ HealthPartners - Maplewood                              |
|  | ○ Mayo Clinic Health System Mankato Northridge  | ○ Fairview New Brighton Clinic                            |
|  | ○ EH East Duluth Clinic 1st St  |   |
|  | ○ Allina Health - Shakopee  |   |

## Medical Group/Clinic Level Performance Results

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

- University of Minnesota Health - Fairview Maple Grove Medical Center
- Fairview Chisago Lakes Clinic
- Mayo Clinic - Speciality Practice
- CentraCare Clinic - Northway
- EH Central Brainerd Clinic
- Allina Health - Bandana Square (Aspen)
- Allina Health - Northfield
- EH West Detroit Lakes Clinic
- CentraCare Health- Long Prairie
- Perham Health Clinic
- Fairview Bloomington Lake Xerxes
- Fairview Highland Park Clinic
- Mayo Clinic Health System Owatonna
- Allina Health - Coon Rapids
- Park Nicollet Clinic - Golden Valley
- Sanford Fargo Southpointe Clinic - Internal Medicine
- Allina Health - Maple Grove
- Allina Health - Chaska
- Sanford Health Detroit Lakes Clinic
- Mankato Clinic - North Mankato
- Fairview Burnsville Clinic
- Entira Family Clinics - Inver Grove Heights
- Mayo Clinic Health System St. Peter
- Allina Health - Maplewood (Aspen)
- Allina Health - West St. Paul
- Park Nicollet Clinic - Prairie Center
- Mayo Clinic Health System Red Wing
- HealthPartners - Bloomington
- Gateway Family Health Clinic - Moose Lake
- University of Minnesota Health - Primary Care Center
- Mayo Clinic - Baldwin Building, Primary Care Internal Medicine
- EH Central Baxter Clinic
- Allina Health - Fridley
- Allina Health - Woodbury
- Sanford Health Alexandria Broadway Clinic
- HealthPartners - Woodbury
- EH East Virginia Clinic
- Fairview Lakes Medical Center
- Affiliated Community Medical Centers - Willmar Clinic
- HealthPartners - Como
- Mankato Clinic - Main Street
- Allina Health - Bloomington (Aspen)
- Sanford Bemidji Main Clinic - Family Medicine
- EH East West Duluth Clinic
- HealthPartners - Coon Rapids
- Alexandria Clinic, A Service of Douglas County Hospital
- Fairview EdenCenter Clinic
- Allina Health - Cottage Grove
- St. Cloud Medical Group - NW- IHN
- Affiliated Community Medical Centers- Marshall Clinic
- Mayo Clinic Health System Austin
- Stillwater Medical Group - Curve Crest Clinic
- Mayo Clinic Health System Albert Lea

#### Largest Improvement from 2015 to 2016

The largest clinical improvement since report year 2015 in Colorectal Cancer Screening was made by **West Side Community Health Services - McDonough Homes Clinic**, which achieved a 22 percentage point increase for their MHCP patients.

## Medical Group/Clinic Level Performance Results

### Colorectal Cancer Screening by Medical Group

For the 2016 report year, 101 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 101 medical groups accounted for 107,704 of the 107,976 MHCP patients (99 percent) who are eligible for this measure statewide, and the 101 reportable medical groups accounted for 82 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 85 percent of their MHCP patients; while the least successful medical group, **Bluestone Physician Services**, achieved best practice with only six 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 2016

Eighteen medical groups had rates and confidence intervals greater than the statewide average (56 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
- Stevens Community Medical Center
- Obstetrics and Gynecology Associates
- Partners Ob/Gyn
- Edina Sports Health & Wellness
- Burnsville Family Physicians
- Fairview Health Services
- Allina Health Clinics
- Mayo Clinic
- Mayo Clinic Health System
- HealthPartners Clinics
- Alexandria Clinic
- Mankato Clinic, Ltd.
- CentraCare Health
- Allina Health Specialties
- Essentia Health
- Gateway Family Health Clinic
- Sanford Health - Fargo Region

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Colorectal Cancer Screening was made by **RiverView Health**, which achieved a 20 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014-2016)

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

## Medical Group/Clinic Level Performance Results

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

For the 2016 report year, 72 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 72 medical groups accounted for 13,424 of the 15,008 MHCP patients (89 percent) who were eligible for this measure statewide, and the 72 reportable medical groups accounted for 49 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Six medical groups achieved best practice with 100 percent of their MHCP patients: **Central Pediatrics, South Lake Pediatrics, Wayzata Children's Clinic, All About Children Pediatrics - Children's Health Network, Minute Clinic** and **Priority Pediatrics Urgent Care**. 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 2016

Twenty medical groups had rates and confidence intervals greater than the statewide medical group average (90 percent) for MHCP patients. These medical groups are listed below in order from high to low performance.

- Central Pediatrics
- South Lake Pediatrics
- Wayzata Children's Clinic
- All About Children Pediatrics - Children's Health Network
- MinuteClinic
- Priority Pediatrics Urgent Care
- Pediatric and Adolescent Services
- Pediatric & Young Adult Medicine
- Express Healthcare
- HealthPartners Clinics
- Fridley Children's & Teenagers' Medical Center - Children's Physician
- Target Clinic
- Children's Health Care
- Children's Clinic Network
- Park Nicollet Health Services
- Apple Valley Medical Clinic
- Winona Health Services
- Fairview Medical Group
- Mankato Clinic, Ltd.
- Allina Health Specialties

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Appropriate Testing for Children with Pharyngitis was made by **Altru Health System**, which achieved a 30 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

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 2016 report year, 90 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 90 medical groups accounted for 21,946 of the 24,010 MHCP patients (91 percent) who are eligible for this measure statewide, and the 90 reportable medical groups accounted for 60 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Three medical groups achieved optimal care with 100 percent of their MHCP patients: **Gateway Family Health Clinic**, **South Lake Pediatrics** and **Community University Health Care Center**. The least successful medical group, **Alexandria Clinic**, achieved best practice with 68 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 2016

Twenty-two medical groups had rates and confidence intervals greater than the statewide medical group average (93 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.

- |   |                                 |
|---|---------------------------------|
| ○ Gateway Family Health Clinic                        | ○ MinuteClinic                  |
| ○ South Lake Pediatrics                               | ○ HealthEast Clinics            |
| ○ Community University Health Care Center             | ○ HealthPartners Clinics        |
| ○ West Side Community Health Services                 | ○ Children's Clinic Network     |
| ○ FirstLight Health System                            | ○ Winona Health Services        |
| ○ United Family Medicine                              | ○ Allina Health Specialties     |
| ○ University of Minnesota Physicians                  | ○ Target Clinic                 |
| ○ Buffalo Clinic, PA – Integrity Health Network (IHN) | ○ Park Nicollet Health Services |
| ○ Hennepin County Medical Center (HCMC) Clinics       | ○ Emergency Physicians, P.A.    |
| ○ NorthPoint Health & Wellness Center                 | ○ Children's Health Care        |
|   | ○ CentraCare Health             |
|   | ○ Fairview Medical Group        |

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Appropriate Treatment for Children with URI was made by **Mayo Clinic Health System – Waseca**, which achieved a 17 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014-2016)

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

## Medical Group/Clinic Level Performance Results

### Controlling High Blood Pressure by Medical Group

For the 2016 report year, 63 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 63 medical groups accounted for 10,036 of the 10,957 MHCP patients (92 percent) who were eligible for this measure statewide, and the 63 reportable medical groups accounted for 52 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, **Mayo Clinic Health System - Franciscan Healthcare in La Crosse**, achieved best practice with 91 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 42 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 2016

Fourteen 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 from highest to lowest performance.

- Mayo Clinic Health System - Franciscan Healthcare in La Crosse
- Sanford Health - Sioux Falls Region
- Mayo Clinic Health System-Owatonna
- Mankato Clinic, Ltd.
- United Family Medicine
- Entira Family Clinics
- Fairview Mesaba Clinics
- Mayo Clinic Health System - Red Wing
- Cuyuna Regional Medical Center
- Sanford Health - Fargo Region
- Essentia Health
- Fairview Medical Group
- Allina Health Specialties
- Park Nicollet Health Services

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Controlling High Blood Pressure was made by **Mayo Clinic Health System - Franciscan Healthcare in La Crosse**, which achieved a 40 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

The adequate control criteria for this measure was revised in 2015 to consider diabetes diagnosis. Due to this change, no trend data is available for this measure this year.

## Medical Group/Clinic Level Performance Results

### Breast Cancer Screening by Medical Group

For the 2016 report year, 61 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 61 medical groups accounted for 19,851 of the 24,511 MHCP patients (81 percent) who were eligible for this measure statewide, and the 61 reportable medical groups accounted for 49 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, **Alexandria Clinic**, achieved best practice with 82 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 22 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 2016

Eight 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.

- Alexandria Clinic
- HealthPartners Clinics
- Mayo Clinic Health System-Owatonna
- Mayo Clinic Health System - Albert Lea and Austin
- Mankato Clinic, Ltd.
- Buffalo Clinic, PA - IHN
- Mayo Clinic
- Allina Health Specialties

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Breast Cancer Screening was made by **Apple Valley Medical Clinic**, which achieved a 13 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

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 2016 report year, 73 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 73 medical groups accounted for 19,304 of the 23,871 MHCP patients (81 percent) who were eligible for this measure statewide, and the 73 reportable medical groups accounted for 51 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, **NorthPoint Health & Wellness Center**, achieved best practice with 78 percent of their MHCP patients; while the least successful, **Glencoe Regional Health Services**, achieved it with only nine 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 2016

Nine 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.

- NorthPoint Health & Wellness Center
- HealthPartners Clinics
- Neighborhood Healthsource
- Hennepin County Medical Center (HCMC) Clinics
- Allina Health Specialties
- West Side Community Health Services
- Park Nicollet Health Services
- University of Minnesota Physicians
- Fairview Medical Group

#### Largest Improvement from 2015 to 2016

The largest medical group improvement since report year 2015 in Chlamydia Screening in Women was made by **Mayo Clinic Health System-Owatonna**, which achieved a 19 percentage point increase for their MHCP patients.

#### Medical Group Performance over Time (2014 to 2016)

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



## 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 Alaska 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, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50 and Colorectal Cancer Screening. 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.

<sup>8</sup> Institute of Medicine (1999). *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care*.

# 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

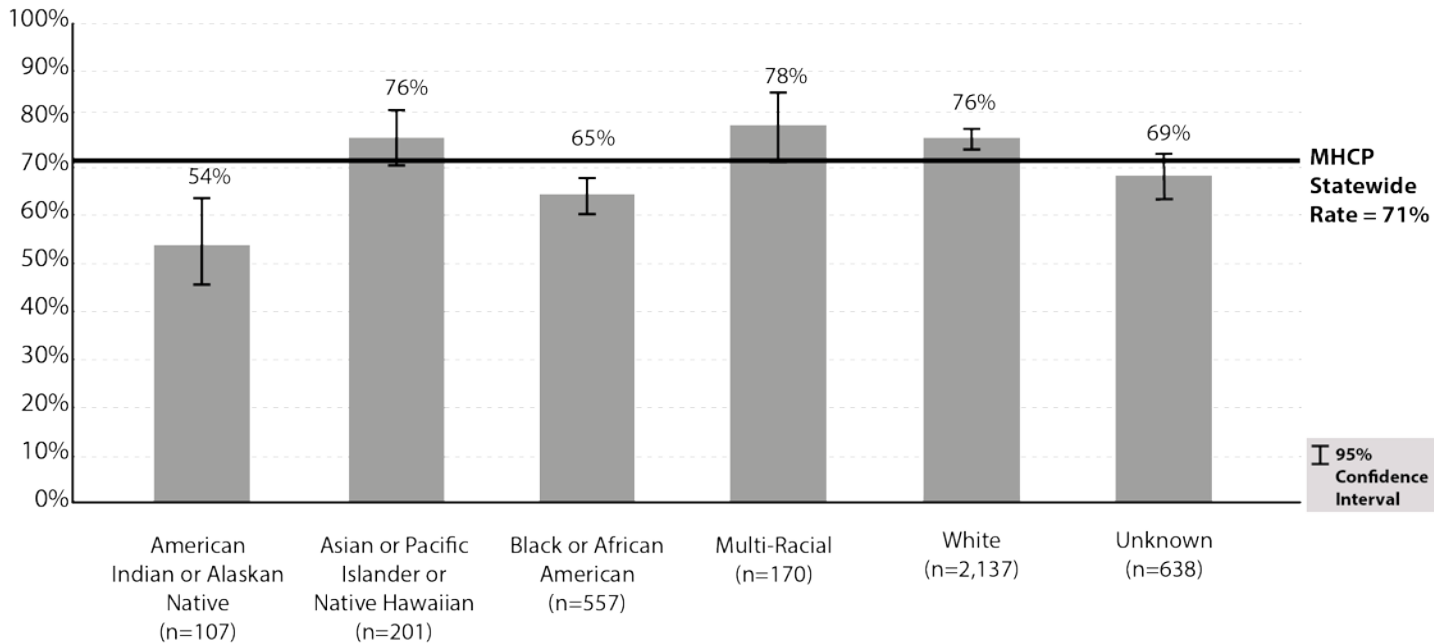
- Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin. The term “Spanish origin” can be used in addition to “Hispanic or Latino.”
- Non-Hispanic: A person who is not of Cuban, Mexican, Puerto Rican, South or Central American or other 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.

## Childhood Immunization Status (Combo 3)

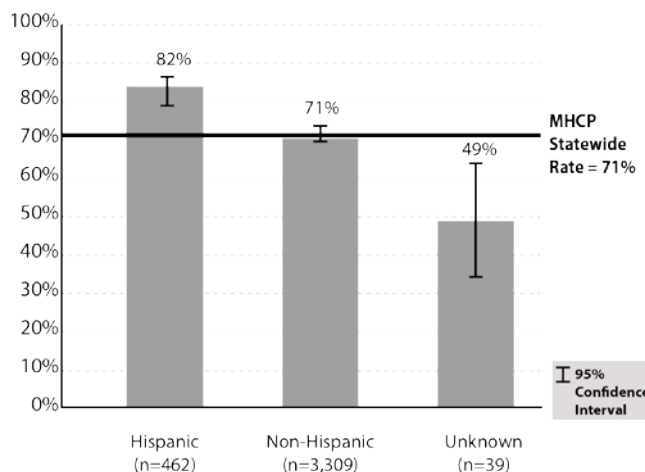
**Figure 10.1** shows Childhood Immunization Status (Combo 3) by race. The Multi-Racial group had the highest rate of childhood immunizations, and this rate was significantly above the MHCP statewide rate (71 percent). The only other racial group that had a rate significantly above the MHCP statewide 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 10.1: Childhood Immunization Status (Combo 3) Statewide Rates by Race**



**Figure 10.2** 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.

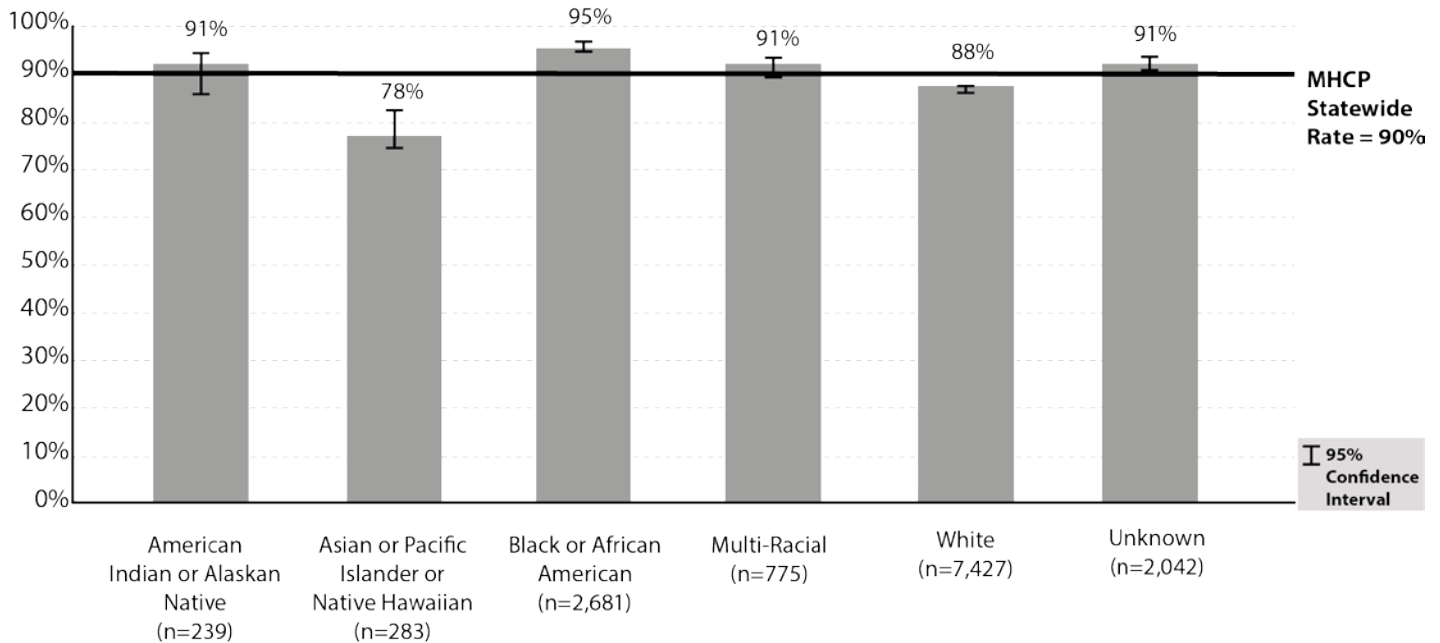
**Figure 10.2: Childhood Immunization Status (Combo 3) Statewide Rates by Hispanic Ethnicity**



# Appropriate Testing for Children with Pharyngitis

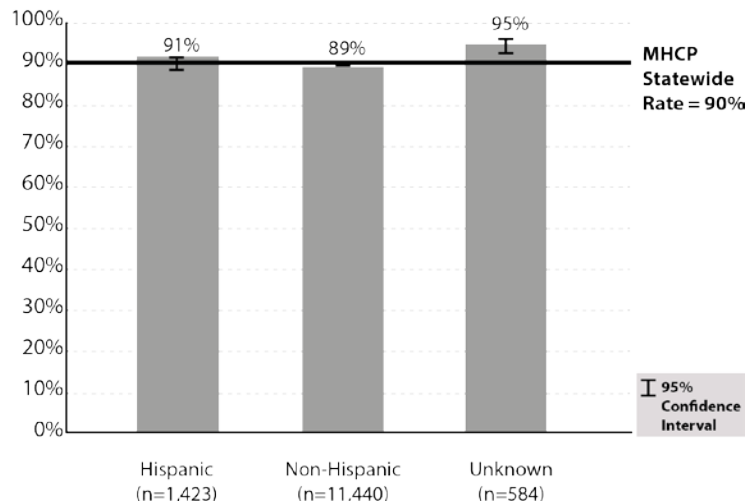
**Figure 11.1** shows the rates of Appropriate Testing for Children with Pharyngitis by race. The Black or African American racial group continued to have the highest rate of appropriate testing, and this rate was significantly above the MHCP statewide rate (89 percent). The other racial group with a performance rate significantly above the MHCP statewide rate was Unknown. 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 11.1: Appropriate Testing for Children with Pharyngitis Statewide Rates by Race**



**Figure 11.2** 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.

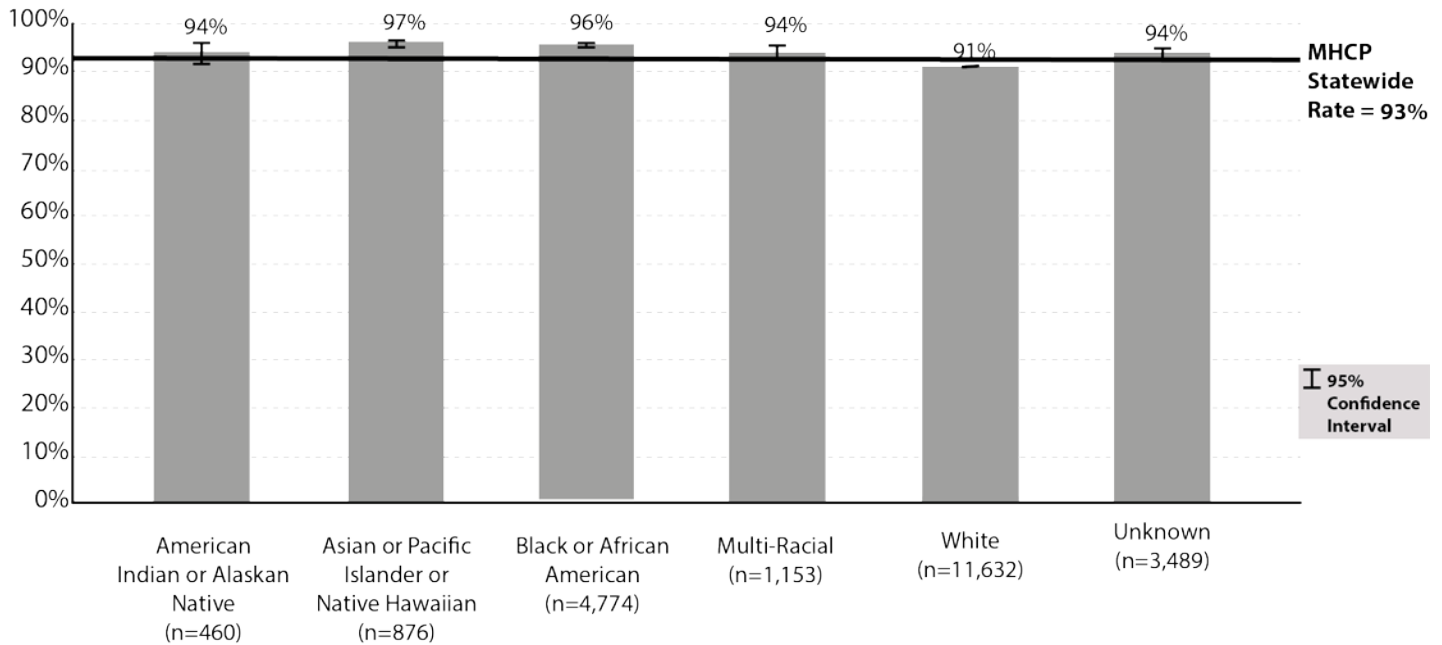
**Figure 11.2: Appropriate Testing for Children with Pharyngitis Statewide Rates by Hispanic Ethnicity**



## Appropriate Treatment for Children with URI

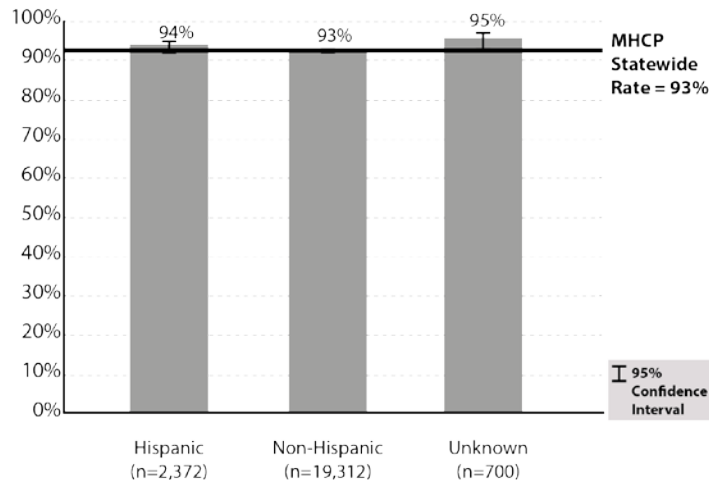
**Figure 12.1** shows Appropriate Treatment for Children with URI rates by race. The Asian racial group had the highest rate of appropriate treatment for children with URI (97 percent), and this rate was significantly above the MHCP statewide rate (93 percent). The Black or African American racial group was the only other group with a rate significantly above the MHCP statewide rate. The White racial group had the lowest rate at 91% and continued to have a performance rate significantly below the statewide MHCP rate.

**Figure 12.1: Appropriate Treatment for Children with URI Statewide Rates by Race**



**Figure 12.2** 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. Non-Hispanics had the lowest performance rate at 93 percent, but this was not significantly below the MHCP statewide rate.

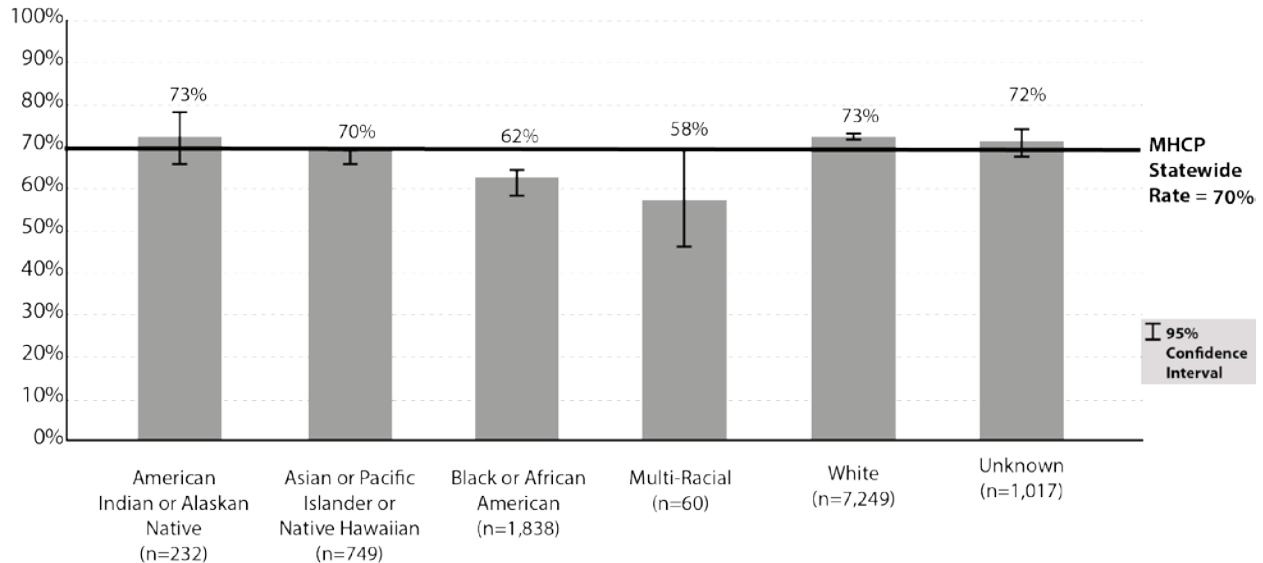
**Figure 12.2: Appropriate Treatment for Children with URI Statewide Rates by Hispanic Ethnicity**



## Controlling High Blood Pressure

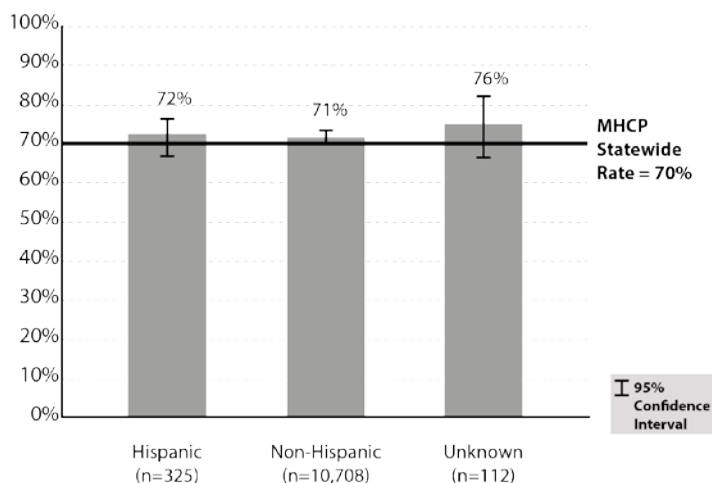
**Figure 13.1** shows the Controlling High Blood Pressure rates by race. The American Indian or Alaskan Native and White racial groups had the highest rate (73 percent). The American Indian or Alaskan Native rate was not significantly above the MHCP statewide rate (70 percent) but the White rate was significantly above the MHCP statewide rate. The Black or African American and Multi-Racial groups had performance rate significantly below the MHCP statewide rate, with the Multi-Racial group having the lowest rate for controlling high blood pressure.

**Figure 13.1:** Controlling High Blood Pressure Statewide Rates by Race



**Figure 13.2** 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 that were not significantly below the MHCP statewide rate.

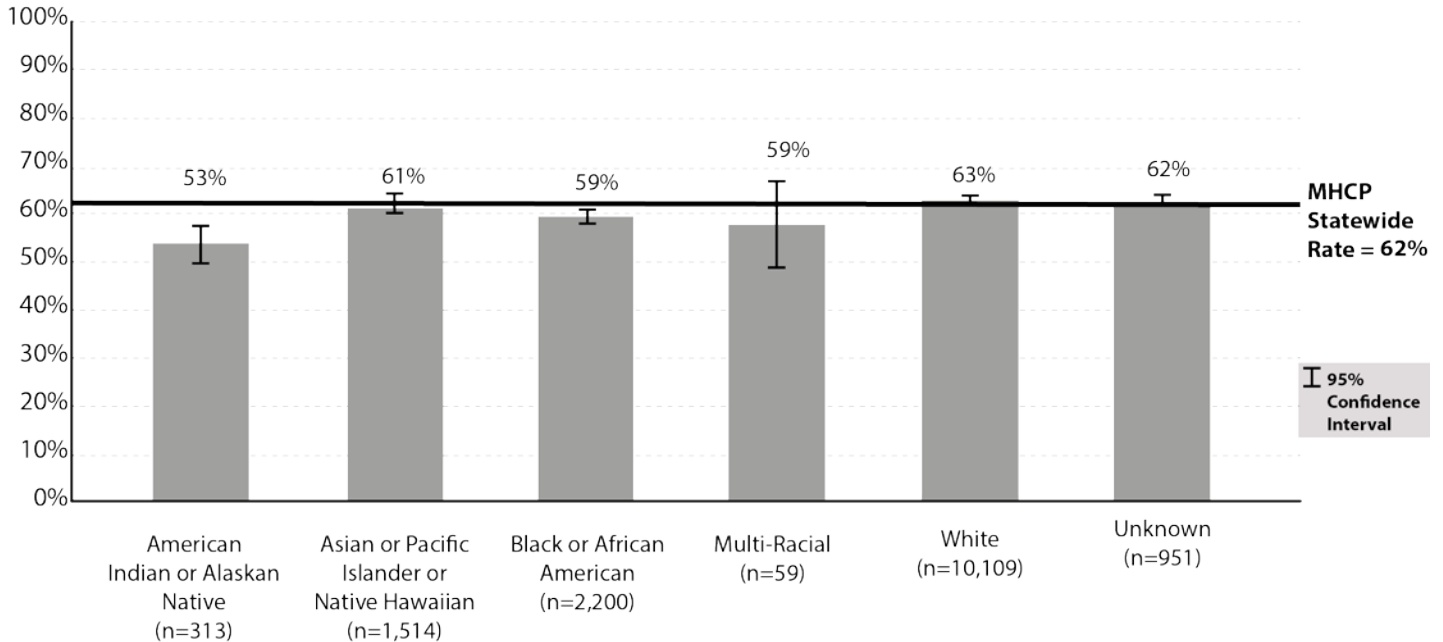
**Figure 13.2:** Controlling High Blood Pressure Statewide Rates by Hispanic Ethnicity



## Breast Cancer Screening

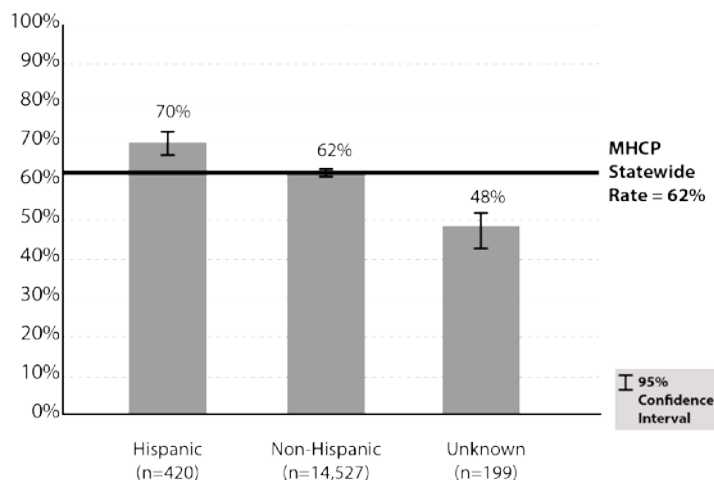
**Figure 14.1** shows the rates of Breast Cancer Screening by race. The White racial group had the highest rate of breast cancer screening, and this rate was significantly above the MHCP statewide rate (62 percent). The White racial group was the only group with a rate significantly above the MHCP statewide 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 racial group also had a rate significantly below the MHCP statewide rate at 59 percent.

**Figure 14.1: Breast Cancer Screening Statewide Rates by Race**



**Figure 14.2** 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.

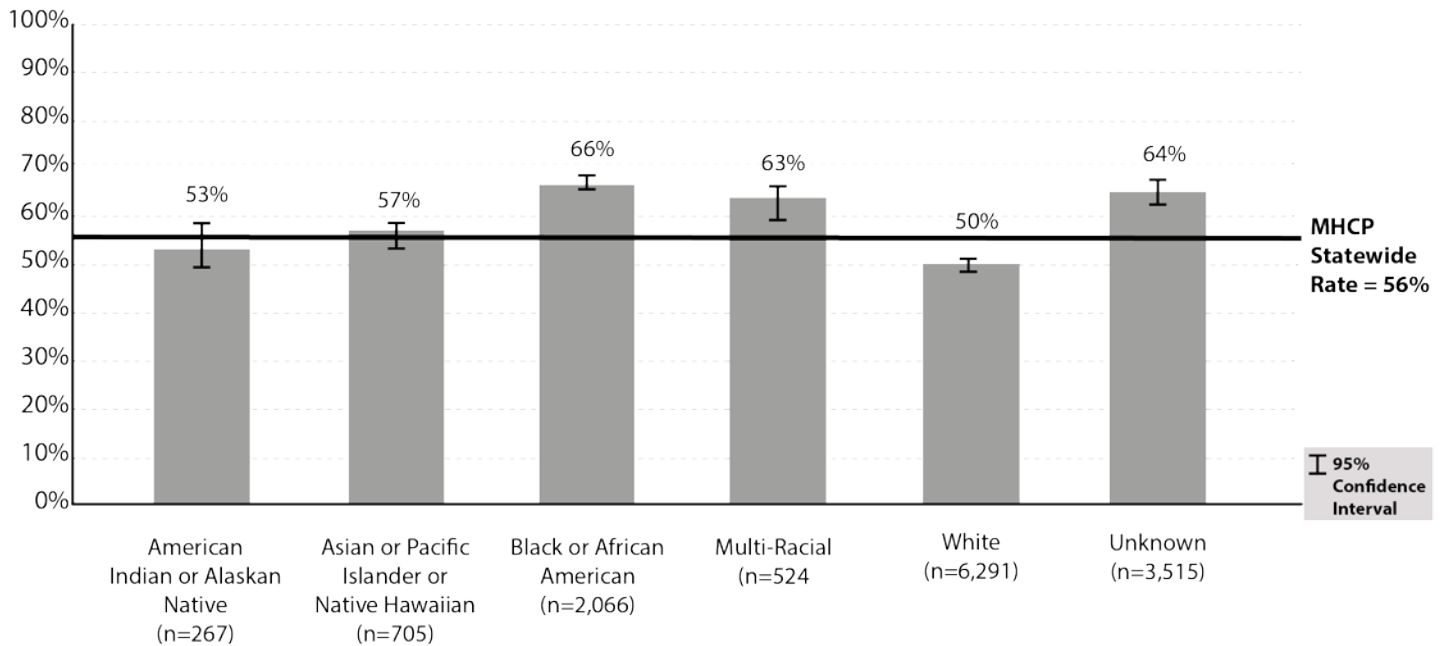
**Figure 14.2: Breast Cancer Screening Statewide Rates by Hispanic Ethnicity**



## Chlamydia Screening in Women

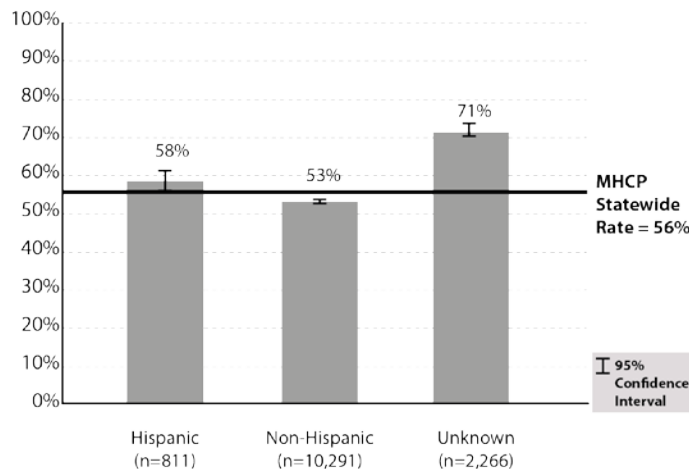
**Figure 15.1** shows Chlamydia Screening in Women rates by race. The Black or African American racial group continued to have the highest chlamydia screening rate, and it was significantly higher than the statewide MHCP rate (56 percent) and the rates for all other racial groups. The Unknown and Multi-Racial groups were the only other groups with rates significantly above the MHCP statewide rate. The White racial group had the lowest chlamydia screening rate at 50 percent and this was significantly below the MHCP statewide rate.

**Figure 15.1: Chlamydia Screening in Women Statewide Rates by Race**



**Figure 15.2** shows Chlamydia Screening in Women rates by Hispanic ethnicity. The Unknown group had a highest rate of chlamydia screening and this was significantly above the MHCP statewide rate. The Non-Hispanic ethnic category had the lowest performance rate which was significantly below the MHCP statewide rate.

**Figure 15.2: Chlamydia Screening in Women 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
Appropriate Testing for Children with Pharyngitis		↓	↑		↓	↑
Appropriate Treatment for Children with Upper Respiratory Infection		↑	↑		↓	
Childhood Immunization Status (Combo 3)	↓		↓	↑	↑	
Controlling High Blood Pressure			↓	↓	↑	
Breast Cancer Screening	↓		↓		↑	
Chlamydia Screening for Women			↑	↑	↓	↑

↑ = Above MHCP Statewide Average

↓ = Below MHCP Statewide Average

Blank = Similar to MHCP Statewide Average

## Summary of Findings by Race

### American Indian or Alaskan Native

The American Indian or Alaskan Native racial group had the lowest rate for two measures: Breast Cancer Screening and Childhood Immunization Status (Combo 3). They were tied for the highest rate for the Controlling High Blood Pressure measure.

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. The Asian or Pacific Islander or Native Hawaiian racial group had the highest rate for the Appropriate Treatment for Children with URI measure.

For one measure (Appropriate Testing for Children with Pharyngitis), 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 two measures where the Black or African American racial group had the highest rates: Appropriate Testing for Children with Pharyngitis and Chlamydia Screening in Women. There was no measures 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

The Multi-Racial group had the highest rate for the Childhood Immunization Status (Combo 3) measure. They had the lowest rate for the Controlling High Blood Pressure measure.

There are two measures (Childhood Immunization Status (Combo 3) and Chlamydia Screening in Women) where the Multi-Racial group had a performance rate significantly above the MHCP statewide rate. There was one measure (Controlling High Blood Pressure) where they had a significantly lower rate than the MHCP statewide rate.

### White

There were two measures where the White racial group had the highest rate: Controlling High Blood Pressure and Breast Cancer Screening. The White racial group had the lowest rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women.

For three measures (Breast Cancer Screening, Childhood Immunization Status (Combo 3) and Controlling High Blood Pressure), 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 did not have the highest or lowest rate for any measures.

There were no measures where the rate for the Unknown racial group was significantly below the MHCP statewide rate. For two measures (Appropriate Testing for Children with Pharyngitis and Chlamydia Screening in Women), 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
Appropriate Testing for Children with Pharyngitis			↑
Appropriate Treatment for Children with Upper Respiratory Infection			
Childhood Immunization Status (Combo 3)	↑		↓
Controlling High Blood Pressure			
Breast Cancer Screening	↑		↓
Chlamydia Screening in Women		↓	↑

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

### Hispanic

For two measures (Childhood Immunization Status (Combo 3) and Breast Cancer Screening), Hispanics had the highest performance rate. There were no measures where they had the lowest rate. For two measures (Childhood Immunization Status (Combo 3) and Breast Cancer Screening), the performance rates for Hispanics were significantly above the MHCP statewide rate. There were no measures where Hispanics had a performance rate significantly below the MHCP statewide rate.

### Non-Hispanic

There were no measures where Non-Hispanics had the highest performance rate. There were four measures (Appropriate Treatment for Children with URI, Appropriate Testing for Children with Pharyngitis, Controlling High Blood Pressure and Chlamydia Screening in women) where Non-Hispanics had the lowest rates. Non-Hispanics had a performance rate significantly below the MHCP statewide rate for Chlamydia Screening in Women.

### 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.

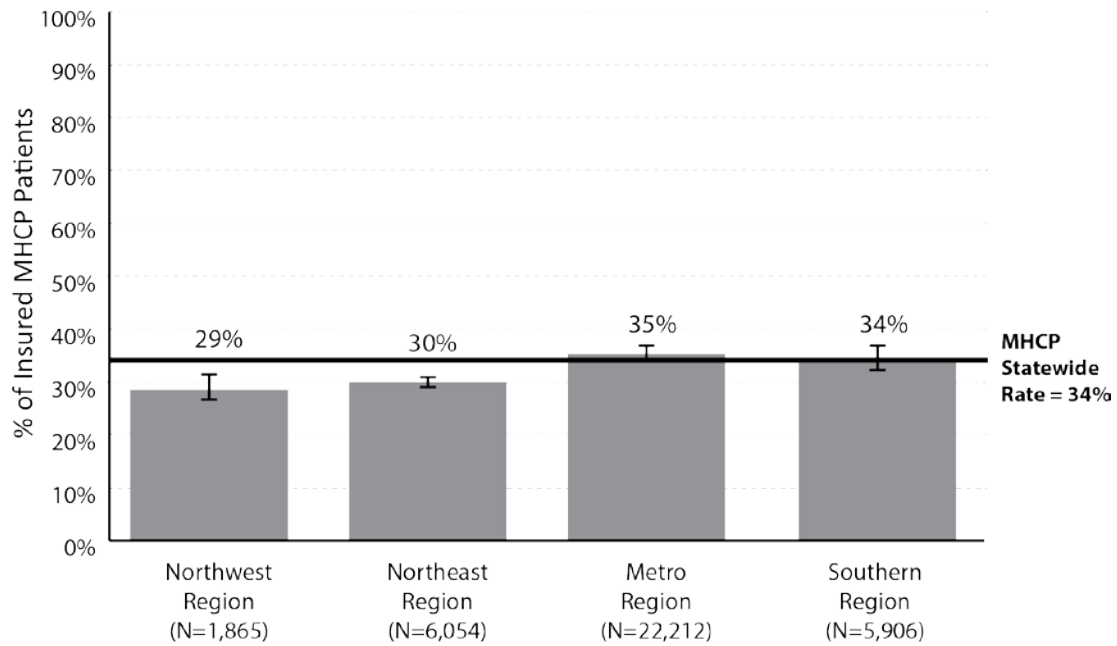
## Region Descriptions

- Northwest region: The counties in this region include: Becker, Beltrami, Clay, Clearwater, Douglas, Grant, Hubbard, Kittson, Lake of the Woods, Mahnomen, 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 16** shows the rates of Optimal Diabetes Care by DHS region. The Metro region had the highest rate of optimal care (35 percent) and this was significantly above the MHCP statewide rate (34 percent). The lowest rate was found in the Northwest region at 29 percent and this rate was significantly below the MHCP statewide rate, along with the Northwest region at 30 percent.

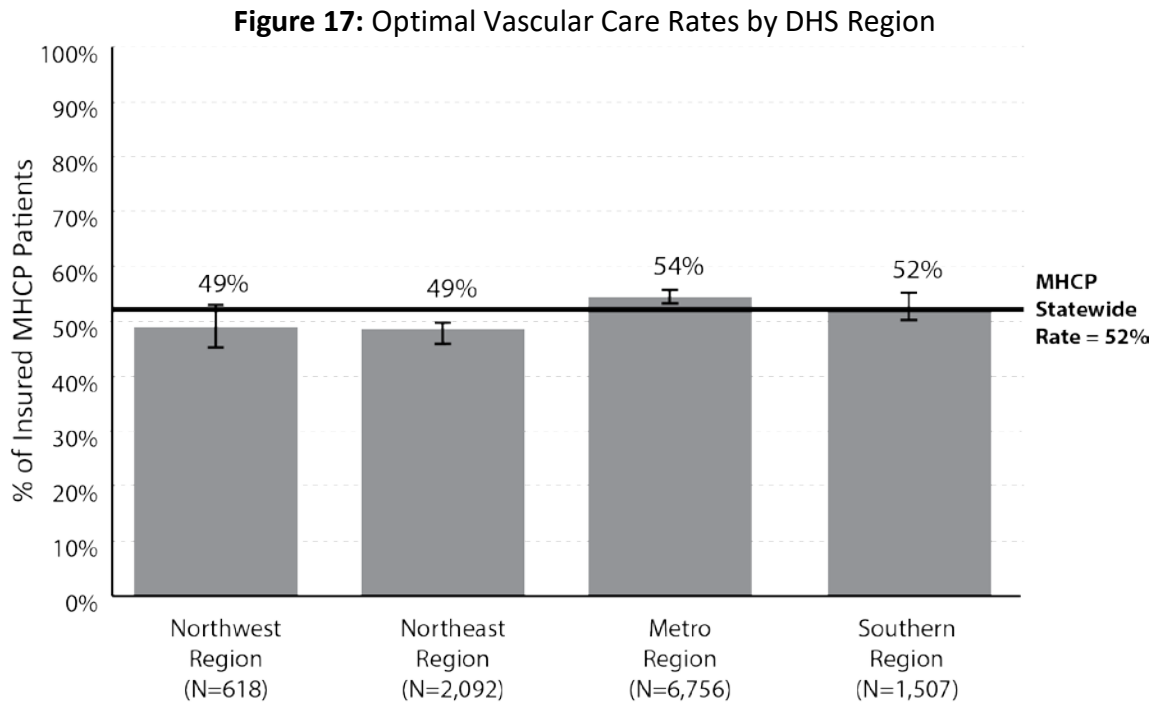
**Figure 16: Optimal Diabetes Care Rates by DHS Region**





## Optimal Vascular Care

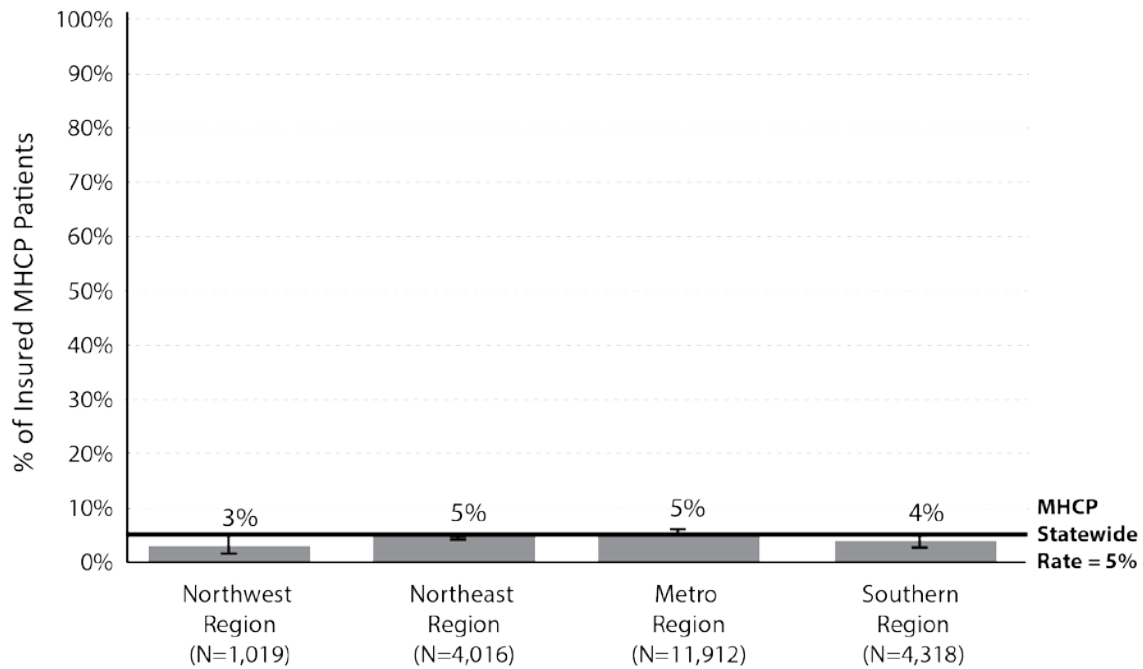
**Figure 17** shows the rates of Optimal Vascular Care by DHS region. The Metro region had the highest rate (54 percent) and this rate was significantly above the MHCP statewide rate (52 percent). The lowest rate was found in the Northwest and Northeast regions at 49 percent. However, only the Northeast rate was significantly below the MHCP statewide rate.



## 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 Northwest and Metro regions (five percent); however, this rate was not significantly above the MHCP statewide rate (five percent). No regional rates were significantly above the MHCP statewide rate. The Northwest region had the lowest rate at three percent and it was significantly below the MHCP statewide rate, along with the Southern region at four percent.

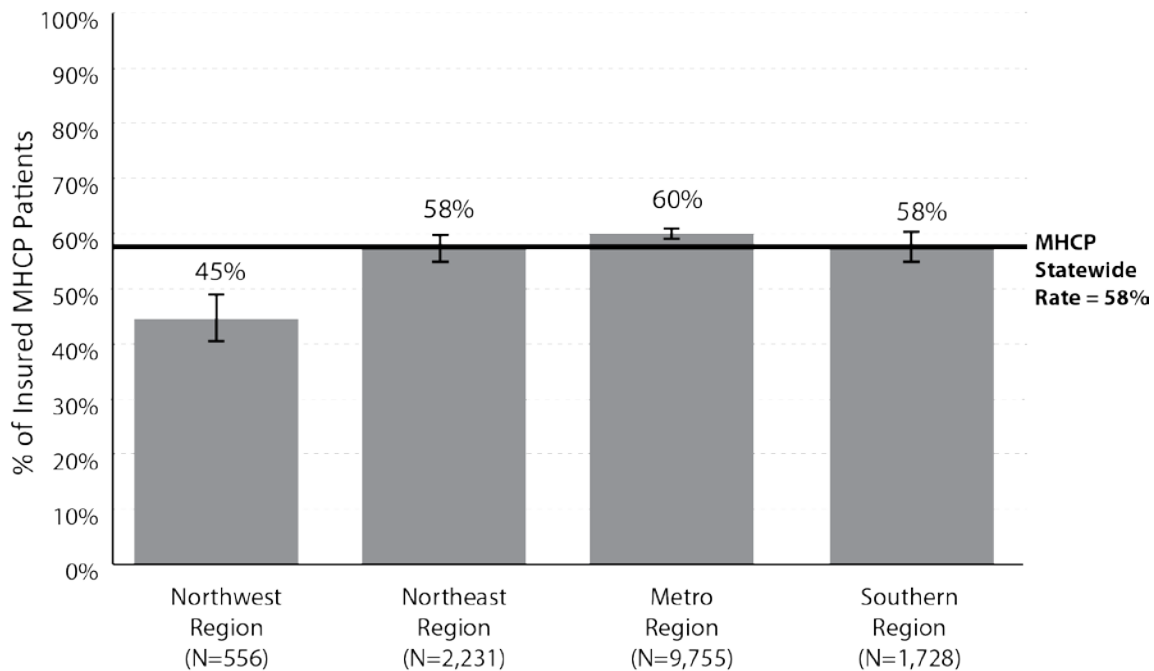
**Figure 18:** Depression Remission at Six Months Rates by DHS Region



## Optimal Asthma Control – Children Ages 5-17

**Figure 19** shows the rates of Optimal Asthma Control – Children Ages 5-17 by DHS region. The Metro region had the highest rate (60 percent), and this rate was significantly above the MHCP statewide rate (58 percent). The lowest rate was found in the Northwest region at 45 percent; this rate was the only rate significantly below the MHCP statewide rate.

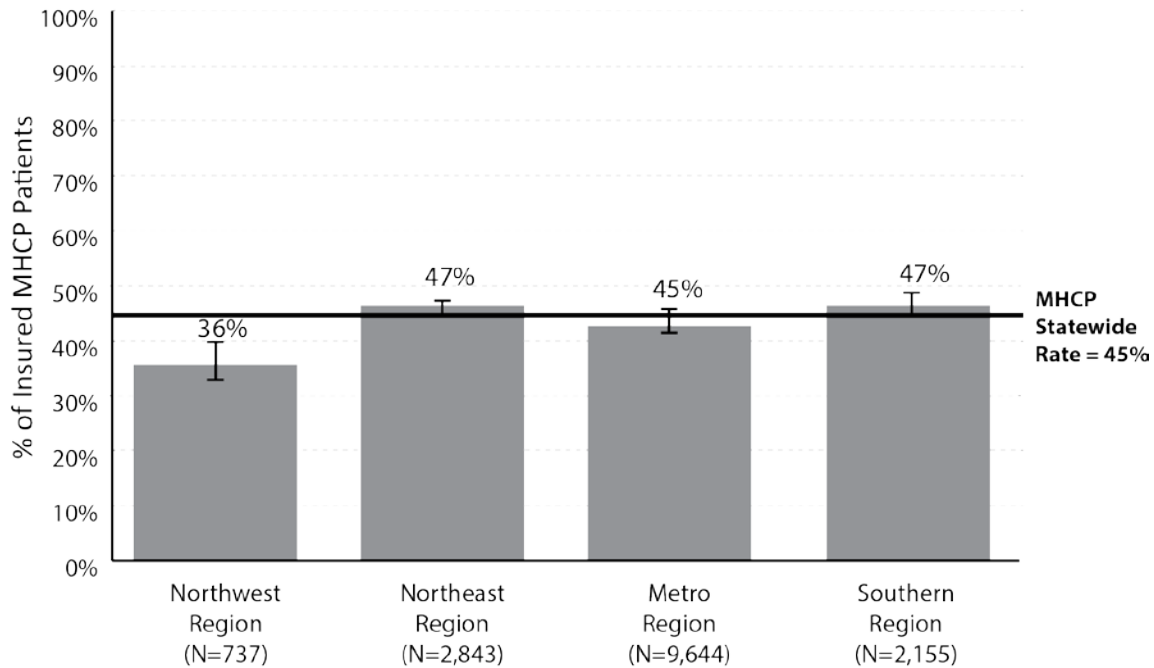
**Figure 19:** Optimal Asthma Control – Children Ages 5-17 Rates by DHS Region



## Optimal Asthma Control – Adults Ages 18-50

**Figure 20** shows the rates of Optimal Asthma Control – Adults Ages 18-50 by DHS region. The Southern and Northeast regions had the highest rate (47 percent), and this rate was significantly above the MHCP statewide rate. The lowest rate was found in the Northwest region at 36 percent; this rate was the only rate significantly below the MHCP statewide rate.

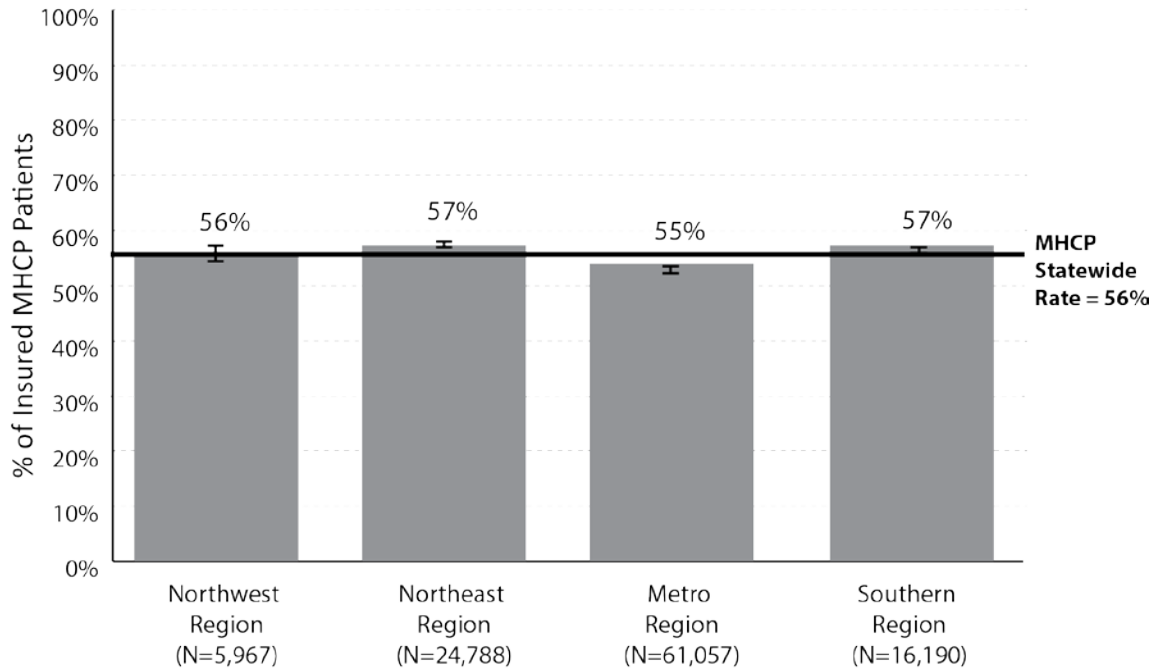
**Figure 20:** Optimal Asthma Control – Adults Ages 18-50 Rates by DHS Region



## Colorectal Cancer Screening

**Figure 21** 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 (57 percent), and this rate was significantly above the MHCP statewide rate (56 percent). Only one region had a screening rate significantly below the MHCP statewide rate: Metro region at 55 percent.

**Figure 21:** Colorectal Cancer Screening 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		↓	↑	
Depression Remission at Six Months	↓		↑	↓
Optimal Asthma Control - Children Ages 5-17	↓		↑	
Optimal Asthma Control - Adults Ages 18-50	↓	↑		↑
Colorectal Cancer Screening		↑	↓	↑

↑ = 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 four of the six measures: Optimal Diabetes 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 one of the six measures: Optimal Vascular Care.

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 and Optimal Vascular Care.

### The Metro Region

There were four measures where the Metro region had the highest rate: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, and Optimal Asthma Control – Children Ages 5-17. There was one measure (Colorectal Cancer Screening) where this region had the lowest rate.

For four measures (Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, and Optimal Asthma Control – Children Ages 5-17), 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 one measure: Optimal Asthma Control – Adults Ages 18-50. This region did not have the lowest rate for any of the six measures.

There were two measures (Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening) where the Southern region had a performance rate significantly above the MHCP statewide rate. There were one measure (Depression Remission at Six Months) where this region had a rate significantly below the MHCP statewide rate.

## Conclusion

The *2016 Health Care Disparities Report for Minnesota Health Care Programs* spotlights that MHCP patients are receiving better care in 2015 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 six measures and narrowing of the gap between purchasers in six measures. But setbacks can also be seen particularly in one measures where performance rate decreased for MHCP patients and three 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 one measure this year and show room for improvement. The measure is:

- Chlamydia Screening in Women

Six measures showed statistically significant improvement since 2015. They are:

- Optimal Asthma Control – Children Ages 5-17
- Optimal Asthma Control – Adults Ages 18-50
- Childhood Immunization Status (Combo 3)
- Colorectal Cancer Screening
- Appropriate Testing for Children with Pharyngitis
- Appropriate Treatment for Children with URI

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 three measures where gaps between purchasers widened are:

- Optimal Asthma Control – Children Ages 5-17
- Appropriate Treatment for Children with URI
- Breast Cancer Screening

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

This is the seventh *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 two measures.



## Conclusion

For the third 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 those rates were significantly above the MHCP statewide rate. Conversely, the Northwest region had the lowest rate for four 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
- Hennepin Health
- Itasca Medical Care
- Medica
- PreferredOne
- PrimeWest Health System
- Sanford Health Plan
- South Country Health Alliance
- UCare

## Medical Groups (Primary Care) Reported in 2016 (119)

- AALFA Family Clinic
- Advanced Medical Clinic
- Affiliated Community Medical Centers
- Alexandria Clinic
- Allina Health Clinics
- Allina Health Specialties
- Altru Health System
- Apple Valley Medical Clinic
- Appleton Area Health Services
- Avera Medical Group
- Avera Medical Group - Pipestone
- 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 Health
- Chippewa County Montevideo Hospital & Medical Clinic
- Community University Health Care Center
- Cuyuna Regional Medical Center
- Dawson Clinic
- Duluth Family Medicine Clinic
- Edina Sports Health & Wellness
- Entira Family Clinics
- Essentia Health
- 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 - Minnesota Healthcare Network
- 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
- Lake View Clinic - Two Harbors
- 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 - 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
- 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
- Richfield Medical Group
- Ridgeview Clinics
- River's Edge Hospital & Clinic
- RiverView Health
- Riverwood Healthcare Center
- Sanford Health - Fargo Region

## Additional Medical Group Provider Types Reported in 2016 (46)

### Primary Care Medical Groups continued...

- 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. Croix Regional Medical Center
- St. Luke's Clinics
- St. Paul Family Medical Center
- Stevens Community Medical Center
- Stillwater Medical Group
- Synergy Family Physicians, P.A
- 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

- Comprehensive Healthcare for Women
- Metropolitan Obstetrics & Gynecology
- Oakdale Ob/Gyn
- OBGYN West
- Obstetrics and Gynecology Associates
- Partners Ob/Gyn
- 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
- Urgent Care Doctors Office

### Pediatric

- All About Children Pediatrics - Children's Health Network
- Central Pediatrics
- Children's | Minnesota
- Children's Clinic Network
- Children's Health Care
- Children's Respiratory & Critical Care Specialists
- 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 2016 (46) - *continued*

### Behavioral Health

- Associated Clinic of Psychology
- Associates in Psychiatry & Psychology
- Family Life Center
- Hamm Clinic
- Lakeland Mental Health Center
- Minnesota Mental Health Clinics (Eagan, Edina, Lakeville, Maplewood, M
- Northern Psychiatric Associates
- 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 2016 Technical Specifications (2015 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 2016, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Hennepin Health Itasca Medical Care, Medica, 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 *2016 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 2016 Direct Data Submission (DDS) Guides (2015 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):

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

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)
- Breast Cancer Screening
- Chlamydia Screening in Women

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

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

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 2016 HEDIS Technical Specifications. Specifications for DDS measures were calculated in the MNMCM Data Portal using MNMCM's 2016 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 2016 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 2016 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 2016 DDS Guide described accepted methods to select a systematic sample. This step was reviewed by MNMCM as part of the denominator certification process. In 2016, about 99 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 2016 with their rate during report year 2015, 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 (2014, 2015 and 2016). See “Medical Group Performance over Time (2014 to 2016)” in the “Results by Measure” section and Appendix 4 for detailed tables of medical groups.

Patterns in rate changes over the three reporting years (2014, 2015, and 2016) 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.

## 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.

### Contents of Detailed Tables per Measure

#### **Measures with Specification Changes from 2015 to 2016**

- Table 18.1: Optimal Diabetes Care by Clinic
- Table 18.2: Optimal Diabetes Care by Medical Group
- Table 19.1: Optimal Vascular Care by Clinic
- Table 19.2: Optimal Vascular Care by Medical Group
- Table 20: Depression Remission at Six Months by Clinic

#### **Measures with an Increase in MHCP Rate**

- 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: Childhood Immunization Status (Combo 3) by Medical Group
- Table 24.1: Colorectal Cancer Screening by Clinic
- Table 24.2: Colorectal Cancer Screening by Medical Group
- Table 25: Appropriate Testing for Children with Pharyngitis by Medical Group
- Table 26: Appropriate Treatment for Children with URI by Medical Group
- Table 27: Controlling High Blood Pressure
- Table 28: Breast Cancer Screening by Medical Group

#### **Measures with a Decrease in MHCP Rate**

- Table 29: Chlamydia Screening in Women by Medical Group

**Table 18.1: 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
Statewide Average	36,757	33.6%	33.2%	34.1%	
Park Nicollet Clinic - Prairie Center	39	61.5%	45.9%	75.1%	Above
HealthPartners - Arden Hills	62	59.7%	47.3%	71.0%	Above
Allina Health - Chanhassen (Quello)	55	58.2%	45.0%	70.3%	Above
Park Nicollet Clinic - Wayzata	33	57.6%	40.8%	72.8%	Above
Allina Health - Eagan	91	57.1%	46.9%	66.8%	Above
HealthPartners - Ctr for Internatl Hlth	227	56.8%	50.3%	63.1%	Above
HealthPartners - Riverside	198	54.6%	47.6%	61.3%	Above
CentraCare River Campus-Internal Medicine	66	54.6%	42.6%	66.0%	Above
Fairview EdenCenter Clinic	93	53.8%	43.7%	63.6%	Above
CentraCare Clinic - Northway	73	53.4%	42.1%	64.4%	Above
North Memorial Clinic - Maple Grove	30	53.3%	36.1%	69.8%	Above
Allina Health - Chaska	30	53.3%	36.1%	69.8%	Above
Allina Health - Shoreview	55	52.7%	39.8%	65.3%	Above
Entira Family Clinics - Woodbury	38	52.6%	37.3%	67.5%	Above
Park Nicollet Clinic - Golden Valley	44	52.3%	37.9%	66.3%	Above
Fairview Eagan Clinic	92	52.2%	42.1%	62.1%	Above
Park Nicollet Clinic - Bloomington	73	52.1%	40.8%	63.1%	Above
Allina Health - Ramsey	73	52.1%	40.8%	63.1%	Above
Allina Health - Plymouth	81	51.9%	41.1%	62.4%	Above
Park Nicollet Clinic - Shakopee	161	51.6%	43.9%	59.2%	Above
Park Nicollet Clinic - Brookdale	330	51.2%	45.8%	56.6%	Above
North Memorial Clinic - Golden Valley Physicians	43	51.2%	36.8%	65.4%	Above
Fairview Brooklyn Park Clinic	194	51.0%	44.1%	58.0%	Above
HealthPartners - Brooklyn Center	182	50.6%	43.4%	57.7%	Above
Park Nicollet Clinic and Specialty Center - Maple Grove	72	50.0%	38.8%	61.3%	Above
HealthPartners - Bloomington	106	49.1%	39.7%	58.4%	Above
Fairview Blaine Clinic	49	49.0%	35.6%	62.5%	Above
Multicare Associates - Roseville Medical Center	43	48.8%	34.6%	63.3%	Above
Fairview Crosstown Clinic	82	48.8%	38.3%	59.4%	Above
Park Nicollet Clinic - Burnsville	231	48.5%	42.1%	54.9%	Above
Ortonville Area Health Services-Northside Medical Clinic	31	48.4%	32.0%	65.2%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	165	47.9%	40.4%	55.5%	Above
Allina Health - West St. Paul	159	47.8%	40.2%	55.5%	Above
Mayo Clinic Health System St. Peter	78	47.4%	36.7%	58.4%	Above
EH Central Baxter Clinic	78	47.4%	36.7%	58.4%	Above
Fairview Hiawatha Clinic	74	47.3%	36.3%	58.5%	Above
Allina Health - Centennial Lakes (Quello)	55	47.3%	34.7%	60.2%	Above
HealthPartners - Elk River	36	47.2%	32.0%	63.0%	Average
Entira Family Clinics - East Side	123	47.2%	38.6%	55.9%	Above
Park Nicollet Clinic - Eagan	68	47.1%	35.7%	58.8%	Above
Park Nicollet Clinic - St. Louis Park Internal Medicine	134	47.0%	38.8%	55.4%	Above
Allina Health - Brooklyn Park	47	46.8%	33.3%	60.8%	Average
Sanford Laverne Clinic	41	46.3%	32.1%	61.3%	Average
Hennepin County Med. Center (HCMC) Clinics - Golden Valley Clinic	39	46.2%	31.6%	61.4%	Average
Apple Valley Medical Clinic - Family Practice	102	46.1%	36.7%	55.7%	Above
HealthPartners - Coon Rapids	139	46.0%	38.0%	54.3%	Above
Affiliated Community Medical Centers- Marshall Clinic	146	45.9%	38.0%	54.0%	Above
HealthPartners - Hlth Ctr for Women	35	45.7%	30.5%	61.8%	Average
North Memorial Clinic - New Hope	33	45.5%	29.8%	62.0%	Average
Mayo Clinic Health System Faribault Hwy 60	44	45.5%	31.7%	59.9%	Average
Mayo Clinic Health System St. James	55	45.5%	33.0%	58.5%	Average
Allina Health - Edina	77	45.5%	34.8%	56.5%	Above
Fairview North Branch Clinic	62	45.2%	33.4%	57.5%	Average

\* Denotes a clinic submitted a sample instead of total population.

**Table 18.1: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Allina Health - Maplewood (Aspen)	134	44.8%	36.6%	53.2%	Above
St. Cloud Medical Group - South -IHN	76	44.7%	34.1%	55.9%	Above
Allina Health - Richfield	112	44.6%	35.8%	53.9%	Above
HealthPartners - West	65	44.6%	33.2%	56.7%	Average
Fairview Milaca Clinic	36	44.4%	29.5%	60.4%	Average
Park Nicollet Clinic - Carlson	52	44.2%	31.6%	57.7%	Average
Fairview Elk River Clinic	43	44.2%	30.4%	58.9%	Average
St Luke's Clinics-P.S. Rudie Medical Clinic	59	44.1%	32.2%	56.7%	Average
Buffalo Clinic-Monticello: IHN	75	44.0%	33.3%	55.3%	Average
HealthPartners - Woodbury	171	43.9%	36.6%	51.4%	Above
Allina Health - Burnsville (Quello)	57	43.9%	31.8%	56.7%	Average
Allina Health - Farmington	39	43.6%	29.3%	59.0%	Average
Allina Health - Blaine	39	43.6%	29.3%	59.0%	Average
Allina Health - Isles	53	43.4%	31.0%	56.7%	Average
Mayo Clinic Health System Lake City	44	43.2%	29.7%	57.8%	Average
HealthEast Vadnais Heights Clinic	58	43.1%	31.2%	55.9%	Average
Sanford Worthington Clinic	58	43.1%	31.2%	55.9%	Average
Allina Health - Coon Rapids	596	43.0%	39.0%	47.0%	Above
Allina Health - Champlin	56	42.9%	30.8%	55.9%	Average
Allina Health - Shakopee	84	42.9%	32.8%	53.5%	Average
North Memorial Clinic, Silver Lake - St. Anthony	40	42.5%	28.5%	57.8%	Average
Allina Health - Northfield	113	42.5%	33.8%	51.7%	Above
Park Nicollet Clinic - Prior Lake	33	42.4%	27.2%	59.2%	Average
Sanford Thief River Falls Clinic	52	42.3%	29.9%	55.8%	Average
Sanford Health Detroit Lakes Clinic	100	42.0%	32.8%	51.8%	Average
Vibrant Health Family Clinics and MN Health Network-River Falls	31	41.9%	26.4%	59.2%	Average
Gateway Family Health Clinic - Sandstone	55	41.8%	29.7%	55.0%	Average
Fairview Oxboro Clinic	168	41.7%	34.5%	49.2%	Above
Fairview Uptown Clinic	48	41.7%	28.9%	55.7%	Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	36	41.7%	27.1%	57.8%	Average
Mayo Clinic Health System Red Wing	149	41.6%	34.0%	49.6%	Above
Allina Health - Fridley	75	41.3%	30.9%	52.6%	Average
HealthPartners - Midway	257	41.3%	35.4%	47.4%	Above
HealthEast Grand Avenue Clinic	80	41.3%	31.1%	52.2%	Average
Allina Health - Woodbury	80	41.3%	31.1%	52.2%	Average
Perham Health Clinic	34	41.2%	26.4%	57.8%	Average
Mankato Clinic - North Mankato	34	41.2%	26.4%	57.8%	Average
Allina Health - Buffalo	129	41.1%	33.0%	49.7%	Average
Entira Family Clinics - West St. Paul	39	41.0%	27.1%	56.6%	Average
Mayo Clinic Health System Owatonna	254	40.9%	35.1%	47.1%	Above
Hennepin County Medical Ctr. (HCMC) Clinics - Brooklyn Park Clinic	123	40.7%	32.4%	49.5%	Average
Entira Family Clinics - Inver Grove Heights	37	40.5%	26.4%	56.5%	Average
Park Nicollet Clinic - Chanhassen	79	40.5%	30.4%	51.5%	Average
Mankato Clinic - Main Street	141	40.4%	32.7%	48.7%	Average
Family Practice Medical Center of Willmar	114	40.4%	31.8%	49.5%	Average
Allina Health Specialties - New Ulm Medical Center	144	40.3%	32.6%	48.4%	Average
HealthPartners - Eagan	50	40.0%	27.6%	53.8%	Average
Entira Family Clinics - Vadnais Heights	35	40.0%	25.6%	56.4%	Average
Allina Health - Forest Lake	70	40.0%	29.3%	51.7%	Average
Allina Health - St. Michael	30	40.0%	24.6%	57.7%	Average
Allina Health - Highland Park (Aspen)	30	40.0%	24.6%	57.7%	Average
Mayo Clinic Health System Fairmont	143	39.9%	32.2%	48.1%	Average
Fairview Fridley Clinic	151	39.7%	32.3%	47.7%	Average

\* Denotes a clinic submitted a sample instead of total population.



**Table 18.1: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Fairview New Brighton Clinic	104	39.4%	30.6%	49.0%	Average
Allina Health - Bandana Square (Aspen)	160	39.4%	32.1%	47.1%	Average
Fairview Columbia Heights Clinic	155	39.4%	32.0%	47.2%	Average
Allina Health - Faribault	196	39.3%	32.7%	46.3%	Average
Park Nicollet Clinic - Plymouth	69	39.1%	28.5%	50.9%	Average
Allina Health - Nicollet Mall	82	39.0%	29.2%	49.9%	Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	59	39.0%	27.6%	51.7%	Average
HealthPartners - Anoka	139	38.9%	31.2%	47.2%	Average
Ridgeview Westonka Clinic	31	38.7%	23.7%	56.2%	Average
Fairview Andover Clinic	75	38.7%	28.5%	50.0%	Average
Allina Health - Annandale	34	38.2%	23.9%	55.0%	Average
EH East Hibbing Clinic	34	38.2%	23.9%	55.0%	Average
Olmsted Medical Center - Rochester Northwest	55	38.2%	26.5%	51.4%	Average
HealthPartners - Como	136	37.5%	29.8%	45.9%	Average
Fairview Apple Valley Clinic	120	37.5%	29.4%	46.4%	Average
Fairview Burnsville Clinic	148	37.2%	29.8%	45.2%	Average
Alexandria Clinic, A Service of Douglas County Hospital	146	37.0%	29.6%	45.1%	Average
Lakewood Health System - Staples Clinic	95	36.8%	27.8%	46.9%	Average
EH West Moorhead	57	36.8%	25.5%	49.8%	Average
HealthEast Woodbury Clinic	150	36.7%	29.4%	44.6%	Average
Mayo Clinic Health System Cannon Falls	30	36.7%	21.9%	54.5%	Average
Allina Health - Maple Grove	41	36.6%	23.6%	51.9%	Average
EH East Hermantown Clinic	52	36.5%	24.8%	50.1%	Average
Fairview Bloomington Lake Minneapolis	126	36.5%	28.6%	45.2%	Average
Fairview Bloomington Lake Xerxes	55	36.4%	24.9%	49.6%	Average
Entira Family Clinics - Como/Roseville	55	36.4%	24.9%	49.6%	Average
CentraCare Health Plaza-Internal Medicine	66	36.4%	25.8%	48.4%	Average
Allina Health - Uptown	55	36.4%	24.9%	49.6%	Average
Allina Health - United Medical Specialties	341	36.4%	31.4%	41.6%	Average
EH East Ely Clinic	33	36.4%	22.2%	53.4%	Average
Community-University Health Care Center	311	36.3%	31.2%	41.8%	Average
Hudson Physicians	91	36.3%	27.1%	46.5%	Average
Sanford Fargo Southpointe Clinic - Internal Medicine	47	36.2%	24.0%	50.5%	Average
EH West Detroit Lakes Clinic	147	36.1%	28.7%	44.1%	Average
Mayo Clinic Health System Mankato Northridge	64	35.9%	25.3%	48.2%	Average
Stillwater Medical Group - Curve Crest Clinic	156	35.9%	28.8%	43.7%	Average
Park Nicollet Clinic - Creekside	70	35.7%	25.5%	47.4%	Average
Entira Family Clinics - Maplewood/Battle Creek	59	35.6%	24.6%	48.3%	Average
Allina Health - Bloomington (Aspen)	82	35.4%	25.9%	46.2%	Average
Allina Health - Nininger Road	34	35.3%	21.5%	52.1%	Average
Park Nicollet Clinic - Minneapolis	244	35.3%	29.5%	41.4%	Average
University of Minnesota Health - Primary Care Center	122	35.3%	27.3%	44.1%	Average
Mayo Clinic Health System Mankato Eastridge	122	35.3%	27.3%	44.1%	Average
Mayo Clinic Health System Albert Lea	236	35.2%	29.4%	41.5%	Average
Affiliated Community Medical Centers - Willmar Clinic	259	35.1%	29.6%	41.1%	Average
Mayo Clinic Health System Mankato Specialty Clinic	37	35.1%	21.8%	51.2%	Average
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	177	35.0%	28.4%	42.3%	Average
HealthEast Downtown St. Paul Clinic	100	35.0%	26.4%	44.8%	Average
North Memorial Clinic - Northeast Family Physicians	40	35.0%	22.1%	50.5%	Average
Mayo Clinic - Northeast	40	35.0%	22.1%	50.5%	Average
HealthPartners - Specialty Center 401	43	34.9%	22.4%	49.8%	Average
HealthPartners - University Ave	155	34.8%	27.8%	42.6%	Average
North Memorial Clinic - Brooklyn Center Physicians	55	34.6%	23.4%	47.8%	Average

\* Denotes a clinic submitted a sample instead of total population.

**Table 18.1: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Johnson Memorial Health Services - Dawson Clinic	32	34.4%	20.4%	51.7%	Average
Altru Health System - Roseau	41	34.2%	21.6%	49.5%	Average
HealthPartners - Apple Valley	85	34.1%	24.9%	44.7%	Average
Hutchinson Health - Hutchinson Clinic	141	34.0%	26.7%	42.2%	Average
Glencoe Regional Health Services - Glencoe	106	34.0%	25.7%	43.4%	Average
North Memorial Clinic - Camden	56	33.9%	22.9%	47.0%	Average
Allina Health - East Lake Street (Aspen)	112	33.9%	25.8%	43.1%	Average
HealthPartners - White Bear Lake	62	33.9%	23.3%	46.3%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	243	33.7%	28.1%	39.9%	Average
HealthEast Midway Clinic	84	33.3%	24.2%	44.0%	Average
CentraCare Health Plaza-Family Medicine	90	33.3%	24.5%	43.6%	Average
France Avenue Family Physicians - Minnesota Healthcare Network	30	33.3%	19.2%	51.2%	Average
Allina Health - Cambridge	246	33.3%	27.7%	39.4%	Average
Allina Health - Inver Grove Heights (Aspen)	57	33.3%	22.5%	46.3%	Average
EH West Wahpeton Clinic	30	33.3%	19.2%	51.2%	Average
EH East Northern Pines Clinic	42	33.3%	21.0%	48.5%	Average
HealthPartners Central Minnesota Clinics	172	33.1%	26.5%	40.5%	Average
FirstLight Health System - Mora	136	33.1%	25.7%	41.4%	Average
North Memorial Clinic - Brooklyn Park Physicians	73	32.9%	23.2%	44.3%	Average
Fairview Princeton Clinic	104	32.7%	24.4%	42.2%	Average
EH East Virginia Clinic	98	32.7%	24.2%	42.4%	Average
Δ Park Nicollet Clinic - St. Louis Park Endocrinology	386	32.6%	28.2%	37.5%	Average
Entira Family Clinics - North St. Paul	89	32.6%	23.7%	42.9%	Average
Olmsted Medical Center - Rochester Southeast	264	32.6%	27.2%	38.4%	Average
Multicare Associates - Fridley Medical Center	132	32.6%	25.2%	41.0%	Average
EH East Duluth Clinic 1st St	132	32.6%	25.2%	41.0%	Average
CentraCare Health- Sauk Centre	43	32.6%	20.5%	47.5%	Average
Allina Health - Cottage Grove	139	32.4%	25.2%	40.5%	Average
HealthEast Rice Street Clinic	195	32.3%	26.1%	39.2%	Average
HealthPartners - St Paul	358	32.1%	27.5%	37.1%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	159	32.1%	25.3%	39.7%	Average
Fairview Lino Lakes Clinic	47	31.9%	20.4%	46.2%	Average
Fairview Lakes Medical Center	91	31.9%	23.2%	42.0%	Average
University of Minnesota Health - Fairview Maple Grove Medical Ctr.	66	31.8%	21.9%	43.8%	Average
Affiliated Community Medical Centers - Granite Falls Clinic	44	31.8%	20.0%	46.6%	Average
Mayo Clinic Health System Waseca	60	31.7%	21.3%	44.2%	Average
HealthEast Maplewood Clinic	139	31.7%	24.5%	39.8%	Average
University of Minnesota Health - Medicine Specialties Clinic	310	31.6%	26.7%	37.0%	Average
HealthPartners - Maplewood	153	31.4%	24.6%	39.1%	Average
Sanford Moorhead Clinic - Internal Medicine	42	31.0%	19.1%	46.0%	Average
Affiliated Community Medical Centers - Redwood Falls Clinic	55	30.9%	20.3%	44.0%	Average
EH West Park Rapids Clinic	104	30.8%	22.7%	40.2%	Average
EH East West Duluth Clinic	75	30.7%	21.4%	41.8%	Average
Sanford Moorhead Clinic - Family Medicine	49	30.6%	19.5%	44.5%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	36	30.6%	18.0%	46.9%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	292	30.5%	25.5%	36.0%	Average
St Luke's Clinics-Denfeld	69	30.4%	20.9%	42.1%	Average
EH East Superior Clinic	92	30.4%	22.0%	40.5%	Average
EH Central Brainerd Clinic	142	30.3%	23.3%	38.3%	Average
Mayo Clinic Health System Austin	216	30.1%	24.4%	36.5%	Average
HealthPartners - Inver Grove Heights	60	30.0%	19.9%	42.5%	Average
HealthEast Cottage Grove Clinic	60	30.0%	19.9%	42.5%	Average
Allina Health - Elk River	50	30.0%	19.1%	43.8%	Average

\* Denotes a clinic submitted a sample instead of total population.



**Table 18.1: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Scenic Rivers Health Services - Bigfork/Big Falls	47	29.8%	18.7%	44.0%	Average
Multicare Associates - Blaine Medical Center	101	29.7%	21.7%	39.2%	Average
HealthEast Roselawn Clinic	179	29.6%	23.4%	36.7%	Average
Mayo Clinic Health System Le Sueur	34	29.4%	16.8%	46.2%	Average
Tri-County Health Care - Wadena Clinic	106	29.3%	21.4%	38.5%	Average
HealthEast Oakdale	89	29.2%	20.8%	39.4%	Average
Buffalo Clinic-IHN	79	29.1%	20.3%	39.9%	Average
Mayo Clinic - Speciality Practice	159	28.9%	22.5%	36.4%	Average
EH East Ashland Clinic	45	28.9%	17.7%	43.4%	Average
St. Cloud Medical Group - NW- IHN	109	28.4%	20.8%	37.5%	Average
Allina Health - First Street	88	28.4%	20.0%	38.6%	Average
Chippewa County Montevideo Hospital & Medical Clinic	74	28.4%	19.4%	39.5%	Average
Duluth Family Medicine Clinic	67	28.4%	19.0%	40.1%	Average
Mayo Clinic - Baldwin Building, Family Medicine	53	28.3%	18.0%	41.6%	Average
Sanford Bemidji Main Clinic - Family Medicine	117	28.2%	20.8%	37.0%	Average
St Luke's Clinics-Internal Medicine Associates	71	28.2%	19.0%	39.5%	Average
University of MN Physicians Bethesda Family Medicine Clinic	309	28.2%	23.4%	33.4%	Below
HealthEast Roseville Clinic	64	28.1%	18.6%	40.1%	Average
EH East Hayward Clinic	64	28.1%	18.6%	40.1%	Average
Sanford Health Alexandria Broadway Clinic	114	28.1%	20.6%	36.9%	Average
University of MN Physicians - Phalen Village Family Medicine Clinic	202	27.2%	21.6%	33.8%	Average
CentraCare Health- Family Health Center	188	27.1%	21.3%	33.9%	Average
West Side Community Health Services - La Clinica	227	26.9%	21.5%	33.0%	Below
NorthPoint Health & Wellness Center	604	26.8%	23.4%	30.5%	Below
CentraCare Health- Long Prairie	56	26.8%	17.0%	39.6%	Average
Sanford Aberdeen Clinic	30	26.7%	14.2%	44.5%	Average
EH West Fosston Clinic	45	26.7%	16.0%	41.0%	Average
Fairview Riverside	42	26.2%	15.3%	41.1%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	191	26.2%	20.5%	32.8%	Below
Avera Medical Group - Worthington	69	26.1%	17.2%	37.5%	Average
Advanced Medical Clinic, Inc.	46	26.1%	15.6%	40.3%	Average
Δ HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	142	26.1%	19.5%	33.8%	Average
HealthPartners - Andover	54	25.9%	16.1%	38.9%	Average
Altru Health System - Crookston	54	25.9%	16.1%	38.9%	Average
Winona Health - Winona Clinic	270	25.9%	21.1%	31.5%	Below
Gateway Family Health Clinic - Moose Lake	89	25.8%	17.9%	35.8%	Average
St Luke's Clinics-Laurentian	31	25.8%	13.7%	43.3%	Average
FirstLight Health System - Pine City	35	25.7%	14.2%	42.1%	Average
HealthPartners - Roseville	43	25.6%	14.9%	40.2%	Average
Avera - Pipestone County Medical Center	47	25.5%	15.3%	39.5%	Average
West Side Community Health Services - McDonough Homes Clinic	94	25.5%	17.8%	35.2%	Average
United Family Medicine	337	25.5%	21.2%	30.4%	Below
Family Medical Center	146	25.3%	19.0%	33.0%	Below
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	430	25.1%	21.3%	29.4%	Below
North Clinic - Maple Grove Office	36	25.0%	13.8%	41.1%	Average
Hennepin Co. Med. Ctr (HCMC) Clinics - St. Anthony Village Clinic	44	25.0%	14.6%	39.4%	Average
North Clinic - Oakdale Office in Robbinsdale	122	24.6%	17.8%	32.9%	Below
Northwest Family Physicians - Crystal	106	24.5%	17.3%	33.5%	Below
Sanford Fargo Broadway Clinic - Internal Medicine	41	24.4%	13.8%	39.3%	Average
North Clinic - Osseo Office	33	24.2%	12.8%	41.0%	Average
AXIS Medical Center	157	24.2%	18.2%	31.5%	Below
Mankato Clinic - Wickersham Campus	34	23.5%	12.4%	40.0%	Average
EH East Deer River Clinic	73	23.3%	15.1%	34.2%	Average

\* Denotes a clinic submitted a sample instead of total population.

**Table 18.1: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Altru Health System - Family Medicine Center	48	22.9%	13.3%	36.5%	Average
Allina Health - Hopkins (Aspen)	35	22.9%	12.1%	39.0%	Average
$\Delta$ CentraCare Health Plaza-Endocrinology	114	22.8%	16.1%	31.3%	Below
Neighborhood HealthSource - Fremont Clinic	75	22.7%	14.7%	33.3%	Below
United Hospital District Clinic	53	22.6%	13.5%	35.5%	Average
St Luke's Clinics-Hibbing Family Medical Clinic	62	22.6%	14.0%	34.4%	Average
Lake Superior Community Health Center - Duluth	62	22.6%	14.0%	34.4%	Average
Hennepin County Med. Ctr. (HCMC) Clinics - Brooklyn Center Clinic	142	22.5%	16.4%	30.1%	Below
$\Delta$ Sanford Fargo Southpointe Clinic - Endocrinology	49	22.5%	13.0%	35.9%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	130	22.3%	16.0%	30.2%	Below
Hennepin Co. Med. Ctr. (HCMC) Clinics - Downtown Medicine Clinic	990	22.2%	19.7%	24.9%	Below
EH West South University Clinic	54	22.2%	13.2%	34.9%	Average
Riverwood Aitkin Clinic	59	22.0%	13.4%	34.1%	Average
Native American Community Clinic	177	22.0%	16.6%	28.7%	Below
EH East Spooner Clinic	32	21.9%	11.0%	38.8%	Average
Grand Itasca Clinic	207	21.7%	16.7%	27.9%	Below
Sanford Bagley Clinic	42	21.4%	11.7%	35.9%	Average
HealthEast Tamarack Clinic Woodbury	43	20.9%	11.4%	35.2%	Average
Affiliated Community Medical Centers - Benson Clinic	43	20.9%	11.4%	35.2%	Average
Mayo Clinic - Kasson	53	20.8%	12.0%	33.5%	Below
Range Regional Health Svcs. dba Fairview Mesaba Clinic - Hibbing	111	20.7%	14.2%	29.2%	Below
Raiter Clinic-IHN	137	20.4%	14.5%	28.0%	Below
$\Delta$ St Luke's Clinics-Endocrinology Associates	50	20.0%	11.2%	33.0%	Below
Indian Health Board of Minneapolis	115	20.0%	13.7%	28.2%	Below
Renville County Hospital and Clinics - Olivia	41	19.5%	10.2%	34.0%	Average
West Side Community Health Services - East Side Family Clinic	330	19.4%	15.5%	24.0%	Below
Fairview Riverside Primary Care Clinic	84	19.1%	12.1%	28.7%	Below
Southside Medical Clinic	53	18.9%	10.6%	31.4%	Below
Cedar Riverside People's Center - People's Center Medical Clinic	372	18.8%	15.2%	23.1%	Below
Hennepin County Medical Ctr. (HCMC) Clinics - Positive Care Clinic	59	18.6%	10.7%	30.4%	Below
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	92	18.5%	11.9%	27.6%	Below
EH Central Pine River Clinic	49	18.4%	10.0%	31.4%	Below
University of MN Physicians - Broadway Family Medicine Clinic	237	18.1%	13.8%	23.6%	Below
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Mountain Iron	39	18.0%	9.0%	32.7%	Below
Neighborhood HealthSource-Central Clinic	62	17.7%	10.2%	29.0%	Below
Altru Health System - Main	66	16.7%	9.6%	27.4%	Below
Open Door Health Center	72	16.7%	9.8%	26.9%	Below
FirstLight Health System - Hinckley	30	16.7%	7.3%	33.6%	Below
Lake View Clinic - Two Harbors	37	16.2%	7.7%	31.1%	Below
Sanford Sioux Falls Diabetes and Thyroid Clinic	44	15.9%	7.9%	29.4%	Below
CentraCare Health- Paynesville Clinic	38	15.8%	7.4%	30.4%	Below
North Clinic - Plymouth	46	15.2%	7.6%	28.2%	Below
St. Croix Regional Medical Center - St. Croix Falls Clinic	33	15.2%	6.7%	30.9%	Below
Altru Health System - Lake Region	36	13.9%	6.1%	28.7%	Below
Bluestone Physician Services	117	12.8%	7.9%	20.1%	Below
Hennepin County Med. Ctr. (HCMC) Clinics - Coordinated Care Clinic	38	10.5%	4.2%	24.1%	Below
Scenic Rivers Health Services - Cook	30	10.0%	3.5%	25.6%	Below
Riverwood McGregor Clinic	50	8.0%	3.2%	18.8%	Below
Mille Lacs Health System - Onamia	57	7.0%	2.8%	16.7%	Below
Open Cities Health (Dunlap) - Family Medicine	203	0.5%	0.1%	2.7%	Below

\* Denotes a clinic submitted a sample instead of total population.

**Table 18.2: 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
Statewide Average	36,757	33.6%	33.2%	34.1%	
Ortonville Area Health Services-Northside Medical Clinic	31	48.4%	32.0%	65.2%	Average
Apple Valley Medical Clinic	102	46.1%	36.7%	55.7%	Above
Park Nicollet Health Services	2338	44.3%	42.3%	46.3%	Above
Entira Family Clinics	564	41.8%	37.8%	46.0%	Above
HealthPartners Clinics	2935	41.3%	39.5%	43.1%	Above
Allina Health Clinics	4347	41.0%	39.5%	42.4%	Above
Fairview Health Services	2555	40.4%	38.5%	42.4%	Above
Family Practice Medical Center of Willmar	114	40.4%	31.8%	49.5%	Average
Allina Health Specialties	176	39.2%	32.3%	46.6%	Average
Gundersen Health System	31	38.7%	23.7%	56.2%	Average
Vibrant Health Family Clinics and Minnesota Health Network	44	38.6%	25.7%	53.4%	Average
North Memorial	480	38.1%	33.9%	42.6%	Above
Mayo Clinic Health System	1819	37.9%	35.7%	40.1%	Above
Stillwater Medical Group	164	37.2%	30.2%	44.8%	Average
Alexandria Clinic	149	36.9%	29.6%	44.9%	Average
Affiliated Community Medical Centers	659	36.7%	33.1%	40.5%	Average
Community University Health Care Center	311	36.3%	31.2%	41.8%	Average
Hudson Physicians - Minnesota Healthcare Network	91	36.3%	27.1%	46.5%	Average
Mankato Clinic, Ltd.	243	35.0%	29.3%	41.2%	Average
Hutchinson Health	155	34.8%	27.8%	42.6%	Average
Glencoe Regional Health Services	124	34.7%	26.9%	43.4%	Average
Dawson Clinic	32	34.4%	20.4%	51.7%	Average
Multicare Associates	276	34.1%	28.7%	39.8%	Average
France Avenue Family Physicians - Minnesota Healthcare Network	30	33.3%	19.2%	51.2%	Average
HealthPartners Central Minnesota Clinics	172	33.1%	26.5%	40.5%	Average
Sanford Health - Sioux Falls Region	455	33.0%	28.8%	37.4%	Average
CentraCare Health	872	32.8%	29.8%	36.0%	Average
HealthEast Clinics	1288	32.8%	30.3%	35.4%	Average
Integrity Health Network	540	32.6%	28.8%	36.7%	Average
Olmsted Medical Center	459	32.0%	27.9%	36.4%	Average
Essentia Health	1811	32.0%	29.9%	34.2%	Average
Lakewood Health System	177	29.9%	23.7%	37.1%	Average
Sanford Health - Fargo Region	1157	29.9%	27.3%	32.6%	Below
Gateway Family Health Clinic	162	29.6%	23.1%	37.1%	Average
FirstLight Health System	201	29.4%	23.5%	36.0%	Average
Mayo Clinic	625	29.3%	25.9%	33.0%	Below
Chippewa County Montevideo Hospital & Medical Clinic	76	29.0%	20.0%	40.0%	Average
University of Minnesota Physicians	1509	28.8%	26.5%	31.1%	Below
Duluth Family Medicine Clinic	67	28.4%	19.0%	40.1%	Average
St. Luke's Clinics	439	28.3%	24.2%	32.6%	Below
Avera Medical Group	187	27.3%	21.4%	34.1%	Average
NorthPoint Health & Wellness Center	604	26.8%	23.4%	30.5%	Below
Scenic Rivers Health Services	97	26.8%	19.0%	36.4%	Average
Advanced Medical Clinic	46	26.1%	15.6%	40.3%	Average
Hennepin County Medical Center (HCMC) Clinics	2556	26.0%	24.4%	27.8%	Below



**Table 18.2: 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
<b>Statewide Average</b>	<b>36,757</b>	<b>33.6%</b>	<b>33.2%</b>	<b>34.1%</b>	
Winona Health Services	297	25.9%	21.3%	31.2%	Below
Neighborhood Healthsource	166	25.9%	19.8%	33.1%	Below
Ridgeview Clinics	170	25.9%	19.9%	33.0%	Below
United Family Medicine	337	25.5%	21.2%	30.4%	Below
Unity Family Healthcare, Family Medical Center	149	25.5%	19.2%	33.1%	Below
Tri-County Health Care	146	25.3%	19.0%	33.0%	Below
Altru Health System	297	24.2%	19.7%	29.4%	Below
Axis Medical Center	157	24.2%	18.2%	31.5%	Below
Northwest Family Physicians	154	24.0%	18.0%	31.4%	Below
Sibley Medical Center DBA Ridgeview Sibley Medical Center	43	23.3%	13.2%	37.7%	Average
West Side Community Health Services	651	22.9%	19.8%	26.3%	Below
North Clinic	237	22.8%	17.9%	28.5%	Below
United Hospital District Clinic	53	22.6%	13.5%	35.5%	Average
Lake Superior Community Health Center	62	22.6%	14.0%	34.4%	Average
Native American Community Clinic	177	22.0%	16.6%	28.7%	Below
Grand Itasca Clinic	207	21.7%	16.7%	27.9%	Below
Lake Region Healthcare	143	21.0%	15.1%	28.4%	Below
Fairview Mesaba Clinics	171	20.5%	15.1%	27.1%	Below
Indian Health Board of Minneapolis	115	20.0%	13.7%	28.2%	Below
Southside Community Health Services	58	19.0%	10.9%	30.9%	Below
Cedar Riverside People's Center	381	18.6%	15.1%	22.9%	Below
Renville County Hospital and Clinics	65	16.9%	9.7%	27.8%	Below
St. Croix Regional Medical Center	54	16.7%	9.0%	28.7%	Below
Open Door Health Center	72	16.7%	9.8%	26.9%	Below
Lake View Clinic - Two Harbors	37	16.2%	7.7%	31.1%	Below
Prairie Ridge Hospital & Health Services	41	14.6%	6.9%	28.4%	Below
Riverwood Healthcare Center	126	13.5%	8.6%	20.6%	Below
Bluestone Physician Services	117	12.8%	7.9%	20.1%	Below
Mille Lacs Health System	97	10.3%	5.7%	18.0%	Below
Open Cities Health Center	210	0.5%	0.1%	2.7%	Below

**Table 19.1: 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
Statewide Average	11,374	52.3%	51.4%	53.2%	
Park Nicollet Clinic - Shakopee	34	76.5%	60.0%	87.6%	Above
Fairview Oxboro Clinic	42	73.8%	58.9%	84.7%	Above
+ University of MN Heart Care at Fairview Ridges Special Care Center	131	69.5%	61.1%	76.7%	Above
Fairview Crosstown Clinic	52	69.2%	55.7%	80.1%	Above
+ University of MN Heart Care at Fairview Southdale Hospital	329	68.7%	63.5%	73.5%	Above
Allina Health - Buffalo	38	68.4%	52.5%	80.9%	Above
Allina Health - Plymouth	49	67.4%	53.4%	78.8%	Above
Park Nicollet Clinic - St. Louis Park Internal Medicine	57	66.7%	53.7%	77.5%	Above
Mayo Clinic Health System Owatonna	50	66.0%	52.2%	77.6%	Above
Park Nicollet Clinic - Minneapolis	32	65.6%	48.3%	79.6%	Average
Park Nicollet Clinic - Brookdale	52	65.4%	51.8%	76.9%	Average
+ Allina Health Specialties - Minneapolis Heart Institute ANW	230	65.2%	58.9%	71.1%	Above
FirstLight Health System - Mora	34	64.7%	47.9%	78.5%	Average
Fairview Apple Valley Clinic	31	64.5%	47.0%	78.9%	Average
+ University of MN Heart Care at University of MN Medical Center	188	64.4%	57.3%	70.9%	Above
EH East West Duluth Clinic	39	64.1%	48.4%	77.3%	Average
Fairview Fridley Clinic	61	63.9%	51.4%	74.8%	Average
HealthPartners - Riverside	30	63.3%	45.5%	78.1%	Average
North Clinic - Plymouth	30	63.3%	45.5%	78.1%	Average
Mayo Clinic - Specialty Practice	83	62.7%	51.9%	72.3%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	45	62.2%	47.6%	74.9%	Average
Park Nicollet Clinic - Burnsville	44	61.4%	46.6%	74.3%	Average
Allina Health - Northfield	36	61.1%	44.9%	75.2%	Average
+ Allina Health Specialties - United Heart and Vascular Clinic	314	60.5%	55.0%	65.8%	Above
Mankato Clinic - Main Street	45	60.0%	45.5%	73.0%	Average
+ Allina Health Specialties - Metro. Heart & Vascular Inst. Coon Rapids	339	58.7%	53.4%	63.8%	Above
Allina Health - Faribault	41	58.5%	43.4%	72.2%	Average
Mayo Clinic Health System Fairmont	36	58.3%	42.2%	72.9%	Average
HealthPartners - Woodbury	31	58.1%	40.8%	73.6%	Average
Multicare Associates - Fridley Medical Center	31	58.1%	40.8%	73.6%	Average
Buffalo Clinic-IHN	31	58.1%	40.8%	73.6%	Average
Allina Health - First Street	33	57.6%	40.8%	72.8%	Average
HealthPartners - Brooklyn Center	47	57.5%	43.3%	70.5%	Average
St Luke's Clinics-Cardiology Associates	54	57.4%	44.2%	69.7%	Average
Sanford Bemidji Main Clinic - Family Medicine	35	57.1%	40.9%	72.0%	Average
Allina Health - Bandana Square (Aspen)	35	57.1%	40.9%	72.0%	Average
Mayo Clinic Health System Mankato Specialty Clinic	65	56.9%	44.8%	68.2%	Average
Sanford Health Detroit Lakes Clinic	37	56.8%	40.9%	71.3%	Average
Mayo Clinic Health System Albert Lea	66	56.1%	44.1%	67.4%	Average
HealthPartners - Como	34	55.9%	39.5%	71.1%	Average
Fairview Columbia Heights Clinic	34	55.9%	39.5%	71.1%	Average
Allina Health - Coon Rapids	120	55.8%	46.9%	64.4%	Average
EH Central Brainerd Clinic	79	55.7%	44.7%	66.1%	Average
Allina Health - Maplewood (Aspen)	38	55.3%	39.7%	69.9%	Average
Sanford Bemidji Main Clinic - Specialty Clinics	58	55.2%	42.5%	67.3%	Average
Fairview Princeton Clinic	49	55.1%	41.3%	68.2%	Average
Fairview New Brighton Clinic	40	55.0%	39.8%	69.3%	Average
EH East Ashland Clinic	31	54.8%	37.8%	70.8%	Average
EH East Virginia Clinic	39	53.9%	38.6%	68.4%	Average
North Memorial Clinic - Maple Grove	41	53.7%	38.8%	67.9%	Average
Alexandria Clinic, A Service of Douglas County Hospital	58	53.5%	40.8%	65.7%	Average
Fairview Lakes Medical Center	45	53.3%	39.1%	67.1%	Average
Mayo Clinic Health System Red Wing	45	53.3%	39.1%	67.1%	Average
Stillwater Medical Group - Curve Crest Clinic	47	53.2%	39.2%	66.7%	Average

\* Denotes a clinic submitted a sample instead of total population.

**Table 19.1: 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
<b>Statewide Average</b>	<b>11,374</b>	<b>52.3%</b>	<b>51.4%</b>	<b>53.2%</b>	
Fairview Burnsville Clinic	64	53.1%	41.1%	64.8%	Average
EH West Park Rapids Clinic	34	52.9%	36.7%	68.6%	Average
Allina Health - Richfield	36	52.8%	37.0%	68.0%	Average
+ North Memorial Heart & Vascular Institute	93	52.7%	42.6%	62.5%	Average
Fairview Brooklyn Park Clinic	42	52.4%	37.7%	66.6%	Average
NorthPoint Health & Wellness Center	87	51.7%	41.4%	61.9%	Average
+ Hennepin County Medical Center Clinics - Hennepin Heart Center	33	51.5%	35.2%	67.5%	Average
HealthEast Rice Street Clinic	82	51.2%	40.6%	61.7%	Average
Altru Health System - Main	47	51.1%	37.2%	64.7%	Average
Mayo Clinic Health System Mankato Eastridge	47	51.1%	37.2%	64.7%	Average
Sanford Fargo Heart Center	47	51.1%	37.2%	64.7%	Average
Mayo Clinic Health System Austin	69	50.7%	39.2%	62.2%	Average
+ CentraCare River Campus-CentraCare Heart & Vascular Center	52	50.0%	36.9%	63.1%	Average
EH East Duluth Clinic Main	55	49.1%	36.4%	61.9%	Average
CentraCare River Campus-Internal Medicine	47	48.9%	35.3%	62.8%	Average
University of MN Physicians - Phalen Village Family Medicine Clinic	39	48.7%	33.9%	63.8%	Average
HealthPartners Central Minnesota Clinics	31	48.4%	32.0%	65.2%	Average
University of Minnesota Physicians-Bethesda Family Medicine Clinic	48	47.9%	34.5%	61.7%	Average
Affiliated Community Medical Centers - Willmar Clinic	46	47.8%	34.1%	61.9%	Average
HealthPartners - Midway	44	47.7%	33.8%	62.1%	Average
EH East Duluth Clinic 1st St	65	47.7%	36.0%	59.6%	Average
Winona Health - Winona Clinic	59	47.5%	35.3%	60.0%	Average
Allina Health - Cottage Grove	32	46.9%	30.9%	63.6%	Average
CentraCare Clinic - Northway	30	46.7%	30.2%	63.9%	Average
Fairview Eagan Clinic	43	46.5%	32.5%	61.1%	Average
HealthEast Roselawn Clinic	54	46.3%	33.7%	59.4%	Average
St Luke's Clinics-Internal Medicine Associates	50	46.0%	33.0%	59.6%	Average
Tri-County Health Care - Wadena Clinic	38	44.7%	30.2%	60.3%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	34	44.1%	28.9%	60.6%	Average
HealthEast Downtown St. Paul Clinic	32	43.8%	28.2%	60.7%	Average
HealthPartners - Maplewood	32	43.8%	28.2%	60.7%	Average
HealthPartners - Regions Specialty Ctr	64	43.8%	32.3%	55.9%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	72	43.1%	32.3%	54.6%	Average
Family Medical Center	40	42.5%	28.5%	57.8%	Average
Olmsted Medical Center - Rochester Southeast	64	42.2%	30.9%	54.4%	Average
Allina Health - Cambridge	95	42.1%	32.7%	52.2%	Below
HCMC Clinics - Internal Medicine Clinic at Parkside	60	41.7%	30.1%	54.3%	Average
North Clinic - Oakdale Office in Robbinsdale	83	41.0%	31.0%	51.7%	Below
Grand Itasca Clinic	66	40.9%	29.9%	53.0%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	57	40.4%	28.6%	53.3%	Average
EH East Superior Clinic	33	39.4%	24.7%	56.3%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	45	37.8%	25.1%	52.4%	Average
Hennepin County Med. Ctr. Clinics - Downtown Medicine Clinic	315	36.5%	31.4%	42.0%	Below
HealthPartners - St Paul	66	36.4%	25.8%	48.4%	Below
Allina Health Specialties - New Ulm Medical Center	47	36.2%	24.0%	50.5%	Below
United Family Medicine	68	33.8%	23.7%	45.7%	Below
University of MN Physicians - Broadway Family Medicine Clinic	60	33.3%	22.7%	45.9%	Below
HealthPartners - University Ave	46	32.6%	20.9%	47.0%	Below
Bluestone Physician Services	39	28.2%	16.5%	43.8%	Below
Northwest Family Physicians - Crystal	33	27.3%	15.1%	44.2%	Below
Raiter Clinic-IHN	58	25.9%	16.4%	38.4%	Below
Open Cities Health (Dunlap) - Family Medicine	58	5.2%	1.8%	14.1%	Below

\* Denotes a clinic submitted a sample instead of total population.



**Table 19.2: 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
<b>Statewide Average</b>	<b>11,374</b>	<b>52.3%</b>	<b>51.4%</b>	<b>53.2%</b>	
Park Nicollet Health Services	462	65.6%	61.1%	69.8%	Above
University of Minnesota Physicians	844	63.2%	59.8%	66.3%	Above
Allina Health Specialties	953	60.0%	56.9%	63.1%	Above
Fairview Health Services	900	58.8%	55.5%	62.0%	Above
Mankato Clinic, Ltd.	67	58.2%	46.3%	69.3%	Average
Entira Family Clinics	149	57.7%	49.7%	65.4%	Average
Allina Health Clinics	1,089	56.9%	54.0%	59.8%	Above
Mayo Clinic Health System	541	56.2%	52.0%	60.3%	Average
Multicare Associates	50	56.0%	42.3%	68.8%	Average
Mayo Clinic	172	54.7%	47.2%	61.9%	Average
Sanford Health - Sioux Falls Region	197	54.3%	47.3%	61.1%	Average
FirstLight Health System	58	53.5%	40.8%	65.7%	Average
CentraCare Health	289	53.3%	47.5%	59.0%	Average
Fairview Mesaba Clinics	34	52.9%	36.7%	68.6%	Average
Alexandria Clinic	61	52.5%	40.2%	64.5%	Average
Sanford Health - Fargo Region	449	52.3%	47.7%	56.9%	Average
NorthPoint Health & Wellness Center	87	51.7%	41.4%	61.9%	Average
Altru Health System	99	51.5%	41.8%	61.1%	Average
North Memorial	321	51.4%	46.0%	56.8%	Average
Affiliated Community Medical Centers	137	51.1%	42.8%	59.3%	Average
HealthPartners Clinics	630	49.7%	45.8%	53.6%	Average
St. Luke's Clinics	199	49.3%	42.4%	56.1%	Average
Stillwater Medical Group	53	49.1%	36.1%	62.1%	Average
HealthPartners Central Minnesota Clinics	31	48.4%	32.0%	65.2%	Average
Essentia Health	744	47.9%	44.3%	51.4%	Below
Olmsted Medical Center	96	46.9%	37.2%	56.8%	Average
North Clinic	157	45.9%	38.3%	53.7%	Average
Winona Health Services	62	45.2%	33.4%	57.5%	Average
Integrity Health Network	157	44.0%	36.4%	51.8%	Below
Unity Family Healthcare, Family Medical Center	40	42.5%	28.5%	57.8%	Average
Ridgeview Clinics	75	41.3%	30.9%	52.6%	Average
Tri-County Health Care	46	41.3%	28.3%	55.7%	Average
Grand Itasca Clinic	66	40.9%	29.9%	53.0%	Average
Hennepin County Medical Center (HCMC) Clinics	649	39.0%	35.3%	42.8%	Below
Lake Region Healthcare	52	38.5%	26.5%	52.0%	Below
Riverwood Healthcare Center	45	37.8%	25.1%	52.4%	Average
United Family Medicine	68	33.8%	23.7%	45.7%	Below
Scenic Rivers Health Services	30	33.3%	19.2%	51.2%	Below
Avera Medical Group	35	31.4%	18.6%	48.0%	Below
Northwest Family Physicians	57	29.8%	19.5%	42.7%	Below
West Side Community Health Services	46	28.3%	17.3%	42.6%	Below
Bluestone Physician Services	39	28.2%	16.5%	43.8%	Below
Cedar Riverside People's Center	31	22.6%	11.4%	39.8%	Below
Open Cities Health Center	58	5.2%	1.8%	14.1%	Below

**Table 20: 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
<b>Statewide Average</b>	<b>21,766</b>	<b>4.8%</b>	<b>4.6%</b>	<b>5.1%</b>	
Entira Family Clinics - West St. Paul	36	30.6%	18.0%	46.9%	Above
Park Nicollet Clinic - Carlson	37	21.6%	11.4%	37.2%	Above
Park Nicollet Clinic - Bloomington	35	20.0%	10.0%	35.9%	Above
Park Nicollet Clinic - Minneapolis	47	19.2%	10.4%	32.5%	Above
HealthPartners - Arden Hills	32	18.8%	8.9%	35.3%	Above
HealthPartners - Maplewood	55	18.2%	10.2%	30.3%	Above
○ HealthPartners - Regions BH Maplewood	50	18.0%	9.8%	30.8%	Above
Park Nicollet Clinic - Eagan	66	16.7%	9.6%	27.4%	Above
Entira Family Clinics - White Bear Lake/Banning Ave	37	16.2%	7.7%	31.1%	Above
Allina Health - Farmington	33	15.2%	6.7%	30.9%	Above
Fairview Andover Clinic	97	14.4%	8.8%	22.8%	Above
○ HealthPartners - Riverside Behav Hlth	42	14.3%	6.7%	27.8%	Above
EH West Detroit Lakes Clinic	131	13.7%	8.9%	20.7%	Above
Allina Health - West St. Paul	103	13.6%	8.3%	21.5%	Above
Allina Health - Elk River	30	13.3%	5.3%	29.7%	Above
Allina Health - Buffalo	117	12.8%	7.9%	20.1%	Above
Allina Health - Burnsville (Quello)	47	12.8%	6.0%	25.2%	Above
Allina Health - Shoreview	41	12.2%	5.3%	25.5%	Above
HealthPartners - Lino Lakes	34	11.8%	4.7%	26.6%	Average
Mankato Clinic - North Mankato	43	11.6%	5.1%	24.5%	Above
Allina Health - Centennial Lakes (Quello)	35	11.4%	4.5%	26.0%	Average
Boynton Health Service	36	11.1%	4.4%	25.3%	Average
EH East Superior Clinic	56	10.7%	5.0%	21.5%	Above
Allina Health - Cambridge	217	10.6%	7.2%	15.4%	Above
CentraCare Clinic- Big Lake	38	10.5%	4.2%	24.1%	Average
Stillwater Medical Group - Curve Crest Clinic	134	10.5%	6.3%	16.8%	Above
Fairview Zimmerman Clinic	58	10.3%	4.8%	20.8%	Average
Entira Family Clinics - Woodbury	39	10.3%	4.1%	23.6%	Average
Allina Health - Uptown	49	10.2%	4.4%	21.8%	Average
HealthPartners - White Bear Lake	30	10.0%	3.5%	25.6%	Average
Park Nicollet Clinic - Brookdale	72	9.7%	4.8%	18.7%	Average
Fairview Hugo Clinic	31	9.7%	3.4%	24.9%	Average
Fairview Prior Lake Clinic	31	9.7%	3.4%	24.9%	Average
○ Mankato Clinic - Department of Psychiatry & Psychology	95	9.5%	5.1%	17.0%	Above
Allina Health - Woodbury	86	9.3%	4.8%	17.3%	Average
Allina Health - First Street	97	9.3%	5.0%	16.7%	Above
Allina Health - Ramsey	55	9.1%	4.0%	19.6%	Average
○ Woodland Centers - Montevideo	46	8.7%	3.4%	20.3%	Average
Fairview Elk River Clinic	58	8.6%	3.7%	18.6%	Average
Park Nicollet Clinic - Shakopee	94	8.5%	4.4%	15.9%	Average
Allina Health - Fridley	59	8.5%	3.7%	18.4%	Average
Allina Health - Eagan	60	8.3%	3.6%	18.1%	Average
Allina Health - Plymouth	49	8.2%	3.2%	19.2%	Average
Entira Family Clinics - Maplewood/Battle Creek	37	8.1%	2.8%	21.3%	Average
○ Park Nicollet Clinic - St. Louis Park Psychiatry	323	8.1%	5.6%	11.5%	Above
Allina Health - Forest Lake	38	7.9%	2.7%	20.8%	Average
Allina Health - Cottage Grove	115	7.8%	4.2%	14.2%	Average
○ HealthPartners - Regions BH Woodbury	39	7.7%	2.7%	20.3%	Average
Entira Family Clinics - North St. Paul	52	7.7%	3.0%	18.2%	Average
North Memorial Clinic - Camden	39	7.7%	2.7%	20.3%	Average

**Table 20: 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
<b>Statewide Average</b>	<b>21,766</b>	<b>4.8%</b>	<b>4.6%</b>	<b>5.1%</b>	
Fairview Uptown Clinic	53	7.6%	3.0%	17.9%	Average
Allina Health Specialties - New Ulm Medical Center	106	7.6%	3.9%	14.2%	Average
Fairview Lino Lakes Clinic	55	7.3%	2.9%	17.3%	Average
West Side Community Health Services - La Clinica	55	7.3%	2.9%	17.3%	Average
Native American Community Clinic	195	7.2%	4.3%	11.7%	Average
HealthPartners - Bloomington	56	7.1%	2.8%	17.0%	Average
Northwest Family Physicians - Crystal	98	7.1%	3.5%	14.0%	Average
Affiliated Community Medical Centers - Redwood Falls Clinic	58	6.9%	2.7%	16.4%	Average
Allina Health - Coon Rapids	293	6.8%	4.5%	10.3%	Average
Fairview Columbia Heights Clinic	133	6.8%	3.6%	12.4%	Average
Mayo Clinic - Northeast	31	6.5%	1.8%	20.7%	Average
Mille Lacs Health System - Onamia	31	6.5%	1.8%	20.7%	Average
○ Allina Health Specialties - Allina Mental Health United	48	6.3%	2.2%	16.8%	Average
Allina Health - Shakopee	80	6.3%	2.7%	13.8%	Average
Allina Health - East Lake Street (Aspen)	32	6.3%	1.7%	20.2%	Average
EH East Deer River Clinic	32	6.3%	1.7%	20.2%	Average
HealthPartners - St Paul	114	6.1%	3.0%	12.1%	Average
Affiliated Community Medical Centers- Marshall Clinic	66	6.1%	2.4%	14.6%	Average
FirstLight Health System - Mora	85	5.9%	2.5%	13.0%	Average
Mayo Clinic Health System Albert Lea	103	5.8%	2.7%	12.1%	Average
Allina Health - Champlin	52	5.8%	2.0%	15.6%	Average
HealthPartners - Coon Rapids	70	5.7%	2.2%	13.8%	Average
CentraCare Clinic - Northway	70	5.7%	2.2%	13.8%	Average
○ Olmsted Medical Center - Rochester Southeast - Psychiatry	106	5.7%	2.6%	11.8%	Average
Fairview New Brighton Clinic	71	5.6%	2.2%	13.6%	Average
Allina Health - Faribault	107	5.6%	2.6%	11.7%	Average
EH East Hayward Clinic	36	5.6%	1.5%	18.1%	Average
Fairview Princeton Clinic	128	5.5%	2.7%	10.9%	Average
Fairview Bass Lake Clinic	37	5.4%	1.5%	17.7%	Average
CentraCare Health- Long Prairie	37	5.4%	1.5%	17.7%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	112	5.4%	2.5%	11.2%	Average
Sanford Thief River Falls Clinic	57	5.3%	1.8%	14.4%	Average
Zumbro Valley Health Center - Family Medicine	114	5.3%	2.4%	11.0%	Average
Mayo Clinic Health System Mankato Eastridge	134	5.2%	2.6%	10.4%	Average
Affiliated Community Medical Centers - Willmar Clinic	173	5.2%	2.8%	9.6%	Average
○ St. Cloud Hospital - Behavioral Health Clinic	173	5.2%	2.8%	9.6%	Average
HealthPartners - Inver Grove Behav Hlth	58	5.2%	1.8%	14.1%	Average
Park Nicollet Clinic and Specialty Center - Maple Grove	39	5.1%	1.4%	16.9%	Average
○ Minnesota Mental Health Clinics- Maplewood Clinic	39	5.1%	1.4%	16.9%	Average
Allina Health - Maplewood (Aspen)	99	5.1%	2.2%	11.3%	Average
Fairview Riverside	40	5.0%	1.4%	16.5%	Average
○ Hamm Clinic	40	5.0%	1.4%	16.5%	Average
○ EH Central Lakeland Psychiatry Clinic	40	5.0%	1.4%	16.5%	Average
Olmsted Medical Center - Rochester Southeast	161	5.0%	2.5%	9.5%	Average
Mayo Clinic Health System Austin	81	4.9%	1.9%	12.0%	Average
HealthPartners Central Minnesota Clinics	102	4.9%	2.1%	11.0%	Average
Fairview Lakes Medical Center	144	4.9%	2.4%	9.7%	Average
○ HealthPartners - Regions BH St Paul	42	4.8%	1.3%	15.8%	Average
Allina Health - Bloomington (Aspen)	63	4.8%	1.6%	13.1%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	42	4.8%	1.3%	15.8%	Average



**Table 20: 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
<b>Statewide Average</b>	<b>21,766</b>	<b>4.8%</b>	<b>4.6%</b>	<b>5.1%</b>	
○ Minnesota Mental Health Clinics - Eagan Clinic	211	4.7%	2.6%	8.5%	Average
Fairview Burnsville Clinic	66	4.6%	1.6%	12.5%	Average
Fairview Bloomington Lake Minneapolis	44	4.6%	1.3%	15.1%	Average
Allina Health - Nicollet Mall	44	4.6%	1.3%	15.1%	Average
Allina Health - Bandana Square (Aspen)	89	4.5%	1.8%	11.0%	Average
Allina Health - Richfield	67	4.5%	1.5%	12.4%	Average
Allina Health - Northfield	113	4.4%	1.9%	9.9%	Average
CentraCare Health Plaza-Family Medicine	68	4.4%	1.5%	12.2%	Average
HealthPartners - West	46	4.4%	1.2%	14.5%	Average
EH Central Baxter Clinic	70	4.3%	1.5%	11.9%	Average
○ Allina Health Specialties - Allina Mental Health Unity	95	4.2%	1.7%	10.3%	Average
Entira Family Clinics - Vadnais Heights	48	4.2%	1.2%	14.0%	Average
○ Sanford Fargo Professional Building - Behavioral Health	48	4.2%	1.2%	14.0%	Average
HealthPartners - Anoka	50	4.0%	1.1%	13.5%	Average
EH East Duluth Clinic 1st St	76	4.0%	1.4%	11.0%	Average
Fairview Highland Park Clinic	51	3.9%	1.1%	13.2%	Average
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Mountain Iron	52	3.9%	1.1%	13.0%	Average
Fairview Riverside Primary Care Clinic	53	3.8%	1.0%	12.8%	Average
Fairview Oxboro Clinic	56	3.6%	1.0%	12.1%	Average
Mankato Clinic - Main Street	84	3.6%	1.2%	10.0%	Average
○ Woodland Centers - Willmar	113	3.5%	1.4%	8.8%	Average
○ Western Mental Health Center, Inc.	57	3.5%	1.0%	11.9%	Average
Fairview North Branch Clinic	58	3.5%	1.0%	11.7%	Average
Allina Health - Brooklyn Park	58	3.5%	1.0%	11.7%	Average
Fairview Rush City Clinic	30	3.3%	0.6%	16.7%	Average
Fairview Lakeville Clinic	31	3.2%	0.6%	16.2%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	94	3.2%	1.1%	9.0%	Average
NorthPoint Health & Wellness Center	348	3.2%	1.8%	5.6%	Average
Family Life Center	129	3.1%	1.2%	7.7%	Average
Fairview Fridley Clinic	98	3.1%	1.1%	8.6%	Average
Range Regional Health Svcs. dba Fairview Mesaba Clinic - Hibbing	98	3.1%	1.1%	8.6%	Average
Allina Health - Maple Grove	33	3.0%	0.5%	15.3%	Average
EH East Virginia Clinic	33	3.0%	0.5%	15.3%	Average
St. Cloud Medical Group - NW- IHN	100	3.0%	1.0%	8.5%	Average
○ Associated Clinic of Psychology-Minneapolis	301	3.0%	1.6%	5.6%	Average
Mayo Clinic Health System Owatonna	169	3.0%	1.3%	6.7%	Average
○ HealthPartners - West Behav Hlth	34	2.9%	0.5%	14.9%	Average
St. Cloud Medical Group - South -IHN	68	2.9%	0.8%	10.1%	Average
Fairview EdenCenter Clinic	35	2.9%	0.5%	14.5%	Average
Fairview Brooklyn Park Clinic	142	2.8%	1.1%	7.0%	Average
Mayo Clinic Health System Le Sueur	36	2.8%	0.5%	14.2%	Average
Allina Health - St. Michael	36	2.8%	0.5%	14.2%	Average
West Side Community Health Services - McDonough Homes Clinic	36	2.8%	0.5%	14.2%	Average
○ Minnesota Mental Health Clinics- Woodbury Clinic	73	2.7%	0.8%	9.5%	Average
United Family Medicine	147	2.7%	1.1%	6.8%	Average
North Memorial Clinic, Silver Lake - St. Anthony	37	2.7%	0.5%	13.8%	Average
Raiter Clinic-IHN	37	2.7%	0.5%	13.8%	Average
Allina Health - Blaine	37	2.7%	0.5%	13.8%	Average
Fairview Milaca Clinic	77	2.6%	0.7%	9.0%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	77	2.6%	0.7%	9.0%	Average

**Table 20: 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
Statewide Average	21,766	4.8%	4.6%	5.1%	
Park Nicollet Clinic - Burnsville	80	2.5%	0.7%	8.7%	Average
EH East Lakeside Clinic	40	2.5%	0.4%	12.9%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	285	2.5%	1.2%	5.0%	Average
Chippewa County Montevideo Hospital & Medical Clinic	41	2.4%	0.4%	12.6%	Average
Mayo Clinic - Baldwin Building, Family Medicine	41	2.4%	0.4%	12.6%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	41	2.4%	0.4%	12.6%	Average
EH East Duluth Clinic	43	2.3%	0.4%	12.1%	Average
Fairview Eagan Clinic	44	2.3%	0.4%	11.8%	Average
Fairview Bloomington Lake Xerxes	45	2.2%	0.4%	11.6%	Average
○ Allina Health Specialties - Allina Mental Health Mpls Abbott	45	2.2%	0.4%	11.6%	Average
EH Central Brainerd Clinic	45	2.2%	0.4%	11.6%	Average
HealthPartners - Riverside	46	2.2%	0.4%	11.3%	Average
Fairview Blaine Clinic	46	2.2%	0.4%	11.3%	Average
Allina Health - Nininger Road	46	2.2%	0.4%	11.3%	Average
○ Northern Psychiatric Associates	46	2.2%	0.4%	11.3%	Average
○ Associates in Psychiatry & Psychology-Rochester	46	2.2%	0.4%	11.3%	Average
EH West Fosston Clinic	46	2.2%	0.4%	11.3%	Average
○ South Central Human Relations Center	139	2.2%	0.7%	6.2%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	93	2.2%	0.6%	7.5%	Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	47	2.1%	0.4%	11.1%	Average
Buffalo Clinic-IHN	47	2.1%	0.4%	11.1%	Average
Fairview Apple Valley Clinic	95	2.1%	0.6%	7.4%	Average
Fairview Chisago Lakes Clinic	48	2.1%	0.4%	10.9%	Average
HealthPartners - Woodbury	50	2.0%	0.4%	10.5%	Average
Mayo Clinic Health System St. Peter	50	2.0%	0.4%	10.5%	Average
Mayo Clinic - Speciality Practice	100	2.0%	0.6%	7.0%	Average
EH West Park Rapids Clinic	50	2.0%	0.4%	10.5%	Average
Mankato Clinic - Wickersham Campus	52	1.9%	0.3%	10.1%	Average
○ Avera Marshall Psychiatry Associates	53	1.9%	0.3%	9.9%	Average
○ Lakeland Mental Health Center - Fergus Falls	56	1.8%	0.3%	9.5%	Average
Lake Superior Community Health Center - Duluth	58	1.7%	0.3%	9.1%	Average
Mayo Clinic Health System Fairmont	123	1.6%	0.5%	5.7%	Average
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	64	1.6%	0.3%	8.3%	Average
Fairview Hiawatha Clinic	65	1.5%	0.3%	8.2%	Average
Open Door Health Center	65	1.5%	0.3%	8.2%	Average
HealthPartners - Como	66	1.5%	0.3%	8.1%	Average
Mayo Clinic Health System Mankato Northridge	69	1.5%	0.3%	7.8%	Average
○ Southwestern Mental Health Center Avera - Worthington	69	1.5%	0.3%	7.8%	Average
Mayo Clinic Health System Red Wing	75	1.3%	0.2%	7.2%	Average
Family Practice Medical Center of Willmar	79	1.3%	0.2%	6.8%	Average
Entira Family Clinics - East Side	80	1.3%	0.2%	6.8%	Average
University of MN Physicians - Broadway Family Medicine Clinic	163	1.2%	0.3%	4.4%	Below
○ Associated Clinic of Psychology-West St. Paul	176	1.1%	0.3%	4.1%	Below
Duluth Family Medicine Clinic	89	1.1%	0.2%	6.1%	Average
○ University of Minnesota Health - Psychiatry Clinic	92	1.1%	0.2%	5.9%	Average
University of MN Physicians - Phalen Village Family Medicine Clinic	107	0.9%	0.2%	5.1%	Average
○ Ramsey County Mental Health Center	125	0.8%	0.1%	4.4%	Below
University of MN Physicians - Bethesda Family Medicine Clinic	150	0.7%	0.1%	3.7%	Below
Grand Itasca Clinic	216	0.5%	0.1%	2.6%	Below
HealthPartners - Brooklyn Center	62	0.0%	0.0%	5.8%	Average

**Table 20: 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
<b>Statewide Average</b>	<b>21,766</b>	<b>4.8%</b>	<b>4.6%</b>	<b>5.1%</b>	
Fairview Crosstown Clinic	43	0.0%	0.0%	8.2%	Average
Fairview Maple Grove Medical Center	32	0.0%	0.0%	10.7%	Average
Entira Family Clinics - Como/Roseville	41	0.0%	0.0%	8.6%	Average
HealthEast Grand Avenue Clinic	41	0.0%	0.0%	8.6%	Average
HealthEast Rice Street Clinic	46	0.0%	0.0%	7.7%	Average
HealthEast Roselawn Clinic	37	0.0%	0.0%	9.4%	Average
HealthEast Oakdale	40	0.0%	0.0%	8.8%	Average
HealthEast Roseville Clinic	54	0.0%	0.0%	6.6%	Average
North Memorial Clinic - Golden Valley Physicians	33	0.0%	0.0%	10.4%	Average
North Memorial Clinic - Brooklyn Center Physicians	34	0.0%	0.0%	10.2%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	34	0.0%	0.0%	10.2%	Average
Sanford Bemidji Main Clinic - Family Medicine	42	0.0%	0.0%	8.4%	Average
Sanford Bemidji 1611 Anne St Clinic	30	0.0%	0.0%	11.4%	Average
Sanford Bagley Clinic	30	0.0%	0.0%	11.4%	Average
North Clinic - Oakdale Office in Robbinsdale	63	0.0%	0.0%	5.8%	Average
Olmsted Medical Center - Rochester Northwest	36	0.0%	0.0%	9.6%	Average
Winona Health - Winona Clinic	66	0.0%	0.0%	5.5%	Average
Mayo Clinic Health System Lake Crystal	38	0.0%	0.0%	9.2%	Average
Buffalo Clinic-Monticello: IHN	34	0.0%	0.0%	10.2%	Average
○ St Luke's Outpatient Mental Health	31	0.0%	0.0%	11.0%	Average
Family Medical Center	30	0.0%	0.0%	11.4%	Average
Apple Valley Medical Clinic - Family Practice	60	0.0%	0.0%	6.0%	Average
Stevens Community Medical Center	52	0.0%	0.0%	6.9%	Average
Cedar Riverside People's Center - People's Center Medical Clinic	55	0.0%	0.0%	6.5%	Average
Allina Health - Chaska	33	0.0%	0.0%	10.4%	Average
Hennepin Co. Med. Ctr. (HCMC) Clinics - Downtown Medicine Clinic	140	0.0%	0.0%	2.7%	Below
Glencoe Regional Health Services - Glencoe	32	0.0%	0.0%	10.7%	Average
Gateway Family Health Clinic - Moose Lake	35	0.0%	0.0%	9.9%	Average
Gateway Family Health Clinic - Sandstone	36	0.0%	0.0%	9.6%	Average
○ Hutchinson Health - Mental Health Clinic	63	0.0%	0.0%	5.8%	Average
Hutchinson Health - Hutchinson Clinic	78	0.0%	0.0%	4.7%	Below
Neighborhood HealthSource - Fremont Clinic	42	0.0%	0.0%	8.4%	Average
Community-University Health Care Center	33	0.0%	0.0%	10.4%	Average
West Side Community Health Services - East Side Family Clinic	54	0.0%	0.0%	6.6%	Average
○ Lakeland Mental Health Center - Alexandria	46	0.0%	0.0%	7.7%	Average
○ Lakeland Mental Health Center - Detroit Lakes	40	0.0%	0.0%	8.8%	Average
○ Lakeland Mental Health Center - Moorhead	117	0.0%	0.0%	3.2%	Below
○ Associated Clinic of Psychology-Apple Valley	89	0.0%	0.0%	4.1%	Below
○ Associated Clinic of Psychology-Brooklyn Center	58	0.0%	0.0%	6.2%	Average
○ Stark Mental Health Clinic	78	0.0%	0.0%	4.7%	Below
Hudson Physicians	56	0.0%	0.0%	6.4%	Average



**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
Statewide Average	15,438	58.3%	57.5%	59.0%	
Park Nicollet Clinic - Bloomington	43	88.4%	75.5%	94.9%	Above
# South Lake Pediatrics - Childrens West	33	87.9%	72.7%	95.2%	Above
■ Advancements in Allergy and Asthma Care, Ltd.	43	83.7%	70.0%	91.9%	Above
Allina Health - Bloomington (Aspen)	48	83.3%	70.4%	91.3%	Above
# CentraCare Health Plaza- Pediatrics	345	81.5%	77.0%	85.2%	Above
Mankato Clinic - Daniel's Health Center	36	80.6%	65.0%	90.3%	Above
Allina Health - Ramsey	35	80.0%	64.1%	90.0%	Above
# Central Pediatrics St. Paul	30	80.0%	62.7%	90.5%	Above
HealthPartners - Woodbury	88	79.6%	70.0%	86.7%	Above
Allina Health - West St. Paul	38	79.0%	63.7%	88.9%	Above
Mayo Clinic Health System Faribault Hwy 60	37	78.4%	62.8%	88.6%	Above
# Central Pediatrics Woodbury	37	78.4%	62.8%	88.6%	Above
Fairview Elk River Clinic	63	77.8%	66.1%	86.3%	Above
# Children's Speciality Clinic - Minneapolis	112	77.7%	69.1%	84.4%	Above
Park Nicollet Clinic - Shakopee	93	77.4%	67.9%	84.7%	Above
# South Lake Pediatrics - Eden Prairie	44	77.3%	63.0%	87.2%	Above
HealthPartners - Coon Rapids	61	77.1%	65.1%	85.8%	Above
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	117	76.9%	68.5%	83.6%	Above
HealthPartners - White Bear Lake	38	76.3%	60.8%	87.0%	Above
Mayo Clinic Health System Albert Lea	63	76.2%	64.4%	85.0%	Above
Fairview Oxboro Clinic	139	75.5%	67.8%	81.9%	Above
Park Nicollet Clinic and Specialty Center - Maple Grove	36	75.0%	58.9%	86.3%	Above
# Fairview Children's Clinic	169	74.6%	67.5%	80.5%	Above
HealthPartners - Anoka	74	74.3%	63.4%	82.9%	Above
Sanford Bemidji 1611 Anne St Clinic - Pediatrics	31	74.2%	56.8%	86.3%	Average
# Metropolitan Pediatric Specialists - Shakopee	58	74.1%	61.6%	83.7%	Above
HealthPartners - Maplewood	154	74.0%	66.6%	80.3%	Above
Metropolitan Pediatric Specialists - Edina	42	73.8%	58.9%	84.7%	Above
# Fridley Children's & Teenagers' Medical Center	38	73.7%	58.0%	85.0%	Average
Fairview Lakes Medical Center	53	73.6%	60.4%	83.6%	Above
Mayo Clinic Health System Owatonna	41	73.2%	58.1%	84.3%	Average
Allina Health Specialties - New Ulm Medical Center	52	73.1%	59.8%	83.2%	Above
Hennepin County Med. Ctr. Clinics - Golden Valley Clinic	33	72.7%	55.8%	84.9%	Average
Mayo Clinic Health System Austin	87	72.4%	62.2%	80.7%	Above
Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic	72	72.2%	61.0%	81.2%	Above
# Children's Respiratory & Critical Care Specialists - St Paul	254	72.1%	66.2%	77.2%	Above
# Partners in Pediatrics Calhoun	32	71.9%	54.6%	84.4%	Average
Olmsted Medical Center - Rochester Southeast	109	71.6%	62.5%	79.2%	Above
Sanford Sioux Falls Children's Clinic 69th & Louise Clinic	52	71.2%	57.7%	81.7%	Average
# Hennepin County Med. Ctr. Clinics - Downtown Pediatric Clinic	641	71.0%	67.4%	74.4%	Above
Allina Health - Northfield	31	71.0%	53.4%	83.9%	Average
HealthPartners - Brooklyn Center	165	70.9%	63.6%	77.3%	Above
■ Allergy, Asthma & Immunology - Shoreview	55	70.9%	57.9%	81.2%	Average
Allina Health - Buffalo	41	70.7%	55.5%	82.4%	Average
Affiliated Community Medical Centers - Willmar Clinic	99	70.7%	61.1%	78.8%	Above

**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
Statewide Average	15,438	58.3%	57.5%	59.0%	
Park Nicollet Clinic - Eagan	58	70.7%	58.0%	80.8%	Average
EH West Detroit Lakes Clinic	34	70.6%	53.8%	83.2%	Average
HealthPartners Central Minnesota Clinics	91	70.3%	60.3%	78.7%	Above
Affiliated Community Medical Centers- Marshall Clinic	63	69.8%	57.6%	79.8%	Average
CentraCare Health- Family Health Center	33	69.7%	52.7%	82.6%	Average
EH East Duluth Clinic 1st St	206	68.9%	62.3%	74.9%	Above
Fairview Burnsville Clinic	74	68.9%	57.7%	78.3%	Average
#Metropolitan Pediatric Specialists - Burnsville	77	68.8%	57.8%	78.1%	Average
■ Allergy & Asthma Specialists, PA - Plymouth West Health	38	68.4%	52.5%	80.9%	Average
#Children's Respiratory & Critical Care Specialists - Minnetonka	79	68.4%	57.5%	77.6%	Average
HealthPartners - Arden Hills	31	67.7%	50.1%	81.4%	Average
HealthPartners - Riverside	114	67.5%	58.5%	75.4%	Above
#Children's West St. Paul Clinic	46	67.4%	53.0%	79.1%	Average
#Children's Respiratory & Critical Care Specialists - Minneapolis	274	67.2%	61.4%	72.4%	Above
#Children's Speciality Clinic - St. Paul	130	66.9%	58.5%	74.4%	Above
Allina Health - Coon Rapids	160	66.9%	59.3%	73.7%	Above
EH Central Baxter Clinic	51	66.7%	53.0%	78.0%	Average
Park Nicollet Clinic - Burnsville	128	66.4%	57.9%	74.0%	Average
Mayo Clinic - Baldwin Building, Pediatrics	74	66.2%	54.9%	76.0%	Average
Hennepin County Med. Ctr. Clinics - Brooklyn Park Clinic	121	66.1%	57.3%	73.9%	Average
Native American Community Clinic	73	65.8%	54.3%	75.6%	Average
Mayo Clinic - Specialty Practice	32	65.6%	48.3%	79.6%	Average
HealthPartners - Bloomington	61	65.6%	53.1%	76.3%	Average
Allina Health - First Street	55	65.5%	52.3%	76.6%	Average
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	46	65.2%	50.8%	77.3%	Average
#Mankato Clinic - Children's Health Center	117	65.0%	56.0%	73.0%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	128	64.8%	56.3%	72.6%	Average
Fairview Columbia Heights Clinic	67	64.2%	52.2%	74.6%	Average
EH East Superior Clinic	33	63.6%	46.6%	77.8%	Average
Grand Itasca Clinic	90	63.3%	53.0%	72.6%	Average
Mayo Clinic Health System Mankato Specialty Clinic	48	62.5%	48.4%	74.8%	Average
#Sanford Fargo Children's Southwest Clinic	75	61.3%	50.0%	71.5%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	139	61.2%	52.9%	68.9%	Average
HealthPartners - Inver Grove Heights	36	61.1%	44.9%	75.2%	Average
Allina Health - Woodbury	33	60.6%	43.7%	75.3%	Average
Allina Health - Richfield	38	60.5%	44.7%	74.4%	Average
Sanford Fargo Southpointe Clinic - Specialty Clinics	91	60.4%	50.2%	69.9%	Average
Alexandria Clinic, A Service of Douglas County Hospital	58	60.3%	47.5%	71.9%	Average
HealthPartners - Como	93	60.2%	50.1%	69.6%	Average
EH West Park Rapids Clinic	45	60.0%	45.5%	73.0%	Average
EH West South University Clinic	57	59.7%	46.7%	71.4%	Average
Sanford Sioux Falls Children's Specialty Clinic	199	59.3%	52.4%	65.9%	Average
#Children's General Pediatric Clinic - Minneapolis	539	59.0%	54.8%	63.1%	Average
Allina Health - East Lake Street (Aspen)	36	58.3%	42.2%	72.9%	Average
Park Nicollet Clinic - Brookdale	191	58.1%	51.0%	64.9%	Average



**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
Statewide Average	15,438	58.3%	57.5%	59.0%	
HealthPartners - Midway	145	57.2%	49.1%	65.0%	Average
Allina Health - Cottage Grove	37	56.8%	40.9%	71.3%	Average
Sanford Worthington Clinic	52	55.8%	42.3%	68.4%	Average
HealthPartners - St Paul	178	55.6%	48.3%	62.7%	Average
Sanford Moorhead Clinic - Pediatrics	45	55.6%	41.2%	69.1%	Average
Allina Health - Bandana Square (Aspen)	67	55.2%	43.4%	66.5%	Average
Hennepin County Medical Center (HCMC) Clinics-East Lake Clinic	40	55.0%	39.8%	69.3%	Average
Park Nicollet Clinic - Plymouth	33	54.6%	38.0%	70.2%	Average
Allina Health - Faribault	70	54.3%	42.7%	65.4%	Average
Park Nicollet Clinic - Chanhassen	41	53.7%	38.8%	67.9%	Average
EH East Hayward Clinic	34	52.9%	36.7%	68.6%	Average
Allina Health - Cambridge	101	52.5%	42.8%	61.9%	Average
HealthEast Tamarack Clinic Woodbury	52	51.9%	38.7%	64.9%	Average
Fairview Fridley Clinic	42	50.0%	35.5%	64.5%	Average
#Children's General Pediatric Clinic - St. Paul	312	48.4%	42.9%	53.9%	Below
Allina Health - Inver Grove Heights (Aspen)	31	48.4%	32.0%	65.2%	Average
Park Nicollet Clinic - Minneapolis	122	48.4%	39.7%	57.1%	Below
Fairview Brooklyn Park Clinic	65	47.7%	36.0%	59.6%	Average
University of MN Physicians - Bethesda Family Medicine Clinic	101	47.5%	38.1%	57.2%	Below
#Partners in Pediatrics Brooklyn Park	53	47.2%	34.4%	60.3%	Average
#Partners in Pediatrics Maple Grove	45	46.7%	32.9%	60.9%	Average
University of MN Physician - Phalen Village Family Medicine Clinic	36	44.4%	29.5%	60.4%	Average
HealthEast Roselawn Clinic	50	44.0%	31.2%	57.7%	Below
University of Minnesota Health - Smiley's Family Medicine Clinic	66	43.9%	32.6%	55.9%	Below
Sanford Sioux Falls Children's Clinic	113	43.4%	34.6%	52.6%	Below
HealthPartners - Apple Valley	44	43.2%	29.7%	57.8%	Below
HealthEast Maplewood Clinic	77	40.3%	30.0%	51.4%	Below
#University of MNHealth - Discovery Clinic - Pediatric Specialties	49	38.8%	26.4%	52.8%	Below
West Side Community Health Services - East Side Family Clinic	119	38.7%	30.4%	47.6%	Below
NorthPoint Health & Wellness Center	169	37.3%	30.4%	44.8%	Below
Community-University Health Care Center	81	37.0%	27.3%	47.9%	Below
Family Medical Center	46	32.6%	20.9%	47.0%	Below
Stellis Health-Monticello: IHN	34	32.4%	19.1%	49.2%	Below
HealthEast Rice Street Clinic	50	30.0%	19.1%	43.8%	Below
University of MN Physicians - Broadway Family Medicine Clinic	128	29.7%	22.5%	38.1%	Below
Sanford Aberdeen Clinic	35	28.6%	16.3%	45.1%	Below
#St Luke's Clinics-Pediatrics	56	26.8%	17.0%	39.6%	Below
West Side Community Health Services - La Clinica	48	22.9%	13.3%	36.5%	Below
United Family Medicine	79	21.5%	13.9%	31.8%	Below
Winona Health - Winona Clinic	78	16.7%	10.0%	26.5%	Below
Open Cities Health (Dunlap) - Family Medicine	45	15.6%	7.8%	28.8%	Below
Stellis Health- Buffalo-IHN	40	12.5%	5.5%	26.1%	Below
Hutchinson Health - Hutchinson Clinic	39	10.3%	4.1%	23.6%	Below
Altru Health System - Main	76	0.0%	0.0%	4.8%	Below

**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
Statewide Average	15,438	58.3%	57.5%	59.0%	
# Wayzata Children's Clinic	60	86.7%	75.8%	93.1%	Above
■ Advancements in Allergy and Asthma Care	43	83.7%	70.0%	91.9%	Above
# South Lake Pediatrics	185	83.2%	77.2%	87.9%	Above
# Central Pediatrics	67	79.1%	67.9%	87.1%	Above
CentraCare Health	471	78.6%	74.6%	82.0%	Above
# Fridley Children's & Teenagers' Medical Center - CPN	38	73.7%	58.0%	85.0%	Average
Allina Health Specialties	56	73.2%	60.4%	83.0%	Above
Olmsted Medical Center	154	72.7%	65.2%	79.1%	Above
■ Allergy, Asthma & Immunology Clinic	55	70.9%	57.9%	81.2%	Average
HealthPartners Central Minnesota Clinics	91	70.3%	60.3%	78.7%	Above
Mankato Clinic, Ltd.	189	69.8%	63.0%	75.9%	Above
# Children's Respiratory & Critical Care Specialists	607	69.4%	65.6%	72.9%	Above
Hennepin County Medical Center (HCMC) Clinics	1,115	68.1%	65.3%	70.7%	Above
Affiliated Community Medical Centers	218	67.0%	60.5%	72.9%	Above
HealthPartners Clinics	1,413	66.3%	63.8%	68.7%	Above
Native American Community Clinic	73	65.8%	54.3%	75.6%	Average
Fairview Health Services	1,077	65.7%	62.9%	68.5%	Above
■ Allergy & Asthma Specialists, PA	104	65.4%	55.8%	73.8%	Average
Park Nicollet Health Services	1,027	65.2%	62.3%	68.1%	Above
Mayo Clinic	148	64.9%	56.9%	72.1%	Average
Mayo Clinic Health System	441	64.9%	60.3%	69.2%	Above
Grand Itasca Clinic	90	63.3%	53.0%	72.6%	Average
Allina Health Clinics	1,158	62.3%	59.4%	65.0%	Above
Essentia Health	795	61.5%	58.1%	64.8%	Average
Alexandria Clinic	62	61.3%	48.9%	72.4%	Average
# Children's   Minnesota	1,500	59.9%	57.4%	62.4%	Average
Sanford Health - Sioux Falls Region	772	54.9%	51.4%	58.4%	Average
Sanford Health - Fargo Region	500	50.4%	46.0%	54.8%	Below
University of Minnesota Physicians	395	40.3%	35.5%	45.2%	Below
North Memorial	75	38.7%	28.5%	50.0%	Below
NorthPoint Health & Wellness Center	169	37.3%	30.4%	44.8%	Below
Community University Health Care Center	81	37.0%	27.3%	47.9%	Below
HealthEast Clinics	316	37.0%	31.9%	42.5%	Below
West Side Community Health Services	182	33.0%	26.6%	40.1%	Below
Multicare Associates	41	31.7%	19.6%	47.0%	Below
Lakewood Health System	38	31.6%	19.1%	47.5%	Below
Unity Family Healthcare, Family Medical Center	50	30.0%	19.1%	43.8%	Below
Fairview Mesaba Clinics	33	27.3%	15.1%	44.2%	Below
St. Luke's Clinics	128	22.7%	16.3%	30.6%	Below
United Family Medicine	79	21.5%	13.9%	31.8%	Below
St. Croix Regional Medical Center	47	21.3%	12.0%	34.9%	Below
Open Cities Health Center	45	15.6%	7.8%	28.8%	Below
Winona Health Services	85	15.3%	9.2%	24.4%	Below
Neighborhood Healthsource	39	12.8%	5.6%	26.7%	Below
Vibrant Health Family Clinics and Minnesota Health Network	30	10.0%	3.5%	25.6%	Below
Hutchinson Health	40	10.0%	4.0%	23.1%	Below
Avera Medical Group	38	2.6%	0.5%	13.5%	Below
North Clinic	33	0.0%	0.0%	10.4%	Below
Altru Health System	108	0.0%	0.0%	3.4%	Below
Riverwood Healthcare Center	35	0.0%	0.0%	9.9%	Below

**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
Statewide Average	16,009	44.6%	43.8%	45.4%	
# CentraCare Health Plaza- Pediatrics	33	84.9%	69.1%	93.4%	Above
Allina Health - Ramsey	38	79.0%	63.7%	88.9%	Above
Fairview Hiawatha Clinic	59	78.0%	65.9%	86.7%	Above
CentraCare Clinic - Northway	40	77.5%	62.5%	87.7%	Above
Allina Health - Buffalo	57	77.2%	64.8%	86.2%	Above
Park Nicollet Clinic - Shakopee	84	75.0%	64.8%	83.0%	Above
Fairview Lakes Medical Center	89	74.2%	64.2%	82.1%	Above
Fairview North Branch Clinic	61	73.8%	61.6%	83.2%	Above
Allina Health - Woodbury	63	73.0%	61.0%	82.4%	Above
Allina Health - Cambridge	101	72.3%	62.9%	80.1%	Above
Stillwater Medical Group - Curve Crest Clinic	95	70.5%	60.7%	78.8%	Above
Mankato Clinic - Wickersham Campus	53	69.8%	56.5%	80.5%	Above
Allina Health - Eagan	43	69.8%	54.9%	81.4%	Above
Fairview EdenCenter Clinic	42	69.1%	54.0%	80.9%	Above
Allina Health Specialties - New Ulm Medical Center	64	68.8%	56.6%	78.8%	Above
HealthPartners - Coon Rapids	83	68.7%	58.1%	77.6%	Above
HealthPartners - Roseville	31	67.7%	50.1%	81.4%	Above
■ Allergy & Asthma Specialists, PA - Plymouth West Health	31	67.7%	50.1%	81.4%	Above
HealthPartners - Woodbury	83	67.5%	56.8%	76.6%	Above
Allina Health - Nicollet Mall	42	66.7%	51.6%	79.0%	Above
EH East Virginia Clinic	36	66.7%	50.3%	79.8%	Above
Fairview Zimmerman Clinic	32	65.6%	48.3%	79.6%	Above
Park Nicollet Clinic - St. Louis Park Internal Medicine	58	65.5%	52.7%	76.4%	Above
Allina Health - First Street	58	65.5%	52.7%	76.4%	Above
Allina Health - Brooklyn Park	37	64.9%	48.8%	78.2%	Above
HealthPartners - Brooklyn Center	85	64.7%	54.1%	74.0%	Above
Park Nicollet Clinic - Eagan	48	64.6%	50.4%	76.6%	Above
HealthPartners Central Minnesota Clinics	107	64.5%	55.1%	72.9%	Above
Affiliated Community Medical Centers - Willmar Clinic	126	64.3%	55.6%	72.1%	Above
Fairview Elk River Clinic	39	64.1%	48.4%	77.3%	Above
Allina Health - Richfield	61	63.9%	51.4%	74.8%	Above
Allina Health - Faribault	72	63.9%	52.4%	74.0%	Above
Fairview New Brighton Clinic	74	63.5%	52.1%	73.6%	Above
Allina Health - Northfield	52	63.5%	49.9%	75.2%	Above
Allina Health - West St. Paul	82	63.4%	52.6%	73.0%	Above
HealthPartners - Nokomis	30	63.3%	45.5%	78.1%	Above
Fairview Fridley Clinic	117	63.3%	54.2%	71.4%	Above
Fairview Princeton Clinic	76	63.2%	51.9%	73.1%	Above
HealthPartners - Maplewood	108	63.0%	53.6%	71.5%	Above
EH Central Baxter Clinic	54	63.0%	49.6%	74.6%	Above
EH East Hermantown Clinic	35	62.9%	46.3%	76.8%	Above
Fairview Uptown Clinic	40	62.5%	47.0%	75.8%	Above
Hennepin Co. Med. Ctr. Clinics - Downtown Pediatric Clinic	64	62.5%	50.3%	73.3%	Above
CentraCare Health Plaza-Family Medicine	53	62.3%	48.8%	74.1%	Above
Allina Health - Cottage Grove	53	62.3%	48.8%	74.1%	Above
Allina Health - Forest Lake	50	62.0%	48.2%	74.1%	Above
Mankato Clinic - North Mankato	34	61.8%	45.0%	76.1%	Above
Tri-County Health Care - Wadena Clinic	34	61.8%	45.0%	76.1%	Above
EH East West Duluth Clinic	44	61.4%	46.6%	74.3%	Above
Mayo Clinic Health System Red Wing	41	61.0%	45.7%	74.3%	Above



**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
Statewide Average	16,009	44.6%	43.8%	45.4%	
HealthPartners - West	46	60.9%	46.5%	73.6%	Above
Allina Health - Coon Rapids	211	60.7%	53.9%	67.0%	Above
Mankato Clinic - Main Street	58	60.3%	47.5%	71.9%	Above
Park Nicollet Clinic - Prairie Center	30	60.0%	42.3%	75.4%	Average
Fairview Chisago Lakes Clinic	40	60.0%	44.6%	73.7%	Average
Fairview Bloomington Lake Minneapolis	40	60.0%	44.6%	73.7%	Average
North Memorial Clinic - Northeast Family Physicians	35	60.0%	43.6%	74.5%	Average
Mayo Clinic Health System Mankato Northridge	45	60.0%	45.5%	73.0%	Above
HealthPartners - Riverside	77	59.7%	48.6%	70.0%	Above
HealthPartners - Anoka	62	59.7%	47.3%	71.0%	Above
HealthPartners - White Bear Lake	37	59.5%	43.5%	73.7%	Average
EH West Park Rapids Clinic	49	59.2%	45.3%	71.8%	Above
Fairview Bass Lake Clinic	44	59.1%	44.4%	72.3%	Average
EH East Deer River Clinic	44	59.1%	44.4%	72.3%	Average
Allina Health - Bandana Square (Aspen)	99	58.6%	48.7%	67.8%	Above
EH West Moorhead	36	58.3%	42.2%	72.9%	Average
EH East Superior Clinic	55	58.2%	45.0%	70.3%	Above
HealthPartners - Hlth Ctr for Women	38	57.9%	42.2%	72.2%	Average
Fairview Riverside Primary Care Clinic	40	57.5%	42.2%	71.5%	Average
Park Nicollet Clinic and Specialty Center - Maple Grove	63	57.1%	44.9%	68.6%	Above
Fairview Andover Clinic	49	57.1%	43.3%	70.0%	Average
Fairview Crosstown Clinic	30	56.7%	39.2%	72.6%	Average
Allina Health - Shoreview	30	56.7%	39.2%	72.6%	Average
Olmsted Medical Center - Rochester Southeast	138	56.5%	48.2%	64.5%	Above
Park Nicollet Clinic - Bloomington	55	56.4%	43.3%	68.6%	Average
Fairview Riverside	48	56.3%	42.3%	69.3%	Average
Mankato Clinic - Daniel's Health Center	32	56.3%	39.3%	71.8%	Average
Allina Health - Maplewood (Aspen)	73	56.2%	44.8%	67.0%	Above
HealthPartners - Inver Grove Heights	41	56.1%	41.0%	70.1%	Average
Fairview Burnsville Clinic	63	55.6%	43.3%	67.2%	Average
Sanford Worthington Clinic	40	55.0%	39.8%	69.3%	Average
EH West Detroit Lakes Clinic	46	54.4%	40.2%	67.9%	Average
Park Nicollet Clinic - Burnsville	129	54.3%	45.7%	62.6%	Above
Mayo Clinic Health System Mankato Eastridge	74	54.1%	42.8%	64.9%	Average
Fairview Columbia Heights Clinic	104	53.9%	44.3%	63.1%	Average
EH East Duluth Clinic 1st St	82	53.7%	42.9%	64.0%	Average
Allina Health - East Lake Street (Aspen)	45	53.3%	39.1%	67.1%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	141	53.2%	45.0%	61.2%	Above
Allergy, Asthma & Immunology - Shoreview	32	53.1%	36.5%	69.1%	Average
Fairview Apple Valley Clinic	72	52.8%	41.4%	63.9%	Average
Allina Health - Bloomington (Aspen)	57	52.6%	39.9%	65.0%	Average
Fairview Brooklyn Park Clinic	103	52.4%	42.9%	61.8%	Average
Mayo Clinic Health System Austin	63	52.4%	40.3%	64.2%	Average
Mayo Clinic Health System Owatonna	77	52.0%	41.0%	62.8%	Average
Park Nicollet Clinic - Plymouth	31	51.6%	34.8%	68.0%	Average
HealthPartners - University Ave	35	51.4%	35.6%	67.0%	Average
EH East Lakeside Clinic	35	51.4%	35.6%	67.0%	Average
Fairview Bloomington Lake Xerxes	43	51.2%	36.8%	65.4%	Average
Mayo Clinic Health System Albert Lea	61	50.8%	38.6%	62.9%	Average
FirstLight Health System - Mora	30	50.0%	33.2%	66.9%	Average

**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
Statewide Average	16,009	44.6%	43.8%	45.4%	
Park Nicollet Clinic - Brookdale	121	49.6%	40.8%	58.4%	Average
EH Central Brainerd Clinic	55	49.1%	36.4%	61.9%	Average
Fairview Oxboro Clinic	74	48.7%	37.6%	59.8%	Average
Fairview Eagan Clinic	68	48.5%	37.1%	60.2%	Average
EH East Lakewalk Clinic	33	48.5%	32.5%	64.8%	Average
■ Park Nicollet Clinic - St. Louis Park Asthma and Allergy	31	48.4%	32.0%	65.2%	Average
HealthPartners - St Paul	125	48.0%	39.4%	56.7%	Average
Grand Itasca Clinic	142	47.9%	39.8%	56.1%	Average
Allina Health - Fridley	42	47.6%	33.4%	62.3%	Average
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	38	47.4%	32.5%	62.7%	Average
Native American Community Clinic	32	46.9%	30.9%	63.6%	Average
Allina Health - Isles	30	46.7%	30.2%	63.9%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	75	46.7%	35.8%	57.8%	Average
Sanford Health Detroit Lakes Clinic	43	46.5%	32.5%	61.1%	Average
Park Nicollet Clinic - Carlson	41	46.3%	32.1%	61.3%	Average
HealthPartners - Apple Valley	39	46.2%	31.6%	61.4%	Average
University of MN Physicians - Bethesda Family Medicine Clinic	130	45.4%	37.1%	54.0%	Average
HealthPartners - Bloomington	54	44.4%	32.0%	57.6%	Average
HealthPartners - Como	68	44.1%	33.0%	55.9%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	102	44.1%	34.9%	53.8%	Average
Affiliated Community Medical Centers- Marshall Clinic	46	43.5%	30.2%	57.8%	Average
CentraCare Health- Family Health Center	74	43.2%	32.6%	54.6%	Average
HealthPartners - Midway	77	42.9%	32.4%	54.0%	Average
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	42	42.9%	29.1%	57.8%	Average
Alexandria Clinic, A Service of Douglas County Hospital	52	42.3%	29.9%	55.8%	Average
Park Nicollet Clinic - Minneapolis	121	41.3%	33.0%	50.2%	Average
Hennepin County Medical Ctr. Clinics - Golden Valley Clinic	47	40.4%	27.6%	54.7%	Average
EH East Ashland Clinic	36	38.9%	24.8%	55.1%	Average
Hennepin County Medical Ctr. Clinics - Brooklyn Park Clinic	67	38.8%	28.1%	50.8%	Average
Park Nicollet Clinic - Prior Lake	31	38.7%	23.7%	56.2%	Average
Sanford Health Alexandria Broadway Clinic	32	37.5%	22.9%	54.8%	Average
Park Nicollet Clinic - Chanhassen	41	36.6%	23.6%	51.9%	Average
Sanford Moorhead Clinic - Family Medicine	33	36.4%	22.2%	53.4%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	204	35.8%	29.5%	42.6%	Below
Sanford Bemidji Main Clinic - Family Medicine	48	35.4%	23.4%	49.6%	Average
United Family Medicine	190	33.2%	26.9%	40.1%	Below
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	65	32.3%	22.2%	44.4%	Below
Glencoe Regional Health Services - Glencoe	31	32.3%	18.6%	49.9%	Average
Northwest Family Physicians - Crystal	45	31.1%	19.5%	45.7%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	37	29.7%	17.5%	45.8%	Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	34	29.4%	16.8%	46.2%	Average
North Memorial Clinic - Camden	60	28.3%	18.5%	40.8%	Below
North Memorial Clinic - Brooklyn Park Physicians	32	28.1%	15.6%	45.4%	Average
Sanford Thief River Falls Clinic	32	28.1%	15.6%	45.4%	Average
University of MN Physicians-Phalen Village Family Medicine Clinic	66	27.3%	18.0%	39.0%	Below
St Luke's Clinics-P.S. Rudie Medical Clinic	33	27.3%	15.1%	44.2%	Below
St. Cloud Medical Group - NW- IHN	45	26.7%	16.0%	41.0%	Below
Duluth Family Medicine Clinic	61	24.6%	15.5%	36.7%	Below
Hennepin Co. Med. Ctr. Clinics - Internal Med. Clinic at Parkside	77	23.4%	15.3%	34.0%	Below
University of MN Physicians - Broadway Family Medicine Clinic	178	20.8%	15.5%	27.3%	Below

**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
Statewide Average	16,009	44.6%	43.8%	45.4%	
Southside Medical Clinic	31	19.4%	9.2%	36.3%	Below
Multicare Associates - Fridley Medical Center	58	19.0%	10.9%	30.9%	Below
Stellis Health-Monticello: IHN	58	19.0%	10.9%	30.9%	Below
HealthEast Oakdale	54	18.5%	10.4%	30.8%	Below
HealthEast Roselawn Clinic	96	17.7%	11.4%	26.5%	Below
Hennepin Co. Med. Ctr. Clinics - Downtown Medicine Clinic	282	17.4%	13.4%	22.2%	Below
HealthEast Maplewood Clinic	58	17.2%	9.6%	28.9%	Below
Lake Region Healthcare Clinic Services - Fergus Falls	38	15.8%	7.4%	30.4%	Below
NorthPoint Health & Wellness Center	161	15.5%	10.7%	21.9%	Below
Hennepin County Medical Ctr. Clinics - Coordinated Care Clinic	47	14.9%	7.4%	27.7%	Below
Community-University Health Care Center	78	14.1%	8.1%	23.5%	Below
West Side Community Health Services - East Side Family Clinic	76	11.8%	6.4%	21.0%	Below
Gateway Family Health Clinic - Moose Lake	35	11.4%	4.5%	26.0%	Below
Open Door Health Center	30	10.0%	3.5%	25.6%	Below
Cedar Riverside People's Center - People's Center Medical Clinic	43	9.3%	3.7%	21.6%	Below
HealthEast Rice Street Clinic	88	9.1%	4.7%	16.9%	Below
Neighborhood HealthSource - Fremont Clinic	33	9.1%	3.1%	23.6%	Below
HealthEast Cottage Grove Clinic	39	7.7%	2.7%	20.3%	Below
HealthEast Grand Avenue Clinic	53	5.7%	1.9%	15.4%	Below
Open Cities Health (Dunlap) - Family Medicine	71	4.2%	1.5%	11.7%	Below
Winona Health - Winona Clinic	108	3.7%	1.5%	9.1%	Below
Family Medical Center	34	2.9%	0.5%	14.9%	Below
Raiter Clinic-IHN	38	2.6%	0.5%	13.5%	Below
North Clinic - Oakdale Office in Robbinsdale	47	0.0%	0.0%	7.6%	Below
North Clinic - Maple Grove Office	41	0.0%	0.0%	8.6%	Below
Ridgeview Delano Clinic	31	0.0%	0.0%	11.0%	Below
Ridgeview Westonka Clinic	33	0.0%	0.0%	10.4%	Below
Hennepin County Med. Ctr. Clinics - Positive Care Clinic	36	0.0%	0.0%	9.6%	Below
Hutchinson Health - Hutchinson Clinic	42	0.0%	0.0%	8.4%	Below
Bluestone Physician Services	36	0.0%	0.0%	9.6%	Below



**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
Statewide Average	16,009	44.6%	43.8%	45.4%	
#Children's Respiratory & Critical Care Specialists	35	71.4%	55.0%	83.7%	Above
Stillwater Medical Group	97	71.1%	61.5%	79.2%	Above
HealthPartners Central Minnesota Clinics	107	64.5%	55.1%	72.9%	Above
CentraCare Health	323	64.1%	58.7%	69.1%	Above
Mankato Clinic, Ltd.	183	62.8%	55.6%	69.5%	Above
Allina Health Clinics	1,884	62.5%	60.3%	64.6%	Above
Fairview Health Services	1,755	60.2%	57.9%	62.5%	Above
Olmsted Medical Center	234	59.4%	53.0%	65.5%	Above
HealthPartners Clinics	1,314	57.1%	54.4%	59.7%	Above
■Allergy & Asthma Specialists, PA	81	55.6%	44.7%	65.9%	Above
Allina Health Specialties	100	55.0%	45.2%	64.4%	Above
Park Nicollet Health Services	1,186	54.7%	51.9%	57.5%	Average
Essentia Health	966	53.8%	50.7%	57.0%	Average
Mayo Clinic Health System	638	53.6%	49.7%	57.4%	Average
Affiliated Community Medical Centers	265	53.6%	47.6%	59.5%	Above
■Allergy, Asthma & Immunology Clinic	32	53.1%	36.5%	69.1%	Above
Tri-County Health Care	58	50.0%	37.5%	62.5%	Average
Grand Itasca Clinic	142	47.9%	39.8%	56.1%	Above
Native American Community Clinic	32	46.9%	30.9%	63.6%	Average
FirstLight Health System	46	45.7%	32.2%	59.8%	Average
Sanford Health - Sioux Falls Region	333	44.4%	39.2%	49.8%	Average
Alexandria Clinic	59	44.1%	32.2%	56.7%	Average
■Minnesota Lung Center/Minnesota Sleep Institute	69	40.6%	29.8%	52.4%	Average
Northwest Family Physicians	66	39.4%	28.5%	51.5%	Average
North Memorial	308	37.3%	32.1%	42.9%	Average
Fairview Mesaba Clinics	65	35.4%	24.9%	47.5%	Average
Sanford Health - Fargo Region	534	35.2%	31.3%	39.4%	Average
Mayo Clinic	86	33.7%	24.6%	44.2%	Below
University of Minnesota Physicians	546	33.7%	29.9%	37.8%	Average
United Family Medicine	190	33.2%	26.9%	40.1%	Below
St. Croix Regional Medical Center	72	30.6%	21.1%	42.0%	Below
Glencoe Regional Health Services	33	30.3%	17.4%	47.3%	Below
Hennepin County Medical Center (HMC) Clinics	1,030	29.4%	26.7%	32.3%	Below
Southside Community Health Services	37	27.0%	15.4%	43.0%	Below
Duluth Family Medicine Clinic	61	24.6%	15.5%	36.7%	Below
St. Luke's Clinics	155	20.0%	14.5%	27.0%	Below
Multicare Associates	100	19.0%	12.5%	27.8%	Below
Lake Region Healthcare	43	18.6%	9.7%	32.6%	Below
Lakewood Health System	38	15.8%	7.4%	30.4%	Below
NorthPoint Health & Wellness Center	161	15.5%	10.7%	21.9%	Below
Gateway Family Health Clinic	63	14.3%	7.7%	25.0%	Below
Community University Health Care Center	78	14.1%	8.1%	23.5%	Below
HealthEast Clinics	540	14.1%	11.4%	17.3%	Below
Cedar Riverside People's Center	48	12.5%	5.9%	24.7%	Below
West Side Community Health Services	109	10.1%	5.7%	17.2%	Below
Open Door Health Center	30	10.0%	3.5%	25.6%	Below
Neighborhood Healthsource	68	5.9%	2.3%	14.2%	Below
Avera Medical Group	36	5.6%	1.5%	18.1%	Below
Open Cities Health Center	71	4.2%	1.5%	11.7%	Below
Winona Health Services	110	3.6%	1.4%	9.0%	Below
Unity Family Healthcare, Family Medical Center	38	2.6%	0.5%	13.5%	Below
North Clinic	137	0.0%	0.0%	2.7%	Below
Altru Health System	89	0.0%	0.0%	4.1%	Below
Ridgeview Clinics	128	0.0%	0.0%	2.9%	Below
Riverwood Healthcare Center	43	0.0%	0.0%	8.2%	Below
Hutchinson Health	42	0.0%	0.0%	8.4%	Below
Bluestone Physician Services	36	0.0%	0.0%	9.6%	Below

**Table 23: 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
<b>Medical Group Average</b>	<b>3,583</b>	<b>74.3%</b>	<b>72.8%</b>	<b>75.7%</b>	
Mankato Clinic, Ltd.	63	91.6%	82.1%	96.3%	Above
Affiliated Community Medical Centers	78	87.8%	78.8%	93.4%	Above
Mayo Clinic Health System - Albert Lea and Austin	64	86.1%	75.6%	92.5%	Above
Sanford Health - Sioux Falls Region	63	85.3%	74.5%	92.0%	Above
Mayo Clinic Health System-Owatonna	95	85.1%	76.6%	90.9%	Above
# Fridley Children's & Teenagers' Medical Center - CPN	63	84.6%	73.7%	91.5%	Average
Essentia Health	181	84.2%	78.1%	88.8%	Above
Mayo Clinic Health System - Mankato	63	83.3%	72.3%	90.6%	Average
HealthEast Clinics	62	83.3%	72.1%	90.6%	Average
United Family Medicine	63	82.2%	71.0%	89.7%	Average
West Side Community Health Services	63	81.6%	70.3%	89.2%	Average
HealthPartners Clinics	246	80.7%	75.3%	85.1%	Above
NorthPoint Health & Wellness Center	63	79.4%	67.8%	87.5%	Average
Park Nicollet Health Services	158	78.6%	71.6%	84.3%	Average
Olmsted Medical Center	64	78.5%	67.0%	86.8%	Average
Altru Health System	63	77.7%	66.0%	86.2%	Average
Alexandria Clinic	63	75.8%	63.9%	84.7%	Average
# Children's Health Care	90	75.2%	65.3%	82.9%	Average
Entira Family Clinics	64	74.0%	62.1%	83.2%	Average
Allina Health Specialties	196	71.9%	65.3%	77.7%	Average
Hennepin County Medical Center (HCMC) Clinics	106	71.8%	62.6%	79.5%	Average
St. Luke's Clinics	65	71.7%	59.8%	81.2%	Average
# South Lake Pediatrics	62	70.7%	58.4%	80.5%	Average
# Southdale Pediatric Associates, Ltd	63	69.7%	57.5%	79.7%	Average
Fairview Medical Group	114	68.3%	59.3%	76.1%	Average
Buffalo Clinic, PA - IHN	63	67.8%	55.5%	78.0%	Average
Sanford Health - Fargo Region	193	65.6%	58.6%	71.9%	Below
Mayo Clinic	62	64.5%	52.1%	75.3%	Average
University of Minnesota Physicians	63	64.0%	51.6%	74.7%	Average
# Children's Clinic Network	64	62.3%	50.1%	73.2%	Below
CentraCare Health	66	60.4%	48.4%	71.4%	Below
Grand Itasca Clinic	91	44.0%	34.2%	54.2%	Below



Please see the next page.

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
^Obstetrics, Gynecology and Infertility - Maple Grove	38	92.1%	79.2%	97.3%	Above
^Obstetrics, Gynecology and Infertility - Edina	32	87.5%	71.9%	95.0%	Above
^Southdale Obstetric and Gynecology Consultants- Edina	54	85.2%	73.4%	92.3%	Above
Allina Health - Chanhassen (Quello)	181	84.5%	78.6%	89.1%	Above
Gundersen Health System - La Crescent Clinic	60	83.3%	72.0%	90.7%	Above
Allina Health - Sharpe Dillon Cockson & Associates PA	50	82.0%	69.2%	90.2%	Above
Allina Health - St. Francis Health Services - Jordan	36	77.8%	61.9%	88.3%	Above
Sanford Bemidji Main Clinic - Internal Medicine	88	77.3%	67.5%	84.8%	Above
Fairview Crosstown Clinic	294	77.2%	72.1%	81.6%	Above
Fairview Lakeville Clinic	98	76.5%	67.2%	83.8%	Above
^Partners Obstetrics & Gynecology, PA	76	76.3%	65.6%	84.5%	Above
Edina Sports Health & Wellness	49	75.5%	61.9%	85.4%	Above
Allina Health - Buffalo	293	75.4%	70.2%	80.0%	Above
CentraCare Health Plaza-Internal Medicine	170	75.3%	68.3%	81.2%	Above
Fairview Savage Clinic	92	75.0%	65.3%	82.7%	Above
Mayo Clinic Health System Springfield	40	75.0%	59.8%	85.8%	Above
Mayo Clinic Health System Belle Plaine	48	75.0%	61.2%	85.1%	Above
Allina Health - Centennial Lakes (Quello)	181	74.6%	67.8%	80.4%	Above
Allina Health - Farmington	128	74.2%	66.0%	81.0%	Above
HealthPartners - Ctr for Internatl Hlth	488	74.0%	69.9%	77.7%	Above
Burnsville Family Physicians	76	73.7%	62.8%	82.3%	Above
Fairview Rogers Clinic	110	73.6%	64.7%	81.0%	Above
Mayo Clinic - Baldwin Building, Family Medicine	83	73.5%	63.1%	81.8%	Above
CentraCare River Campus-Internal Medicine	194	73.2%	66.6%	78.9%	Above
Fairview Zimmerman Clinic	179	73.2%	66.3%	79.1%	Above
Mayo Clinic Health System Le Sueur	82	73.2%	62.7%	81.6%	Above
Allina Health - Shoreview	269	72.9%	67.3%	77.8%	Above
Mayo Clinic Health System Waseca	147	72.8%	65.1%	79.3%	Above
Fairview Brooklyn Park Clinic	573	72.6%	68.8%	76.1%	Above
CentraCare Clinic - St. Joseph	62	72.6%	60.4%	82.1%	Above
Allina Health - Forest Lake	277	72.2%	66.7%	77.2%	Above
Fairview Farmington Clinic	64	71.9%	59.9%	81.4%	Above
Allina Health - Eagan	238	71.9%	65.8%	77.2%	Above
Diamond Women's Center	39	71.8%	56.2%	83.5%	Above
Fairview Uptown Clinic	191	71.7%	65.0%	77.6%	Above
Allina Health - Cokato	53	71.7%	58.4%	82.0%	Above
CentraCare Health- Sauk Centre	120	71.7%	63.0%	79.0%	Above
Allina Health - Plymouth	313	71.6%	66.3%	76.3%	Above
Sanford Blackduck Clinic	63	71.4%	59.3%	81.1%	Above
Mayo Clinic Health System Adams	42	71.4%	56.4%	82.8%	Above
Allina Health - Ramsey	266	71.4%	65.7%	76.5%	Above
Fairview Hiawatha Clinic	372	71.2%	66.4%	75.6%	Above
Allina Health - Blaine	107	71.0%	61.8%	78.8%	Above
Allina Health - Inver Grove Heights (Aspen)	191	70.7%	63.9%	76.7%	Above
Allina Hlth Spec. - Abbott Northwestern General Med. Assoc. - Edina	129	70.5%	62.2%	77.7%	Above
Fairview Columbia Heights Clinic	528	70.5%	66.4%	74.2%	Above
Mayo Clinic Health System Faribault Hwy 60	203	70.4%	63.8%	76.3%	Above
Fairview Fridley Clinic	490	70.4%	66.2%	74.3%	Above
Fairview Elk River Clinic	178	70.2%	63.1%	76.5%	Above
Allina Health - Uptown	188	70.2%	63.3%	76.3%	Above

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
HealthPartners - University Ave	349	70.2%	65.2%	74.8%	Above
Fairview Apple Valley Clinic	372	70.2%	65.3%	74.6%	Above
Mayo Clinic Health System Kiester	30	70.0%	52.1%	83.3%	Average
Fairview Eagan Clinic	303	70.0%	64.6%	74.9%	Above
Fairview Andover Clinic	345	69.9%	64.8%	74.5%	Above
Allina Health - Brooklyn Park	145	69.7%	61.7%	76.6%	Above
Sanford Moorhead Clinic - Internal Medicine	92	69.6%	59.5%	78.0%	Above
EH Central Crosslake Clinic	115	69.6%	60.6%	77.2%	Above
Fairview Bass Lake Clinic	150	69.3%	61.6%	76.2%	Above
Mayo Clinic Health System Mankato Northridge	150	69.3%	61.6%	76.2%	Above
EH East Duluth Clinic 1st St	604	68.7%	64.9%	72.3%	Above
Allina Health - Shakopee	223	68.6%	62.3%	74.3%	Above
Allina Health - Edina	152	68.4%	60.7%	75.3%	Above
EH East Lakewalk Clinic	133	68.4%	60.1%	75.7%	Above
EH East Grand Rapids Clinic	60	68.3%	55.8%	78.7%	Above
Allina Health - United Medical Specialties	126	68.3%	59.7%	75.7%	Above
^ CentraCare Health Plaza-Obstetrics and Women's Clinic	66	68.2%	56.2%	78.2%	Above
Lakewood Health System - Motley Clinic	169	68.1%	60.7%	74.6%	Above
^ HealthPartners - Hlth Ctr for Women	147	68.0%	60.1%	75.0%	Above
Allina Health - Cambridge	847	68.0%	64.8%	71.1%	Above
Allina Health - Richfield	425	68.0%	63.4%	72.3%	Above
St. Cloud Medical Group - Cold Spring -IHN	53	67.9%	54.5%	78.9%	Average
HealthPartners - White Bear Lake	149	67.8%	59.9%	74.8%	Above
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	31	67.7%	50.1%	81.4%	Average
HealthPartners - Highland Park	34	67.7%	50.8%	80.9%	Average
St. Cloud Medical Group - Clearwater - IHN	105	67.6%	58.2%	75.8%	Above
Mankato Clinic - Mapleton	37	67.6%	51.5%	80.4%	Average
Allina Health - Isles	188	67.6%	60.6%	73.8%	Above
HealthPartners - Brooklyn Center	390	67.4%	62.6%	71.9%	Above
Mayo Clinic Health System Mankato Specialty Clinic	135	67.4%	59.1%	74.7%	Above
Mayo Family Clinic Southeast	52	67.3%	53.8%	78.5%	Average
Mayo Clinic Health System Mankato Eastridge	315	67.3%	61.9%	72.3%	Above
Allina Health - Burnsville (Quello)	143	67.1%	59.1%	74.3%	Above
Mayo Clinic Health System New Prague	73	67.1%	55.7%	76.8%	Above
Mayo Clinic Health System Fairmont	330	67.0%	61.7%	71.8%	Above
HealthPartners - West	248	66.9%	60.9%	72.5%	Above
Park Nicollet Clinic - St. Louis Park Internal Medicine	493	66.9%	62.7%	70.9%	Above
HealthPartners - Roseville	133	66.9%	58.5%	74.3%	Above
Fairview Princeton Clinic	468	66.9%	62.5%	71.0%	Above
Park Nicollet Clinic - Eagan	231	66.7%	60.4%	72.4%	Above
CentraCare Health Paynesville- Cold Spring	36	66.7%	50.3%	79.8%	Average
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	39	66.7%	51.0%	79.4%	Average
Allina Health - First Street	354	66.7%	61.6%	71.4%	Above
EH Central Pillager Clinic	48	66.7%	52.5%	78.3%	Average
Allina Health - Nicollet Mall	260	66.5%	60.6%	72.0%	Above
Fairview Oxboro Clinic	510	66.5%	62.3%	70.4%	Above
Allina Health - Champlin	226	66.4%	60.0%	72.2%	Above
HealthPartners - Arden Hills	211	66.4%	59.7%	72.4%	Above
Fairview Milaca Clinic	208	66.4%	59.7%	72.4%	Above
Allina Health - St. Michael	104	66.4%	56.8%	74.7%	Above

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Mayo Clinic - Northwest	74	66.2%	54.9%	76.0%	Average
Fairview Rosemount Clinic	106	66.0%	56.6%	74.4%	Above
HealthPartners - Maplewood	403	66.0%	61.3%	70.5%	Above
Fairview New Brighton Clinic	291	66.0%	60.4%	71.2%	Above
University of MN Health - Fairview Maple Grove Medical Center	141	66.0%	57.8%	73.3%	Above
Mayo Clinic Health System Montgomery	44	65.9%	51.1%	78.1%	Average
Scenic Rivers Health Services - Northome	44	65.9%	51.1%	78.1%	Average
Fairview Chisago Lakes Clinic	231	65.8%	59.5%	71.6%	Above
Mayo Clinic Health System New Richland	35	65.7%	49.2%	79.2%	Average
Mayo Clinic - Speciality Practice	198	65.7%	58.8%	71.9%	Above
CentraCare Clinic - Northway	262	65.7%	59.7%	71.1%	Above
^ Comprehensive Healthcare for Women, PA	32	65.6%	48.3%	79.6%	Average
EH Central Brainerd Clinic	628	65.6%	61.8%	69.2%	Above
Allina Health - Bandana Square (Aspen)	469	65.5%	61.1%	69.6%	Above
Allina Health - Northfield	382	65.5%	60.5%	70.0%	Above
EH West Detroit Lakes Clinic	501	65.3%	61.0%	69.3%	Above
Allina Health - Lakeville (Quello)	95	65.3%	55.3%	74.1%	Average
CentraCare Health- Long Prairie	115	65.2%	56.2%	73.3%	Above
Perham Health Clinic	175	65.1%	57.8%	71.8%	Above
Fairview Bloomington Lake Xerxes	195	65.1%	58.2%	71.5%	Above
Fairview Highland Park Clinic	163	65.0%	57.4%	71.9%	Above
Mayo Clinic Health System Owatonna	689	65.0%	61.4%	68.5%	Above
Allina Health - Coon Rapids	1405	65.0%	62.5%	67.4%	Above
Park Nicollet Clinic - Golden Valley	154	64.9%	57.1%	72.0%	Above
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	77	64.9%	53.8%	74.7%	Average
Sanford Fargo Southpointe Clinic - Internal Medicine	114	64.9%	55.8%	73.1%	Above
Allina Health - Annandale	108	64.8%	55.4%	73.2%	Average
HealthPartners - Eagan	105	64.8%	55.3%	73.2%	Average
Allina Health - Maple Grove	139	64.8%	56.5%	72.2%	Above
Allina Health - Chaska	136	64.7%	56.4%	72.2%	Above
Sanford Health Detroit Lakes Clinic	280	64.6%	58.9%	70.0%	Above
Sanford Canby Clinic	62	64.5%	52.1%	75.3%	Average
Mankato Clinic - North Mankato	135	64.4%	56.1%	72.0%	Above
Fairview Burnsville Clinic	466	64.4%	59.9%	68.6%	Above
Allina Health - Dean Lakes	73	64.4%	52.9%	74.4%	Average
Entira Family Clinics - Inver Grove Heights	140	64.3%	56.1%	71.7%	Above
Mayo Clinic Health System St. Peter	168	64.3%	56.8%	71.1%	Above
Allina Health - Maplewood (Aspen)	428	64.3%	59.6%	68.7%	Above
Fairview Prior Lake Clinic	123	64.2%	55.4%	72.2%	Average
Allina Health - West St. Paul	379	64.1%	59.2%	68.8%	Above
Park Nicollet Clinic - Prairie Center	136	64.0%	55.6%	71.6%	Above
^ Metropolitan Obstetrics and Gynecology-Gallery Profess. Bldg.	72	63.9%	52.4%	74.0%	Average
Allina Health - Vadnais Heights	83	63.9%	53.1%	73.4%	Average
Osakis Medical Clinic, A Service of Douglas County Hospital	47	63.8%	49.5%	76.0%	Average
Cromwell Medical Clinic-IHN	44	63.6%	48.9%	76.2%	Average
Mayo Clinic Health System Red Wing	434	63.6%	59.0%	68.0%	Above
Allina Health - Savage (Quello)	126	63.5%	54.8%	71.4%	Average
Entira Family Clinics - Vadnais Heights	134	63.4%	55.0%	71.1%	Average
HealthPartners - Lino Lakes	90	63.3%	53.0%	72.6%	Average
HealthPartners - Bloomington	305	63.3%	57.7%	68.5%	Above



**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Gateway Family Health Clinic - Moose Lake	675	63.3%	59.6%	66.8%	Above
University of Minnesota Health - Primary Care Center	440	63.2%	58.6%	67.6%	Above
Mayo Clinic - Northeast	141	63.1%	54.9%	70.6%	Average
Mayo Clinic Health System Wabasha	122	63.1%	54.3%	71.2%	Average
EH West South University Clinic	84	63.1%	52.4%	72.6%	Average
CentraCare Clinic- Big Lake	65	63.1%	50.9%	73.8%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	433	63.1%	58.4%	67.5%	Above
AALFA Family Clinic-MHN	46	63.0%	48.6%	75.5%	Average
Allina Health - Elk River	146	63.0%	54.9%	70.4%	Average
Altru Health System - Lake Region	54	63.0%	49.6%	74.6%	Average
EH Central Baxter Clinic	340	62.9%	57.7%	67.9%	Above
Entira Family Clinics - White Bear Lake-Bellaire Avenue	89	62.9%	52.6%	72.2%	Average
Allina Health - Hopkins (Aspen)	89	62.9%	52.6%	72.2%	Average
Allina Health - Fridley	231	62.8%	56.4%	68.8%	Above
Mayo Clinic Health System Cannon Falls	118	62.7%	53.7%	70.9%	Average
North Memorial Clinic - New Hope	134	62.7%	54.3%	70.4%	Average
Fairview Riverside	136	62.5%	54.1%	70.2%	Average
Parkview Medical Clinic	48	62.5%	48.4%	74.8%	Average
Allina Health - Woodbury	296	62.5%	56.9%	67.8%	Above
Sanford Health Alexandria Broadway Clinic	301	62.5%	56.9%	67.7%	Above
HealthPartners - Woodbury	418	62.4%	57.7%	67.0%	Above
EH East Virginia Clinic	361	62.3%	57.2%	67.2%	Above
CentraCare Health- Monticello Medical Group	69	62.3%	50.5%	72.8%	Average
Fairview Lakes Medical Center	435	62.3%	57.7%	66.7%	Above
HealthPartners - Elk River	151	62.3%	54.3%	69.6%	Average
HealthPartners - Andover	196	62.2%	55.3%	68.7%	Average
Mayo Clinic Health System Lake Crystal	45	62.2%	47.6%	74.9%	Average
Affiliated Community Medical Centers - Willmar Clinic	741	62.2%	58.7%	65.6%	Above
HealthPartners - Como	378	62.2%	57.2%	66.9%	Above
Stevens Community Medical Center - Starbuck Clinic	37	62.2%	46.1%	75.9%	Average
Entira Family Clinics - Highland	116	62.1%	53.0%	70.4%	Average
Mankato Clinic - Main Street	395	62.0%	57.2%	66.7%	Above
Allina Health - Bloomington (Aspen)	313	62.0%	56.5%	67.2%	Above
Affiliated Community Medical Centers - New London Clinic	105	61.9%	52.4%	70.6%	Average
EH West West Acres Clinic	63	61.9%	49.6%	72.9%	Average
Sanford Bemidji Main Clinic - Family Medicine	257	61.9%	55.8%	67.6%	Above
Sanford Worthington Clinic	139	61.9%	53.6%	69.5%	Average
EH East West Duluth Clinic	398	61.8%	56.9%	66.5%	Above
HealthPartners - Coon Rapids	389	61.7%	56.8%	66.4%	Above
Fairview Rush City Clinic	146	61.6%	53.6%	69.1%	Average
Mankato Clinic - Wickersham Campus	138	61.6%	53.3%	69.3%	Average
Hennepin Co. Med. Ctr. Clinics - Hennepin Center for Senior Care	52	61.5%	48.0%	73.5%	Average
Alexandria Clinic, A Service of Douglas County Hospital	522	61.5%	57.3%	65.6%	Above
Park Nicollet Clinic - Plymouth	218	61.5%	54.9%	67.7%	Average
Fairview EdenCenter Clinic	306	61.4%	55.9%	66.7%	Above
Allina Health - Cottage Grove	306	61.4%	55.9%	66.7%	Above
Allina Health - Highland Park (Aspen)	88	61.4%	50.9%	70.9%	Average
Olmsted Medical Center - Plainview Clinic	31	61.3%	43.8%	76.3%	Average
HealthEast Vadnais Heights Clinic	147	61.2%	53.2%	68.7%	Average
EH East Northern Pines Clinic	165	61.2%	53.6%	68.3%	Average

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
University of Minnesota Health - Mill City Clinic	67	61.2%	49.2%	72.0%	Average
CentraCare Health- Melrose	85	61.2%	50.6%	70.8%	Average
St. Cloud Medical Group - NW- IHN	461	61.2%	56.7%	65.5%	Above
EH East Lakeside Clinic	180	61.1%	53.8%	67.9%	Average
Affiliated Community Medical Centers- Marshall Clinic	365	61.1%	56.0%	66.0%	Above
EH East Superior Clinic	272	61.0%	55.1%	66.6%	Average
EH West Moorhead	164	61.0%	53.3%	68.1%	Average
Mayo Clinic Health System Austin	602	61.0%	57.0%	64.8%	Above
EH West Walker Clinic	87	60.9%	50.4%	70.5%	Average
EH East Hermantown Clinic	284	60.9%	55.1%	66.4%	Average
Allina Health - North Branch	61	60.7%	48.1%	71.9%	Average
EH East Spooner Clinic	127	60.6%	51.9%	68.7%	Average
Sanford Cass Lake Clinic	76	60.5%	49.3%	70.8%	Average
EH East Hayward Clinic	152	60.5%	52.6%	68.0%	Average
HealthPartners - Inver Grove Heights	129	60.5%	51.8%	68.5%	Average
EH East Deer River Clinic	263	60.5%	54.4%	66.2%	Average
Stillwater Medical Group - Curve Crest Clinic	551	60.4%	56.3%	64.4%	Above
Fairview Lino Lakes Clinic	174	60.3%	52.9%	67.3%	Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	156	60.3%	52.4%	67.6%	Average
Northwest Family Physicians - Plymouth	98	60.2%	50.3%	69.3%	Average
Fairview Blaine Clinic	198	60.1%	53.2%	66.7%	Average
Allina Health Specialties - New Ulm Medical Center	465	60.0%	55.5%	64.4%	Average
Mayo Clinic Health System Albert Lea	650	59.7%	55.9%	63.4%	Above
Sanford Health Mahanomen Clinic	47	59.6%	45.3%	72.4%	Average
Prairie Ridge Hospital & Health Services - Morris	47	59.6%	45.3%	72.4%	Average
Park Nicollet Clinic - Shakopee	411	59.4%	54.6%	64.0%	Average
CentraCare Health Plaza-Family Medicine	295	59.3%	53.6%	64.8%	Average
St. Cloud Medical Group - South -IHN	342	59.1%	53.8%	64.2%	Average
Sanford Moorhead Clinic - Family Medicine	117	59.0%	49.9%	67.5%	Average
Entira Family Clinics - Shoreview	90	58.9%	48.6%	68.5%	Average
Allina Health - Faribault	462	58.9%	54.3%	63.3%	Average
FirstLight Health System - Mora	379	58.8%	53.8%	63.7%	Average
Park Nicollet Clinic - Carlson	262	58.8%	52.7%	64.6%	Average
Fairview Hugo Clinic	99	58.6%	48.7%	67.8%	Average
Gateway Family Health Clinic - Sandstone	484	58.5%	54.0%	62.8%	Average
HealthPartners - Anoka	390	58.5%	53.5%	63.3%	Average
HealthPartners - Midway	497	58.4%	54.0%	62.6%	Average
Allina Health - East Lake Street (Aspen)	285	58.3%	52.5%	63.8%	Average
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	134	58.2%	49.7%	66.2%	Average
Mayo Clinic Health System St. James	134	58.2%	49.7%	66.2%	Average
Sawtooth Mountain Clinic, Inc	210	58.1%	51.3%	64.6%	Average
North Memorial Clinic - Camden	229	58.1%	51.6%	64.3%	Average
Riverwood Aitkin Clinic	274	58.0%	52.1%	63.7%	Average
Fairview Riverside Primary Care Clinic	200	58.0%	51.1%	64.6%	Average
Sanford Fargo Broadway Clinic - Internal Medicine	107	57.9%	48.5%	66.9%	Average
Hennepin County Medical Center (HCMC) Clinics -Richfield Clinic	406	57.9%	53.0%	62.6%	Average
HealthPartners - Riverside	401	57.6%	52.7%	62.4%	Average
Ridgeview Chanhassen Clinic	106	57.6%	48.0%	66.5%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	94	57.5%	47.4%	67.0%	Average
Lakewood Health System - Browerville Clinic	136	57.4%	49.0%	65.4%	Average

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Duluth Family Medicine Clinic	274	57.3%	51.4%	63.0%	Average
Ortonville Area Health Services-Northside Medical Clinic	98	57.1%	47.3%	66.5%	Average
HealthPartners - St Paul	732	57.1%	53.5%	60.6%	Average
Range Reg. Htlh. Svcs. dba Fairview Mesaba Clinic - Hibbing	321	57.0%	51.5%	62.3%	Average
Altru Health System - Roseau	185	56.8%	49.6%	63.7%	Average
Family Medical Center	550	56.7%	52.6%	60.8%	Average
St. Croix Regional Medical Center - Lindstrom Clinic	30	56.7%	39.2%	72.6%	Average
Sanford Health Wahpeton Clinic	101	56.4%	46.7%	65.7%	Average
North Memorial Clinic - Maple Grove	142	56.3%	48.1%	64.2%	Average
EH West Park Rapids Clinic	366	56.3%	51.2%	61.3%	Average
Family Practice Medical Center of Willmar	343	56.3%	51.0%	61.4%	Average
Lakewood Health System - Staples Clinic	128	56.3%	47.6%	64.5%	Average
Allina Health Spec. - Winthrop Area Clinic - New Ulm Med. Ctr.	32	56.3%	39.3%	71.8%	Average
North Memorial Clinic - Northeast Family Physicians	169	56.2%	48.7%	63.5%	Average
CentraCare Health Paynesville- Eden Valley	41	56.1%	41.0%	70.1%	Average
EH West Bagely Clinic	41	56.1%	41.0%	70.1%	Average
Grand Itasca Clinic	783	56.1%	52.6%	59.5%	Average
Sanford Health Valley City Clinic	66	56.1%	44.1%	67.4%	Average
CentraCare Health Paynesville- Richmond	66	56.1%	44.1%	67.4%	Average
Valley Family Practice	66	56.1%	44.1%	67.4%	Average
FamilyHealth Medical Clinic - Northfield	75	56.0%	44.8%	66.7%	Average
Sanford Health Wheaton Clinic	34	55.9%	39.5%	71.1%	Average
Mayo Clinic - Kasson	120	55.8%	46.9%	64.4%	Average
HealthPartners - Nokomis	88	55.7%	45.3%	65.6%	Average
HealthPartners - Apple Valley	209	55.5%	48.7%	62.1%	Average
Sanford Health Parkers Prairie Clinic	47	55.3%	41.3%	68.6%	Average
EH West Wahpeton Clinic	47	55.3%	41.3%	68.6%	Average
Mayo Clinic Health System Red Wing in Zumbrota	85	55.3%	44.7%	65.4%	Average
North Memorial Clinic - Arbor Lakes	143	55.2%	47.1%	63.2%	Average
Sanford Aberdeen Clinic	49	55.1%	41.3%	68.2%	Average
Sanford Thief River Falls Clinic	218	55.1%	48.4%	61.5%	Average
Fairview North Branch Clinic	222	55.0%	48.4%	61.4%	Average
Fairview Bloomington Lake Minneapolis	288	54.9%	49.1%	60.5%	Average
Perham Health New York Mills Clinic	31	54.8%	37.8%	70.8%	Average
Altru Health System - Family Medicine Center	135	54.8%	46.4%	63.0%	Average
Hennepin County Medical Ctr. Clinics - Brooklyn Center Clinic	322	54.7%	49.2%	60.0%	Average
FirstLight Health System - Pine City	161	54.7%	47.0%	62.2%	Average
^University of MN Health - Women's Health Specialists Clinic	97	54.6%	44.7%	64.2%	Average
Lakewood Health System - Pillager Clinic	174	54.6%	47.2%	61.8%	Average
Park Nicollet Clinic - Rogers	33	54.6%	38.0%	70.2%	Average
Sanford Bagley Clinic	110	54.6%	45.2%	63.5%	Average
Park Nicollet Clinic - Shorewood	92	54.4%	44.2%	64.2%	Average
EH East Ely Clinic	243	54.3%	48.0%	60.5%	Average
Park Nicollet Clinic - Champlin	52	53.9%	40.5%	66.7%	Average
Park Nicollet Clinic - Wayzata	160	53.8%	46.0%	61.3%	Average
North Memorial Clinic - Plymouth City Center	67	53.7%	41.9%	65.1%	Average
Sanford Sheldon Clinic	41	53.7%	38.8%	67.9%	Average
North Memorial Clinic, Silver Lake - St. Anthony	289	53.6%	47.9%	59.3%	Average
EH West Menahga Clinic	69	53.6%	42.0%	64.9%	Average
France Avenue Family Physicians - MN Healthcare Network	97	53.6%	43.7%	63.2%	Average



**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Affiliated Community Medical Centers - Litchfield Clinic (West)	112	53.6%	44.4%	62.5%	Average
EH East Ashland Clinic	155	53.6%	45.7%	61.2%	Average
Park Nicollet Clinic - Prior Lake	159	53.5%	45.7%	61.0%	Average
Stellis Health- Buffalo-IHN	365	53.4%	48.3%	58.5%	Average
Allina Health - Oakdale Clinic	30	53.3%	36.1%	69.8%	Average
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	75	53.3%	42.2%	64.2%	Average
EH East Proctor Clinic	90	53.3%	43.1%	63.3%	Average
EH West Fosston Clinic	216	53.2%	46.6%	59.8%	Average
Sanford West Fargo Clinic - Family Medicine	49	53.1%	39.4%	66.3%	Average
Range Reg.Hlth. Svcs. dba Fairview Mesaba Clinic-Mountain Iron	119	52.9%	44.0%	61.7%	Average
North Memorial Clinic, Silver Lake - Blaine	121	52.9%	44.1%	61.6%	Average
Riverwood McGregor Clinic	208	52.9%	46.1%	59.6%	Average
Hennepin County Med. Ctr. Clinics - Downtown Medicine Clinic	2,635	52.9%	51.0%	54.8%	Below
CentraCare Clinic - Becker	70	52.9%	41.3%	64.1%	Average
Chippewa County Montevideo Hospital & Medical Clinic	231	52.8%	46.4%	59.2%	Average
Mayo Clinic Health System Waterville	36	52.8%	37.0%	68.0%	Average
RiverView Clinic North	74	52.7%	41.5%	63.7%	Average
Renville County Hospital and Clinics - Olivia	97	52.6%	42.7%	62.2%	Average
Sanford Jackson Clinic	61	52.5%	40.2%	64.5%	Average
Affiliated Community Medical Centers - Redwood Falls Clinic	189	52.4%	45.3%	59.4%	Average
HealthEast Midway Clinic	319	52.4%	46.9%	57.8%	Average
Park Nicollet Clinic - Brookdale	595	52.3%	48.3%	56.3%	Average
Stellis Health-Monticello: IHN	268	52.2%	46.3%	58.2%	Average
North Memorial Clinic - Golden Valley Physicians	205	52.2%	45.4%	58.9%	Average
Richfield Medical Group	115	52.2%	43.1%	61.1%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	639	52.1%	48.2%	56.0%	Average
HealthPartners Central Minnesota Clinics	483	52.0%	47.5%	56.4%	Average
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Nashauk	102	52.0%	42.4%	61.4%	Average
Park Nicollet Clinic - Bloomington	268	51.9%	45.9%	57.8%	Average
Raiter Clinic-IHN	372	51.6%	46.5%	56.7%	Average
Sanford Hawley Clinic	33	51.5%	35.2%	67.5%	Average
Ridgeview Gaylord Clinic	33	51.5%	35.2%	67.5%	Average
Sanford Health Walker Clinic	68	51.5%	39.8%	63.0%	Average
Riverwood Garrison Clinic	70	51.4%	40.0%	62.8%	Average
Hendricks Clinic	35	51.4%	35.6%	67.0%	Average
EH Central Hackensack Clinic	35	51.4%	35.6%	67.0%	Average
EH East Chisholm Clinic	35	51.4%	35.6%	67.0%	Average
Hutchinson Health - Hutchinson Clinic	422	51.4%	46.7%	56.2%	Average
Cuyuna Regional Medical Center-Clinic Services	430	51.4%	46.7%	56.1%	Average
Park Nicollet Clinic - Chanhassen	366	51.4%	46.3%	56.5%	Average
Ridgeview Winthrop Clinic	39	51.3%	36.2%	66.1%	Average
Hennepin County Medical Center Clinics - East Lake Clinic	397	51.1%	46.2%	56.0%	Average
North Clinic - Maple Grove Office	141	51.1%	42.9%	59.2%	Average
Scenic Rivers Health Services - Bigfork/Big Falls	188	51.1%	44.0%	58.1%	Average
EH East International Falls Clinic	251	51.0%	44.8%	57.1%	Average
West Side Community Health Services - East Side Family Clinic	537	50.8%	46.6%	55.1%	Below
Ridgeview Arlington Clinic	63	50.8%	38.8%	62.7%	Average
University of MN Physicians - Bethesda Family Medicine Clinic	674	50.7%	47.0%	54.5%	Below
NorthPoint Health & Wellness Center	1,454	50.7%	48.1%	53.3%	Below
HealthEast Oakdale	292	50.7%	45.0%	56.4%	Average



**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Sanford Fargo North Fargo Clinic	75	50.7%	39.6%	61.7%	Average
Hennepin Co. Med. Ctr. Clinics - Internal Med. Clinic at Parkside	391	50.6%	45.7%	55.6%	Below
University of MN Physicians - Phalen Village Family Med. Clinic	412	50.2%	45.4%	55.1%	Below
Entira Family Clinics - Como/Roseville	186	50.0%	42.9%	57.1%	Average
Altru Health System - Professional Center	34	50.0%	34.1%	65.9%	Average
Sanford Health Windom Clinic	40	50.0%	35.2%	64.8%	Average
Allina Health - Minnetonka	36	50.0%	34.5%	65.5%	Average
FamilyHealth Medical Clinic - Lonsdale	36	50.0%	34.5%	65.5%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	1,057	49.9%	46.9%	52.9%	Below
Park Nicollet Clinic - Burnsville	642	49.7%	45.8%	53.6%	Below
North Clinic - Osseo Office	153	49.7%	41.9%	57.5%	Average
Park Nicollet Clinic - Creekside	168	49.4%	41.9%	56.9%	Average
EH East Hibbing Clinic	164	49.4%	41.8%	57.0%	Average
Mankato Clinic - Daniel's Health Center	75	49.3%	38.3%	60.4%	Average
Altru Health System - Warroad	67	49.3%	37.7%	60.9%	Average
Mayo Clinic Health System Lake City	126	49.2%	40.6%	57.8%	Average
Hennepin County Med. Ctr. Clinics - St. Anthony Village Clinic	112	49.1%	40.0%	58.2%	Average
Tri-County Health Care - Wadena Clinic	394	49.0%	44.1%	53.9%	Below
Sanford Health Mountain Lake Clinic	45	48.9%	35.0%	63.0%	Average
Glencoe Regional Health Services - Glencoe	219	48.9%	42.3%	55.4%	Below
Ridgeview Chaska Clinic	39	48.7%	33.9%	63.8%	Average
Olmsted Medical Center - Rochester Southeast	641	48.7%	44.8%	52.5%	Below
North Clinic - Plymouth	177	48.6%	41.3%	55.9%	Average
Lac Qui Parle Clinic	66	48.5%	36.9%	60.3%	Average
CentraCare Health- Paynesville Clinic	153	48.4%	40.6%	56.2%	Average
Olmsted Medical Center - Stewartville Clinic	91	48.4%	38.4%	58.5%	Average
HealthEast Woodbury Clinic	269	48.3%	42.4%	54.3%	Below
EH Central Pequot Lakes Clinic	89	48.3%	38.2%	58.6%	Average
Integracare Ltd dba Williams Clinic	112	48.2%	39.2%	57.4%	Average
Altru Health System - Crookston	156	48.1%	40.4%	55.9%	Average
Cuyuna Regional Medical Center - Baxter	104	48.1%	38.7%	57.6%	Average
Sanford East Grand Forks Clinic	92	47.8%	37.9%	57.9%	Average
North Memorial Clinic - Brooklyn Center Physicians	247	47.8%	41.6%	54.0%	Below
Mayo Clinic Health System Plainview	44	47.7%	33.8%	62.1%	Average
Hennepin County Med. Ctr. Clinics - Positive Care Clinic	277	47.7%	41.8%	53.5%	Below
West Side Community Health Services - La Clinica	376	47.6%	42.6%	52.7%	Below
Altru Health System - Main	160	47.5%	39.9%	55.2%	Below
Gundersen Health System - Harmony Clinic	59	47.5%	35.3%	60.0%	Average
Avera Medical Group - Windom	57	47.4%	35.0%	60.1%	Average
Affiliated Community Medical Centers - Benson Clinic	131	47.3%	39.0%	55.8%	Average
Olmsted Medical Center - Preston Clinic	74	47.3%	36.3%	58.5%	Average
Park Nicollet Clinic and Specialty Center - Maple Grove	258	47.3%	41.3%	53.4%	Below
FirstLight Health System - Hinckley	127	47.2%	38.8%	55.9%	Average
Entira Family Clinics - Woodbury	187	47.1%	40.0%	54.2%	Below
Avera Medical Group - Worthington	234	47.0%	40.7%	53.4%	Below
Northwest Family Physicians - Rogers	83	47.0%	36.6%	57.6%	Average
Hutchinson Health - Dassel Clinic	32	46.9%	30.9%	63.6%	Average
Olmsted Medical Center - St. Charles Clinic	62	46.8%	34.9%	59.0%	Average
Olmsted Medical Center - Pine Island Clinic	56	46.4%	34.0%	59.3%	Average
North Clinic - Oakdale Office in Robbinsdale	294	46.3%	40.6%	52.0%	Below

**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Lake Region Healthcare - Barnesville Clinic	65	46.2%	34.6%	58.2%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	566	46.1%	42.1%	50.2%	Below
Ridgeview Delano Clinic	128	46.1%	37.7%	54.7%	Below
Lake Region Healthcare Clinic Services - Fergus Falls	458	45.9%	41.3%	50.4%	Below
Renville County Hospital and Clinics - Renville	48	45.8%	32.6%	59.7%	Average
Southside Medical Clinic	155	45.8%	38.2%	53.7%	Below
Fairview Pine City Clinic	118	45.8%	37.1%	54.7%	Below
Winona Health - Winona Clinic	708	45.8%	42.1%	49.5%	Below
Entira Family Clinics - West St. Paul	164	45.7%	38.3%	53.4%	Below
HealthEast Rice Street Clinic	860	45.5%	42.2%	48.8%	Below
HealthEast Downtown St. Paul Clinic	339	45.4%	40.2%	50.8%	Below
Scenic Rivers Health Services - Cook	115	45.2%	36.4%	54.3%	Below
CentraCare Health- Family Health Center	436	45.2%	40.6%	49.9%	Below
Hennepin County Medical Ctr. Clinics - Golden Valley Clinic	144	45.1%	37.2%	53.3%	Below
Mille Lacs Health System - Onamia	1218	45.0%	42.2%	47.8%	Below
HealthEast Roseville Clinic	98	44.9%	35.4%	54.8%	Below
EH West Ada Clinic	49	44.9%	31.9%	58.7%	Average
United Family Medicine	858	44.9%	41.6%	48.2%	Below
North Memorial Clinic - Brooklyn Park Physicians	261	44.8%	38.9%	50.9%	Below
Sanford Luverne Clinic	105	44.8%	35.6%	54.3%	Below
HealthEast Stillwater Clinic	85	44.7%	34.6%	55.3%	Below
Sanford Health Jamestown Clinic	141	44.7%	36.7%	52.9%	Below
HealthEast Cottage Grove Clinic	162	44.4%	37.0%	52.1%	Below
Sanford Health Pelican Rapids Clinic	36	44.4%	29.5%	60.4%	Average
Hennepin County Medical Ctr. Clinics - Brooklyn Park Clinic	337	44.2%	39.0%	49.6%	Below
Lake Superior Community Health Center - Duluth	292	44.2%	38.6%	49.9%	Below
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	34	44.1%	28.9%	60.6%	Average
Entira Family Clinics - North St. Paul	256	43.8%	37.8%	49.9%	Below
Community-University Health Care Center	693	43.7%	40.1%	47.4%	Below
Olmsted Medical Center - Byron Clinic	55	43.6%	31.4%	56.7%	Average
FamilyHealth Medical Clinic - Farmington	39	43.6%	29.3%	59.0%	Average
EH Central Pine River Clinic	239	43.5%	37.4%	49.9%	Below
Tri-County Health Care - Henning Clinic	69	43.5%	32.4%	55.2%	Below
HealthEast Grand Avenue Clinic	329	43.5%	38.2%	48.9%	Below
HealthEast Hugo Clinic	99	43.4%	34.1%	53.3%	Below
Northwest Family Physicians - Crystal	311	43.4%	38.0%	49.0%	Below
Kittson Memorial Clinic - Hallock	30	43.3%	27.4%	60.8%	Average
Mayo Clinic Health System Wells	51	43.1%	30.5%	56.7%	Average
Johnson Memorial Health Services - Dawson Clinic	79	43.0%	32.7%	54.0%	Below
HealthEast Maplewood Clinic	258	43.0%	37.1%	49.1%	Below
Ridgeview Westonka Clinic	205	42.9%	36.3%	49.8%	Below
Prairie Ridge Hospital & Health Services - Elbow Lake	89	42.7%	32.9%	53.1%	Below
Hudson Physicians	251	42.6%	36.7%	48.8%	Below
HealthPartners - Cottage Grove	61	42.6%	31.0%	55.1%	Below
St. Croix Regional Medical Center - St. Croix Falls Clinic	85	42.4%	32.4%	53.0%	Below
Gateway Family Health Clinic - Hinckley	88	42.1%	32.3%	52.5%	Below
Community Medical Center Pierz	31	41.9%	26.4%	59.2%	Average
Synergy Family Physicians, P.A.	43	41.9%	28.4%	56.7%	Average
Park Nicollet Clinic - Lakeville	36	41.7%	27.1%	57.8%	Average
North Memorial Clinic - Elk River Physicians	108	41.7%	32.8%	51.1%	Below



**Table 24.1: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Sanford Fargo Resident Clinic	60	41.7%	30.1%	54.3%	Below
Avera - Pipestone County Medical Center	149	41.6%	34.0%	49.6%	Below
Multicare Associates - Fridley Medical Center	373	41.6%	36.7%	46.6%	Below
Olmsted Medical Center - Chatfield Clinic	70	41.4%	30.6%	53.1%	Below
West Side Community Health Services-McDonough Homes Clinic	295	41.4%	35.9%	47.1%	Below
Allina Health - Edina Family Physicians	246	41.1%	35.1%	47.3%	Below
Park Nicollet Clinic - Minneapolis	512	41.0%	36.8%	45.3%	Below
Entira Family Clinics - White Bear Lake/Banning Ave	131	40.5%	32.4%	49.0%	Below
Altru Health System - Grand Forks Family Medicine Residency	57	40.4%	28.6%	53.3%	Below
Neighborhood HealthSource - Fremont Clinic	196	40.3%	33.7%	47.3%	Below
Entira Family Clinics - East Side	316	40.2%	34.9%	45.7%	Below
EH West Jamestown Clinic	30	40.0%	24.6%	57.7%	Average
North Memorial - Minnetonka Medical Center	53	39.6%	27.6%	53.1%	Below
University of MN Physicians - Broadway Family Medicine Clinic	490	39.6%	35.4%	44.0%	Below
HealthEast Tamarack Clinic Woodbury	153	39.2%	31.8%	47.1%	Below
Entira Family Clinics - Maplewood/Battle Creek	202	39.1%	32.6%	46.0%	Below
Tyler Medical Clinic - Avera	57	38.6%	27.1%	51.6%	Below
River's Edge Clinic - St. Peter	39	38.5%	24.9%	54.1%	Below
Olmsted Medical Center - Rochester Northwest	164	38.4%	31.3%	46.0%	Below
HealthEast Roselawn Clinic	835	38.2%	35.0%	41.6%	Below
LakeWood Health Center Clinic	113	38.1%	29.6%	47.3%	Below
Avera Medical Group - Marshall	87	37.9%	28.5%	48.4%	Below
Glencoe Regional Health Services - Lester Prairie	45	37.8%	25.1%	52.4%	Below
Scandia Clinic	56	37.5%	26.0%	50.6%	Below
Scenic Rivers Health Services - Floodwood	40	37.5%	24.2%	53.0%	Below
Stellis Health-St. Michael Clinic: IHN	59	37.3%	26.1%	50.1%	Below
Multicare Associates - Blaine Medical Center	324	37.0%	32.0%	42.4%	Below
Neighborhood HealthSource - Sheridan Clinic	87	36.8%	27.4%	47.3%	Below
Madelia Community Hospital & Clinic	55	36.4%	24.9%	49.6%	Below
Vibrant Health Family Clinics and MN Health Network-River Falls	80	36.3%	26.6%	47.2%	Below
Ridgeview Excelsior Clinic	76	35.5%	25.7%	46.7%	Below
Sleepy Eye Medical Center	68	35.3%	25.0%	47.2%	Below
Affiliated Community Medical Centers - Granite Falls Clinic	134	35.1%	27.5%	43.5%	Below
Apple Valley Medical Clinic - Family Practice	345	34.8%	30.0%	40.0%	Below
Ridgeview Winsted Clinic	55	34.6%	23.4%	47.8%	Below
Olmsted Medical Center - Spring Valley Clinic	54	33.3%	22.2%	46.6%	Below
Tri-County Health Care - Ottertail Clinic	39	33.3%	20.6%	49.0%	Below
Multicare Associates - Roseville Medical Center	142	33.1%	25.9%	41.2%	Below
Indian Health Board of Minneapolis	121	33.1%	25.3%	41.9%	Below
Hennepin County Med. Ctr. Clinics - Coordinated Care Clinic	144	31.9%	24.9%	39.9%	Below
Life Medical	166	31.3%	24.8%	38.7%	Below
Neighborhood HealthSource-Central Clinic	204	29.9%	24.0%	36.5%	Below
Appleton Clinic	48	29.2%	18.2%	43.2%	Below
Stillwater Medical Group - Mahtomedi Clinic	39	28.2%	16.5%	43.8%	Below
Park Nicollet Clinic - Women's Center - OBGYN	46	23.9%	13.9%	37.9%	Below
Ridgeview Howard Lake Clinic	38	23.7%	13.0%	39.2%	Below
Allina Hlth. Spec. -Abbott Northwestern General Med. Assoc. - Mpls	32	21.9%	11.0%	38.8%	Below
Open Door Health Center	143	18.2%	12.7%	25.3%	Below
Native American Community Clinic	226	17.3%	12.9%	22.7%	Below
Cedar Riverside People's Center - People's Center Medical Clinic	1027	6.9%	5.5%	8.6%	Below
Bluestone Physician Services	433	6.5%	4.5%	9.2%	Below

**Table 24.2: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
^Southdale Ob/Gyn Consultants	54	85.2%	73.4%	92.3%	Above
Stevens Community Medical Center	39	82.0%	67.3%	91.0%	Above
^Obstetrics and Gynecology Associates	187	81.3%	75.1%	86.2%	Above
^Partners Ob/Gyn	76	76.3%	65.6%	84.5%	Above
Edina Sports Health & Wellness	49	75.5%	61.9%	85.4%	Above
Burnsville Family Physicians	76	73.7%	62.8%	82.3%	Above
Fairview Health Services	9,437	66.7%	65.8%	67.7%	Above
^Western ObGyn	39	66.7%	51.0%	79.4%	Average
Allina Health Clinics	12,509	66.1%	65.3%	67.0%	Above
Comprehensive Healthcare for Women	32	65.6%	48.3%	79.6%	Average
Mayo Clinic	1,101	63.9%	61.1%	66.7%	Above
^Metropolitan Obstetrics & Gynecology	72	63.9%	52.4%	74.0%	Average
Mayo Clinic Health System	5,213	63.7%	62.4%	65.0%	Above
AALFA Family Clinic	46	63.0%	48.6%	75.5%	Average
HealthPartners Clinics	7,119	62.9%	61.7%	64.0%	Above
Parkview Medical Clinic - Minnesota Healthcare Network	48	62.5%	48.4%	74.8%	Average
Alexandria Clinic	569	61.7%	57.6%	65.6%	Above
Mankato Clinic, Ltd.	805	61.6%	58.2%	64.9%	Above
CentraCare Health	2,329	60.3%	58.3%	62.3%	Above
Allina Health Specialties	658	60.0%	56.2%	63.7%	Above
Essentia Health	7,320	60.0%	58.9%	61.1%	Above
^OBGYN West	45	60.0%	45.5%	73.0%	Average
Gateway Family Health Clinic	1,247	59.9%	57.2%	62.6%	Above
Lakewood Health System	624	59.1%	55.2%	62.9%	Average
Stillwater Medical Group	593	58.5%	54.5%	62.4%	Average
Sawtooth Mountain Clinic	210	58.1%	51.3%	64.6%	Average
Sanford Health - Fargo Region	3,283	58.1%	56.4%	59.8%	Above
Affiliated Community Medical Centers	1,933	57.5%	55.3%	59.7%	Average
Duluth Family Medicine Clinic	274	57.3%	51.4%	63.0%	Average
Ortonville Area Health Services-Northside Medical Clinic	98	57.1%	47.3%	66.5%	Average
Gundersen Health System	165	57.0%	49.3%	64.3%	Average
Family Practice Medical Center of Willmar	343	56.3%	51.0%	61.4%	Average
Unity Family Healthcare, Family Medical Center	609	56.2%	52.2%	60.1%	Average
Grand Itasca Clinic	783	56.1%	52.6%	59.5%	Average
Valley Family Practice- MHN	66	56.1%	44.1%	67.4%	Average
FirstLight Health System	667	55.6%	51.8%	59.4%	Average
Riverwood Healthcare Center	552	55.3%	51.1%	59.4%	Average
Fairview Mesaba Clinics	542	55.2%	51.0%	59.3%	Average
Park Nicollet Health Services	5,956	54.0%	52.7%	55.2%	Below
Sanford Health - Sioux Falls Region	1,025	53.8%	50.7%	56.8%	Average
France Avenue Family Physicians -MN Healthcare Network	97	53.6%	43.7%	63.2%	Average
Oakdale Ob/Gyn	75	53.3%	42.2%	64.2%	Average
^Chippewa County Montevideo Hospital & Medical Clinic	240	52.5%	46.2%	58.7%	Average
FamilyHealth Medical Clinics	172	52.3%	44.9%	59.7%	Average
Sibley Medical Center DBA Ridgeview Sibley Medical Center	155	52.3%	44.4%	60.0%	Average
Richfield Medical Group	115	52.2%	43.1%	61.1%	Average
HealthPartners Central Minnesota Clinics	483	52.0%	47.5%	56.4%	Average
North Memorial	2,215	52.0%	49.9%	54.0%	Below
Altru Health System	944	51.4%	48.2%	54.6%	Below
Hutchinson Health	454	51.1%	46.5%	55.7%	Average

**Table 24.2: 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
Statewide Average	107,976	55.6%	55.3%	55.9%	
Hennepin County Medical Center (HCMC) Clinics	6,322	51.0%	49.8%	52.2%	Below
Renville County Hospital and Clinics	169	50.9%	43.4%	58.3%	Average
University of Minnesota Physicians	2,887	50.9%	49.1%	52.7%	Below
NorthPoint Health & Wellness Center	1,454	50.7%	48.1%	53.3%	Below
Cuyuna Regional Medical Center	556	50.0%	45.9%	54.1%	Below
Entira Family Clinics	2,011	48.9%	46.7%	51.1%	Below
Scenic Rivers Health Services	399	48.6%	43.8%	53.5%	Below
Lac Qui Parle Clinic	66	48.5%	36.9%	60.3%	Average
North Clinic	765	48.4%	44.8%	51.9%	Below
Williams Integracare Clinic	112	48.2%	39.2%	57.4%	Average
St. Luke's Clinics	58	47.8%	35.5%	60.4%	Average
West Side Community Health Services	1,208	47.5%	44.7%	50.3%	Below
Northwest Family Physicians	492	47.4%	43.0%	51.8%	Below
Tri-County Health Care	564	47.3%	43.3%	51.5%	Below
RiverView Health	108	47.2%	38.1%	56.6%	Average
Glencoe Regional Health Services	276	46.7%	40.9%	52.6%	Below
Hendricks Community Hospital Association	52	46.2%	33.3%	59.5%	Average
Southside Community Health Services	167	46.1%	38.7%	53.7%	Below
Lake Region Healthcare	551	46.1%	42.0%	50.3%	Below
Olmsted Medical Center	1,337	45.7%	43.1%	48.4%	Below
Prairie Ridge Hospital & Health Services	150	45.3%	37.6%	53.3%	Below
HealthEast Clinics	4245	45.0%	43.5%	46.5%	Below
Mille Lacs Health System	1,218	45.0%	42.2%	47.8%	Below
Winona Health Services	737	44.9%	41.4%	48.5%	Below
United Family Medicine	858	44.9%	41.6%	48.2%	Below
Lake Superior Community Health Center	292	44.2%	38.6%	49.9%	Below
Community University Health Care Center	693	43.7%	40.1%	47.4%	Below
Ridgeview Clinics	647	43.6%	39.8%	47.4%	Below
Avera Medical Group	592	43.6%	39.6%	47.6%	Below
Dawson Clinic	79	43.0%	32.7%	54.0%	Below
Hudson Physicians - Minnesota Healthcare Network	251	42.6%	36.7%	48.8%	Below
St. Croix Regional Medical Center	172	42.4%	35.3%	49.9%	Below
Synergy Family Physicians, P.A	43	41.9%	28.4%	56.7%	Average
Multicare Associates	839	38.4%	35.2%	41.7%	Below
Lakewood Health Center Clinic	113	38.1%	29.6%	47.3%	Below
Scandia Clinic	56	37.5%	26.0%	50.6%	Below
Madelia Community Hospital & Clinic	55	36.4%	24.9%	49.6%	Below
Vibrant Health Family Clinics and Minnesota Health Network	113	36.3%	28.0%	45.5%	Below
River's Edge Hospital & Clinic	42	35.7%	23.0%	50.8%	Below
Kittson Memorial Clinic	45	35.6%	23.2%	50.2%	Below
Neighborhood Healthsource	487	35.3%	31.2%	39.7%	Below
Sleepy Eye Medical Center	68	35.3%	25.0%	47.2%	Below
Apple Valley Medical Clinic	345	34.8%	30.0%	40.0%	Below
Indian Health Board of Minneapolis	121	33.1%	25.3%	41.9%	Below
Life Medical	166	31.3%	24.8%	38.7%	Below
Appleton Area Health Services	48	29.2%	18.2%	43.2%	Below
Open Door Health Center	143	18.2%	12.7%	25.3%	Below
Native American Community Clinic	226	17.3%	12.9%	22.7%	Below
Cedar Riverside People's Center	1,046	6.8%	5.4%	8.5%	Below
Bluestone Physician Services	433	6.5%	4.5%	9.2%	Below



**Table 25: 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
Medical Group Average	14,940	89.6%	89.1%	90.1%	
# Central Pediatrics	67	100.0%	94.6%	100.0%	Above
# South Lake Pediatrics	49	100.0%	92.7%	100.0%	Above
# Wayzata Children's Clinic	46	100.0%	92.3%	100.0%	Above
# All About Children Pediatrics - Children's Health Network	41	100.0%	91.4%	100.0%	Above
* MinuteClinic	484	100.0%	99.2%	100.0%	Above
* Priority Pediatrics Urgent Care	60	100.0%	94.0%	100.0%	Above
# Pediatric and Adolescent Services	215	99.5%	97.4%	99.9%	Above
# Pediatric & Young Adult Medicine	125	98.4%	94.4%	99.6%	Above
* Express Healthcare	122	98.4%	94.2%	99.6%	Above
HealthPartners Clinics	1206	98.3%	97.4%	98.9%	Above
# Fridley Children's & Teenagers' Medical Center - CPN	110	98.2%	93.6%	99.5%	Above
Target Clinic	504	98.0%	96.4%	98.9%	Above
Mayo Clinic Health System - Red Wing	50	98.0%	89.5%	99.7%	Average
# Children's Health Care	1413	97.7%	96.8%	98.4%	Above
# Children's Clinic Network	239	97.1%	94.1%	98.6%	Above
Stillwater Medical Group	63	96.8%	89.1%	99.1%	Average
Park Nicollet Health Services	786	96.3%	94.8%	97.4%	Above
Apple Valley Medical Clinic	136	95.6%	90.7%	98.0%	Above
Lakeview Clinic	45	95.6%	85.2%	98.8%	Average
Winona Health Services	112	95.5%	90.0%	98.1%	Above
Glencoe Regional Health Services	63	95.2%	86.9%	98.4%	Average
Family Practice Medical Center of Willmar	39	94.9%	83.1%	98.6%	Average
Grand Itasca Clinic	129	94.6%	89.2%	97.4%	Average
Fairview Medical Group	590	94.4%	92.3%	96.0%	Above
Mankato Clinic, Ltd.	250	94.0%	90.3%	96.3%	Above
Ridgeview Clinics	95	93.7%	86.9%	97.1%	Average
Multicare Associates	75	93.3%	85.3%	97.1%	Average
HealthEast Clinics	59	93.2%	83.8%	97.3%	Average
Riverwood Healthcare Center	43	93.0%	81.4%	97.6%	Average
FirstLight Health System	97	92.8%	85.9%	96.5%	Average
FamilyHealth Medical Clinics	55	92.7%	82.7%	97.1%	Average
Allina Health Specialties	641	92.4%	90.0%	94.2%	Above
* Emergency Physicians, P.A.	389	92.3%	89.2%	94.5%	Average
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	86	91.9%	84.1%	96.0%	Average
Entira Family Clinics	85	91.8%	84.0%	96.0%	Average
CentraCare Health	298	91.6%	87.9%	94.3%	Average
University of Minnesota Physicians	59	91.5%	81.7%	96.3%	Average
* Suburban Emergency Associates	102	91.2%	84.1%	95.3%	Average

**Table 25: 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
Medical Group Average	14,940	89.6%	89.1%	90.1%	
North Memorial	168	91.1%	85.8%	94.5%	Average
Chippewa County Montevideo Hospital & Medical Clinic	33	90.9%	76.4%	96.9%	Average
Mayo Clinic	152	88.2%	82.1%	92.4%	Average
Olmsted Medical Center	214	87.9%	82.8%	91.6%	Average
Mayo Clinic Health System - Albert Lea and Austin	202	87.6%	82.4%	91.5%	Average
St. Luke's Clinics	162	87.0%	81.0%	91.4%	Average
Buffalo Clinic, PA - IHN	53	86.8%	75.2%	93.5%	Average
Alexandria Clinic	90	86.7%	78.1%	92.2%	Average
Northwest Family Physicians	57	86.0%	74.7%	92.7%	Average
* Seven Day Clinic	48	85.4%	72.8%	92.8%	Average
Hutchinson Health	61	85.3%	74.3%	92.0%	Average
Affiliated Community Medical Centers	352	84.9%	80.8%	88.3%	Below
Lakewood Health System	68	83.8%	73.3%	90.7%	Average
Essentia Health	703	82.2%	79.2%	84.9%	Below
Glenwood Medical Center	37	81.1%	65.8%	90.5%	Average
Cuyuna Regional Medical Center	63	81.0%	69.6%	88.8%	Below
Mayo Clinic Health System-Owatonna	56	80.4%	68.2%	88.7%	Below
Mayo Clinic Health System - Mankato	61	80.3%	68.7%	88.4%	Below
Lake Region Healthcare	60	80.0%	68.2%	88.2%	Below
Sanford Health - Sioux Falls Region	121	79.3%	71.3%	85.6%	Below
Unity Family Healthcare - Avon	100	79.0%	70.0%	85.8%	Below
Mille Lacs Health System	31	77.4%	60.2%	88.6%	Below
Sanford Health - Fargo Region	670	77.3%	74.0%	80.3%	Below
Hennepin County Medical Center (HCMC) Clinics	181	76.2%	69.5%	81.9%	Below
Mayo Clinic Health System - Waseca	40	70.0%	54.6%	81.9%	Below
Fairview Mesaba Clinics	53	67.9%	54.5%	78.9%	Below
Tri-County Health Care	112	65.2%	56.0%	73.4%	Below
Avera Medical Group - Pipestone	82	61.0%	50.2%	70.8%	Below
Altru Health System	83	59.0%	48.3%	69.0%	Below
Stevens Community Medical Center	34	50.0%	34.1%	65.9%	Below
RiverView Health	55	49.1%	36.4%	61.9%	Below
Avera Med. Grp. - McGreevy Clinic, United Med. Ctr, Worthington Sp.Clinic	58	48.3%	35.9%	60.8%	Below
Mayo Clinic Health System - Fairmont	91	26.4%	18.4%	36.3%	Below
Thao Xoua MD	45	0.0%	0.0%	7.9%	Below



**Table 26: 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
Medical Group Average	23,898	93.2%	92.9%	93.5%	
Gateway Family Health Clinic	60	100.0%	94.0%	100.0%	Above
# South Lake Pediatrics	85	100.0%	95.7%	100.0%	Above
Community University Health Care Center	65	100.0%	94.4%	100.0%	Above
West Side Community Health Services	177	99.4%	96.9%	99.9%	Above
FirstLight Health System	115	99.1%	95.2%	99.9%	Above
United Family Medicine	101	99.0%	94.6%	99.8%	Above
University of Minnesota Physicians	292	99.0%	97.0%	99.7%	Above
Buffalo Clinic, PA - IHN	192	99.0%	96.3%	99.7%	Above
Hennepin County Medical Center (HCMC) Clinics	714	98.9%	97.8%	99.4%	Above
NorthPoint Health & Wellness Center	87	98.9%	93.8%	99.8%	Above
# Pediatric Services - Children's Physician Network	79	98.7%	93.2%	99.8%	Average
* MinuteClinic	137	98.5%	94.8%	99.6%	Above
# Wayzata Children's Clinic	58	98.3%	90.9%	99.7%	Average
Neighborhood Healthsource	58	98.3%	90.9%	99.7%	Average
HealthEast Clinics	259	98.1%	95.6%	99.2%	Above
Cedar Riverside People's Center	50	98.0%	89.5%	99.7%	Average
Lake Region Healthcare	98	98.0%	92.9%	99.4%	Average
Lakeview Clinic	97	97.9%	92.8%	99.4%	Average
* Express Healthcare	43	97.7%	87.9%	99.6%	Average
HealthPartners Clinics	1315	97.6%	96.6%	98.3%	Above
# Fridley Children's & Teenagers' Medical Center - CPN	122	97.5%	93.0%	99.2%	Average
Stillwater Medical Group	117	97.4%	92.7%	99.1%	Average
# Children's Clinic Network	329	97.3%	94.9%	98.6%	Above
# Central Pediatrics	72	97.2%	90.4%	99.2%	Average
Glencoe Regional Health Services	69	97.1%	90.0%	99.2%	Average
Advanced Medical Clinic	32	96.9%	84.3%	99.5%	Average
Winona Health Services	246	96.8%	93.7%	98.3%	Above
Allina Health Specialties	1563	96.5%	95.5%	97.3%	Above
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	84	96.4%	90.0%	98.8%	Average
* Target Clinic	247	96.4%	93.2%	98.1%	Above
Park Nicollet Health Services	1255	96.2%	95.0%	97.1%	Above
Gundersen Health System	50	96.0%	86.5%	98.9%	Average
Family Practice Medical Center of Willmar	75	96.0%	88.9%	98.6%	Average
* Emergency Physicians, P.A.	513	95.7%	93.6%	97.2%	Above
# Children's Health Care	1358	95.7%	94.4%	96.6%	Above
CentraCare Health	678	95.3%	93.4%	96.6%	Above
# Pediatric & Young Adult Medicine	82	95.1%	88.1%	98.1%	Average
North Memorial	408	95.1%	92.6%	96.8%	Average
Mille Lacs Health System	99	95.0%	88.7%	97.8%	Average
FamilyHealth Medical Clinics	59	94.9%	86.1%	98.3%	Average
Northwest Family Physicians	117	94.9%	89.3%	97.6%	Average
Scenic Rivers Health Services	39	94.9%	83.1%	98.6%	Average
# Southdale Pediatric Associates, Ltd	153	94.8%	90.0%	97.3%	Average
Chippewa County Montevideo Hospital & Medical Clinic	76	94.7%	87.2%	97.9%	Average
Fairview Medical Group	1398	94.7%	93.4%	95.8%	Above
Mayo Clinic	383	94.5%	91.8%	96.4%	Average
# Pediatric and Adolescent Services	53	94.3%	84.6%	98.1%	Average
* Priority Pediatrics Urgent Care	52	94.2%	84.4%	98.0%	Average
# All About Children Pediatrics - Children's Health Network	34	94.1%	80.9%	98.4%	Average

**Table 26: Appropriate Treatment for Children with URI 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
Medical Group Average	23,898	93.2%	92.9%	93.5%	
North Clinic	33	93.9%	80.4%	98.3%	Average
* Urgent Care Doctors Office	33	93.9%	80.4%	98.3%	Average
Mayo Clinic Health System - Waseca	96	93.8%	87.0%	97.1%	Average
St. Luke's Clinics	255	93.7%	90.1%	96.1%	Average
* Suburban Emergency Associates	143	93.7%	88.5%	96.7%	Average
Cuyuna Regional Medical Center	107	93.5%	87.1%	96.8%	Average
Unity Family Healthcare - Avon	137	93.4%	88.0%	96.5%	Average
Thao Xoua MD	44	93.2%	81.8%	97.7%	Average
Ridgeview Clinics	82	92.7%	84.9%	96.6%	Average
Hutchinson Health	108	92.6%	86.1%	96.2%	Average
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	39	92.3%	79.7%	97.4%	Average
Mayo Clinic Health System - St. James	52	92.3%	81.8%	97.0%	Average
Fairview Mesaba Clinics	140	92.1%	86.5%	95.6%	Average
Lakewood Health System	225	92.0%	87.7%	94.9%	Average
Affiliated Community Medical Centers	557	91.9%	89.4%	93.9%	Average
Sanford Health - Fargo Region	1148	90.8%	89.0%	92.3%	Below
Entira Family Clinics (formerly Family Health Services MN)	154	90.3%	84.6%	94.0%	Average
Avera Med. Grp.-McGreevy Clinic, United Med. Ctr., Worthington Sp. Clinic	182	90.1%	84.9%	93.7%	Average
Mayo Clinic Health System-Owatonna	240	90.0%	85.6%	93.2%	Below
Mayo Clinic Health System - Albert Lea and Austin	422	89.8%	86.6%	92.4%	Below
Mayo Clinic Health System - Mankato	164	89.6%	84.0%	93.4%	Average
Mayo Clinic Health System - New Prague	47	89.4%	77.4%	95.4%	Average
Essentia Health	1147	89.2%	87.3%	90.9%	Below
Multicare Associates	120	89.2%	82.3%	93.6%	Average
Riverwood Healthcare Center	71	88.7%	79.3%	94.2%	Average
Olmsted Medical Center	423	88.4%	85.0%	91.1%	Below
Altru Health System	138	88.4%	82.0%	92.7%	Below
Mankato Clinic, Ltd.	290	87.9%	83.7%	91.2%	Below
Renville County Hospital and Clinics	31	87.1%	71.2%	94.9%	Average
Mayo Clinic Health System - Fairmont	97	86.6%	78.4%	92.0%	Below
Avera Medical Group - Pipestone	48	85.4%	72.8%	92.8%	Below
Apple Valley Medical Clinic	242	84.7%	79.6%	88.7%	Below
Grand Itasca Clinic	152	83.6%	76.9%	88.6%	Below
Sanford Health - Sioux Falls Region	320	83.4%	79.0%	87.1%	Below
Mayo Clinic Health System - Red Wing	126	83.3%	75.9%	88.8%	Below
Tri-County Health Care	105	82.9%	74.5%	88.9%	Below
United Hospital District Clinic	37	81.1%	65.8%	90.5%	Below
Stevens Community Medical Center	37	78.4%	62.8%	88.6%	Below
RiverView Health	113	73.5%	64.6%	80.7%	Below
Glenwood Medical Center	50	68.0%	54.2%	79.2%	Below
Alexandria Clinic	146	67.8%	59.9%	74.9%	Below

**Table 27: 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
Medical Group Average	10,957	70.6%	69.6%	71.3%	
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	67	91.1%	81.8%	95.8%	Above
Sanford Health - Sioux Falls Region	70	88.1%	78.5%	93.8%	Above
Mayo Clinic Health System-Owatonna	179	86.9%	81.1%	91.0%	Above
Mankato Clinic, Ltd.	69	84.5%	74.2%	91.2%	Above
United Family Medicine	69	83.1%	72.5%	90.1%	Above
Entira Family Clinics	115	82.9%	75.0%	88.7%	Above
Fairview Mesaba Clinics	89	82.7%	73.5%	89.1%	Above
Mayo Clinic Health System - Red Wing	147	82.6%	75.6%	87.8%	Above
Cuyuna Regional Medical Center	68	81.5%	70.7%	89.0%	Above
Gundersen Health System	67	81.3%	70.4%	88.9%	Average
Sanford Health - Fargo Region	518	81.1%	77.5%	84.2%	Above
Mayo Clinic Health System - New Prague	68	79.6%	68.6%	87.5%	Average
Mayo Clinic Health System - Mankato	100	78.9%	70.0%	85.8%	Average
Northwest Family Physicians	71	78.4%	67.6%	86.4%	Average
Raiter Clinic, LTD - IHN	68	77.9%	66.7%	86.1%	Average
Buffalo Clinic, PA - IHN	69	77.5%	66.3%	85.7%	Average
Essentia Health	618	76.8%	73.3%	80.0%	Above
Mayo Clinic Health System - Fairmont	70	76.3%	65.1%	84.7%	Average
Fairview Medical Group	540	76.2%	72.5%	79.6%	Above
North Clinic	69	76.0%	64.7%	84.5%	Average
Stillwater Medical Group	68	75.8%	64.5%	84.5%	Average
North Memorial	159	75.4%	68.1%	81.4%	Average
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	69	75.2%	63.8%	83.8%	Average
Allina Health Specialties	1057	75.1%	72.4%	77.6%	Above
Park Nicollet Health Services	465	75.0%	70.9%	78.7%	Above
Duluth Family Medicine Clinic	66	74.4%	62.7%	83.4%	Average
Affiliated Community Medical Centers	173	74.2%	67.2%	80.1%	Average
Gateway Family Health Clinic	69	73.9%	62.5%	82.8%	Average
Unity Family Healthcare - Avon	76	73.5%	62.7%	82.1%	Average
Apple Valley Medical Clinic	68	73.4%	61.9%	82.4%	Average
Avera Med.Grp.- McGreevy Clinic, United Med. Ctr., Worthington Sp. Clinic	66	73.0%	61.2%	82.2%	Average
HealthEast Clinics	150	72.1%	64.4%	78.7%	Average
CentraCare Health	149	71.8%	64.1%	78.4%	Average



**Table 27: 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
Medical Group Average	10,957	70.6%	69.6%	71.3%	
Riverwood Healthcare Center	69	71.2%	59.7%	80.6%	Average
St. Luke's Clinics	96	70.4%	60.6%	78.6%	Average
Community University Health Care Center	69	69.3%	57.7%	79.0%	Average
Lakewood Health System	69	69.1%	57.4%	78.8%	Average
Winona Health Services	71	69.1%	57.6%	78.6%	Average
HealthPartners Clinics	703	68.9%	65.4%	72.2%	Below
Olmsted Medical Center	101	68.8%	59.2%	77.0%	Below
Multicare Associates	68	68.7%	57.0%	78.5%	Average
Lake Region Healthcare	67	68.7%	56.9%	78.6%	Average
Alexandria Clinic	119	68.5%	59.7%	76.2%	Below
Scenic Rivers Health Services	105	68.4%	59.0%	76.5%	Below
Mayo Clinic Health System - Albert Lea and Austin	165	67.5%	60.0%	74.2%	Below
Hutchinson Health	119	67.2%	58.4%	75.0%	Below
Ridgeview Clinics	68	66.4%	54.6%	76.5%	Below
West Side Community Health Services	78	64.6%	53.5%	74.3%	Below
Grand Itasca Clinic	269	63.9%	58.0%	69.4%	Below
Lakeview Clinic	69	63.8%	52.0%	74.1%	Below
Altru Health System	69	63.5%	51.7%	73.8%	Below
Open Cities Health Center	69	63.4%	51.6%	73.8%	Below
NorthPoint Health & Wellness Center	103	63.2%	53.6%	71.9%	Below
Mille Lacs Health System	67	63.1%	51.1%	73.6%	Below
Neighborhood Healthsource	67	58.3%	46.4%	69.4%	Below
Hennepin County Medical Center (HCMC) Clinics	946	57.6%	54.4%	60.7%	Below
Mayo Clinic	85	57.5%	46.8%	67.4%	Below
Tri-County Health Care	69	57.2%	45.4%	68.2%	Below
FirstLight Health System	89	57.0%	46.7%	66.8%	Below
St. Paul Family Medical Center	67	54.0%	42.2%	65.4%	Below
University of Minnesota Physicians	198	47.9%	41.1%	54.9%	Below
Cedar Riverside People's Center	69	47.0%	35.7%	58.6%	Below
Advanced Medical Clinic	67	41.7%	30.7%	53.7%	Below

**Table 28: 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
Medical Group Average	22,058	65.2%	64.5%	65.8%	
Alexandria Clinic	91	82.4%	73.3%	88.9%	Above
HealthPartners Clinics	1675	81.8%	79.9%	83.6%	Above
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	45	77.8%	63.7%	87.5%	Average
Mayo Clinic Health System - Waseca	45	77.8%	63.7%	87.5%	Average
Mayo Clinic Health System - Owatonna	178	77.0%	70.3%	82.5%	Above
Mayo Clinic Health System - Albert Lea and Austin	302	75.5%	70.4%	80.0%	Above
Mankato Clinic, Ltd.	188	75.0%	68.4%	80.7%	Above
Mayo Clinic Health System - Fairmont	95	74.7%	65.2%	82.4%	Average
Buffalo Clinic, PA - IHN	159	73.0%	65.6%	79.3%	Above
Stillwater Medical Group	104	72.1%	62.8%	79.8%	Average
Avera Med. Grp-McGreevy Clinic, United Med. Ctr., Worthington Sp. Clinic	68	72.1%	60.4%	81.3%	Average
Mayo Clinic Health System - Mankato	174	71.8%	64.7%	78.0%	Average
Mayo Clinic	315	71.8%	66.5%	76.4%	Above
Tri-County Health Care	84	71.4%	61.0%	80.0%	Average
Sanford Health - Sioux Falls Region	188	70.2%	63.3%	76.3%	Average
Mayo Clinic Health System - Red Wing	112	69.6%	60.6%	77.4%	Average
Allina Health Specialties	2831	69.6%	67.9%	71.3%	Above
Affiliated Community Medical Centers	345	68.7%	63.6%	73.4%	Average
Hutchinson Health	63	68.3%	56.0%	78.4%	Average
NorthPoint Health & Wellness Center	255	68.2%	62.3%	73.6%	Average
Cuyuna Regional Medical Center	128	68.0%	59.5%	75.4%	Average
Olmsted Medical Center	238	67.7%	61.5%	73.3%	Average
FirstLight Health System	83	67.5%	56.8%	76.6%	Average
Hennepin County Medical Center (HCMC) Clinics	1123	66.7%	63.9%	69.4%	Average
Chippewa County Montevideo Hospital & Medical Clinic	39	66.7%	51.0%	79.4%	Average
Mayo Clinic Health System - New Prague	33	66.7%	49.6%	80.3%	Average
Fairview Medical Group	1617	66.7%	64.3%	68.9%	Average
Park Nicollet Health Services	1185	66.3%	63.6%	69.0%	Average
Multicare Associates	181	66.3%	59.1%	72.8%	Average
Sanford Health - Fargo Region	701	66.2%	62.6%	69.6%	Average
Community University Health Care Center	126	65.9%	57.2%	73.6%	Average
Lakeview Clinic	96	65.6%	55.7%	74.4%	Average
CentraCare Health	405	65.4%	60.7%	69.9%	Average
Fairview Mesaba Clinics	107	65.4%	56.0%	73.8%	Average
HealthEast Clinics	781	65.2%	61.8%	68.4%	Average
Essentia Health	1379	65.1%	62.6%	67.6%	Average

**Table 28: 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
Medical Group Average	22,058	65.2%	64.5%	65.8%	
Scenic Rivers Health Services	51	64.7%	51.0%	76.4%	Average
North Clinic	149	63.1%	55.1%	70.4%	Average
Family Practice Medical Center of Willmar	46	63.0%	48.6%	75.5%	Average
Winona Health Services	63	61.9%	49.6%	72.9%	Average
Apple Valley Medical Clinic	68	61.8%	49.9%	72.4%	Average
North Memorial	404	61.1%	56.3%	65.8%	Average
Neighborhood Healthsource	77	61.0%	49.9%	71.2%	Average
West Side Community Health Services	330	60.6%	55.2%	65.7%	Average
Glenwood Medical Center	38	60.5%	44.7%	74.4%	Average
Lakewood Health System	98	59.2%	49.3%	68.4%	Average
Grand Itasca Clinic	161	59.0%	51.3%	66.3%	Average
Mille Lacs Health System	46	58.7%	44.3%	71.7%	Average
University of Minnesota Physicians	723	58.6%	55.0%	62.2%	Below
United Family Medicine	195	57.4%	50.4%	64.2%	Below
Unity Family Healthcare - Avon	98	57.1%	47.3%	66.5%	Average
Altru Health System	100	56.0%	46.2%	65.3%	Average
Northwest Family Physicians	110	53.6%	44.4%	62.7%	Below
Lake Region Healthcare	138	52.2%	43.9%	60.3%	Below
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	123	52.0%	43.3%	60.7%	Below
St. Luke's Clinics	334	51.8%	46.5%	57.1%	Below
Entira Family Clinics	412	50.2%	45.4%	55.1%	Below
Gateway Family Health Clinic	90	50.0%	39.9%	60.1%	Below
Ridgeview Clinics	127	49.6%	41.1%	58.2%	Below
Cedar Riverside People's Center	215	27.9%	22.3%	34.3%	Below
Advanced Medical Clinic	116	21.6%	15.1%	29.9%	Below



**Table 29: 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
<b>Medical Group Average</b>	<b>22,147</b>	<b>58.2%</b>	<b>57.6%</b>	<b>58.9%</b>	
NorthPoint Health & Wellness Center	316	78.2%	73.3%	82.4%	Above
HealthPartners Clinics	1944	75.7%	73.7%	77.5%	Above
Neighborhood Healthsource	93	74.2%	64.5%	82.0%	Above
Hennepin County Medical Center (HCMC) Clinics	670	69.7%	66.1%	73.1%	Above
Allina Health Specialties	2670	68.1%	66.3%	69.8%	Above
West Side Community Health Services	344	66.6%	61.4%	71.4%	Above
# Southdale Pediatric Associates, Ltd	32	65.6%	48.3%	79.6%	Average
Park Nicollet Health Services	1196	65.0%	62.2%	67.6%	Above
North Clinic	94	64.9%	54.8%	73.8%	Average
Stillwater Medical Group	110	64.6%	55.3%	72.9%	Average
University of Minnesota Physicians	541	63.8%	59.6%	67.7%	Above
Community University Health Care Center	179	63.1%	55.9%	69.9%	Average
Fairview Medical Group	1403	62.5%	59.9%	65.0%	Above
HealthEast Clinics	537	61.5%	57.3%	65.5%	Average
Entira Family Clinics	303	59.7%	54.1%	65.1%	Average
CentraCare Health	526	59.7%	55.5%	63.8%	Average
Mayo Clinic Health System - Waseca	31	58.1%	40.8%	73.6%	Average
Mankato Clinic, Ltd.	268	56.7%	50.7%	62.5%	Average
Mayo Clinic Health System - Red Wing	77	55.8%	44.7%	66.4%	Average
Fairview Mesaba Clinics	114	53.5%	44.4%	62.4%	Average
Northwest Family Physicians	79	53.2%	42.3%	63.8%	Average
Mayo Clinic Health System - Mankato	135	52.6%	44.2%	60.8%	Average
North Memorial	231	52.0%	45.5%	58.3%	Average
Mayo Clinic Health System-Owatonna	213	51.6%	45.0%	58.3%	Average
FamilyHealth Medical Clinics	33	51.5%	35.2%	67.5%	Average
MinuteClinic	80	51.3%	40.5%	61.9%	Average
# Children's Health Care	160	51.3%	43.6%	58.9%	Average
Lakeview Clinic	100	50.0%	40.4%	59.6%	Average
Multicare Associates	128	50.0%	41.5%	58.5%	Average
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	190	49.5%	42.5%	56.5%	Below
Mayo Clinic Health System - Albert Lea and Austin	322	49.4%	44.0%	54.8%	Below
Ridgeview Clinics	68	48.5%	37.1%	60.2%	Average
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	31	48.4%	32.0%	65.2%	Average
Winona Health Services	172	48.3%	40.9%	55.7%	Below
FirstLight Health System	104	48.1%	38.7%	57.6%	Below
Affiliated Community Medical Centers	439	48.1%	43.4%	52.7%	Below
Buffalo Clinic, PA - IHN	201	47.8%	41.0%	54.6%	Below
Mayo Clinic	212	47.6%	41.0%	54.4%	Below
St. Luke's Clinics	204	47.6%	40.8%	54.4%	Below
Gundersen Health System	53	47.2%	34.4%	60.3%	Average

**Table 29: 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
Medical Group Average	22,147	58.2%	57.6%	58.9%	
Mayo Clinic Health System - St. James	34	47.1%	31.5%	63.3%	Average
# Children's Clinic Network	126	46.0%	37.6%	54.7%	Below
Apple Valley Medical Clinic	61	45.9%	34.0%	58.3%	Average
Mayo Clinic Health System - New Prague	44	45.5%	31.7%	59.9%	Average
Cuyuna Regional Medical Center	82	45.1%	34.8%	55.9%	Below
United Family Medicine	125	44.8%	36.4%	53.5%	Below
Mayo Clinic Health System - Fairmont	67	44.8%	33.5%	56.6%	Below
Olmsted Medical Center	311	44.4%	39.0%	49.9%	Below
Avera Medical Group - Pipestone	34	44.1%	28.9%	60.6%	Average
Gateway Family Health Clinic	73	43.8%	33.1%	55.2%	Below
Lakewood Health System	173	43.4%	36.2%	50.8%	Below
Family Practice Medical Center of Willmar	49	42.9%	30.0%	56.7%	Below
Chippewa County Montevideo Hospital & Medical Clinic	54	42.6%	30.3%	55.8%	Below
Hutchinson Health	94	42.6%	33.0%	52.7%	Below
Grand Itasca Clinic	178	42.1%	35.1%	49.5%	Below
Lake Region Healthcare	107	42.1%	33.1%	51.5%	Below
Essentia Health	1196	42.1%	39.3%	44.9%	Below
Cedar Riverside People's Center	36	41.7%	27.1%	57.8%	Below
Unity Family Healthcare - Avon	118	41.5%	33.0%	50.6%	Below
Target Clinic	58	41.4%	29.6%	54.2%	Below
Altru Health System	131	41.2%	33.2%	49.8%	Below
Renville County Hospital and Clinics	39	41.0%	27.1%	56.6%	Below
Sanford Health - Fargo Region	838	40.2%	37.0%	43.6%	Below
Riverwood Healthcare Center	55	40.0%	28.1%	53.2%	Below
Sanford Health - Sioux Falls Region	181	36.5%	29.8%	43.7%	Below
Tri-County Health Care	92	35.9%	26.8%	46.1%	Below
Avera Med. Grp- McGreevy Clinic, United Med. Ctr., Worthington Sp. Clinic	54	33.3%	22.2%	46.6%	Below
Mille Lacs Health System	31	32.3%	18.6%	49.9%	Below
Stevens Community Medical Center	32	28.1%	15.6%	45.4%	Below
Glenwood Medical Center	38	26.3%	15.0%	42.0%	Below
Alexandria Clinic	108	25.9%	18.6%	34.9%	Below
RiverView Health	36	19.4%	9.8%	35.0%	Below
Glencoe Regional Health Services	46	8.7%	3.4%	20.3%	Below

## 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 2014, 2015 and 2016 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.

**Table 30: Childhood Immunization Status (Combo 3) –  
Rate Changes for Reporting Years 2014 to 2016**

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
HealthEast Clinics	71.0%	80.2%	83.3%	9.2%	3.1%	12.3%	Consistently improved
Sanford Health - Sioux Falls Region	77.4%	80.1%	85.3%	2.7%	5.2%	7.9%	Consistently improved
Affiliated Community Medical Centers	84.6%	80.6%	87.8%	-4.0%	7.2%	3.2%	Variable improvement
Mankato Clinic, Ltd.	91.9%	75.4%	91.6%	-16.5%	16.2%	-0.4%	Variable improvement
Mayo Clinic Health System-Owatonna	76.3%	76.6%	85.1%	0.3%	8.5%	8.8%	Variable improvement
NorthPoint Health & Wellness Center	72.2%	65.8%	79.4%	-6.4%	13.6%	7.2%	Variable improvement
Park Nicollet Health Services	67.9%	65.4%	78.6%	-2.5%	13.2%	10.7%	Variable improvement
St. Luke's Clinics	66.8%	56.6%	71.7%	-10.1%	15.1%	4.9%	Variable improvement
West Side Community Health Services	71.5%	58.7%	81.6%	-12.7%	22.8%	10.1%	Variable improvement
Allina Health Specialties	69.0%	78.0%	71.9%	9.0%	-6.1%	2.9%	Variable improvement
Buffalo Clinic, PA - IHN	73.0%	74.0%	67.8%	1.0%	-6.2%	-5.3%	Variable declined
Children's Clinic Network	76.0%	49.9%	62.3%	-26.1%	12.4%	-13.7%	Variable declined
Children's Health Care	86.4%	73.0%	75.2%	-13.4%	2.2%	-11.3%	Variable declined
HealthPartners Clinics	82.7%	74.5%	80.7%	-8.2%	6.2%	-2.1%	Variable declined
Mayo Clinic	82.1%	81.0%	64.5%	-1.0%	-16.5%	-17.5%	Variable declined
Olmsted Medical Center	86.8%	67.4%	78.5%	-19.4%	11.1%	-8.3%	Variable declined
Sanford Health - Fargo Region	73.4%	66.2%	65.6%	-7.2%	-0.7%	-7.9%	Variable declined
University of Minnesota Physicians	68.5%	53.6%	64.0%	-15.0%	10.4%	-4.6%	Variable declined
CentraCare Health	74.0%	62.5%	60.4%	-11.5%	-2.1%	-13.5%	Consistently declined
Fairview Medical Group	84.3%	73.5%	68.3%	-10.8%	-5.2%	-16.0%	Consistently declined
Hennepin County Medical Center (HCMC) Clinics	81.3%	74.9%	71.8%	-6.4%	-3.1%	-9.5%	Consistently declined

Please see the next page.

## Table 31: Colorectal Cancer Screening – Rate Changes for Reporting Years 2014 to 2016

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Riverwood Healthcare Center	49.9%	52.9%	55.3%	3.0%	2.3%	5.4%	Consistently improved
Southside Community Health Services	31.8%	34.0%	46.1%	2.2%	12.2%	14.4%	Consistently improved
West Side Community Health Services	26.3%	30.4%	47.5%	4.1%	17.1%	21.2%	Consistently improved
Kittson Memorial Clinic	22.7%	29.4%	35.6%	6.7%	6.2%	12.8%	Consistently improved
Burnsville Family Physicians	61.9%	69.3%	73.7%	7.4%	4.4%	11.8%	Consistently improved
FirstLight Health System	45.4%	52.0%	55.6%	6.6%	3.7%	10.2%	Consistently improved
FamilyHealth Medical Clinics	40.5%	44.4%	52.3%	3.9%	8.0%	11.9%	Consistently improved
Ortonville Area Health Svcs.-Northside Med. Clinic	50.0%	58.3%	57.1%	8.3%	-1.1%	7.1%	Variable improvement
Altru Health System	49.5%	53.1%	51.4%	3.6%	-1.7%	1.9%	Variable improvement
University of Minnesota Physicians	41.0%	52.0%	50.9%	10.9%	-1.1%	9.9%	Variable improvement
Prairie Ridge Hospital & Health Services	26.9%	47.5%	45.3%	20.6%	-2.1%	18.4%	Variable improvement
Partners Ob/Gyn	55.3%	76.0%	76.3%	20.7%	0.3%	21.1%	Variable improvement
Allina Health Clinics	58.0%	65.0%	66.1%	7.0%	1.1%	8.1%	Variable improvement
Allina Health Specialties	55.4%	60.2%	60.0%	4.7%	-0.1%	4.6%	Variable improvement
Sanford Health - Sioux Falls Region	45.7%	60.1%	53.8%	14.4%	-6.4%	8.1%	Variable improvement
Sanford Health - Fargo Region	55.4%	56.2%	58.1%	0.8%	1.9%	2.7%	Variable improvement
Unity Family Healthcare, Family Medical Center	51.2%	53.1%	56.2%	2.0%	3.0%	5.0%	Variable improvement
Duluth Family Medicine Clinic	53.5%	53.0%	57.3%	-0.5%	4.3%	3.9%	Variable improvement
Chippewa County Montevideo Hospital & Medical Clinic	49.8%	48.8%	52.5%	-1.0%	3.7%	2.7%	Variable improvement
Metropolitan Obstetrics & Gynecology	49.1%	48.4%	63.9%	-0.7%	15.5%	14.8%	Variable improvement
Tri-County Health Care	41.1%	45.5%	47.3%	4.4%	1.9%	6.2%	Variable improvement
United Family Medicine	37.9%	45.4%	44.9%	7.5%	-0.6%	6.9%	Variable improvement
Renville County Hospital and Clinics	47.5%	43.5%	50.9%	-4.0%	7.4%	3.4%	Variable improvement
Williams Integracare Clinic	43.6%	43.5%	48.2%	-0.1%	4.7%	4.6%	Variable improvement
Avera Medical Group	38.1%	42.9%	43.6%	4.9%	0.6%	5.5%	Variable improvement
Ridgeview Clinics	41.1%	42.8%	43.6%	1.7%	0.8%	2.5%	Variable improvement
Olmsted Medical Center	42.6%	42.4%	45.7%	-0.2%	3.3%	3.1%	Variable improvement
Multicare Associates	34.6%	40.6%	38.4%	6.0%	-2.3%	3.8%	Variable improvement
Fairview Health Services	64.7%	64.3%	66.7%	-0.4%	2.5%	2.1%	Variable improvement
Mayo Clinic	60.8%	60.9%	63.9%	0.2%	3.0%	3.2%	Variable improvement
Family Practice Medical Center of Willmar	53.8%	54.6%	56.3%	0.8%	1.7%	2.5%	Variable improvement
NorthPoint Health & Wellness Center	46.5%	47.4%	50.7%	0.9%	3.3%	4.2%	Variable improvement
Neighborhood Healthsource	30.7%	30.0%	35.3%	-0.7%	5.3%	4.6%	Variable improvement
Cedar Riverside People's Center	3.1%	3.3%	6.8%	0.2%	3.5%	3.7%	Variable improvement
HealthPartners Central Minnesota Clinics	49.0%	49.7%	52.0%	0.7%	2.2%	2.9%	Variable improvement



**Table 31: Colorectal Cancer Screening –  
Rate Changes for Reporting Years 2014 to 2016 (continued)**

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Entira Family Clinics	47.6%	46.8%	48.9%	-0.8%	2.1%	1.3%	Variable improvement
Sibley Medical Center DBA Ridgeview Sibley Medical Center	43.2%	42.9%	52.3%	-0.4%	9.4%	9.0%	Variable improvement
Gateway Family Health Clinic	45.8%	41.2%	59.9%	-4.6%	18.7%	14.1%	Variable improvement
Scenic Rivers Health Services	41.5%	37.8%	48.6%	-3.7%	10.8%	7.1%	Variable improvement
RiverView Health	40.6%	27.4%	47.2%	-13.2%	19.9%	6.6%	Variable improvement
Indian Health Board of Minneapolis	27.2%	27.1%	33.1%	-0.1%	5.9%	5.9%	Variable improvement
Sawtooth Mountain Clinic	52.6%	38.8%	58.1%	-13.7%	19.3%	5.5%	Variable improvement
Mayo Clinic Health System	63.2%	63.9%	63.7%	0.8%	-0.2%	0.5%	Relatively stable
Integrity Health Network	54.4%	56.3%	56.3%	1.9%	0.0%	1.9%	Relatively stable
Park Nicollet Health Services	53.7%	52.1%	54.0%	-1.7%	1.9%	0.2%	Relatively stable
HealthPartners Clinics	62.6%	63.2%	62.9%	0.5%	-0.3%	0.2%	Relatively stable
Affiliated Community Medical Centers	58.9%	59.3%	57.5%	0.4%	-1.8%	-1.4%	Relatively stable
Hennepin County Medical Center (HCMC) Clinics	50.5%	50.0%	51.0%	-0.4%	1.0%	0.6%	Relatively stable
Vibrant Health Family Clinics and Minnesota Health Network	37.5%	36.1%	36.3%	-1.4%	0.2%	-1.2%	Relatively stable
Lakewood Health System	67.9%	72.3%	59.1%	4.4%	-13.2%	-8.8%	Variable declined
Alexandria Clinic	65.3%	65.6%	61.7%	0.3%	-3.9%	-3.6%	Variable declined
Mankato Clinic, Ltd.	65.2%	59.2%	61.6%	-6.0%	2.4%	-3.6%	Variable declined
North Memorial	54.1%	55.5%	52.0%	1.4%	-3.6%	-2.2%	Variable declined
Northwest Family Physicians	51.5%	49.6%	47.4%	-1.9%	-2.3%	-4.1%	Variable declined
CentraCare Health	65.7%	63.7%	60.3%	-2.0%	-3.4%	-5.4%	Variable declined
Richfield Medical Group	54.2%	59.1%	52.2%	4.9%	-6.9%	-2.1%	Variable declined
Oakdale Ob/Gyn	55.7%	58.5%	53.3%	2.8%	-5.2%	-2.4%	Variable declined
Gundersen Health System	66.3%	56.4%	57.0%	-9.9%	0.6%	-9.3%	Variable declined
St. Luke's Clinics	49.5%	54.5%	47.8%	4.9%	-6.6%	-1.7%	Variable declined
Winona Health Services	52.6%	45.8%	44.9%	-6.8%	-0.9%	-7.7%	Variable declined
Community University Health Care Center	48.1%	36.3%	43.7%	-11.8%	7.4%	-4.4%	Variable declined
Lakewood Health Center Clinic	43.5%	33.0%	38.1%	-10.5%	5.1%	-5.5%	Variable declined
HealthEast Clinics	55.7%	46.5%	45.0%	-9.2%	-1.5%	-10.7%	Variable declined
Hendricks Community Hospital Association	54.8%	52.2%	46.2%	-2.5%	-6.1%	-8.6%	Consistently declined

# Table 32: Appropriate Testing for Children with Pharyngitis – Rate Changes for Reporting Years 2014 to 2016

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Affiliated Community Medical Centers	75.1%	81.0%	84.9%	5.9%	4.0%	9.8%	Consistently Improved
Sanford Health - Sioux Falls Region	71.1%	76.0%	79.3%	4.8%	3.4%	8.2%	Consistently Improved
CentraCare Health	83.0%	85.0%	91.6%	2.0%	6.6%	8.6%	Consistently Improved
Cuyuna Regional Medical Center	61.7%	67.4%	81.0%	5.7%	13.5%	19.3%	Consistently Improved
Mayo Clinic	82.3%	87.0%	88.2%	4.8%	1.1%	5.9%	Variable Improvement
South Lake Pediatrics	94.9%	100.0%	100.0%	5.1%	0.0%	5.1%	Variable Improvement
Target Clinic	95.1%	99.0%	98.0%	3.9%	-1.0%	3.0%	Variable Improvement
Family Practice Medical Center of Willmar	92.1%	98.0%	94.9%	5.9%	-3.1%	2.8%	Variable Improvement
Mankato Clinic, Ltd.	86.8%	96.9%	94.0%	10.1%	-2.9%	7.2%	Variable Improvement
Children's Clinic Network	93.3%	96.5%	97.1%	3.1%	0.6%	3.7%	Variable Improvement
Grand Itasca Clinic	91.3%	96.2%	94.6%	4.9%	-1.6%	3.3%	Variable Improvement
FirstLight Health System	93.2%	95.2%	92.8%	1.9%	-2.4%	-0.5%	Variable Improvement
University of Minnesota Physicians	87.3%	91.7%	91.5%	4.4%	-0.1%	4.2%	Variable Improvement
Riverwood Healthcare Center	87.9%	87.1%	93.0%	-0.8%	5.9%	5.1%	Variable Improvement
Alexandria Clinic	75.8%	84.9%	86.7%	9.0%	1.8%	10.9%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	62.1%	77.0%	76.2%	14.9%	-0.7%	14.1%	Variable Improvement
Avera Med. Grp- McGreevy Cl, United Med. Ctr., Worthington Spity Cl	44.7%	52.3%	48.3%	7.5%	-4.0%	3.5%	Variable Improvement
Park Nicollet Health Services	93.0%	94.1%	96.3%	1.1%	2.2%	3.3%	Variable Improvement
Suburban Emergency Associates	88.0%	94.5%	91.2%	6.5%	-3.3%	3.2%	Variable Improvement
Lakeview Clinic	91.1%	91.3%	95.6%	0.2%	4.3%	4.5%	Variable Improvement
Allina Health Specialties	90.3%	91.0%	92.4%	0.7%	1.4%	2.1%	Variable Improvement
Mayo Clinic Health System - Albert Lea and Austin	88.2%	90.1%	87.6%	2.0%	-2.5%	-0.5%	Variable Improvement
HealthEast Clinics	89.8%	89.9%	93.2%	0.1%	3.4%	3.4%	Variable Improvement
Lakewood Health System	80.0%	85.3%	83.8%	5.3%	-1.4%	3.8%	Variable Improvement
North Memorial	82.3%	80.5%	91.1%	-1.8%	10.6%	8.8%	Variable Improvement
Altru Health System	49.4%	29.3%	59.0%	-20.1%	29.7%	9.6%	Variable Improvement
Fairview Medical Group	92.8%	94.1%	94.4%	1.3%	0.3%	1.6%	Relatively Stable
Pediatric and Adolescent Services	99.3%	99.7%	99.5%	0.4%	-0.2%	0.2%	Relatively Stable
MinuteClinic	99.4%	98.8%	100.0%	-0.5%	1.2%	0.6%	Relatively Stable
Express Healthcare	98.7%	98.7%	98.4%	0.0%	-0.3%	-0.3%	Relatively Stable
Children's Health Care	97.8%	98.6%	97.7%	0.8%	-0.8%	-0.1%	Relatively Stable
HealthPartners Clinics	96.5%	97.7%	98.3%	1.3%	0.5%	1.8%	Relatively Stable
Pediatric & Young Adult Medicine	98.8%	97.7%	98.4%	-1.2%	0.7%	-0.4%	Relatively Stable

**Table 32: Appropriate Testing for Children with Pharyngitis – Rate Changes for Reporting Years 2014 to 2016 (*continued*)**

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Fridley Children's & Teenagers' Medical Center - CPN	96.7%	97.1%	98.2%	0.3%	1.1%	1.5%	Relatively Stable
Unity Family Healthcare - Avon	80.4%	80.5%	79.0%	0.1%	-1.5%	-1.4%	Relatively Stable
Ridgeview Clinics	94.1%	94.9%	93.7%	0.8%	-1.2%	-0.4%	Relatively Stable
Emergency Physicians, P.A.	93.8%	92.9%	92.3%	-0.9%	-0.6%	-1.5%	Relatively Stable
Entira Family Clinics (formerly Family Health Services MN)	92.2%	91.5%	91.8%	-0.8%	0.3%	-0.5%	Relatively Stable
Seven Day Clinic	86.1%	95.0%	85.4%	8.9%	-9.6%	-0.6%	Variable Decline
Buffalo Clinic, PA - IHN	91.7%	93.0%	86.8%	1.3%	-6.2%	-4.9%	Variable Decline
Winona Health Services	96.0%	92.2%	95.5%	-3.8%	3.3%	-0.5%	Variable Decline
Olmsted Medical Center	86.5%	90.5%	87.9%	3.9%	-2.6%	1.3%	Variable Decline
Avera Medical Group - Pipestone	64.2%	56.6%	61.0%	-7.6%	4.4%	-3.2%	Variable Decline
RiverView Health	53.3%	47.6%	49.1%	-5.7%	1.5%	-4.2%	Variable Decline
Priority Pediatrics Urgent Care	100.0%	97.9%	100.0%	-2.1%	2.1%	0.0%	Variable Decline
Multicare Associates	98.9%	93.2%	93.3%	-5.7%	0.1%	-5.6%	Variable Decline
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	94.5%	90.4%	91.9%	-4.1%	1.5%	-2.7%	Variable Decline
Apple Valley Medical Clinic	98.6%	89.6%	95.6%	-9.0%	6.0%	-3.0%	Variable Decline
Mayo Clinic Health System - Red Wing	96.4%	88.7%	98.0%	-7.7%	9.3%	1.6%	Variable Decline
St. Luke's Clinics	91.9%	88.3%	87.0%	-3.7%	-1.2%	-4.9%	Variable Decline
Mayo Clinic Health System - Mankato	88.5%	79.5%	80.3%	-9.0%	0.9%	-8.1%	Variable Decline
Fairview Mesaba Clinics	74.3%	57.8%	67.9%	-16.5%	10.1%	-6.4%	Variable Decline
Sanford Health - Fargo Region	77.3%	73.8%	77.3%	-3.5%	3.5%	0.0%	Variable Decline
Mayo Clinic Health System - Waseca	72.6%	69.2%	70.0%	-3.3%	0.8%	-2.6%	Variable Decline
Mayo Clinic Health System-Owatonna	88.8%	83.0%	80.4%	-5.9%	-2.6%	-8.5%	Consistently Declined
Tri-County Health Care	80.7%	68.8%	65.2%	-11.9%	-3.7%	-15.5%	Consistently Declined
Mayo Clinic Health System - Fairmont	52.1%	33.8%	26.4%	-18.3%	-7.4%	-25.7%	Consistently Declined

# Table 33: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2014 to 2016

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Altru Health System	70.6%	76.0%	88.4%	5.4%	12.4%	17.8%	Consistently Improved
Glencoe Regional Health Services	76.9%	90.4%	97.1%	13.5%	6.7%	20.2%	Consistently Improved
Winona Health Services	92.2%	94.3%	96.8%	2.1%	2.4%	4.6%	Consistently Improved
Cuyuna Regional Medical Center	75.3%	77.6%	93.5%	2.3%	15.8%	18.2%	Consistently Improved
Fairview Mesaba Clinics	82.0%	93.9%	92.1%	11.9%	-1.8%	10.1%	Variable Improvement
Ridgeview Clinics	86.2%	92.3%	92.7%	6.1%	0.4%	6.5%	Variable Improvement
Mankato Clinic, Ltd.	83.8%	89.5%	87.9%	5.6%	-1.5%	4.1%	Variable Improvement
Cedar Riverside People's Center	100.0%	100.0%	98.0%	0.0%	-2.0%	-2.0%	Variable Improvement
Gateway Family Health Clinic	94.0%	100.0%	100.0%	6.0%	0.0%	6.0%	Variable Improvement
Pediatric Services - Children's Physician Network	91.2%	100.0%	98.7%	8.8%	-1.3%	7.5%	Variable Improvement
Priority Pediatrics Urgent Care	95.5%	100.0%	94.2%	4.6%	-5.8%	-1.2%	Variable Improvement
Express Healthcare	95.6%	100.0%	97.7%	4.4%	-2.3%	2.1%	Variable Improvement
Fridley Children's & Teenagers' Medical Center - CPN	95.7%	98.9%	97.5%	3.3%	-1.4%	1.9%	Variable Improvement
University of Minnesota Physicians	95.8%	98.0%	99.0%	2.2%	1.0%	3.2%	Variable Improvement
Buffalo Clinic, PA - IHN	94.6%	97.7%	99.0%	3.1%	1.2%	4.4%	Variable Improvement
HealthEast Clinics	95.1%	97.5%	98.1%	2.4%	0.6%	3.0%	Variable Improvement
Stillwater Medical Group	91.2%	97.4%	97.4%	6.3%	0.0%	6.3%	Variable Improvement
Allina Health Specialties	95.2%	97.3%	96.5%	2.1%	-0.8%	1.3%	Variable Improvement
West Side Community Health Services	97.3%	97.3%	99.4%	0.0%	2.2%	2.1%	Variable Improvement
Mayo Clinic	94.1%	97.0%	94.5%	2.9%	-2.5%	0.4%	Variable Improvement
Emergency Physicians, P.A.	92.8%	96.5%	95.7%	3.7%	-0.8%	2.9%	Variable Improvement
Children's Health Care	93.6%	96.3%	95.7%	2.7%	-0.6%	2.1%	Variable Improvement
Suburban Emergency Associates	91.7%	95.9%	93.7%	4.2%	-2.2%	2.0%	Variable Improvement
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	88.9%	94.1%	92.3%	5.2%	-1.8%	3.4%	Variable Improvement
Entira Family Clinics	91.4%	92.4%	90.3%	1.0%	-2.2%	-1.1%	Variable Improvement
Riverwood Healthcare Center	80.4%	90.2%	88.7%	9.8%	-1.5%	8.4%	Variable Improvement
St. Luke's Clinics	89.6%	89.1%	93.7%	-0.5%	4.6%	4.1%	Variable Improvement
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	92.1%	88.9%	96.4%	-3.2%	7.5%	4.4%	Variable Improvement
Olmsted Medical Center	83.7%	88.7%	88.4%	5.0%	-0.3%	4.8%	Variable Improvement
Lakewood Health System	88.6%	85.0%	92.0%	-3.6%	7.0%	3.5%	Variable Improvement
Mayo Clinic Health System - New Prague	83.6%	84.9%	89.4%	1.2%	4.5%	5.7%	Variable Improvement
Sanford Health - Sioux Falls Region	78.3%	83.7%	83.4%	5.4%	-0.3%	5.1%	Variable Improvement
Mayo Clinic Health System - Fairmont	86.3%	81.7%	86.6%	-4.5%	4.9%	0.3%	Variable Improvement
Mayo Clinic Health System - Red Wing	78.7%	81.4%	83.3%	2.8%	1.9%	4.7%	Variable Improvement
FirstLight Health System	98.6%	96.9%	99.1%	-1.7%	2.3%	0.6%	Variable Improvement
Mayo Clinic Health System-Owatonna	87.8%	89.2%	90.0%	1.4%	0.8%	2.3%	Variable Improvement
Lakeview Clinic	85.2%	86.7%	97.9%	1.5%	11.3%	12.8%	Variable Improvement
NorthPoint Health & Wellness Center	100.0%	97.8%	98.9%	-2.3%	1.1%	-1.2%	Variable Improvement
Pediatric & Young Adult Medicine	91.8%	93.3%	95.1%	1.5%	1.8%	3.3%	Variable Improvement
Mille Lacs Health System	91.9%	89.8%	95.0%	-2.1%	5.2%	3.0%	Variable Improvement
Alexandria Clinic	59.1%	85.3%	67.8%	26.2%	-17.5%	8.7%	Variable Improvement
Unity Family Healthcare - Avon	90.0%	84.9%	93.4%	-5.1%	8.6%	3.4%	Variable Improvement



**Table 33: Appropriate Treatment for Children with URI –  
Rate Changes for Reporting Years 2014 to 2016 (continued)**

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Northwest Family Physicians	89.3%	80.0%	94.9%	-9.3%	14.9%	5.6%	Variable Improvement
Mayo Clinic Health System - Waseca	92.1%	76.3%	93.8%	-15.8%	17.4%	1.6%	Variable Improvement
Avera Med Grp- McGreevy Cl, United Med. Ctr., Worthington Sply Cl	75.9%	74.1%	90.1%	-1.9%	16.1%	14.2%	Variable Improvement
United Hospital District Clinic	82.0%	66.1%	81.1%	-15.9%	15.0%	-0.9%	Variable Improvement
Target Clinic	92.9%	88.8%	96.4%	-4.1%	7.6%	3.5%	Variable Improvement
Avera Medical Group - Pipestone	78.3%	72.1%	85.4%	-6.2%	13.3%	7.2%	Variable Improvement
Apple Valley Medical Clinic	76.2%	71.7%	84.7%	-4.5%	13.0%	8.5%	Variable Improvement
United Family Medicine	100.0%	100.0%	99.0%	0.0%	-1.0%	-1.0%	Relatively Stable
South Lake Pediatrics	98.1%	100.0%	100.0%	1.9%	0.0%	1.9%	Relatively Stable
Children's Clinic Network	96.2%	97.7%	97.3%	1.5%	-0.4%	1.1%	Relatively Stable
Park Nicollet Health Services	94.6%	96.2%	96.2%	1.6%	0.0%	1.6%	Relatively Stable
Sanford Health - Fargo Region	89.1%	89.9%	90.8%	0.8%	0.8%	1.7%	Relatively Stable
Tri-County Health Care	81.7%	81.9%	82.9%	0.2%	0.9%	1.1%	Relatively Stable
Wayzata Children's Clinic	100.0%	100.0%	98.3%	0.0%	-1.7%	-1.7%	Relatively Stable
Hennepin County Medical Center (HCMC) Clinics	97.6%	98.9%	98.9%	1.3%	0.0%	1.3%	Relatively Stable
Neighborhood Healthsource	98.6%	98.4%	98.3%	-0.2%	-0.1%	-0.3%	Relatively Stable
MinuteClinic	97.2%	97.9%	98.5%	0.7%	0.7%	1.3%	Relatively Stable
HealthPartners Clinics	96.1%	97.2%	97.6%	1.2%	0.3%	1.5%	Relatively Stable
Central Pediatrics	95.5%	95.7%	97.2%	0.2%	1.6%	1.8%	Relatively Stable
CentraCare Health	94.7%	94.0%	95.3%	-0.7%	1.3%	0.6%	Relatively Stable
Fairview Medical Group	93.7%	93.8%	94.7%	0.1%	1.0%	1.0%	Relatively Stable
Affiliated Community Medical Centers	93.1%	92.9%	91.9%	-0.2%	-1.0%	-1.2%	Relatively Stable
Southdale Pediatric Associates, Ltd	97.2%	96.4%	94.8%	-0.8%	-1.6%	-2.5%	Variable Decline
North Memorial	97.7%	94.6%	95.1%	-3.1%	0.5%	-2.6%	Variable Decline
North Clinic	100.0%	94.3%	93.9%	-5.7%	-0.3%	-6.1%	Variable Decline
Mayo Clinic Health System - Mankato	92.8%	93.1%	89.6%	0.4%	-3.5%	-3.2%	Variable Decline
Family Practice Medical Center of Willmar	98.4%	93.0%	96.0%	-5.4%	3.0%	-2.4%	Variable Decline
Mayo Clinic Health System - Albert Lea and Austin	94.0%	90.6%	89.8%	-3.5%	-0.8%	-4.2%	Variable Decline
RiverView Health	79.0%	87.3%	73.5%	8.3%	-13.9%	-5.6%	Variable Decline
Multicare Associates	91.9%	89.6%	89.2%	-2.3%	-0.4%	-2.7%	Variable Decline
Grand Itasca Clinic	96.1%	86.8%	83.6%	-9.3%	-3.3%	-12.6%	Consistently Declined
All About Children Pediatrics - Children's Health Network	100.0%	97.6%	94.1%	-2.4%	-3.5%	-5.9%	Consistently Declined

## Table 34: Chlamydia Screening in Women – Rate Changes for Reporting Years 2014 to 2016

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Avera Medical Group - Pipestone	13.2%	26.5%	33.3%	13.3%	6.9%	20.2%	Consistently improved
Lakewood Health System	31.8%	37.3%	43.4%	5.5%	6.1%	11.6%	Consistently improved
Mankato Clinic, Ltd.	48.7%	53.4%	56.7%	4.7%	3.4%	8.1%	Consistently improved
Neighborhood Healthsource	61.4%	72.2%	74.2%	10.8%	2.0%	12.8%	Consistently improved
North Clinic	55.4%	60.8%	64.9%	5.4%	4.1%	9.5%	Consistently improved
Stillwater Medical Group	39.6%	57.0%	64.6%	17.3%	7.6%	24.9%	Consistently improved
Allina Health Specialties	61.9%	68.7%	68.1%	6.8%	-0.6%	6.2%	Variable improvement
Altru Health System	42.7%	39.4%	41.2%	-3.3%	1.8%	-1.5%	Variable improvement
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	41.0%	42.9%	44.1%	1.9%	1.3%	3.1%	Variable improvement
CentraCare Health	50.0%	50.8%	59.7%	0.8%	8.9%	9.7%	Variable improvement
Children's Clinic Network	45.7%	52.1%	46.0%	6.5%	-6.1%	0.4%	Variable improvement
Community University Health Care Center	63.6%	68.3%	63.1%	4.7%	-5.2%	-0.5%	Variable improvement
Cuyuna Regional Medical Center	27.3%	43.7%	45.1%	16.4%	1.5%	17.9%	Variable improvement
Entira Family Clinics (formerly Family Health Services MN)	55.3%	63.8%	59.7%	8.6%	-4.1%	4.5%	Variable improvement
Fairview Mesaba Clinics	54.3%	48.0%	53.5%	-6.3%	5.5%	-0.8%	Variable improvement
Family Practice Medical Center of Willmar	40.0%	44.2%	42.9%	4.2%	-1.4%	2.9%	Variable improvement
Gateway Family Health Clinic	39.5%	47.6%	43.8%	8.1%	-3.8%	4.3%	Variable improvement
Lake Region Healthcare	42.7%	44.7%	42.1%	2.1%	-2.7%	-0.6%	Variable improvement
Lakeview Clinic	47.5%	49.3%	50.0%	1.9%	0.7%	2.5%	Variable improvement
Mayo Clinic Health System - Fairmont	40.0%	46.4%	44.8%	6.4%	-1.7%	4.8%	Variable improvement
Mayo Clinic Health System - Mankato	48.1%	46.3%	52.6%	-1.8%	6.3%	4.5%	Variable improvement
Mayo Clinic Health System-Owatonna	49.5%	32.2%	51.6%	-17.3%	19.4%	2.1%	Variable improvement
Multicare Associates	51.1%	47.2%	50.0%	-3.9%	2.8%	-1.1%	Variable improvement
North Memorial	49.5%	59.7%	52.0%	10.2%	-7.8%	2.4%	Variable improvement
Northwest Family Physicians	46.8%	42.6%	53.2%	-4.2%	10.5%	6.3%	Variable improvement
Park Nicollet Health Services	58.6%	60.0%	65.0%	1.4%	5.0%	6.4%	Variable improvement
Riverwood Healthcare Center	41.2%	38.5%	40.0%	-2.7%	1.5%	-1.2%	Variable improvement
Sanford Health - Fargo Region	35.5%	39.5%	40.2%	4.0%	0.7%	4.7%	Variable improvement
Sanford Health - Sioux Falls Region	28.2%	35.3%	36.5%	7.1%	1.2%	8.3%	Variable improvement
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	50.4%	45.6%	49.5%	-4.8%	3.9%	-0.9%	Variable improvement
Winona Health Services	44.6%	49.7%	48.3%	5.2%	-1.5%	3.7%	Variable improvement
Fairview Medical Group	63.6%	62.4%	62.5%	-1.2%	0.1%	-1.1%	Relatively stable
HealthPartners Clinics	76.2%	77.2%	75.7%	1.0%	-1.5%	-0.5%	Relatively stable
Affiliated Community Medical Centers	54.9%	57.7%	48.1%	2.7%	-9.6%	-6.9%	Variable declined



**Table 34: Chlamydia Screening in Women –  
Rate Changes for Reporting Years 2014 to 2016 (*continued*)**

Medical Group Name	2014 MHCP Rate	2015 MHCP Rate	2016 MHCP Rate	Change (2015-2014)	Change (2016-2015)	Change (2016-2014)	Change Pattern (2014-2016)
Alexandria Clinic	32.9%	26.3%	25.9%	-6.6%	-0.3%	-7.0%	Variable declined
Buffalo Clinic, PA - IHN	54.3%	44.7%	47.8%	-9.7%	3.1%	-6.6%	Variable declined
Children's Health Care	55.0%	49.7%	51.3%	-5.3%	1.6%	-3.8%	Variable declined
Glencoe Regional Health Services	27.8%	10.0%	8.7%	-17.8%	-1.3%	-19.1%	Variable declined
Grand Itasca Clinic	45.0%	48.8%	42.1%	3.9%	-6.7%	-2.8%	Variable declined
HealthEast Clinics	64.1%	59.9%	61.5%	-4.2%	1.6%	-2.6%	Variable declined
Mayo Clinic	51.6%	50.5%	47.6%	-1.1%	-2.9%	-4.0%	Variable declined
Mayo Clinic Health System - Albert Lea and Austin	62.6%	51.4%	49.4%	-11.2%	-2.0%	-13.2%	Variable declined
Mayo Clinic Health System - Red Wing	60.4%	55.4%	55.8%	-5.0%	0.5%	-4.5%	Variable declined
NorthPoint Health & Wellness Center	82.6%	78.9%	78.2%	-3.6%	-0.8%	-4.4%	Variable declined
Tri-County Health Care	39.7%	39.8%	35.9%	0.1%	-3.9%	-3.8%	Variable declined
Unity Family Healthcare - Avon	54.7%	36.9%	41.5%	-17.8%	4.6%	-13.2%	Variable declined
University of Minnesota Physicians	66.0%	61.6%	63.8%	-4.4%	2.2%	-2.2%	Variable declined
Cedar Riverside People's Center	63.3%	56.6%	41.7%	-6.7%	-14.9%	-21.7%	Consistently declined
FirstLight Health System	61.6%	58.9%	48.1%	-2.8%	-10.8%	-13.6%	Consistently declined
Hennepin County Medical Center (HCMC) Clinics	80.8%	74.6%	69.7%	-6.2%	-4.9%	-11.1%	Consistently declined
St. Luke's Clinics	59.2%	56.8%	47.6%	-2.5%	-9.2%	-11.7%	Consistently declined
United Family Medicine	74.1%	67.6%	44.8%	-6.5%	-22.8%	-29.3%	Consistently declined
West Side Community Health Services	72.0%	69.3%	66.6%	-2.7%	-2.7%	-5.4%	Consistently declined

## 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, Depression Remission at Six Months, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening). 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 eleven 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 15 percentage points and is statistically significant. This means the Optimal Diabetes Care statewide rate for MHCP patients (34 percent) was significantly lower than that of Other Purchasers (49 percent).

Of those 311 clinics, 294 had rates for MHCP patients that were lower than Other Purchasers; and of those clinics, 171 had significant gaps between purchasers. (See Table 35, Column 5) This means that 171 clinics had significantly lower performance rates compared to Other Purchasers. Of the 311 clinics, 17 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4) but none 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. Six clinics had a significantly larger purchaser gap than the statewide gap; 54 clinics had a significantly smaller purchaser gap than the statewide gap. And of those 54 clinics, 17 had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **12 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 35 summarizes these findings.

- **Fairview Brooklyn Park Clinic**
- **Fairview EdenCenter Clinic**
- **Gateway Family Health Clinic - Sandstone**
- **HealthEast Grand Avenue Clinic**
- **HealthPartners - Ctr for Internatl Hlth**
- **HealthPartners - Riverside**
- **Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park Clinic**
- **Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic**
- **Lakewood Health System - Staples Clinic**
- **North Memorial Clinic - Golden Valley Physicians**
- **North Memorial Clinic - Maple Grove**
- **University of Minnesota Health - Smiley's Family Medicine Clinic**

# Table 35: 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
<b>Statewide</b>	<b>33.6%</b>	<b>48.9%</b>	<b>15.3%</b>	<b>Y</b>	
<b>Affiliated Community Medical Centers - Benson Clinic</b>	<b>20.9%</b>	<b>41.0%</b>	<b>20.1%</b>	<b>Y</b>	<b>.</b>
<b>Affiliated Community Medical Centers - Granite Falls Clinic</b>	<b>31.8%</b>	<b>48.6%</b>	<b>16.8%</b>	<b>Y</b>	<b>.</b>
<b>Affiliated Community Medical Centers - Litchfield Clinic (East)</b>	<b>39.0%</b>	<b>64.6%</b>	<b>25.6%</b>	<b>Y</b>	<b>.</b>
<b>Affiliated Community Medical Centers - Litchfield Clinic (West)</b>	<b>41.7%</b>	<b>48.3%</b>	<b>6.6%</b>	<b>.</b>	<b>.</b>
<b>Affiliated Community Medical Centers - Redwood Falls Clinic</b>	<b>30.9%</b>	<b>49.8%</b>	<b>18.9%</b>	<b>Y</b>	<b>.</b>
<b>Affiliated Community Medical Centers - Willmar Clinic</b>	<b>35.1%</b>	<b>48.9%</b>	<b>13.7%</b>	<b>Y</b>	<b>.</b>
<b>Affiliated Community Medical Centers- Marshall Clinic</b>	<b>45.9%</b>	<b>50.8%</b>	<b>4.9%</b>	<b>.</b>	<b>&lt;</b>
<b>Alexandria Clinic, A Service of Douglas County Hospital</b>	<b>37.0%</b>	<b>46.5%</b>	<b>9.5%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Annandale</b>	<b>38.2%</b>	<b>55.6%</b>	<b>17.3%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Bandana Square (Aspen)</b>	<b>39.4%</b>	<b>57.6%</b>	<b>18.2%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Blaine</b>	<b>43.6%</b>	<b>63.0%</b>	<b>19.5%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Bloomington (Aspen)</b>	<b>35.4%</b>	<b>56.0%</b>	<b>20.7%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Brooklyn Park</b>	<b>46.8%</b>	<b>62.3%</b>	<b>15.5%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Buffalo</b>	<b>41.1%</b>	<b>60.9%</b>	<b>19.8%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Burnsville (Quello)</b>	<b>43.9%</b>	<b>59.4%</b>	<b>15.5%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Cambridge</b>	<b>33.3%</b>	<b>49.6%</b>	<b>16.3%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Centennial Lakes (Quello)</b>	<b>47.3%</b>	<b>62.9%</b>	<b>15.6%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Champlin</b>	<b>42.9%</b>	<b>60.5%</b>	<b>17.7%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Chanhassen (Quello)</b>	<b>58.2%</b>	<b>61.9%</b>	<b>3.7%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Chaska</b>	<b>53.3%</b>	<b>62.5%</b>	<b>9.2%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Coon Rapids</b>	<b>43.0%</b>	<b>60.3%</b>	<b>17.4%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Cottage Grove</b>	<b>32.4%</b>	<b>53.9%</b>	<b>21.5%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Eagan</b>	<b>57.1%</b>	<b>64.3%</b>	<b>7.1%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - East Lake Street (Aspen)</b>	<b>33.9%</b>	<b>53.5%</b>	<b>19.6%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Edina</b>	<b>45.5%</b>	<b>55.2%</b>	<b>9.8%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Elk River</b>	<b>30.0%</b>	<b>52.6%</b>	<b>22.6%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Faribault</b>	<b>39.3%</b>	<b>54.0%</b>	<b>14.7%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Farmington</b>	<b>43.6%</b>	<b>62.4%</b>	<b>18.8%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - First Street</b>	<b>28.4%</b>	<b>52.4%</b>	<b>24.0%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Forest Lake</b>	<b>40.0%</b>	<b>59.2%</b>	<b>19.2%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Fridley</b>	<b>41.3%</b>	<b>55.5%</b>	<b>14.1%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Highland Park (Aspen)</b>	<b>40.0%</b>	<b>61.6%</b>	<b>21.6%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Hopkins (Aspen)</b>	<b>22.9%</b>	<b>51.1%</b>	<b>28.3%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Inver Grove Heights (Aspen)</b>	<b>33.3%</b>	<b>56.8%</b>	<b>23.4%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Isles</b>	<b>43.4%</b>	<b>58.1%</b>	<b>14.7%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Maple Grove</b>	<b>36.6%</b>	<b>50.4%</b>	<b>13.8%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Maplewood (Aspen)</b>	<b>44.8%</b>	<b>55.9%</b>	<b>11.1%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Nicollet Mall</b>	<b>39.0%</b>	<b>53.1%</b>	<b>14.1%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Nininger Road</b>	<b>35.3%</b>	<b>51.2%</b>	<b>15.9%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Northfield</b>	<b>42.5%</b>	<b>53.5%</b>	<b>11.1%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Plymouth</b>	<b>51.9%</b>	<b>57.7%</b>	<b>5.9%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Ramsey</b>	<b>52.1%</b>	<b>57.5%</b>	<b>5.5%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Richfield</b>	<b>44.6%</b>	<b>56.6%</b>	<b>11.9%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Shakopee</b>	<b>42.9%</b>	<b>53.9%</b>	<b>11.1%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - Shoreview</b>	<b>52.7%</b>	<b>65.9%</b>	<b>13.2%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - St. Michael</b>	<b>40.0%</b>	<b>57.3%</b>	<b>17.3%</b>	<b>.</b>	<b>.</b>
<b>Allina Health - United Medical Specialties</b>	<b>36.4%</b>	<b>57.7%</b>	<b>21.3%</b>	<b>Y</b>	<b>&gt;</b>
<b>Allina Health - Uptown</b>	<b>36.4%</b>	<b>62.5%</b>	<b>26.1%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - West St. Paul</b>	<b>47.8%</b>	<b>62.5%</b>	<b>14.7%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health - Woodbury</b>	<b>41.3%</b>	<b>56.8%</b>	<b>15.6%</b>	<b>Y</b>	<b>.</b>
<b>Allina Health Specialties - New Ulm Medical Center</b>	<b>40.3%</b>	<b>53.3%</b>	<b>13.0%</b>	<b>Y</b>	<b>.</b>
<b>Altru Health System - Crookston</b>	<b>25.9%</b>	<b>52.9%</b>	<b>26.9%</b>	<b>Y</b>	<b>.</b>
<b>Altru Health System - Family Medicine Center</b>	<b>22.9%</b>	<b>46.7%</b>	<b>23.8%</b>	<b>Y</b>	<b>.</b>

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 35: 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	33.6%	48.9%	15.3%	Y	
Altru Health System - Lake Region	13.9%	46.9%	33.0%	Y	>
Altru Health System - Main	16.7%	42.2%	25.6%	Y	.
Altru Health System - Roseau	34.2%	47.3%	13.1%	.	.
Apple Valley Medical Clinic - Family Practice	46.1%	56.7%	10.6%	Y	.
Avera - Pipestone County Medical Center	25.5%	38.1%	12.5%	.	.
Avera Medical Group - Worthington	26.1%	50.1%	24.0%	Y	.
Bluestone Physician Services	12.8%	23.8%	10.9%	Y	.
Buffalo Clinic-IHN	29.1%	42.0%	12.9%	Y	.
Buffalo Clinic-Monticello: IHN	44.0%	48.5%	4.5%	.	.
Cedar Riverside People's Center - People's Center Medical Clinic	18.8%	19.0%	0.1%	.	<
CentraCare Clinic - Northway	53.4%	56.5%	3.0%	.	<
CentraCare Health- Family Health Center	27.1%	39.6%	12.4%	Y	.
CentraCare Health- Long Prairie	26.8%	55.5%	28.7%	Y	.
CentraCare Health- Paynesville Clinic	15.8%	35.2%	19.4%	Y	.
CentraCare Health Plaza-Endocrinology	22.8%	36.2%	13.4%	Y	.
CentraCare Health Plaza-Family Medicine	33.3%	54.4%	21.1%	Y	.
CentraCare Health Plaza-Internal Medicine	36.4%	54.8%	18.4%	Y	.
CentraCare Health- Sauk Centre	32.6%	41.4%	8.9%	.	.
CentraCare River Campus-Internal Medicine	54.6%	60.6%	6.0%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	28.4%	42.4%	14.0%	Y	.
Community-University Health Care Center	36.3%	36.4%	0.1%	.	<
Duluth Family Medicine Clinic	28.4%	31.6%	3.3%	.	<
EH Central Baxter Clinic	47.4%	52.3%	4.8%	.	.
EH Central Brainerd Clinic	30.3%	50.3%	20.1%	Y	.
EH Central Pine River Clinic	18.4%	37.8%	19.4%	Y	.
EH East Ashland Clinic	28.9%	46.0%	17.1%	Y	.
EH East Deer River Clinic	23.3%	50.2%	27.0%	Y	.
EH East Duluth Clinic 1st St	32.6%	49.7%	17.1%	Y	.
EH East Ely Clinic	36.4%	51.2%	14.9%	.	.
EH East Hayward Clinic	28.1%	51.8%	23.7%	Y	.
EH East Hermantown Clinic	36.5%	54.3%	17.7%	Y	.
EH East Hibbing Clinic	38.2%	54.4%	16.2%	.	.
EH East Northern Pines Clinic	33.3%	51.4%	18.1%	Y	.
EH East Spooner Clinic	21.9%	53.1%	31.2%	Y	.
EH East Superior Clinic	30.4%	45.5%	15.1%	Y	.
EH East Virginia Clinic	32.7%	46.4%	13.8%	Y	.
EH East West Duluth Clinic	30.7%	46.4%	15.7%	Y	.
EH West Detroit Lakes Clinic	36.1%	46.7%	10.6%	Y	.
EH West Fosston Clinic	26.7%	38.2%	11.6%	.	.
EH West Moorhead	36.8%	54.1%	17.3%	Y	.
EH West Park Rapids Clinic	30.8%	42.2%	11.4%	Y	.
EH West South University Clinic	22.2%	47.7%	25.4%	Y	.
EH West Wahpeton Clinic	33.3%	57.3%	23.9%	Y	.
Entira Family Clinics - Como/Roseville	36.4%	54.6%	18.2%	Y	.
Entira Family Clinics - East Side	47.2%	51.3%	4.1%	.	<
Entira Family Clinics - Inver Grove Heights	40.5%	60.0%	19.4%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	35.6%	42.8%	7.2%	.	.
Entira Family Clinics - North St. Paul	32.6%	56.5%	23.9%	Y	.
Entira Family Clinics - Vadnais Heights	40.0%	63.4%	23.4%	Y	.
Entira Family Clinics - West St. Paul	41.0%	53.5%	12.5%	.	.
Entira Family Clinics - Woodbury	52.6%	60.2%	7.6%	.	.
Fairview Andover Clinic	38.7%	52.1%	13.5%	Y	.
Fairview Apple Valley Clinic	37.5%	43.5%	6.0%	.	<

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 35: 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	33.6%	48.9%	15.3%	Y	
Fairview Blaine Clinic	49.0%	50.5%	1.5%	.	.
Fairview Bloomington Lake Minneapolis	36.5%	38.5%	2.0%	.	<
Fairview Bloomington Lake Xerxes	36.4%	51.9%	15.5%	Y	.
Fairview Brooklyn Park Clinic	51.0%	50.6%	-0.4%	.	<
Fairview Burnsville Clinic	37.2%	52.0%	14.8%	Y	.
Fairview Columbia Heights Clinic	39.4%	49.9%	10.5%	Y	.
Fairview Crosstown Clinic	48.8%	57.4%	8.6%	.	.
Fairview Eagan Clinic	52.2%	57.9%	5.7%	.	.
Fairview EdenCenter Clinic	53.8%	52.0%	-1.8%	.	<
Fairview Elk River Clinic	44.2%	53.6%	9.4%	.	.
Fairview Fridley Clinic	39.7%	51.7%	12.0%	Y	.
Fairview Hiawatha Clinic	47.3%	54.0%	6.7%	.	.
Fairview Lakes Medical Center	31.9%	53.6%	21.7%	Y	.
Fairview Lino Lakes Clinic	31.9%	52.8%	20.9%	Y	.
Fairview Milaca Clinic	44.4%	48.2%	3.8%	.	.
Fairview New Brighton Clinic	39.4%	51.7%	12.3%	Y	.
Fairview North Branch Clinic	45.2%	52.4%	7.2%	.	.
Fairview Oxboro Clinic	41.7%	58.5%	16.8%	Y	.
Fairview Princeton Clinic	32.7%	45.8%	13.2%	Y	.
Fairview Riverside	26.2%	43.8%	17.6%	Y	.
Fairview Riverside Primary Care Clinic	19.1%	28.2%	9.2%	.	.
Fairview Uptown Clinic	41.7%	54.2%	12.5%	.	.
Family Medical Center	25.3%	42.7%	17.4%	Y	.
Family Practice Medical Center of Willmar	40.4%	59.1%	18.7%	Y	.
FirstLight Health System - Hinckley	16.7%	39.5%	22.9%	Y	.
FirstLight Health System - Mora	33.1%	48.0%	14.9%	Y	.
FirstLight Health System - Pine City	25.7%	39.9%	14.2%	.	.
France Avenue Family Physicians - Minnesota Healthcare Network	33.3%	54.5%	21.2%	Y	.
Gateway Family Health Clinic - Moose Lake	25.8%	28.9%	3.0%	.	<
Gateway Family Health Clinic - Sandstone	41.8%	33.5%	-8.3%	.	<
Glencoe Regional Health Services - Glencoe	34.0%	43.9%	9.9%	.	.
Grand Itasca Clinic	21.7%	39.5%	17.8%	Y	.
HealthEast Cottage Grove Clinic	30.0%	45.5%	15.5%	Y	.
HealthEast Downtown St. Paul Clinic	35.0%	41.4%	6.4%	.	.
HealthEast Grand Avenue Clinic	41.3%	36.0%	-5.3%	.	<
HealthEast Maplewood Clinic	31.7%	29.0%	-2.7%	.	<
HealthEast Midway Clinic	33.3%	43.7%	10.4%	.	.
HealthEast Oakdale	29.2%	40.3%	11.1%	.	.
HealthEast Rice Street Clinic	32.3%	39.3%	7.0%	.	<
HealthEast Roselawn Clinic	29.6%	27.5%	-2.1%	.	<
HealthEast Roseville Clinic	28.1%	43.7%	15.6%	.	.
HealthEast Tamarack Clinic Woodbury	20.9%	40.6%	19.7%	Y	.
HealthEast Vadnais Heights Clinic	43.1%	43.8%	0.7%	.	<
HealthEast Woodbury Clinic	36.7%	41.2%	4.6%	.	<
HealthPartners - Andover	25.9%	54.2%	28.3%	Y	.
HealthPartners - Anoka	38.9%	51.4%	12.5%	Y	.
HealthPartners - Apple Valley	34.1%	51.6%	17.5%	Y	.
HealthPartners - Arden Hills	59.7%	65.7%	6.0%	.	.
HealthPartners - Bloomington	49.1%	54.8%	5.7%	.	.
HealthPartners - Brooklyn Center	50.6%	57.7%	7.1%	.	<
HealthPartners - Como	37.5%	54.7%	17.2%	Y	.
HealthPartners - Coon Rapids	46.0%	63.4%	17.4%	Y	.
HealthPartners - Ctr for Internatl Hlth	56.8%	46.1%	-10.7%	.	<

Y = Yes, statistical significance

&lt; = Significantly smaller purchaser gap within Medical Group than the statewide gap

&gt; = Significantly larger purchaser gap within Medical Group than the statewide gap



# Table 35: 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
<b>Statewide</b>	<b>33.6%</b>	<b>48.9%</b>	<b>15.3%</b>	<b>Y</b>	
HealthPartners - Eagan	40.0%	54.8%	14.8%	.	.
HealthPartners - Elk River	47.2%	58.5%	11.3%	.	.
HealthPartners - Hlth Ctr for Women	45.7%	60.4%	14.7%	.	.
HealthPartners - Inver Grove Heights	30.0%	48.2%	18.2%	Y	.
HealthPartners - Maplewood	31.4%	53.6%	22.3%	Y	.
HealthPartners - Midway	41.3%	43.8%	2.5%	.	<
HealthPartners - Riverside	54.6%	50.8%	-3.7%	.	<
HealthPartners - Roseville	25.6%	62.2%	36.7%	Y	>
HealthPartners - Specialty Center 401	34.9%	50.3%	15.4%	.	.
HealthPartners - St Paul	32.1%	50.3%	18.2%	Y	.
HealthPartners - University Ave	34.8%	52.4%	17.5%	Y	.
HealthPartners - West	44.6%	52.2%	7.5%	.	.
HealthPartners - White Bear Lake	33.9%	57.8%	23.9%	Y	.
HealthPartners - Woodbury	43.9%	58.1%	14.2%	Y	.
HealthPartners Central Minnesota Clinics	33.1%	46.3%	13.1%	Y	.
Hennepin County Medical Center Clinics - Brooklyn Center Clinic	22.5%	34.9%	12.4%	Y	.
Hennepin County Medical Center Clinics - Brooklyn Park Clinic	40.7%	38.5%	-2.1%	.	<
Hennepin County Medical Ctr. Clinics - Downtown Medicine Clinic	22.2%	24.6%	2.4%	.	<
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	35.0%	26.6%	-8.5%	.	<
HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	26.1%	36.0%	9.9%	Y	.
Hennepin Co. Med. Ctr. Clinics - Internal Medicine Clinic at Parkside	26.2%	31.0%	4.8%	.	<
Hennepin County Medical Center Clinics - Positive Care Clinic	18.6%	17.7%	-0.9%	.	<
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	32.1%	34.8%	2.7%	.	<
Hennepin County Medical Center Clinics - St. Anthony Village Clinic	25.0%	30.2%	5.2%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	25.1%	27.4%	2.3%	.	<
Hudson Physicians	36.3%	43.2%	6.9%	.	.
Hutchinson Health - Hutchinson Clinic	34.0%	42.6%	8.6%	.	.
Indian Health Board of Minneapolis	20.0%	38.5%	18.5%	Y	.
Johnson Memorial Health Services - Dawson Clinic	34.4%	45.7%	11.3%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	22.3%	31.6%	9.3%	Y	.
Lake Superior Community Health Center - Duluth	22.6%	25.9%	3.3%	.	<
Lake View Clinic - Two Harbors	16.2%	35.0%	18.8%	Y	.
Lakewood Health System - Staples Clinic	36.8%	36.0%	-0.9%	.	<
Mankato Clinic - Main Street	40.4%	50.3%	9.9%	Y	.
Mankato Clinic - North Mankato	41.2%	54.3%	13.2%	.	.
Mankato Clinic - Wickersham Campus	23.5%	55.7%	32.2%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	28.3%	45.6%	17.3%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	30.5%	46.8%	16.3%	Y	.
Mayo Clinic - Kasson	20.8%	42.0%	21.2%	Y	.
Mayo Clinic - Northeast	35.0%	49.4%	14.4%	.	.
Mayo Clinic - Specialty Practice	28.9%	42.5%	13.6%	Y	.
Mayo Clinic Health System Albert Lea	35.2%	50.7%	15.5%	Y	.
Mayo Clinic Health System Austin	30.1%	46.4%	16.3%	Y	.
Mayo Clinic Health System Cannon Falls	36.7%	44.1%	7.4%	.	.
Mayo Clinic Health System Fairmont	39.9%	46.5%	6.6%	.	<
Mayo Clinic Health System Faribault Hwy 60	45.5%	49.8%	4.3%	.	.
Mayo Clinic Health System Lake City	43.2%	55.0%	11.8%	.	.
Mayo Clinic Health System Le Sueur	29.4%	55.3%	25.9%	Y	.
Mayo Clinic Health System Mankato Eastridge	35.3%	55.3%	20.0%	Y	.
Mayo Clinic Health System Mankato Northridge	35.9%	55.4%	19.5%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	35.1%	56.9%	21.8%	Y	.
Mayo Clinic Health System Owatonna	40.9%	52.6%	11.7%	Y	.
Mayo Clinic Health System Red Wing	41.6%	50.7%	9.1%	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 35: 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	33.6%	48.9%	15.3%	Y	
Mayo Clinic Health System St. James	45.5%	49.8%	4.4%	.	.
Mayo Clinic Health System St. Peter	47.4%	58.1%	10.6%	.	.
Mayo Clinic Health System Waseca	31.7%	59.1%	27.4%	Y	.
Mille Lacs Health System - Onamia	7.0%	19.1%	12.0%	Y	.
Multicare Associates - Blaine Medical Center	29.7%	39.7%	10.0%	.	.
Multicare Associates - Fridley Medical Center	32.6%	37.0%	4.4%	.	<
Multicare Associates - Roseville Medical Center	48.8%	49.5%	0.7%	.	.
Native American Community Clinic	22.0%	22.3%	0.3%	.	<
Neighborhood HealthSource - Fremont Clinic	22.7%	29.0%	6.3%	.	.
Neighborhood HealthSource-Central Clinic	17.7%	24.6%	6.8%	.	.
North Clinic - Maple Grove Office	25.0%	32.3%	7.3%	.	.
North Clinic - Oakdale Office in Robbinsdale	24.6%	31.0%	6.4%	.	<
North Clinic - Osseo Office	24.2%	34.6%	10.4%	.	.
North Clinic - Plymouth	15.2%	37.9%	22.7%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	34.6%	42.5%	8.0%	.	.
North Memorial Clinic - Brooklyn Park Physicians	32.9%	42.7%	9.8%	.	.
North Memorial Clinic - Camden	33.9%	45.9%	11.9%	.	.
North Memorial Clinic - Golden Valley Physicians	51.2%	44.8%	-6.3%	.	<
North Memorial Clinic - Maple Grove	53.3%	42.8%	-10.5%	.	<
North Memorial Clinic - New Hope	45.5%	65.6%	20.1%	Y	.
North Memorial Clinic - Northeast Family Physicians	35.0%	57.0%	22.0%	Y	.
North Memorial Clinic, Silver Lake - St. Anthony	42.5%	50.2%	7.7%	.	.
NorthPoint Health & Wellness Center	26.8%	27.8%	1.0%	.	<
Northwest Family Physicians - Crystal	24.5%	36.6%	12.1%	Y	.
Olmsted Medical Center - Rochester Northwest	38.2%	49.4%	11.2%	.	.
Olmsted Medical Center - Rochester Southeast	32.6%	43.4%	10.8%	Y	.
Open Cities Health (Dunlap) - Family Medicine	0.5%	2.7%	2.2%	.	<
Open Door Health Center	16.7%	18.2%	1.5%	.	<
Ortonville Area Health Services-Northside Medical Clinic	48.4%	53.0%	4.6%	.	.
Park Nicollet Clinic - Bloomington	52.1%	57.4%	5.3%	.	.
Park Nicollet Clinic - Brookdale	51.2%	59.0%	7.8%	Y	<
Park Nicollet Clinic - Burnsville	48.5%	63.0%	14.5%	Y	.
Park Nicollet Clinic - Carlson	44.2%	68.7%	24.4%	Y	.
Park Nicollet Clinic - Chanhassen	40.5%	61.4%	20.9%	Y	.
Park Nicollet Clinic - Creekside	35.7%	48.4%	12.7%	.	.
Park Nicollet Clinic - Eagan	47.1%	60.4%	13.4%	Y	.
Park Nicollet Clinic - Golden Valley	52.3%	71.1%	18.9%	Y	.
Park Nicollet Clinic - Minneapolis	35.3%	45.3%	10.1%	Y	.
Park Nicollet Clinic - Plymouth	39.1%	53.7%	14.5%	Y	.
Park Nicollet Clinic - Prairie Center	61.5%	67.8%	6.3%	.	.
Park Nicollet Clinic - Prior Lake	42.4%	50.7%	8.2%	.	.
Park Nicollet Clinic - Shakopee	51.6%	58.0%	6.5%	.	<
Park Nicollet Clinic - St. Louis Park Endocrinology	32.6%	48.7%	16.0%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	47.9%	59.1%	11.2%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	47.0%	66.0%	19.0%	Y	.
Park Nicollet Clinic - Wayzata	57.6%	67.4%	9.8%	.	.
Park Nicollet Clinic and Specialty Center - Maple Grove	50.0%	59.4%	9.4%	.	.
Perham Health Clinic	41.2%	47.4%	6.2%	.	.
Raifer Clinic-IHN	20.4%	27.1%	6.6%	.	<
Range Regional Health Svcs. dba Fairview Mesaba Clinic - Hibbing	20.7%	37.9%	17.2%	Y	.
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Mountain Iron	18.0%	35.3%	17.3%	Y	.
Renville County Hospital and Clinics - Olivia	19.5%	33.2%	13.7%	.	.
Ridgeview Westonka Clinic	38.7%	41.7%	3.0%	.	.

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 35: 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
<b>Statewide</b>	<b>33.6%</b>	<b>48.9%</b>	<b>15.3%</b>	<b>Y</b>	
Riverwood Aitkin Clinic	22.0%	49.1%	27.0%	Y	.
Riverwood McGregor Clinic	8.0%	38.1%	30.1%	Y	>
Sanford Aberdeen Clinic	26.7%	47.8%	21.2%	Y	.
Sanford Bagley Clinic	21.4%	37.1%	15.7%	.	.
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	18.5%	45.2%	26.7%	Y	>
Sanford Bemidji Main Clinic - Family Medicine	28.2%	49.9%	21.7%	Y	.
Sanford Fargo Broadway Clinic - Internal Medicine	24.4%	58.4%	34.0%	Y	>
Sanford Fargo Southpointe Clinic - Endocrinology	22.5%	40.1%	17.7%	Y	.
Sanford Fargo Southpointe Clinic - Family Medicine	30.6%	51.8%	21.2%	Y	.
Sanford Fargo Southpointe Clinic - Internal Medicine	36.2%	55.0%	18.8%	Y	.
Sanford Health Alexandria Broadway Clinic	28.1%	41.8%	13.8%	Y	.
Sanford Health Detroit Lakes Clinic	42.0%	50.9%	8.9%	.	.
Sanford Laverne Clinic	46.3%	51.6%	5.3%	.	.
Sanford Moorhead Clinic - Family Medicine	30.6%	43.5%	12.9%	.	.
Sanford Moorhead Clinic - Internal Medicine	31.0%	56.6%	25.6%	Y	.
Sanford Sioux Falls Diabetes and Thyroid Clinic	15.9%	41.0%	25.1%	Y	.
Sanford Thief River Falls Clinic	42.3%	52.6%	10.3%	.	.
Sanford Worthington Clinic	43.1%	48.3%	5.2%	.	.
Scenic Rivers Health Services - Bigfork/Big Falls	29.8%	47.2%	17.4%	Y	.
Scenic Rivers Health Services - Cook	10.0%	38.4%	28.4%	Y	.
Southside Medical Clinic	18.9%	37.0%	18.1%	Y	.
St Luke's Clinics-Denfled	30.4%	34.2%	3.8%	.	.
St Luke's Clinics-Endocrinology Associates	20.0%	34.7%	14.7%	Y	.
St Luke's Clinics-Hibbing Family Medical Clinic	22.6%	36.0%	13.4%	Y	.
St Luke's Clinics-Internal Medicine Associates	28.2%	46.2%	18.1%	Y	.
St Luke's Clinics-Laurentian	25.8%	33.1%	7.3%	.	.
St Luke's Clinics-P.S. Rudie Medical Clinic	44.1%	55.1%	11.0%	.	.
St. Cloud Medical Group - NW- IHN	28.4%	47.6%	19.2%	Y	.
St. Cloud Medical Group - South -IHN	44.7%	47.6%	2.8%	.	<
St. Croix Regional Medical Center - St. Croix Falls Clinic	15.2%	44.3%	29.1%	Y	.
Stillwater Medical Group - Curve Crest Clinic	35.9%	58.6%	22.7%	Y	.
Tri-County Health Care - Wadena Clinic	29.3%	32.1%	2.8%	.	<
United Family Medicine	25.5%	33.7%	8.2%	Y	<
United Hospital District Clinic	22.6%	37.2%	14.5%	Y	.
University of MN Health - Fairview Maple Grove Medical Center	31.8%	40.8%	9.0%	.	.
University of Minnesota Health - Medicine Specialties Clinic	31.6%	37.5%	5.9%	.	<
University of Minnesota Health - Primary Care Center	35.3%	38.1%	2.9%	.	<
University of Minnesota Health - Smiley's Family Medicine Clinic	33.7%	32.1%	-1.6%	.	<
University of MN Physicians - Bethesda Family Medicine Clinic	28.2%	33.5%	5.4%	.	<
University of MN Physicians - Broadway Family Medicine Clinic	18.1%	28.3%	10.2%	Y	.
University of MN Physicians - Phalen Village Family Medicine Clinic	27.2%	24.7%	-2.5%	.	<
Vibrant Health Family Clinics and MN Health Network-River Falls	41.9%	44.2%	2.2%	.	.
West Side Community Health Services - East Side Family Clinic	19.4%	20.3%	0.9%	.	<
West Side Community Health Services - La Clinica	26.9%	32.5%	5.6%	.	<
West Side Community Health Services - McDonough Homes Clinic	25.5%	20.0%	-5.5%	.	<
Winona Health - Winona Clinic	25.9%	37.8%	11.9%	Y	.

Y = Yes, statistical significance

&lt; = Significantly smaller purchaser gap within

Medical Group than the statewide gap

&gt; = Significantly larger purchaser gap within

Medical Group than the statewide gap

Please see the next page.

## Optimal Vascular Care

One hundred and 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 16 percentage points and is statistically significant. This means that the Optimal Vascular Care statewide rate for MHCP patients (52 percent) was significantly lower than that of Other Purchasers (68 percent).

Ninety eight of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 49 had significant gaps between purchasers. (See Table 36, Column 5) This means 49 clinics had significantly lower performance rates compared to Other Purchasers. Of the 106 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; 11 clinics had a significantly smaller purchaser gap than the statewide gap. Of those 11 clinics, six had a MHCP rate that was higher than their Other Purchasers rate. (See Column 6)

The **seven 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 36 summarizes these findings.

- **FirstLight Health System - Mora**
- **Hennepin County Medical Center (HCMC) Clinics - Hennepin Heart Center**
- **Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic**
- **Multicare Associates - Fridley Medical Center**
- **NorthPoint Health & Wellness Center**
- **Tri-County Health Care - Wadena Clinic**
- **Winona Health - Winona Clinic**



# Table 36: 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	52.3%	68.2%	15.9%	Y	
Affiliated Community Medical Centers - Willmar Clinic	61.9%	70.0%	22.1%	Y	.
Alexandria Clinic, A Service of Douglas County Hospital	64.7%	65.3%	12.8%	.	.
Allina Health - Bandana Square (Aspen)	72.0%	67.5%	10.4%	.	.
Allina Health - Buffalo	80.9%	73.8%	5.4%	.	.
Allina Health - Cambridge	52.2%	65.3%	23.2%	Y	.
Allina Health - Coon Rapids	64.4%	75.9%	20.0%	Y	.
Allina Health - Cottage Grove	63.6%	64.7%	17.9%	Y	.
Allina Health - Faribault	72.2%	72.4%	13.9%	.	.
Allina Health - First Street	72.8%	67.3%	9.7%	.	.
Allina Health - Maplewood (Aspen)	69.9%	72.7%	17.5%	Y	.
Allina Health - Northfield	75.2%	74.4%	13.3%	.	.
Allina Health - Plymouth	78.8%	74.7%	7.4%	.	.
Allina Health - Richfield	68.0%	72.3%	19.5%	Y	.
Allina Health Spec. - Metrop. Heart & Vascular Inst. Coon Rapids	63.8%	70.8%	12.1%	Y	.
Allina Health Specialties - Minneapolis Heart Institute ANW	70.8%	75.7%	10.8%	Y	.
Allina Health Specialties - New Ulm Medical Center	50.5%	72.2%	36.0%	Y	>
Allina Health Specialties - United Heart and Vascular Clinic	65.9%	71.4%	10.8%	Y	.
Altru Health System - Main	64.1%	66.5%	15.5%	Y	.
Bluestone Physician Services	42.0%	33.3%	7.0%	.	.
Buffalo Clinic-IHN	73.6%	72.6%	14.5%	.	.
CentraCare Clinic - Northway	63.9%	77.2%	30.6%	Y	.
CentraCare River Campus-CentraCare Heart & Vascular Center	63.1%	64.2%	14.2%	Y	.
CentraCare River Campus-Internal Medicine	62.8%	77.8%	28.8%	Y	.
EH Central Brainerd Clinic	66.1%	69.6%	13.9%	Y	.
EH East Ashland Clinic	70.8%	66.0%	11.2%	.	.
EH East Duluth Clinic 1st St	59.6%	68.8%	21.2%	Y	.
EH East Duluth Clinic Main	61.9%	58.0%	8.9%	.	.
EH East Superior Clinic	56.3%	62.1%	22.7%	Y	.
EH East Virginia Clinic	68.4%	63.9%	10.0%	.	.
EH East West Duluth Clinic	77.3%	64.3%	0.2%	.	.
EH West Detroit Lakes Clinic	69.1%	66.2%	13.0%	.	.
EH West Park Rapids Clinic	68.6%	66.4%	13.5%	.	.
Fairview Apple Valley Clinic	78.9%	68.4%	3.8%	.	.
Fairview Brooklyn Park Clinic	66.6%	72.9%	20.6%	Y	.
Fairview Burnsville Clinic	64.8%	77.1%	24.0%	Y	.
Fairview Columbia Heights Clinic	71.1%	65.5%	9.6%	.	.
Fairview Crosstown Clinic	80.1%	79.1%	9.8%	.	.
Fairview Eagan Clinic	61.1%	74.6%	28.1%	Y	.
Fairview Fridley Clinic	74.8%	70.5%	6.6%	.	.
Fairview Lakes Medical Center	67.1%	70.3%	17.0%	Y	.
Fairview New Brighton Clinic	69.3%	71.7%	16.7%	.	.
Fairview Oxboro Clinic	84.7%	75.1%	1.3%	.	.
Fairview Princeton Clinic	68.2%	67.4%	12.3%	.	.
Family Medical Center	57.8%	58.0%	15.5%	.	.
FirstLight Health System - Mora	80.3%	63.8%	-2.9%	.	<
Grand Itasca Clinic	53.0%	63.8%	22.9%	Y	.
HealthEast Downtown St. Paul Clinic	60.7%	64.9%	21.2%	Y	.
HealthEast Rice Street Clinic	61.7%	56.7%	5.5%	.	.
HealthEast Roselawn Clinic	59.4%	53.0%	6.7%	.	.
HealthPartners - Brooklyn Center	70.5%	74.5%	17.0%	Y	.
HealthPartners - Como	71.1%	69.1%	13.2%	.	.
HealthPartners - Maplewood	60.7%	67.8%	24.1%	Y	.
HealthPartners - Midway	62.1%	58.1%	10.4%	.	.
HealthPartners - Regions Specialty Ctr	55.9%	73.8%	30.1%	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 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Vascular 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	52.3%	68.2%	15.9%	Y	
HealthPartners - Riverside	78.1%	72.9%	9.6%	.	.
HealthPartners - St Paul	48.4%	60.1%	23.7%	Y	.
HealthPartners - University Ave	47.0%	62.9%	30.3%	Y	.
HealthPartners - Woodbury	73.6%	74.7%	16.6%	Y	.
HealthPartners Central Minnesota Clinics	65.2%	66.3%	18.0%	.	.
Hennepin County Med. Ctr. Clinics - Downtown Medicine Clinic	41.7%	45.0%	8.8%	Y	.
Hennepin County Med. Ctr. Clinics - Hennepin Heart Center	71.1%	45.3%	-10.6%	.	<
HCMC Clinics - Internal Medicine Clinic at Parkside	55.1%	47.4%	5.0%	.	.
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	60.6%	44.7%	0.6%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	54.6%	38.2%	-4.9%	.	<
Lake Region Healthcare Clinic Services - Fergus Falls	51.1%	55.6%	19.2%	Y	.
Mankato Clinic - Main Street	73.0%	72.8%	12.8%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	53.3%	64.4%	24.0%	Y	.
Mayo Clinic - Speciality Practice	72.3%	66.4%	3.8%	.	<
Mayo Clinic Health System Albert Lea	67.4%	67.0%	10.9%	.	.
Mayo Clinic Health System Austin	62.2%	62.0%	11.3%	.	.
Mayo Clinic Health System Fairmont	72.9%	60.1%	1.8%	.	.
Mayo Clinic Health System Mankato Eastridge	64.7%	71.2%	20.2%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	68.2%	74.2%	17.3%	Y	.
Mayo Clinic Health System Owatonna	77.6%	71.5%	5.5%	.	.
Mayo Clinic Health System Red Wing	67.1%	68.0%	14.6%	.	.
Multicare Associates - Fridley Medical Center	74.5%	52.3%	-7.1%	.	<
North Clinic - Oakdale Office in Robbinsdale	51.7%	56.0%	15.1%	Y	.
North Memorial Clinic - Maple Grove	67.9%	69.8%	16.1%	Y	.
North Memorial Heart & Vascular Institute	63.0%	65.9%	12.7%	Y	.
NorthPoint Health & Wellness Center	61.9%	48.0%	-3.8%	.	<
Northwest Family Physicians - Crystal	44.2%	50.4%	23.1%	Y	.
Olmsted Medical Center - Rochester Southeast	55.1%	61.2%	18.3%	Y	.
Open Cities Health (Dunlap) - Family Medicine	14.4%	10.0%	4.7%	.	<
Park Nicollet Clinic - Brookdale	76.9%	76.6%	11.2%	.	.
Park Nicollet Clinic - Burnsville	74.3%	78.8%	17.4%	Y	.
Park Nicollet Clinic - Minneapolis	79.6%	78.1%	12.5%	.	.
Park Nicollet Clinic - Shakopee	87.6%	76.4%	-0.1%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	74.9%	75.1%	12.9%	.	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	77.9%	79.0%	11.8%	Y	.
Raiter Clinic-IHN	40.8%	46.0%	17.7%	Y	.
Sanford Bemidji Main Clinic - Family Medicine	72.0%	72.3%	15.1%	.	.
Sanford Bemidji Main Clinic - Specialty Clinics	67.3%	75.3%	20.1%	Y	.
Sanford Fargo Heart Center	64.7%	73.7%	22.6%	Y	.
Sanford Health Detroit Lakes Clinic	71.3%	69.7%	12.9%	.	.
St Luke's Clinics-Cardiology Associates	69.7%	67.0%	9.6%	.	.
St Luke's Clinics-Internal Medicine Associates	60.5%	67.4%	20.4%	Y	.
Stillwater Medical Group - Curve Crest Clinic	66.7%	73.0%	19.9%	Y	.
Tri-County Health Care - Wadena Clinic	60.3%	40.8%	-3.9%	.	<
United Family Medicine	45.7%	52.6%	18.7%	Y	.
University of MN Heart Care at Fairview Ridges Special Care Center	76.7%	77.8%	8.3%	Y	.
University of MN Heart Care at Fairview Southdale Hospital	73.3%	75.6%	7.1%	Y	<
University of MN Heart Care at University of Minnesota Med. Ctr.	71.2%	70.8%	6.1%	.	<
University of MN Physicians - Bethesda Family Medicine Clinic	61.7%	48.7%	0.8%	.	.
University of MN Physicians - Broadway Family Medicine Clinic	45.9%	41.7%	8.3%	.	.
University of MN Physicians - Phalen Village Family Medicine Clinic	63.8%	52.6%	3.9%	.	.
Winona Health - Winona Clinic	60.8%	41.6%	-6.7%	.	<

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.

## Depression Remission at Six Months

Two hundred twenty-five 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 (five percent) was significantly lower than that of Other Purchasers (nine percent).

Of the 225 clinics, 168 of them had rates for MHCP patients that were lower than Other Purchaser patients; 22 of those clinics had a significant gap between purchasers. (See Table 37 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 225 clinics, nine 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. Nine clinics had a larger purchaser gap than the gap at the statewide level; 20 clinics had a smaller purchaser gap than the gap at the statewide level. (See Column 6)

The **seven 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 37 summarizes these findings.

- **Affiliated Community Medical Centers - Redwood Falls Clinic**
- **Affiliated Community Medical Centers- Marshall Clinic**
- **Fairview Columbia Heights Clinic**
- **Hamm Clinic**
- **Mayo Clinic Health System Austin**
- **Sanford Thief River Falls Clinic**
- **Stillwater Medical Group - Curve Crest Clinic**

# Table 37: 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
<b>Statewide</b>	<b>4.8%</b>	<b>9.1%</b>	<b>4.3%</b>	<b>Y</b>	
<b>Affiliated Community Medical Centers - Redwood Falls Clinic</b>	<b>6.9%</b>	<b>3.6%</b>	<b>-3.3%</b>	.	<
<b>Affiliated Community Medical Centers - Willmar Clinic</b>	<b>5.2%</b>	<b>5.7%</b>	<b>0.5%</b>	.	.
<b>Affiliated Community Medical Centers- Marshall Clinic</b>	<b>6.1%</b>	<b>3.6%</b>	<b>-2.5%</b>	.	<
<b>Allina Health - Bandana Square (Aspen)</b>	<b>4.5%</b>	<b>9.9%</b>	<b>5.4%</b>	.	.
<b>Allina Health - Blaine</b>	<b>2.7%</b>	<b>14.8%</b>	<b>12.1%</b>	<b>Y</b>	.
<b>Allina Health - Bloomington (Aspen)</b>	<b>4.8%</b>	<b>7.4%</b>	<b>2.6%</b>	.	.
<b>Allina Health - Brooklyn Park</b>	<b>3.5%</b>	<b>10.7%</b>	<b>7.2%</b>	.	.
<b>Allina Health - Buffalo</b>	<b>12.8%</b>	<b>18.0%</b>	<b>5.2%</b>	.	.
<b>Allina Health - Burnsville (Quello)</b>	<b>12.8%</b>	<b>7.7%</b>	<b>-5.1%</b>	.	>
<b>Allina Health - Cambridge</b>	<b>10.6%</b>	<b>14.8%</b>	<b>4.2%</b>	.	.
<b>Allina Health - Centennial Lakes (Quello)</b>	<b>11.4%</b>	<b>23.3%</b>	<b>11.8%</b>	.	.
<b>Allina Health - Champlin</b>	<b>5.8%</b>	<b>11.9%</b>	<b>6.1%</b>	.	.
<b>Allina Health - Chaska</b>	<b>0.0%</b>	<b>6.2%</b>	<b>6.2%</b>	.	.
<b>Allina Health - Coon Rapids</b>	<b>6.8%</b>	<b>11.3%</b>	<b>4.5%</b>	<b>Y</b>	.
<b>Allina Health - Cottage Grove</b>	<b>7.8%</b>	<b>11.4%</b>	<b>3.5%</b>	.	.
<b>Allina Health - Eagan</b>	<b>8.3%</b>	<b>15.8%</b>	<b>7.5%</b>	.	.
<b>Allina Health - East Lake Street (Aspen)</b>	<b>6.3%</b>	<b>17.9%</b>	<b>11.6%</b>	.	.
<b>Allina Health - Elk River</b>	<b>13.3%</b>	<b>11.6%</b>	<b>-1.7%</b>	.	.
<b>Allina Health - Faribault</b>	<b>5.6%</b>	<b>19.6%</b>	<b>14.0%</b>	<b>Y</b>	>
<b>Allina Health - Farmington</b>	<b>15.2%</b>	<b>12.6%</b>	<b>-2.5%</b>	.	.
<b>Allina Health - First Street</b>	<b>9.3%</b>	<b>9.5%</b>	<b>0.2%</b>	.	.
<b>Allina Health - Forest Lake</b>	<b>7.9%</b>	<b>13.1%</b>	<b>5.2%</b>	.	.
<b>Allina Health - Fridley</b>	<b>8.5%</b>	<b>10.3%</b>	<b>1.9%</b>	.	.
<b>Allina Health - Maple Grove</b>	<b>3.0%</b>	<b>11.2%</b>	<b>8.2%</b>	.	.
<b>Allina Health - Maplewood (Aspen)</b>	<b>5.1%</b>	<b>16.4%</b>	<b>11.3%</b>	<b>Y</b>	.
<b>Allina Health - Nicollet Mall</b>	<b>4.6%</b>	<b>12.3%</b>	<b>7.7%</b>	.	.
<b>Allina Health - Nininger Road</b>	<b>2.2%</b>	<b>11.5%</b>	<b>9.3%</b>	.	.
<b>Allina Health - Northfield</b>	<b>4.4%</b>	<b>10.5%</b>	<b>6.1%</b>	.	.
<b>Allina Health - Plymouth</b>	<b>8.2%</b>	<b>13.5%</b>	<b>5.4%</b>	.	.
<b>Allina Health - Ramsey</b>	<b>9.1%</b>	<b>9.3%</b>	<b>0.2%</b>	.	.
<b>Allina Health - Richfield</b>	<b>4.5%</b>	<b>10.8%</b>	<b>6.4%</b>	.	.
<b>Allina Health - Shakopee</b>	<b>6.3%</b>	<b>11.1%</b>	<b>4.9%</b>	.	.
<b>Allina Health - Shoreview</b>	<b>12.2%</b>	<b>15.0%</b>	<b>2.9%</b>	.	.
<b>Allina Health - St. Michael</b>	<b>2.8%</b>	<b>18.3%</b>	<b>15.6%</b>	<b>Y</b>	.
<b>Allina Health - Uptown</b>	<b>10.2%</b>	<b>9.5%</b>	<b>-0.7%</b>	.	.
<b>Allina Health - West St. Paul</b>	<b>13.6%</b>	<b>13.3%</b>	<b>-0.3%</b>	.	.
<b>Allina Health - Woodbury</b>	<b>9.3%</b>	<b>13.3%</b>	<b>4.0%</b>	.	.
<b>Allina Health Specialties - Allina Mental Health Mpls Abbott</b>	<b>2.2%</b>	<b>7.3%</b>	<b>5.1%</b>	.	.
<b>Allina Health Specialties - Allina Mental Health United</b>	<b>6.3%</b>	<b>5.8%</b>	<b>-0.4%</b>	.	.
<b>Allina Health Specialties - Allina Mental Health Unity</b>	<b>4.2%</b>	<b>9.1%</b>	<b>4.9%</b>	.	.
<b>Allina Health Specialties - New Ulm Medical Center</b>	<b>7.6%</b>	<b>10.7%</b>	<b>3.2%</b>	.	.
<b>Apple Valley Medical Clinic - Family Practice</b>	<b>0.0%</b>	<b>3.2%</b>	<b>3.2%</b>	.	.
<b>Associated Clinic of Psychology-Apple Valley</b>	<b>0.0%</b>	<b>4.2%</b>	<b>4.2%</b>	.	.
<b>Associated Clinic of Psychology-Brooklyn Center</b>	<b>0.0%</b>	<b>1.4%</b>	<b>1.4%</b>	.	.
<b>Associated Clinic of Psychology-Minneapolis</b>	<b>3.0%</b>	<b>4.3%</b>	<b>1.4%</b>	.	<
<b>Associated Clinic of Psychology-West St. Paul</b>	<b>1.1%</b>	<b>3.6%</b>	<b>2.5%</b>	.	.
<b>Associates in Psychiatry &amp; Psychology-Rochester</b>	<b>2.2%</b>	<b>0.0%</b>	<b>-2.2%</b>	.	.
<b>Avera Marshall Psychiatry Associates</b>	<b>1.9%</b>	<b>2.5%</b>	<b>0.6%</b>	.	.
<b>Boynton Health Service</b>	<b>11.1%</b>	<b>6.8%</b>	<b>-4.3%</b>	.	>
<b>Buffalo Clinic-IHN</b>	<b>2.1%</b>	<b>2.5%</b>	<b>0.4%</b>	.	.

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 – 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
<b>Statewide</b>	<b>4.8%</b>	<b>9.1%</b>	<b>4.3%</b>	<b>Y</b>	
Buffalo Clinic-Monticello: IHN	0.0%	0.0%	0.0%	.	<
Cedar Riverside People's Center - People's Center Medical Clinic	0.0%	0.0%	0.0%	.	.
CentraCare Clinic - Northway	5.7%	6.6%	0.9%	.	.
CentraCare Clinic- Big Lake	10.5%	15.5%	5.0%	.	.
CentraCare Health- Long Prairie	5.4%	10.6%	5.2%	.	.
CentraCare Health Plaza-Family Medicine	4.4%	6.8%	2.4%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	2.4%	4.7%	2.3%	.	.
Community-University Health Care Center	0.0%	0.0%	0.0%	.	.
Duluth Family Medicine Clinic	1.1%	3.3%	2.1%	.	.
EH Central Baxter Clinic	4.3%	10.9%	6.6%	.	.
EH Central Brainerd Clinic	2.2%	10.6%	8.4%	.	.
EH Central Lakeland Psychiatry Clinic	5.0%	8.2%	3.2%	.	.
EH East Deer River Clinic	6.3%	16.4%	10.2%	.	.
EH East Duluth Clinic	2.3%	8.9%	6.6%	.	.
EH East Duluth Clinic 1st St	4.0%	11.6%	7.6%	.	.
EH East Hayward Clinic	5.6%	28.0%	22.4%	Y	>
EH East Lakeside Clinic	2.5%	9.7%	7.2%	.	.
EH East Superior Clinic	10.7%	15.3%	4.6%	.	.
EH East Virginia Clinic	3.0%	18.2%	15.2%	Y	.
EH West Detroit Lakes Clinic	13.7%	12.3%	-1.4%	.	.
EH West Fosston Clinic	2.2%	8.7%	6.6%	.	.
EH West Park Rapids Clinic	2.0%	9.1%	7.1%	.	.
Entira Family Clinics - Como/Roseville	0.0%	17.4%	17.4%	Y	>
Entira Family Clinics - East Side	1.3%	4.6%	3.3%	.	.
Entira Family Clinics - Maplewood/Battle Creek	8.1%	22.0%	13.9%	.	.
Entira Family Clinics - North St. Paul	7.7%	15.6%	7.9%	.	.
Entira Family Clinics - Vadnais Heights	4.2%	16.7%	12.5%	Y	.
Entira Family Clinics - West St. Paul	30.6%	44.7%	14.1%	.	.
Entira Family Clinics - White Bear Lake/Banning Ave	16.2%	14.3%	-1.9%	.	.
Entira Family Clinics - Woodbury	10.3%	18.9%	8.7%	.	.
Fairview Andover Clinic	14.4%	18.8%	4.3%	.	.
Fairview Apple Valley Clinic	2.1%	8.6%	6.5%	Y	.
Fairview Bass Lake Clinic	5.4%	4.6%	-0.8%	.	.
Fairview Blaine Clinic	2.2%	5.1%	2.9%	.	.
Fairview Bloomington Lake Minneapolis	4.6%	9.7%	5.1%	.	.
Fairview Bloomington Lake Xerxes	2.2%	8.6%	6.4%	.	.
Fairview Brooklyn Park Clinic	2.8%	7.4%	4.6%	.	.
Fairview Burnsville Clinic	4.6%	7.9%	3.3%	.	.
Fairview Chisago Lakes Clinic	2.1%	7.8%	5.7%	.	.
Fairview Columbia Heights Clinic	6.8%	5.0%	-1.8%	.	<
Fairview Crosstown Clinic	0.0%	5.3%	5.3%	.	.
Fairview Eagan Clinic	2.3%	3.1%	0.8%	.	.
Fairview EdenCenter Clinic	2.9%	4.9%	2.1%	.	.
Fairview Elk River Clinic	8.6%	18.3%	9.7%	.	.
Fairview Fridley Clinic	3.1%	5.6%	2.5%	.	.
Fairview Hiawatha Clinic	1.5%	10.1%	8.5%	Y	.
Fairview Highland Park Clinic	3.9%	8.9%	5.0%	.	.
Fairview Hugo Clinic	9.7%	5.1%	-4.6%	.	.
Fairview Lakes Medical Center	4.9%	6.1%	1.2%	.	.
Fairview Lakeville Clinic	3.2%	8.0%	4.8%	.	.

Y = Yes, statistical significance

&lt; = Significantly smaller purchaser gap within Medical Group than the statewide gap

&gt; = Significantly larger purchaser gap within Medical Group than the statewide gap



**Table 37: 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
<b>Statewide</b>	<b>4.8%</b>	<b>9.1%</b>	<b>4.3%</b>	<b>Y</b>	
Fairview Lino Lakes Clinic	7.3%	5.0%	-2.3%	.	.
Fairview Maple Grove Medical Center	0.0%	3.7%	3.7%	.	.
Fairview Milaca Clinic	2.6%	11.6%	9.0%	Y	.
Fairview New Brighton Clinic	5.6%	8.1%	2.5%	.	.
Fairview North Branch Clinic	3.5%	8.9%	5.5%	.	.
Fairview Oxboro Clinic	3.6%	9.5%	5.9%	.	.
Fairview Princeton Clinic	5.5%	7.9%	2.4%	.	.
Fairview Prior Lake Clinic	9.7%	7.6%	-2.1%	.	.
Fairview Riverside	5.0%	6.2%	1.2%	.	.
Fairview Riverside Primary Care Clinic	3.8%	2.7%	-1.0%	.	.
Fairview Rush City Clinic	3.3%	5.5%	2.2%	.	.
Fairview Uptown Clinic	7.6%	7.9%	0.3%	.	.
Fairview Zimmerman Clinic	10.3%	9.7%	-0.6%	.	.
Family Life Center	3.1%	0.4%	-2.7%	Y	<
Family Medical Center	0.0%	0.0%	0.0%	.	.
Family Practice Medical Center of Willmar	1.3%	5.1%	3.9%	.	.
FirstLight Health System - Mora	5.9%	8.9%	3.0%	.	.
Gateway Family Health Clinic - Moose Lake	0.0%	0.0%	0.0%	.	.
Gateway Family Health Clinic - Sandstone	0.0%	0.0%	0.0%	.	.
Glencoe Regional Health Services - Glencoe	0.0%	0.0%	0.0%	.	.
Grand Itasca Clinic	0.5%	3.5%	3.0%	Y	.
Hamm Clinic	5.0%	1.3%	-3.7%	.	<
HealthEast Grand Avenue Clinic	0.0%	1.2%	1.2%	.	.
HealthEast Oakdale	0.0%	1.9%	1.9%	.	.
HealthEast Rice Street Clinic	0.0%	6.3%	6.3%	.	.
HealthEast Roselawn Clinic	0.0%	0.0%	0.0%	.	.
HealthEast Roseville Clinic	0.0%	0.0%	0.0%	.	.
HealthPartners - Anoka	4.0%	4.8%	0.8%	.	.
HealthPartners - Arden Hills	18.8%	19.1%	0.3%	.	.
HealthPartners - Bloomington	7.1%	11.5%	4.3%	.	.
HealthPartners - Brooklyn Center	0.0%	3.0%	3.0%	.	.
HealthPartners - Como	1.5%	10.1%	8.6%	Y	.
HealthPartners - Coon Rapids	5.7%	9.8%	4.1%	.	.
HealthPartners - Inver Grove Behav Hlth	5.2%	14.4%	9.2%	.	.
HealthPartners - Lino Lakes	11.8%	12.2%	0.4%	.	.
HealthPartners - Maplewood	18.2%	8.3%	-9.9%	.	>
HealthPartners - Regions BH Maplewood	18.0%	16.8%	-1.3%	.	.
HealthPartners - Regions BH St Paul	4.8%	10.3%	5.6%	.	.
HealthPartners - Regions BH Woodbury	7.7%	11.5%	3.8%	.	.
HealthPartners - Riverside	2.2%	1.3%	-0.8%	.	.
HealthPartners - Riverside Behav Hlth	14.3%	14.6%	0.3%	.	.
HealthPartners - St Paul	6.1%	10.3%	4.1%	.	.
HealthPartners - West	4.4%	7.3%	2.9%	.	.
HealthPartners - West Behav Hlth	2.9%	14.1%	11.2%	.	.
HealthPartners - White Bear Lake	10.0%	9.3%	-0.7%	.	.
HealthPartners - Woodbury	2.0%	10.1%	8.1%	.	.
HealthPartners Central Minnesota Clinics	4.9%	8.4%	3.5%	.	.
HCMC Clinics - Downtown Medicine Clinic	0.0%	3.3%	3.3%	.	.
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	1.6%	0.0%	-1.6%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	4.8%	0.0%	-4.8%	.	.

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 37: 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
<b>Statewide</b>	<b>4.8%</b>	<b>9.1%</b>	<b>4.3%</b>	<b>Y</b>	
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	2.6%	0.0%	-2.6%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	2.5%	2.2%	-0.3%	.	.
Hudson Physicians	0.0%	2.3%	2.3%	.	.
Hutchinson Health - Hutchinson Clinic	0.0%	3.2%	3.2%	.	.
Hutchinson Health - Mental Health Clinic	0.0%	3.1%	3.1%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	2.2%	8.6%	6.5%	Y	.
Lake Superior Community Health Center - Duluth	1.7%	1.9%	0.2%	.	.
Lakeland Mental Health Center - Alexandria	0.0%	3.7%	3.7%	.	.
Lakeland Mental Health Center - Detroit Lakes	0.0%	4.2%	4.2%	.	.
Lakeland Mental Health Center - Fergus Falls	1.8%	0.0%	-1.8%	.	.
Lakeland Mental Health Center - Moorhead	0.0%	1.4%	1.4%	.	.
Mankato Clinic - Department of Psychiatry & Psychology	9.5%	10.9%	1.4%	.	.
Mankato Clinic - Main Street	3.6%	8.1%	4.5%	.	.
Mankato Clinic - North Mankato	11.6%	9.5%	-2.1%	.	.
Mankato Clinic - Wickersham Campus	1.9%	8.2%	6.2%	.	.
Mayo Clinic - Baldwin Building, Family Medicine	2.4%	12.1%	9.7%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	2.4%	9.7%	7.3%	.	.
Mayo Clinic - Northeast	6.5%	24.3%	17.9%	Y	.
Mayo Clinic - Speciality Practice	2.0%	2.2%	0.2%	.	<
Mayo Clinic Health System Albert Lea	5.8%	6.5%	0.6%	.	.
Mayo Clinic Health System Austin	4.9%	2.2%	-2.8%	.	<
Mayo Clinic Health System Fairmont	1.6%	5.4%	3.7%	.	.
Mayo Clinic Health System Lake Crystal	0.0%	2.5%	2.5%	.	.
Mayo Clinic Health System Le Sueur	2.8%	2.5%	-0.3%	.	.
Mayo Clinic Health System Mankato Eastridge	5.2%	9.3%	4.1%	.	.
Mayo Clinic Health System Mankato Northridge	1.5%	1.3%	-0.2%	.	<
Mayo Clinic Health System Owatonna	3.0%	4.1%	1.1%	.	<
Mayo Clinic Health System Red Wing	1.3%	3.3%	2.0%	.	.
Mayo Clinic Health System St. Peter	2.0%	10.9%	8.9%	.	.
Mille Lacs Health System - Onamia	6.5%	3.3%	-3.1%	.	.
Minnesota Mental Health Clinics - Eagan Clinic	4.7%	5.1%	0.4%	.	<
Minnesota Mental Health Clinics - Maplewood Clinic	5.1%	0.0%	-5.1%	.	>
Minnesota Mental Health Clinics - Woodbury Clinic	2.7%	3.3%	0.6%	.	.
Native American Community Clinic	7.2%	10.2%	3.0%	.	.
Neighborhood HealthSource - Fremont Clinic	0.0%	0.0%	0.0%	.	.
North Clinic - Oakdale Office in Robbinsdale	0.0%	1.4%	1.4%	.	.
North Memorial Clinic - Brooklyn Center Physicians	0.0%	0.0%	0.0%	.	.
North Memorial Clinic - Camden	7.7%	4.0%	-3.7%	.	.
North Memorial Clinic - Golden Valley Physicians	0.0%	14.1%	14.1%	Y	.
North Memorial Clinic, Silver Lake - St. Anthony	2.7%	15.0%	12.3%	.	.
Northern Psychiatric Associates	2.2%	0.0%	-2.2%	.	<
NorthPoint Health & Wellness Center	3.2%	5.3%	2.1%	.	.
Northwest Family Physicians - Crystal	7.1%	6.5%	-0.7%	.	.
Olmsted Medical Center - Rochester Northwest	0.0%	7.8%	7.8%	.	.
Olmsted Medical Center - Rochester Southeast	5.0%	6.0%	1.1%	.	.
Olmsted Medical Center - Rochester Southeast - Psychiatry	5.7%	10.1%	4.4%	.	.
Open Door Health Center	1.5%	0.0%	-1.5%	.	.
Park Nicollet Clinic - Bloomington	20.0%	28.6%	8.6%	.	.
Park Nicollet Clinic - Brookdale	9.7%	14.7%	5.0%	.	.
Park Nicollet Clinic - Burnsville	2.5%	13.1%	10.6%	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 37: 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
<b>Statewide</b>	<b>4.8%</b>	<b>9.1%</b>	<b>4.3%</b>	<b>Y</b>	
Park Nicollet Clinic - Carlson	21.6%	20.9%	-0.7%	.	.
Park Nicollet Clinic - Eagan	16.7%	27.9%	11.2%	.	.
Park Nicollet Clinic - Minneapolis	19.2%	26.9%	7.7%	.	.
Park Nicollet Clinic - Shakopee	8.5%	11.9%	3.4%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	5.4%	13.2%	7.8%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	2.1%	12.5%	10.3%	Y	.
Park Nicollet Clinic - St. Louis Park Psychiatry	8.1%	12.8%	4.8%	Y	.
Park Nicollet Clinic and Specialty Center - Maple Grove	5.1%	29.9%	24.8%	Y	>
Raiter Clinic-IHN	2.7%	1.1%	-1.6%	.	<
Ramsey County Mental Health Center	0.8%	1.7%	0.9%	.	.
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	3.1%	5.6%	2.6%	.	.
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Mountain Iron	3.9%	3.5%	-0.3%	.	.
Sanford Bagley Clinic	0.0%	0.0%	0.0%	.	.
Sanford Bemidji 1611 Anne St Clinic	0.0%	0.0%	0.0%	.	.
Sanford Bemidji Main Clinic - Family Medicine	0.0%	6.9%	6.9%	.	.
Sanford Fargo Professional Building - Behavioral Health	4.2%	8.9%	4.7%	.	.
Sanford Fargo Southpointe Clinic - Family Medicine	0.0%	6.5%	6.5%	.	.
Sanford Thief River Falls Clinic	5.3%	3.3%	-2.0%	.	<
South Central Human Relations Center	2.2%	2.4%	0.2%	.	.
Southwestern Mental Health Center Avera - Worthington	1.5%	0.0%	-1.5%	.	<
St Luke's Outpatient Mental Health	0.0%	4.3%	4.3%	.	.
St. Cloud Hospital - Behavioral Health Clinic	5.2%	5.5%	0.3%	.	<
St. Cloud Medical Group - NW- IHN	3.0%	1.9%	-1.1%	.	<
St. Cloud Medical Group - South -IHN	2.9%	4.4%	1.4%	.	.
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	10.5%	7.7%	-2.7%	.	<
United Family Medicine	2.7%	3.3%	0.6%	.	.
University of Minnesota Health - Psychiatry Clinic	1.1%	3.5%	2.4%	.	.
University of Minnesota Health - Smiley's Family Medicine Clinic	3.2%	7.4%	4.2%	.	.
University of MN Physicians - Bethesda Family Medicine Clinic	0.7%	0.0%	-0.7%	.	.
University of MN Physicians - Broadway Family Medicine Clinic	1.2%	0.0%	-1.2%	.	.
University of MN Physicians - Phalen Village Family Medicine Clinic	0.9%	2.7%	1.8%	.	.
West Side Community Health Services - East Side Family Clinic	0.0%	0.0%	0.0%	.	.
West Side Community Health Services - La Clinica	7.3%	0.0%	-7.3%	.	>
West Side Community Health Services - McDonough Homes Clinic	2.8%	16.7%	13.9%	.	.
Western Mental Health Center, Inc.	3.5%	2.6%	-0.9%	.	.
Winona Health - Winona Clinic	0.0%	0.6%	0.6%	.	<
Woodland Centers - Montevideo	8.7%	0.0%	-8.7%	.	.
Woodland Centers - Willmar	3.5%	5.3%	1.8%	.	.
Zumbro Valley Health Center - Family Medicine	5.3%	6.0%	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

Please see the next page.

## Optimal Asthma Control – Children Ages 5-17

One hundred and 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 12 percentage points and is statistically significant. This means that the Optimal Asthma Control statewide rate for MHCP children ages 5-17 (58 percent) was significantly lower than that of Other Purchasers (71 percent).

Eighty-seven 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 104 clinics, 16 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 104 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. One clinic 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, eight had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **seven 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.

- **HealthPartners - Woodbury**
- **Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic**
- **Mayo Clinic - Specialty Practice**
- **Mayo Clinic Health System Faribault Hwy 60**
- **Mayo Clinic Health System Mankato Specialty Clinic**
- **Mayo Clinic Health System Owatonna**
- **Park Nicollet Clinic - Bloomington**

# 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 between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	58.3%	70.5%	12.3%	Y	
Advancements in Allergy and Asthma Care, Ltd.	83.7%	87.9%	4.2%	.	.
Affiliated Community Medical Centers - Willmar Clinic	70.7%	75.9%	5.2%	.	.
Affiliated Community Medical Centers - Marshall Clinic	69.8%	79.7%	9.9%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	60.3%	61.2%	0.8%	.	.
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	65.2%	71.0%	5.8%	.	.
Allergy & Asthma Specialists, PA - Plymouth West Health	68.4%	83.6%	15.2%	Y	.
Allergy, Asthma & Immunology - Shoreview	70.9%	80.3%	9.4%	.	.
Allina Health - Bandana Square (Aspen)	55.2%	74.2%	19.0%	Y	.
Allina Health - Bloomington (Aspen)	83.3%	93.0%	9.7%	.	.
Allina Health - Buffalo	70.7%	88.3%	17.6%	Y	.
Allina Health - Cambridge	52.5%	50.8%	-1.7%	.	<
Allina Health - Coon Rapids	66.9%	77.8%	10.9%	Y	.
Allina Health - Cottage Grove	56.8%	66.7%	9.9%	.	.
Allina Health - Faribault	54.3%	77.1%	22.8%	Y	.
Allina Health - First Street	65.5%	74.3%	8.9%	.	.
Allina Health - Inver Grove Heights (Aspen)	48.4%	65.8%	17.4%	.	.
Allina Health - Northfield	71.0%	68.6%	-2.4%	.	.
Allina Health - Ramsey	80.0%	84.3%	4.3%	.	.
Allina Health - Woodbury	60.6%	57.1%	-3.5%	.	.
Allina Health Specialties - New Ulm Medical Center	73.1%	71.1%	-2.0%	.	.
Altru Health System - Main	0.0%	0.0%	0.0%	.	<
CentraCare Health Plaza- Pediatrics	81.5%	91.2%	9.7%	Y	.
Central Pediatrics St. Paul	80.0%	89.8%	9.8%	.	.
Central Pediatrics Woodbury	78.4%	86.6%	8.2%	.	.
Children's General Pediatric Clinic - Minneapolis	59.0%	66.4%	7.4%	.	.
Children's General Pediatric Clinic - St. Paul	48.4%	61.0%	12.6%	Y	.
Children's Respiratory & Critical Care Specialists - Minneapolis	67.2%	79.2%	12.0%	Y	.
Children's Respiratory & Critical Care Specialists - Minnetonka	68.4%	84.7%	16.3%	Y	.
Children's Respiratory & Critical Care Specialists - St Paul	72.1%	82.6%	10.6%	Y	.
Children's West St. Paul Clinic	67.4%	76.9%	9.5%	.	.
EH Central Baxter Clinic	66.7%	73.9%	7.2%	.	.
EH East Duluth Clinic 1st St	68.9%	75.3%	6.4%	.	.
EH East Superior Clinic	63.6%	74.3%	10.7%	.	.
EH West South University Clinic	59.7%	67.3%	7.7%	.	.
Fairview Brooklyn Park Clinic	47.7%	73.5%	25.8%	Y	.
Fairview Burnsville Clinic	68.9%	84.7%	15.8%	Y	.
Fairview Children's Clinic	74.6%	75.4%	0.8%	.	<
Fairview Columbia Heights Clinic	64.2%	71.1%	6.9%	.	.
Fairview Elk River Clinic	77.8%	76.8%	-1.0%	.	.
Fairview Fridley Clinic	50.0%	72.1%	22.1%	Y	.
Fairview Lakes Medical Center	73.6%	76.2%	2.6%	.	.
Fairview Oxboro Clinic	75.5%	84.8%	9.2%	.	.
Family Medical Center	32.6%	11.4%	-21.2%	Y	>
Fridley Children's & Teenagers' Medical Center	73.7%	69.8%	-3.9%	.	.
Grand Itasca Clinic	63.3%	69.2%	5.8%	.	.
HealthEast Maplewood Clinic	40.3%	55.1%	14.8%	Y	.
HealthEast Tamarack Clinic Woodbury	51.9%	60.0%	8.1%	.	.
HealthPartners - Anoka	74.3%	87.0%	12.7%	Y	.
HealthPartners - Apple Valley	43.2%	60.6%	17.4%	.	.
HealthPartners - Arden Hills	67.7%	73.3%	5.6%	.	.
HealthPartners - Bloomington	65.6%	85.3%	19.7%	Y	.
HealthPartners - Brooklyn Center	70.9%	77.5%	6.6%	.	.

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	58.3%	70.5%	12.3%	Y	
HealthPartners - Como	60.2%	72.2%	12.0%	Y	.
HealthPartners - Coon Rapids	77.1%	80.7%	3.7%	.	.
HealthPartners - Maplewood	74.0%	87.5%	13.5%	Y	.
HealthPartners - Riverside	67.5%	79.4%	11.8%	.	.
HealthPartners - St Paul	55.6%	75.0%	19.4%	Y	.
HealthPartners - White Bear Lake	76.3%	78.8%	2.5%	.	.
HealthPartners - Woodbury	79.6%	77.8%	-1.7%	.	<
HealthPartners Central Minnesota Clinics	70.3%	76.7%	6.4%	.	.
Hennepin County Medical Ctr. Clinics - Downtown Pediatric Clinic	71.0%	65.7%	-5.3%	.	<
Hutchinson Health - Hutchinson Clinic	10.3%	15.6%	5.3%	.	.
Mankato Clinic - Children's Health Center	65.0%	81.2%	16.3%	Y	.
Mankato Clinic - Daniel's Health Center	80.6%	82.0%	1.5%	.	.
Mayo Clinic - Baldwin Building, Pediatrics	66.2%	68.2%	2.0%	.	.
Mayo Clinic - Speciality Practice	65.6%	58.8%	-6.8%	.	<
Mayo Clinic Health System Albert Lea	76.2%	76.1%	-0.1%	.	.
Mayo Clinic Health System Austin	72.4%	83.0%	10.5%	.	.
Mayo Clinic Health System Faribault Hwy 60	78.4%	70.7%	-7.7%	.	<
Mayo Clinic Health System Mankato Specialty Clinic	62.5%	55.2%	-7.3%	.	<
Mayo Clinic Health System Owatonna	73.2%	61.8%	-11.3%	.	<
Metropolitan Pediatric Specialists - Burnsville	68.8%	80.1%	11.3%	Y	.
Metropolitan Pediatric Specialists - Edina	73.8%	81.1%	7.3%	.	.
Metropolitan Pediatric Specialists - Shakopee	74.1%	80.0%	5.9%	.	.
Olmsted Medical Center - Rochester Southeast	71.6%	78.1%	6.5%	.	.
Park Nicollet Clinic - Bloomington	88.4%	85.5%	-2.9%	.	<
Park Nicollet Clinic - Brookdale	58.1%	74.7%	16.6%	Y	.
Park Nicollet Clinic - Burnsville	66.4%	77.5%	11.1%	Y	.
Park Nicollet Clinic - Chanhassen	53.7%	64.7%	11.0%	.	.
Park Nicollet Clinic - Eagan	70.7%	86.4%	15.7%	Y	.
Park Nicollet Clinic - Minneapolis	48.4%	58.5%	10.2%	.	.
Park Nicollet Clinic - Plymouth	54.6%	81.6%	27.1%	Y	.
Park Nicollet Clinic - Shakopee	77.4%	85.1%	7.7%	.	.
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	76.9%	85.3%	8.4%	Y	.
Park Nicollet Clinic and Specialty Center - Maple Grove	75.0%	81.0%	6.0%	.	.
Partners in Pediatrics Brooklyn Park	47.2%	59.4%	12.3%	.	.
Partners in Pediatrics Calhoun	71.9%	83.9%	12.0%	.	.
Partners in Pediatrics Maple Grove	46.7%	61.0%	14.3%	.	.
Sanford Aberdeen Clinic	28.6%	44.1%	15.5%	.	.
Sanford Fargo Children's Southwest Clinic	61.3%	67.7%	6.3%	.	.
Sanford Fargo Southpointe Clinic - Specialty Clinics	60.4%	68.5%	8.1%	.	.
Sanford Moorhead Clinic - Pediatrics	55.6%	76.8%	21.3%	Y	.
Sanford Sioux Falls Children's Clinic	43.4%	47.4%	4.0%	.	.
Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic	72.2%	73.4%	1.2%	.	.
Sanford Sioux Falls Children's Clinic 69th & Louise Clinic	71.2%	77.9%	6.7%	.	.
Sanford Sioux Falls Children's Specialty Clinic	59.3%	76.9%	17.6%	Y	.
Sanford Worthington Clinic	55.8%	66.2%	10.4%	.	.
South Lake Pediatrics - Childrens West	87.9%	87.2%	-0.7%	.	.
South Lake Pediatrics - Eden Prairie	77.3%	91.3%	14.0%	Y	.
St Luke's Clinics-Pediatrics	26.8%	44.6%	17.9%	Y	.
Stellis Health- Buffalo-IHN	12.5%	29.6%	17.1%	Y	.
Stellis Health-Monticello: IHN	32.4%	37.3%	4.9%	.	.
University of MN Health - Discovery Clinic - Pediatric Specialties	38.8%	51.4%	12.6%	.	.
Winona Health - Winona Clinic	16.7%	20.6%	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



Please see the next page.

## Optimal Asthma Control – Adults Ages 18-50

One hundred and sixty-five 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 15 percentage points and is statistically significant. This means the Optimal Asthma Control statewide rate for MHCP adult patients ages 18-50 (45 percent) was significantly lower than that of Other Purchasers (60 percent).

One hundred and forty-four clinics had rates for MHCP patients that were lower than Other Purchasers; 53 of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Fifteen 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 165 clinics, six 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 found at the statewide level. For the Optimal Asthma Control – Adults Ages 18-50 measure, 28 clinics had purchaser gaps that were significantly different than the statewide gap. Four clinics had a gap significantly bigger than the statewide gap, and 24 clinics had a rate significantly smaller than the statewide gap. Ten of those 28 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **eight 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
- Allina Health - East Lake Street (Aspen)
- Allina Health - Ramsey
- Allina Health - Woodbury
- Fairview North Branch Clinic
- Fairview Zimmerman Clinic
- HealthPartners - Woodbury
- University of Minnesota Physicians - Bethesda Family Medicine 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	44.6%	60.0%	15.4%	Y	
Affiliated Community Medical Centers - Willmar Clinic	64.3%	71.1%	6.8%	.	.
Affiliated Community Medical Centers- Marshall Clinic	43.5%	76.1%	32.6%	Y	>
Alexandria Clinic, A Service of Douglas County Hospital	42.3%	68.1%	25.8%	Y	.
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	47.4%	70.0%	22.6%	Y	.
Allergy & Asthma Specialists, PA - Plymouth West Health	67.7%	72.2%	4.5%	.	.
Allergy, Asthma & Immunology - Shoreview	53.1%	70.5%	17.4%	.	.
Allina Health - Bandana Square (Aspen)	58.6%	64.7%	6.1%	.	.
Allina Health - Bloomington (Aspen)	52.6%	61.6%	9.0%	.	.
Allina Health - Brooklyn Park	64.9%	64.9%	0.0%	.	.
Allina Health - Buffalo	77.2%	82.8%	5.6%	.	.
Allina Health - Cambridge	72.3%	67.3%	-5.0%	.	<
Allina Health - Coon Rapids	60.7%	65.9%	5.2%	.	<
Allina Health - Cottage Grove	62.3%	75.0%	12.7%	.	.
Allina Health - Eagan	69.8%	81.5%	11.7%	.	.
Allina Health - East Lake Street (Aspen)	53.3%	40.8%	-12.5%	.	<
Allina Health - Faribault	63.9%	68.4%	4.5%	.	.
Allina Health - First Street	65.5%	80.3%	14.8%	Y	.
Allina Health - Forest Lake	62.0%	81.8%	19.8%	Y	.
Allina Health - Fridley	47.6%	64.6%	17.0%	.	.
Allina Health - Isles	46.7%	66.2%	19.5%	Y	.
Allina Health - Maplewood (Aspen)	56.2%	69.6%	13.5%	Y	.
Allina Health - Nicollet Mall	66.7%	71.1%	4.4%	.	.
Allina Health - Northfield	63.5%	69.4%	5.9%	.	.
Allina Health - Ramsey	79.0%	69.3%	-9.6%	.	<
Allina Health - Richfield	63.9%	69.2%	5.3%	.	.
Allina Health - Shoreview	56.7%	75.2%	18.5%	Y	.
Allina Health - West St. Paul	63.4%	67.9%	4.4%	.	.
Allina Health - Woodbury	73.0%	66.6%	-6.5%	.	<
Allina Health Specialties - New Ulm Medical Center	68.8%	78.6%	9.8%	.	.
CentraCare Clinic - Northway	77.5%	89.2%	11.7%	.	.
CentraCare Health- Family Health Center	43.2%	69.4%	26.2%	Y	.
CentraCare Health Plaza-Family Medicine	62.3%	77.3%	15.1%	Y	.
Duluth Family Medicine Clinic	24.6%	31.4%	6.8%	.	.
EH Central Baxter Clinic	63.0%	63.8%	0.9%	.	.
EH Central Brainerd Clinic	49.1%	54.8%	5.7%	.	.
EH East Ashland Clinic	38.9%	64.2%	25.3%	Y	.
EH East Deer River Clinic	59.1%	60.0%	0.9%	.	.
EH East Duluth Clinic 1st St	53.7%	69.4%	15.7%	Y	.
EH East Hermantown Clinic	62.9%	67.5%	4.6%	.	.
EH East Lakeside Clinic	51.4%	64.3%	12.9%	.	.
EH East Lakewalk Clinic	48.5%	70.8%	22.3%	Y	.
EH East Superior Clinic	58.2%	64.5%	6.4%	.	.

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

# 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	44.6%	60.0%	15.4%	Y	
EH East Virginia Clinic	66.7%	79.3%	12.6%	.	.
EH East West Duluth Clinic	61.4%	60.8%	-0.6%	.	.
EH West Detroit Lakes Clinic	54.4%	65.6%	11.3%	.	.
EH West Moorhead	58.3%	78.9%	20.6%	Y	.
EH West Park Rapids Clinic	59.2%	59.5%	0.3%	.	.
Fairview Andover Clinic	57.1%	73.5%	16.3%	Y	.
Fairview Apple Valley Clinic	52.8%	68.7%	15.9%	Y	.
Fairview Bass Lake Clinic	59.1%	80.7%	21.6%	Y	.
Fairview Bloomington Lake Minneapolis	60.0%	55.3%	-4.7%	.	.
Fairview Bloomington Lake Xerxes	51.2%	76.3%	25.2%	Y	.
Fairview Brooklyn Park Clinic	52.4%	72.7%	20.3%	Y	.
Fairview Burnsville Clinic	55.6%	68.2%	12.6%	.	.
Fairview Chisago Lakes Clinic	60.0%	80.4%	20.4%	Y	.
Fairview Columbia Heights Clinic	53.9%	79.6%	25.7%	Y	.
Fairview Crosstown Clinic	56.7%	69.1%	12.4%	.	.
Fairview Eagan Clinic	48.5%	72.1%	23.6%	Y	.
Fairview EdenCenter Clinic	69.1%	76.9%	7.9%	.	.
Fairview Elk River Clinic	64.1%	73.5%	9.4%	.	.
Fairview Fridley Clinic	63.3%	69.6%	6.4%	.	.
Fairview Hiawatha Clinic	78.0%	83.5%	5.6%	.	.
Fairview Lakes Medical Center	74.2%	75.2%	1.0%	.	<
Fairview New Brighton Clinic	63.5%	74.9%	11.4%	.	.
Fairview North Branch Clinic	73.8%	72.7%	-1.1%	.	<
Fairview Oxboro Clinic	48.7%	74.2%	25.5%	Y	.
Fairview Princeton Clinic	63.2%	76.0%	12.9%	Y	.
Fairview Riverside	56.3%	77.0%	20.7%	Y	.
Fairview Riverside Primary Care Clinic	57.5%	69.4%	11.9%	.	.
Fairview Uptown Clinic	62.5%	68.5%	6.0%	.	.
Fairview Zimmerman Clinic	65.6%	56.1%	-9.5%	.	<
Family Medical Center	2.9%	7.7%	4.8%	.	<
FirstLight Health System - Mora	50.0%	50.0%	0.0%	.	.
Gateway Family Health Clinic - Moose Lake	11.4%	20.0%	8.6%	.	.
Glencoe Regional Health Services - Glencoe	32.3%	33.3%	1.1%	.	.
Grand Itasca Clinic	47.9%	49.7%	1.8%	.	<
HealthEast Cottage Grove Clinic	7.7%	11.1%	3.4%	.	<
HealthEast Grand Avenue Clinic	5.7%	29.4%	23.8%	Y	.
HealthEast Maplewood Clinic	17.2%	36.0%	18.7%	Y	.
HealthEast Oakdale	18.5%	21.3%	2.8%	.	<
HealthEast Rice Street Clinic	9.1%	14.3%	5.2%	.	.
HealthEast Roselawn Clinic	17.7%	20.5%	2.8%	.	.
HealthPartners - Anoka	59.7%	78.3%	18.6%	Y	.
HealthPartners - Apple Valley	46.2%	56.3%	10.1%	.	.

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	44.6%	60.0%	15.4%	Y	
HealthPartners - Bloomington	44.4%	60.3%	15.9%	Y	.
HealthPartners - Brooklyn Center	64.7%	73.1%	8.4%	.	.
HealthPartners - Como	44.1%	68.8%	24.7%	Y	.
HealthPartners - Coon Rapids	68.7%	76.6%	7.9%	.	.
HealthPartners - Hlth Ctr for Women	57.9%	75.4%	17.5%	Y	.
HealthPartners - Inver Grove Heights	56.1%	63.4%	7.3%	.	.
HealthPartners - Maplewood	63.0%	71.9%	9.0%	.	.
HealthPartners - Midway	42.9%	59.4%	16.5%	.	.
HealthPartners - Nokomis	63.3%	81.0%	17.6%	.	.
HealthPartners - Riverside	59.7%	72.7%	13.0%	.	.
HealthPartners - Roseville	67.7%	82.3%	14.5%	.	.
HealthPartners - St Paul	48.0%	65.8%	17.8%	Y	.
HealthPartners - University Ave	51.4%	68.4%	17.0%	.	.
HealthPartners - West	60.9%	74.7%	13.8%	.	.
HealthPartners - White Bear Lake	59.5%	71.6%	12.2%	.	.
HealthPartners - Woodbury	67.5%	65.4%	-2.1%	.	<
HealthPartners Central Minnesota Clinics	64.5%	76.5%	12.0%	Y	.
Hennepin Co. Med. Ctr. Clinics - Downtown Medicine Clinic	17.4%	22.9%	5.5%	.	.
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	32.3%	44.1%	11.8%	.	.
Hennepin County Medical Ctr. Clinics - Golden Valley Clinic	40.4%	57.9%	17.5%	.	.
Hennepin Co. Med. Ctr. Clinics-Internal Medicine Clinic at Parkside	23.4%	53.1%	29.8%	Y	.
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	46.7%	55.0%	8.3%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	35.8%	42.9%	7.1%	.	.
Hutchinson Health - Hutchinson Clinic	0.0%	4.6%	4.6%	.	<
Lake Region Healthcare Clinic Services - Fergus Falls	15.8%	21.1%	5.3%	.	.
Mankato Clinic - Daniel's Health Center	56.3%	71.1%	14.8%	.	.
Mankato Clinic - Main Street	60.3%	68.9%	8.5%	.	.
Mankato Clinic - North Mankato	61.8%	82.1%	20.3%	Y	.
Mankato Clinic - Wickersham Campus	69.8%	76.2%	6.4%	.	.
Mayo Clinic Health System Albert Lea	50.8%	58.4%	7.6%	.	.
Mayo Clinic Health System Austin	52.4%	60.4%	8.1%	.	.
Mayo Clinic Health System Mankato Eastridge	54.1%	56.7%	2.7%	.	.
Mayo Clinic Health System Mankato Northridge	60.0%	72.8%	12.8%	.	.
Mayo Clinic Health System Owatonna	52.0%	67.6%	15.6%	Y	.
Mayo Clinic Health System Red Wing	61.0%	67.2%	6.2%	.	.
Multicare Associates - Fridley Medical Center	19.0%	39.6%	20.6%	Y	.
North Clinic - Maple Grove Office	0.0%	0.0%	0.0%	.	<
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.0%	0.0%	.	<
North Memorial Clinic - Brooklyn Park Physicians	28.1%	49.1%	21.0%	.	.
North Memorial Clinic - Camden	28.3%	39.5%	11.2%	.	.
North Memorial Clinic - Northeast Family Physicians	60.0%	63.5%	3.5%	.	.
NorthPoint Health & Wellness Center	15.5%	19.2%	3.6%	.	.

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	44.6%	60.0%	15.4%	Y	
Northwest Family Physicians - Crystal	31.1%	62.4%	31.2%	Y	.
Olmsted Medical Center - Rochester Southeast	56.5%	67.3%	10.8%	Y	.
Park Nicollet Clinic - Bloomington	56.4%	69.7%	13.4%	.	.
Park Nicollet Clinic - Brookdale	49.6%	68.2%	18.6%	Y	.
Park Nicollet Clinic - Burnsville	54.3%	72.1%	17.9%	Y	.
Park Nicollet Clinic - Carlson	46.3%	70.7%	24.4%	Y	.
Park Nicollet Clinic - Chanhassen	36.6%	71.8%	35.2%	Y	>
Park Nicollet Clinic - Eagan	64.6%	79.2%	14.6%	Y	.
Park Nicollet Clinic - Minneapolis	41.3%	58.2%	16.8%	Y	.
Park Nicollet Clinic - Plymouth	51.6%	66.3%	14.7%	.	.
Park Nicollet Clinic - Prairie Center	60.0%	74.0%	14.0%	.	.
Park Nicollet Clinic - Prior Lake	38.7%	77.0%	38.3%	Y	>
Park Nicollet Clinic - Shakopee	75.0%	81.4%	6.4%	.	.
Park Nicollet Clinic - St. Louis Park Asthma and Allergy	48.4%	75.4%	27.0%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	53.2%	74.0%	20.9%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	65.5%	80.2%	14.6%	Y	.
Park Nicollet Clinic and Specialty Center - Maple Grove	57.1%	71.0%	13.9%	Y	.
Raiter Clinic-IHN	2.6%	1.8%	-0.9%	.	<
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	42.9%	58.6%	15.8%	.	.
Ridgeview Delano Clinic	0.0%	0.0%	0.0%	.	<
Ridgeview Westonka Clinic	0.0%	0.0%	0.0%	.	<
Sanford Bemidji Main Clinic - Family Medicine	35.4%	45.7%	10.3%	.	.
Sanford Fargo Southpointe Clinic - Family Medicine	29.7%	65.0%	35.2%	Y	>
Sanford Health Alexandria Broadway Clinic	37.5%	41.9%	4.4%	.	.
Sanford Health Detroit Lakes Clinic	46.5%	45.5%	-1.1%	.	.
Sanford Moorhead Clinic - Family Medicine	36.4%	50.7%	14.3%	.	.
Sanford Thief River Falls Clinic	28.1%	42.0%	13.9%	.	.
Sanford Worthington Clinic	55.0%	60.0%	5.0%	.	.
St Luke's Clinics-P.S. Rudie Medical Clinic	27.3%	59.0%	31.8%	Y	.
St. Cloud Medical Group - NW- IHN	26.7%	24.7%	-2.0%	.	<
St. Croix Regional Medical Center - St. Croix Falls Clinic	29.4%	29.2%	-0.3%	.	.
Stellis Health-Monticello: IHN	19.0%	23.0%	4.0%	.	<
Stillwater Medical Group - Curve Crest Clinic	70.5%	72.5%	2.0%	.	<
Tri-County Health Care - Wadena Clinic	61.8%	74.4%	12.7%	.	.
United Family Medicine	33.2%	33.9%	0.8%	.	<
University of Minnesota Health - Smiley's Family Medicine Clinic	44.1%	43.2%	-0.9%	.	.
University of MN Physicians - Bethesda Family Medicine Clinic	45.4%	40.9%	-4.5%	.	<
University of MN Physicians - Broadway Family Medicine Clinic	20.8%	26.1%	5.3%	.	.
Winona Health - Winona Clinic	3.7%	13.7%	10.0%	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



Please see the next page.

## Childhood Immunization Status (Combo 3)

Eight 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 12 percentage points and is statistically significant. This means that the Childhood Immunization statewide rate for MHCP patients (71 percent) was significantly lower than that of Other Purchasers (83 percent).

All medical groups had a MHCP rate that was lower than Other Purchasers; five 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, three 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 40, 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 46 summarizes these findings.

# Table 40: 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
Statewide	71.0%	82.6%	11.6%	Y	
Allina Health Specialties	71.9%	86.3%	14.4%	Y	.
Children's Clinic Network	62.3%	87.6%	25.3%	Y	>
Fairview Medical Group	68.3%	91.2%	22.9%	Y	>
Grand Itasca Clinic	44.0%	82.3%	38.4%	Y	>
HealthPartners Clinics	80.7%	91.3%	10.6%	Y	.
Park Nicollet Health Services	78.6%	85.3%	6.7%	.	.
Sanford Health - Sioux Falls Region	85.3%	90.9%	5.6%	.	.
Southdale Pediatric Associates, Ltd	69.7%	83.7%	14.0%	.	.

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

Please see the next page.

## Colorectal Cancer Screening

Five hundred and one 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 19 percentage points and is statistically significant. This means the Colorectal Cancer Screening statewide rate for MHCP patients (56 percent) was significantly lower than that of Other Purchasers (75 percent).

Of those 501 clinics, all of them had rates for MHCP patients that were lower than Other Purchasers; 399 of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Seventeen clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 41, 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, 152 clinics had purchaser gaps that were significantly different than the statewide gap. Sixteen clinics had a gap significantly larger than the statewide gap, and 136 clinics had a rate significantly smaller than the statewide gap. Seventeen of those 136 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **four 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.

- **Allina Health - St. Francis Health Services - Jordan**
- **EH East Grand Rapids Clinic**
- **Gundersen Health System - La Crescent Clinic**
- **Southdale Obstetric and Gynecology Consultants- Edina**

# Table 41: 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	55.6%	74.7%	19.1%	Y	.
AALFA Family Clinic-MHN	48.6%	74.0%	10.9%	.	.
Affiliated Community Medical Centers - Benson Clinic	39.0%	69.6%	22.3%	Y	.
Affiliated Community Medical Centers - Granite Falls Clinic	27.5%	65.4%	30.3%	Y	>
Affiliated Community Medical Centers - Litchfield Clinic (East)	52.4%	72.6%	12.3%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	44.4%	69.8%	16.2%	Y	.
Affiliated Community Medical Centers - New London Clinic	52.4%	78.5%	16.6%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	45.3%	73.0%	20.6%	Y	.
Affiliated Community Medical Centers - Willmar Clinic	58.7%	82.2%	20.0%	Y	.
Affiliated Community Medical Centers - Marshall Clinic	56.0%	76.2%	15.1%	Y	.
Alexandria Clinic, A Service of Douglas County Hospital	57.3%	76.4%	14.9%	Y	.
Allina Health - Annandale	55.4%	75.5%	10.7%	Y	.
Allina Health - Bandana Square (Aspen)	61.1%	82.1%	16.6%	Y	.
Allina Health - Blaine	61.8%	84.0%	12.9%	Y	.
Allina Health - Bloomington (Aspen)	56.5%	79.0%	17.0%	Y	.
Allina Health - Brooklyn Park	61.7%	81.0%	11.4%	Y	.
Allina Health - Buffalo	70.2%	84.2%	8.8%	Y	<
Allina Health - Burnsville (Quello)	59.1%	79.7%	12.5%	Y	.
Allina Health - Cambridge	64.8%	79.6%	11.6%	Y	<
Allina Health - Centennial Lakes (Quello)	67.8%	83.9%	9.3%	Y	<
Allina Health - Champlin	60.0%	81.3%	15.0%	Y	.
Allina Health - Chanhassen (Quello)	78.6%	85.1%	0.6%	.	<
Allina Health - Chaska	56.4%	82.0%	17.3%	Y	.
Allina Health - Cokato	58.4%	79.3%	7.6%	.	.
Allina Health - Coon Rapids	62.5%	80.1%	15.2%	Y	<
Allina Health - Cottage Grove	55.9%	76.2%	14.8%	Y	.
Allina Health - Dean Lakes	52.9%	74.7%	10.3%	Y	.
Allina Health - Eagan	65.8%	81.9%	10.1%	Y	<
Allina Health - East Lake Street (Aspen)	52.5%	75.3%	17.1%	Y	.
Allina Health - Edina	60.7%	84.8%	16.4%	Y	.
Allina Health - Edina Family Physicians	35.1%	49.9%	8.9%	Y	<
Allina Health - Elk River	54.9%	80.6%	17.6%	Y	.
Allina Health - Faribault	54.3%	83.0%	24.1%	Y	>
Allina Health - Farmington	66.0%	79.4%	5.2%	.	<
Allina Health - First Street	61.6%	81.1%	14.5%	Y	.
Allina Health - Forest Lake	66.7%	84.1%	11.9%	Y	<
Allina Health - Fridley	56.4%	79.5%	16.7%	Y	.
Allina Health - Highland Park (Aspen)	50.9%	81.6%	20.2%	Y	.
Allina Health - Hopkins (Aspen)	52.6%	80.0%	17.0%	Y	.
Allina Health - Inver Grove Heights (Aspen)	63.9%	79.4%	8.7%	Y	<
Allina Health - Isles	60.6%	84.8%	17.2%	Y	.
Allina Health - Lakeville (Quello)	55.3%	81.9%	16.6%	Y	.
Allina Health - Maple Grove	56.5%	81.3%	16.5%	Y	.
Allina Health - Maplewood (Aspen)	59.6%	78.9%	14.7%	Y	.
Allina Health - Minnetonka	34.5%	59.0%	9.0%	.	.
Allina Health - Nicollet Mall	60.6%	80.6%	14.1%	Y	.
Allina Health - North Branch	48.1%	79.0%	18.3%	Y	.
Allina Health - Northfield	60.5%	81.0%	15.5%	Y	.
Allina Health - Oakdale Clinic	36.1%	77.5%	24.2%	Y	.
Allina Health - Plymouth	66.3%	84.2%	12.6%	Y	<
Allina Health - Ramsey	65.7%	79.8%	8.4%	Y	<
Allina Health - Richfield	63.4%	84.1%	16.1%	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 41: 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	55.6%	74.7%	19.1%	Y	
Allina Health - Savage (Quello)	54.8%	81.1%	17.6%	Y	.
Allina Health - Shakopee	62.3%	80.8%	12.2%	Y	<
Allina Health - Sharpe Dillon Cockson & Associates PA	69.2%	84.3%	2.3%	.	<
Allina Health - Shoreview	67.3%	82.2%	9.4%	Y	<
Allina Health - St. Francis Health Services - Jordan	61.9%	71.0%	-6.8%	.	<
Allina Health - St. Michael	56.8%	80.0%	13.7%	Y	.
Allina Health - United Medical Specialties	59.7%	84.9%	16.6%	Y	.
Allina Health - Uptown	63.3%	83.9%	13.7%	Y	.
Allina Health - Vadnais Heights	53.1%	83.9%	20.1%	Y	.
Allina Health - West St. Paul	59.2%	78.0%	13.9%	Y	<
Allina Health - Woodbury	56.9%	80.7%	18.2%	Y	.
Allina Hlth. Spec. - Abbott Northwestern General Med. Assoc.- Edina	62.2%	83.3%	12.8%	Y	.
Allina Hlth. Spec. - Abbott Northwestern General Med. Assoc.- Mpls	11.0%	63.3%	41.4%	Y	>
Allina Health Specialties - New Ulm Medical Center	55.5%	73.8%	13.8%	Y	<
Allina Health Spec. - Winthrop Area Clinic - New Ulm Medical Ctr.	39.3%	68.9%	12.6%	.	.
Altru Health System - Crookston	40.4%	69.1%	21.0%	Y	.
Altru Health System - Family Medicine Center	46.4%	74.7%	19.9%	Y	.
Altru Health System - Grand Forks Family Medicine Residency	28.6%	66.1%	25.8%	Y	.
Altru Health System - Lake Region	49.6%	63.6%	0.6%	.	<
Altru Health System - Main	39.9%	71.6%	24.1%	Y	.
Altru Health System - Professional Center	34.1%	74.5%	24.5%	Y	.
Altru Health System - Roseau	49.6%	72.6%	15.9%	Y	.
Altru Health System - Warroad	37.7%	73.1%	23.9%	Y	.
Apple Valley Medical Clinic - Family Practice	30.0%	55.2%	20.4%	Y	.
Appleton Clinic	18.2%	56.3%	27.1%	Y	.
Avera - Pipestone County Medical Center	34.0%	58.1%	16.5%	Y	.
Avera Medical Group - Marshall	28.5%	47.4%	9.5%	.	.
Avera Medical Group - Windom	35.0%	77.1%	29.8%	Y	.
Avera Medical Group - Worthington	40.7%	57.4%	10.3%	Y	<
Bluestone Physician Services	4.5%	12.3%	5.8%	Y	<
Burnsville Family Physicians	62.8%	76.9%	3.2%	.	<
Cedar Riverside People's Center - People's Center Medical Clinic	5.5%	14.7%	7.8%	Y	<
CentraCare Clinic - Becker	41.3%	77.7%	24.9%	Y	.
CentraCare Clinic - Northway	59.7%	81.9%	16.2%	Y	.
CentraCare Clinic - St. Joseph	60.4%	80.8%	8.2%	.	.
CentraCare Clinic- Big Lake	50.9%	70.0%	6.9%	.	.
CentraCare Health- Family Health Center	40.6%	64.7%	19.5%	Y	.
CentraCare Health- Long Prairie	56.2%	78.1%	12.9%	Y	.
CentraCare Health- Melrose	50.6%	81.3%	20.1%	Y	.
CentraCare Health- Monticello Medical Group	50.5%	72.4%	10.1%	.	.
CentraCare Health- Paynesville Clinic	40.6%	69.5%	21.1%	Y	.
CentraCare Health Paynesville- Cold Spring	50.3%	83.3%	16.7%	Y	.
CentraCare Health Paynesville- Eden Valley	41.0%	65.8%	9.7%	.	.
CentraCare Health Paynesville- Richmond	44.1%	75.7%	19.7%	Y	.
CentraCare Health Plaza-Family Medicine	53.6%	82.1%	22.8%	Y	.
CentraCare Health Plaza-Internal Medicine	68.3%	89.3%	14.0%	Y	.
CentraCare Health Plaza-Obstetrics and Women's Clinic	56.2%	84.8%	16.6%	Y	.
CentraCare Health- Sauk Centre	63.0%	77.7%	6.1%	.	<
CentraCare River Campus-Internal Medicine	66.6%	87.4%	14.2%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	46.4%	70.7%	17.9%	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 – 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	55.6%	74.7%	19.1%	Y	
Community Medical Center Pierz	26.4%	71.9%	30.0%	Y	.
Community-University Health Care Center	40.1%	48.4%	4.7%	.	<
Comprehensive Healthcare for Women, PA	48.3%	78.8%	13.2%	.	.
Cromwell Medical Clinic-IHN	48.9%	63.3%	-0.4%	.	<
Cuyuna Regional Medical Center - Baxter	38.7%	59.3%	11.2%	Y	.
Cuyuna Regional Medical Center-Clinic Services	46.7%	63.8%	12.4%	Y	<
Diamond Women's Center	56.2%	82.2%	10.4%	.	.
Duluth Family Medicine Clinic	51.4%	65.0%	7.7%	Y	<
Edina Sports Health & Wellness	61.9%	82.7%	7.2%	.	.
EH Central Baxter Clinic	57.7%	75.7%	12.8%	Y	<
EH Central Brainerd Clinic	61.8%	80.9%	15.2%	Y	.
EH Central Crosslake Clinic	60.6%	76.1%	6.6%	.	<
EH Central Hackensack Clinic	35.6%	56.8%	5.4%	.	.
EH Central Pequot Lakes Clinic	38.2%	59.5%	11.2%	Y	.
EH Central Pillager Clinic	52.5%	86.9%	20.2%	Y	.
EH Central Pine River Clinic	37.4%	62.2%	18.7%	Y	.
EH East Ashland Clinic	45.7%	71.9%	18.4%	Y	.
EH East Chisholm Clinic	35.6%	71.0%	19.6%	Y	.
EH East Deer River Clinic	54.4%	78.3%	17.8%	Y	.
EH East Duluth Clinic 1st St	64.9%	82.9%	14.2%	Y	<
EH East Ely Clinic	48.0%	70.6%	16.2%	Y	.
EH East Grand Rapids Clinic	55.8%	67.9%	-0.4%	.	<
EH East Hayward Clinic	52.6%	75.7%	15.2%	Y	.
EH East Hermantown Clinic	55.1%	77.5%	16.5%	Y	.
EH East Hibbing Clinic	41.8%	71.6%	22.2%	Y	.
EH East International Falls Clinic	44.8%	61.5%	10.5%	Y	<
EH East Lakeside Clinic	53.8%	77.4%	16.3%	Y	.
EH East Lakewalk Clinic	60.1%	79.3%	10.9%	Y	.
EH East Northern Pines Clinic	53.6%	78.2%	17.0%	Y	.
EH East Proctor Clinic	43.1%	74.0%	20.7%	Y	.
EH East Spooner Clinic	51.9%	77.1%	16.5%	Y	.
EH East Superior Clinic	55.1%	76.8%	15.8%	Y	.
EH East Virginia Clinic	57.2%	68.6%	6.3%	Y	<
EH East West Duluth Clinic	56.9%	76.9%	15.1%	Y	.
EH West Ada Clinic	31.9%	63.8%	18.9%	Y	.
EH West Bagely Clinic	41.0%	68.6%	12.5%	.	.
EH West Detroit Lakes Clinic	61.0%	77.1%	11.8%	Y	<
EH West Fosston Clinic	46.6%	64.4%	11.2%	Y	<
EH West Jamestown Clinic	24.6%	71.5%	31.5%	Y	.
EH West Menahga Clinic	42.0%	64.3%	10.7%	.	.
EH West Moorhead	53.3%	78.0%	17.0%	Y	.
EH West Park Rapids Clinic	51.2%	66.4%	10.1%	Y	<
EH West South University Clinic	52.4%	78.9%	15.8%	Y	.
EH West Wahpeton Clinic	41.3%	79.5%	24.2%	Y	.
EH West Walker Clinic	50.4%	76.4%	15.4%	Y	.
EH West West Acres Clinic	49.6%	67.1%	5.2%	.	<
Entira Family Clinics - Como/Roseville	42.9%	72.7%	22.7%	Y	.
Entira Family Clinics - East Side	34.9%	64.9%	24.7%	Y	.
Entira Family Clinics - Highland	53.0%	78.2%	16.1%	Y	.
Entira Family Clinics - Inver Grove Heights	56.1%	73.4%	9.1%	Y	<

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 < = 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 – 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	55.6%	74.7%	19.1%	Y	
Entira Family Clinics - Maplewood/Battle Creek	32.6%	73.1%	34.0%	Y	>
Entira Family Clinics - North St. Paul	37.8%	66.2%	22.4%	Y	.
Entira Family Clinics - Shoreview	48.6%	71.7%	12.8%	Y	.
Entira Family Clinics - Vadnais Heights	55.0%	74.4%	11.0%	Y	.
Entira Family Clinics - West St. Paul	38.3%	71.1%	25.3%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	32.4%	66.4%	26.0%	Y	.
Entira Family Clinics - White Bear Lake-Bellaire Avenue	52.6%	78.5%	15.6%	Y	.
Entira Family Clinics - Woodbury	40.0%	69.5%	22.4%	Y	.
Fairview Andover Clinic	64.8%	77.9%	8.1%	Y	<
Fairview Apple Valley Clinic	65.3%	80.5%	10.3%	Y	<
Fairview Bass Lake Clinic	61.6%	76.8%	7.5%	Y	<
Fairview Blaine Clinic	53.2%	73.2%	13.1%	Y	.
Fairview Bloomington Lake Minneapolis	49.1%	69.0%	14.2%	Y	.
Fairview Bloomington Lake Xerxes	58.2%	77.9%	12.8%	Y	.
Fairview Brooklyn Park Clinic	68.8%	77.8%	5.2%	Y	<
Fairview Burnsville Clinic	59.9%	84.4%	20.0%	Y	.
Fairview Chisago Lakes Clinic	59.5%	78.3%	12.5%	Y	<
Fairview Columbia Heights Clinic	66.4%	82.2%	11.8%	Y	<
Fairview Crosstown Clinic	72.1%	85.7%	8.5%	Y	<
Fairview Eagan Clinic	64.6%	82.7%	12.7%	Y	<
Fairview EdenCenter Clinic	55.9%	81.4%	20.0%	Y	.
Fairview Elk River Clinic	63.1%	80.4%	10.2%	Y	<
Fairview Farmington Clinic	59.9%	77.7%	5.9%	.	<
Fairview Fridley Clinic	66.2%	79.4%	9.0%	Y	<
Fairview Hiawatha Clinic	66.4%	77.6%	6.4%	Y	<
Fairview Highland Park Clinic	57.4%	77.8%	12.8%	Y	.
Fairview Hugo Clinic	48.7%	71.1%	12.5%	Y	.
Fairview Lakes Medical Center	57.7%	75.5%	13.2%	Y	<
Fairview Lakeville Clinic	67.2%	81.9%	5.4%	.	<
Fairview Lino Lakes Clinic	52.9%	72.5%	12.2%	Y	.
Fairview Milaca Clinic	59.7%	75.2%	8.9%	Y	<
Fairview New Brighton Clinic	60.4%	75.3%	9.3%	Y	<
Fairview North Branch Clinic	48.4%	68.8%	13.9%	Y	.
Fairview Oxboro Clinic	62.3%	80.2%	13.8%	Y	<
Fairview Pine City Clinic	37.1%	67.7%	22.0%	Y	.
Fairview Princeton Clinic	62.5%	79.0%	12.1%	Y	<
Fairview Prior Lake Clinic	55.4%	85.2%	21.0%	Y	.
Fairview Riverside	54.1%	74.7%	12.2%	Y	.
Fairview Riverside Primary Care Clinic	51.1%	54.7%	-3.3%	.	<
Fairview Rogers Clinic	64.7%	82.6%	8.9%	Y	<
Fairview Rosemount Clinic	56.6%	83.6%	17.6%	Y	.
Fairview Rush City Clinic	53.6%	69.2%	7.6%	.	<
Fairview Savage Clinic	65.3%	77.6%	2.6%	.	<
Fairview Uptown Clinic	65.0%	84.5%	12.7%	Y	.
Fairview Zimmerman Clinic	66.3%	77.1%	3.9%	.	<
Family Medical Center	52.6%	71.4%	14.7%	Y	<
Family Practice Medical Center of Willmar	51.0%	76.8%	20.6%	Y	.
FamilyHealth Medical Clinic - Farmington	29.3%	68.6%	25.0%	Y	.
FamilyHealth Medical Clinic - Lonsdale	34.5%	70.1%	20.1%	Y	.
FamilyHealth Medical Clinic - Northfield	44.8%	77.0%	21.0%	Y	.

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**Table 41: 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	55.6%	74.7%	19.1%	Y	
FirstLight Health System - Hinckley	38.8%	67.5%	20.3%	Y	.
FirstLight Health System - Mora	53.8%	73.1%	14.3%	Y	.
FirstLight Health System - Pine City	47.0%	68.4%	13.7%	Y	.
France Avenue Family Physicians - Minnesota Healthcare Network	43.7%	66.0%	12.4%	Y	.
Gateway Family Health Clinic - Hinckley	32.3%	55.0%	13.0%	Y	.
Gateway Family Health Clinic - Moose Lake	59.6%	69.7%	6.5%	Y	<
Gateway Family Health Clinic - Sandstone	54.0%	61.2%	2.7%	.	<
Glencoe Regional Health Services - Glencoe	42.3%	69.5%	20.6%	Y	.
Glencoe Regional Health Services - Lester Prairie	25.1%	66.8%	29.1%	Y	.
Grand Itasca Clinic	52.6%	71.9%	15.9%	Y	.
Gundersen Health System - Harmony Clinic	35.3%	66.1%	18.6%	Y	.
Gundersen Health System - La Crescent Clinic	72.0%	80.7%	-2.6%	.	<
HealthEast Cottage Grove Clinic	37.0%	68.2%	23.8%	Y	.
HealthEast Downtown St. Paul Clinic	40.2%	71.9%	26.5%	Y	>
HealthEast Grand Avenue Clinic	38.2%	67.7%	24.2%	Y	.
HealthEast Hugo Clinic	34.1%	64.9%	21.4%	Y	.
HealthEast Maplewood Clinic	37.1%	65.2%	22.1%	Y	.
HealthEast Midway Clinic	46.9%	78.0%	25.6%	Y	>
HealthEast Oakdale	45.0%	70.8%	20.1%	Y	.
HealthEast Rice Street Clinic	42.2%	61.5%	16.1%	Y	.
HealthEast Roselawn Clinic	35.0%	60.1%	21.9%	Y	.
HealthEast Roseville Clinic	35.4%	66.7%	21.8%	Y	.
HealthEast Stillwater Clinic	34.6%	65.1%	20.4%	Y	.
HealthEast Tamarack Clinic Woodbury	31.8%	68.7%	29.5%	Y	>
HealthEast Vadnais Heights Clinic	53.2%	72.6%	11.4%	Y	.
HealthEast Woodbury Clinic	42.4%	70.0%	21.7%	Y	.
HealthPartners - Andover	55.3%	78.0%	15.7%	Y	.
HealthPartners - Anoka	53.5%	75.5%	17.0%	Y	.
HealthPartners - Apple Valley	48.7%	76.6%	21.1%	Y	.
HealthPartners - Arden Hills	59.7%	83.2%	16.8%	Y	.
HealthPartners - Bloomington	57.7%	78.9%	15.6%	Y	.
HealthPartners - Brooklyn Center	62.6%	77.4%	9.9%	Y	<
HealthPartners - Como	57.2%	81.0%	18.9%	Y	.
HealthPartners - Coon Rapids	56.8%	78.9%	17.2%	Y	.
HealthPartners - Cottage Grove	31.0%	61.2%	18.6%	Y	.
HealthPartners - Ctr for Internatl Hlth	69.9%	77.7%	3.7%	.	<
HealthPartners - Eagan	55.3%	76.9%	12.1%	Y	.
HealthPartners - Elk River	54.3%	75.8%	13.6%	Y	.
HealthPartners - Highland Park	50.8%	71.8%	4.2%	.	.
HealthPartners - Hlth Ctr for Women	60.1%	84.9%	16.9%	Y	.
HealthPartners - Inver Grove Heights	51.8%	78.4%	17.9%	Y	.
HealthPartners - Lino Lakes	53.0%	78.2%	14.8%	Y	.
HealthPartners - Maplewood	61.3%	80.5%	14.5%	Y	.
HealthPartners - Midway	54.0%	75.1%	16.7%	Y	.
HealthPartners - Nokomis	45.3%	74.2%	18.5%	Y	.
HealthPartners - Riverside	52.7%	79.2%	21.6%	Y	.
HealthPartners - Roseville	58.5%	78.2%	11.3%	Y	.
HealthPartners - St Paul	53.5%	79.1%	22.0%	Y	.
HealthPartners - University Ave	65.2%	83.2%	13.0%	Y	<
HealthPartners - West	60.9%	79.3%	12.3%	Y	<

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# Table 41: 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	55.6%	74.7%	19.1%	Y	
HealthPartners - White Bear Lake	59.9%	82.1%	14.4%	Y	.
HealthPartners - Woodbury	57.7%	78.6%	16.2%	Y	.
HealthPartners Central Minnesota Clinics	47.5%	81.6%	29.7%	Y	>
Hendricks Clinic	35.6%	59.6%	8.2%	.	.
Hennepin County Medical Ctr. Clinics - Brooklyn Center Clinic	49.2%	62.3%	7.7%	Y	<
Hennepin County Med. Ctr. Clinics - Brooklyn Park Clinic	39.0%	49.8%	5.6%	.	<
Hennepin County Medical Ctr. Clinics - Coordinated Care Clinic	24.9%	52.2%	20.2%	Y	.
Hennepin Co. Med. Ctr. Clinics - Downtown Medicine Clinic	51.0%	60.4%	7.5%	Y	<
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	46.2%	62.8%	11.7%	Y	<
Hennepin County Medical Ctr. Clinics - Golden Valley Clinic	37.2%	40.4%	-4.7%	.	<
Hennepin Co. Med.Ctr. Clinics - Hennepin Center for Senior Care	48.0%	57.0%	-4.6%	.	<
Hennepin Co.Med. Ctr. Clinics - Internal Medicine Clinic at Parkside	45.7%	64.9%	14.3%	Y	.
Hennepin County Medical Ctr. Clinics - Positive Care Clinic	41.8%	55.4%	7.8%	Y	<
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	53.0%	55.7%	-2.2%	.	<
Hennepin County Medical Ctr. Clinics - St. Anthony Village Clinic	40.0%	52.0%	2.9%	.	<
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	46.9%	46.0%	-3.9%	.	<
Hudson Physicians	36.7%	68.6%	25.9%	Y	>
Hutchinson Health - Dassel Clinic	30.9%	62.1%	15.2%	.	.
Hutchinson Health - Hutchinson Clinic	46.7%	72.0%	20.6%	Y	.
Indian Health Board of Minneapolis	25.3%	40.5%	7.4%	.	<
Integracare Ltd dba Williams Clinic	39.2%	55.6%	7.4%	.	<
Johnson Memorial Health Services - Dawson Clinic	32.7%	64.6%	21.6%	Y	.
Kittson Memorial Clinic - Hallock	27.4%	52.0%	8.7%	.	.
Lac Qui Parle Clinic	36.9%	63.4%	14.9%	Y	.
Lake Region Healthcare - Barnesville Clinic	34.6%	60.0%	13.9%	Y	.
Lake Region Healthcare Clinic Services - Fergus Falls	41.3%	63.5%	17.6%	Y	.
Lake Superior Community Health Center - Duluth	38.6%	46.1%	1.9%	.	<
LakeWood Health Center Clinic	29.6%	60.5%	22.4%	Y	.
Lakewood Health System - Browerville Clinic	49.0%	72.9%	15.5%	Y	.
Lakewood Health System - Motley Clinic	60.7%	71.2%	3.2%	.	<
Lakewood Health System - Pillager Clinic	47.2%	67.2%	12.6%	Y	.
Lakewood Health System - Staples Clinic	47.6%	66.7%	10.5%	Y	.
Life Medical	24.8%	30.5%	-0.8%	.	<
Madelia Community Hospital & Clinic	24.9%	50.3%	13.9%	.	.
Mankato Clinic - Daniel's Health Center	38.3%	77.7%	28.4%	Y	.
Mankato Clinic - Main Street	57.2%	79.4%	17.4%	Y	.
Mankato Clinic - Mapleton	51.5%	84.0%	16.4%	Y	.
Mankato Clinic - North Mankato	56.1%	80.5%	16.0%	Y	.
Mankato Clinic - Wickersham Campus	53.3%	80.5%	18.9%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	63.1%	83.8%	10.3%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	58.4%	80.4%	17.3%	Y	.
Mayo Clinic - Kasson	46.9%	77.3%	21.5%	Y	.
Mayo Clinic - Northeast	54.9%	85.2%	22.1%	Y	.
Mayo Clinic - Northwest	54.9%	80.7%	14.5%	Y	.
Mayo Clinic - Speciality Practice	58.8%	86.1%	20.5%	Y	.
Mayo Clinic Health System Adams	56.4%	78.5%	7.1%	.	.
Mayo Clinic Health System Albert Lea	55.9%	73.0%	13.4%	Y	<
Mayo Clinic Health System Austin	57.0%	76.9%	16.0%	Y	.
Mayo Clinic Health System Belle Plaine	61.2%	78.2%	3.2%	.	<
Mayo Clinic Health System Cannon Falls	53.7%	76.8%	14.1%	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 41: 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	55.6%	74.7%	19.1%	Y	
Mayo Clinic Health System Fairmont	61.7%	78.5%	11.5%	Y	<
Mayo Clinic Health System Faribault Hwy 60	63.8%	83.5%	13.0%	Y	.
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	53.8%	78.3%	13.4%	Y	.
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	51.0%	84.4%	17.8%	Y	.
Mayo Clinic Health System Kiester	52.1%	74.3%	4.3%	.	.
Mayo Clinic Health System Lake City	40.6%	66.9%	17.7%	Y	.
Mayo Clinic Health System Lake Crystal	47.6%	78.2%	16.0%	Y	.
Mayo Clinic Health System Le Sueur	62.7%	83.4%	10.3%	Y	.
Mayo Clinic Health System Mankato Eastridge	61.9%	84.8%	17.5%	Y	.
Mayo Clinic Health System Mankato Northridge	61.6%	84.8%	15.4%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	59.1%	83.1%	15.7%	Y	.
Mayo Clinic Health System Montgomery	51.1%	78.5%	12.5%	.	.
Mayo Clinic Health System New Prague	55.7%	76.7%	9.6%	.	.
Mayo Clinic Health System New Richland	49.2%	60.3%	-5.4%	.	<
Mayo Clinic Health System Owatonna	61.4%	80.2%	15.2%	Y	<
Mayo Clinic Health System Plainview	33.8%	63.5%	15.7%	Y	.
Mayo Clinic Health System Red Wing	59.0%	77.2%	13.6%	Y	<
Mayo Clinic Health System Red Wing in Zumbrota	44.7%	74.3%	19.0%	Y	.
Mayo Clinic Health System Springfield	59.8%	85.5%	10.5%	.	.
Mayo Clinic Health System St. James	49.7%	72.6%	14.4%	Y	.
Mayo Clinic Health System St. Peter	56.8%	85.1%	20.8%	Y	.
Mayo Clinic Health System Wabasha	54.3%	72.3%	9.2%	Y	<
Mayo Clinic Health System Waseca	65.1%	75.8%	3.1%	.	<
Mayo Clinic Health System Waterville	37.0%	76.0%	23.3%	Y	.
Mayo Clinic Health System Wells	30.5%	59.9%	16.8%	Y	.
Mayo Family Clinic Southeast	53.8%	81.1%	13.7%	Y	.
Metropolitan Obstetrics and Gynecology-Gallery Professional Bldg.	52.4%	75.4%	11.5%	Y	.
Mille Lacs Health System - Onamia	42.2%	49.0%	4.0%	.	<
Multicare Associates - Blaine Medical Center	32.0%	53.2%	16.1%	Y	.
Multicare Associates - Fridley Medical Center	36.7%	55.5%	13.9%	Y	<
Multicare Associates - Roseville Medical Center	25.9%	51.3%	18.2%	Y	.
Native American Community Clinic	12.9%	26.0%	8.8%	Y	<
Neighborhood HealthSource - Fremont Clinic	33.7%	42.8%	2.5%	.	<
Neighborhood HealthSource - Sheridan Clinic	27.4%	42.7%	5.9%	.	.
Neighborhood HealthSource-Central Clinic	24.0%	37.3%	7.4%	.	<
North Clinic - Maple Grove Office	42.9%	66.8%	15.7%	Y	.
North Clinic - Oakdale Office in Robbinsdale	40.6%	66.0%	19.7%	Y	.
North Clinic - Osseo Office	41.9%	71.9%	22.2%	Y	.
North Clinic - Plymouth	41.3%	72.6%	24.0%	Y	.
North Memorial - Minnetonka Medical Center	27.6%	52.6%	13.0%	.	.
North Memorial Clinic - Arbor Lakes	47.1%	70.7%	15.4%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	41.6%	62.9%	15.1%	Y	.
North Memorial Clinic - Brooklyn Park Physicians	38.9%	67.9%	23.1%	Y	.
North Memorial Clinic - Camden	51.6%	70.3%	12.2%	Y	.
North Memorial Clinic - Elk River Physicians	32.8%	59.2%	17.6%	Y	.
North Memorial Clinic - Golden Valley Physicians	45.4%	70.1%	17.9%	Y	.
North Memorial Clinic - Maple Grove	48.1%	77.9%	21.6%	Y	.
North Memorial Clinic - New Hope	54.3%	69.4%	6.7%	.	<
North Memorial Clinic - Northeast Family Physicians	48.7%	64.6%	8.4%	Y	<
North Memorial Clinic - Plymouth City Center	41.9%	77.3%	23.5%	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 – 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	55.6%	74.7%	19.1%	Y	
North Memorial Clinic, Silver Lake - Blaine	44.1%	62.1%	9.2%	Y	<
North Memorial Clinic, Silver Lake - St. Anthony	47.9%	65.9%	12.3%	Y	<
NorthPoint Health & Wellness Center	48.1%	58.9%	8.3%	Y	<
Northwest Family Physicians - Crystal	38.0%	59.8%	16.4%	Y	.
Northwest Family Physicians - Plymouth	50.3%	68.4%	8.2%	.	<
Northwest Family Physicians - Rogers	36.6%	65.7%	18.7%	Y	.
Oakdale Obstetrics & Gynecology, PA - Maple Grove	42.2%	76.4%	23.0%	Y	.
Obstetrics, Gynecology and Infertility - Edina	71.9%	93.0%	5.5%	.	.
Obstetrics, Gynecology and Infertility - Maple Grove	79.2%	93.2%	1.0%	.	<
Olmsted Medical Center - Byron Clinic	31.4%	67.0%	23.4%	Y	.
Olmsted Medical Center - Chatfield Clinic	30.6%	60.6%	19.2%	Y	.
Olmsted Medical Center - Pine Island Clinic	34.0%	70.3%	23.9%	Y	.
Olmsted Medical Center - Plainview Clinic	43.8%	64.1%	2.8%	.	.
Olmsted Medical Center - Preston Clinic	36.3%	66.8%	19.5%	Y	.
Olmsted Medical Center - Rochester Northwest	31.3%	68.5%	30.1%	Y	>
Olmsted Medical Center - Rochester Southeast	44.8%	70.7%	22.1%	Y	.
Olmsted Medical Center - Spring Valley Clinic	22.2%	66.2%	32.9%	Y	.
Olmsted Medical Center - St. Charles Clinic	34.9%	62.3%	15.5%	Y	.
Olmsted Medical Center - Stewartville Clinic	38.4%	61.3%	13.0%	Y	.
Open Door Health Center	12.7%	26.0%	7.8%	.	<
Ortonville Area Health Services-Northside Medical Clinic	47.3%	73.0%	15.9%	Y	.
Osakis Medical Clinic, A Service of Douglas County Hospital	49.5%	74.8%	11.0%	.	.
Park Nicollet Clinic - Bloomington	45.9%	74.5%	22.7%	Y	.
Park Nicollet Clinic - Brookdale	48.3%	73.7%	21.4%	Y	.
Park Nicollet Clinic - Burnsville	45.8%	75.7%	26.0%	Y	>
Park Nicollet Clinic - Carlson	52.7%	79.4%	20.6%	Y	.
Park Nicollet Clinic - Champlin	40.5%	77.7%	23.8%	Y	.
Park Nicollet Clinic - Chanhassen	46.3%	70.5%	19.2%	Y	.
Park Nicollet Clinic - Creekside	41.9%	65.5%	16.0%	Y	.
Park Nicollet Clinic - Eagan	60.4%	79.7%	13.0%	Y	.
Park Nicollet Clinic - Golden Valley	57.1%	79.7%	14.8%	Y	.
Park Nicollet Clinic - Lakeville	27.1%	67.0%	25.3%	Y	.
Park Nicollet Clinic - Minneapolis	36.8%	69.5%	28.4%	Y	>
Park Nicollet Clinic - Plymouth	54.9%	76.5%	15.0%	Y	.
Park Nicollet Clinic - Prairie Center	55.6%	82.3%	18.3%	Y	.
Park Nicollet Clinic - Prior Lake	45.7%	74.6%	21.1%	Y	.
Park Nicollet Clinic - Rogers	38.0%	74.2%	19.6%	Y	.
Park Nicollet Clinic - Shakopee	54.6%	76.0%	16.7%	Y	.
Park Nicollet Clinic - Shorewood	44.2%	77.1%	22.7%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	48.2%	71.9%	19.8%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	62.7%	83.1%	16.2%	Y	.
Park Nicollet Clinic - Wayzata	46.0%	73.8%	20.0%	Y	.
Park Nicollet Clinic - Women's Center - OBGYN	13.9%	52.2%	28.3%	Y	.
Park Nicollet Clinic and Specialty Center - Maple Grove	41.3%	72.5%	25.2%	Y	.
Parkview Medical Clinic	48.4%	71.5%	9.0%	.	.
Partners Obstetrics & Gynecology, PA	65.6%	79.7%	3.4%	.	<
Perham Health Clinic	57.8%	76.5%	11.3%	Y	<
Perham Health New York Mills Clinic	37.8%	79.1%	24.3%	Y	.
Prairie Ridge Hospital & Health Services - Elbow Lake	32.9%	48.0%	5.3%	.	<
Prairie Ridge Hospital & Health Services - Morris	45.3%	76.4%	16.8%	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 – 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	55.6%	74.7%	19.1%	Y	
Raiter Clinic-IHN	46.5%	62.4%	10.8%	Y	<
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Hibbing	51.5%	69.8%	12.8%	Y	<
Range Reg. Hlth. Svcs. dba Fairview Mesaba Clinic - Mountain Iron	44.0%	66.1%	13.2%	Y	.
Range Regional Hlth. Svcs. dba Fairview Mesaba Clinic - Nashwauk	42.4%	64.4%	12.4%	Y	.
Renville County Hospital and Clinics - Olivia	42.7%	68.3%	15.7%	Y	.
Renville County Hospital and Clinics - Renville	32.6%	64.5%	18.7%	Y	.
Richfield Medical Group	43.1%	73.9%	21.7%	Y	.
Ridgeview Arlington Clinic	38.8%	60.0%	9.2%	.	.
Ridgeview Chanhassen Clinic	48.0%	65.3%	7.8%	.	<
Ridgeview Chaska Clinic	33.9%	46.7%	-2.0%	.	<
Ridgeview Delano Clinic	37.7%	59.0%	12.9%	Y	.
Ridgeview Excelsior Clinic	25.7%	52.6%	17.1%	Y	.
Ridgeview Gaylord Clinic	35.2%	66.8%	15.3%	.	.
Ridgeview Howard Lake Clinic	13.0%	43.2%	19.6%	Y	.
Ridgeview Westonka Clinic	36.3%	60.3%	17.4%	Y	.
Ridgeview Winsted Clinic	23.4%	53.2%	18.7%	Y	.
Ridgeview Winthrop Clinic	36.2%	56.0%	4.7%	.	.
River's Edge Clinic - St. Peter	24.9%	64.0%	25.5%	Y	.
RiverView Clinic North	41.5%	67.4%	14.7%	Y	.
Riverwood Aitkin Clinic	52.1%	76.3%	18.3%	Y	.
Riverwood Garrison Clinic	40.0%	66.7%	15.2%	Y	.
Riverwood McGregor Clinic	46.1%	67.5%	14.6%	Y	.
Sanford Aberdeen Clinic	41.3%	75.8%	20.7%	Y	.
Sanford Bagley Clinic	45.2%	63.1%	8.6%	.	<
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	49.7%	75.1%	16.9%	Y	.
Sanford Bemidji Main Clinic - Family Medicine	55.8%	83.5%	21.6%	Y	.
Sanford Bemidji Main Clinic - Internal Medicine	67.5%	85.4%	8.1%	Y	<
Sanford Blackduck Clinic	59.3%	84.6%	13.2%	Y	.
Sanford Canby Clinic	52.1%	68.4%	3.9%	.	<
Sanford Cass Lake Clinic	49.3%	73.9%	13.3%	Y	.
Sanford East Grand Forks Clinic	37.9%	67.6%	19.8%	Y	.
Sanford Fargo Broadway Clinic - Internal Medicine	48.5%	84.7%	26.8%	Y	.
Sanford Fargo North Fargo Clinic	39.6%	74.4%	23.8%	Y	.
Sanford Fargo Resident Clinic	30.1%	72.1%	30.4%	Y	.
Sanford Fargo Southpointe Clinic - Family Medicine	47.4%	79.0%	21.6%	Y	.
Sanford Fargo Southpointe Clinic - Internal Medicine	55.8%	85.5%	20.5%	Y	.
Sanford Hawley Clinic	35.2%	65.8%	14.3%	.	.
Sanford Health Alexandria Broadway Clinic	56.9%	73.2%	10.8%	Y	<
Sanford Health Detroit Lakes Clinic	58.9%	80.5%	15.8%	Y	.
Sanford Health Jamestown Clinic	36.7%	75.0%	30.4%	Y	>
Sanford Health Mahanomen Clinic	45.3%	74.7%	15.2%	Y	.
Sanford Health Mountain Lake Clinic	35.0%	65.7%	16.9%	Y	.
Sanford Health Parkers Prairie Clinic	41.3%	67.1%	11.8%	.	.
Sanford Health Pelican Rapids Clinic	29.5%	74.0%	29.5%	Y	.
Sanford Health Valley City Clinic	44.1%	74.1%	18.0%	Y	.
Sanford Health Wahpeton Clinic	46.7%	70.1%	13.7%	Y	.
Sanford Health Walker Clinic	39.8%	78.8%	27.4%	Y	.
Sanford Health Wheaton Clinic	39.5%	66.7%	10.9%	.	.
Sanford Health Windom Clinic	35.2%	67.5%	17.5%	Y	.
Sanford Jackson Clinic	40.2%	63.3%	10.9%	.	.

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 41: 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	55.6%	74.7%	19.1%	Y	
<b>Sanford Luverne Clinic</b>	35.6%	76.2%	31.5%	Y	>
Sanford Moorhead Clinic - Family Medicine	49.9%	81.3%	22.3%	Y	.
Sanford Moorhead Clinic - Internal Medicine	59.5%	85.3%	15.7%	Y	.
Sanford Sheldon Clinic	38.8%	63.1%	9.4%	.	.
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	28.9%	75.0%	30.9%	Y	.
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	50.1%	79.2%	11.5%	.	.
Sanford Thief River Falls Clinic	48.4%	73.0%	18.0%	Y	.
Sanford West Fargo Clinic - Family Medicine	39.4%	77.8%	24.8%	Y	.
Sanford Worthington Clinic	53.6%	70.6%	8.8%	Y	<
Sawtooth Mountain Clinic, Inc	51.3%	69.6%	11.5%	Y	<
Scandia Clinic	26.0%	65.9%	28.4%	Y	.
Scenic Rivers Health Services - Bigfork/Big Falls	44.0%	64.0%	12.9%	Y	.
Scenic Rivers Health Services - Cook	36.4%	50.8%	5.6%	.	<
Scenic Rivers Health Services - Floodwood	24.2%	34.6%	-3.0%	.	<
Scenic Rivers Health Services - Northome	51.1%	78.3%	12.4%	.	.
Sleepy Eye Medical Center	25.0%	58.8%	23.5%	Y	.
Southdale Obstetric and Gynecology Consultants- Edina	73.4%	84.7%	-0.5%	.	<
Southside Medical Clinic	38.2%	51.5%	5.7%	.	<
St. Cloud Medical Group - Clearwater - IHN	58.2%	78.8%	11.2%	Y	.
St. Cloud Medical Group - Cold Spring -IHN	54.5%	85.5%	17.6%	Y	.
St. Cloud Medical Group - NW -IHN	56.7%	80.5%	19.3%	Y	.
St. Cloud Medical Group - South -IHN	53.8%	81.4%	22.3%	Y	.
St. Croix Regional Medical Center - Lindstrom Clinic	39.2%	54.1%	-2.6%	.	<
St. Croix Regional Medical Center - St. Croix Falls Clinic	32.4%	67.2%	24.9%	Y	.
Stellis Health- Buffalo-IHN	48.3%	65.2%	11.8%	Y	<
Stellis Health-Monticello: IHN	46.3%	64.9%	12.6%	Y	<
Stellis Health-St. Michael Clinic: IHN	26.1%	60.8%	23.5%	Y	.
Stevens Community Medical Center - Starbuck Clinic	46.1%	63.6%	1.4%	.	<
Stillwater Medical Group - Curve Crest Clinic	56.3%	78.9%	18.4%	Y	.
Stillwater Medical Group - Mahtomedi Clinic	16.5%	67.0%	38.8%	Y	>
Synergy Family Physicians, P.A.	28.4%	45.5%	3.7%	.	<
Tri-County Health Care - Henning Clinic	32.4%	62.9%	19.5%	Y	.
Tri-County Health Care - Ottertail Clinic	20.6%	57.9%	24.5%	Y	.
Tri-County Health Care - Wadena Clinic	44.1%	66.4%	17.4%	Y	.
Tyler Medical Clinic - Avera	27.1%	67.6%	29.0%	Y	.
United Family Medicine	41.6%	61.5%	16.7%	Y	.
University of MN Health - Fairview Maple Grove Medical Center	57.8%	78.4%	12.5%	Y	.
University of Minnesota Health - Mill City Clinic	49.2%	68.4%	7.2%	.	.
University of Minnesota Health - Primary Care Center	58.6%	73.9%	10.8%	Y	<
University of Minnesota Health - Smiley's Family Medicine Clinic	42.1%	65.8%	19.7%	Y	.
University of Minnesota Health - Women's Health Specialists Clinic	44.7%	59.6%	4.9%	.	<
University of MN Physicians - Bethesda Family Medicine Clinic	47.0%	59.2%	8.5%	Y	<
University of MN Physicians - Broadway Family Medicine Clinic	35.4%	45.2%	5.6%	.	<
University of MN Physicians - Phalen Village Family Medicine Clinic	45.4%	61.8%	11.5%	Y	<
Valley Family Practice	44.1%	64.8%	8.8%	.	.
Vibrant Health Family Clinics and MN Health Network-River Falls	26.6%	71.9%	35.6%	Y	>
West Side Community Health Services - East Side Family Clinic	46.6%	45.5%	-5.4%	Y	<
West Side Community Health Services - La Clinica	42.6%	50.5%	2.9%	.	<
West Side Community Health Services - McDonough Homes Clinic	35.9%	34.0%	-7.3%	.	<
Winona Health - Winona Clinic	42.1%	61.2%	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.



## Appropriate Testing for Children with Pharyngitis

Sixty-four 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 (90 percent) was significantly lower than that of Other Purchasers (91 percent).

Thirteen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Thirty-four medical groups had rates for MHCP patients that were lower than Other Purchasers, and six of them had significantly lower MHCP rates compared to Other Purchasers within the medical group. (See Table 42, Column 5) Twenty-nine 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, eight medical groups had purchaser gaps that were significantly different than the statewide gap. Seven 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 (**MinuteClinic**) 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 42: 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	89.6%	91.3%	1.7%	Y	
Affiliated Community Medical Centers	84.9%	84.2%	-0.8%	.	.
Alexandria Clinic	86.7%	75.3%	-11.3%	.	>
All About Children Pediatrics - Children's Health Network	100.0%	100.0%	0.0%	.	.
Allina Health Specialties	92.4%	92.2%	-0.2%	.	.
Altru Health System	59.0%	62.8%	3.8%	.	.
Apple Valley Medical Clinic	95.6%	92.3%	-3.3%	.	.
Avera Medical Group - Pipestone	61.0%	59.7%	-1.3%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	48.3%	78.1%	29.9%	Y	>
CentraCare Health	91.6%	96.2%	4.6%	Y	.
Central Pediatrics	100.0%	99.0%	-1.0%	.	.
Children's Clinic Network	97.1%	96.6%	-0.4%	.	.
Children's Health Care	97.7%	95.2%	-2.5%	.	>
Chippewa County Montevideo Hospital & Medical Clinic	90.9%	92.1%	1.2%	.	.
Emergency Physicians, P.A.	92.3%	87.7%	-4.6%	.	>
Entira Family Clinics (formerly Family Health Services MN)	91.8%	90.9%	-0.9%	.	.
Essentia Health	82.2%	83.3%	1.1%	.	.
Express Healthcare	98.4%	96.7%	-1.7%	.	.
Fairview Medical Group	94.4%	94.8%	0.4%	.	.
Fairview Mesaba Clinics	67.9%	61.5%	-6.4%	.	.
Family Practice Medical Center of Willmar	94.9%	97.4%	2.5%	.	.
FirstLight Health System	92.8%	94.7%	1.9%	.	.
Fridley Children's & Teenagers' Medical Center - CPN	98.2%	97.1%	-1.0%	.	.
Glencoe Regional Health Services	95.2%	95.5%	0.2%	.	.
Glenwood Medical Center	81.1%	96.7%	15.6%	Y	>
Grand Itasca Clinic	94.6%	97.7%	3.2%	.	.
HealthEast Clinics	93.2%	95.8%	2.6%	.	.
HealthPartners Clinics	98.3%	99.1%	0.8%	.	.
Hutchinson Health	85.3%	90.5%	5.3%	.	.
Lake Region Healthcare	80.0%	82.5%	2.5%	.	.
Lakeview Clinic	95.6%	92.3%	-3.3%	.	.
Lakewood Health System	83.8%	81.0%	-2.9%	.	.
Mankato Clinic, Ltd.	94.0%	95.0%	1.0%	.	.

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 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
Statewide	89.6%	91.3%	1.7%	Y	
Mayo Clinic	88.2%	84.2%	-4.0%	.	.
Mayo Clinic Health System - Albert Lea and Austin	87.6%	89.3%	1.6%	.	.
Mayo Clinic Health System - Fairmont	26.4%	21.2%	-5.2%	.	.
Mayo Clinic Health System - Mankato	80.3%	93.3%	13.0%	.	.
Mayo Clinic Health System - Red Wing	98.0%	94.0%	-4.0%	.	.
Mayo Clinic Health System-Owatonna	80.4%	78.3%	-2.0%	.	.
MinuteClinic	100.0%	99.5%	-0.5%	.	<
Multicare Associates	93.3%	96.2%	2.8%	.	.
North Memorial	91.1%	88.9%	-2.2%	.	.
Northfield Hospital + Clinics	92.7%	97.2%	4.5%	.	.
Northwest Family Physicians	86.0%	91.9%	6.0%	.	.
Olmsted Medical Center	87.9%	91.8%	3.9%	.	.
Park Nicollet Health Services	96.3%	97.4%	1.0%	.	.
Pediatric & Young Adult Medicine	98.4%	99.1%	0.7%	.	.
Priority Pediatrics Urgent Care	100.0%	98.0%	-2.0%	.	.
Ridgeview Clinics	93.7%	98.6%	4.9%	Y	.
RiverView Health	49.1%	39.0%	-10.1%	.	.
Sanford Health - Fargo Region	77.3%	71.0%	-6.4%	Y	>
Sanford Health - Sioux Falls Region	79.3%	90.7%	11.4%	Y	>
Seven Day Clinic	85.4%	92.9%	7.4%	.	.
South Lake Pediatrics	100.0%	98.7%	-1.3%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	91.9%	97.0%	5.1%	.	.
St. Luke's Clinics	87.0%	87.0%	-0.1%	.	.
Stellis Health, PA	86.8%	90.5%	3.7%	.	.
Stevens Community Medical Center	50.0%	66.7%	16.7%	.	.
Stillwater Medical Group	96.8%	97.7%	0.8%	.	.
Suburban Emergency Associates	91.2%	93.9%	2.7%	.	.
Target Clinic	98.0%	98.4%	0.4%	.	.
Tri-County Health Care	65.2%	67.2%	2.0%	.	.
Unity Family Healthcare - Avon	79.0%	73.9%	-5.1%	.	.
Wayzata Children's Clinic	100.0%	98.0%	-2.0%	.	.
Winona Health Services	95.5%	90.7%	-4.8%	.	.

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.

## Appropriate Treatment for Children with URI

Sixty-eight 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 four percentage points and is statistically significant. The sign is negative; however, which means the Appropriate Treatment for Children with URI rate for MHCP patients (93 percent) was significantly higher than that of Other Purchasers (87 percent).

Fifteen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Fourteen medical groups had rates for MHCP patients that were lower than Other Purchasers, and none of those medical groups had a significantly lower MHCP rate compared to Other Purchaser rate. (See Table 43, Column 5) Fifty-four 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, 10 medical groups had purchaser gaps that were significantly different than the statewide gap. Three of those medical groups had a gap that was significantly larger than the statewide gap, while seven 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 **four 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**
- **Fairview Medical Group**
- **Park Nicollet Health Services**
- **South Lake Pediatrics**

# Table 43: 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	93.2%	89.6%	-3.6%	Y	
Affiliated Community Medical Centers	91.9%	88.5%	-3.5%	.	.
Alexandria Clinic	67.8%	64.1%	-3.7%	.	.
All About Children Pediatrics - Children's Health Network	94.1%	100.0%	5.9%	.	>
Allina Health Specialties	96.5%	94.4%	-2.1%	Y	.
Altru Health System	88.4%	82.5%	-5.9%	.	.
Apple Valley Medical Clinic	84.7%	77.6%	-7.1%	Y	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	90.1%	82.8%	-7.3%	.	.
CentraCare Health	95.3%	91.8%	-3.5%	Y	.
Central Pediatrics	97.2%	98.8%	1.6%	.	<
Children's Clinic Network	97.3%	96.5%	-0.8%	.	<
Children's Health Care	95.7%	96.6%	1.0%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	94.7%	90.2%	-4.5%	.	.
Cuyuna Regional Medical Center	93.5%	90.3%	-3.1%	.	.
Emergency Physicians, P.A.	95.7%	94.6%	-1.1%	.	.
Entira Family Clinics (formerly Family Health Services MN)	90.3%	95.0%	4.7%	.	>
Essentia Health	89.2%	86.1%	-3.1%	.	.
Fairview Medical Group	94.7%	93.9%	-0.9%	.	<
Fairview Mesaba Clinics	92.1%	84.4%	-7.7%	.	.
Family Practice Medical Center of Willmar	96.0%	95.1%	-0.9%	.	.
FirstLight Health System	99.1%	100.0%	0.9%	.	.
Fridley Children's & Teenagers' Medical Center - CPN	97.5%	94.0%	-3.6%	.	.
Glencoe Regional Health Services	97.1%	94.4%	-2.7%	.	.
Glenwood Medical Center	68.0%	64.9%	-3.1%	.	.
Grand Itasca Clinic	83.6%	91.4%	7.8%	.	>
Gundersen Health System	96.0%	96.2%	0.2%	.	.
HealthEast Clinics	98.1%	95.6%	-2.5%	.	.
HealthPartners Clinics	97.6%	95.7%	-1.9%	Y	.
Hennepin County Medical Center (HCMC) Clinics	98.9%	95.1%	-3.8%	Y	.
Hutchinson Health	92.6%	90.6%	-2.0%	.	.
Lake Region Healthcare	98.0%	93.6%	-4.4%	.	.
Lakeview Clinic	97.9%	94.1%	-3.9%	.	.
Lakewood Health System	92.0%	84.3%	-7.7%	.	.
Mankato Clinic, Ltd.	87.9%	84.2%	-3.7%	.	.
Mayo Clinic	94.5%	93.5%	-1.0%	.	.

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 – 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
<b>Statewide</b>	<b>93.2%</b>	<b>89.6%</b>	<b>-3.6%</b>	<b>Y</b>	
Mayo Clinic Health System - Albert Lea and Austin	89.8%	87.8%	-2.1%	.	.
Mayo Clinic Health System - Mankato	89.6%	85.9%	-3.8%	.	.
Mayo Clinic Health System - New Prague	89.4%	88.6%	-0.7%	.	.
Mayo Clinic Health System - Red Wing	83.3%	80.3%	-3.0%	.	.
Mayo Clinic Health System - Waseca	93.8%	95.7%	2.0%	.	.
Mayo Clinic Health System-Owatonna	90.0%	80.4%	-9.6%	Y	.
Mille Lacs Health System	95.0%	94.6%	-0.4%	.	.
MinuteClinic	98.5%	97.3%	-1.2%	.	.
Multicare Associates	89.2%	88.5%	-0.7%	.	.
North Clinic	93.9%	96.8%	2.8%	.	.
North Memorial	95.1%	95.1%	0.0%	.	.
Northfield Hospital + Clinics	94.9%	87.9%	-7.0%	.	.
Northwest Family Physicians	94.9%	86.3%	-8.6%	Y	.
Olmsted Medical Center	88.4%	87.8%	-0.7%	.	.
Park Nicollet Health Services	96.2%	94.7%	-1.5%	.	<
Pediatric & Young Adult Medicine	95.1%	91.2%	-4.0%	.	.
Pediatric Services - Children's Physician Network	98.7%	97.5%	-1.3%	.	.
Priority Pediatrics Urgent Care	94.2%	93.0%	-1.3%	.	.
Ridgeview Clinics	92.7%	86.2%	-6.5%	.	.
RiverView Health	73.5%	75.0%	1.6%	.	.
Sanford Health - Fargo Region	90.8%	85.3%	-5.5%	Y	.
Sanford Health - Sioux Falls Region	83.4%	86.8%	3.4%	.	<
South Lake Pediatrics	100.0%	99.6%	-0.4%	.	<
Southdale Pediatric Associates, Ltd	94.8%	91.1%	-3.6%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	96.4%	95.6%	-0.8%	.	.
St. Luke's Clinics	93.7%	93.3%	-0.5%	.	.
Stellis Health, PA	99.0%	97.5%	-1.5%	.	.
Stevens Community Medical Center	78.4%	78.6%	0.2%	.	.
Stillwater Medical Group	97.4%	93.7%	-3.8%	.	.
Suburban Emergency Associates	93.7%	97.4%	3.7%	.	.
Target Clinic	96.4%	91.8%	-4.5%	Y	.
Unity Family Healthcare - Avon	93.4%	83.9%	-9.5%	Y	.
Wayzata Children's Clinic	98.3%	98.6%	0.4%	.	<
Winona Health Services	96.8%	95.0%	-1.8%	.	.

Y = Yes, statistical significance

&lt; = Significantly smaller purchaser gap within

Medical Group than the statewide gap

&gt; = Significantly larger purchaser gap within

Medical Group than the statewide gap

Please see the next page.



## Controlling High Blood Pressure

Fifteen 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 six 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 (76 percent).

Of the 15 medical groups, nine of them had rates for MHCP patients that were lower than Other Purchasers; five of these medical groups' rate differences were statistically significant. (See Table 44, Column 5) Six 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, one medical group had a purchaser gap that was significantly different than the statewide gap and that gap was significantly larger than the statewide gap. There were no clinics that had a gap significantly smaller than the statewide gap. (See Column 6)

There were no medical group that 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.

# Table 44: 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	70.1%	76.1%	5.9%	Y	
Affiliated Community Medical Centers	70.6%	70.2%	-0.4%	.	.
Allina Health Specialties	72.9%	78.0%	5.1%	Y	.
CentraCare Health	70.8%	72.7%	1.9%	.	.
Entira Family Clinics	80.5%	85.5%	5.0%	.	.
Essentia Health	74.4%	81.3%	6.9%	Y	.
Fairview Medical Group	71.9%	78.4%	6.5%	Y	.
HealthEast Clinics	70.3%	66.8%	-3.4%	.	.
HealthPartners Clinics	66.7%	72.4%	5.7%	.	.
Mankato Clinic, Ltd.	81.3%	68.9%	-12.4%	.	>
North Clinic	74.7%	64.1%	-10.7%	.	.
North Memorial	73.3%	68.9%	-4.4%	.	.
Park Nicollet Health Services	72.8%	75.9%	3.2%	.	.
Sanford Health - Fargo Region	79.0%	79.6%	0.6%	.	.
Sanford Health - Sioux Falls Region	87.1%	81.6%	-5.5%	.	.
St. Luke's Clinics	66.8%	81.7%	14.9%	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.

## Breast Cancer Screening

Sixty-three 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 16 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 (78 percent).

Sixty-two 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 45, 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, seven medical groups had a gap significantly larger than the statewide gap, and seven medical groups had a rate significantly smaller than the statewide gap. One of those seven medical groups had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

There were no medical group that 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 45 summarizes these findings.

# Table 45: 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	61.8%	77.9%	16.1%	Y	
Affiliated Community Medical Centers	68.7%	85.3%	16.6%	Y	.
Alexandria Clinic	82.4%	87.8%	5.4%	.	<
Allina Health Specialties	69.6%	87.2%	17.6%	Y	.
Altru Health System	56.0%	81.0%	25.0%	Y	.
Apple Valley Medical Clinic	61.8%	68.5%	6.8%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	72.1%	83.3%	11.3%	Y	.
CentraCare Health	65.4%	88.3%	22.9%	Y	>
Chippewa County Montevideo Hospital & Medical Clinic	66.7%	87.0%	20.4%	Y	.
Community University Health Care Center	65.9%	76.3%	10.4%	Y	.
Cuyuna Regional Medical Center	68.0%	81.6%	13.7%	Y	.
Duluth Family Medicine Clinic	51.9%	72.5%	20.7%	Y	.
Entira Family Clinics	50.2%	73.8%	23.6%	Y	>
Essentia Health	65.1%	85.5%	20.4%	Y	>
Fairview Medical Group	66.7%	82.3%	15.6%	Y	.
Fairview Mesaba Clinics	65.4%	78.5%	13.1%	Y	.
Family Practice Medical Center of Willmar	63.0%	84.3%	21.3%	Y	.
FirstLight Health System	67.5%	80.0%	12.5%	Y	.
Gateway Family Health Clinic	50.0%	74.0%	24.0%	Y	.
Glenwood Medical Center	60.5%	75.5%	14.9%	.	.
Grand Itasca Clinic	59.0%	81.9%	22.9%	Y	.
HealthEast Clinics	65.2%	79.1%	13.9%	Y	.
HealthPartners Clinics	81.8%	91.6%	9.8%	Y	<
Hennepin County Medical Center (HCMC) Clinics	66.7%	75.9%	9.2%	Y	<
Hutchinson Health	68.3%	78.3%	10.0%	.	.
Lake Region Healthcare	52.2%	82.5%	30.3%	Y	>
Lakeview Clinic	65.6%	78.8%	13.2%	Y	.
Lakewood Health System	59.2%	78.0%	18.8%	Y	.
Mankato Clinic, Ltd.	75.0%	84.9%	9.9%	Y	.
Mayo Clinic	71.8%	88.7%	16.9%	Y	.
Mayo Clinic Health System - Albert Lea and Austin	75.5%	78.6%	3.1%	.	<
Mayo Clinic Health System - Fairmont	74.7%	82.5%	7.8%	.	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	77.8%	88.9%	11.1%	Y	.
Mayo Clinic Health System - Lake City	82.9%	86.1%	3.2%	.	.

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 – 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	61.8%	77.9%	16.1%	Y	
Mayo Clinic Health System - Mankato	71.8%	87.2%	15.4%	Y	.
Mayo Clinic Health System - New Prague	66.7%	78.5%	11.8%	.	.
Mayo Clinic Health System - Red Wing	69.6%	84.0%	14.4%	Y	.
Mayo Clinic Health System - Waseca	77.8%	80.2%	2.4%	.	.
Mayo Clinic Health System-Owatonna	77.0%	87.8%	10.8%	Y	.
Mille Lacs Health System	58.7%	73.4%	14.7%	Y	.
Multicare Associates	66.3%	75.6%	9.3%	Y	.
Neighborhood Healthsource	61.0%	54.4%	-6.7%	.	<
North Clinic	63.1%	78.2%	15.2%	Y	.
North Memorial	61.1%	78.2%	17.0%	Y	.
NorthPoint Health & Wellness Center	68.2%	95.4%	27.1%	Y	.
Northwest Family Physicians	53.6%	72.4%	18.8%	Y	.
Olmsted Medical Center	67.7%	82.4%	14.7%	Y	.
Open Cities Health Center	63.8%	67.3%	3.5%	.	.
Park Nicollet Health Services	66.3%	84.6%	18.3%	Y	.
Raiter Clinic, LTD - IHN	50.0%	73.7%	23.7%	Y	.
Ridgeview Clinics	49.6%	75.6%	25.9%	Y	>
Sanford Health - Fargo Region	66.2%	84.2%	18.0%	Y	.
Sanford Health - Sioux Falls Region	70.2%	84.1%	13.9%	Y	.
Scenic Rivers Health Services	64.7%	79.3%	14.6%	Y	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	52.0%	79.5%	27.4%	Y	>
St. Luke's Clinics	51.8%	76.3%	24.5%	Y	>
Stellis Health, PA	73.0%	80.1%	7.2%	Y	<
Stillwater Medical Group	72.1%	88.0%	15.9%	Y	.
Tri-County Health Care	71.4%	80.8%	9.3%	.	.
United Family Medicine	57.4%	68.5%	11.0%	Y	.
Unity Family Healthcare - Avon	57.1%	80.7%	23.5%	Y	.
University of Minnesota Physicians	58.6%	78.7%	20.1%	Y	.
West Side Community Health Services	60.6%	64.0%	3.4%	.	<
Winona Health Services	61.9%	79.5%	17.6%	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



Please see the next page.

## Chlamydia Screening in Women

Eighty 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 negative seven 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 (49 percent).

Eleven medical groups had rates for MHCP patients that were lower than Other Purchasers; 69 medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 46, Column 4). Of those 69 groups, 21 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, seven medical groups had purchaser gaps that were significantly different than the statewide gap. Of these seven medical groups, four had a gap significantly smaller than the statewide gap; three had a higher MHCP performance rate than Other Purchasers. (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 44 summarizes these findings.

- **Allina Health Specialties**
- **Fairview Medical Group**
- **Planned Parenthood Minnesota, North Dakota, South Dakota**

# Table 46: 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%	48.6%	-7.4%	Y	
Affiliated Community Medical Centers	48.1%	38.4%	-9.6%	Y	.
Alexandria Clinic	25.9%	25.3%	-0.6%	.	.
Allina Health Specialties	68.1%	65.8%	-2.3%	Y	<
Altru Health System	41.2%	31.5%	-9.7%	Y	.
Apple Valley Medical Clinic	45.9%	44.7%	-1.2%	.	.
Avera Medical Group - Pipestone	44.1%	21.2%	-22.9%	Y	.
Avera Medical Group- Marshall	45.7%	35.3%	-10.4%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	33.3%	30.2%	-3.1%	.	.
CentraCare Health	59.7%	53.5%	-6.2%	Y	.
Children's Clinic Network	46.0%	39.8%	-6.2%	.	.
Children's Health Care	51.3%	40.6%	-10.7%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	42.6%	40.0%	-2.6%	.	.
Community University Health Care Center	63.1%	61.3%	-1.8%	.	.
Cuyuna Regional Medical Center	45.1%	37.7%	-7.4%	.	.
Duluth Family Medicine Clinic	66.7%	48.8%	-17.9%	.	.
Entira Family Clinics	59.7%	66.4%	6.7%	Y	<
Essentia Health	42.1%	34.9%	-7.2%	Y	.
Face to Face Health & Counseling Service, Inc.	91.9%	90.6%	-1.3%	.	.
Fairview Medical Group	62.5%	58.4%	-4.1%	Y	<
Fairview Mesaba Clinics	53.5%	42.0%	-11.5%	.	.
Family Practice Medical Center of Willmar	42.9%	27.4%	-15.5%	.	.
FirstLight Health System	48.1%	50.5%	2.4%	.	.
Gateway Family Health Clinic	43.8%	39.1%	-4.7%	.	.
Glencoe Regional Health Services	8.7%	6.1%	-2.6%	.	.
Glenwood Medical Center	26.3%	26.1%	-0.2%	.	.
Grand Itasca Clinic	42.1%	35.1%	-7.0%	.	.
Gundersen Health System	47.2%	46.4%	-0.8%	.	.
HealthEast Clinics	61.5%	50.1%	-11.3%	Y	.
HealthPartners Clinics	75.7%	70.4%	-5.2%	Y	.
Hennepin County Medical Center (HCMC) Clinics	69.7%	59.4%	-10.4%	Y	.
Hutchinson Health	42.6%	31.9%	-10.7%	.	.
Lake Region Healthcare	42.1%	29.6%	-12.5%	Y	.
Lakeview Clinic	50.0%	45.2%	-4.9%	.	.
Lakewood Health System	43.4%	39.1%	-4.3%	.	.
Mankato Clinic, Ltd.	56.7%	48.3%	-8.4%	Y	.
Mayo Clinic	47.6%	43.3%	-4.3%	.	.
Mayo Clinic Health System - Albert Lea and Austin	49.4%	49.2%	-0.2%	.	.
Mayo Clinic Health System - Fairmont	44.8%	47.5%	2.8%	.	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	48.4%	50.6%	2.2%	.	.
Mayo Clinic Health System - Lake City	35.1%	46.4%	11.3%	.	.

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 46: 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%	48.6%	-7.4%	Y	
Mayo Clinic Health System - Mankato	52.6%	38.1%	-14.5%	Y	.
Mayo Clinic Health System - New Prague	45.5%	49.6%	4.1%	.	.
Mayo Clinic Health System - Red Wing	55.8%	46.7%	-9.1%	.	.
Mayo Clinic Health System - St. James	47.1%	39.3%	-7.8%	.	.
Mayo Clinic Health System - Waseca	58.1%	58.8%	0.8%	.	.
Mayo Clinic Health System-Owatonna	51.6%	43.6%	-8.0%	.	.
Mille Lacs Health System	32.3%	49.1%	16.9%	.	>
MinuteClinic	51.3%	48.9%	-2.4%	.	.
Multicare Associates	50.0%	47.2%	-2.8%	.	.
North Clinic	64.9%	32.0%	-32.9%	Y	>
North Memorial	52.0%	43.7%	-8.3%	Y	.
Northfield Hospital + Clinics	51.5%	35.3%	-16.2%	.	.
NorthPoint Health & Wellness Center	78.2%	72.7%	-5.4%	.	.
Northwest Family Physicians	53.2%	41.8%	-11.4%	.	.
Obstetrics and Gynecology Associates	67.9%	50.2%	-17.8%	Y	.
Olmsted Medical Center	44.4%	38.1%	-6.2%	.	.
Park Nicollet Health Services	65.0%	57.3%	-7.6%	Y	.
Planned Parenthood Minnesota, North Dakota, South Dakota	82.2%	80.0%	-2.2%	.	<
Premier OB/GYN of Minnesota	61.6%	55.0%	-6.6%	.	.
Raiter Clinic, LTD - IHN	40.7%	40.0%	-0.7%	.	.
Renville County Hospital and Clinics	41.0%	25.6%	-15.4%	.	.
Ridgeview Clinics	48.5%	47.2%	-1.4%	.	.
RiverView Health	19.4%	27.6%	8.2%	.	.
Riverwood Healthcare Center	40.0%	22.0%	-18.1%	.	.
Sanford Health - Fargo Region	40.2%	35.6%	-4.6%	Y	.
Sanford Health - Sioux Falls Region	36.5%	30.7%	-5.8%	.	.
Seven Day Clinic	36.8%	35.1%	-1.7%	.	.
Southdale Pediatric Associates, Ltd	65.6%	53.8%	-11.8%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	49.5%	44.0%	-5.5%	.	.
St. Luke's Clinics	47.6%	46.7%	-0.9%	.	.
Stellis Health, PA	47.8%	42.3%	-5.5%	.	.
Stevens Community Medical Center	28.1%	17.9%	-10.2%	.	.
Stillwater Medical Group	64.6%	60.2%	-4.3%	.	.
Target Clinic	41.4%	44.4%	3.0%	.	.
Tri-County Health Care	35.9%	33.7%	-2.2%	.	.
United Family Medicine	44.8%	51.3%	6.5%	.	.
Unity Family Healthcare - Avon	41.5%	33.9%	-7.6%	.	.
University of Minnesota Physicians	63.8%	45.9%	-17.9%	Y	>
West Side Community Health Services	66.6%	57.1%	-9.4%	.	.
Winona Health Services	48.3%	35.6%	-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

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 2016 national commercial HEDIS rate and the 2016 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, Childhood Immunization Status (Combo 3) and Chlamydia Screening in Women).

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, Depression Remission at Six Months, Optimal Asthma Control – Children Ages 5-17, Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening. 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: Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with URI, Childhood Immunization Status (Combo 3), Controlling High Blood Pressure, Breast Cancer Screening and Chlamydia Screening in Women. 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 2015** – 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 2015 to 2016.
- **“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 2015 to 2016.
- **“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 2015 to 2016.

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 2016

- Optimal Diabetes Care – Measures the percentage of patients with diabetes (Types 1 and 2) ages 18-75 who reached all five 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, on a statin medication unless allowed contraindications or exceptions are present, daily aspirin use if they have a co-morbidity of Ischemic Vascular Disease (IVD), and documented tobacco-free status.  
In 2015, the measure was a four-component composite measure without the statin use component.
- 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, on a statin medication unless allowed contraindications or exceptions are present, daily aspirin use, and documented tobacco-free status.  
In 2015, the measure specification included an LDL component of LDL-C less than 100 mg/dl.
- 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.

### Increase in MHCP Rate Measures

#### Large Increase

- 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.

#### Moderate Increase

- 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.
- 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.
- Colorectal Cancer Screening – Measures the percentage of adults ages 51-75 who had appropriate screening for colorectal cancer screenings.
- 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.

## Appendix 7: Measure Definitions

### Small Increase

- 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).
- 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.

### Decrease in MHCP Rate Measures

#### Small Decrease

- 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.

## Appendix 8: References

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