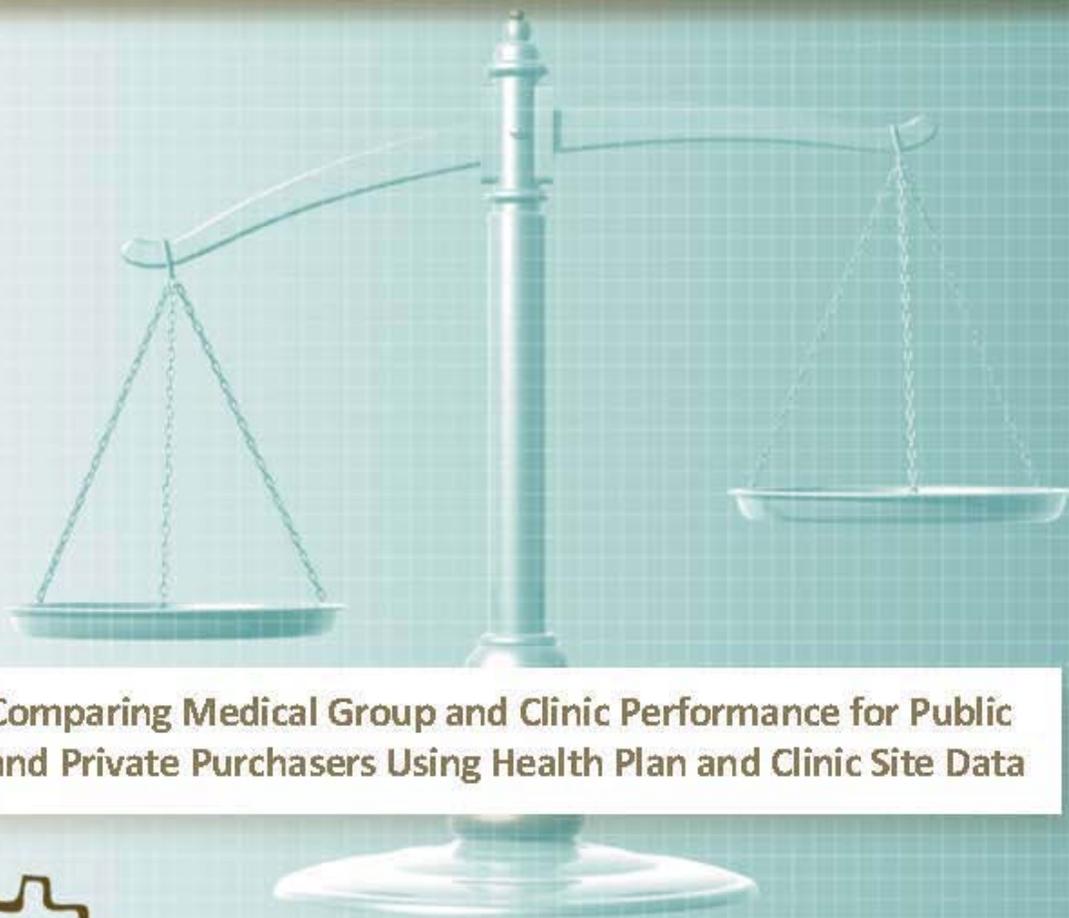


2014

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



www.mncm.org



Minnesota Department of **Human Services**

2014 Health Care Disparities Report *for* Minnesota Health Care Programs

Report Preparation Directed by:

Anne M. Snowden, MPH, CPHQ

Director of Performance Measurement, Validation & Reporting, MNMCM

Key Contributors:

Karen Schirle

Director, Health Care Research and Quality, DHS

Robert J. Lloyd, MBA, CPHQ

Manager of Health Program Quality, DHS

Rachel Mlodzik, MPH

Data Analyst/Project Specialist, MNMCM

Erin Ghery, MPP

Communications & Engagement Manager, MNMCM

Direct Questions or Comments to:

Anne M. Snowden

612-454-4811

snowden@mncm.org

Karen Schirle

651-431-2612

karen.schirle@state.mn.us



Please see the next page.

2014

Health Care Disparities Report

for Minnesota Health Care Programs

- I. Executive Summary..... 5
- II. Introduction 11
- III. Statewide Difference between MHCP and Other Purchasers of Health Care Services 14
- IV. Measures with Specification Changes 16
 - i. Breast Cancer Screening 16
- V. Measures with an Increase in MHCP Rate 18
 - i. **Large Increase**..... 18
 - Optimal Vascular Care 18
 - Optimal Asthma Care – Children Ages 5-17..... 20
 - Optimal Diabetes Care 22
 - ii. **Moderate Increase** 24
 - Optimal Asthma Care – Adults Ages 18-50..... 24
 - Colorectal Cancer Screening 26
 - Appropriate Treatment for Children with Upper Respiratory Infection (URI) 28
 - iii. **Small Increase**..... 30
 - Depression Remission at Six Months..... 30
- VI. Measures with a Decrease in MHCP Rate..... 33
 - i. **Small Decrease** 33
 - Appropriate Testing for Children with Pharyngitis 33
 - Childhood Immunization Status (Combo 3)..... 35
 - ii. **Moderate Decrease**..... 37
 - Controlling High Blood Pressure 37
 - Chlamydia Screening for Women 39
- VII. Chapter Summary 42
- VIII. Medical Group/Clinic Level Performance Results..... 45
- IX. Examination of Statewide MHCP Rates by Race and Hispanic Ethnicity 67
- X. Examination of Statewide MHCP Rates by DHS Region..... 80
- XI. Conclusion..... 89
- XII. Acknowledgements..... 91
- XIII. List of Medical Groups Reported 92
- XIV. Appendices..... 94
- XV. Appendix 1: Data Sources and Data Collection 94
- XVI. Appendix 2: Methods..... 96
- XVII. Appendix 3: Medical Group/Clinic Performance Rate Tables 102
- XVIII. Appendix 4: Medical Group Performance Over Time (Three Years) 146
- XIX. Appendix 5: Purchaser Performance Rate Differences..... 158
- XX. Appendix 6: Glossary 217
- XXI. Appendix 7: Measure Definitions 220
- XXII. Appendix 8: References 222

Executive Summary

The *2014 Health Care Disparities Report for Minnesota Health Care Programs* provides health care performance rates for patients enrolled in the managed care component of these programs. Minnesota Health Care Programs (MHCP) includes Medical Assistance and MinnesotaCare, which are both funded by state and federal governments and administered by health plans.

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

When compared with the overall population of Minnesota, patients enrolled in MHCP are of lower socioeconomic status and represent a disproportionate number of persons of color, American Indian/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.^{1,2,3}

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

*Healthcare Effectiveness Data and Information Set (HEDIS) measures

Key Findings

- Seven of the 12 MHCP statewide measures have improved since last year, and six of these improvements were statistically significant (see **Table 1**). Optimal Vascular Care, Optimal Asthma Care - Children Ages 5-17 and Optimal Diabetes Care had the largest gains in MHCP rates.
- While four measures declined from last year, only one decline was statistically significant (Chlamydia Screening in Women).
- Of the 11 measures with three or more years of data, 10 have improved since their first year of measurement for MHCP patients (See **Table 1**). Optimal Asthma Care – Children Ages 5-17 has had the largest gain (32 percentage point increase), followed by Optimal Asthma Care – Adults Ages 18-50 (25 percentage point increase) and Childhood Immunization Status (Combo 3). All three changes were statistically significant.
- The Appropriate Treatment for Children with URI measure continues to have the highest MHCP rate at 90 percent, followed by Appropriate Testing for Children with Pharyngitis at 87 percent. The measure with the lowest MHCP rate was Depression Remission at Six Months at five percent.

Executive Summary

- Ten of the 12 statewide performance rates for MHCP patients were significantly lower than for patients insured by Other Purchasers. Two measures – Chlamydia Screening in Women and Appropriate Treatment for Children with URI – showed a significantly higher performance rate for MHCP patients than Other Purchaser patients (see **Table 2**). The largest gaps between MHCP and Other Purchaser patients occurred on three measures (see **Table 2**), and Colorectal Cancer Screening has had the largest gap since the *2009 Health Care Disparities Report*:
 - Colorectal Cancer Screening (20 percentage points)
 - Optimal Asthma Care – Adults Ages 18-50 (16 percentage points)
 - Breast Cancer Screening (14 percentage points)
- Statewide gaps in performance rates between MHCP and Other Purchasers have narrowed over time for five measures. Two of these changes were statistically significant:
 - Appropriate Treatment for Children with URI (over nine years)
 - Appropriate Testing for Children with Pharyngitis (over nine years)
- Although statewide gaps in performance rates between MHCP and Other Purchasers have widened over time for the additional six measures, only one gap widening is statistically significant (Optimal Asthma Care – Adults Ages 18-50).
- Differences exist between **racial/ethnic groups** within the MHCP patient population for all six HEDIS measures. ****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.**
 - **Breast Cancer Screening** – Patients that indicated that they are of more than one race had the highest rate of breast cancer screening; however, this rate was not significantly above the statewide MHCP rate. American Indians/Alaskan Natives continued to have the lowest rate and had a significantly lower rate than the statewide MHCP rate.
 - **Appropriate Treatment for Children with URI** – Black or African Americans continued to have the highest rate of receiving appropriate treatment for children with URI and had a significantly higher rate than the statewide MHCP rate. Whites continued to have the lowest rate and were the only group with a performance rate significantly below the statewide MHCP rate. These results are consistent with last year’s findings.
 - **Appropriate Testing for Children with Pharyngitis** – Black or African Americans continued to have the highest rate of receiving appropriate testing for children with pharyngitis which was significantly above the statewide MHCP rate. Asians or Pacific Islanders or Native Hawaiians continued to have the lowest rate which was significantly below the statewide MHCP rate.
 - **Childhood Immunization Status (Combo 3)** – Children of multiple races had the highest childhood immunization rate, but it was not significantly above the MHCP statewide rate. Whites were the only racial/ethnic group with a rate significantly above the MHCP statewide rate. Blacks/African Americans had the lowest rate which was the only rate significantly below the statewide MHCP rate.
 - **Controlling High Blood Pressure** – Whites continued to have the highest rate of controlling high blood pressure. Blacks/African Americans continued to have the lowest performance rate which was the only

Executive Summary

rate significantly below the statewide MHCP rate.

- **Chlamydia Screening in Women** – Black or African Americans continued to have the highest rate of chlamydia screening and, along with Multi-Racial patients and American Indians or Alaskan Natives, had a rate significantly above the statewide MHCP rate. Whites and patients with Unknown race had the lowest rate, which in both cases were significantly below the statewide MHCP rate.
- Statistically significant differences exist between **Hispanic** and **Non-Hispanic** patients within the MHCP patient population for three of the six HEDIS measures.
 - Hispanic patients had significantly higher health care performance rates compared to Non-Hispanic patients in two measures – Breast Cancer Screening and Childhood Immunization Status (Combo 3).
 - Non-Hispanic patients had a significantly higher performance rate in one measure – Appropriate Testing for Children with Pharyngitis.
- Differences exist between geographical regions for the MHCP patient population for all of the DDS measures. Please note that these measures are of the health care outcomes for these patients, not the performance of the patients within these regions.
 - **The Northwest region** had the lowest rate for five measures (Optimal Diabetes Care; Optimal Vascular Care; Depression Remission at Six Months; Optimal Asthma Care – Children Ages 5-17; and Optimal Asthma Care – Adults Ages 18-50) with all rates significantly below the MHCP statewide rate. This region had the highest screening rate for Colorectal Cancer Screening which was significantly above the MHCP statewide rate.
 - **The Northeast region** did not have the highest or lowest rate for any measure but did have a performance rate significantly above the MHCP statewide rate for Colorectal Cancer Screening.
 - **The Metro region** had the highest rate for four measures (Optimal Diabetes Care; Depression Remission at Six Months; Optimal Asthma Care – Children Ages 5-17; and Optimal Asthma Care – Adults Ages 18-50), and three of these rates (all but Depression Remission at Six Months) 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 Vascular Care) which was significantly above the MHCP statewide rate. This region did not have the lowest rate for any measure; however, it did have a significantly lower rate than the MHCP statewide rate for Optimal Asthma Care – Children Ages 5-17.

The **Breast Cancer Screening** measure experienced revisions to its age criterion this year. For 2014, the age criterion includes women between the ages of 50-74. The age criterion for previous years included ages 50-69. Due to this change, no trend data is available for this measure.

Executive Summary

In 2013, the National Committee of Quality Assurance (NCQA) revised the measure specifications for the **Cervical Cancer Screening** measure to allow for the collection of this data via the hybrid data collection method (claims and medical record review) and to include HPV screening. In September 2013, MNMCM's Measurement and Reporting Committee (MARC) decided to align with NCQA's plan and recommendation to not publicly report this revised, first-year measure in 2015. As a result, the Cervical Cancer Screening measure is not included in the *2014 Health Care Disparities Report*. 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 *2014 Health Care Disparities Report* for MHCP patients compared to last year's report. The Optimal Diabetes Care and the Optimal Vascular Care measures shifted from a decrease in MHCP rates last year to a significant increase this year. Additionally, the purchaser gap for both measures began to narrow this year.

There are also several notable similarities in the findings of this year's report compared to previous years. The Optimal Asthma Care measures for both children and adults continue to experience increases in their MHCP rates. The MHCP rate for Chlamydia Screening in Women continues to decrease, a concerning trend that highlights substantial room for improvement. Finally, the Colorectal Cancer Screening measure continues to have the largest purchaser rate gap, while the Chlamydia Screening in Women measure continues to have the smallest purchaser rate gap.

**The following measures are not reported by race and Hispanic ethnicity: Optimal Asthma Care - Children Ages 5-17; Optimal Asthma Care - Adults Ages 18-50; Colorectal Cancer Screening; Depression Remission at Six Months; Optimal Vascular Care; and Optimal Diabetes Care. 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.

Executive Summary

Statewide Rate Comparisons to Previous Years

Table 1 displays the MHCP statewide results for report year 2014, which reflects 2013 dates of service, and compares the 2014 report results to previous years. See the definitions listed below for measure categories.

- **Measure Specification Changes since 2013** – 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 2013 to 2014.
- **“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 2013 to 2014.
- **“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 2013 to 2014.

Table 1: Summary of MHCP Statewide Rates for 2014 Report Year Compared to Previous Years

Quality Measure	2014 MHCP Statewide Average	MHCP Percentage Point Change Statewide (Report Year 2014-2013)	MHCP Percentage Point Change Over Time (Report Year 2014 to First Year Reported)
Measure Specification Changes since 2013			
Breast Cancer Screening	62.7%	N/A	N/A
Increase in MHCP Rate since 2013			
Large Increase			
Optimal Vascular Care*	42.7%	8.5**	8.3** (3 years)
Optimal Asthma Care - Children Ages 5-17*	49.6%	6.7**	31.7** (4 years)
Optimal Diabetes Care*	32.1%	6.7**	4.9** (4 years)
Moderate Increase			
Optimal Asthma Care - Adults Ages 18-50*	35.9%	4.5**	25.3** (4 years)
Colorectal Cancer Screening*	53.0%	1.3**	5.6** (4 years)
Appropriate Treatment for Children with URI	91.0%	1.2**	6.9** (9 years)
Small Increase			
Depression Remission at Six Months	5.3%	0.7	1.8** (5 years)
Decrease in MHCP Rate since 2013			
Small Decrease			
Appropriate Testing for Children with Pharyngitis	86.6%	-0.5	15.0** (9 years)
Childhood Immunization Status (Combo 3) *	72.6%	-1.0	23.3** (9 years)
Moderate Decrease			
Controlling High Blood Pressure*	70.3%	-1.4	8.1** (8 years)
Chlamydia Screening in Women	55.8%	-1.9**	-0.4 (6 years)

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

Executive Summary

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 (2014) (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	2014 MHCP Statewide Average	2014 Other Purchasers Statewide Average	Rate Difference (2014) (Other Purchasers - MHCP)	Rate Difference (Current Year vs. First Year) Over time (Other Purchasers-MHCP)
Chlamydia Screening in Women	55.8%	45.5%	-10.3%**	Gap Narrowed (2009-2014)
Appropriate Treatment for Children with URI	91.0%	88.7%	-2.3%**	Gap Narrowed** (2006-2014)
Appropriate Testing for Children with Pharyngitis	86.6%	89.6%	2.9%**	Gap Narrowed** (2006-2014)
Depression Remission at Six Months	5.3%	9.4%	4.1%**	Gap Widened (2011-2014)
Controlling High Blood Pressure*	70.3%	76.2%	5.9%**	Gap Widened (2008-2014)
Childhood Immunization Status (Combo 3) *	72.6%	80.5%	7.9%**	Gap Widened (2006-2014)
Optimal Diabetes Care*	32.1%	42.2%	10.1%**	Gap Narrowed (2011-2014)
Optimal Vascular Care*	42.7%	53.1%	10.4%**	Gap Narrowed (2012-2014)
Optimal Asthma Care - Children Ages 5-17*	49.6%	60.7%	11.2%**	Gap Widened (2011-2014)
Optimal Asthma Care - Adults Ages 18-50*	35.9%	52.0%	16.1%**	Gap Widened** (2011-2014)
Colorectal Cancer Screening*	53.0%	72.9%	19.9%**	Gap Widened (2011-2014)
Breast Cancer Screening	62.7%	77.0%	14.3%**	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.⁴ An important aspect of improving accountability for health care outcomes are establishing a basis for ongoing measurement.

The *2014 Health Care Disparities Report for Minnesota Health Care Programs*, which reports on care delivered in 2013, is the eighth report of its kind produced by MN Community Measurement (MNCM) in collaboration with the Minnesota Department of Human Services (DHS). It compares health care received by patients enrolled in Minnesota Health Care Programs (MHCP) to patients insured by Other Purchasers on 12 measures. The 2014 report also marks the fifth time DHS and MNCM have publicly reported statewide performance rates for MHCP patients by race and Hispanic ethnicity for HEDIS 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.^{1, 5,}
⁶ The monitoring and public reporting of these rates should continue to be evaluated annually to keep a spotlight on health inequity and gauge whether medical group and clinic efforts to reduce disparities are working.

Background

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

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

Introduction

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.⁷ Medical group providers and staff often have the best understanding of patient barriers and system improvements that could impact disparities.⁷ 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 2014, 41 percent of medical groups said they were very likely or likely to use the report in their quality improvement programs; this was a six percentage point increase from 2013. Before this report became available, national and state level reports of differences in care were either dismissed as being the result of patient factors and issues outside of medical group control, or because of the perception that disparities existed elsewhere. (e.g., in other medical groups or health systems, "but not in my medical group") This report supplies objective data and brings accountability to medical groups and clinics, allowing them to reflect on their own disparities and identify areas for improvement within their systems.

Overview of Performance Measures

This report includes 12 health care performance measures selected by DHS based on their relevance to patients enrolled in MHCP. Six of the measures were developed by MNMCM; the other 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 MNMCM measures are: Optimal Asthma Care - Children Ages 5-17; Optimal Asthma Care - Adults Ages 18-50; Colorectal Cancer Screening; Depression Remission at Six Months; Optimal Vascular Care; and Optimal Diabetes Care. Data for these measures originate directly from medical groups and are referred to as Direct Data Submission (DDS) measures. DDS results are subject to a rigorous validation process by MNMCM. DDS performance rates are reported at a clinic level. The HEDIS measures are part of a national set of standardized performance measures originally designed for the managed care industry and adapted by MNMCM. Data for these measures originate from health plan claims databases and are supplemented with medical record reviews for some measures. HEDIS results are reported at a medical group level.

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

Measures are categorized based on the change in MHCP statewide rates between this year and last year. Three measures displayed a large increase in MHCP rates between 2013 and 2014 (Optimal Vascular Care, Optimal Asthma Care – Children Ages 5-17 and Optimal Diabetes Care); three displayed moderate increases (Optimal Asthma Care – Adults Ages 18-50, Colorectal Cancer Screening and Appropriate Treatment for Children with URI); and one displayed a small increase (Depression Remission at 6 Months). Two measures displayed small decreases in MHCP rates between 2013 and 2014 (Appropriate Testing for Children with Pharyngitis and Childhood Immunization Status (Combo 3)); and two displayed moderate decreases (Controlling High Blood Pressure and Chlamydia Screening in Women). The Breast Cancer Screening measure experienced measure specification changes this year. Due to this change, no trend data is available for this measure. There were no measures that displayed a large decrease in the MHCP rate.

Introduction

Additionally, the report features MHCP performance rates for HEDIS measures by race and Hispanic ethnicity using information self-reported by patients at the time of their MHCP enrollment. These results are reported at a statewide level. The results show differences in rates among MHCP patients by race and Hispanic ethnicity. Black or African Americans continue to have the highest rate for three measures: Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; and Chlamydia Screening in Women. This racial group however, had the lowest rate for two measures: Childhood Immunization Status (Combo 3) and Controlling High Blood Pressure. Whites continue to have the highest rate for Controlling High Blood Pressure but had the lowest rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women. Multi-Racial patients had the highest rate for two measures: Breast Cancer Screening and Childhood Immunization Status. For Breast Cancer Screening, American Indians or Alaskan Natives continue to have the lowest rate and for Appropriate Testing for Children for Pharyngitis, Asians continue to have the lowest rate.

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.^{2,3} 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 surmount technical and organizational barriers, MNMCM had a major milestone in January 2015 by publicly reporting statewide and regional DDS measures by race, Hispanic ethnicity, preferred language and country of origin in the first ever *Health Equity of Care Report*. 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 or Karen Schirle at karen.schirle@state.mn.us.

Statewide Differences between MHCP and Other Purchasers of Health Care Services

This section presents rates for the 12 measures selected by DHS for this report. Measures with specification changes in 2014 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 2013. Additionally, clinic performance highlights are included for six measures: Optimal Asthma Care - Children Ages 5-17, Optimal Asthma Care - Adults Ages 18-50, Colorectal Cancer Screening, Depression Remission at Six Months, Optimal Vascular Care and Optimal Diabetes Care.

Finally, medical group performance over time is reported with an analysis of medical group purchaser rate differences. **Please note** that the Breast Cancer Screening measure is not included in this analysis due to measure specification changes in 2014.

Background

Please note that the significance level is defined as $p < 0.05$. See **Appendix 6** for the definition of statistical significance.

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 2013 to 2014

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)

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

For Breast Cancer Screening in 2014, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Breast Cancer Screening for MHCP patients was 63 percent; the rate for patients enrolled with Other Purchasers was 77 percent. **Table 3** displays statewide rates for each purchaser since measure implementation.

Table 3: Statewide Rates for Breast Cancer Screening

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
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.

[^] Age criterion changed to 50-74 years.

Please see the next page.

Large Increase in MHCP Rate from 2013 to 2014

Optimal Vascular Care

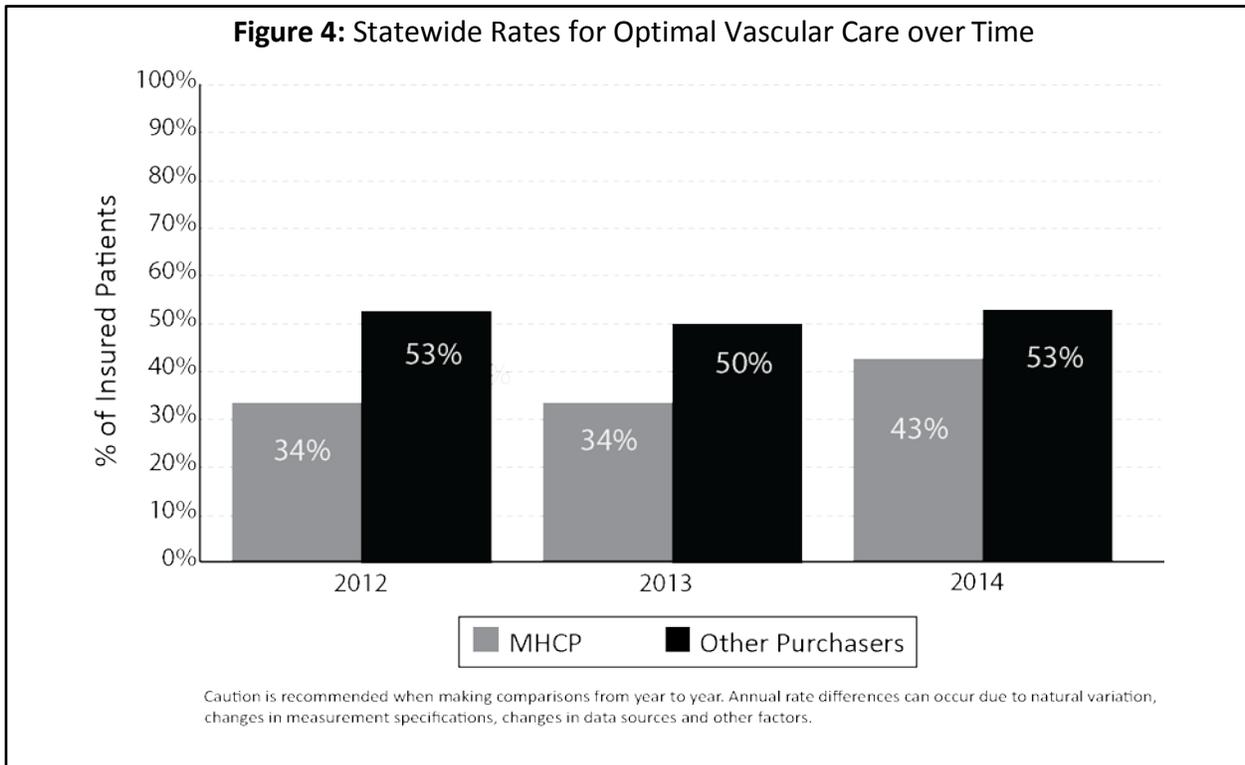
January 1, 2013 - December 31, 2013 Dates of Service

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
- LDL-C less than 100 mg/dl
- 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)

The Optimal Vascular Care rate for MHCP patients increased from 34 percent in 2013 to 43 percent in 2014, an increase of approximately nine percentage points; this increase is statistically significant. It is also notable because there was no increase in the rate for MHCP patients between 2012 and 2013 or in the rate for Other Purchasers between 2012 and 2014. See **Figure 4** for Optimal Vascular Care statewide rates for MHCP and Other Purchasers over time.



Optimal Vascular Care – *continued*

While the significant gain among MHCP vascular patients is promising, MHCP patients had significantly lower Optimal Vascular Care rates than patients enrolled with Other Purchasers. The statewide MHCP rate for optimal vascular was 43 percent while the rate for Other Purchasers was 53 percent. **Table 4** displays these rates and differences.

Table 4: Statewide Rates* for Optimal Vascular Care

Year	MHCP Rate*	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2014	42.7%	41.8% - 43.6%	12,249	53.1%	10.4%***
2013	34.2%	33.0% - 35.4%	5,798	50.5%	16.3%***
2012	34.4%	33.1% - 35.8%	4,560	53.0%	18.6%***

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

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

***Denotes a statistically significant difference.

The difference between purchasers for Optimal Vascular Care narrowed by approximately nine percentage points from 2012 to 2014, but this change is not statistically significant. All years available for comparison displayed significant gaps between purchasers, with the rate for Other Purchasers being significantly higher than the MHCP rate each year.

Optimal Asthma Care – Children Ages 5-17

July 1, 2013 - June 30, 2014 Dates of Service

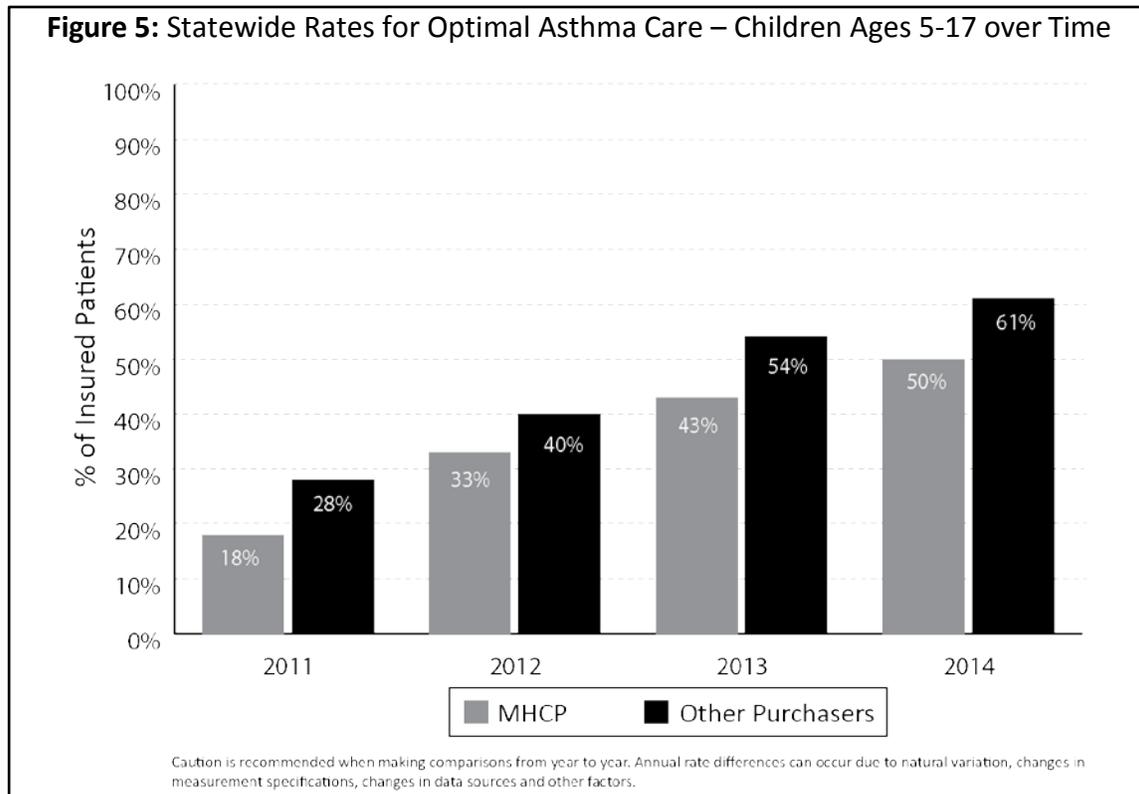
The Optimal Asthma Care measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- 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,
- Received education about his/her asthma and self-management of the condition, and received a written asthma management plan

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 Optimal Asthma Care rate for MHCP children ages 5-17 increased from 43 percent in 2013 to 50 percent in 2014, an increase of approximately seven percentage points. This increase is statistically significant. Improved rates for this population were likely due to more clinics implementing a valid asthma control tool in their practice between 2013 and 2014 and are consistent with the overall increase in statewide performance rates for this measure.

Over the past four years, the Optimal Asthma Care rate has increased by 32 percentage points for MHCP children. See **Figure 5** for comparisons of statewide MHCP rates for Optimal Asthma Care for children ages 5-17 over time.



Optimal Asthma Care – Children Ages 5-17 – *continued*

As the rates for MHCP patients have increased over the past four years, so have the rates for Other Purchaser patients. MHCP children continue to have a significantly lower rate of Optimal Asthma Care than children enrolled with Other Purchasers. The Optimal Asthma Care rate for MHCP children is 50 percent; the rate for Other Purchasers is 61 percent. **Table 5** displays statewide rates for each purchaser since measure implementation.

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

Year	MHCP Rate	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2014	49.6%	48.7% - 50.5%	12,372	60.7%	11.2%***
2013	42.8%	41.9% - 43.8%	10,125	53.7%	10.9%***
2012	32.5%	31.6% - 33.5%	9,615	40.2%	7.7%***
2011	17.9%	17.0% - 18.7%	7,987	27.9%	10.0%***

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

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

***Denotes a statistically significant difference.

The difference between purchasers has remained steady at around 10 percentage points over the last four years. The widening of the gap between purchasers since 2011 has not been statistically significant.

Optimal Diabetes Care

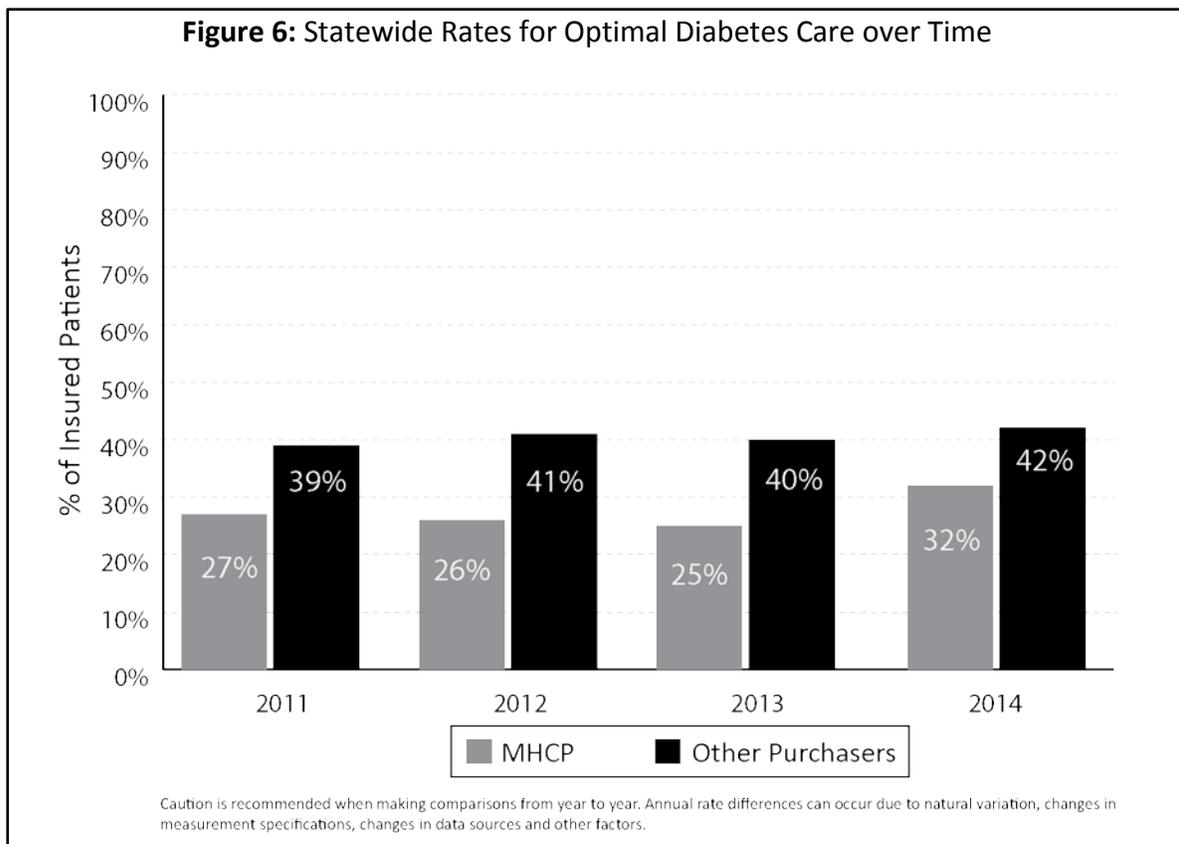
January 1, 2013 - December 31, 2013 Dates of Service

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
- LDL-C less than 100 mg/dl
- Hemoglobin A1c (HBA1c) less than 8
- Documented tobacco-free status
- Daily aspirin use for patients with a co-morbidity of Ischemic Vascular Disease (unless contraindicated)

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

The Optimal Diabetes Care rate for MHCP patients increased from 25 percent in 2013 to 32 percent in 2014; an increase of approximately seven percentage points. This increase is statistically significant. This is notable because in previous years, this rate was decreasing. It’s also notable because the MHCP rate increase was greater than the Other Purchasers’ rate increase. See **Figure 6** for MHCP and Other Purchasers rates over time.



Optimal Diabetes Care - *continued*

MHCP patients had a significantly lower Optimal Diabetes Care rate than patients enrolled with Other Purchasers. The statewide MHCP rate for Optimal Diabetes Care was 32 percent and the rate for Other Purchasers was 42 percent.

Table 6 displays statewide rates for each purchaser since measure implementation.

Table 6: Statewide Rates* for Optimal Diabetes Care

Year	MHCP Rate*	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2014	32.1%	31.6% - 32.5%	40,945	41.9%	10.1%***
2013	25.3%	24.8% - 25.9%	22,119	40.2%	14.9%***
2012	25.8%	25.2% - 26.5%	18,168	40.7%	14.9%***
2011	27.2%	26.5% - 27.9%	14,943	39.2%	12.0%***

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

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

***Denotes a statistically significant difference.

From 2013 to 2014, the difference between purchasers has decreased by approximately five percentage points. Between 2012 and 2013, the difference between purchasers remained stable at approximately 15 percentage points. All years for this measure displayed statistically significant gaps between purchasers; however, the narrowing of the gap between purchasers from 2011 to 2014 is not statistically significant.

Moderate Increase in MHCP Rate from 2013 to 2014

Optimal Asthma Care – Adults Ages 18-50

July 1, 2013 - June 30, 2014 Dates of Service

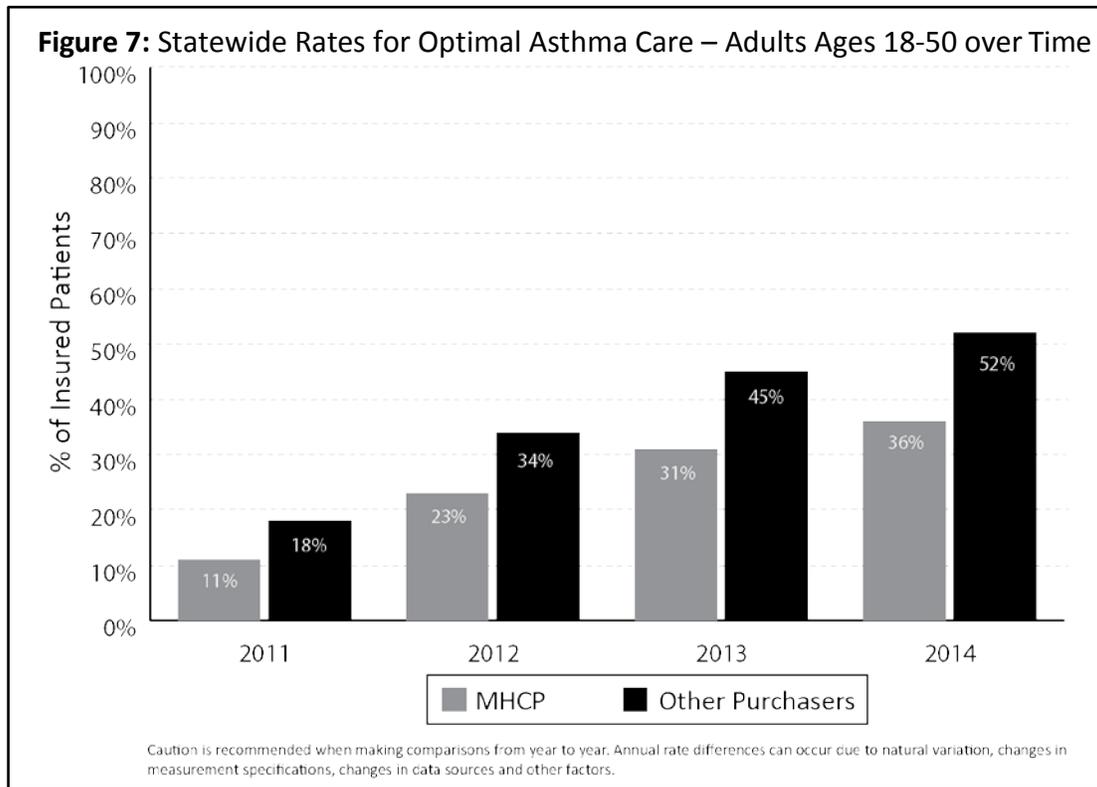
The Optimal Asthma Care measure evaluates the percentage of patients with persistent asthma who attained all of the following targets to control their asthma:

- 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,
- Received education about his/her asthma and self-management of the condition, and received a written asthma management plan

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 Optimal Asthma Care rate for MHCP adults ages 18-50 increased from 31 percent in 2013 to 36 percent in 2014, an increase of approximately five percentage points. This increase in rate was statistically significant. Improved rates for this population were likely due to more clinics implementing a valid asthma control tool in their practice between 2013 and 2014 and are consistent with the overall increases in statewide performance rates for this measure.

Over the past four years, the Optimal Asthma Care rate has increased by 25 percentage points for MHCP adults. See **Figure 7** for comparisons of statewide MHCP rates for Optimal Asthma Care for adults ages 18-50 over time.



Optimal Asthma Care – Adults Ages 18-50 - *continued*

While the Optimal Asthma Care rate for MHCP adults is still increasing, there remains a significant gap between their rate and adults insured by Other Purchasers. The Other Purchaser rate continues to have a greater rate increase than the MHCP rate. The statewide MHCP rate for Optimal Asthma Care – Adults Ages 18-50 was 36 percent and the rate for Other Purchasers was 52 percent. **Table 7** displays statewide rates for each purchaser since measure implementation.

Table 7: Statewide Rates* for Optimal Asthma Care – Adults Ages 18-50

Year	MHCP Rate	MHCP CI (U/L)**	Denominator (Patients Sampled)	Other Purchaser Rate*	Difference (Other-MHCP)
2014	35.9%	35.1% - 36.7%	12,491	52.0%	16.1%***
2013	31.4%	30.5% - 32.3%	10,151	45.2%	13.7%***
2012	23.2%	22.4% - 24.0%	10,011	33.9%	10.7%***
2011	10.6%	9.9% - 11.3%	7,715	18.1%	7.6%***

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

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

***Denotes a statistically significant difference.

The difference between purchasers has more than doubled since 2011, indicating there is growing room for improvement. The widening gap since 2011 has been statistically significant.

Colorectal Cancer Screening

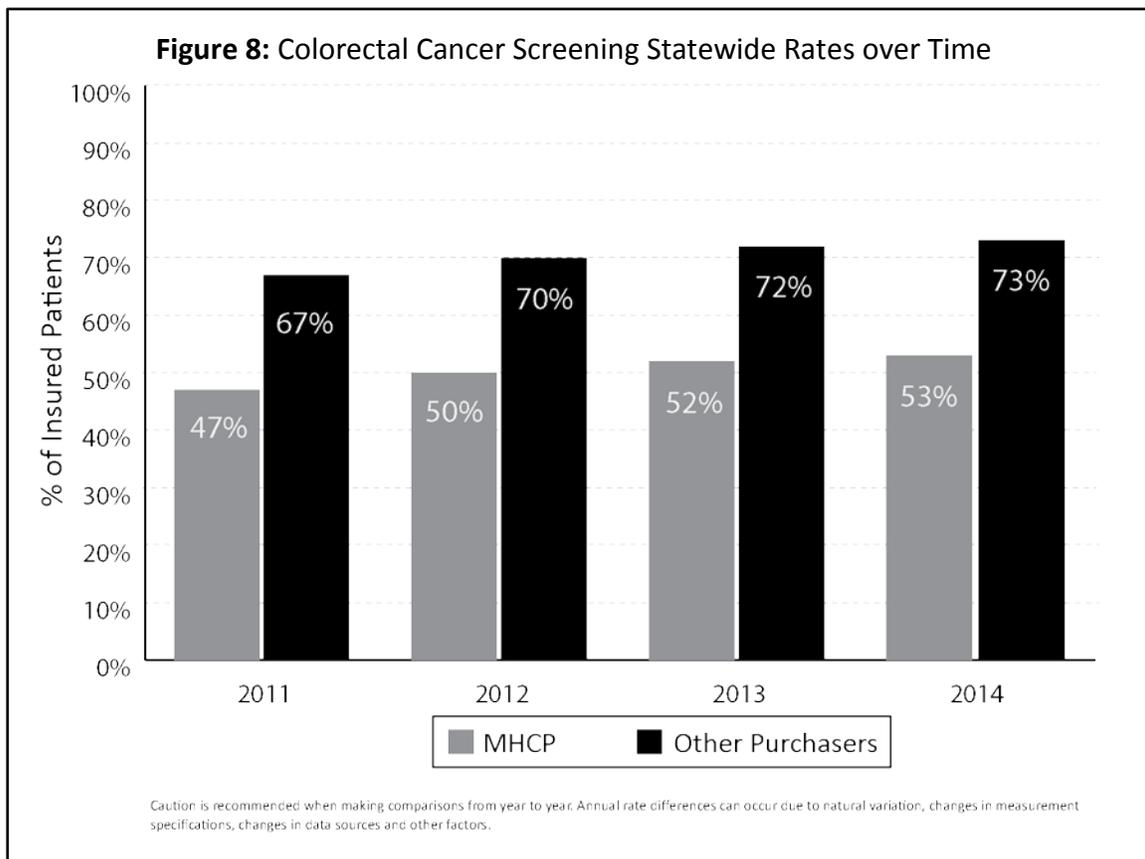
July 1, 2013 - June 30, 2014 Dates of Service

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 52 percent in 2013 to 53 percent in 2014. This increase was statistically significant. Since 2011, the rate for MHCP patients has increased by approximately six percentage points, which is statistically significant. See **Figure 8** 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 53 percent; the rate for Other Purchasers is 73 percent. **Table 8** displays statewide rates for each purchaser since measure implementation.

Table 8: Statewide Rates* for Colorectal Cancer Screening

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

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

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

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 2014, 91 percent of MHCP children with URI received appropriate treatment. This rate increased by one percentage point from 2013, 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 9** for statewide rates for MHCP and Other Purchasers over time for this measure.

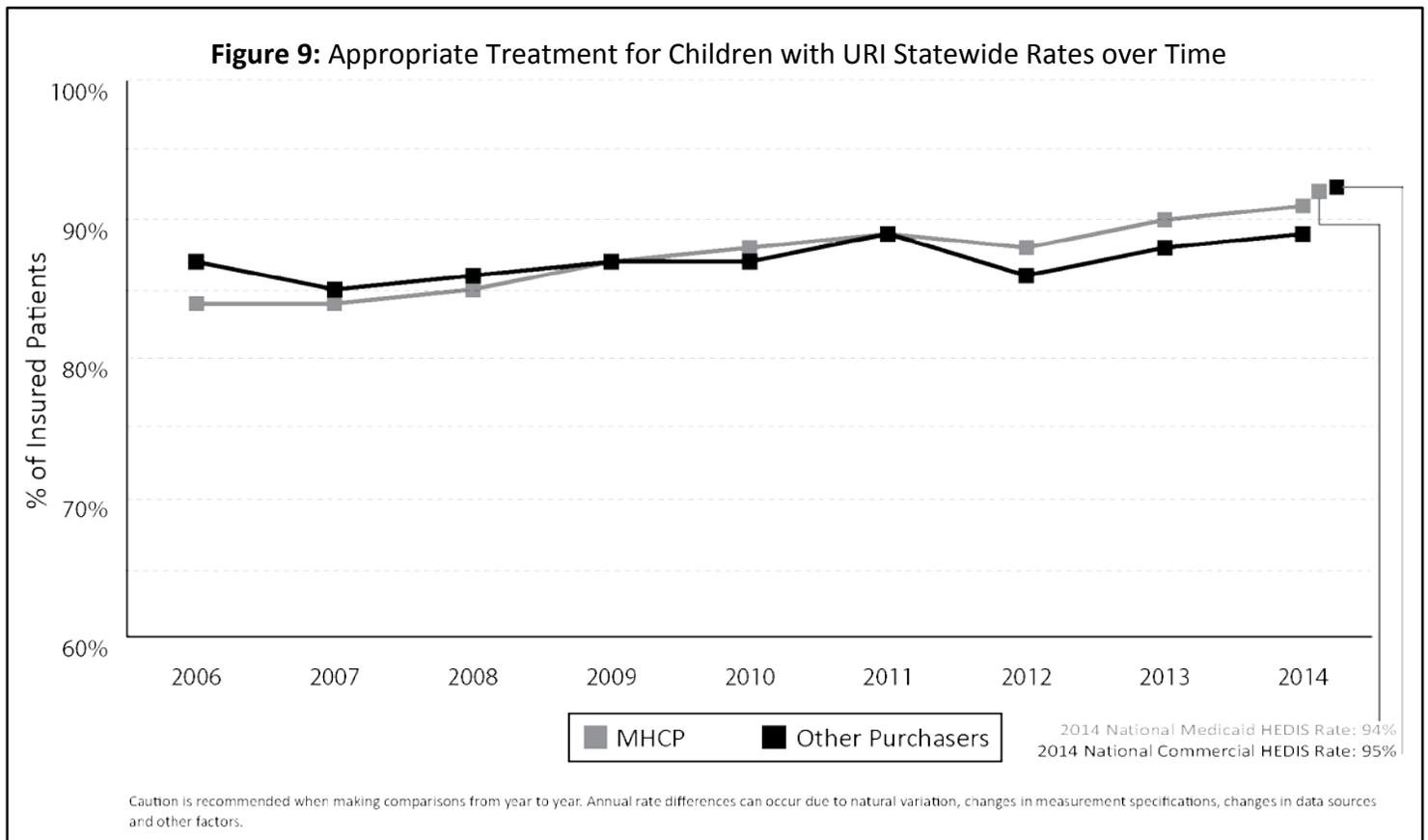


Figure 9 also displays the 2014 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP and Other Purchasers rates are both below their respective National HEDIS benchmarks. In other words, Minnesota medical groups are less successful in achieving 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 91 percent; the rate for Other Purchasers was 89 percent. **Table 9** displays statewide rates for each purchaser since measure implementation.

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

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)**
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 six of the nine years that this measure has been evaluated; only during 2009 and 2010 was the gap not significant. The difference in rates between purchasers remained relatively constant from 2013 to 2014 at two percentage points. The narrowing of the difference between Other Purchaser and MHCP rates over time is statistically significant.

Small Increase in MHCP Rate from 2013 to 2014

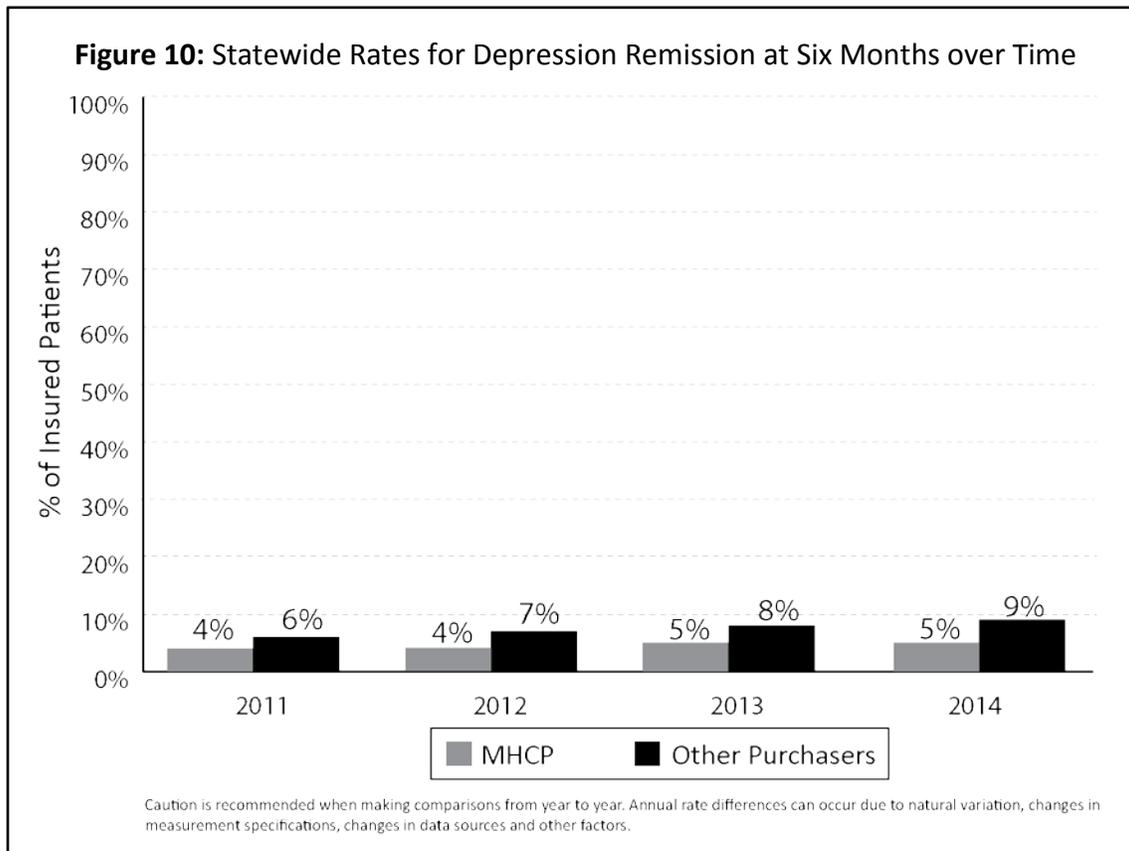
Depression Remission at Six Months

February 1, 2013 - January 31, 2014 Dates of Service

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

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

From 2013 to 2014, the percentage of MHCP patients who experienced depression remission at six months remained constant at five percent. A small increasing trend can be seen in the MHCP rate since measure implementation in 2011. See **Figure 10** below for Depression Remission at Six Months rates for MHCP and Other Purchasers over time.



Depression Remission at Six Months - *continued*

MHCP patients continue to have a significantly lower Depression Remission at Six Months rate than patients insured by Other Purchasers. The Other Purchaser rate has continued to increase at a steady one percentage point rate each year while the MHCP rate has increased at a variable rate each year. This year, the statewide MHCP rate for Depression Remission at Six Months was five percent and the rate for Other Purchasers was nine percent. **Table 10** displays statewide rates for each purchaser since measure implementation.

Table 10: Statewide Rates* for Depression Remission at Six Months

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

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

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

***Denotes a statistically significant difference.

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

Please see the next page.

Small Decrease in MHCP Rate from 2013 to 2014

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 remained relatively stable between 2013 and 2014 at approximately 87 percent; this follows a trend of stability for this rate since 2012. From 2006 to 2014, the rate increased significantly by 15 percentage points. The largest improvement was seen from 2007 to 2008 (a six percentage point increase). See **Figure 11** for MHCP and Other Purchasers rates over time for this measure.

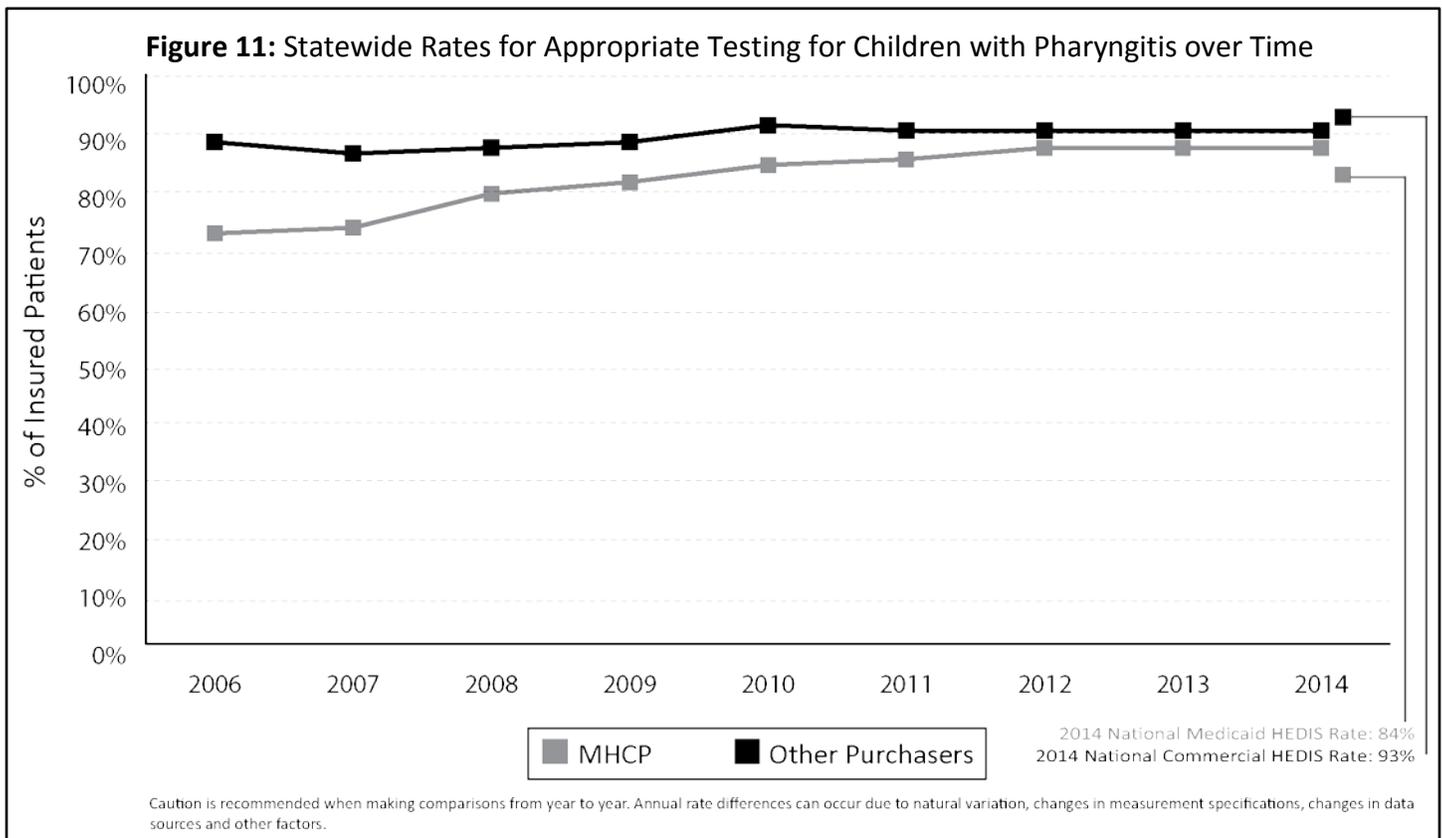


Figure 11 also displays the 2014 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide rate for patients enrolled with Other Purchasers is below the National HEDIS Commercial benchmark; however, the statewide rate for MHCP patients is well above the 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 87 percent; the rate for Other Purchasers was 90 percent. Both rates have remained constant since 2012. **Table 11** displays statewide rates for each purchaser since measure implementation.

Table 11: 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)
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.

Childhood Immunization Status (Combo 3)

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

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

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

The rate of childhood immunizations in MHCP patients decreased from 74 percent in 2013 to 73 percent in 2014; however this decrease was not statistically significant. This was the first decrease in rate since 2012; however, it was not as substantial as the rate decrease in 2011. See **Figure 12** for MHCP and Other Purchasers rates over time for this measure.

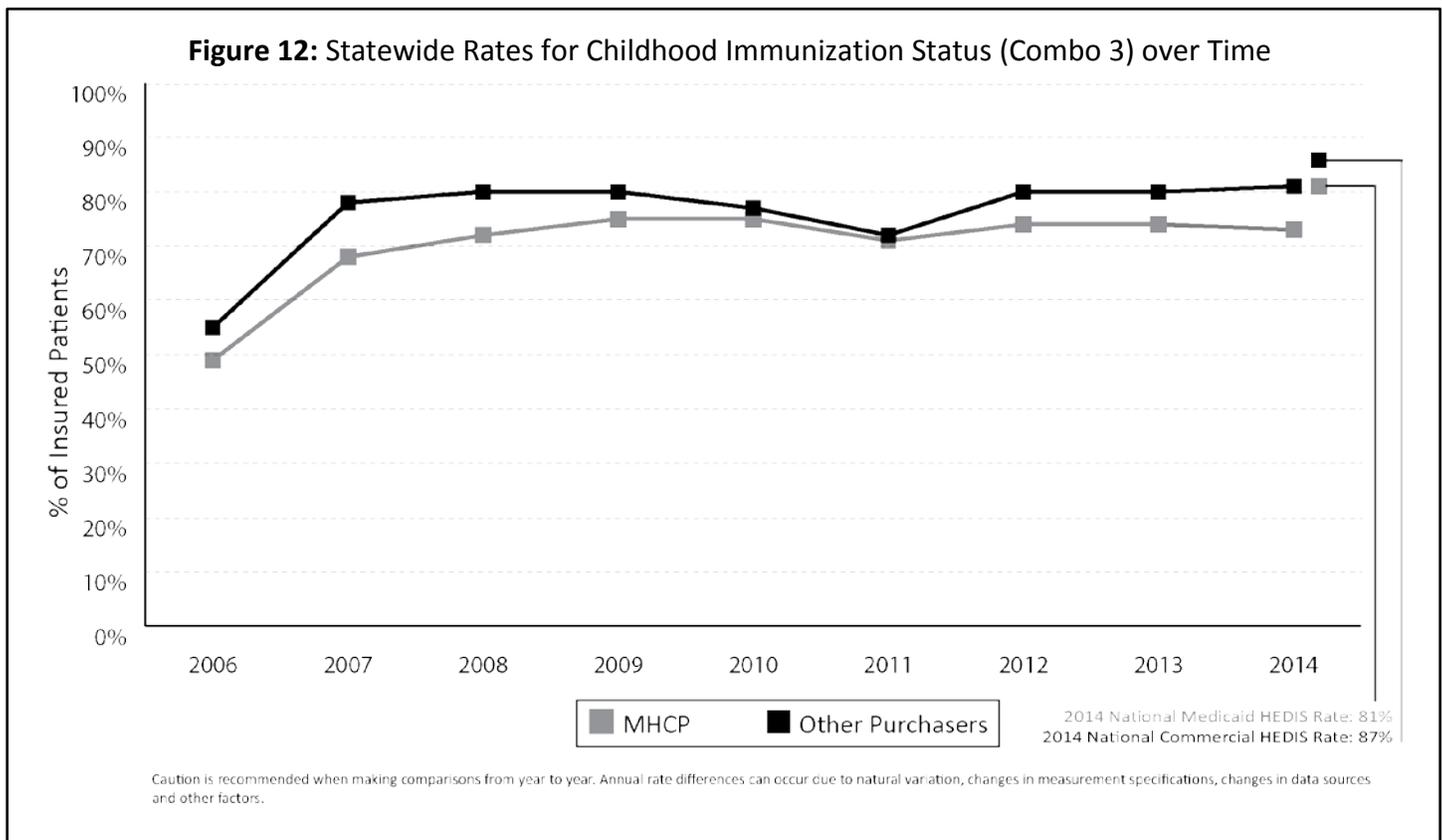


Figure 12 also includes the 2014 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide rates for both purchasers are lower than the national benchmarks. In other words, Minnesota medical groups are less successful in achieving this health care best practice with their patients, regardless of purchaser, than other medical groups nationwide.

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 73 percent; the rate for Other Purchasers was 81 percent. **Table 12** displays statewide rates for each purchaser since measure implementation.

Table 12: 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)
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.

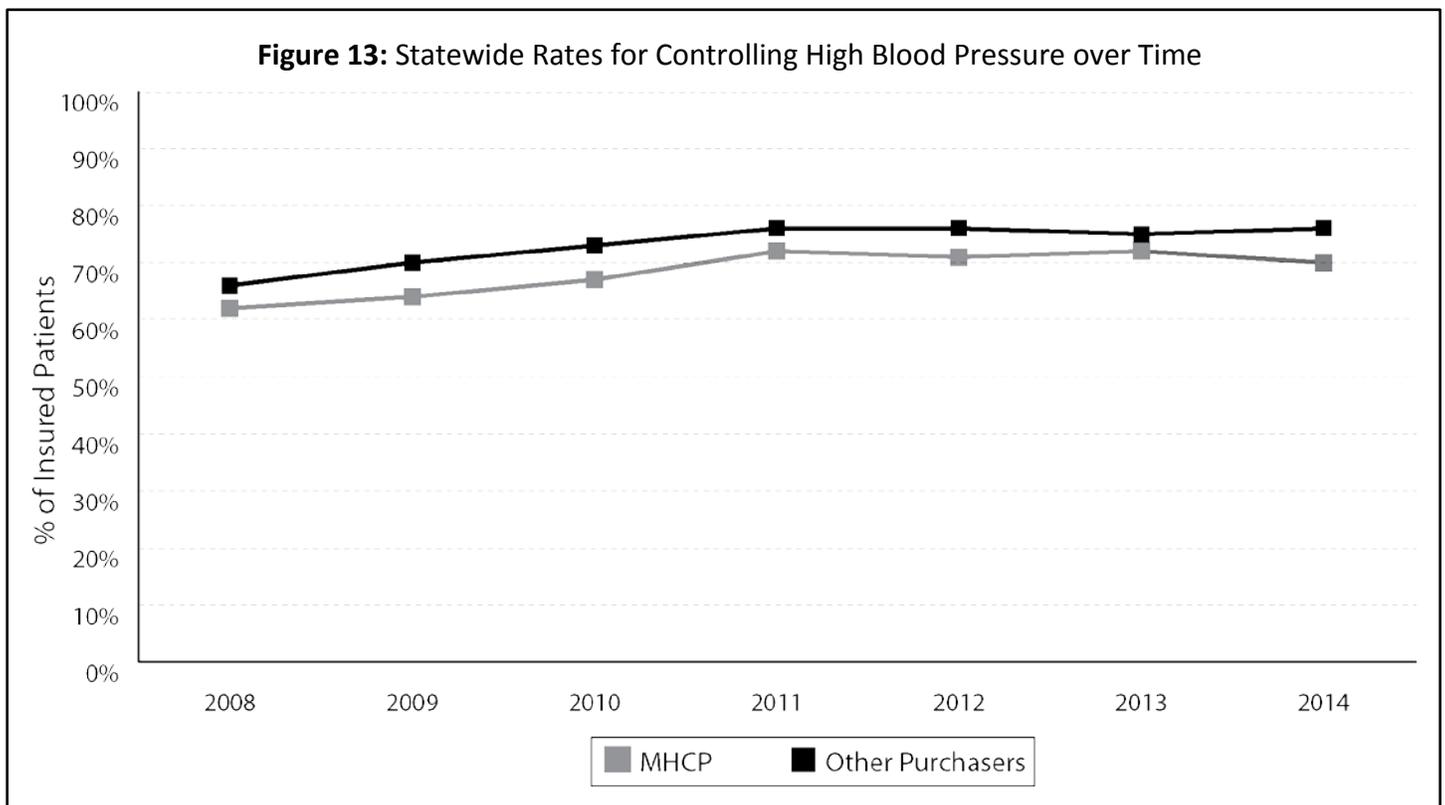
Between 2006 and 2014, the difference between purchasers for Childhood Immunization Status has widened; however, this widening has not been consistent or statistically significant over the years. From 2007 to 2011, the gap substantially narrowed. The only two years that did not have a statistically significant purchaser gap were 2010 and 2011. The gap has widened each year since 2012.

Moderate Decrease in MHCP Rate from 2013 to 2014

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 rate for MHCP patients decreased slightly from 72 percent in 2013 to 71 percent in 2014. From 2008 to 2011, the MHCP rate was on an upward trend; however since 2011 this rate has remained steady between 70 to 72 percent. See **Figure 13** for Controlling High Blood Pressure rates for MHCP and Other Purchaser rates over time.



Controlling High Blood Pressure - *continued*

For Controlling High Blood Pressure, MHCP patients had a significantly lower rate than Other Purchaser patients. Both purchaser rates have remained fairly stable since 2011. The statewide rate for Controlling High Blood Pressure for MHCP patients was 70 percent; the rate for patients insured by Other Purchasers was 76 percent. **Table 13** displays statewide rates for each purchaser since measure implementation.

Table 13: Statewide Rates for Controlling High Blood Pressure

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2014	70.0%	69.1% - 70.8%	10,636	76.2%	6.3%**
2013	71.7%	70.6% - 72.7%	7,670	75.2%	3.5%**
2012	71.0%	70.0% - 72.1%	7,221	75.5%	4.5%**
2011	71.8%	70.8% - 72.8%	7,694	75.9%	4.1%**
2010	66.9%	65.8% - 67.9%	7,522	72.6%	5.7%**
2009	63.6%	62.4% - 64.7%	6,684	69.9%	6.3%**
2008	62.2%	60.9% - 63.5%	5,385	65.8%	3.6%**

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

** Denotes a statistically significant difference.

The difference between purchasers has been variable over the years. During 2009, 2012 and 2014, the gap widened; however, it narrowed during other years. For every year of this measure, the gap between MHCP and Other Purchasers rates has been statistically significant. Overall from 2008 to 2014, the widening of the gap is not statistically significant.

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 2014, 56 percent of MHCP patients received appropriate chlamydia screening, compared to 58 percent in 2013. This decrease in rate was statistically significant. A small increasing trend can be seen in the MHCP rate since 2009, but the trend is not statistically significant. See **Figure 14** for appropriate screening rates for MHCP and Other Purchasers over time.

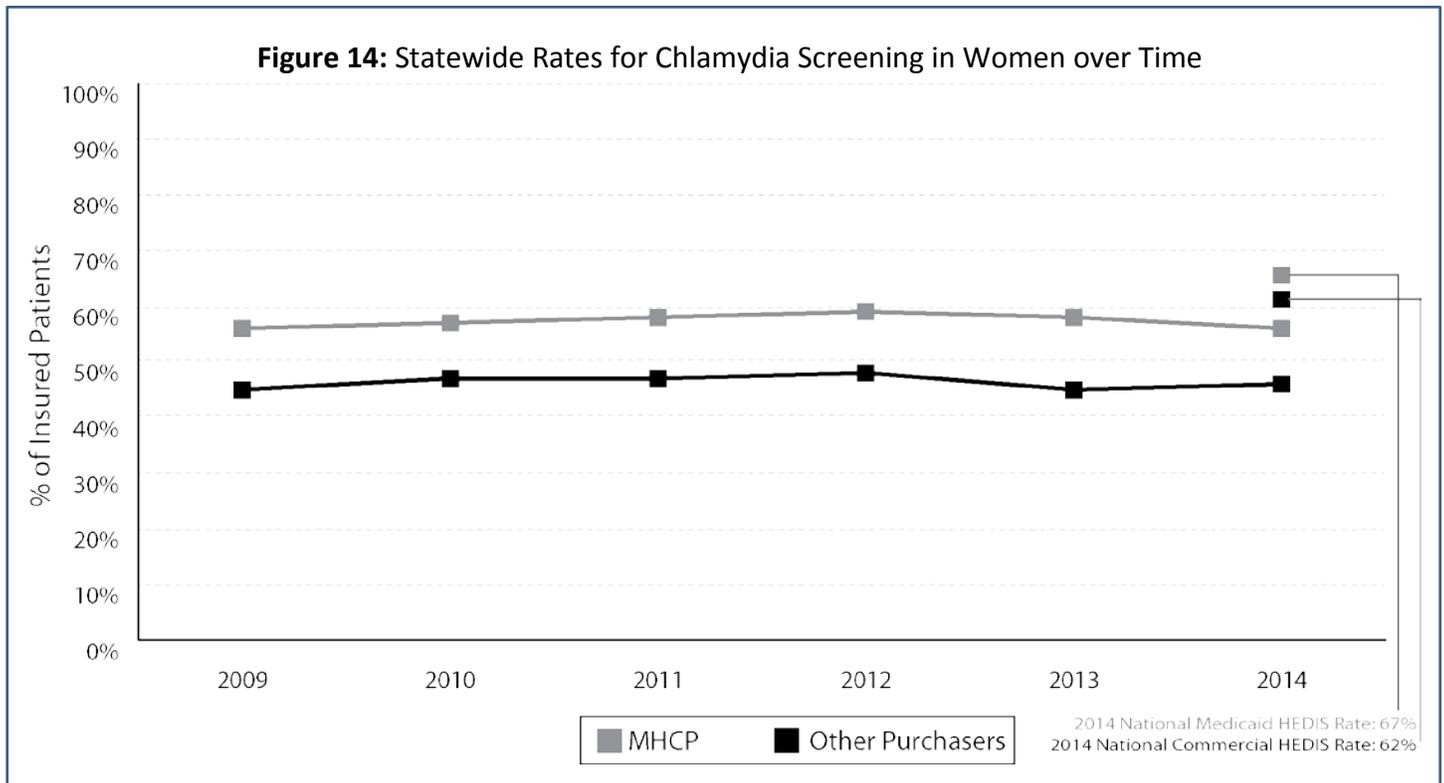


Figure 14 also includes the 2014 National HEDIS Medicaid and Commercial rates as benchmarks for apples-to-apples comparison. The statewide MHCP rate is below the 2014 National HEDIS benchmark (67 percent). The statewide Other Purchasers rate is the below the 2014 National Commercial benchmark (62 percent). In other words, Minnesota medical groups are less successful in achieving this health care best practice with their patients, regardless of purchaser, than other medical groups nationwide.

Chlamydia Screening in Women - *continued*

MHCP patients continue to have a significantly higher rate of chlamydia screening than patients enrolled with Other Purchasers. Both purchaser rates have been slightly decreasing since 2012. The MHCP statewide rate for chlamydia screening was 56 percent; the rate for Other Purchasers was 46 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)
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.

Please see the next page.

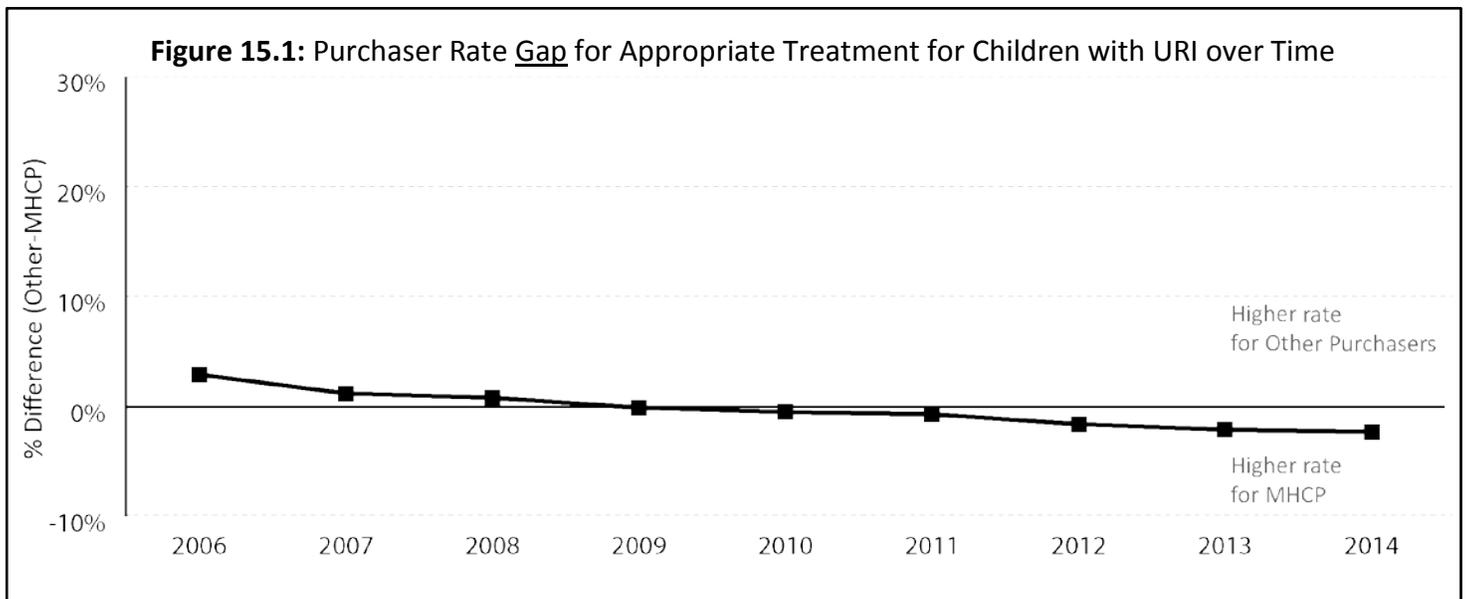
Chapter Summary

Differences between MHCP and Other Purchasers

For the 2014 report, significant differences between MHCP and Other Purchasers statewide rates were found for all 12 measures. As in the 2013 report, the largest rate difference was found in Colorectal Cancer Screening with a 20 percentage point difference between MHCP and Other Purchasers. The next largest rate difference was found in Optimal Asthma Care – Adults Ages 18-50 with a 16 percentage point difference, followed by Breast Cancer Screening also with a 16 percentage point difference. Similar to the 2013 report, the smallest rate difference was found in Appropriate Treatment for Children with URI, with a two percentage point difference between MHCP and Other Purchasers rates. Three measures showed significant change in the rate differences from the first year MNCM started publicly reporting the measure to the current year: Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; and Optimal Asthma Care – Adults Ages 18-50.

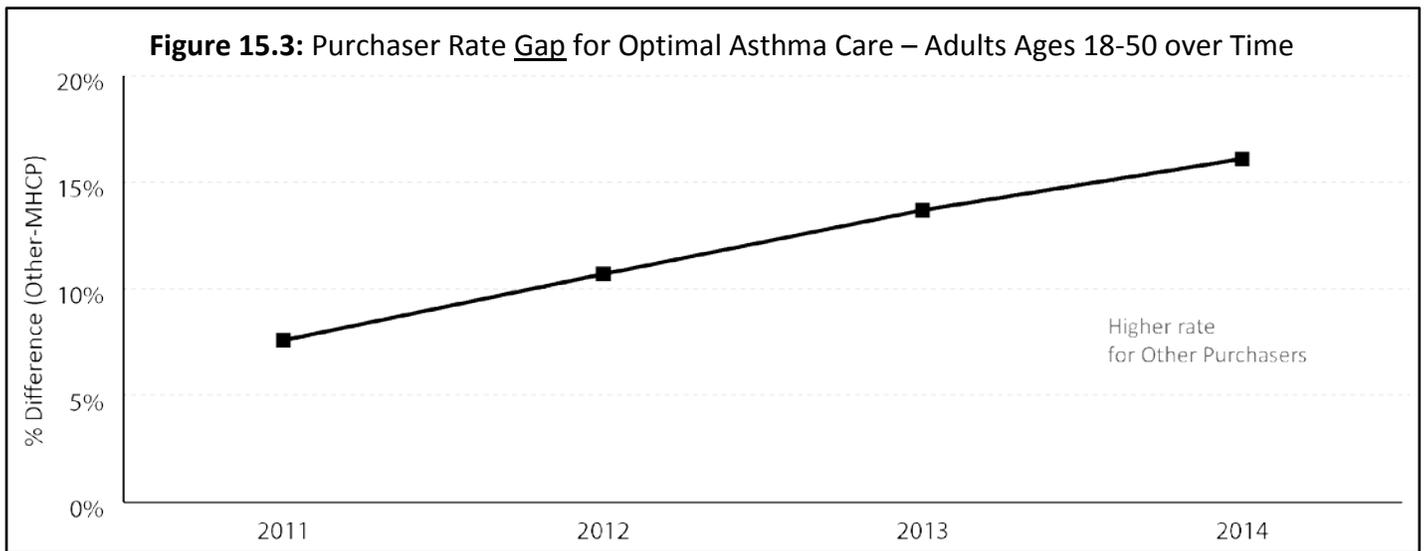
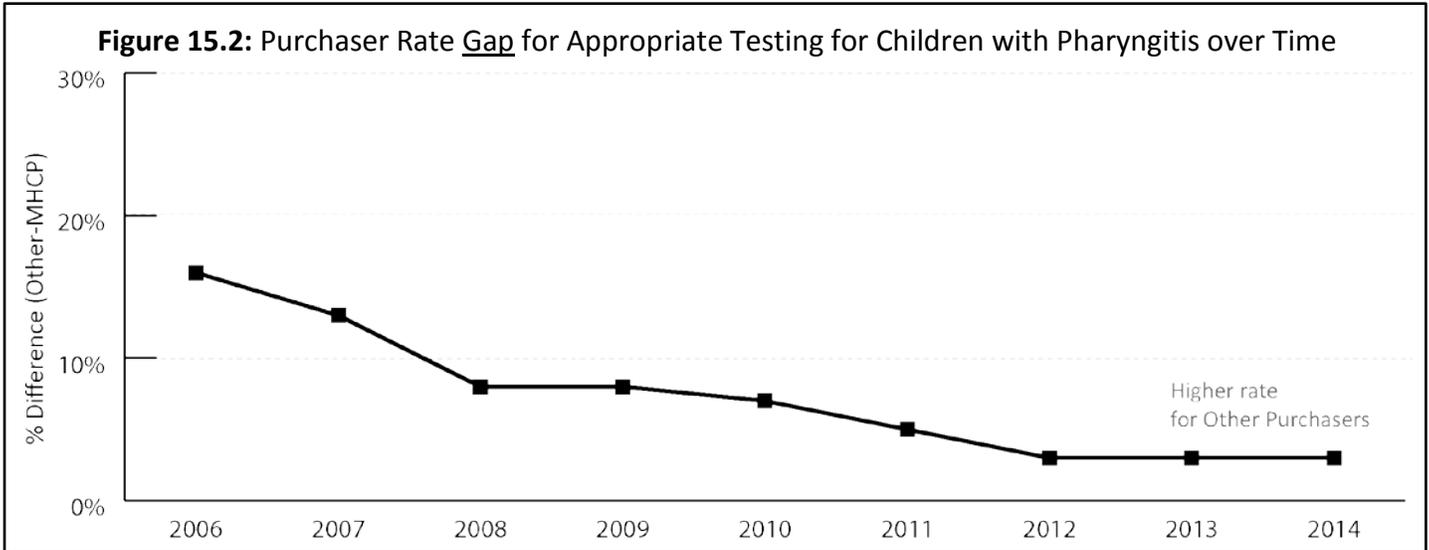
Measures were categorized based on the change in MHCP statewide rates between 2013 and 2014. In this report, the measures are arranged based on the degree of this rate change; beginning with measures that experienced large increases in their MHCP rate and ending with measures that experienced moderate decreases in their MHCP rate. There were no measures in this report that experienced large decreases in their MHCP rate between 2013 and 2014.

The differences between purchaser rates since measure implementation of the Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; and Optimal Asthma Care – Adults Ages 18-50 measures are shown in **Figures 15.1, 15.2** (see next page) and **15.3** (see next page). Two of these measures (Appropriate Treatment for Children with URI and Appropriate Testing for Children with Pharyngitis) have purchaser rate gaps that have decreased over time. For pharyngitis, the Other Purchaser patients had a higher performance rate compared to MHCP patients in the beginning of measure implementation; however, this trend shifted beginning in 2009 and since then the MHCP performance rate has surpassed the Other Purchaser rate. For URI, the Other Purchaser performance rate has continuously been above the MHCP rate since measure implementation. Both measures experienced significant drops in the difference between purchasers during the first few years of public reporting. This could be due to the increased medical staff awareness that a new measure normally receives during its early years of implementation.



Differences between MHCP and Other Purchasers

All three measures noted above have purchaser rate gaps that significantly widened from 2013 to 2014, with the largest found in Optimal Asthma Care – Adults Ages 18-50. That gap has more than doubled since measure implementation in 2011.



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

- Optimal Asthma Care - Children Ages 5-17
- Optimal Asthma Care - Adults Ages 18-50
- Colorectal Cancer Screening
- Depression Remission at Six Months
- Childhood Immunization Status (Combo 3)
- Controlling High Blood Pressure

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

Please see the next page.

Medical Group/Clinic Level Performance Results

Breast Cancer Screening by Medical Group

For the 2014 report year, 66 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 66 medical groups accounted for 11,286 of the 12,486 MHCP patients (90 percent) who were eligible for this measure statewide, and the 66 reportable medical groups accounted for 42 percent of the medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group for this measure, **Mayo Clinic Health System - Owatonna**, achieved best practice with 80 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with only 18 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Six medical groups had rates and confidence intervals greater than the statewide medical group average (67 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest.

- Mayo Clinic Health System - Owatonna
- HealthPartners Clinics
- Riverwood Aitkin Clinic
- Mayo Clinic
- Allina Specialty Clinic
- Fairview Medical Group

Largest Improvement from 2013 to 2014

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

Medical Group Performance over Time (2012 to 2014)

The age criterion for this measure was revised from 50-69 years to 50-74 years this reporting year. 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 2014 report year, 115 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 115 clinics accounted for 8,530 of the 12,307 MHCP patients (69 percent) who were eligible for this measure statewide, and the 115 reportable clinics accounted for 23 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, **Fairview Chisago Lakes Clinic**, achieved optimal care with 74 percent of their MHCP patients; while the least successful, **HealthEast Heart Care - St. Joseph's Hospital**, achieved it with only 13 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 2014

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

- | | |
|--|---|
| <ul style="list-style-type: none"> • Fairview Chisago Lakes Clinic • Entira Family Clinics - White Bear Lake/Banning Ave • Entira Family Clinics - Shoreview • Entira Family Clinics - Maplewood/Battle Creek • Stillwater Medical Group - Curve Crest Clinic • Entira Family Clinics - Highland • Entira Family Clinics - Inver Grove Heights • Allina Health - Buffalo • Fairview North Branch Clinic • Allina Health - Shakopee • Fairview Eagan Clinic • Allina Health - Faribault • Mankato Clinic - Wickersham Campus | <ul style="list-style-type: none"> • Entira Family Clinics - West St. Paul • Mankato Clinic - Main Street • Fairview CedarRidge Clinic • Fairview Andover Clinic • Fairview Fridley Clinic • Entira Family Clinics - East Side • University of Minnesota Physicians Heart - Burnsville Clinic • Fairview Princeton Clinic • Mayo Clinic - Specialty Practice • Fairview Lakes Medical Center • HealthPartners - Regions Specialty Center |
|--|---|

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Optimal Vascular Care was made by **Fairview Lakes Medical Center**, which achieved a 22 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Optimal Vascular Care by Medical Group

For the 2014 report year, 48 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 48 medical groups accounted for 11,628 of the 12,307 MHCP patients (94 percent) who were eligible for this measure statewide, and the 48 reportable medical groups accounted for 43 percent of medical groups providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

There was wide variation in the success of medical groups to achieve optimal vascular care with their MHCP patients. The variation could be due to a number of factors, some of which can be influenced by a medical group. The most successful medical group for this measure, **Entira Family Clinics**, achieved optimal care with 63 percent of their MHCP patients; while, the least successful, **Open Cities Health Center**, achieved it with only 14 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

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

- Entira Family Clinics
- Stillwater Medical Group
- Mankato Clinic, Ltd.
- Fairview Health Services
- Allina Health Clinics
- Park Nicollet Health Services
- Mayo Clinic

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Optimal Vascular Care was made by **Mankato Clinic, Ltd.**, which achieved a 27 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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

Medical Group/Clinic Level Performance Results

Optimal Asthma Care – Children Ages 5-17 by Clinic

For the 2014 report year, 100 clinics were reportable for the Optimal Asthma Care – 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 100 clinics accounted for 8,352 of the 12,609 MHCP patients (66 percent) who were eligible for this measure statewide, and the 100 reportable clinics accounted for 18 percent of clinics providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful clinic, **HealthPartners - Anoka**, achieved optimal care with 86 percent of their MHCP patients ages 5-17. There were two clinics (**Altru Health System – Main** and **Alexandria Clinic, A Service of Douglas County Hospital**) that tied for having no MHCP patients ages 5-17 who achieved optimal asthma care. A detailed table of clinic performance rates can be found in Appendix 3.

Clinics with Above Average MHCP Rates in Report Year 2014

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

- HealthPartners - Anoka
- HealthPartners - White Bear Lake
- Fairview Lino Lakes Clinic
- Park Nicollet Clinic - Bloomington
- Allina Health - Bandana Square (Aspen)
- Park Nicollet Clinic - Eagan
- Fairview Elk River Clinic
- Allina Health - Cambridge
- Fairview Lakes Medical Center
- Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg
- CentraCare Health Plaza - Pediatrics
- HealthPartners - Inver Grove Heights
- Park Nicollet Clinic - St. Louis Park 3850 Bldg.
- Fairview Children's Clinic
- Allina Health - East Lake Street (Aspen)
- Mayo Clinic Health System Faribault Hwy 60
- HealthPartners - Coon Rapids
- Fairview Ridges Clinic
- Stillwater Medical Group - Curve Crest Clinic
- HealthPartners Central Minnesota Clinics
- Mayo Clinic Health System Austin
- HealthPartners - Apple Valley
- Essentia Health - South University
- Allina Health - Coon Rapids
- Essentia Health - Duluth Clinic 1st St
- Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic
- Mayo Clinic - Baldwin Building, Pediatrics
- Children's Speciality Clinic - St. Paul
- HealthPartners - Brooklyn Center
- Olmsted Medical Center - Rochester Southeast
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic
- Children's Respiratory & Critical Care Specialists - Minneapolis
- Fairview Oxboro Clinic
- Children's Respiratory & Critical Care Specialists - St Paul
- Children's General Pediatric Clinic - Minneapolis

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Optimal Asthma Care - Children Ages 5-17 was made by **Mayo Clinic Health System Albert Lea**, which achieved a 46 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Optimal Asthma Care – Children Ages 5-17 by Medical Group

For the 2014 report year, 47 medical groups were reportable for the Optimal Asthma Care – 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 47 medical groups accounted for 11,563 of the 12,609 MHCP patients (92 percent) who were eligible for this measure statewide, and the 47 reportable medical groups accounted for 38 percent of medical groups providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

The most successful medical group for this measure, **South Lake Pediatrics**, achieved optimal care with 77 percent of their MHCP patients ages 5-17. There were three medical groups (**North Clinic**, **Altru Health System** and **Alexandria Clinic**) that tied for having no MHCP patients ages 5-17 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 2014

Fifteen medical groups had rates and confidence intervals greater than the statewide medical group average (50 percent) for MHCP patients ages 5-17. These medical groups are listed below in order of highest to lowest performance.

- South Lake Pediatrics
- Allergy & Asthma Specialists, PA
- CentraCare Health
- HealthPartners Central Minnesota Clinics
- Stillwater Medical Group
- Allina Health Clinics
- Olmsted Medical Center
- Fairview Health Services
- Children's Respiratory & Critical Care Specialists
- Park Nicollet Health Services
- HealthPartners Clinics
- Hennepin County Medical Center (HCMC) Clinics
- Essentia Health - East Region
- Mayo Clinic Health System
- Children's Hospitals and Clinics of Minnesota

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Optimal Asthma Care - Children Ages 5-17 was made by **South Lake Pediatrics**, which achieved a 49 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012-2014)

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

Medical Group/Clinic Level Performance Results

Optimal Diabetes Care by Clinic

For the 2014 report year, 317 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 317 clinics accounted for 38,342 of the 43,459 MHCP patients (88 percent) who were eligible for this measure statewide, and the 317 reportable clinics accounted for 57 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, **Northwest Family Physicians - Rogers**, achieved optimal care with 71 percent of their MHCP patients; while the least successful, **Mille Lacs Health System - Onamia**, achieved it with only 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 2014

Seventy-five clinics had rates and confidence intervals that were greater than the statewide clinic average (32 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.

- Northwest Family Physicians - Rogers
- Entira Family Clinics - Inver Grove Heights
- Entira Family Clinics - White Bear Lake - Bellaire Ave
- Entira Family Clinics - White Bear Lake/Banning Ave
- Entira Family Clinics - Maplewood/Battle Creek
- Mayo Clinic Hlth System Le Sueur
- Entira Family Clinics - W. St. Paul
- Park Nicollet Clinic - Maple Grove
- HealthEast Cottage Grove Clinic
- Northwest Family Physicians - Plymouth
- Allina Health - Uptown
- Mayo Clinic Hlth System Lake City
- Sanford Thief River Falls Clinic
- Entira Family Clinics - Shoreview
- Family Practice Medical Center of Willmar
- Fairview Hiawatha Clinic
- Allina Health - Isles
- Allina Health - Woodbury
- HealthPartners - Elk River
- Fairview Oxboro Clinic
- Entira Family Clinics - N. St. Paul
- Entira Family Clinics - Como/Roseville
- Entira Family Clinics - Woodbury
- Allina Health - Chaska
- Park Nicollet Clinic - Shakopee
- Park Nicollet Clinic - Eagan
- Park Nicollet Clinic - Prairie Ctr
- Essentia Health - Aurora Clinic
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- France Avenue Family Physicians - MHN
- Mayo Clinic Hlth System St. James
- Entira Family Clinics - Highland
- Fairview Milaca Clinic
- Allina Health - Chanhassen (Quello)
- Entira Family Clinics - East Side
- Allina Health - Cottage Grove
- CentraCare River Campus - Internal Medicine
- HealthPartners - Ctr for Internatl Hlth
- Allina Health - Buffalo
- Allina Health - Inver Grove Heights (Aspen)
- Entira Family Clinics - Vadnais
- Allina Health - West St. Paul
- Allina Health - Ramsey
- Allina Health - Champlin
- Mayo Clinic Health System Mankato Eastridge
- HealthEast Midway Clinic
- Fairview CedarRidge Clinic
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Park Nicollet Clinic - Burnsville
- Affiliated Community Med. Ctrs - Litchfield Cl. (East)
- Affiliated Community Med.
- Centers- Marshall Clinic
- Mayo Clinic Health System Mankato Northridge
- HealthPartners - Coon Rapids
- Park Nicollet Clinic - Bloomington
- Ridgeview Westonka Clinic
- Allina Health - Richfield
- Fairview Crosstown Clinic
- Allina Health - Centennial Lakes (Quello)
- St. Cloud Med. Grp - South - IHN
- Allina Health - Shakopee
- Multicare Associates - Fridley Medical Center
- Fairview Ridges Clinic
- HealthPartners - Brooklyn Center
- Mankato Clinic - Wickersham Campus
- Allina Hlth - Maplewood (Aspen)
- Allina Health - Bandana Square (Aspen)
- Affiliated Community Med. Centers - Willmar Clinic
- Mayo Clinic Health System Owatonna
- Park Nicollet Clinic - Brookdale
- Allina Health - Coon Rapids
- Fairview Brooklyn Park Clinic
- Stillwater Medical Group - Curve Crest Clinic
- St. Cloud Medical Grp - NW - IHN
- Allina Health - Cambridge
- Allina Health - United Medical Specialties

Medical Group/Clinic Level Performance Results

Optimal Diabetes Care by Clinic - *continued*

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Optimal Diabetes Care was made by **Fairview Hiawatha Clinic**, which achieved a 26 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Optimal Diabetes Care by Medical Group

For the 2014 report year, 85 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 85 medical groups accounted for 40,537 of the 43,459 MHCP patients (93 percent) who were eligible for this measure statewide, and the 85 reportable medical groups accounted for 71 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, **Northwest Family Physicians**, achieved optimal care with 54 percent of their MHCP patients, while the least successful, **Mille Lacs Health System**, 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 2014

Twelve medical groups had rates and confidence intervals greater than the statewide average (32 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Northwest Family Physicians
- Entira Family Clinics
- Family Practice Medical Center of Willmar
- France Avenue Family Physicians - Minnesota Healthcare Network
- Park Nicollet Health Services
- Allina Health Clinics
- Affiliated Community Medical Centers
- Stillwater Medical Group
- HealthPartners Clinics
- Multicare Associates
- Fairview Health Services
- Mayo Clinic Health System

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Optimal Diabetes Care was made by **Family Practice Medical Center of Willmar**, which achieved a 23 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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

Medical Group/Clinic Level Performance Results

Optimal Asthma Care – Adults Ages 18-50 by Clinic

For the 2014 report year, 126 clinics were reportable for the Optimal Asthma Care – 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 126 clinics accounted for 7,736 of the 12,537 MHCP patients (62 percent) who were eligible for this measure statewide, and the 126 reportable clinics accounted for 21 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, **Allina Health - West St. Paul**, achieved optimal care with 75 percent of their MHCP patients ages 18-50. There were six clinics that tied for having no MHCP patients ages 18-50 achieved optimal care. A detailed table of clinic level performance rates can be found in Appendix 3.

Clinics with Above Average MHCP Rates in Report Year 2014

Fifty clinics had rates and confidence intervals that were greater than the statewide average (36 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.

- Allina Health - West St. Paul
- Allina Health - Northfield
- Fairview Uptown Clinic
- Allina Health - Forest Lake
- Allina Health - Richfield
- CentraCare Clinic - Northway
- Allina Health - Centennial Lakes (Quello)
- Fairview North Branch Clinic
- Allina Health - First Street
- Allina Health - Cottage Grove
- HealthPartners Central Minnesota Clinics
- Allina Health - Coon Rapids
- Allina Health - Nicollet Mall
- Allina Health - Cambridge
- Fairview Oxboro Clinic
- Allina Health - East Lake Street (Aspen)
- Fairview Lakes Medical Center
- CentraCare Health Plaza - Family Medicine
- Fairview CedarRidge Clinic
- Park Nicollet Clinic - Bloomington
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Allina Health - Ramsey
- Allina Health - Shakopee
- Allina Health - Woodbury
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Allina Health - Buffalo
- Fairview Elk River Clinic
- HealthPartners - Brooklyn Center
- Park Nicollet Clinic - St. Louis Park Asthma and Allergy
- HealthPartners - Riverside
- Essentia Health St. Joseph's Baxter Clinic
- Allina Health - Eagan
- Allina Health - Maplewood (Aspen)
- Essentia Health - St. Mary's - Superior Clinic
- Park Nicollet Clinic - Shakopee
- Allina Health Specialties - New Ulm Medical Center
- Park Nicollet Clinic - Maple Grove
- Park Nicollet Clinic - Eagan
- Fairview Princeton Clinic
- Fairview Lino Lakes Clinic
- Fairview Fridley Clinic
- Park Nicollet Clinic - Brookdale
- Fairview Ridges Clinic
- Fairview Northeast Clinic
- Allina Health - Faribault
- HealthPartners - Maplewood
- Fairview Columbia Heights Clinic
- Olmsted Medical Center - Rochester Southeast
- Affiliated Community Medical Centers - Willmar Clinic

Medical Group/Clinic Level Performance Results

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

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Optimal Asthma Care – Adults Ages 18-50 was made by **Park Nicollet Clinic - Shakopee**, which achieved a 38 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Optimal Asthma Care – Adults Ages 18-50 by Medical Group

For the 2014 report year, 54 medical groups were reportable for the Optimal Asthma Care – 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 54 medical groups accounted for 11,782 of the 12,537 MHCP patients (94 percent) who were eligible for this measure statewide, and the 54 reportable medical groups accounted for 42 percent of medical groups providing care to MHCP patients ages 18-50 in Minnesota and surrounding areas who submitted data to MNMCM for this measure.

There was wide variation in the success of medical groups to achieve optimal asthma care with their MHCP patients ages 18-50. The variation could be due to a number of factors, some of which can be influenced by a medical group. The most successful medical group for this measure, **HealthPartners Central Minnesota Clinics**, achieved optimal care with 68 percent of their MHCP patients ages 18-50. There were eight medical groups that tied for having no MHCP patients ages 18-50 who achieved optimal asthma care. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Ten medical groups had rates and confidence intervals greater than the statewide average (36 percent) for MHCP patients ages 18-50. These medical groups are listed below in order of highest to lowest performance.

- HealthPartners Central Minnesota Clinics
- Allina Health Clinics
- CentraCare Health
- Children's Respiratory & Critical Care Specialists
- Olmsted Medical Center
- Mankato Clinic, Ltd.
- Fairview Health Services
- Park Nicollet Health Services
- Essentia Health - East Region
- HealthPartners Clinics

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Optimal Asthma Care – Adults Ages 18-50 was made by **Mankato Clinic, Ltd.**, which achieved a 32 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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

Medical Group/Clinic Level Performance Results

Colorectal Cancer Screening by Clinic

For the 2014 report year, 418 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 418 clinics accounted for 68,892 of the 79,778 MHCP patients (86 percent) who were eligible for this measure statewide, and the 418 reportable clinics accounted for 62 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, **Fairview Rogers Clinic**, achieved best practices with 82 percent of their MHCP patients; while the least successful, **Cedar Riverside People's Center - People's Center Medical Clinic**, achieved it with only three percent of their MHCP patients. A detailed table of clinic level performance rates can be found in Appendix 3.

Medical Group/Clinic Level Performance Results

Colorectal Cancer Screening by Clinic - *continued*

Clinics with Above Average MHCP Rates in Report Year 2014

One hundred twelve clinics had rates and confidence intervals greater than the statewide average (53 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.

- Fairview Rogers Clinic
- CentraCare Clinic - Becker
- CentraCare Health Plaza - Internal Medicine
- CentraCare Health - Sauk Centre
- Allina Health - Farmington
- Fairview Crosstown Clinic
- Mayo Clinic Health System Montgomery
- HealthPartners - Ctr for Internatl Hlth
- Mayo Clinic Health System Mankato Specialty Clinic
- Gundersen Health System - La Crescent Clinic
- Mayo Clinic Health System St. Peter
- Fairview Savage Clinic
- Sanford Bemidji Black Duck Clinic
- Fairview RidgeValley Clinic
- Essentia Health - Aurora Clinic
- Mayo Clinic Health System Fairmont
- Mayo Clinic Health System Faribault Hwy 60
- Lakewood Health System - Staples Clinic
- Fairview CedarRidge Clinic
- Fairview Oxboro Clinic
- Allina Health Specialties - Abbott Northwestern General Medicine Associates - Edina
- CentraCare River Campus - Internal Medicine
- CentraCare Health Plaza - Obstetrics and Women's Clinic
- Sanford Cass Lake Clinic
- HealthPartners - White Bear Lake
- Fairview Ridges Clinic
- CentraCare Clinic - Northway
- Fairview Bass Lake Clinic
- Allina Health - Sharpe Dillon Cockson & Associates PA
- Fairview Andover Clinic
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Allina Health - Hopkins (Aspen)
- Mayo Clinic Health System Mankato Eastridge
- CentraCare Health - Melrose
- Fairview Elk River Clinic
- Allina Health - North Branch
- Allina Health - Nininger Road
- Fairview Chisago Lakes Clinic
- Allina Health - Uptown
- Mankato Clinic - Main Street
- HealthPartners - Nokomis
- Allina Health - Buffalo
- Affiliated Community Medical Centers - New London Clinic
- Fairview Eagan Clinic
- Fairview Fridley Clinic
- HealthPartners - Adult & Seniors Health
- Mankato Clinic - North Mankato
- Essentia Health - Duluth Clinic 1st St
- Fairview Highland Park Clinic
- Affiliated Community Medical Centers - Marshall Clinic
- Fairview Princeton Clinic
- Fairview Hiawatha Clinic
- HealthPartners - Arden Hills
- Fairview Brooklyn Park Clinic
- Fairview Uptown Clinic
- Park Nicollet Clinic - Prairie Center
- Mayo Clinic - Kasson
- HealthPartners - Coon Rapids
- Park Nicollet Clinic - Plymouth
- Mayo Clinic Health System Mankato Northridge
- CentraCare Health - Long Prairie
- Alexandria Clinic, A Service of Douglas County Hospital
- HealthPartners - Midway
- Mayo Clinic Health System Springfield
- Affiliated Community Medical Centers - Litchfield Clinic (East)
- HealthEast Roseville Clinic
- North Memorial Clinic - Brooklyn Center Physicians
- Sanford Broadway Internal Medicine Clinic
- Mayo Clinic Health System Owatonna
- HealthPartners - West
- Allina Health - Ramsey
- HealthPartners - Inver Grove Heights
- Allina Health - Chanhassen (Quello)
- Sanford Perham Clinic
- Fairview Northeast Clinic
- Essentia Health - St. Mary's - Superior Clinic
- Allina Health - Richfield
- HealthPartners - Apple Valley
- HealthPartners - Maplewood
- Fairview Milaca Clinic
- Mayo Clinic - Baldwin Building, Family Medicine
- HealthPartners - Roseville
- Allina Health - Isles
- Essentia Health St. Joseph's - Brainerd Clinic
- HealthPartners - Andover
- HealthEast Midway Clinic
- Allina Health - Cambridge
- Sanford Bemidji Main Clinic Family Medicine
- HealthPartners - Woodbury
- HealthPartners - Hlth Ctr for Women
- Mayo Clinic Health System St. James
- Fairview Lakes Medical Center
- Mayo Clinic Health System Albert Lea
- HealthPartners - Brooklyn Center
- Buffalo Clinic - IHN
- Fairview Columbia Heights Clinic
- Allina Health - Bandana Square (Aspen)
- Mayo Clinic - Baldwin Building, Primary Care Internal Medicine
- Essentia Health - Deer River Clinic
- HealthPartners - Riverside
- Stillwater Medical Group - Curve Crest Clinic
- Allina Health - Cottage Grove
- Affiliated Community Medical Centers - Willmar Clinic
- Sanford Detroit Lakes Clinic
- Mayo Clinic Health System Red Wing
- HealthPartners - Como
- HealthPartners - Bloomington
- HealthEast Rice Street Clinic
- Essentia Health St. Joseph's Baxter Clinic
- Sanford Thief River Falls Clinic
- Allina Health - Coon Rapids
- Grand Itasca Clinic

Medical Group/Clinic Level Performance Results

Colorectal Cancer Screening by Clinic - *continued*

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Colorectal Cancer Screening was made by **Essentia Health - Wahpeton**, which achieved a 27 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Colorectal Cancer Screening by Medical Group

For the 2014 report year, 86 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 86 medical groups accounted for 71,361 of the 79,778 MHCP patients (89 percent) who are eligible for this measure statewide, and the 86 reportable medical groups accounted for 64 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, **Obstetrics and Gynecology Associates**, achieved best practice with 78 percent of their MHCP patients; while the least successful medical group, **Cedar Riverside People's Center**, achieved best practice with only three percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Eighteen medical groups had rates and confidence intervals greater than the statewide average (53 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.

- Obstetrics and Gynecology Associates
- Lakewood Health System
- Gundersen Health System
- CentraCare Health
- Alexandria Clinic
- Mankato Clinic, Ltd.
- Fairview Health Services
- Mayo Clinic Health System
- HealthPartners Clinics
- Mayo Clinic
- Stillwater Medical Group
- Affiliated Community Medical Centers
- Grand Itasca Clinic
- Essentia Health - East Region
- Allina Health Clinics
- Essentia Health - Central Region
- HealthEast Clinics
- Sanford Health - Fargo Region

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Colorectal Cancer Screening was made by **First Care Medical Services**, which achieved a 26 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012-2014)

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 2014 report year, 98 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 98 medical groups accounted for 17,939 of the 19,529 MHCP patients (92 percent) who are eligible for this measure statewide, and the 98 reportable medical groups accounted for 61 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Eight medical groups achieved optimal care with 100 percent of their MHCP patients: **NorthPoint Health And Wellness Center; United Family Medicine; Cedar Riverside People's Center; North Clinic; All About Children Pediatrics - Children's Health Network; Wayzata Children's Clinic (Affiliated With Children's Health Network); Community University Health Care Center; and Essentia Health Ada.** The least successful medical group, **7 Day Clinic**, achieved best practice with 46 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Twenty-one medical groups had rates and confidence intervals greater than the statewide medical group average (91 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.

- NorthPoint Health And Wellness Center
- United Family Medicine
- Cedar Riverside People's Center
- North Clinic
- Neighborhood Healthsource
- FirstLight Health System
- Family Practice Medical Center of Willmar
- North Memorial Clinic
- Hennepin Faculty Associates & HCMC Clinics
- West Side Community Health Services
- Minute Clinic Diagnostic, P.A
- Children's Clinic Network
- Grand Itasca Clinic
- HealthPartners Clinics
- University of Minnesota Physicians
- Allina Specialty Clinic
- HealthEast
- CentraCare Health
- Park Nicollet Clinic
- Fairview Medical Group
- Children's Health Care

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Appropriate Treatment for Children with URI was made by **Grand Itasca Clinic**, which achieved a 28 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012-2014)

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

Medical Group/Clinic Level Performance Results

Depression Remission at Six Months by Clinic

For the 2014 report year, 211 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 211 clinics accounted for 15,421 of the 19,294 MHCP patients (80 percent) who were eligible for this measure statewide, and the 211 reportable clinics accounted for 37 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, **Allina Health - Chaska**, achieved remission at six months with 22 percent of their MHCP patients. Forty 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 2014

Thirty 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.

- | | |
|---|--|
| ○ Allina Health - Chaska | ○ Allina Health - Uptown |
| ○ Allina Health - Blaine | ○ Mankato Clinic - North Mankato |
| ○ Allina Health - Shoreview | ○ Allina Health - Cottage Grove |
| ○ Essentia Health - Deer River Clinic | ○ Allina Health - Buffalo |
| ○ Park Nicollet Clinic - Eagan | ○ Allina Health - Eagan |
| ○ Allina Health - St. Michael | ○ Fairview Rogers Clinic |
| ○ Park Nicollet Clinic - Maple Grove | ○ Entira Family Clinics - Inver Grove Heights |
| ○ Allina Health - West St. Paul | ○ Allina Health - Richfield |
| ○ Mayo Clinic - Northwest | ○ Allina Health - Isles |
| ○ Entira Family Clinics - Vadnais Heights | ○ Allina Health - Coon Rapids |
| ○ Mayo Clinic - Northeast | ○ Entira Family Clinics - Maplewood/Battle Creek |
| ○ Allina Health - First Street | ○ Allina Health - Bandana Square (Aspen) |
| ○ Allina Health - Woodbury | ○ Allina Health - Cambridge |
| ○ Mayo Clinic - Kasson | ○ Allina Health - Ramsey |
| ○ Entira Family Clinics - West St. Paul | ○ Allina Health – Faribault |

Largest Improvement from 2013 to 2014

The largest clinical improvement since report year 2013 in Depression Remission at Six Months was made by **Allina Health - Blaine**, achieving a 14 percentage point increase for their MHCP patients.

Medical Group/Clinic Level Performance Results

Appropriate Testing for Children with Pharyngitis by Medical Group

For the 2014 report year, 75 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 75 medical groups accounted for 9,791 of the 11,174 MHCP patients (88 percent) who were eligible for this measure statewide, and the 75 reportable medical groups accounted for 46 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

Three medical groups achieved best practice with 100 percent of their MHCP patients: **Central Pediatrics**; **Priority Pediatrics Urgent Care**; and **Pediatric Services - Children's Health Network**. The least successful medical group, **Thao Xoua Md**, achieved best practice with none of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Twenty-one medical groups had rates and confidence intervals greater than the statewide medical group average (87 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.

- Central Pediatrics
- Priority Pediatrics Urgent Care
- Pediatric Services - Children's Health Network
- Minute Clinic Diagnostic, P.A
- Pediatric and Adolescent Services
- Multicare Associates of the Twin Cities
- Pediatric and Young Adult Medicine - Children's Health Network
- Express Healthcare
- Apple Valley Medical Clinic
- Children's Health Care
- Fridley Children's & Teenagers' Medical Ctr - CHN
- HealthPartners Clinics
- Mayo Clinic Health System - Red Wing
- Winona Health
- Target Clinic
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- Emergency Physicians
- Children's Clinic Network
- Park Nicollet Clinic
- Fairview Medical Group
- Allina Specialty Clinic

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Appropriate Testing for Children with Pharyngitis was made by **Riverwood Aitkin Clinic**, which achieved a 39 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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

Medical Group/Clinic Level Performance Results

Childhood Immunization Status (Combo 3) by Medical Group

For the 2014 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 3,127 of the 4,171 MHCP patients (75 percent) who were eligible for this measure statewide, and the 32 reportable medical groups accounted for 23 percent of medical groups providing care to MHCP patients in Minnesota identified through health plan claims data for this measure.

The most successful medical group for this measure, **Mankato Clinic, Ltd.**, achieved best practice with 92 percent of their MHCP patients; while the least successful, **St. Luke's Clinics**, achieved it with 67 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Six medical groups had rates and confidence intervals greater than the statewide medical group average (76 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Mankato Clinic
- Olmsted Medical Center
- Children's Health Care
- Affiliated Community Medical Centers
- Fairview Medical Group
- HealthPartners Clinics

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Childhood Immunization Status (Combo 3) was made by **Mankato Clinic, Ltd.**, which achieved a 25 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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 2014 report year, 62 medical groups were reportable for the Controlling High Blood Pressure 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 62 medical groups accounted for 9,348 of the 10,432 MHCP patients (90 percent) who were eligible for this measure statewide, and the 62 reportable medical groups accounted for 12 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, **Northwest Family Physicians**, achieved best practice with 88 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 45 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Nine 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.

- Northwest Family Physicians
- Entira Family Clinics
- Essentia Health - Fosston
- Stillwater Medical Group
- Allina Specialty Clinic
- Mayo Clinic Health System - Red Wing
- Essentia Health - East Region
- Park Nicollet Clinic
- Fairview Medical Group

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Controlling High Blood Pressure was made by **Hutchinson Health**, which achieved a 25 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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 2014 report year, 71 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 71 medical groups accounted for 11,946 of the 13,271 MHCP patients (90 percent) who were eligible for this measure statewide, and the 71 reportable medical groups accounted for 41 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group in this measure, **Face To Face Health & Counseling**, achieved best practice with 91 percent of their MHCP patients; while the least successful, **Avera Medical Group - Pipestone**, achieved it with only 13 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2014

Eleven medical groups had rates and confidence intervals greater than the statewide medical group average (57 percent) for MHCP patients. These medical groups are listed in order of highest to lowest performance.

- Face To Face Health & Counseling
- NorthPoint Health And Wellness Center
- Hennepin Faculty Associates & HCMC Clinics
- Planned Parenthood Of Minnesota, North Dakota, South Dakota
- HealthPartners Clinics
- United Family Medicine
- West Side Community Health Services
- University of Minnesota Physicians
- HealthEast
- Fairview Medical Group
- Allina Specialty Clinic

Largest Improvement from 2013 to 2014

The largest medical group improvement since report year 2013 in Chlamydia Screening in Women was made by **Essentia Health St. Mary's**, which achieved a 22 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2012 to 2014)

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

Please see the next page.

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

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

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 collecting and using data on the races and ethnicities of certain patient populations may build a foundation for understanding and reducing disparities.^{1,4} 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 patients. This enrollment data includes race and Hispanic ethnicity information for these patients. It is self-reported by patients at the time they enroll in MHCP. Patients are able to declare more than one race on their enrollment form.

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

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

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

- Hispanic
- Non-Hispanic
- Unknown

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

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

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

Race Descriptions[‡]

- 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.

[‡] Race and Hispanic Ethnicity definitions are from the Office of Management and Budget.

Breast Cancer Screening

Figure 16.1 shows the rates of Breast Cancer Screening by race. The Multi-Racial group had the highest rate of breast cancer screening, but this rate was not significantly above the MHCP statewide rate (63 percent). The White racial group was the only group with a rate significantly above the MHCP statewide rate at 64 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 Unknown racial group also had a rate significantly below the MHCP statewide rate at 57 percent.

Figure 16.1: Breast Cancer Screening Statewide Rates by Race

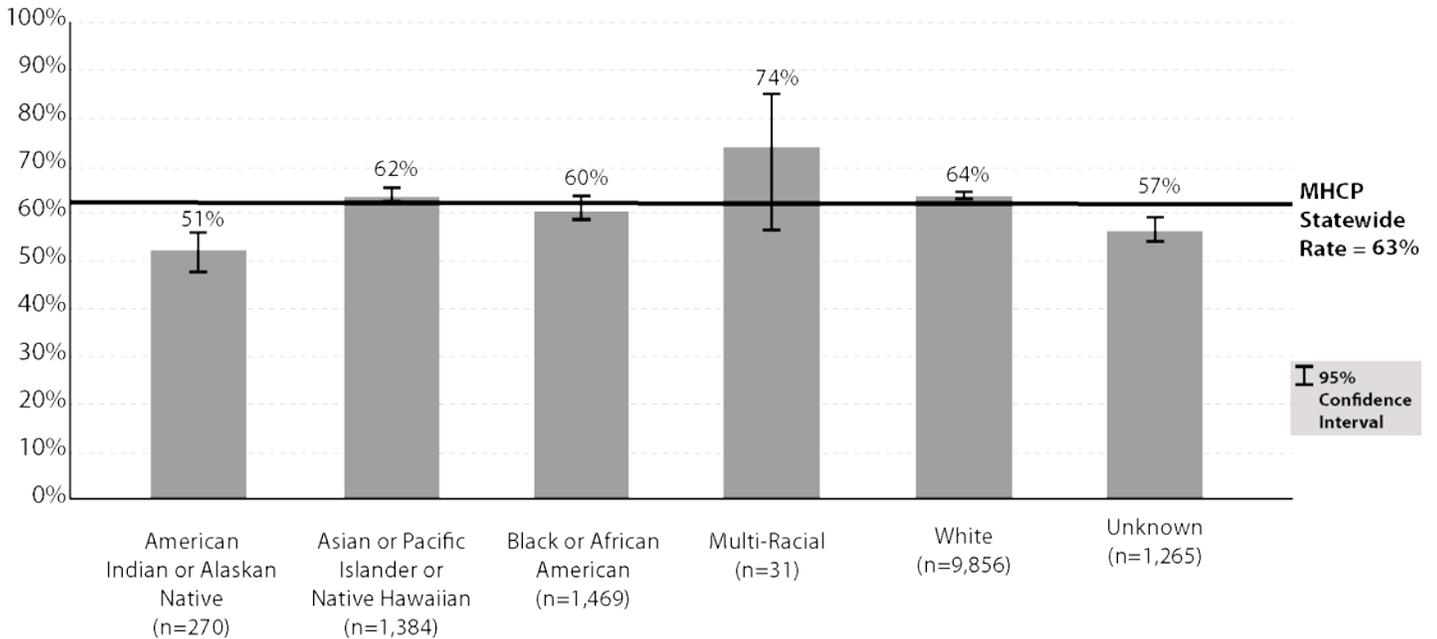
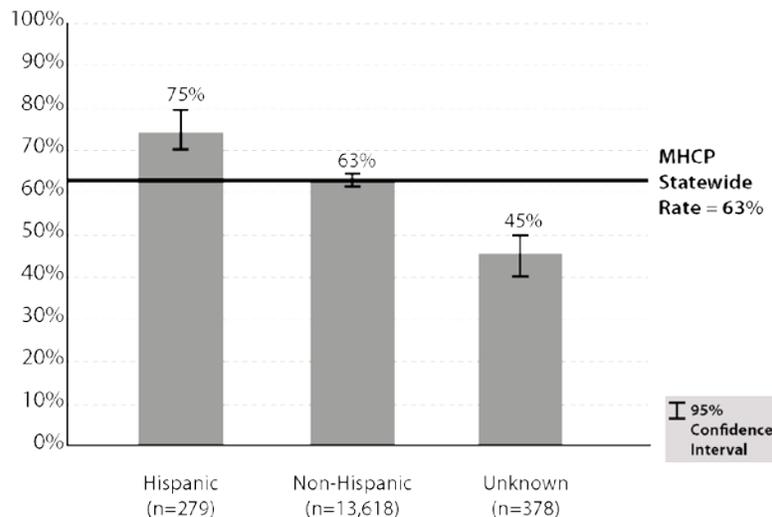


Figure 16.2 shows the rates of Breast Cancer Screening by ethnicity. Hispanics had the highest rate of breast cancer screening, and this rate was significantly above the statewide MHCP rate, the Non-Hispanic rate and the Unknown ethnicity rate. The rate for the Unknown ethnicity category was significantly below the rate for Hispanics and Non-Hispanics.

Figure 16.2: Breast Cancer Screening Statewide Rates by Hispanic Ethnicity



Appropriate Treatment for Children with URI

Figure 17.1 shows Appropriate Treatment for Children with URI rates by race. The Black or African American racial group had the highest rate of appropriate treatment for children with URI (95 percent), and this rate was significantly above the MHCP statewide rate (91 percent). The American Indian or Alaskan Native racial group was the only other group with a rate significantly above the MHCP statewide rate. The White racial group continued to have a performance rate (87 percent) significantly below the statewide MHCP rate.

Figure 17.1: Appropriate Treatment for Children with URI Statewide Rates by Race

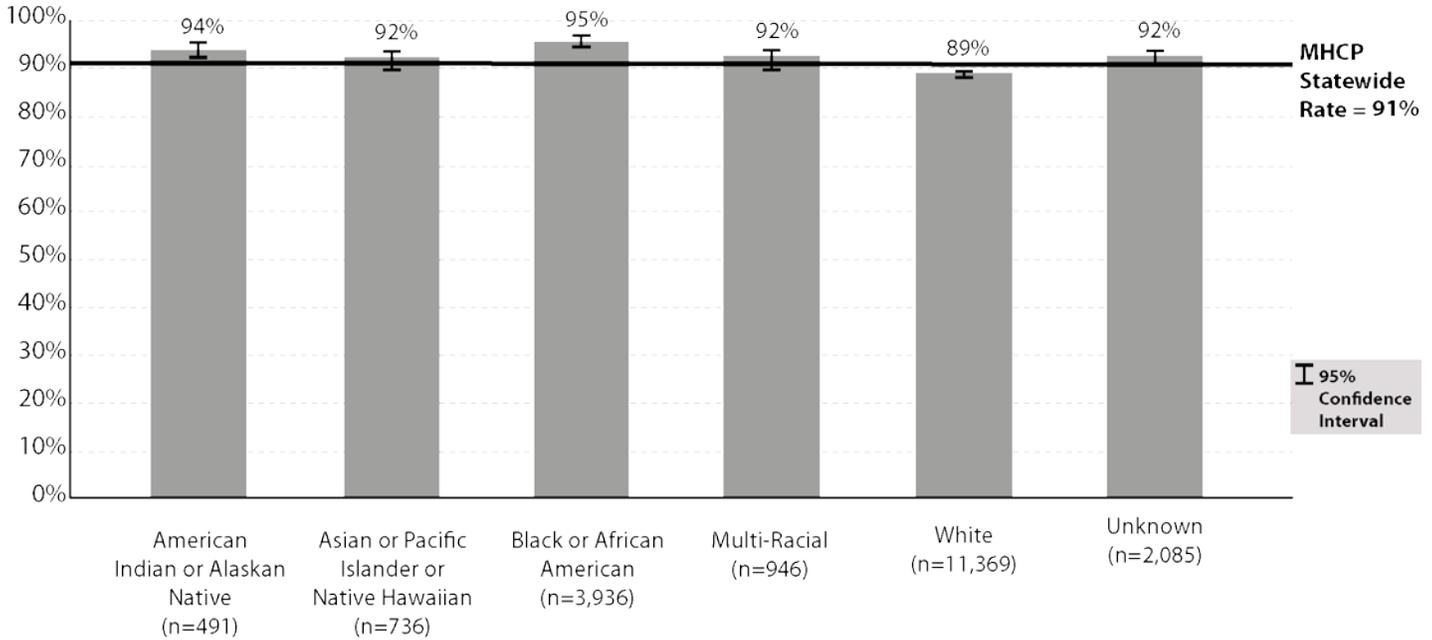
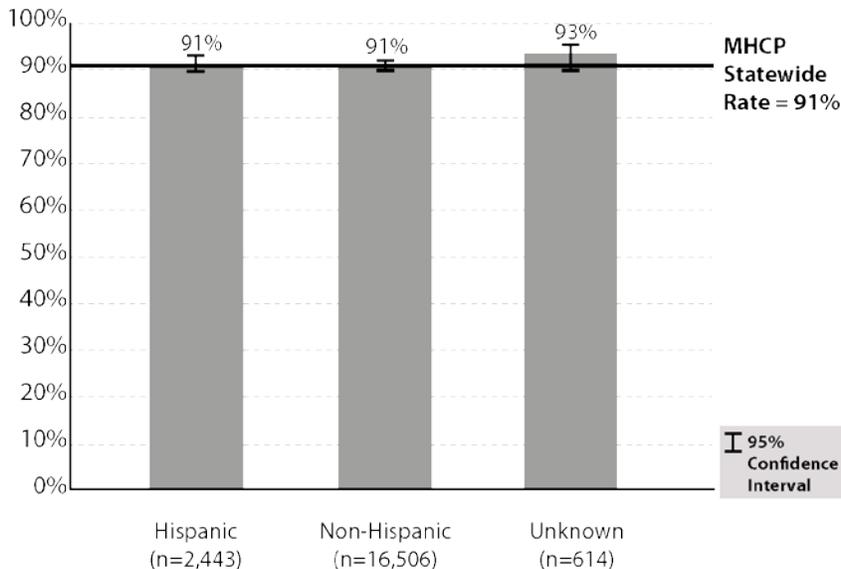


Figure 17.2 shows Appropriate Treatment for Children with URI rates by Hispanic ethnicity. The Unknown ethnicity category has the highest rate of appropriate treatment, but the rate was not significantly above the MHCP statewide rate or the other ethnic categories. Both Hispanics and Non-Hispanics had the lowest performance rate at 91 percent, but neither was significantly below the MHCP statewide rate.

Figure 17.2: Appropriate Treatment for Children with URI Statewide Rates by Hispanic Ethnicity



Appropriate Testing for Children with Pharyngitis

Figure 18.1 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 (87 percent). The only other racial group with a performance rate significantly above the MHCP statewide rate was the Multi-Racial group at 90 percent. 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 18.1: Appropriate Testing for Children with Pharyngitis Statewide Rates by Race

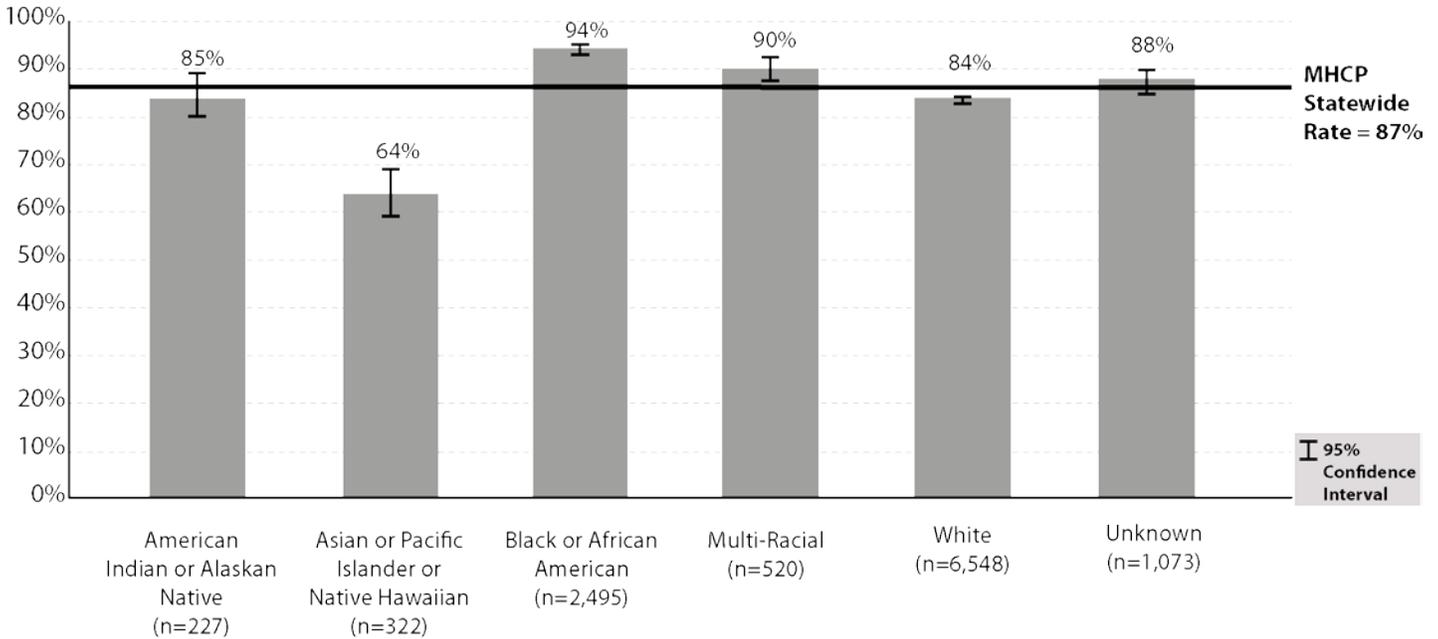
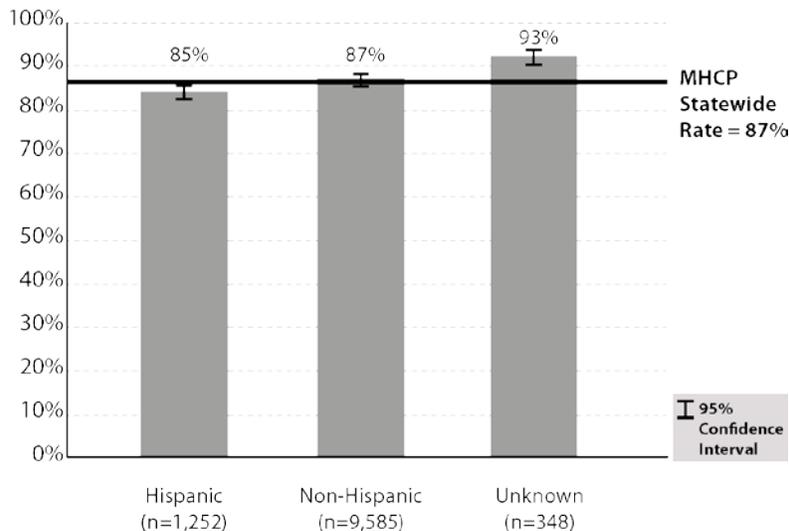


Figure 18.2 shows the rates of Appropriate Testing for Children with Pharyngitis by Hispanic ethnicity. The Unknown ethnicity category had a performance rate significantly above the statewide MHCP rate, and the rates for Hispanics and Non-Hispanics. The rate for Hispanics was the lowest performance rate, and it was significantly below the MHCP statewide rate.

Figure 18.2: Appropriate Testing for Children with Pharyngitis Statewide Rates by Hispanic Ethnicity



Childhood Immunization Status (Combo 3)

Figure 19.1 shows Childhood Immunization Status (Combo 3) by race. The Multi-Racial group had the highest rate of childhood immunizations, but this rate was not significantly above the MHCP statewide rate (74 percent). The only racial group that had a rate significantly above the MHCP statewide rate was the White racial group at 76 percent. The Black or African American racial group had the lowest childhood immunization status rate, and this rate was significantly below the MHCP statewide rate.

Figure 19.1: Childhood Immunization Status (Combo 3) Statewide Rates by Race

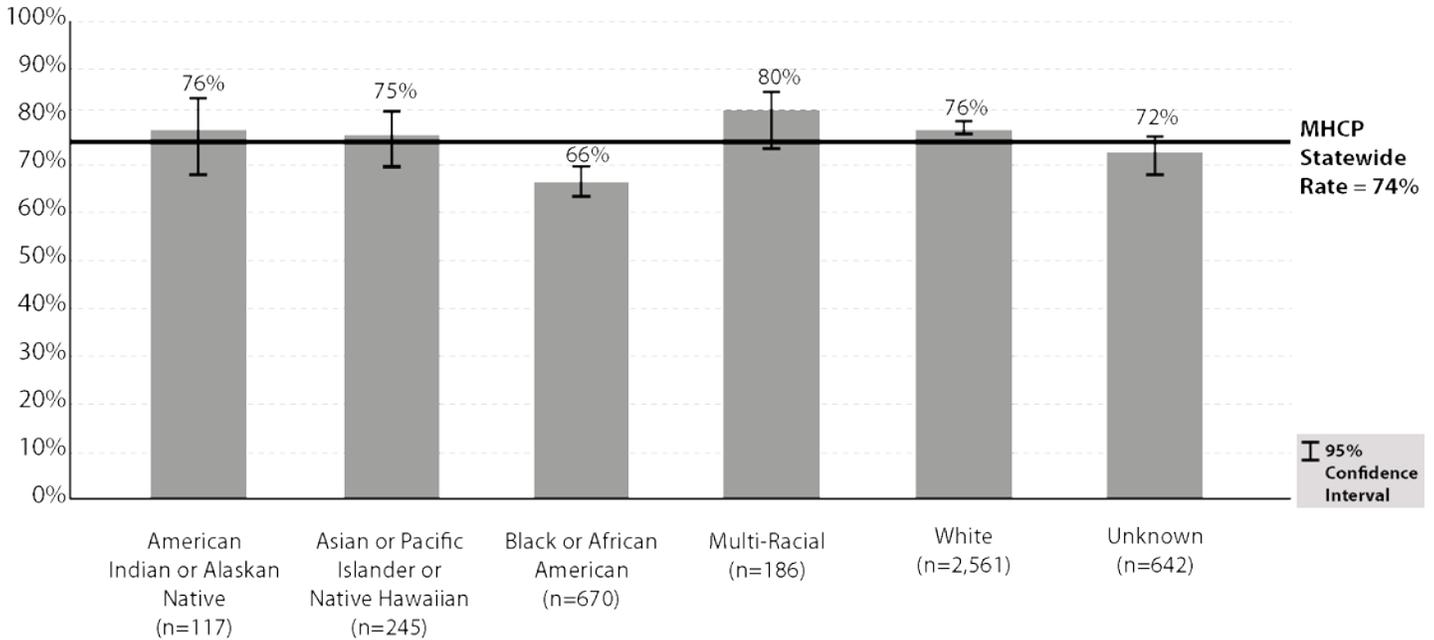
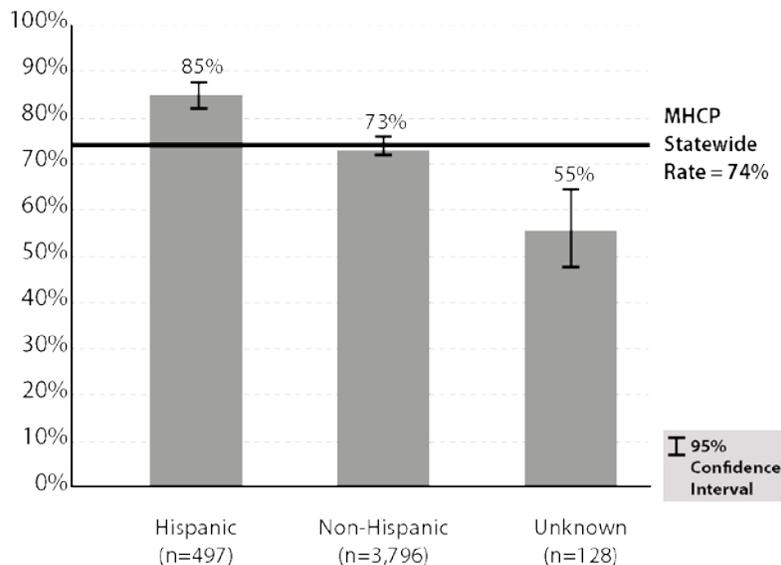


Figure 19.2 shows Childhood Immunization Status (Combo 3) rates by Hispanic ethnicity. Hispanics had the highest rate of childhood immunization status and this rate was significantly above the MHCP statewide rate, as well as rate for Non-Hispanics and the Unknown ethnic group. The rate for Hispanics was the only rate significantly higher than the statewide MHCP rate.

Figure 19.2: Childhood Immunization Status (Combo 3) Statewide Rates by Hispanic Ethnicity



Controlling High Blood Pressure

Figure 20.1 shows the Controlling High Blood Pressure rates by race. The White racial group had the highest rate (73 percent), and this rate was significantly above the MHCP statewide rate (70 percent). The Black or African American racial group had the lowest rate, and it was the only racial group with a rate significantly below the MHCP statewide rate.

Figure 20.1: Controlling High Blood Pressure Statewide Rates by Race

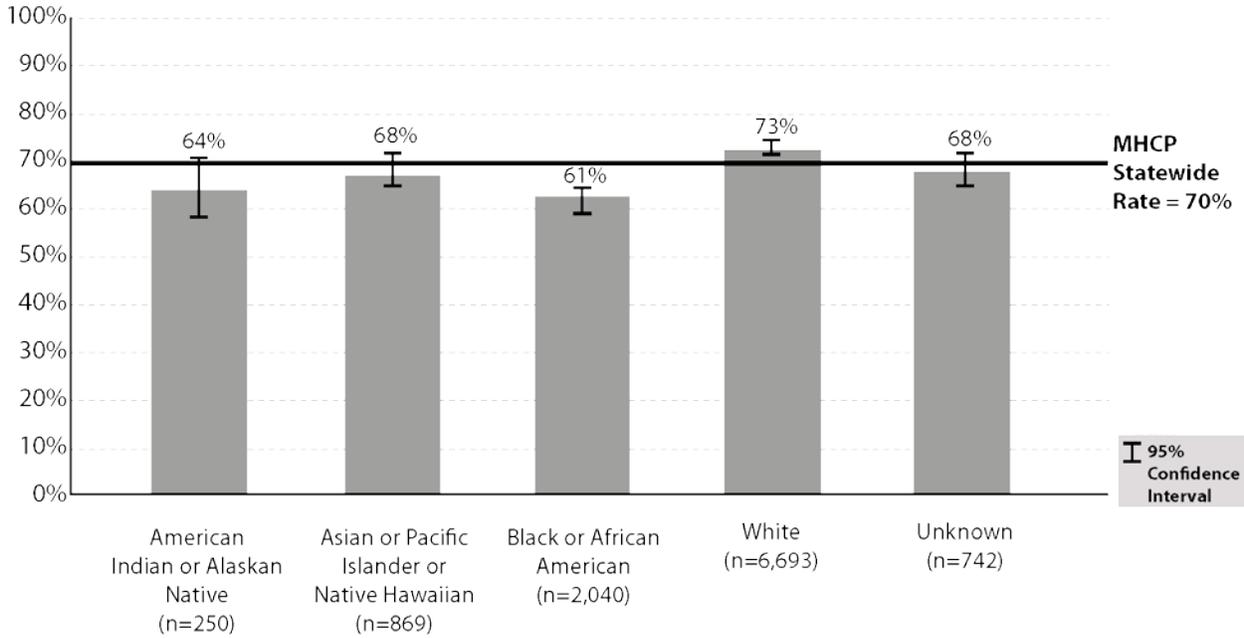
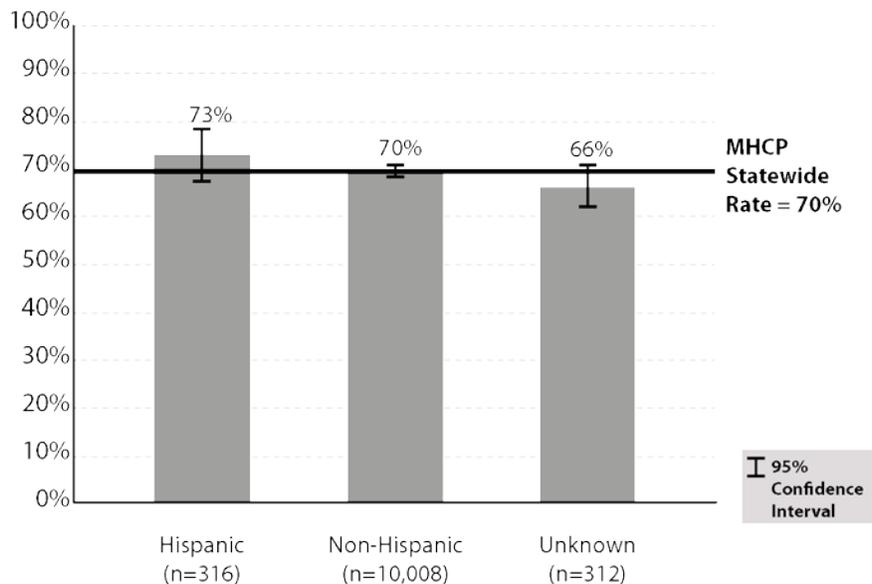


Figure 20.2 shows the rates of Controlling High Blood Pressure by Hispanic ethnicity. Hispanics had the highest rate of controlling high blood pressure, but this rate was not significantly above the rates of all other ethnic categories or the MHCP statewide rate. The rates for Hispanics and Non-Hispanics were not significantly different from each other.

Figure 20.2: Controlling High Blood Pressure Statewide Rates by Hispanic Ethnicity



Chlamydia Screening in Women

Figure 21.1 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 rates for all other racial groups. The Black or African American group, along with the Multi-Racial group and the American Indian or Alaskan Native, had performance rates significantly above the MHCP statewide rate (56 percent). The White and Unknown racial groups both had the lowest chlamydia screening rate at 49 percent, which in both cases were significantly below the MHCP statewide rate and the rates of all other racial groups.

Figure 21.1: Chlamydia Screening in Women Statewide Rates by Race

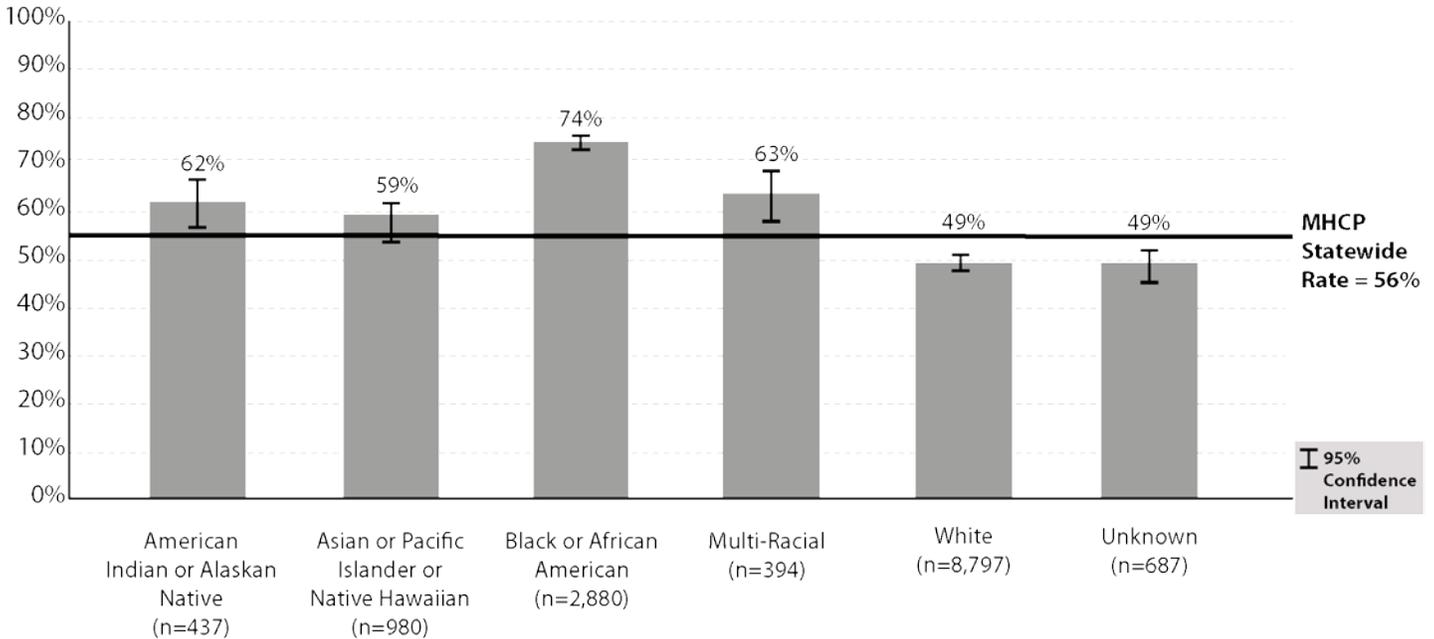
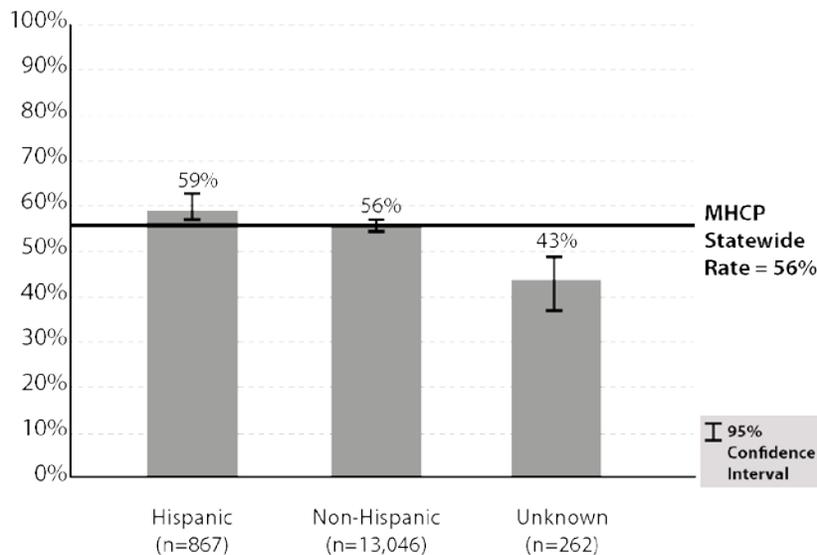


Figure 21.2 shows Chlamydia Screening in Women rates by Hispanic ethnicity. Hispanics had a higher rate of chlamydia screening compared to Non-Hispanics, but the difference was not statistically significant. The Unknown ethnic category had the lowest performance rate which was significantly below the MHCP statewide rate.

Figure 21.2: Chlamydia Screening in Women Statewide Rates by Hispanic Ethnicity



Summary of Findings by Race

Table 15 reflects the differences that exist between racial groups within the MHCP patient population. For each measure, the rates for each racial group are indicated as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined at a value of ($p < 0.05$).

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

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

Summary of Findings by Race

American Indian or Alaskan Native

The American Indian or Alaskan Native racial group had the lowest rate for one measure: Breast Cancer Screening. There was one measure (Breast Cancer Screening) where the American Indian or Alaskan Native racial group's rate was significantly lower than the MHCP statewide rate. There were two measures (Appropriate Treatment for Children with URI and Chlamydia Screening in Women) where this group's rate was significantly higher than the MHCP statewide rate. There were no measures where the American Indian or Alaskan Native racial group had the highest 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 and was part of a three-way tie for the lowest rate for the Appropriate Treatment for Children with URI measure. This racial group did not have the highest rate for any measure.

For one measure (Appropriate Testing for Children with Pharyngitis), this racial group had a performance rate significantly below the MHCP statewide rate. This racial group did not have a performance rate significantly above the MHCP statewide rate for any measure.

Black or African American

There were three measures where the Black or African American racial group had the highest rates: Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; and Chlamydia Screening in Women. There were two measures (Childhood Immunization Status (Combo 3) and Controlling High Blood Pressure) where the Black or African American racial group had the lowest rate.

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

Multi-Racial

The Multi-Racial group had the highest performance rate for two measures: Breast Cancer Screening and Childhood Immunization Status (Combo 3). This racial group was part of a three-way tie for the lowest rate for the Appropriate Treatment for Children with URI measure.

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

White

There was one measure where the White racial group had the highest rate: Controlling High Blood Pressure. The White racial group tied for the lowest rate for 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 other measures (Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; and Chlamydia Screening in Women) the White racial group had a performance rate significantly below the MHCP statewide rate.

Summary of Findings by Race - *continued*

Unknown

The Unknown racial group tied for the lowest performance rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women. For Breast Cancer Screening and Chlamydia Screening in Women, the rate for the Unknown racial group was significantly below the MHCP statewide rate. In general, the rate differences between the Unknown racial group and other racial groups were not statistically significant.

Limitations related to Race Data

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

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. 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, 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 group.

Summary of Findings by Hispanic Ethnicity

Table 16 reflects differences that exist between MHCP patients of different ethnicities for some measures. For each measure, the rates for each ethnicity group are indicated as being either significantly above, significantly below or similar to the MHCP statewide average. Statistical significance was determined at a value of (p<0.05).

Table 16: Summary of Findings by Hispanic Ethnicity Group

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

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

Hispanic

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

Non-Hispanic

There were no measures where Non-Hispanics had the highest performance rate. Non-Hispanics tied with Hispanics for the lowest rate in Appropriate Treatment for Children with URI. For all measures, Hispanics did not have a performance rate that was significantly different than the MHCP statewide rate.

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

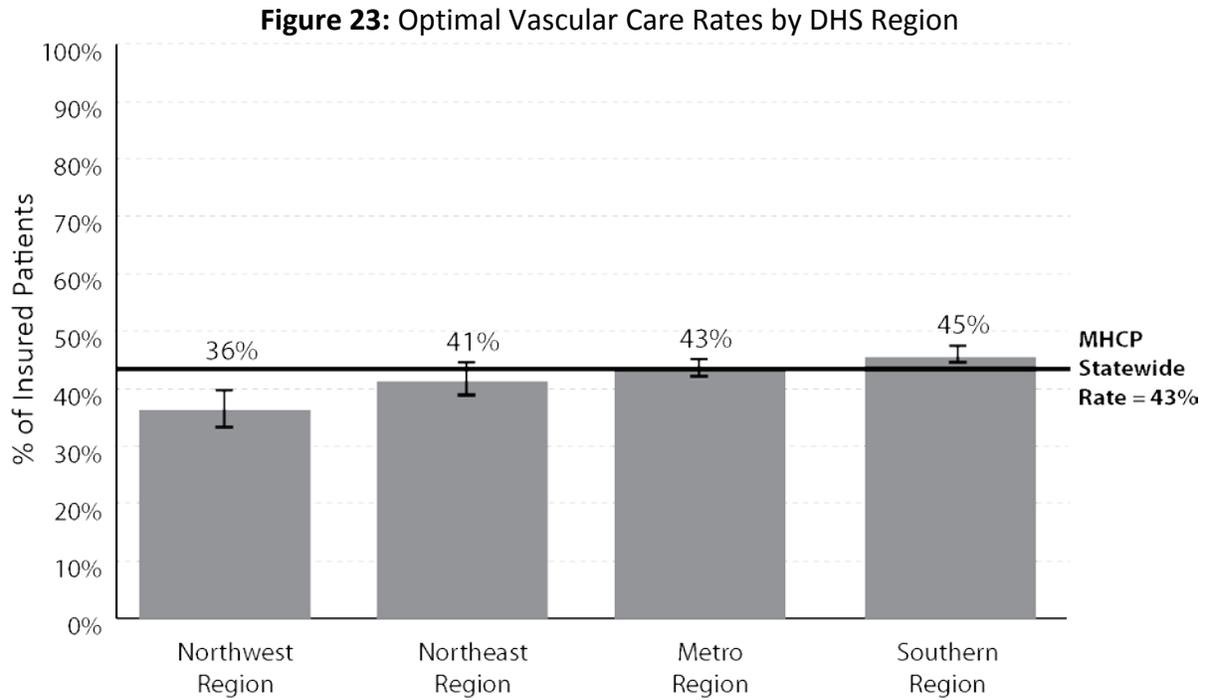
Statewide comparisons by region were conducted on the MHCP patient population using enrollment data supplied by the Minnesota Department of Human Services (DHS). DHS sends monthly enrollment data to the health plans it contracts with to provide health care services to MHCP patients. Each patient was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

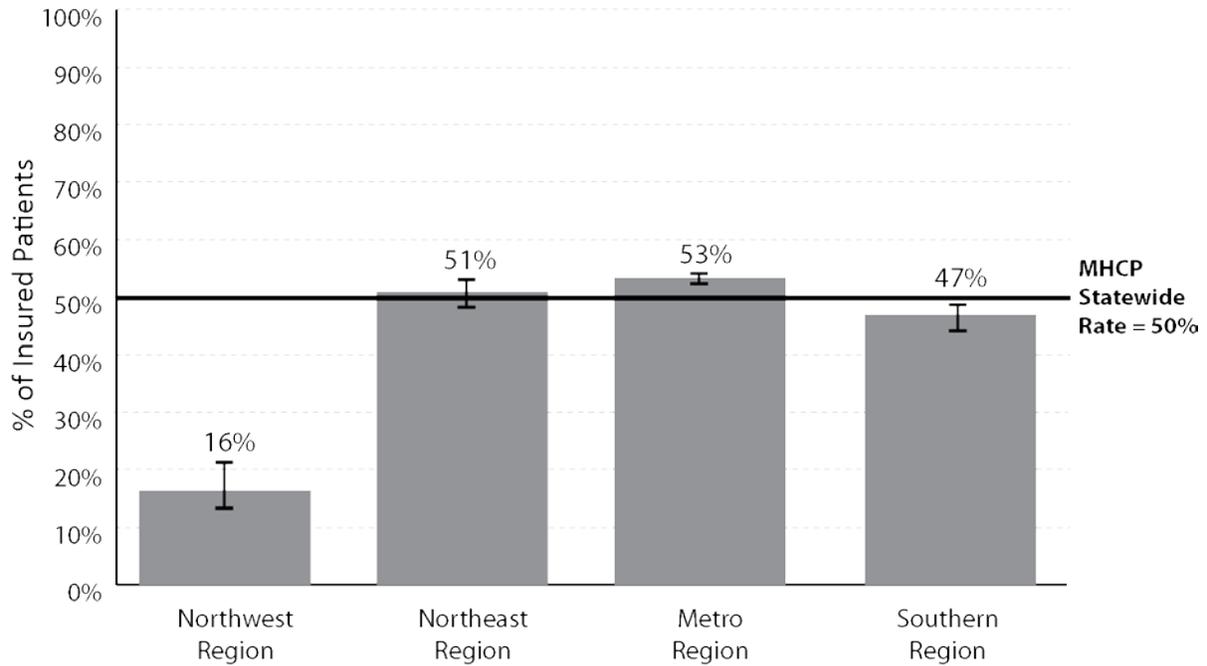
Figure 23 shows the rates of Optimal Vascular Care by DHS region. The Southern region had the highest rate of optimal care (45 percent), and this rate was significantly above the MHCP statewide rate (43 percent). The lowest rate was found in the Northwest region at 36 percent; this rate was the only rate significantly below the MHCP statewide rate.



Optimal Asthma Care – Children Ages 5-17

Figure 24 shows the rates of Optimal Asthma Care – Children Ages 5-17 by DHS region. MHCP children ages 5-17 had the highest rate of optimal care in the Metro region (53 percent); this rate was significantly above the MHCP statewide rate (50 percent). The lowest rate of optimal care for children was found in the Northwest region at 16 percent; this rate was the only rate significantly lower than the MHCP statewide rate and all other regional rates. The Southern region also had a rate for MHCP children significantly lower than the MHCP statewide rate.

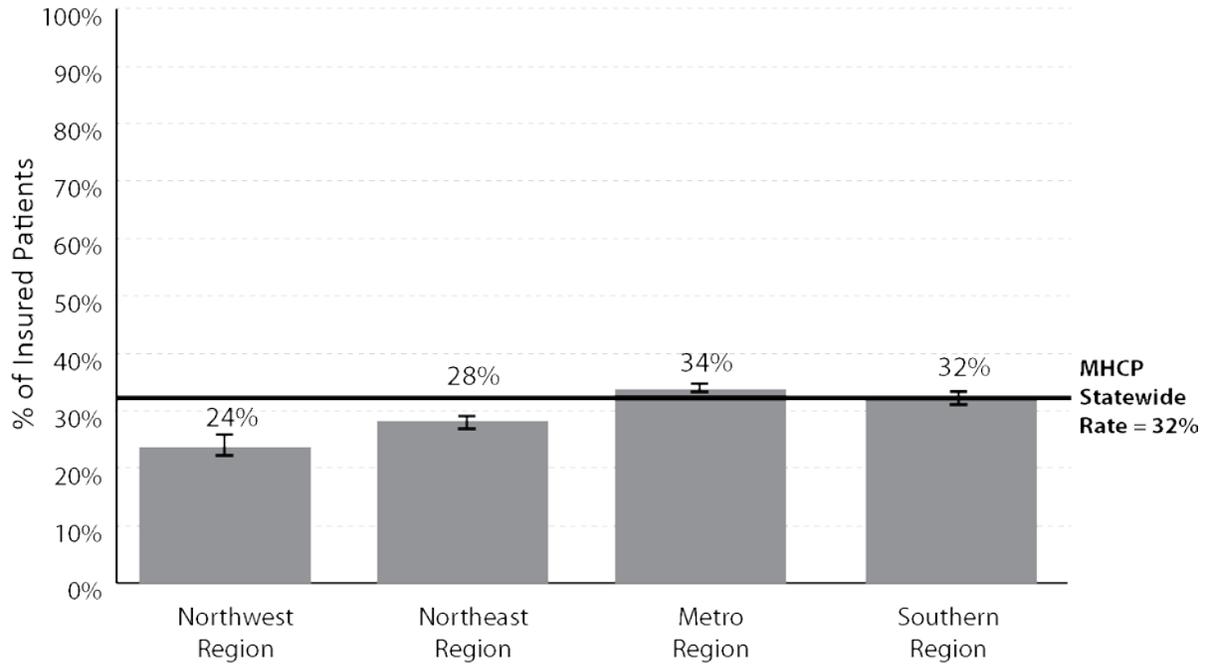
Figure 24: Optimal Asthma Care – Children Ages 5-17 Rates by DHS Region



Optimal Diabetes Care

Figure 25 shows the rates of Optimal Diabetes Care by DHS region. MHCP patients had the highest rate of optimal care in the Metro region (34 percent), and this rate was the only regional rate significantly above the MHCP statewide rate (32 percent). There were two regional rates that were significantly below the MHCP statewide rate: the Northeast region at 28 percent, and Northwest at 24 percent.

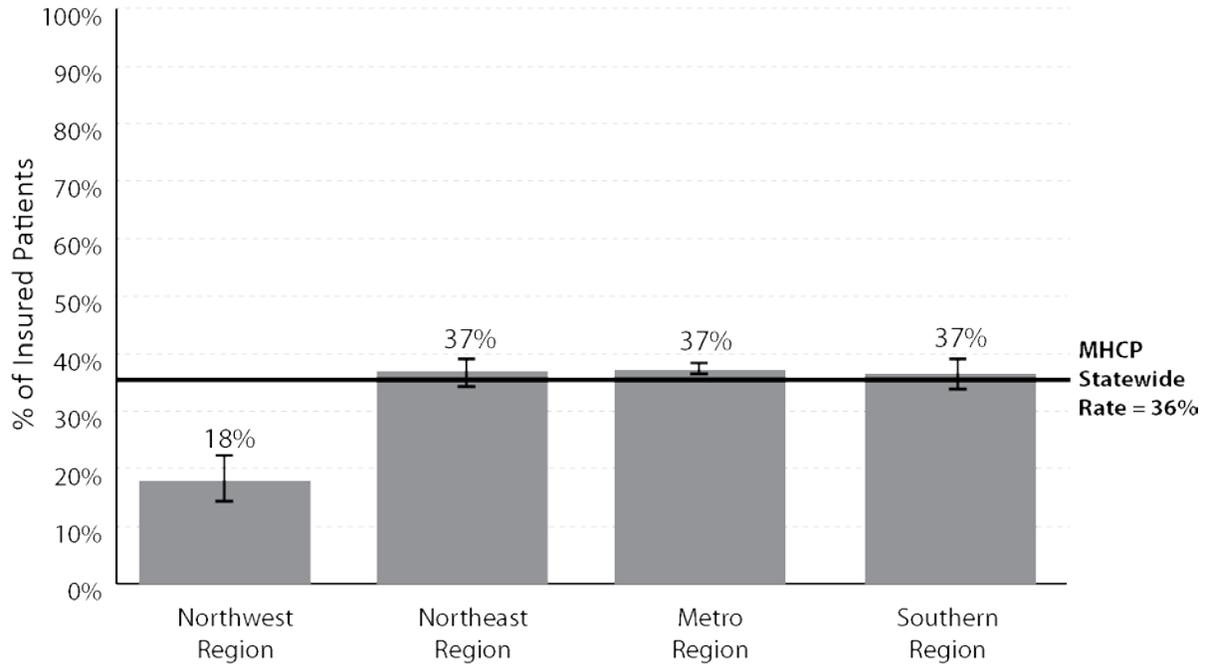
Figure 25: Optimal Diabetes Care Rates by DHS Region



Optimal Asthma Care – Adults Ages 18-50

Figure 26 shows the rates of Optimal Asthma Care – Adults Ages 18-50 by DHS region. The highest rate of optimal care was found in three regions at 37 percent: the Northeast region, the Metro region and the Southern region. Only the Metro region’s rate was significantly above the MHCP statewide rate (36 percent). The lowest rate for MHCP adults was found in the Northwest region at 18 percent; this rate was the only rate significantly below the MHCP statewide rate and all other regional rates.

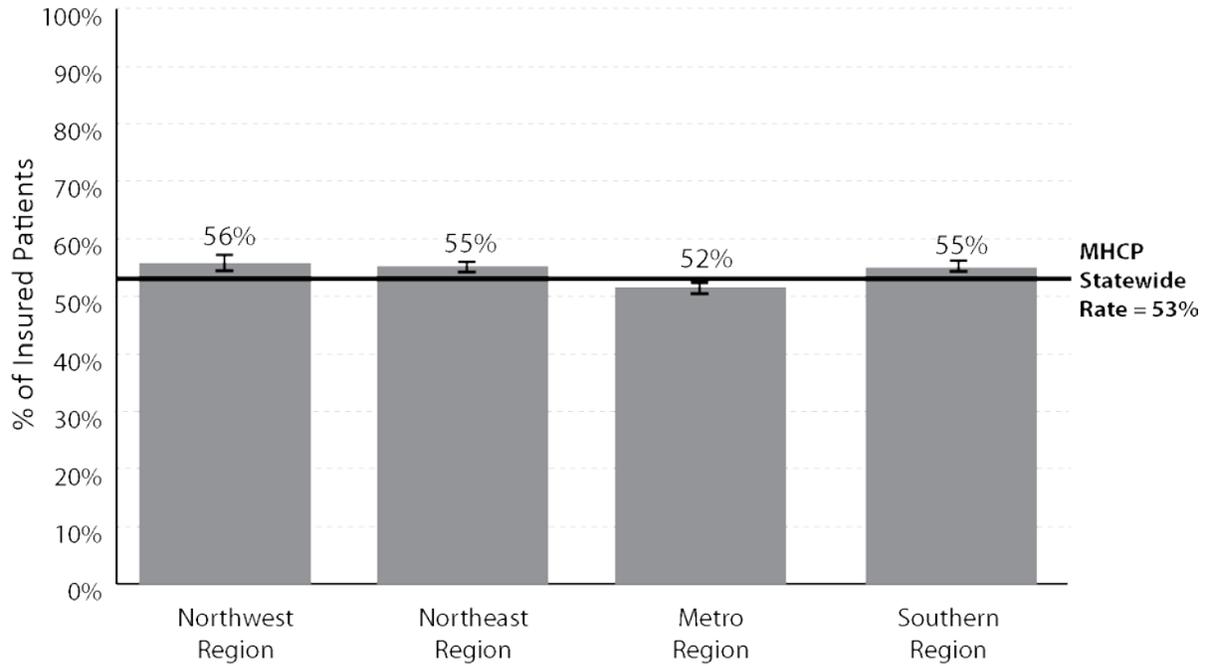
Figure 26: Optimal Asthma Care – Adults Ages 18-50 Rates by DHS Region



Colorectal Cancer Screening

Figure 27 shows the rates of Colorectal Cancer Screening by DHS region. MHCP patients had the highest screening rate for colorectal cancer in the Northwest region (56 percent), and this rate was significantly above the MHCP statewide rate (53 percent), along with the Northeast region (55 percent) and the Southern region (55 percent). Only one region had a screening rate significantly below the MHCP statewide rate: the Metro region at 52 percent.

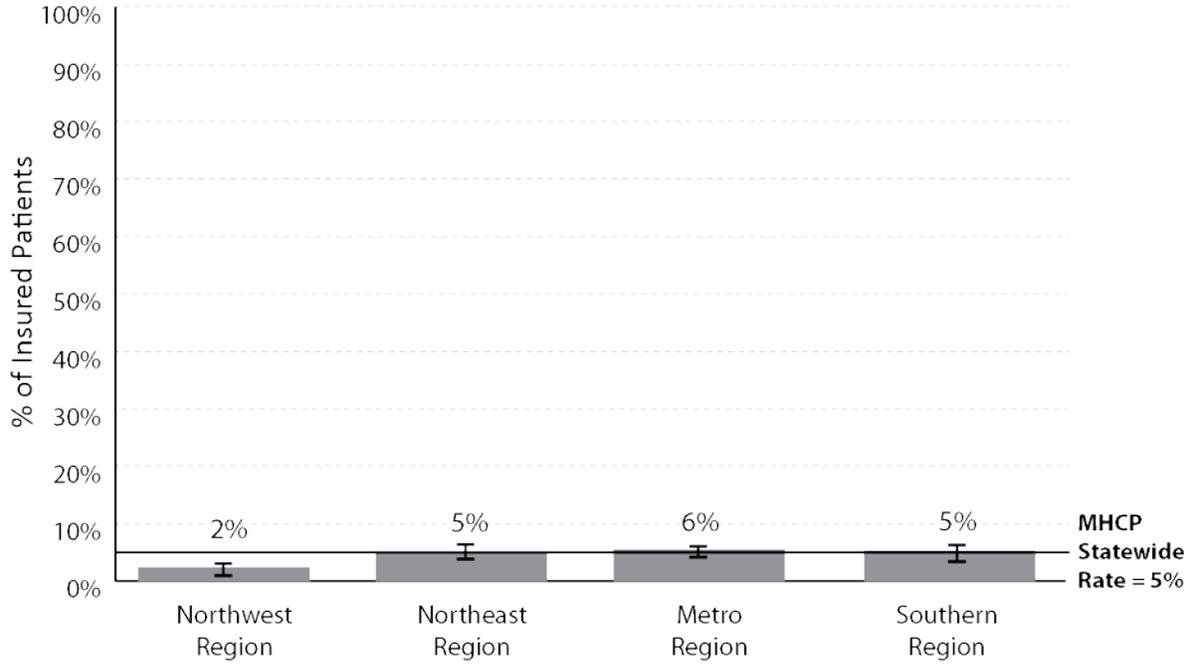
Figure 27: Colorectal Cancer Screening Rates by DHS Region



Depression Remission at Six Months

Figure 28 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 Metro region (six 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 two percent.

Figure 28: Depression Remission at Six Months Rates by DHS Region



Summary of Findings by DHS Region

Table 17 reflects differences that exist between MHCP patients in different regions for all measures. For each measure, the rates for each regional group are indicated as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined at a value of (p<0.05).

Table 17: Summary of Findings by DHS Region

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

↑ = Above MHCP Statewide Rate

↓ = Below MHCP Statewide Rate

Blank = Similar to MHCP Statewide Rate

Summary of Findings by DHS Region

The Northwest Region

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

There was one measure (Colorectal Cancer Screening) where this region's rate was significantly above the MHCP statewide rate; this rate was the highest screening rate for colorectal cancer compared to other regions.

The Northeast Region

The Northeast region did not have the highest or lowest rate for any of the six measures.

For one measure (Colorectal Cancer Screening), this region had a performance rate significantly above the MHCP statewide rate. Conversely, the Northeast region had a performance rate significantly below the MHCP statewide rate for Optimal Diabetes Care.

The Metro Region

There were four measures where the Metro region had the highest rates: Optimal Diabetes Care; Depression Remission at Six Months; Optimal Asthma Care – Children Ages 5-17; and Optimal Asthma Care – Adults Ages 18-50. There was one measure (Colorectal Cancer Screening) where this region had the lowest rate.

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

The Southern Region

The Southern region had the highest performance rate for one measure: Optimal Vascular Care. It did not have the lowest rate for any of the six measures.

There were two measures (Optimal Vascular Care and Colorectal Cancer Screening) where the Southern region had a performance rate significantly above the MHCP statewide rate; however, this region had a significantly lower rate than the MHCP statewide rate for Optimal Asthma Care – Children Ages 5-17.

Conclusion

The *2014 Health Care Disparities Report for Minnesota Health Care Programs* spotlights that MHCP patients are receiving better care in 2013 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 seven measures and narrowing of the gap between purchasers in five measures. But setbacks can also be seen particularly in four measures where performance rates decreased for MHCP patients and six 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 four measures this year and these show great room for improvement. Those measures are:

- Appropriate Testing in Children with Pharyngitis
- Childhood Immunization Status (Combo 3)
- Controlling High Blood Pressure
- Chlamydia Screening in Women

Six measures showed statistically significant improvement since 2013. They are:

- Optimal Vascular Care
- Optimal Asthma Care - Children Ages 5-17
- Optimal Diabetes Care
- Optimal Asthma Care - Adults Ages 18-50
- Colorectal Cancer Screening
- 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 – affirming the need to continue to focus on disparities that exist between the MHCP population and others. The six measures where gaps between purchasers widened are:

- Optimal Asthma Care - Children Ages 5-17
- Optimal Asthma Care - Adults Ages 18-50
- Colorectal Cancer Screening
- Depression Remission at Six Months
- Childhood Immunization Status (Combo 3)
- Controlling High Blood Pressure

Conversely, gaps between purchasers have narrowed over multiple years for five measures – and two of those have narrowed significantly: Appropriate Treatment for Children with URI and Appropriate Testing for Children with Pharyngitis.

This is the fifth *Health Care Disparities Report* to report statewide MHCP results by racial group. Differences between racial 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

Conclusion

Blacks or African Americans in three measures were significantly above the statewide MHCP rate.

For the first time, this report features MHCP regional rates for the six DDS measures included. This analysis has been added to provide more information about the health outcomes of MHCP patients in urban, suburban and rural areas of Minnesota. There were noteworthy performance differences in MHCP rates for each measure by region. The findings indicate patients in rural areas had overall lower rates of optimal care than patients in urban and suburban areas. Suburban areas generally had the highest performance rates across the six measures. The Metro region, which focuses on the seven-county Metro area, had the highest rate for four measures, with three of them significantly above the MHCP statewide rate. Conversely, the Northwest region, which focuses on the Northwest portion of the state, had the lowest rate for five measures, with all of them being significantly below the MHCP statewide rate.

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

We applaud the many efforts underway in our community 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 ten health plans and county-based purchasing organizations that contributed data for this report are:

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

Medical Groups (Primary Care) Reported in 2014 (128)

- Advanced Medical Clinic
- Affiliated Community Medical Centers
- Albany Medical Center
- Alexandria Clinic, PA.
- Allina Health Clinics
- Allina Specialty Clinic
- Altru Health System
- Apple Valley Medical Clinic
- Appleton Area Health Services
- Avera Medical Group
- Avera Medical Group - McGreevy Clinic, United Medical Center, Worthington Specialty Clinic
- Avera Medical Group - Pipestone
- Axis Medical Center
- Boynton Health Service
- Buffalo Clinic - IHN
- Burnsville Family Physicians
- CCMH - Montevideo Clinic
- Cedar Riverside People's Center
- CentraCare Health
- Chippewa County Montevideo Hospital & Medical Clinic
- Community University Health Care Center
- Cuyuna Regional Medical Center - Clinic Services
- Dawson Clinic
- Duluth Family Practice Clinic
- Edina Family Physicians, P.A.
- Entira Family Clinics
- Essentia Health - Central Region
- Essentia Health - East Region
- Essentia Health - Fosston
- Essentia Health - West Region
- Essentia Health Ada
- Essentia Health St. Mary's
- Face to Face Health & Counseling
- Fairview Health Services
- Fairview Medical Group
- Fairview Mesaba Clinics
- Family Health Center
- Family Practice Medical Center of Willmar
- FamilyHealth Medical Clinics
- FirstLight Health System
- France Avenue Family Physicians - MN Healthcare Network
- Gateway Family Health Clinic
- Glencoe Regional Health Services
- Glenwood Medical Center
- Grand Itasca Clinic
- Gundersen Health System
- HealthEast
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- Hendricks Community Hospital Association
- Hennepin Faculty Associates & 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 Medical Group PA
- Lake Superior Community Health Center
- Lake View Clinic - Two Harbors
- Lakeview Clinic, Ltd.
- Lakewood Health Center Clinic
- Lakewood Health System
- Madelia Community Hospital & Clinic
- Mankato Clinic
- Mayo Clinic
- Mayo Clinic Health System
- Mayo Clinic Health System - Albert Lea
- Mayo Clinic Health System - Austin
- Mayo Clinic Health System - Fairmont
- Mayo Clinic Hlth Sys. - Franciscan Healthcare in La Crosse
- Mayo Clinic Health System - Lake City
- Mayo Clinic Health System - Mankato
- Mayo Clinic Health System - New Prague
- Mayo Clinic Health System - Owatonna
- Mayo Clinic Health System - Red Wing
- Mayo Clinic Health System - St. James
- Mayo Clinic Health System - Waseca
- Mayo Clinic Health System- Faribault
- Mille Lacs Clinics
- Multicare Associates of the Twin Cities
- Murray County Clinic
- Native American Community Clinic
- Neighborhood Healthsource
- New Hope Crystal Medical Clinic
- North Clinic
- North Memorial Clinic
- NorthPoint Health and 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 Clinic
- Parkview Medical Clinic - Minnesota Healthcare Network
- Prairie Ridge Hospital & Health Services
- Raiter Clinic, Ltd. - IHN
- Renville County Hospital and Clinics
- Richfield Medical Group

Additional Medical Group Provider Types Reported in 2014 (41)

Primary Care Medical Groups continued...

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

Urgent Care/Convenience Care Clinics

- 7 Day Clinic
- Emergency Physicians
- Express Healthcare
- Minute Clinic Diagnostic, P.A
- Priority Pediatrics Urgent Care
- Suburban Emergency Associates
- Target Clinic

Pediatric

- All About Children Pediatrics – Children's Health Net.
- Central Pediatrics
- Children's Clinic Network
- Children's Hospital Clinics Mpls, St. Paul, Tams, PACE
- Children's Respiratory & Critical Care Specialists
- Fridley Children's & Teenagers' Medical Center - CHN

Allergy/Immunology

- Allergy & Asthma Specialists, PA
- Allergy, Asthma & Immunology Clinic

Behavioral Health

- Associated Clinic of Psychology
- Associates in Psychiatry & Psychology
- Family Life Center
- Lakeland Mental Health Center
- Minnesota Mental Health Clinics
- People Incorporated Stark Mental Health Clinic

Endocrinology

- Endocrinology Clinic of Mpls.

OB/GYN

- Metropolitan Obstetrics & Gynecology
- Oakdale Ob/Gyn
- Obstetrics & Gynecology Associates
- Partners Ob/Gyn
- Planned Parenthood of Minnesota, ND, SD
- Premier OB/GYN of Minnesota

- Pediatric and Young Adult Medicine Pediatric Services
- Pediatric and Adolescent Services
- Pediatric Services - Children's Health Network
- South Lake Pediatrics
- Southdale Pediatric Associates Ltd
- Wayzata Children's Clinic (Affiliated w/CHN)

- Allergy, Asthma & Pulmonary Associates, PA
- Minnesota Lung Center/Minnesota Sleep Institute

- Ramsey County Mental Health
- South Central Human Relations Center
- St. Cloud Hospital - Behavioral Health Clinic
- Western Mental Health Center, Inc.
- Zumbro Valley Mental 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 2014 Technical Specifications (2013 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 2014, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Itasca Medical Care, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), and UCare – submitted data to MNCM. The submitted data reflected 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 *2014 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 2014 Direct Data Submission (DDS) Guides (2013 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. 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 measures used the hybrid method (referenced in Appendix 1):

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

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

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

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

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

Each year, these measure specifications are reviewed against current evidence-based guidelines. Specifications for measures that use the hybrid and administrative method were calculated using NCQA's 2014 HEDIS Technical Specifications. Specifications for DDS measures were calculated in the MNMCM Data Portal using MNMCM's 2014 DDS Guide and Technical Specifications.

Eligible Population Specifications

The eligible populations for the administrative and hybrid measures were identified by each participating health plan utilizing its respective administrative databases. NCQA's 2014 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 2014 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 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 2014 DDS Guide described accepted methods to select a systematic sample. This step was reviewed by MNMCM as part of the denominator certification process. In 2014, about 99 percent of clinics for Optimal Vascular Care; about 98 percent of clinics for Optimal Asthma Care – Children Ages 5-17; about 98 percent of clinics for Optimal Diabetes Care; about 99 percent of clinics for Optimal Asthma Care – Adults Ages 18-50; and about 94 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 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 was 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's 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/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.¹⁰ 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. Please note that for some measures, HEDIS continuous enrollment specifications were adjusted to allow more MHCP patients to be eligible for the measure.

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 2014 with their rate during report year 2013, 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 (2012, 2013 and 2014). See “Medical Group Performance over Time (2012 to 2014)” in the “Results by Measure” section and Appendix 4 for detailed tables of medical groups.

Patterns in rate changes over the three reporting years (2012, 2013, and 2014) were reviewed. Only medical groups with rates for all three reporting periods per measure were included in the analysis. The analysis was defined as three reporting years to allow as many groups as possible to have three years of reported data and the opportunity to be included in the analysis. The percent and number of medical groups were reported for each of the following patterns of rate changes over the past three years for each measure:

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

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

Appendix 3: Medical Group and Clinic Performance Rate Tables

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

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

Contents of Detailed Tables per Measure

Measures with Specification Changes from 2013 to 2014

- Table 18: Breast Cancer Screening by Medical Group

Measures with an Increase in MHCP Rate

- Table 19.1: Optimal Vascular Care by Clinic
- Table 19.2: Optimal Vascular Care by Medical Group
- Table 20.1: Optimal Asthma Care Children Ages 5-17 by Clinic
- Table 20.2: Optimal Asthma Care Children Ages 5-17 by Medical Group
- Table 21.1: Optimal Diabetes Care by Clinic
- Table 21.2: Optimal Diabetes Care by Medical Group
- Table 22.1: Optimal Asthma Care Adults Ages 18-50 by Clinic
- Table 22.2: Optimal Asthma Care Adults Ages 18-50 by Medical Group
- Table 23.1: Colorectal Cancer Screening by Clinic
- Table 23.2: Colorectal Cancer Screening by Medical Group
- Table 24: Appropriate Treatment for Children with URI by Medical Group

Measures with a Decrease in MHCP Rate

- Table 25: Depression Remission at Six Months by Clinic
- Table 26: Appropriate Testing for Children with Pharyngitis by Medical Group
- Table 27: Childhood Immunization Status (Combo 3) by Medical Group
- Table 28: Controlling High Blood Pressure by Medical Group
- Table 29: Chlamydia Screening in Women by Medical Group

Table 18: Breast Cancer Screening by Medical Group
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	12,486	67.3%	66.5%	68.1%		
Mayo Clinic Health System - Owatonna	102	80.4%	71.7%	86.9%	Above	Total Population
HealthPartners Clinics	1,100	79.6%	77.1%	81.8%	Above	Total Population
Riverwood Aitkin Clinic	87	78.2%	68.4%	85.6%	Above	Total Population
Mayo Clinic	246	78.1%	72.5%	82.8%	Above	Total Population
Mayo Clinic Health System - Fairmont	62	74.2%	62.1%	83.5%	Average	Total Population
Mayo Clinic Health System - Red Wing	69	73.9%	62.5%	82.8%	Average	Total Population
Gundersen Health System	42	73.8%	58.9%	84.7%	Average	Total Population
Allina Specialty Clinic	1,287	73.2%	70.7%	75.5%	Above	Total Population
Mayo Clinic Health System - Albert Lea	177	72.9%	65.9%	78.9%	Average	Total Population
Alexandria Clinic, PA.	84	72.6%	62.3%	81.0%	Average	Total Population
Essentia Health - Central Region	214	72.4%	66.1%	78.0%	Average	Total Population
Fairview Medical Group	906	72.3%	69.3%	75.1%	Above	Total Population
Family Practice Medical Center Of Willmar	36	72.2%	56.0%	84.2%	Average	Total Population
CentraCare Health	280	72.1%	66.6%	77.1%	Average	Total Population
Multicare Associates of the Twin Cities	84	71.4%	61.0%	80.0%	Average	Total Population
Grand Itasca Clinic	111	71.2%	62.2%	78.8%	Average	Total Population
Mayo Clinic Health System - Mankato	111	71.2%	62.2%	78.8%	Average	Total Population
Buffalo Clinic - IHN	104	71.2%	61.8%	79.0%	Average	Total Population
Unity Family Healthcare - Avon	44	70.5%	55.8%	81.8%	Average	Total Population
Sanford Health - Sioux Falls Region	108	70.4%	61.2%	78.2%	Average	Total Population
Hennepin Faculty Associates & HCMC Clinics	418	70.3%	65.8%	74.5%	Average	Total Population
Community University Health Care Center	84	70.2%	59.8%	79.0%	Average	Total Population
Tri-County Health Care	60	70.0%	57.5%	80.1%	Average	Total Population
Fairview Mesaba Clinics	59	69.5%	56.9%	79.8%	Average	Total Population
Neighborhood Healthsource	49	69.4%	55.5%	80.5%	Average	Total Population
Mankato Clinic	114	69.3%	60.3%	77.0%	Average	Total Population
Sanford Health Fargo	432	69.2%	64.7%	73.4%	Average	Total Population
HealthEast	332	69.0%	63.8%	73.7%	Average	Total Population
Essentia Health - East Region	463	68.9%	64.5%	72.9%	Average	Total Population
Lakewood Health System	77	68.8%	57.8%	78.1%	Average	Total Population
Sanford Bagley	95	68.4%	58.5%	76.9%	Average	Total Population
Essentia Health - West Region	121	67.8%	59.0%	75.4%	Average	Total Population
Winona Health	71	67.6%	56.1%	77.3%	Average	Total Population

Table 18: Breast Cancer Screening by Medical Group - *continued*

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	12,486	67.3%	66.5%	68.1%		
Olmsted Medical Center	163	67.5%	60.0%	74.2%	Average	Total Population
Stillwater Medical Group	46	67.4%	53.0%	79.1%	Average	Total Population
FirstLight Health System	73	67.1%	55.7%	76.8%	Average	Total Population
Cuyuna Regional Medical Center - Clinic Services	84	66.7%	56.1%	75.8%	Average	Total Population
Affiliated Community Medical Centers	248	66.1%	60.0%	71.7%	Average	Total Population
Lakeview Clinic, Ltd.	32	65.6%	48.3%	79.6%	Average	Total Population
Park Nicollet Clinic	627	65.6%	61.8%	69.2%	Average	Total Population
North Memorial Clinic	215	64.7%	58.1%	70.7%	Average	Total Population
Lake Region Medical Group PA	64	64.1%	51.8%	74.7%	Average	Total Population
Northwest Family Physicians	47	63.8%	49.5%	76.0%	Average	Total Population
Scenic Rivers Health Services	41	63.4%	48.1%	76.4%	Average	Total Population
NorthPoint Health And Wellness Center	90	63.3%	53.0%	72.6%	Average	Total Population
Altru Health System	86	62.8%	52.2%	72.3%	Average	Total Population
Essentia Health St. Mary's	51	62.8%	49.0%	74.7%	Average	Total Population
St. Luke's Clinics	179	61.5%	54.2%	68.3%	Average	Total Population
United Family Medicine	83	61.5%	50.7%	71.2%	Average	Total Population
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	51	60.8%	47.1%	73.0%	Average	Total Population
Raiter Clinic, Ltd. - IHN	65	60.0%	47.9%	71.0%	Average	Total Population
Hutchinson Health	63	58.7%	46.4%	70.0%	Average	Total Population
Mille Lacs Clinics	46	58.7%	44.3%	71.7%	Average	Total Population
Open Cities Health Center	69	58.0%	46.2%	68.9%	Average	Total Population
University of Minnesota Physicians	301	56.2%	50.5%	61.6%	Below	Total Population
Family Health Center	47	55.3%	41.3%	68.6%	Average	Total Population
Ridgeview Clinics	60	55.0%	42.5%	66.9%	Below	Total Population
West Side Community Health Services	132	52.3%	43.8%	60.6%	Below	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	99	49.5%	39.9%	59.2%	Below	Total Population
North Clinic	97	49.5%	39.8%	59.3%	Below	Total Population
Essentia Health - Fosston	38	47.4%	32.5%	62.7%	Below	Total Population
Entira Family Clinics	168	47.0%	39.6%	54.6%	Below	Total Population
Gateway Family Health Clinic	65	41.5%	30.4%	53.7%	Below	Total Population
Cedar Riverside People's Center	133	27.8%	20.9%	36.0%	Below	Total Population
St. Paul Family Medical Center	44	18.2%	9.5%	32.0%	Below	Total Population
Advanced Medical Clinic	50	18.0%	9.8%	30.8%	Below	Total Population

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	Total Population or Sample (of MHCP patients)
Clinic Average	12,249	42.7%	41.8%	43.6%		
Fairview Chisago Lakes Clinic	39	74.4%	58.9%	85.4%	Above	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	50	72.0%	58.3%	82.5%	Above	Total Population
Entira Family Clinics - Shoreview	31	71.0%	53.4%	83.9%	Above	Total Population
Entira Family Clinics - Maplewood/Battle Creek	57	66.7%	53.7%	77.5%	Above	Total Population
Stillwater Medical Group - Curve Crest Clinic	37	64.9%	48.8%	78.2%	Above	Total Population
Entira Family Clinics - Highland	34	64.7%	47.9%	78.5%	Above	Total Population
Entira Family Clinics - Inver Grove Heights	76	64.5%	53.3%	74.3%	Above	Total Population
Allina Health - Buffalo	36	63.9%	47.6%	77.5%	Above	Total Population
Fairview North Branch Clinic	41	63.4%	48.1%	76.4%	Above	Total Population
Allina Health - Shakopee	30	63.3%	45.5%	78.1%	Above	Total Population
Fairview Eagan Clinic	124	62.9%	54.1%	70.9%	Above	Total Population
Allina Health - Faribault	31	61.3%	43.8%	76.3%	Above	Total Population
Mankato Clinic - Wickersham Campus	36	61.1%	44.9%	75.2%	Above	Total Population
Entira Family Clinics - West St. Paul	56	60.7%	47.6%	72.4%	Above	Total Population
Mankato Clinic - Main Street	83	60.2%	49.5%	70.1%	Above	Total Population
Fairview CedarRidge Clinic	70	58.6%	46.9%	69.4%	Above	Total Population
Fairview Andover Clinic	41	58.5%	43.4%	72.2%	Above	Total Population
Fairview Fridley Clinic	72	58.3%	46.8%	69.0%	Above	Total Population
Entira Family Clinics - East Side	60	58.3%	45.7%	69.9%	Above	Total Population
Allina Health - Bandana Square (Aspen)	33	57.6%	40.8%	72.8%	Average	Total Population
+University of Minnesota Physicians Heart - Burnsville Clinic	67	56.7%	44.8%	67.9%	Above	Total Population
+Allina Health Specialties - Minneapolis Heart Institute Plymouth	30	56.7%	39.2%	72.6%	Average	Total Population
Allina Health - Plymouth	32	56.3%	39.3%	71.8%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	34	55.9%	39.5%	71.1%	Average	Total Population
Fairview EdenCenter Clinic	34	55.9%	39.5%	71.1%	Average	Total Population
Fairview Princeton Clinic	101	55.5%	45.7%	64.8%	Above	Total Population
Allina Health Specialties - ANW General Medicine Associates - Edina	49	55.1%	41.3%	68.2%	Average	Total Population
Fairview RidgeValley Clinic	40	55.0%	39.8%	69.3%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	39	53.9%	38.6%	68.4%	Average	Total Population
Sanford Thief River Falls Clinic	43	53.5%	38.9%	67.5%	Average	Total Population
St Luke's Clinics - Internal Medicine Associates	75	53.3%	42.2%	64.2%	Average	Total Population
HealthEast Rice Street Clinic	30	53.3%	36.1%	69.8%	Average	Total Population
Park Nicollet Clinic - Brookdale	47	53.2%	39.2%	66.7%	Average	Total Population
Mayo Clinic Health System Fairmont	49	53.1%	39.4%	66.3%	Average	Total Population
Mayo Clinic - Speciality Practice	238	52.9%	46.6%	59.2%	Above	Total Population
Park Nicollet Clinic - Shakopee	36	52.8%	37.0%	68.0%	Average	Total Population
Allina Health - West St. Paul	42	52.4%	37.7%	66.6%	Average	Total Population
Fairview Ridges Clinic	88	52.3%	42.0%	62.4%	Average	Total Population
HealthPartners - Riverside	39	51.3%	36.2%	66.1%	Average	Total Population
Fairview Lakes Medical Center	133	51.1%	42.7%	59.5%	Above	Total Population
St. Cloud Medical Group - NW - IHN	94	51.1%	41.1%	60.9%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	55	50.9%	38.1%	63.6%	Average	Total Population
HealthPartners - Regions Specialty Ctr	174	50.6%	43.2%	57.9%	Above	Total Population
Allina Health - Cambridge	87	50.6%	40.3%	60.8%	Average	Total Population
Fairview Crosstown Clinic	58	50.0%	37.5%	62.5%	Average	Total Population
Fairview Blaine Clinic	36	50.0%	34.5%	65.5%	Average	Total Population
Essentia Health - West Duluth Clinic	30	50.0%	33.2%	66.9%	Average	Total Population
Allina Health - Cottage Grove	30	50.0%	33.2%	66.9%	Average	Total Population
Allina Health - Northfield	30	50.0%	33.2%	66.9%	Average	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	121	49.6%	40.8%	58.4%	Average	Total Population
Fairview Oxboro Clinic	87	49.4%	39.2%	59.7%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	61	49.2%	37.1%	61.4%	Average	Total Population
Multicare Associates - Fridley Medical Center	94	48.9%	39.1%	58.9%	Average	Total Population
Entira Family Clinics - North St. Paul	78	48.7%	38.0%	59.6%	Average	Total Population
Allina Health - Richfield	39	48.7%	33.9%	63.8%	Average	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	31	48.4%	32.0%	65.2%	Average	Total Population
+St Luke's Clinics - Cardiology Associates	119	47.9%	39.1%	56.8%	Average	Total Population
Park Nicollet Clinic - Burnsville	42	47.6%	33.4%	62.3%	Average	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	Total Population or Sample (of MHCP patients)
Clinic Average	12,249	42.7%	41.8%	43.6%		
Allina Health - Nicollet Mall	42	47.6%	33.4%	62.3%	Average	Total Population
Fairview Columbia Heights Clinic	108	47.2%	38.1%	56.6%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	34	47.1%	31.5%	63.3%	Average	Total Population
Wadena Medical Center	34	47.1%	31.5%	63.3%	Average	Total Population
Allina Health - Coon Rapids	154	46.8%	39.1%	54.6%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	118	46.6%	37.9%	55.6%	Average	Total Population
Mayo Clinic Health System Owatonna	52	46.2%	33.3%	59.5%	Average	Total Population
Fairview Elk River Clinic	39	46.2%	31.6%	61.4%	Average	Total Population
HealthPartners - Brooklyn Center	37	46.0%	31.0%	61.6%	Average	Total Population
Sanford Detroit Lakes Clinic	59	45.8%	33.7%	58.3%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	69	44.9%	33.8%	56.6%	Average	Total Population
Fairview Brooklyn Park Clinic	50	44.0%	31.2%	57.7%	Average	Total Population
+Allina Health Specialties - Minneapolis Heart Institute Shakopee	41	43.9%	29.9%	59.0%	Average	Total Population
St. Cloud Medical Group - South - IHN	64	43.8%	32.3%	55.9%	Average	Total Population
HealthPartners - Adult & Seniors Health	71	43.7%	32.8%	55.2%	Average	Total Population
+Allina Health Specialties - Metro. Heart & Vascular Inst Buffalo	85	43.5%	33.5%	54.1%	Average	Total Population
Fairview Northeast Clinic	46	43.5%	30.2%	57.8%	Average	Total Population
+North Memorial Heart & Vascular Institute	187	43.3%	36.4%	50.5%	Average	Total Population
Mayo Clinic Health System Albert Lea	70	42.9%	31.9%	54.5%	Average	Total Population
Winona Health - Winona Clinic	75	42.7%	32.1%	54.0%	Average	Total Population
+Allina Health Specialties - Minneapolis Heart Institute ANW	322	42.2%	37.0%	47.7%	Average	Total Population
HealthEast Oakdale	31	41.9%	26.4%	59.2%	Average	Total Population
+Allina Hlth Specialties - Metro. Heart & Vascular Inst. Coon Rapids	454	41.9%	37.4%	46.4%	Average	Total Population
CentraCare - Northway	41	41.5%	27.8%	56.6%	Average	Total Population
CentraCare River Campus - Internal Medicine	68	41.2%	30.3%	53.0%	Average	Total Population
+University of Minnesota Physicians Heart - Edina Clinic	192	40.6%	33.9%	47.7%	Average	Total Population
Essentia Health Fosston	32	40.6%	25.5%	57.7%	Average	Total Population
Mayo Clinic Health System Red Wing	37	40.5%	26.4%	56.5%	Average	Total Population
Essentia Health - Hibbing Clinic	53	39.6%	27.6%	53.1%	Average	Total Population
Essentia Health - Park Rapids	38	39.5%	25.6%	55.3%	Average	Total Population
United Hospital District Clinic	146	39.0%	31.5%	47.1%	Average	Total Population
Essentia Health - Virginia Clinic	52	38.5%	26.5%	52.0%	Average	Total Population
Edina Family Physicians, P.A.	37	37.8%	24.1%	53.9%	Average	Total Population
+University of Minnesota Physicians Heart - Minneapolis Clinic	85	37.7%	28.1%	48.3%	Average	Total Population
Gateway Family Health Clinic - Moose Lake	30	36.7%	21.9%	54.5%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	44	34.1%	21.9%	48.9%	Average	Total Population
+CentraCare River Campus - CentraCare Heart & Vascular Center	72	33.3%	23.5%	44.8%	Average	Total Population
United Family Medicine	61	32.8%	22.3%	45.3%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	43	32.6%	20.5%	47.5%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	40	32.5%	20.1%	48.0%	Average	Total Population
+Allina Health Specialties - United Heart and Vascular Clinic	486	31.5%	27.5%	35.7%	Below	Total Population
Grand Itasca Clinic	90	30.0%	21.5%	40.1%	Below	Total Population
+Allina Health Specialties - Minneapolis Heart Institute - Baxter	30	30.0%	16.7%	47.9%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	35	28.6%	16.3%	45.1%	Average	Total Population
Mayo Clinic Health System Austin	71	26.8%	17.9%	38.1%	Below	Total Population
HealthPartners Central Minnesota Clinics	30	26.7%	14.2%	44.5%	Average	Total Population
Allina Health - Forest Lake	34	26.5%	14.6%	43.1%	Average	Total Population
Essentia Health - Duluth Clinic Main	95	25.3%	17.6%	34.8%	Below	Total Population
University of Minnesota Physicians - Broadway Family Medicine	40	25.0%	14.2%	40.2%	Below	Total Population
+Allina Health Specialties - Metro. Heart & Vascular Inst. Fridley	137	24.8%	18.3%	32.7%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	34	23.5%	12.4%	40.0%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	228	21.1%	16.3%	26.8%	Below	Total Population
CentraCare Family Health Center	32	15.6%	6.9%	31.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	46	15.2%	7.6%	28.2%	Below	Total Population
NorthPoint Health & Wellness Center	56	14.3%	7.4%	25.7%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	119	13.5%	8.5%	20.7%	Below	Total Population
HealthEast Heart Care - St. Joseph's Hospital	105	13.3%	8.1%	21.1%	Below	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	Total Population of Sample (of MHCP patients)
Medical Group Average	12,249	42.7%	41.8%	43.6%		
Entira Family Clinics	473	62.8%	58.4%	67.0%	Above	Total Population
Stillwater Medical Group	51	58.8%	45.2%	71.3%	Above	Total Population
Mankato Clinic, Ltd.	133	58.7%	50.2%	66.7%	Above	Total Population
Fairview Health Services	1,471	52.8%	50.3%	55.4%	Above	Total Population
Ridgeview Clinics	42	52.4%	37.7%	66.6%	Average	Total Population
Essentia Health St. Mary's	35	51.4%	35.6%	67.0%	Average	Total Population
Allina Health Clinics	1,014	51.4%	48.3%	54.5%	Above	Total Population
Park Nicollet Health Services	403	51.1%	46.3%	56.0%	Above	Total Population
Affiliated Community Medical Centers	166	49.4%	41.9%	56.9%	Average	Total Population
Mayo Clinic	290	49.0%	43.3%	54.7%	Above	Total Population
Multicare Associates	123	47.2%	38.6%	55.9%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	34	47.1%	31.5%	63.3%	Average	Total Population
Mayo Clinic Health System	563	45.7%	41.6%	49.8%	Average	Total Population
Winona Health	89	44.9%	35.0%	55.3%	Average	Total Population
St. Luke's Clinics	271	44.7%	38.9%	50.6%	Average	Total Population
HealthPartners Clinics	584	44.5%	40.5%	48.6%	Average	Total Population
Essentia Health - Central Region	240	43.8%	37.6%	50.1%	Average	Total Population
Sanford Health - Sioux Falls Region	71	42.3%	31.5%	53.9%	Average	Total Population
Integrity Health Network	231	41.6%	35.4%	48.0%	Average	Total Population
Essentia Health - West	58	41.4%	29.6%	54.2%	Average	Total Population
North Memorial	311	41.2%	35.8%	46.7%	Average	Total Population
Gateway Family Health Clinic	56	41.1%	29.2%	54.1%	Average	Total Population
North Clinic	39	41.0%	27.1%	56.6%	Average	Total Population
University of Minnesota Physicians	444	41.0%	36.5%	45.6%	Average	Total Population
CentraCare Health	279	40.9%	35.3%	46.7%	Average	Total Population
First Care Medical Services	32	40.6%	25.5%	57.7%	Average	Total Population
Tri-County Hospital	40	40.0%	26.4%	55.4%	Average	Total Population
Essentia Health - East Region	436	39.7%	35.2%	44.3%	Average	Total Population
United Hospital District Clinic	146	39.0%	31.5%	47.1%	Average	Total Population
Olmsted Medical Center	77	39.0%	28.8%	50.1%	Average	Total Population
Altru Health System	36	38.9%	24.8%	55.1%	Average	Total Population
Sanford Health - Fargo Region	271	38.8%	33.1%	44.7%	Average	Total Population
Edina Family Physicians, P.A.	37	37.8%	24.1%	53.9%	Average	Total Population
Allina Health Specialties	1,729	37.8%	35.6%	40.1%	Below	Total Population
HealthEast Clinics	317	37.5%	32.4%	43.0%	Average	Total Population
Alexandria Clinic	44	34.1%	21.9%	48.9%	Average	Total Population
United Family Medicine	61	32.8%	22.3%	45.3%	Average	Total Population
Grand Itasca Clinic	90	30.0%	21.5%	40.1%	Below	Total Population
FirstLight Health System	45	28.9%	17.7%	43.4%	Average	Total Population
Riverwood Healthcare Center	37	27.0%	15.4%	43.0%	Average	Total Population
HealthPartners Central Minnesota Clinics	30	26.7%	14.2%	44.5%	Average	Total Population
Unity Family Healthcare, Family Medical Center	30	26.7%	14.2%	44.5%	Average	Total Population
Cedar Riverside People's Center	34	23.5%	12.4%	40.0%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics	419	22.2%	18.5%	26.4%	Below	Total Population
CentraCare Family Health Center	32	15.6%	6.9%	31.8%	Below	Total Population
West Side Community Health Services	39	15.4%	7.3%	29.7%	Below	Total Population
NorthPoint Health & Wellness Center	56	14.3%	7.4%	25.7%	Below	Total Population
Open Cities Health Center	119	13.5%	8.5%	20.7%	Below	Total Population

Table 20.1: Optimal Asthma Care – Children Ages 5-17 by Clinic

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	12,372	49.6%	48.7%	50.5%		
HealthPartners - Anoka	57	86.0%	74.7%	92.7%	Above	Total Population
HealthPartners - White Bear Lake	35	85.7%	70.6%	93.7%	Above	Total Population
Fairview Lino Lakes Clinic	36	80.6%	65.0%	90.3%	Above	Total Population
Park Nicollet Clinic - Bloomington	30	80.0%	62.7%	90.5%	Above	Total Population
Allina Health - Bandana Square (Aspen)	54	79.6%	67.1%	88.2%	Above	Total Population
Park Nicollet Clinic - Eagan	32	78.1%	61.3%	89.0%	Above	Total Population
Fairview Elk River Clinic	46	76.1%	62.1%	86.1%	Above	Total Population
Allina Health - Cambridge	83	75.9%	65.7%	83.8%	Above	Total Population
Fairview Lakes Medical Center	51	74.5%	61.1%	84.5%	Above	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	43	74.4%	59.8%	85.1%	Above	Total Population
#CentraCare Health Plaza - Pediatrics	248	74.2%	68.4%	79.2%	Above	Total Population
HealthPartners - Inver Grove Heights	31	74.2%	56.8%	86.3%	Above	Total Population
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	82	73.2%	62.7%	81.6%	Above	Total Population
#Fairview Children's Clinic	158	72.2%	64.7%	78.6%	Above	Total Population
Allina Health - East Lake Street (Aspen)	37	70.3%	54.2%	82.5%	Above	Total Population
Mayo Clinic Health System Faribault Hwy 60	47	70.2%	56.0%	81.4%	Above	Total Population
HealthPartners - Coon Rapids	65	69.2%	57.2%	79.1%	Above	Total Population
Fairview Ridges Clinic	70	68.6%	57.0%	78.2%	Above	Total Population
Stillwater Medical Group - Curve Crest Clinic	54	68.5%	55.3%	79.3%	Above	Total Population
HealthPartners Central Minnesota Clinics	72	68.1%	56.6%	77.7%	Above	Total Population
Mayo Clinic Health System Austin	55	67.3%	54.1%	78.2%	Above	Total Population
HealthPartners - Apple Valley	33	66.7%	49.6%	80.3%	Above	Total Population
Essentia Health - South University	38	65.8%	49.9%	78.8%	Above	Total Population
Allina Health - Coon Rapids	134	65.7%	57.3%	73.2%	Above	Total Population
Essentia Health - Duluth Clinic 1st St	110	65.5%	56.2%	73.7%	Above	Total Population
Park Nicollet Clinic - Shakopee	47	63.8%	49.5%	76.0%	Average	Total Population
Mayo Clinic Health System Owatonna	44	63.6%	48.9%	76.2%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	97	62.9%	53.0%	71.8%	Above	Total Population
Allina Health - Bloomington (Aspen)	43	62.8%	47.9%	75.6%	Average	Total Population
#Mayo Clinic - Baldwin Building, Pediatrics	83	62.7%	51.9%	72.3%	Above	Total Population
#Children's Speciality Clinic - St. Paul	109	62.4%	53.0%	70.9%	Above	Total Population
HealthPartners - Brooklyn Center	162	62.4%	54.7%	69.4%	Above	Total Population
#Children's Respiratory & Critical Care Specialists - Minnetonka	58	62.1%	49.2%	73.4%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	71	62.0%	50.3%	72.4%	Above	Total Population
#Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Pediatric Cl.	682	61.3%	57.6%	64.9%	Above	Total Population
Affiliated Community Medical Centers - Marshall Clinic	62	61.3%	48.9%	72.4%	Average	Total Population
# Children's Respiratory & Critical Care Specialists - Minneapolis	241	61.0%	54.7%	66.9%	Above	Total Population
Allina Health - Nininger Road	33	60.6%	43.7%	75.3%	Average	Total Population
Fairview Oxboro Clinic	95	60.0%	50.0%	69.3%	Above	Total Population
Affiliated Community Medical Centers - Willmar Clinic	83	59.0%	48.3%	69.0%	Average	Total Population
#Children's Respiratory & Critical Care Specialists - St Paul	195	59.0%	52.0%	65.6%	Above	Total Population
Mayo Clinic Health System Albert Lea	79	57.0%	46.0%	67.3%	Average	Total Population
Allina Health - Buffalo	51	56.9%	43.3%	69.5%	Average	Total Population
HealthPartners - Riverside	120	56.7%	47.7%	65.2%	Average	Total Population
#Children's General Pediatric Clinic - Minneapolis	480	55.4%	50.9%	59.8%	Above	Total Population
Fairview Columbia Heights Clinic	62	54.8%	42.5%	66.6%	Average	Total Population
■ Allergy, Asthma & Pulmonary Associates, PA	31	54.8%	37.8%	70.8%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	44	54.6%	40.1%	68.3%	Average	Total Population
Park Nicollet Clinic - Brookdale	126	54.0%	45.3%	62.4%	Average	Total Population
Essentia Health - Spooner Clinic	30	53.3%	36.1%	69.8%	Average	Total Population

Table 20.1: Optimal Asthma Care – Children Ages 5-17 by Clinic - *continued*

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	12,372	49.6%	48.7%	50.5%		
HealthPartners - Como	88	52.3%	42.0%	62.4%	Average	Total Population
HealthPartners - Maplewood	110	51.8%	42.6%	60.9%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	37	51.4%	35.9%	66.6%	Average	Total Population
Fairview Fridley Clinic	45	51.1%	37.0%	65.0%	Average	Total Population
Mankato Clinic - Main Street	63	50.8%	38.8%	62.7%	Average	Total Population
#Children's General Pediatric Clinic - St. Paul	257	50.6%	44.5%	56.6%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	127	50.4%	41.8%	59.0%	Average	Total Population
Park Nicollet Clinic - Minneapolis	153	50.3%	42.5%	58.1%	Average	Total Population
Park Nicollet Clinic - Burnsville	91	49.5%	39.4%	59.5%	Average	Total Population
HealthPartners - St Paul	140	48.6%	40.4%	56.8%	Average	Total Population
HealthPartners - Midway	134	48.5%	40.2%	56.9%	Average	Total Population
HealthPartners - Bloomington	79	48.1%	37.4%	59.0%	Average	Total Population
Allina Health - Faribault	40	47.5%	32.9%	62.5%	Average	Total Population
HealthEast Maplewood Clinic	65	46.2%	34.6%	58.2%	Average	Total Population
HealthPartners - Specialty Center 401	42	45.2%	31.2%	60.1%	Average	Total Population
University of Minnesota Physicians - Bethesda Clinic	80	45.0%	34.6%	55.9%	Average	Total Population
#Pediatric and Young Adult Medicine, PA - St. Paul	47	44.7%	31.4%	58.8%	Average	Total Population
Fairview Princeton Clinic	37	43.2%	28.7%	59.1%	Average	Total Population
HealthEast Roselawn Clinic	47	42.6%	29.5%	56.7%	Average	Total Population
Mayo Clinic Health System Red Wing	52	42.3%	29.9%	55.8%	Average	Total Population
■ Allergy, Asthma & Immunology - Shoreview	38	42.1%	27.9%	57.8%	Average	Total Population
Native American Community Clinic	50	42.0%	29.4%	55.8%	Average	Total Population
#Children's Speciality Clinic - Minneapolis	81	40.7%	30.7%	51.6%	Average	Total Population
Park Nicollet Clinic - Chanhassen	40	40.0%	26.4%	55.4%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Park Clinic	119	39.5%	31.2%	48.5%	Below	Total Population
HealthPartners - Woodbury	76	39.5%	29.3%	50.7%	Average	Total Population
Fairview Brooklyn Park Clinic	64	39.1%	28.1%	51.3%	Average	Total Population
Mayo Clinic - Speciality Practice	36	38.9%	24.8%	55.1%	Average	Total Population
#Sanford Children's Speciality Clinic	52	36.5%	24.8%	50.1%	Average	Total Population
#Sanford Children's Southwest Clinic	78	35.9%	26.2%	47.0%	Below	Total Population
HealthEast Woodbury Clinic	53	35.9%	24.3%	49.3%	Below	Total Population
University of Minnesota Physicians - Phalen Clinic	31	35.5%	21.1%	53.1%	Average	Total Population
NorthPoint Health & Wellness Center	168	34.5%	27.8%	42.0%	Below	Total Population
#Sanford Children's Clinic 69th & Louise	42	31.0%	19.1%	46.0%	Below	Total Population
University of Minnesota Physicians - Broadway Family Medicine	80	30.0%	21.1%	40.8%	Below	Total Population
HealthEast Rice Street Clinic	39	28.2%	16.5%	43.8%	Below	Total Population
#Sanford Children's Clinic 26th & Sycamore	36	27.8%	15.9%	44.0%	Below	Total Population
University of Minnesota Physicians - Smiley's Clinic	47	27.7%	16.9%	41.8%	Below	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	30	26.7%	14.2%	44.5%	Below	Total Population
Community-University Health Care Center	96	25.0%	17.4%	34.5%	Below	Total Population
Sanford Southpointe Clinic	48	25.0%	14.9%	38.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	37	21.6%	11.4%	37.2%	Below	Total Population
West Side Community Health Services - La Clinica	33	21.2%	10.7%	37.8%	Below	Total Population
#Sanford Children's Clinic MB2	86	20.9%	13.7%	30.7%	Below	Total Population
Grand Itasca Clinic	69	20.3%	12.5%	31.2%	Below	Total Population
United Family Medicine	62	12.9%	6.7%	23.5%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	60	10.0%	4.7%	20.2%	Below	Total Population
Avera Medical Group - Worthington	46	6.5%	2.2%	17.5%	Below	Total Population
Altru Health System - Main	59	0.0%	0.0%	6.1%	Below	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	33	0.0%	0.0%	10.4%	Below	Total Population

Table 20.2: Optimal Asthma Care – Children Ages 5-17 by Medical Group

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

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	12,372	49.6%	48.7%	50.5%		
#South Lake Pediatrics	94	76.6%	67.1%	84.0%	Above	Total Population
■Allergy & Asthma Specialists, PA	89	75.3%	65.4%	83.1%	Above	Total Population
CentraCare Health	312	70.2%	64.9%	75.0%	Above	Total Population
HealthPartners Central Minnesota Clinics	72	68.1%	56.6%	77.7%	Above	Total Population
Stillwater Medical Group	55	67.3%	54.1%	78.2%	Above	Total Population
Allina Health Clinics	927	64.0%	60.8%	67.0%	Above	Total Population
Olmsted Medical Center	113	61.1%	51.9%	69.6%	Above	Total Population
Fairview Health Services	1,025	60.6%	57.6%	63.5%	Above	Total Population
#Children's Respiratory & Critical Care Specialists	494	60.3%	56.0%	64.5%	Above	Total Population
Park Nicollet Health Services	778	58.9%	55.4%	62.3%	Above	Total Population
HealthPartners Clinics	1,285	57.5%	54.8%	60.2%	Above	Total Population
Hennepin County Medical Center (HCMC) Clinics	1,064	56.2%	53.2%	59.2%	Above	Total Population
Mayo Clinic	168	56.0%	48.4%	63.2%	Average	Total Population
Essentia Health - East Region	354	55.9%	50.7%	61.0%	Above	Total Population
■Allergy, Asthma & Pulmonary Associates, PA	31	54.8%	37.8%	70.8%	Average	Total Population
Essentia Health - West	108	54.6%	45.2%	63.7%	Average	Total Population
Mayo Clinic Health System	412	54.6%	49.8%	59.4%	Above	Total Population
Mankato Clinic, Ltd.	94	54.3%	44.2%	64.0%	Average	Total Population
#Children's Hospitals and Clinics of Minnesota	1,047	53.5%	50.4%	56.5%	Above	Mixed
Essentia Health - Central Region	76	52.6%	41.6%	63.5%	Average	Total Population
Allina Health Specialties	37	51.4%	35.9%	66.6%	Average	Total Population
Affiliated Community Medical Centers	225	51.1%	44.6%	57.6%	Average	Total Population
#Pediatric & Young Adult Medicine	63	49.2%	37.3%	61.2%	Average	Total Population
Multicare Associates	44	45.5%	31.7%	59.9%	Average	Total Population
■Allergy, Asthma & Immunology Clinic	38	42.1%	27.9%	57.8%	Average	Total Population
Native American Community Clinic	50	42.0%	29.4%	55.8%	Average	Total Population
HealthEast Clinics	251	37.1%	31.3%	43.2%	Average	Total Population
University of Minnesota Physicians	262	36.3%	30.7%	42.2%	Average	Total Population
NorthPoint Health & Wellness Center	168	34.5%	27.8%	42.0%	Average	Total Population
Entira Family Clinics	102	32.4%	24.1%	41.9%	Average	Total Population
St. Luke's Clinics	62	30.7%	20.6%	43.0%	Average	Total Population
Community University Health Care Center	96	25.0%	17.4%	34.5%	Below	Total Population
Northwest Family Physicians	31	22.6%	11.4%	39.8%	Below	Total Population
Sanford Health - Sioux Falls Region	507	21.9%	18.5%	25.7%	Below	Total Population
North Memorial	66	21.2%	13.1%	32.5%	Below	Total Population
FirstLight Health System	34	20.6%	10.4%	36.8%	Below	Total Population
Grand Itasca Clinic	69	20.3%	12.5%	31.2%	Below	Total Population
Sanford Health - Fargo Region	298	19.8%	15.7%	24.7%	Below	Total Population
Integrity Health Network	110	18.2%	12.1%	26.4%	Below	Total Population
West Side Community Health Services	103	13.6%	8.3%	21.5%	Below	Total Population
United Family Medicine	62	12.9%	6.7%	23.5%	Below	Total Population
Neighborhood Healthsource	40	12.5%	5.5%	26.1%	Below	Total Population
Avera Medical Group	58	10.3%	4.8%	20.8%	Below	Total Population
Stevens Community Medical Center	38	1.9%	0.3%	12.4%	Below	Mixed
North Clinic	30	0.0%	0.0%	11.4%	Below	Total Population
Altru Health System	88	0.0%	0.0%	4.2%	Below	Total Population
Alexandria Clinic	33	0.0%	0.0%	10.4%	Below	Total Population

Table 21.1: Optimal Diabetes Care by Clinic
 (Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
Northwest Family Physicians - Rogers	73	71.2%	60.0%	80.4%	Above	Total Population
Entira Family Clinics - Inver Grove Heights	230	65.7%	59.3%	71.5%	Above	Total Population
Entira Family Clinics - White Bear Lake - Bellaire Avenue	89	62.9%	52.6%	72.2%	Above	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	168	58.9%	51.4%	66.1%	Above	Total Population
Entira Family Clinics - Maplewood/Battle Creek	190	57.4%	50.3%	64.2%	Above	Total Population
Mayo Clinic Health System Le Sueur	74	55.4%	44.1%	66.2%	Above	Total Population
Entira Family Clinics - West St. Paul	176	55.1%	47.7%	62.3%	Above	Total Population
Park Nicollet Clinic - Maple Grove	85	54.1%	43.6%	64.3%	Above	Total Population
HealthEast Cottage Grove Clinic	49	53.1%	39.4%	66.3%	Above	Total Population
Northwest Family Physicians - Plymouth	68	52.9%	41.2%	64.3%	Above	Total Population
Allina Health - Uptown	68	52.9%	41.2%	64.3%	Above	Total Population
Mayo Clinic Health System Lake City	70	52.9%	41.3%	64.1%	Above	Total Population
Sanford Thief River Falls Clinic	91	52.8%	42.6%	62.7%	Above	Total Population
Entira Family Clinics - Shoreview	112	52.7%	43.5%	61.7%	Above	Total Population
Family Practice Medical Center of Willmar	160	52.5%	44.8%	60.1%	Above	Total Population
Fairview Hiawatha Clinic	62	51.6%	39.5%	63.6%	Above	Total Population
Allina Health - Isles	68	51.5%	39.8%	63.0%	Above	Total Population
Allina Health - Woodbury	186	51.1%	43.9%	58.2%	Above	Total Population
HealthPartners - Elk River	55	50.9%	38.1%	63.6%	Above	Total Population
Fairview Oxboro Clinic	128	50.8%	42.2%	59.3%	Above	Total Population
Entira Family Clinics - North St. Paul	617	50.1%	46.2%	54.0%	Above	Total Population
Entira Family Clinics - Como/Roseville	154	50.0%	42.2%	57.8%	Above	Total Population
Entira Family Clinics - Woodbury	252	49.2%	43.1%	55.3%	Above	Total Population
Allina Health - Chaska	49	49.0%	35.6%	62.5%	Above	Total Population
Park Nicollet Clinic - Shakopee	184	48.9%	41.8%	56.1%	Above	Total Population
Park Nicollet Clinic - Eagan	119	48.7%	39.9%	57.6%	Above	Total Population
Park Nicollet Clinic - Prairie Center	39	48.7%	33.9%	63.8%	Above	Total Population
Essentia Health - Aurora Clinic	35	48.6%	33.0%	64.4%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	159	48.4%	40.8%	56.1%	Above	Total Population
Allina Health - Hopkins (Aspen)	31	48.4%	32.0%	65.2%	Average	Total Population
France Avenue Family Physicians - Minnesota Healthcare Network	79	48.1%	37.4%	59.0%	Above	Total Population
Mayo Clinic Health System St. James	103	47.6%	38.2%	57.1%	Above	Total Population
Entira Family Clinics - Highland	154	47.4%	39.7%	55.3%	Above	Total Population
Fairview Milaca Clinic	57	47.4%	35.0%	60.1%	Above	Total Population
Multicare Associates - Roseville Medical Center	36	47.2%	32.0%	63.0%	Average	Total Population
Park Nicollet Clinic - Wayzata	34	47.1%	31.5%	63.3%	Average	Total Population
Allina Health - Chanhassen (Quello)	64	46.9%	35.2%	58.9%	Above	Total Population
Entira Family Clinics - East Side	342	46.8%	41.6%	52.1%	Above	Total Population
Allina Health - Cottage Grove	212	46.2%	39.6%	53.0%	Above	Total Population
CentraCare River Campus - Internal Medicine	106	46.2%	37.0%	55.7%	Above	Total Population
HealthPartners - Ctr for Internatl Hlth	158	46.2%	38.6%	54.0%	Above	Total Population
Allina Health - Buffalo	169	46.2%	38.8%	53.7%	Above	Total Population
Allina Health - Inver Grove Heights (Aspen)	78	46.2%	35.5%	57.1%	Above	Total Population
Fairview Maple Grove Medical Center	39	46.2%	31.6%	61.4%	Average	Total Population
Entira Family Clinics - Vadnais Heights	137	46.0%	37.9%	54.3%	Above	Total Population
Allina Health - West St. Paul	174	46.0%	38.7%	53.4%	Above	Total Population
Allina Health - Ramsey	83	45.8%	35.5%	56.5%	Above	Total Population
Allina Health - Champlin	138	45.7%	37.6%	54.0%	Above	Total Population
Mayo Clinic Health System Mankato Eastridge	114	45.6%	36.8%	54.8%	Above	Total Population
HealthEast Midway Clinic	55	45.5%	33.0%	58.5%	Above	Total Population
Fairview CedarRidge Clinic	120	45.0%	36.4%	53.9%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	189	45.0%	38.1%	52.1%	Above	Total Population
Park Nicollet Clinic - Burnsville	218	45.0%	38.5%	51.6%	Above	Total Population

Table 21.1: Optimal Diabetes Care by Clinic - *continued*

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

Clinic Name (Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
Affiliated Community Medical Centers - Litchfield Clinic (East)	67	44.8%	33.5%	56.6%	Above	Total Population
Affiliated Community Medical Centers - Marshall Clinic	300	44.7%	39.1%	50.3%	Above	Total Population
Mayo Clinic Health System Mankato Northridge	74	44.6%	33.8%	55.9%	Above	Total Population
Allina Health - Brooklyn Park	36	44.4%	29.5%	60.4%	Average	Total Population
HealthPartners - Coon Rapids	147	44.2%	36.4%	52.3%	Above	Total Population
Park Nicollet Clinic - Bloomington	89	43.8%	34.0%	54.2%	Above	Total Population
HealthPartners - Arden Hills	30	43.3%	27.4%	60.8%	Average	Total Population
Allina Health - Highland Park (Aspen)	30	43.3%	27.4%	60.8%	Average	Total Population
Ridgeview Westonka Clinic	74	43.2%	32.6%	54.6%	Above	Total Population
HealthPartners - Apple Valley	51	43.1%	30.5%	56.7%	Average	Total Population
Allina Health - Richfield	158	43.0%	35.6%	50.8%	Above	Total Population
Fairview Crosstown Clinic	79	43.0%	32.7%	54.0%	Above	Total Population
Allina Health - Centennial Lakes (Quello)	100	43.0%	33.7%	52.8%	Above	Total Population
St. Cloud Medical Group - South - IHN	184	42.9%	36.0%	50.2%	Above	Total Population
Allina Health - Shakopee	124	42.7%	34.4%	51.5%	Above	Total Population
Fairview Chisago Lakes Clinic	61	42.6%	31.0%	55.1%	Average	Total Population
Park Nicollet Clinic - Plymouth	64	42.2%	30.9%	54.4%	Average	Total Population
Multicare Associates - Fridley Medical Center	288	41.7%	36.1%	47.4%	Above	Total Population
St. Cloud Medical Group - Clearwater - IHN	53	41.5%	29.3%	54.9%	Average	Total Population
Fairview Ridges Clinic	147	41.5%	33.9%	49.6%	Above	Total Population
HealthPartners - Brooklyn Center	140	41.4%	33.6%	49.7%	Above	Total Population
Park Nicollet Clinic - Carlson	58	41.4%	29.6%	54.2%	Average	Total Population
Park Nicollet Clinic - Prior Lake	39	41.0%	27.1%	56.6%	Average	Total Population
Mayo Clinic Health System Wabasha	39	41.0%	27.1%	56.6%	Average	Total Population
Mankato Clinic - Wickersham Campus	115	40.9%	32.3%	50.0%	Above	Total Population
CentraCare - Northway	86	40.7%	30.9%	51.3%	Average	Total Population
Allina Health - Maplewood (Aspen)	150	40.7%	33.1%	48.7%	Above	Total Population
Albany Medical Center	64	40.6%	29.5%	52.9%	Average	Total Population
HealthPartners - Roseville	42	40.5%	27.0%	55.5%	Average	Total Population
Allina Health - Blaine	62	40.3%	29.0%	52.8%	Average	Total Population
Allina Health - Burnsville (Quello)	97	40.2%	31.0%	50.2%	Average	Total Population
Allina Health - Bandana Square (Aspen)	275	40.0%	34.4%	45.9%	Above	Total Population
Fairview Uptown Clinic	35	40.0%	25.6%	56.4%	Average	Total Population
Olmsted Medical Center - Spring Valley Clinic	30	40.0%	24.6%	57.7%	Average	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	30	40.0%	24.6%	57.7%	Average	Total Population
HealthPartners - Inver Grove Heights	53	39.6%	27.6%	53.1%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	331	39.6%	34.5%	44.9%	Above	Total Population
Mankato Clinic - North Mankato	48	39.6%	27.0%	53.7%	Average	Total Population
FirstLight Health System - Pine City	33	39.4%	24.7%	56.3%	Average	Total Population
Allina Health - Shoreview	56	39.3%	27.6%	52.4%	Average	Total Population
Mayo Clinic Health System Owatonna	415	39.3%	34.7%	44.1%	Above	Total Population
HealthPartners - Woodbury	120	39.2%	30.9%	48.1%	Average	Total Population
Park Nicollet Clinic - Brookdale	309	39.2%	33.9%	44.7%	Above	Total Population
Allina Health - Elk River	69	39.1%	28.5%	50.9%	Average	Total Population
Allina Health - Eagan	110	39.1%	30.5%	48.4%	Average	Total Population
Allina Health - Coon Rapids	1,021	39.0%	36.0%	42.0%	Above	Total Population
Fairview EdenCenter Clinic	118	39.0%	30.7%	48.0%	Average	Total Population
Altru Health System - Crookston	54	38.9%	27.0%	52.2%	Average	Total Population
Park Nicollet Clinic - Golden Valley	36	38.9%	24.8%	55.1%	Average	Total Population
Allina Health - Forest Lake	121	38.8%	30.6%	47.7%	Average	Total Population
Mayo Clinic Health System Faribault Hwy 60	62	38.7%	27.6%	51.2%	Average	Total Population
Fairview Brooklyn Park Clinic	225	38.7%	32.5%	45.2%	Above	Total Population
Stillwater Medical Group - Curve Crest Clinic	213	38.5%	32.2%	45.2%	Above	Total Population

Table 21.1: Optimal Diabetes Care by Clinic - *continued*

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

Clinic Name (Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
Essentia Health - West Duluth Clinic	125	38.4%	30.3%	47.2%	Average	Total Population
HealthEast Downtown St. Paul Clinic	99	38.4%	29.4%	48.2%	Average	Total Population
Fairview Columbia Heights Clinic	147	38.1%	30.6%	46.2%	Average	Total Population
HealthPartners - Riverside	158	38.0%	30.8%	45.7%	Average	Total Population
Apple Valley Medical Clinic - Family Practice	219	37.9%	31.7%	44.5%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	201	37.8%	31.4%	44.7%	Average	Total Population
St. Cloud Medical Group - NW - IHN	291	37.8%	32.4%	43.5%	Above	Total Population
Allina Health - Cambridge	331	37.8%	32.7%	43.1%	Above	Total Population
Allina Health - United Medical Specialties	697	37.7%	34.2%	41.4%	Above	Total Population
Allina Health - Northfield	184	37.5%	30.8%	44.7%	Average	Total Population
Essentia Health - Ely Clinic	64	37.5%	26.7%	49.8%	Average	Total Population
HealthPartners - Andover	56	37.5%	26.0%	50.6%	Average	Total Population
HealthPartners - Maplewood	91	37.4%	28.1%	47.6%	Average	Total Population
Sanford Bemidji Main Clinic Internal Medicine	59	37.3%	26.1%	50.1%	Average	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	43	37.2%	24.4%	52.1%	Average	Total Population
Essentia Health - Hibbing Clinic	76	36.8%	26.9%	48.1%	Average	Total Population
Essentia Health St. Joseph's - Pine River Clinic	38	36.8%	23.4%	52.7%	Average	Total Population
Mayo Clinic - Northeast	30	36.7%	21.9%	54.5%	Average	Total Population
Allina Health - Annandale	30	36.7%	21.9%	54.5%	Average	Total Population
HealthPartners - Bloomington	123	36.6%	28.6%	45.4%	Average	Total Population
Allina Health - Farmington	41	36.6%	23.6%	51.9%	Average	Total Population
Allina Health - Plymouth	99	36.4%	27.6%	46.2%	Average	Total Population
Fairview Blaine Clinic	33	36.4%	22.2%	53.4%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	146	36.3%	29.0%	44.4%	Average	Total Population
Allina Health - Nicollet Mall	146	36.3%	29.0%	44.4%	Average	Total Population
Allina Health - Maple Grove	94	36.2%	27.2%	46.3%	Average	Total Population
Fairview Northeast Clinic	119	36.1%	28.1%	45.1%	Average	Total Population
Essentia Health - Deer River Clinic	100	36.0%	27.3%	45.8%	Average	Total Population
Fairview Highland Park Clinic	39	35.9%	22.7%	51.6%	Average	Total Population
Essentia Health - Hermantown Clinic	67	35.8%	25.4%	47.8%	Average	Total Population
CentraCare Health Plaza - Family Medicine	81	35.8%	26.2%	46.7%	Average	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	70	35.7%	25.5%	47.4%	Average	Total Population
Essentia Health - Lakewalk Clinic	45	35.6%	23.2%	50.2%	Average	Total Population
Fairview Andover Clinic	79	35.4%	25.8%	46.4%	Average	Total Population
Sanford South Moorhead Family Medicine	51	35.3%	23.6%	49.0%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	122	35.3%	27.3%	44.1%	Average	Total Population
Raiter Clinic - IHN	71	35.2%	25.1%	46.8%	Average	Total Population
Rainy Lake Medical Center	37	35.1%	21.8%	51.2%	Average	Total Population
Allina Health - Dean Lakes	43	34.9%	22.4%	49.8%	Average	Total Population
St Luke's Clinics - P.S. Rudie Medical Clinic	66	34.9%	24.5%	46.9%	Average	Total Population
Park Nicollet Clinic - Minneapolis	224	34.8%	28.9%	41.3%	Average	Total Population
Park Nicollet Clinic - Creekside	46	34.8%	22.7%	49.2%	Average	Total Population
Sanford Detroit Lakes Clinic	104	34.6%	26.2%	44.2%	Average	Total Population
Mayo Clinic Health System Waseca	78	34.6%	25.0%	45.7%	Average	Total Population
HealthEast Woodbury Clinic	87	34.5%	25.3%	44.9%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	178	34.3%	27.7%	41.5%	Average	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	41	34.2%	21.6%	49.5%	Average	Total Population
HealthPartners - West	50	34.0%	22.4%	47.9%	Average	Total Population
Avera Medical Group - Worthington	89	33.7%	24.7%	44.0%	Average	Total Population
Park Nicollet Clinic - Chanhasen	101	33.7%	25.2%	43.3%	Average	Total Population
HealthPartners - St Paul	218	33.5%	27.6%	40.0%	Average	Total Population
Allina Health Specialties - ANW General Medicine Associates - Edina	48	33.3%	21.7%	47.5%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	106	33.0%	24.8%	42.4%	Average	Total Population

Table 21.1: Optimal Diabetes Care by Clinic - *continued*

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

Clinic Name (Δ =Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
HealthEast Oakdale	64	32.8%	22.6%	45.0%	Average	Total Population
Essentia Health - Lakeside Clinic	49	32.7%	21.2%	46.6%	Average	Total Population
CentraCare Health - Melrose	49	32.7%	21.2%	46.6%	Average	Total Population
Fairview Princeton Clinic	164	32.3%	25.6%	39.8%	Average	Total Population
Fairview Eagan Clinic	96	32.3%	23.8%	42.2%	Average	Total Population
Allina Health - First Street	146	32.2%	25.2%	40.1%	Average	Total Population
Mankato Clinic - Main Street	150	32.0%	25.1%	39.8%	Average	Total Population
HealthEast Maplewood Clinic	91	31.9%	23.2%	42.0%	Average	Total Population
HealthEast Roseville Clinic	91	31.9%	23.2%	42.0%	Average	Total Population
HealthPartners - Como	113	31.9%	24.0%	40.9%	Average	Total Population
Mayo Clinic Health System St. Peter	113	31.9%	24.0%	40.9%	Average	Total Population
Affiliated Community Medical Centers - New London Clinic	41	31.7%	19.6%	47.0%	Average	Total Population
Δ Endocrinology Clinic of Minneapolis	57	31.6%	21.0%	44.5%	Average	Sample
North Memorial Clinic - Camden Physicians, Mpls	35	31.4%	18.6%	48.0%	Average	Total Population
Allina Health - East Lake Street (Aspen)	118	31.4%	23.7%	40.2%	Average	Total Population
St Luke's Clinics - Internal Medicine Associates	134	31.3%	24.1%	39.6%	Average	Total Population
Mayo Clinic Health System Red Wing	150	31.3%	24.5%	39.1%	Average	Total Population
Essentia Health - Virginia Clinic	157	31.2%	24.5%	38.8%	Average	Total Population
HealthPartners - Midway	141	31.2%	24.1%	39.3%	Average	Total Population
Fairview North Branch Clinic	45	31.1%	19.5%	45.7%	Average	Total Population
HealthPartners - White Bear Lake	42	31.0%	19.1%	46.0%	Average	Total Population
Sanford Luverne Clinic	52	30.8%	19.9%	44.3%	Average	Total Population
HealthPartners - Hlth Ctr for Women	39	30.8%	18.6%	46.4%	Average	Total Population
Fairview Bloomington Lake Xerxes	39	30.8%	18.6%	46.4%	Average	Total Population
Allina Health - Faribault	153	30.7%	24.0%	38.4%	Average	Total Population
HealthEast Rice Street Clinic	189	30.7%	24.6%	37.6%	Average	Total Population
HealthPartners - Anoka	108	30.6%	22.7%	39.8%	Average	Total Population
Allina Health - Lakeville (Quello)	36	30.6%	18.0%	46.9%	Average	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	164	30.5%	24.0%	37.9%	Average	Total Population
Allina Health - Edina	128	30.5%	23.2%	38.9%	Average	Total Population
HealthPartners - Specialty Center 401	139	30.2%	23.2%	38.3%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	159	29.6%	23.0%	37.1%	Average	Total Population
Allina Health - Savage (Quello)	44	29.6%	18.2%	44.2%	Average	Total Population
Johnson Memorial Health Services - Dawson Clinic	44	29.6%	18.2%	44.2%	Average	Total Population
HealthPartners - Adult & Seniors Health	290	29.3%	24.4%	34.8%	Average	Total Population
North Memorial Clinic - Brooklyn Center Physicians	58	29.3%	19.2%	42.0%	Average	Total Population
Fairview Rush City Clinic	48	29.2%	18.2%	43.2%	Average	Total Population
Northwest Family Physicians - Crystal	48	29.2%	18.2%	43.2%	Average	Total Population
Mayo Clinic Health System Fairmont	223	29.2%	23.6%	35.4%	Average	Total Population
United Hospital District Clinic	514	28.6%	24.9%	32.7%	Average	Total Population
Fairview Lino Lakes Clinic	35	28.6%	16.3%	45.1%	Average	Total Population
Sanford South Moorhead Internal Medicine	35	28.6%	16.3%	45.1%	Average	Total Population
University of Minnesota Physicians - Medicine Specialties Clinic 6A	211	28.4%	22.8%	34.9%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	39	28.2%	16.5%	43.8%	Average	Total Population
Kittson Memorial Clinic - Hallock	32	28.1%	15.6%	45.4%	Average	Total Population
Δ Park Nicollet Clinic - St. Louis Park Endocrinology	518	28.0%	24.3%	32.0%	Below	Total Population
Essentia Health - Duluth Clinic 1st St	200	27.5%	21.8%	34.1%	Average	Total Population
Multicare Associates - Blaine Medical Center	204	27.5%	21.8%	34.0%	Average	Total Population
North Memorial Clinic - Brooklyn Park Physicians	77	27.3%	18.6%	38.1%	Average	Total Population
St Luke's Clinics - Duluth Internal Medicine Associates	55	27.3%	17.3%	40.2%	Average	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	162	27.2%	20.9%	34.5%	Average	Total Population
CentraCare Health- Long Prairie	59	27.1%	17.4%	39.6%	Average	Total Population
Mayo Clinic - Speciality Practice	262	27.1%	22.1%	32.8%	Average	Total Population

Table 21.1: Optimal Diabetes Care by Clinic - *continued*

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

Clinic Name (Δ = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
HealthPartners Central Minnesota Clinics	137	27.0%	20.3%	35.0%	Average	Total Population
HealthEast Roselawn Clinic	152	27.0%	20.6%	34.5%	Average	Total Population
Allina Health - Nininger Road	78	26.9%	18.3%	37.7%	Average	Total Population
St Luke's Clinics - Hibbing Family Medical Clinic	82	26.8%	18.4%	37.3%	Average	Total Population
Allina Health - St. Michael	30	26.7%	14.2%	44.5%	Average	Total Population
Fairview Fridley Clinic	114	26.3%	19.1%	35.1%	Average	Total Population
Mayo Clinic Health System Albert Lea	236	26.3%	21.1%	32.2%	Average	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	136	25.7%	19.1%	33.7%	Average	Total Population
Affiliated Community Medical Centers - Benson Clinic	70	25.7%	16.9%	37.0%	Average	Total Population
University of Minnesota Physicians - Bethesda Clinic	214	25.7%	20.3%	32.0%	Below	Total Population
Fairview Elk River Clinic	109	25.7%	18.4%	34.6%	Average	Total Population
Winona Health - Winona Clinic	296	25.7%	21.0%	30.9%	Below	Total Population
HealthEast Grand Avenue Clinic	59	25.4%	16.1%	37.8%	Average	Total Population
Fairview Lakes Medical Center	150	25.3%	19.1%	32.9%	Average	Total Population
Essentia Health Fosston	79	25.3%	17.0%	35.9%	Average	Total Population
Family Medical Center	203	25.1%	19.7%	31.5%	Below	Total Population
Glencoe Regional Health Services - Glencoe	116	25.0%	18.0%	33.6%	Average	Total Population
Olmsted Medical Center - Rochester Northwest	64	25.0%	16.0%	36.8%	Average	Total Population
ΔAllina Health Specialties - Abbott Northwestern Endocrine Ctr	44	25.0%	14.6%	39.4%	Average	Total Population
Lac Qui Parle Clinic	32	25.0%	13.3%	42.1%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	252	24.6%	19.7%	30.3%	Below	Total Population
Essentia Health - Moorhead	49	24.5%	14.6%	38.1%	Average	Total Population
Hutchinson Health - Hutchinson Clinic	160	24.4%	18.4%	31.6%	Below	Total Population
CentraCare Health Plaza - Internal Medicine	78	24.4%	16.2%	34.9%	Average	Total Population
Allina Health - Bloomington (Aspen)	115	24.4%	17.4%	32.9%	Average	Total Population
Gateway Family Health Clinic - Moose Lake	111	24.3%	17.3%	33.1%	Average	Total Population
Sanford Worthington Clinic	66	24.2%	15.5%	35.8%	Average	Total Population
Fairview Zimmerman Clinic	58	24.1%	15.0%	36.5%	Average	Total Population
FirstLight Health System - Mora	100	24.0%	16.7%	33.2%	Average	Total Population
Mayo Clinic Health System Springfield	46	23.9%	13.9%	37.9%	Average	Total Population
North Memorial Clinic - Elk River Physicians	42	23.8%	13.5%	38.5%	Average	Total Population
Mayo Clinic Health System Austin	217	23.5%	18.4%	29.6%	Below	Total Population
CentraCare Health- Sauk Centre	56	23.2%	14.1%	35.8%	Average	Total Population
Glenwood Medical Center	44	22.7%	12.8%	37.0%	Average	Total Population
CentraCare Family Health Center	137	22.6%	16.4%	30.3%	Below	Total Population
University of Minnesota Physicians - Smiley's Clinic	175	22.3%	16.8%	29.0%	Below	Total Population
HealthEast Vadnais Heights Clinic	32	21.9%	11.0%	38.8%	Average	Total Population
University of Minnesota Physicians - Primary Care Center	110	21.8%	15.1%	30.4%	Below	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Center Cl.	107	21.5%	14.8%	30.2%	Below	Total Population
Fairview Bloomington Lake Minneapolis	121	21.5%	15.1%	29.6%	Below	Total Population
Gateway Family Health Clinic - Sandstone	66	21.2%	13.1%	32.5%	Average	Total Population
Burnsville Family Physicians	33	21.2%	10.7%	37.8%	Average	Total Population
NorthPoint Health & Wellness Center	388	20.9%	17.1%	25.2%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	120	20.8%	14.5%	29.0%	Below	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - IM Clinic at Parkside	58	20.7%	12.3%	32.8%	Average	Total Population
Essentia Health - Park Rapids	151	20.5%	14.9%	27.7%	Below	Total Population
Community-University Health Care Center	379	20.3%	16.6%	24.7%	Below	Total Population
Sanford Bemidji 1611 Anne St Clinic	90	20.0%	13.0%	29.4%	Below	Total Population
Buffalo Clinic - Monticello: IHN	85	20.0%	12.9%	29.7%	Below	Total Population
Neighborhood HealthSource - Central Clinic	35	20.0%	10.0%	35.9%	Average	Total Population
Duluth Family Medicine Clinic	91	19.8%	12.9%	29.1%	Below	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	147	19.7%	14.1%	26.9%	Below	Total Population
Ortonville Area Health Services - Northside Medical Clinic	66	19.7%	11.9%	30.8%	Below	Total Population

Table 21.1: Optimal Diabetes Care by Clinic - *continued*

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	40,945	32.1%	31.6%	32.5%		
Renville County Hospital and Clinics - Olivia	46	19.6%	10.7%	33.2%	Average	Total Population
Fairview Riverside Primary Care Clinic	77	19.5%	12.2%	29.7%	Below	Total Population
Winona Health - Family Medicine	121	19.0%	13.0%	26.9%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	258	19.0%	14.7%	24.2%	Below	Total Population
Parkview Medical Clinic	59	18.6%	10.7%	30.4%	Below	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	54	18.5%	10.4%	30.8%	Below	Total Population
Grand Itasca Clinic	329	18.2%	14.4%	22.8%	Below	Total Population
ΔCentraCare Health Plaza - Endocrinology	159	18.2%	13.0%	25.0%	Below	Total Population
University of Minnesota Physicians - Phalen Clinic	144	18.1%	12.6%	25.1%	Below	Total Population
Edina Family Physicians, P.A.	89	18.0%	11.4%	27.2%	Below	Total Population
ΔSt Luke's Clinics - Endocrinology Associates	95	17.9%	11.5%	26.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	103	17.5%	11.4%	25.9%	Below	Total Population
Sawtooth Mountain Clinic, Inc	48	16.7%	8.7%	29.6%	Below	Total Population
Lake View Clinic - Two Harbors	85	16.5%	10.1%	25.8%	Below	Total Population
ΔHennepin Cty Med. Ctr (HCMC) Cls - Hennepin Ctr for Diabetes & Endocr.	201	16.4%	11.9%	22.2%	Below	Total Population
Lake Superior Community Health Center - Duluth	80	16.3%	9.8%	25.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	104	15.4%	9.7%	23.5%	Below	Total Population
Integracare Ltd dba Williams Clinic	39	15.4%	7.3%	29.7%	Below	Total Population
Murray County Clinic	46	15.2%	7.6%	28.2%	Below	Total Population
Riverwood Aitkin Clinic	99	15.2%	9.4%	23.5%	Below	Total Population
Scenic Rivers Health Services - Cook	33	15.2%	6.7%	30.9%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	241	14.5%	10.6%	19.5%	Below	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Cl.	62	14.5%	7.8%	25.3%	Below	Total Population
Indian Health Board of Minneapolis	162	14.2%	9.7%	20.4%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	684	14.0%	11.6%	16.8%	Below	Total Population
Open Door Health Center	36	13.9%	6.1%	28.7%	Below	Total Population
University of Minnesota Physicians - Broadway Family Medicine	203	13.8%	9.7%	19.2%	Below	Total Population
New Hope Crystal Medical Clinic	81	13.6%	7.8%	22.7%	Below	Sample
St Luke's Clinics - Denfeld	59	13.6%	7.0%	24.5%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	316	13.3%	10.0%	17.5%	Below	Total Population
Sanford Bemidji Main Clinic Family Medicine	108	13.0%	7.9%	20.6%	Below	Total Population
West Side Community Health Services - McDonough Homes Clinic	62	12.9%	6.7%	23.5%	Below	Total Population
Mayo Clinic - Kasson	31	12.9%	5.1%	28.9%	Below	Total Population
United Family Medicine	239	12.6%	8.9%	17.4%	Below	Sample
LakeWood Health Center Clinic	41	12.2%	5.3%	25.5%	Below	Total Population
Tyler Medical Clinic - Avera	108	12.0%	7.2%	19.5%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	516	11.1%	8.6%	14.0%	Below	Total Population
Southside Medical Clinic	74	10.8%	5.6%	19.9%	Below	Total Population
West Side Community Health Services - La Clinica	224	10.7%	7.3%	15.5%	Below	Total Population
Buffalo Clinic - IHN	99	10.1%	5.6%	17.6%	Below	Total Population
Wadena Medical Center	122	9.8%	5.7%	16.4%	Below	Total Population
Ridgeview Chaska Clinic - Internal Medicine	41	9.8%	3.9%	22.6%	Below	Total Population
Avera - Pipestone County Medical Center	32	9.4%	3.2%	24.2%	Below	Total Population
AXIS Medical Center	140	9.3%	5.5%	15.2%	Below	Total Population
Riverwood McGregor Clinic	45	8.9%	3.5%	20.7%	Below	Total Population
Sanford Walker Clinic	34	8.8%	3.1%	23.0%	Below	Total Population
RiverView Clinic North	34	8.8%	3.1%	23.0%	Below	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	37	8.1%	2.8%	21.3%	Below	Total Population
Altru Health System - Roseau	38	7.9%	2.7%	20.8%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Coordinated Care Cl.	30	6.7%	1.9%	21.3%	Below	Total Population
St Luke's Clinics - Laurentian	46	6.5%	2.2%	17.5%	Below	Total Population
Mille Lacs Health System - Onamia	39	5.1%	1.4%	16.9%	Below	Sample

Table 21.2: Optimal Diabetes Care by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	40,945	32.1%	31.6%	32.5%		
Northwest Family Physicians	189	54.0%	46.9%	60.9%	Above	Total Population
Entira Family Clinics	2,621	52.5%	50.6%	54.4%	Above	Total Population
Family Practice Medical Center of Willmar	160	52.5%	44.8%	60.1%	Above	Total Population
France Avenue Family Physicians - Minnesota Healthcare Network	79	48.1%	37.4%	59.0%	Above	Total Population
Albany Medical Center	64	40.6%	29.5%	52.9%	Average	Total Population
Park Nicollet Health Services	2,569	40.1%	38.2%	42.0%	Above	Total Population
Allina Health Clinics	6,304	39.4%	38.2%	40.7%	Above	Total Population
Affiliated Community Medical Centers	1,066	39.2%	36.3%	42.2%	Above	Total Population
Stillwater Medical Group	217	39.2%	32.9%	45.8%	Above	Total Population
Apple Valley Medical Clinic	219	37.9%	31.7%	44.5%	Average	Total Population
Mankato Clinic, Ltd.	361	36.8%	32.0%	41.9%	Average	Total Population
Fairview Mesaba Clinics	36	36.7%	23.0%	53.0%	Average	Sample
HealthPartners Clinics	2,436	36.6%	34.7%	38.5%	Above	Total Population
Multicare Associates	528	36.6%	32.6%	40.7%	Above	Total Population
Fairview Health Services	2,759	35.9%	34.1%	37.7%	Above	Total Population
Allina Health Specialties	302	35.4%	30.3%	41.0%	Average	Total Population
Mayo Clinic Health System	2,383	34.6%	32.7%	36.6%	Above	Total Population
Essentia Health - East Region	1,003	34.1%	31.2%	37.1%	Average	Total Population
Integrity Health Network	871	33.2%	30.1%	36.4%	Average	Total Population
Ridgeview Clinics	200	33.0%	26.9%	39.8%	Average	Total Population
HealthEast Clinics	994	32.9%	30.1%	35.9%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	107	32.7%	24.6%	42.1%	Average	Total Population
Essentia Health - Central Region	363	32.2%	27.6%	37.2%	Average	Total Population
Endocrinology Clinic of Mpls.	57	31.6%	21.0%	44.5%	Average	Sample
Lakewood Health System	32	31.3%	18.0%	48.6%	Average	Total Population
North Memorial	440	30.7%	26.6%	35.1%	Average	Total Population
Mayo Clinic	548	30.1%	26.4%	34.1%	Average	Total Population
Dawson Clinic	44	29.6%	18.2%	44.2%	Average	Total Population
Sanford Health - Fargo Region	727	29.4%	26.2%	32.9%	Average	Total Population
CentraCare Health	762	29.4%	26.3%	32.7%	Average	Total Population
Sanford Health - Sioux Falls Region	241	28.6%	23.3%	34.6%	Average	Total Population
United Hospital District Clinic	514	28.6%	24.9%	32.7%	Average	Total Population
Kittson Memorial Clinic	32	28.1%	15.6%	45.4%	Average	Total Population
Olmsted Medical Center	458	28.0%	24.0%	32.2%	Average	Total Population
HealthPartners Central Minnesota Clinics	137	27.0%	20.3%	35.0%	Average	Total Population
Alexandria Clinic	163	27.0%	20.8%	34.3%	Average	Total Population
Glencoe Regional Health Services	131	26.0%	19.2%	34.1%	Average	Total Population
FirstLight Health System	162	25.9%	19.8%	33.2%	Average	Total Population
Unity Family Healthcare, Family Medical Center	213	25.8%	20.4%	32.1%	Below	Total Population
Essentia Health St. Mary's	156	25.0%	18.9%	32.3%	Average	Total Population
Lac Qui Parle Clinic	32	25.0%	13.3%	42.1%	Average	Total Population
Hutchinson Health	169	24.9%	18.9%	31.9%	Below	Total Population
Gateway Family Health Clinic	182	24.7%	19.0%	31.5%	Below	Total Population

Table 21.2: Optimal Diabetes Care by Medical Group - *continued*

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	40,945	32.1%	31.6%	32.5%		
St. Luke's Clinics	580	24.5%	21.2%	28.1%	Below	Total Population
First Care Medical Services	88	23.9%	16.2%	33.7%	Average	Total Population
Altru Health System	101	23.8%	16.5%	32.9%	Average	Total Population
Winona Health	428	23.6%	19.8%	27.8%	Below	Total Population
Essentia Health - West	225	23.6%	18.5%	29.5%	Below	Total Population
Renville County Hospital and Clinics	73	23.3%	15.1%	34.2%	Average	Total Population
Glenwood Medical Center	52	23.1%	13.7%	36.1%	Average	Total Population
CentraCare Family Health Center	137	22.6%	16.4%	30.3%	Below	Total Population
University of Minnesota Physicians	1,078	22.1%	19.7%	24.7%	Below	Total Population
Burnsville Family Physicians	33	21.2%	10.7%	37.8%	Average	Total Population
NorthPoint Health & Wellness Center	388	20.9%	17.1%	25.2%	Below	Total Population
Community University Health Care Center	379	20.3%	16.6%	24.7%	Below	Total Population
Murray County Clinic	60	20.0%	11.8%	31.8%	Below	Total Population
Duluth Family Medicine Clinic	91	19.8%	12.9%	29.1%	Below	Total Population
Ortonville Area Health Services - Northside Medical Clinic	66	19.7%	11.9%	30.8%	Below	Total Population
Neighborhood Healthsource	173	19.7%	14.4%	26.2%	Below	Total Population
Avera Medical Group	272	19.5%	15.2%	24.6%	Below	Total Population
Scenic Rivers Health Services	104	19.2%	12.8%	27.9%	Below	Total Population
Parkview Medical Clinic - Minnesota Healthcare Network	59	18.6%	10.7%	30.4%	Below	Total Population
Grand Itasca Clinic	329	18.2%	14.4%	22.8%	Below	Total Population
Lake Region Healthcare	161	18.0%	12.8%	24.7%	Below	Total Population
Edina Family Physicians, P.A.	89	18.0%	11.4%	27.2%	Below	Total Population
Sawtooth Mountain Clinic	48	16.7%	8.7%	29.6%	Below	Total Population
Lake View Clinic - Two Harbors	85	16.5%	10.1%	25.8%	Below	Total Population
Lake Superior Community Health Center	80	16.3%	9.8%	25.8%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics	1,665	15.6%	13.9%	17.4%	Below	Total Population
Williams Integracare Clinic	39	15.4%	7.3%	29.7%	Below	Total Population
West Side Community Health Services	544	14.9%	12.1%	18.1%	Below	Total Population
Indian Health Board of Minneapolis	162	14.2%	9.7%	20.4%	Below	Total Population
Open Door Health Center	36	13.9%	6.1%	28.7%	Below	Total Population
New Hope Crystal Medical Clinic	81	13.6%	7.8%	22.7%	Below	Sample
Cedar Riverside People's Center	316	13.3%	10.0%	17.5%	Below	Total Population
United Family Medicine	239	12.6%	8.9%	17.4%	Below	Sample
Riverwood Healthcare Center	154	12.3%	8.0%	18.5%	Below	Total Population
Southside Community Health Services	82	12.2%	6.8%	21.0%	Below	Total Population
Lakewood Health Center Clinic	41	12.2%	5.3%	25.5%	Below	Total Population
Open Cities Health Center	516	11.1%	8.6%	14.0%	Below	Total Population
Tri-County Hospital	162	10.5%	6.7%	16.2%	Below	Total Population
Axis Medical Center	140	9.3%	5.5%	15.2%	Below	Total Population
RiverView Health	44	9.1%	3.6%	21.2%	Below	Total Population
Prairie Ridge Hospital & Health Services	67	9.0%	4.2%	18.2%	Below	Total Population
Mille Lacs Health System	39	5.1%	1.4%	16.9%	Below	Sample

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

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	12,491	35.9%	35.1%	36.7%		
Allina Health - West St. Paul	67	74.6%	63.1%	83.5%	Above	Total Population
Allina Health - Northfield	47	72.3%	58.2%	83.1%	Above	Total Population
Fairview Uptown Clinic	39	71.8%	56.2%	83.5%	Above	Total Population
Allina Health - Forest Lake	38	71.1%	55.2%	83.0%	Above	Total Population
Allina Health - Richfield	62	71.0%	58.7%	80.8%	Above	Total Population
CentraCare Clinic - Northway	31	71.0%	53.4%	83.9%	Above	Total Population
Allina Health - Centennial Lakes (Quello)	31	71.0%	53.4%	83.9%	Above	Total Population
Fairview North Branch Clinic	66	69.7%	57.8%	79.5%	Above	Total Population
Allina Health - First Street	46	69.6%	55.2%	80.9%	Above	Total Population
Allina Health - Cottage Grove	51	68.6%	55.0%	79.7%	Above	Total Population
HealthPartners Central Minnesota Clinics	103	68.0%	58.4%	76.2%	Above	Total Population
Allina Health - Coon Rapids	191	64.9%	57.9%	71.3%	Above	Total Population
Allina Health - Nicollet Mall	31	64.5%	47.0%	78.9%	Above	Total Population
Allina Health - Cambridge	110	63.6%	54.3%	72.0%	Above	Total Population
Fairview Oxboro Clinic	46	63.0%	48.6%	75.5%	Above	Total Population
Allina Health - East Lake Street (Aspen)	76	61.8%	50.6%	71.9%	Above	Total Population
Fairview Lakes Medical Center	70	61.4%	49.7%	72.0%	Above	Total Population
CentraCare Health Plaza - Family Medicine	44	61.4%	46.6%	74.3%	Above	Total Population
Fairview CedarRidge Clinic	56	60.7%	47.6%	72.4%	Above	Total Population
Park Nicollet Clinic - Bloomington	33	60.6%	43.7%	75.3%	Above	Total Population
#Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Pediatric Cl.	62	58.1%	45.7%	69.5%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	109	57.8%	48.4%	66.7%	Above	Total Population
Allina Health - Ramsey	33	57.6%	40.8%	72.8%	Above	Total Population
Allina Health - Shakopee	33	57.6%	40.8%	72.8%	Above	Total Population
Allina Health - Woodbury	49	57.1%	43.3%	70.0%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	37	56.8%	40.9%	71.3%	Above	Total Population
Allina Health - Buffalo	64	56.3%	44.1%	67.7%	Above	Total Population
Fairview Elk River Clinic	41	56.1%	41.0%	70.1%	Above	Total Population
HealthPartners - Brooklyn Center	68	55.9%	44.1%	67.1%	Above	Total Population
■Park Nicollet Clinic - St. Louis Park Asthma and Allergy	34	55.9%	39.5%	71.1%	Above	Total Population
HealthPartners - Riverside	71	54.9%	43.4%	66.0%	Above	Total Population
Essentia Health St. Joseph's Baxter Clinic	51	54.9%	41.4%	67.7%	Above	Total Population
Allina Health - Eagan	33	54.6%	38.0%	70.2%	Above	Total Population
Allina Health - Maplewood (Aspen)	82	53.7%	42.9%	64.0%	Above	Total Population
Essentia Health - St. Mary's - Superior Clinic	45	53.3%	39.1%	67.1%	Above	Total Population
Park Nicollet Clinic - Shakopee	49	53.1%	39.4%	66.3%	Above	Total Population
Allina Health Specialties - New Ulm Medical Center	53	52.8%	39.7%	65.6%	Above	Total Population
Park Nicollet Clinic - Maple Grove	38	52.6%	37.3%	67.5%	Above	Total Population
Park Nicollet Clinic - Eagan	42	52.4%	37.7%	66.6%	Above	Total Population
Fairview Princeton Clinic	60	51.7%	39.3%	63.8%	Above	Total Population
Fairview Lino Lakes Clinic	37	51.4%	35.9%	66.6%	Above	Total Population
Fairview Fridley Clinic	81	50.6%	40.0%	61.2%	Above	Total Population

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

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	12,491	35.9%	35.1%	36.7%		
Park Nicollet Clinic - Brookdale	95	50.5%	40.7%	60.4%	Above	Total Population
Fairview Ridges Clinic	64	50.0%	38.1%	61.9%	Above	Total Population
Fairview Northeast Clinic	50	50.0%	36.6%	63.4%	Above	Total Population
Allina Health - Faribault	50	50.0%	36.6%	63.4%	Above	Total Population
Fairview Egan Clinic	42	50.0%	35.5%	64.5%	Average	Total Population
Allina Health - Bloomington (Aspen)	38	50.0%	34.9%	65.2%	Average	Total Population
HealthPartners - Maplewood	88	48.9%	38.7%	59.1%	Above	Total Population
Fairview Columbia Heights Clinic	74	48.7%	37.6%	59.8%	Above	Total Population
Fairview Lakeville Clinic	35	48.6%	33.0%	64.4%	Average	Total Population
Fairview Chisago Lakes Clinic	33	48.5%	32.5%	64.8%	Average	Total Population
Mankato Clinic - Main Street	50	48.0%	34.8%	61.5%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	119	47.9%	39.1%	56.8%	Above	Total Population
Affiliated Community Medical Centers - Willmar Clinic	127	46.5%	38.0%	55.1%	Above	Total Population
Allina Health - Bandana Square (Aspen)	74	46.0%	35.1%	57.2%	Average	Total Population
Fairview Hiawatha Clinic	41	43.9%	29.9%	59.0%	Average	Total Population
Fairview Zimmerman Clinic	32	43.8%	28.2%	60.7%	Average	Total Population
HealthPartners - Como	54	42.6%	30.3%	55.8%	Average	Total Population
Mayo Clinic Health System Red Wing	45	42.2%	29.0%	56.7%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	64	42.2%	30.9%	54.4%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	76	42.1%	31.7%	53.3%	Average	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	39	41.0%	27.1%	56.6%	Average	Total Population
HealthPartners - Anoka	77	40.3%	30.0%	51.4%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	30	40.0%	24.6%	57.7%	Average	Total Population
HealthPartners - Coon Rapids	86	39.5%	29.9%	50.1%	Average	Total Population
Fairview Riverside	38	39.5%	25.6%	55.3%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	66	39.4%	28.5%	51.5%	Average	Total Population
Fairview Brooklyn Park Clinic	87	37.9%	28.5%	48.4%	Average	Total Population
Fairview Riverside Primary Care Clinic	38	36.8%	23.4%	52.7%	Average	Total Population
Park Nicollet Clinic - Minneapolis	90	36.7%	27.5%	47.0%	Average	Total Population
Fairview Bloomington Lake Minneapolis	30	36.7%	21.9%	54.5%	Average	Total Population
Affiliated Community Medical Centers - Marshall Clinic	74	36.5%	26.4%	47.9%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Park Clinic	50	36.0%	24.1%	49.9%	Average	Total Population
HealthPartners - Woodbury	60	35.0%	24.2%	47.6%	Average	Total Population
Mayo Clinic Health System Owatonna	52	34.6%	23.2%	48.2%	Average	Total Population
Park Nicollet Clinic - Burnsville	81	34.6%	25.1%	45.4%	Average	Total Population
Essentia Health - Park Rapids	44	34.1%	21.9%	48.9%	Average	Total Population
HealthPartners - Hlth Ctr for Women	33	33.3%	19.8%	50.4%	Average	Total Population
HealthPartners - Bloomington	45	31.1%	19.5%	45.7%	Average	Total Population
University of Minnesota Physicians - Smiley's Clinic	81	30.9%	21.9%	41.6%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	55	29.1%	18.8%	42.1%	Average	Total Population
HealthEast Rice Street Clinic	69	29.0%	19.6%	40.6%	Average	Total Population
HealthPartners - Specialty Center 401	98	28.6%	20.6%	38.2%	Average	Total Population

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

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	12,491	35.9%	35.1%	36.7%		
HealthEast Maplewood Clinic	35	28.6%	16.3%	45.1%	Average	Total Population
St Luke's Clinics - P.S. Rudie Medical Clinic	33	27.3%	15.1%	44.2%	Average	Total Population
Sanford Bemidji Main Clinic Family Medicine	37	27.0%	15.4%	43.0%	Average	Total Population
HealthEast Roselawn Clinic	60	26.7%	17.1%	39.0%	Average	Total Population
Mayo Clinic Health System Austin	34	26.5%	14.6%	43.1%	Average	Total Population
University of Minnesota Physicians - Phalen Clinic	43	25.6%	14.9%	40.2%	Average	Total Population
Park Nicollet Clinic - Chanhassen	33	24.2%	12.8%	41.0%	Average	Total Population
Native American Community Clinic	62	24.2%	15.3%	36.2%	Average	Total Population
University of Minnesota Physicians - Broadway Family Medicine	192	22.9%	17.5%	29.4%	Below	Total Population
University of Minnesota Physicians - Bethesda Clinic	110	22.7%	15.9%	31.4%	Below	Total Population
Northwest Family Physicians - Crystal	44	22.7%	12.8%	37.0%	Average	Total Population
HealthPartners - St Paul	106	22.6%	15.7%	31.5%	Below	Total Population
Multicare Associates - Fridley Medical Center	36	22.2%	11.7%	38.1%	Average	Total Population
Southside Medical Clinic	32	21.9%	11.0%	38.8%	Average	Total Population
Grand Itasca Clinic	96	19.8%	13.1%	28.9%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	212	18.4%	13.8%	24.2%	Below	Total Population
Buffalo Clinic - IHN	33	18.2%	8.6%	34.4%	Below	Total Population
HealthPartners - Midway	61	16.4%	9.2%	27.6%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	31	16.1%	7.1%	32.6%	Below	Total Population
NorthPoint Health & Wellness Center	176	15.3%	10.8%	21.4%	Below	Total Population
Mayo Clinic Health System Albert Lea	46	15.2%	7.6%	28.2%	Below	Total Population
CentraCare Family Health Center	45	13.3%	6.3%	26.2%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Center Clinic	40	12.5%	5.5%	26.1%	Below	Total Population
United Family Medicine	146	12.3%	7.9%	18.7%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	74	12.2%	6.5%	21.5%	Below	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	46	10.9%	4.7%	23.0%	Below	Total Population
North Memorial Clinic - Camden Physicians, Mpls	32	9.4%	3.2%	24.2%	Below	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	41	7.3%	2.5%	19.4%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	41	7.3%	2.5%	19.4%	Below	Total Population
St. Cloud Medical Group - NW - IHN	45	6.7%	2.3%	17.9%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	48	6.3%	2.2%	16.8%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	195	6.2%	3.6%	10.5%	Below	Total Population
Sanford Detroit Lakes Clinic	33	6.1%	1.7%	19.6%	Below	Total Population
Community-University Health Care Center	122	4.9%	2.3%	10.3%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	64	4.7%	1.6%	12.9%	Below	Total Population
Buffalo Clinic - Monticello: IHN	46	4.4%	1.2%	14.5%	Below	Total Population
North Clinic - Oakdale Office in Robbinsdale	45	0.0%	0.0%	7.9%	Below	Total Population
North Clinic - Maple Grove Office	34	0.0%	0.0%	10.2%	Below	Total Population
Winona Health - Winona Clinic	45	0.0%	0.0%	7.9%	Below	Total Population
Cuyuna Regional Medical Center - Clinic Services	31	0.0%	0.0%	11.0%	Below	Total Population
Tri-County Health Care - Wadena Clinic	32	0.0%	0.0%	10.7%	Below	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Positive Care Clinic	35	0.0%	0.0%	9.9%	Below	Total Population

Table 22.2: Optimal Asthma Care – Adults Ages 18-50 by Medical Group

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

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	12,491	35.9%	35.1%	36.7%		
HealthPartners Central Minnesota Clinics	103	68.0%	58.4%	76.2%	Above	Total Population
Allina Health Clinics	1,622	61.9%	59.5%	64.2%	Above	Total Population
CentraCare Health	179	57.5%	50.2%	64.6%	Above	Total Population
#Children's Respiratory & Critical Care Specialists	37	56.8%	40.9%	71.3%	Above	Total Population
Olmsted Medical Center	180	53.3%	46.1%	60.5%	Above	Total Population
Mankato Clinic, Ltd.	97	52.6%	42.7%	62.2%	Above	Total Population
Fairview Health Services	1,414	51.7%	49.1%	54.3%	Above	Total Population
Park Nicollet Health Services	822	47.9%	44.5%	51.4%	Above	Total Population
FirstLight Health System	41	46.3%	32.1%	61.3%	Average	Total Population
Essentia Health - Central Region	125	43.2%	34.9%	52.0%	Average	Total Population
■Allergy & Asthma Specialists, PA	63	42.9%	31.4%	55.1%	Average	Total Population
Allina Health Specialties	82	42.7%	32.5%	53.5%	Average	Total Population
Essentia Health - East Region	352	41.5%	36.5%	46.7%	Above	Total Population
Essentia Health St. Mary's	39	41.0%	27.1%	56.6%	Average	Total Population
HealthPartners Clinics	1,140	40.3%	37.5%	43.1%	Above	Total Population
Stillwater Medical Group	70	40.0%	29.3%	51.7%	Average	Total Population
Mayo Clinic Health System	404	38.9%	34.2%	43.7%	Average	Total Population
Affiliated Community Medical Centers	316	38.0%	32.8%	43.4%	Average	Total Population
Entira Family Clinics	172	36.1%	29.3%	43.5%	Average	Total Population
Essentia Health - West	145	34.5%	27.2%	42.5%	Average	Total Population
Northwest Family Physicians	66	28.8%	19.3%	40.6%	Average	Total Population
HealthEast Clinics	303	26.7%	22.1%	32.0%	Below	Total Population
Southside Community Health Services	38	26.3%	15.0%	42.0%	Average	Total Population
Multicare Associates	73	24.7%	16.2%	35.6%	Below	Total Population
■Minnesota Lung Center/Minnesota Sleep Institute	33	24.2%	12.8%	41.0%	Average	Total Population
Native American Community Clinic	62	24.2%	15.3%	36.2%	Average	Total Population
University of Minnesota Physicians	446	24.0%	20.3%	28.2%	Below	Total Population
Mayo Clinic	84	23.8%	16.0%	33.9%	Below	Total Population
St. Luke's Clinics	149	20.8%	15.1%	28.0%	Below	Total Population
Grand Itasca Clinic	96	19.8%	13.1%	28.9%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics	836	19.6%	17.1%	22.5%	Below	Total Population
North Memorial	218	17.9%	13.4%	23.5%	Below	Total Population
Sanford Health - Fargo Region	309	17.5%	13.7%	22.1%	Below	Total Population
NorthPoint Health & Wellness Center	176	15.3%	10.8%	21.4%	Below	Total Population
Sanford Health - Sioux Falls Region	220	14.6%	10.5%	19.8%	Below	Total Population
CentraCare Family Health Center	45	13.3%	6.3%	26.2%	Below	Total Population
Neighborhood Healthsource	48	12.5%	5.9%	24.7%	Below	Total Population
United Family Medicine	146	12.3%	7.9%	18.7%	Below	Total Population
Integrity Health Network	188	10.6%	7.0%	15.9%	Below	Total Population
Lake Region Healthcare	50	10.0%	4.4%	21.4%	Below	Total Population
Alexandria Clinic	41	7.3%	2.5%	19.4%	Below	Total Population
Open Cities Health Center	48	6.3%	2.2%	16.8%	Below	Total Population
Community University Health Care Center	122	4.9%	2.3%	10.3%	Below	Total Population
Cedar Riverside People's Center	64	4.7%	1.6%	12.9%	Below	Total Population
West Side Community Health Services	66	4.6%	1.6%	12.5%	Below	Total Population
Avera Medical Group	37	2.7%	0.5%	13.8%	Below	Total Population
North Clinic	116	0.0%	0.0%	3.2%	Below	Total Population
Altru Health System	50	0.0%	0.0%	7.1%	Below	Total Population
Ridgeview Clinics	44	0.0%	0.0%	8.0%	Below	Total Population
Winona Health	50	0.0%	0.0%	7.1%	Below	Total Population
Cuyuna Regional Medical Center	34	0.0%	0.0%	10.2%	Below	Total Population
Riverwood Healthcare Center	44	0.0%	0.0%	8.0%	Below	Total Population
Tri-County Health Care	47	0.0%	0.0%	7.6%	Below	Total Population
Stevens Community Medical Center	30	0.0%	0.0%	11.4%	Below	Mixed

Table 23.1: Colorectal Cancer Screening by Clinic
(Clinics with 30+ Minnesota Health Care Programs patients in denominator)

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Fairview Rogers Clinic	39	82.1%	67.3%	91.0%	Above	Total Population
CentraCare Clinic - Becker	44	79.6%	65.5%	88.9%	Above	Total Population
CentraCare Health Plaza - Internal Medicine	91	79.1%	69.7%	86.2%	Above	Total Population
CentraCare Health- Sauk Centre	65	76.9%	65.4%	85.5%	Above	Total Population
Allina Health - Farmington	77	76.6%	66.1%	84.7%	Above	Total Population
Fairview Crosstown Clinic	179	76.5%	69.8%	82.2%	Above	Total Population
Mayo Clinic Health System Montgomery	38	76.3%	60.8%	87.0%	Above	Total Population
HealthPartners - Ctr for Internatl Hlth	387	76.2%	71.7%	80.2%	Above	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	100	76.0%	66.8%	83.3%	Above	Total Population
Gundersen Health System - La Crescent Clinic	36	75.0%	58.9%	86.3%	Above	Total Population
Mayo Clinic Health System St. Peter	102	74.5%	65.3%	82.0%	Above	Total Population
Fairview Savage Clinic	42	73.8%	58.9%	84.7%	Above	Total Population
Sanford Bemidji Black Duck Clinic	49	73.5%	59.7%	83.8%	Above	Total Population
Fairview RidgeValley Clinic	63	73.0%	61.0%	82.4%	Above	Total Population
Essentia Health - Aurora Clinic	100	73.0%	63.6%	80.7%	Above	Total Population
Mayo Clinic Health System Fairmont	295	72.9%	67.5%	77.6%	Above	Total Population
Mayo Clinic Health System Faribault Hwy 60	136	72.8%	64.8%	79.6%	Above	Total Population
Lakewood Health System - Staples Clinic	55	72.7%	59.8%	82.7%	Above	Total Population
Fairview CedarRidge Clinic	207	72.5%	66.0%	78.1%	Above	Total Population
Fairview Oxboro Clinic	301	72.4%	67.1%	77.2%	Above	Total Population
Allina Health Specialties - ANW General Medicine Associates - Edina	87	72.4%	62.2%	80.7%	Above	Total Population
CentraCare River Campus - Internal Medicine	137	72.3%	64.2%	79.1%	Above	Total Population
^ CentraCare Health Plaza - Obstetrics and Women's Clinic	64	71.9%	59.9%	81.4%	Above	Total Population
Sanford Cass Lake Clinic	46	71.7%	57.5%	82.7%	Above	Total Population
HealthPartners - White Bear Lake	121	71.1%	62.5%	78.4%	Above	Total Population
Fairview Ridges Clinic	268	70.9%	65.2%	76.0%	Above	Total Population
CentraCare Clinic - Northway	189	70.9%	64.1%	76.9%	Above	Total Population
Fairview Bass Lake Clinic	48	70.8%	56.8%	81.8%	Above	Total Population
^ Allina Health - Sharpe Dillon Cockson & Associates PA	34	70.6%	53.8%	83.2%	Above	Total Population
Fairview Andover Clinic	163	69.9%	62.5%	76.5%	Above	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	319	69.9%	64.7%	74.7%	Above	Total Population
Allina Health - Hopkins (Aspen)	76	69.7%	58.7%	78.9%	Above	Total Population
Mayo Clinic Health System Mankato Eastridge	179	69.3%	62.2%	75.6%	Above	Total Population
CentraCare Health - Melrose	39	69.2%	53.6%	81.4%	Above	Total Population
Fairview Elk River Clinic	123	69.1%	60.5%	76.6%	Above	Total Population
Allina Health - North Branch	42	69.1%	54.0%	80.9%	Above	Total Population
Allina Health - Nininger Road	103	68.9%	59.5%	77.1%	Above	Total Population
Fairview Chisago Lakes Clinic	160	68.8%	61.2%	75.4%	Above	Total Population
Fairview St. Francis Clinic	32	68.8%	51.4%	82.1%	Average	Total Population
Allina Health - Uptown	147	68.7%	60.8%	75.7%	Above	Total Population
Mankato Clinic - Main Street	268	68.7%	62.9%	73.9%	Above	Total Population
HealthPartners - Nokomis	44	68.2%	53.4%	80.0%	Above	Total Population
Allina Health - Buffalo	241	67.6%	61.5%	73.2%	Above	Total Population
Affiliated Community Medical Centers - New London Clinic	71	67.6%	56.1%	77.3%	Above	Total Population
Fairview Eagan Clinic	154	67.5%	59.8%	74.4%	Above	Total Population
Fairview Fridley Clinic	283	67.5%	61.8%	72.7%	Above	Total Population
HealthPartners - Adult & Seniors Health	365	67.4%	62.4%	72.0%	Above	Total Population
Mankato Clinic - North Mankato	82	67.1%	56.3%	76.3%	Above	Total Population
Essentia Health - Duluth Clinic 1st St	412	67.0%	62.3%	71.4%	Above	Total Population
Fairview Highland Park Clinic	109	67.0%	57.7%	75.1%	Above	Total Population
Affiliated Community Medical Centers - Marshall Clinic	261	66.7%	60.7%	72.1%	Above	Total Population
Fairview Princeton Clinic	255	66.7%	60.7%	72.2%	Above	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Fairview Hiawatha Clinic	210	66.7%	60.0%	72.7%	Above	Total Population
HealthPartners - Arden Hills	114	66.7%	57.6%	74.7%	Above	Total Population
Fairview Rosemount Clinic	51	66.7%	53.0%	78.0%	Average	Total Population
Fairview Brooklyn Park Clinic	362	66.6%	61.6%	71.2%	Above	Total Population
Fairview Uptown Clinic	103	66.0%	56.4%	74.4%	Above	Total Population
Park Nicollet Clinic - Prairie Center	91	65.9%	55.7%	74.9%	Above	Total Population
Mayo Clinic - Kasson	117	65.8%	56.8%	73.8%	Above	Total Population
HealthPartners - Coon Rapids	314	65.6%	60.2%	70.6%	Above	Total Population
Park Nicollet Clinic - Plymouth	122	65.6%	56.8%	73.4%	Above	Total Population
Mayo Clinic Health System Mankato Northridge	101	65.4%	55.7%	73.9%	Above	Total Population
CentraCare Health - Long Prairie	72	65.3%	53.8%	75.3%	Above	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	357	65.3%	60.2%	70.0%	Above	Total Population
HealthPartners - Midway	379	65.2%	60.2%	69.8%	Above	Total Population
Mayo Clinic Health System Springfield	66	65.2%	53.1%	75.5%	Above	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	103	65.1%	55.5%	73.6%	Above	Total Population
HealthEast Roseville Clinic	194	65.0%	58.0%	71.3%	Above	Total Population
HealthPartners - Eagan	57	64.9%	51.9%	76.0%	Average	Total Population
North Memorial Clinic - Brooklyn Center Physicians	151	64.9%	57.0%	72.1%	Above	Total Population
Sanford Broadway Internal Medicine Clinic	85	64.7%	54.1%	74.0%	Above	Total Population
Mayo Clinic Health System Owatonna	500	64.6%	60.3%	68.7%	Above	Total Population
HealthPartners - West	141	64.5%	56.4%	72.0%	Above	Total Population
Allina Health - Ramsey	160	64.4%	56.7%	71.4%	Above	Total Population
HealthPartners - Inver Grove Heights	109	64.2%	54.9%	72.6%	Above	Total Population
Allina Health - Chanhassen (Quello)	173	64.2%	56.8%	70.9%	Above	Total Population
Sanford Perham Clinic	117	64.1%	55.1%	72.2%	Above	Total Population
Fairview Northeast Clinic	169	63.9%	56.4%	70.8%	Above	Total Population
Essentia Health - St. Mary's - Superior Clinic	177	63.8%	56.5%	70.6%	Above	Total Population
Scenic Rivers Health Services - Northome	47	63.8%	49.5%	76.0%	Average	Total Population
Allina Health - Richfield	317	63.7%	58.3%	68.8%	Above	Total Population
HealthPartners - Apple Valley	146	63.7%	55.6%	71.1%	Above	Total Population
HealthPartners - Maplewood	267	63.7%	57.8%	69.2%	Above	Total Population
Fairview Milaca Clinic	110	63.6%	54.3%	72.0%	Above	Total Population
University of Minnesota Physicians - Mill City Clinic	55	63.6%	50.4%	75.1%	Average	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	96	63.5%	53.6%	72.5%	Above	Total Population
Mayo Clinic Health System Cannon Falls	63	63.5%	51.2%	74.3%	Average	Total Population
Mayo Clinic Health System Wabasha	87	63.2%	52.7%	72.6%	Average	Total Population
HealthPartners - Roseville	95	63.2%	53.1%	72.2%	Above	Total Population
Fairview Maple Grove Medical Center	76	63.2%	51.9%	73.1%	Average	Total Population
North Memorial Clinic - Minnetonka Physicians	76	63.2%	51.9%	73.1%	Average	Total Population
Allina Health - Isles	141	63.1%	54.9%	70.6%	Above	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	394	62.9%	58.1%	67.6%	Above	Total Population
HealthPartners - Andover	143	62.9%	54.8%	70.4%	Above	Total Population
HealthEast Midway Clinic	151	62.9%	55.0%	70.2%	Above	Total Population
Mayo Clinic Health System Le Sueur	70	62.9%	51.2%	73.2%	Average	Total Population
Cromwell Medical Clinic - IHN	35	62.9%	46.3%	76.8%	Average	Total Population
Allina Health - Cambridge	688	62.7%	59.0%	66.2%	Above	Total Population
Sanford Bemidji Main Clinic Family Medicine	259	62.6%	56.5%	68.2%	Above	Total Population
Allina Health - Savage (Quello)	80	62.5%	51.6%	72.3%	Average	Total Population
HealthPartners - Woodbury	292	62.3%	56.6%	67.7%	Above	Total Population
^ HealthPartners - Hlth Ctr for Women	119	62.2%	53.2%	70.4%	Above	Total Population
Mayo Clinic Health System St. James	137	62.0%	53.7%	69.7%	Above	Total Population
Essentia Health - Moorhead	79	62.0%	51.0%	71.9%	Average	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Fairview Lakeville Clinic	50	62.0%	48.2%	74.1%	Average	Total Population
Allina Health - Blaine	105	61.9%	52.4%	70.6%	Average	Total Population
HealthEast Cottage Grove Clinic	63	61.9%	49.6%	72.9%	Average	Total Population
Burnsville Family Physicians	63	61.9%	49.6%	72.9%	Average	Total Population
CentraCare Clinic - Big Lake	42	61.9%	46.8%	75.0%	Average	Total Population
Sanford Southpointe Family Medicine	68	61.8%	49.9%	72.4%	Average	Total Population
Fairview Lakes Medical Center	250	61.6%	55.4%	67.4%	Above	Total Population
St. Cloud Medical Group - Clearwater - IHN	70	61.4%	49.7%	72.0%	Average	Total Population
Mayo Clinic Health System Albert Lea	502	61.4%	57.0%	65.5%	Above	Total Population
HealthPartners - Brooklyn Center	385	61.3%	56.3%	66.0%	Above	Total Population
Buffalo Clinic - IHN	216	61.1%	54.5%	67.4%	Above	Total Population
Entira Family Clinics - White Bear Lake - Bellaire Avenue	54	61.1%	47.8%	73.0%	Average	Total Population
Fairview Columbia Heights Clinic	347	61.1%	55.9%	66.1%	Above	Total Population
Allina Health - Bandana Square (Aspen)	295	61.0%	55.3%	66.4%	Above	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	541	61.0%	56.8%	65.0%	Above	Total Population
Essentia Health - Deer River Clinic	189	60.9%	53.7%	67.5%	Above	Total Population
HealthPartners - Riverside	377	60.7%	55.7%	65.5%	Above	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	76	60.5%	49.3%	70.8%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	362	60.5%	55.4%	65.4%	Above	Total Population
Essentia Health - Ely Clinic	134	60.5%	52.0%	68.3%	Average	Total Population
Allina Health - Cottage Grove	252	60.3%	54.2%	66.2%	Above	Total Population
Allina Health - Annandale	78	60.3%	49.2%	70.4%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	108	60.2%	50.8%	68.9%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	500	60.0%	55.7%	64.2%	Above	Total Population
Sanford Detroit Lakes Clinic	265	60.0%	54.0%	65.7%	Above	Total Population
Allina Health - Burnsville (Quello)	120	60.0%	51.1%	68.3%	Average	Total Population
Essentia Health - Walker	60	60.0%	47.4%	71.4%	Average	Total Population
Mayo Clinic Health System Red Wing	262	59.9%	53.9%	65.7%	Above	Total Population
HealthPartners - Como	361	59.8%	54.7%	64.8%	Above	Total Population
HealthPartners - Bloomington	296	59.8%	54.1%	65.2%	Above	Total Population
HealthEast Rice Street Clinic	567	59.8%	55.7%	63.8%	Above	Total Population
Park Nicollet Clinic - Golden Valley	97	59.8%	49.8%	69.0%	Average	Total Population
Mankato Clinic - Wickersham Campus	92	59.8%	49.6%	69.2%	Average	Total Population
Northwest Family Physicians - Plymouth	62	59.7%	47.3%	71.0%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	279	59.5%	53.7%	65.1%	Above	Total Population
Sanford Thief River Falls Clinic	264	59.5%	53.5%	65.2%	Above	Total Population
Northwest Family Physicians - Rogers	64	59.4%	47.2%	70.5%	Average	Total Population
Allina Health - Coon Rapids	998	59.2%	56.1%	62.2%	Above	Total Population
Allina Health - Bloomington (Aspen)	196	59.2%	52.2%	65.8%	Average	Total Population
Sanford Bemidji 1611 Anne St Clinic	218	59.2%	52.6%	65.5%	Average	Total Population
Affiliated Community Medical Centers - Benson Clinic	132	59.1%	50.6%	67.1%	Average	Total Population
Fairview Rush City Clinic	100	59.0%	49.2%	68.1%	Average	Total Population
Allina Health - Centennial Lakes (Quello)	156	59.0%	51.1%	66.4%	Average	Total Population
HealthEast Hugo Clinic	39	59.0%	43.4%	72.9%	Average	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	272	58.8%	52.9%	64.5%	Average	Total Population
Essentia Health - Hermantown Clinic	138	58.7%	50.4%	66.6%	Average	Total Population
Essentia Health - Hayward Clinic	104	58.7%	49.1%	67.7%	Average	Total Population
Grand Itasca Clinic	544	58.6%	54.5%	62.7%	Above	Total Population
Park Nicollet Clinic - Wayzata	128	58.6%	49.9%	66.8%	Average	Total Population
Fairview Bloomington Lake Xerxes	99	58.6%	48.7%	67.8%	Average	Total Population
Essentia Health - West Duluth Clinic	193	58.6%	51.5%	65.3%	Average	Total Population
Sanford 69th and Minnesota Family Medicine	41	58.5%	43.4%	72.2%	Average	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Mayo Clinic Health System Waseca	125	58.4%	49.6%	66.7%	Average	Total Population
HealthEast Downtown St. Paul Clinic	168	58.3%	50.8%	65.5%	Average	Total Population
HealthEast Woodbury Clinic	146	58.2%	50.1%	65.9%	Average	Total Population
St. Cloud Medical Group - NW - IHN	277	58.1%	52.2%	63.8%	Average	Total Population
Allina Health - Highland Park (Aspen)	74	58.1%	46.7%	68.7%	Average	Total Population
Entira Family Clinics - Vadnais Heights	88	58.0%	47.5%	67.7%	Average	Total Population
Mayo Clinic - Speciality Practice	145	57.9%	49.8%	65.7%	Average	Total Population
Avera Medical Group - Windom	38	57.9%	42.2%	72.2%	Average	Total Population
Allina Health - Shakopee	185	57.8%	50.6%	64.7%	Average	Total Population
Fairview Blaine Clinic	102	57.8%	48.2%	67.0%	Average	Total Population
Park Nicollet Clinic - Shorewood	64	57.8%	45.6%	69.1%	Average	Total Population
HealthEast Vadnais Heights Clinic	90	57.8%	47.5%	67.5%	Average	Total Population
Allina Health - West St. Paul	253	57.7%	51.6%	63.6%	Average	Total Population
North Memorial Clinic - Maple Grove	59	57.6%	44.9%	69.4%	Average	Total Population
Mayo Clinic Health System Austin	328	57.6%	52.2%	62.9%	Average	Total Population
Altru Health System - Roseau	33	57.6%	40.8%	72.8%	Average	Total Population
Mayo Clinic - Northeast	80	57.5%	46.6%	67.7%	Average	Total Population
North Clinic - Osseo Office	87	57.5%	47.0%	67.3%	Average	Total Population
Essentia Health St. Joseph's - Crosslake Clinic	61	57.4%	44.9%	69.0%	Average	Total Population
North Memorial Clinic - Camden Physicians, Mpls	110	57.3%	47.9%	66.1%	Average	Total Population
Fairview North Branch Clinic	117	57.3%	48.2%	65.9%	Average	Total Population
Allina Health - Nicollet Mall	224	57.1%	50.6%	63.5%	Average	Total Population
Entira Family Clinics - Highland	91	57.1%	46.9%	66.8%	Average	Total Population
Sanford Bemidji Main Clinic Internal Medicine	91	57.1%	46.9%	66.8%	Average	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	77	57.1%	46.0%	67.6%	Average	Total Population
Allina Health - St. Michael	63	57.1%	44.9%	68.6%	Average	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Richfield Clinic	284	57.0%	51.2%	62.7%	Average	Total Population
Allina Health - Forest Lake	193	57.0%	49.9%	63.8%	Average	Total Population
Essentia Health - Ashland Clinic	116	56.9%	47.8%	65.5%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	475	56.8%	52.4%	61.2%	Average	Total Population
Park Nicollet Clinic - Carlson	176	56.8%	49.4%	63.9%	Average	Total Population
HealthPartners - Cottage Grove	37	56.8%	40.9%	71.3%	Average	Total Population
Fairview Zimmerman Clinic	67	56.7%	44.8%	67.9%	Average	Total Population
Allina Health - Northfield	270	56.7%	50.7%	62.4%	Average	Total Population
HealthPartners - Elk River	99	56.6%	46.7%	65.9%	Average	Total Population
CentraCare Health Plaza - Family Medicine	191	56.5%	49.5%	63.4%	Average	Total Population
Winona Health - Winona Clinic	353	56.4%	51.2%	61.5%	Average	Total Population
Allina Health - Dean Lakes	55	56.4%	43.3%	68.6%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	128	56.3%	47.6%	64.5%	Average	Total Population
HealthEast Grand Avenue Clinic	194	56.2%	49.2%	63.0%	Average	Total Population
Buffalo Clinic - Monticello: IHN	178	56.2%	48.8%	63.3%	Average	Total Population
Allina Health - Shoreview	162	56.2%	48.5%	63.6%	Average	Total Population
HealthPartners - Lino Lakes	57	56.1%	43.3%	68.2%	Average	Total Population
CentraCare Clinic - St. Joseph	57	56.1%	43.3%	68.2%	Average	Total Population
Allina Health - Edina	123	56.1%	47.3%	64.6%	Average	Total Population
Fairview EdenCenter Clinic	214	56.1%	49.4%	62.6%	Average	Total Population
Essentia Health - Wahpeton	50	56.0%	42.3%	68.8%	Average	Total Population
Park Nicollet Clinic - Chanhassen	218	56.0%	49.3%	62.4%	Average	Total Population
Hendricks Clinic	34	55.9%	39.5%	71.1%	Average	Total Population
HealthEast Maplewood Clinic	120	55.8%	46.9%	64.4%	Average	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	61	55.7%	43.3%	67.5%	Average	Total Population
Essentia Health Fosston	158	55.7%	47.9%	63.2%	Average	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Essentia Health - Lakewalk Clinic	72	55.6%	44.1%	66.5%	Average	Total Population
Essentia Health Bagley	36	55.6%	39.6%	70.5%	Average	Total Population
Allina Health - United Medical Specialties	92	55.4%	45.3%	65.2%	Average	Total Population
Allina Health - First Street	177	55.4%	48.0%	62.5%	Average	Total Population
^ Partners Obstetrics & Gynecology, PA	38	55.3%	39.7%	69.9%	Average	Total Population
Essentia Health - Lakeside Clinic	145	55.2%	47.1%	63.0%	Average	Total Population
Park Nicollet Clinic - Burnsville	430	55.1%	50.4%	59.8%	Average	Total Population
Fairview Lino Lakes Clinic	98	55.1%	45.3%	64.6%	Average	Total Population
University of Minnesota Physicians - Primary Care Center	360	55.0%	49.8%	60.1%	Average	Total Population
Fairview Pine City Clinic	60	55.0%	42.5%	66.9%	Average	Total Population
Sanford South Moorhead Family Medicine	133	54.9%	46.4%	63.1%	Average	Total Population
Valley Family Practice	31	54.8%	37.8%	70.8%	Average	Total Population
Allina Health - Plymouth	236	54.7%	48.3%	60.9%	Average	Total Population
Fairview Hugo Clinic	33	54.6%	38.0%	70.2%	Average	Total Population
HealthPartners - Anoka	246	54.5%	48.2%	60.6%	Average	Total Population
Allina Health - Maple Grove	90	54.4%	44.2%	64.3%	Average	Total Population
Mayo Clinic - Northwest	46	54.4%	40.2%	67.9%	Average	Total Population
Richfield Medical Group	59	54.2%	41.7%	66.3%	Average	Total Population
Mayo Clinic Health System - Franciscan Healthcare in Caledonia	50	54.0%	40.4%	67.0%	Average	Total Population
Fairview Riverside	76	54.0%	42.8%	64.7%	Average	Total Population
Allina Health - Champlin	191	53.9%	46.9%	60.9%	Average	Total Population
Family Practice Medical Center of Willmar	223	53.8%	47.3%	60.2%	Average	Total Population
Renville County Hospital and Clinics - Olivia	71	53.5%	42.0%	64.6%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - IM Clinic at Parkside	286	53.5%	47.7%	59.2%	Average	Total Population
Duluth Family Medicine Clinic	174	53.5%	46.0%	60.7%	Average	Total Population
Essentia Health - South University	75	53.3%	42.2%	64.2%	Average	Total Population
Sanford Luverne Clinic	126	53.2%	44.5%	61.7%	Average	Total Population
CentraCare Health - Monticello Medical Group	32	53.1%	36.5%	69.1%	Average	Total Population
Allina Health - Eagan	194	53.1%	46.1%	60.0%	Average	Total Population
Entira Family Clinics - Inver Grove Heights	98	53.1%	43.3%	62.6%	Average	Total Population
Allina Health - Lakeville (Quello)	66	53.0%	41.2%	64.6%	Average	Total Population
HealthPartners - St Paul	506	53.0%	48.6%	57.3%	Average	Total Population
Olmsted Medical Center - Preston Clinic	51	52.9%	39.5%	66.0%	Average	Total Population
North Memorial Clinic - Plymouth City Center	34	52.9%	36.7%	68.6%	Average	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - East Lake Clinic	314	52.9%	47.3%	58.3%	Average	Total Population
Park Nicollet Clinic - Bloomington	157	52.9%	45.1%	60.5%	Average	Total Population
Essentia Health - International Falls Clinic	150	52.7%	44.7%	60.5%	Average	Total Population
Mayo Clinic Health System Lake City	95	52.6%	42.7%	62.4%	Average	Total Population
Sawtooth Mountain Clinic, Inc	175	52.6%	45.2%	59.8%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	364	52.5%	47.3%	57.6%	Average	Total Population
Sanford Southpointe Internal Medicine	61	52.5%	40.2%	64.5%	Average	Total Population
Sanford Health Mountain Lake Clinic	42	52.4%	37.7%	66.6%	Average	Total Population
Altru Health System - Family Medicine Center	195	52.3%	45.3%	59.2%	Average	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	130	52.3%	43.8%	60.7%	Average	Total Population
HealthEast Oakdale	119	52.1%	43.2%	60.9%	Average	Total Population
North Memorial Clinic, Silver Lake - Blaine	48	52.1%	38.3%	65.5%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Center Cl.	217	52.1%	45.5%	58.6%	Average	Total Population
Essentia Health - Virginia Clinic	225	52.0%	45.5%	58.4%	Average	Total Population
Allina Health - East Lake Street (Aspen)	206	51.9%	45.2%	58.7%	Average	Total Population
Allina Health - Vadnais Heights	58	51.7%	39.2%	64.1%	Average	Total Population
Park Nicollet Clinic - Eagan	182	51.7%	44.4%	58.8%	Average	Total Population
Mayo Clinic Health System Waterville	31	51.6%	34.8%	68.0%	Average	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	2,433	51.6%	49.6%	53.6%	Average	Total Population
Park Nicollet Clinic - Maple Grove	173	51.5%	44.1%	58.8%	Average	Total Population
Family Medical Center	451	51.4%	46.8%	56.0%	Average	Total Population
Essentia Health - Jamestown	35	51.4%	35.6%	67.0%	Average	Total Population
HealthEast Stillwater Clinic	37	51.4%	35.9%	66.6%	Average	Total Population
Fairview Riverside Primary Care Clinic	119	51.3%	42.4%	60.1%	Average	Total Population
Riverwood Garrison Clinic	55	50.9%	38.1%	63.6%	Average	Total Population
Sanford Worthington Clinic	144	50.7%	42.6%	58.7%	Average	Total Population
FirstLight Health System - Mora	280	50.4%	44.5%	56.2%	Average	Total Population
Riverwood Aitkin Clinic	219	50.2%	43.7%	56.8%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	239	50.2%	43.9%	56.5%	Average	Total Population
Allina Health - Inver Grove Heights (Aspen)	146	50.0%	42.0%	58.0%	Average	Total Population
Essentia Health - Hibbing Clinic	100	50.0%	40.4%	59.6%	Average	Total Population
Ortonville Area Health Services - Northside Medical Clinic	94	50.0%	40.1%	59.9%	Average	Total Population
Sanford South Moorhead Internal Medicine	78	50.0%	39.2%	60.8%	Average	Total Population
Olmsted Medical Center - Spring Valley Clinic	48	50.0%	36.4%	63.6%	Average	Total Population
Sanford Westbrook Clinic	44	50.0%	35.8%	64.2%	Average	Total Population
Allina Health - Faribault	287	49.8%	44.1%	55.6%	Average	Total Population
Altru Health System - Lake Region	149	49.7%	41.8%	57.6%	Average	Total Population
Park Nicollet Clinic - Prior Lake	119	49.6%	40.8%	58.4%	Average	Total Population
Allina Health - Elk River	117	49.6%	40.7%	58.5%	Average	Total Population
North Clinic - WestHealth Office in Plymouth	97	49.5%	39.8%	59.3%	Average	Total Population
Sanford Walker Clinic	89	49.4%	39.3%	59.6%	Average	Total Population
Essentia Health - Park Rapids	304	49.3%	43.8%	54.9%	Average	Total Population
Altru Health System - Main	134	49.3%	40.9%	57.6%	Average	Total Population
Riverwood McGregor Clinic	179	49.2%	41.9%	56.4%	Average	Total Population
^ Metropolitan Obstetrics and Gynecology - Gallery Professional Bldg	53	49.1%	36.1%	62.1%	Average	Total Population
HealthPartners Central Minnesota Clinics	359	49.0%	43.9%	54.2%	Average	Total Population
Park Nicollet Clinic - Shakopee	306	49.0%	43.5%	54.6%	Average	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	51	49.0%	35.9%	62.3%	Average	Total Population
Sanford Health Windom Clinic	45	48.9%	35.0%	63.0%	Average	Total Population
Allina Health - Chaska	82	48.8%	38.3%	59.4%	Average	Total Population
Fairview Bloomington Lake Minneapolis	203	48.8%	42.0%	55.6%	Average	Total Population
Sanford Wahpeton Clinic	80	48.8%	38.1%	59.5%	Average	Total Population
Stillwater Medical Group - Mahtomedi Clinic	37	48.7%	33.5%	64.1%	Average	Total Population
Madelia Community Hospital & Clinic	37	48.7%	33.5%	64.1%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	838	48.6%	45.2%	52.0%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Positive Care Clinic	200	48.5%	41.7%	55.4%	Average	Total Population
Allina Health - Fridley	93	48.4%	38.5%	58.4%	Average	Total Population
Allina Health - Cokato	60	48.3%	36.2%	60.7%	Average	Total Population
Entira Family Clinics - North St. Paul	168	48.2%	40.8%	55.7%	Average	Total Population
Entira Family Clinics - Shoreview	56	48.2%	35.7%	61.0%	Average	Total Population
Altru Health System - Crookston	108	48.2%	39.0%	57.5%	Average	Total Population
Essentia Health - Spooner Clinic	106	48.1%	38.8%	57.5%	Average	Total Population
Community-University Health Care Center	52	48.1%	35.1%	61.3%	Average	Sample
Glencoe Regional Health Services - Glencoe	125	48.0%	39.4%	56.7%	Average	Total Population
Sanford Canby Clinic	75	48.0%	37.1%	59.1%	Average	Total Population
Allina Health - Woodbury	192	47.9%	41.0%	55.0%	Average	Total Population
Sanford Health Broadway Clinic - Alexandria	226	47.8%	41.4%	54.3%	Average	Total Population
Olmsted Medical Center - Pine Island Clinic	44	47.7%	33.8%	62.1%	Average	Total Population
FamilyHealth Medical Clinic - Northfield	44	47.7%	33.8%	62.1%	Average	Total Population
Allina Health - Maplewood (Aspen)	267	47.6%	41.7%	53.6%	Average	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Raiter Clinic - IHN	261	47.5%	41.5%	53.6%	Average	Total Population
Sanford Mahnommen Clinic	40	47.5%	32.9%	62.5%	Average	Total Population
Range Medical Services - IHN	40	47.5%	32.9%	62.5%	Average	Total Population
Altru Health System - Professional Center	59	47.5%	35.3%	60.0%	Average	Total Population
Park Nicollet Clinic - Creekside	129	47.3%	38.9%	55.9%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - St. Anthony Village Cl.	72	47.2%	36.1%	58.6%	Average	Total Population
Winona Health - Family Medicine	140	47.1%	39.1%	55.4%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Hennepin Ctr for Senior Care	51	47.1%	34.1%	60.5%	Average	Total Population
Entira Family Clinics - Como/Roseville	132	47.0%	38.7%	55.5%	Average	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	160	46.9%	39.3%	54.6%	Average	Total Population
Allina Health - Brooklyn Park	64	46.9%	35.2%	58.9%	Average	Total Population
Gateway Family Health Clinic - Sandstone	126	46.8%	38.3%	55.5%	Average	Total Population
Sanford Aberdeen Clinic	47	46.8%	33.3%	60.8%	Average	Total Population
North Memorial Clinic - Brooklyn Park Physicians	176	46.6%	39.4%	54.0%	Average	Total Population
St. Cloud Medical Group - South - IHN	219	46.6%	40.1%	53.2%	Average	Total Population
Ridgeview Westonka Clinic	146	46.6%	38.7%	54.7%	Average	Total Population
University of Minnesota Physicians - Smiley's Clinic	466	46.6%	42.1%	51.1%	Below	Total Population
Essentia Health St. Joseph's - Pequot Lakes Clinic	58	46.6%	34.3%	59.2%	Average	Total Population
NorthPoint Health & Wellness Center	967	46.5%	43.4%	49.7%	Below	Total Population
Gateway Family Health Clinic - Moose Lake	226	46.0%	39.6%	52.5%	Below	Total Population
Northwest Family Physicians - Crystal	179	45.8%	38.7%	53.1%	Average	Total Population
Park Nicollet Clinic - Brookdale	444	45.7%	41.1%	50.4%	Below	Total Population
Essentia Health St. Joseph's - Pine River Clinic	149	45.6%	37.9%	53.6%	Average	Total Population
Essentia Health - West Acres	42	45.2%	31.2%	60.1%	Average	Total Population
Buffalo Clinic - Albertville - St. Michael Clinic: IHN	42	45.2%	31.2%	60.1%	Average	Total Population
Tri-County Health Care - Wadena Clinic	270	45.2%	39.4%	51.2%	Below	Total Population
Hutchinson Health - Hutchinson Clinic	317	45.1%	39.7%	50.6%	Below	Total Population
Ridgeview Chanhassen Clinic	51	45.1%	32.3%	58.6%	Average	Total Population
North Memorial Clinic - Northeast Family Physicians	116	44.8%	36.1%	53.9%	Average	Total Population
Park Nicollet Clinic - Minneapolis	433	44.8%	40.2%	49.5%	Below	Total Population
Mayo Clinic Health System New Prague	38	44.7%	30.2%	60.3%	Average	Total Population
Entira Family Clinics - Maplewood/Battle Creek	126	44.4%	36.1%	53.2%	Average	Total Population
Allina Health Specialties - ANW General Medicine Assoc. - Mpls	36	44.4%	29.5%	60.4%	Average	Total Population
North Clinic - Oakdale Office in Robbinsdale	214	44.4%	37.9%	51.1%	Below	Total Population
HealthEast Roselawn Clinic	538	44.2%	40.1%	48.5%	Below	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	96	43.8%	34.3%	53.7%	Average	Total Population
Essentia Health - Proctor Clinic	48	43.8%	30.7%	57.7%	Average	Total Population
Integracare Ltd dba Williams Clinic	78	43.6%	33.1%	54.6%	Average	Total Population
LakeWood Health Center Clinic	85	43.5%	33.5%	54.1%	Average	Total Population
Lac Qui Parle Clinic	74	43.2%	32.6%	54.6%	Average	Total Population
FirstLight Health System - Hinckley	70	42.9%	31.9%	54.5%	Average	Total Population
Olmsted Medical Center - Stewartville Clinic	56	42.9%	30.8%	55.9%	Average	Total Population
Entira Family Clinics - West St. Paul	96	42.7%	33.3%	52.7%	Below	Total Population
Olmsted Medical Center - Rochester Southeast	531	42.6%	38.4%	46.8%	Below	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	78	42.3%	32.0%	53.4%	Average	Total Population
Olmsted Medical Center - Byron Clinic	52	42.3%	29.9%	55.8%	Average	Total Population
CentraCare Family Health Center	280	42.1%	36.5%	48.0%	Below	Total Population
Sanford Health Parkers Prairie Clinic	43	41.9%	28.4%	56.7%	Average	Total Population
Entira Family Clinics - Woodbury	98	41.8%	32.6%	51.7%	Below	Total Population
Sanford East Grand Forks Clinic	53	41.5%	29.3%	54.9%	Average	Total Population
France Avenue Family Physicians - Minnesota Healthcare Network	41	41.5%	27.8%	56.6%	Average	Total Population
Entira Family Clinics - East Side	203	41.4%	34.8%	48.3%	Below	Total Population

Table 23.1: Colorectal Cancer Screening by Clinic - *continued*

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

Clinic Name (^=OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
Tyler Medical Clinic - Avera	73	41.1%	30.5%	52.6%	Below	Total Population
Ridgeview Arlington Clinic	32	40.6%	25.5%	57.7%	Average	Total Population
Appleton Clinic	32	40.6%	25.5%	57.7%	Average	Total Population
North Clinic - Maple Grove Office	72	40.3%	29.7%	51.8%	Below	Total Population
University of Minnesota Physicians - Phalen Clinic	309	40.1%	34.8%	45.7%	Below	Total Population
CentraCare Health - Paynesville Clinic	65	40.0%	29.0%	52.1%	Below	Total Population
Olmsted Medical Center - Chatfield Clinic	45	40.0%	27.0%	54.6%	Average	Total Population
Sanford Jamestown Clinic	30	40.0%	24.6%	57.7%	Average	Total Population
Sanford North Fargo Clinic	33	39.4%	24.7%	56.3%	Average	Total Population
River Falls Medical Clinic - River Falls	69	39.1%	28.5%	50.9%	Below	Total Population
Avera Medical Group - Worthington	164	39.0%	31.9%	46.7%	Below	Total Population
Sanford Tracy Clinic	72	38.9%	28.5%	50.4%	Below	Total Population
RiverView Clinic North	50	38.0%	25.9%	51.9%	Below	Total Population
United Family Medicine	588	37.9%	34.1%	41.9%	Below	Total Population
North Memorial Clinic - Elk River Physicians	66	37.9%	27.2%	49.9%	Below	Total Population
Multicare Associates - Roseville Medical Center	66	37.9%	27.2%	49.9%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Park Clinic	206	37.9%	31.5%	44.7%	Below	Total Population
Altru Health System - Grand Forks Family Medicine Residency	61	37.7%	26.6%	50.3%	Below	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	118	37.3%	29.1%	46.3%	Below	Total Population
Multicare Associates - Blaine Medical Center	191	36.7%	30.1%	43.7%	Below	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Coordinated Care Cl.	66	36.4%	25.8%	48.4%	Below	Total Population
Park Nicollet Clinic - Rogers	33	36.4%	22.2%	53.4%	Average	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	58	36.2%	25.1%	49.1%	Below	Total Population
^ University of Minnesota Physicians - Women's Health Specialists	67	35.8%	25.4%	47.8%	Below	Total Population
Tri-County Health Care - Henning Clinic	65	35.4%	24.9%	47.5%	Below	Total Population
Ridgeview Delano Clinic	57	35.1%	24.0%	48.1%	Below	Total Population
Sanford Pelican Rapids Clinic	40	35.0%	22.1%	50.5%	Below	Total Population
Olmsted Medical Center - Rochester Northwest	106	34.9%	26.5%	44.4%	Below	Total Population
Ridgeview Excelsior Clinic	66	34.9%	24.5%	46.9%	Below	Total Population
FirstLight Health System - Pine City	115	34.8%	26.7%	43.9%	Below	Total Population
University of Minnesota Physicians - Broadway Family Medicine	338	33.7%	28.9%	38.9%	Below	Total Population
Avera - Pipestone County Medical Center	54	33.3%	22.2%	46.6%	Below	Total Population
Sanford Jackson Clinic	48	33.3%	21.7%	47.5%	Below	Total Population
Neighborhood HealthSource - Fremont Clinic	175	33.1%	26.6%	40.4%	Below	Total Population
Southside Medical Clinic	149	32.9%	25.9%	40.8%	Below	Total Population
Multicare Associates - Fridley Medical Center	260	32.3%	26.9%	38.2%	Below	Total Population
Hudson Physicians	90	31.1%	22.5%	41.3%	Below	Total Population
Neighborhood HealthSource - Sheridan Clinic	42	31.0%	19.1%	46.0%	Below	Total Population
Scenic Rivers Health Services - Cook	117	30.8%	23.1%	39.6%	Below	Total Population
University of Minnesota Physicians - Bethesda Clinic	511	29.8%	26.0%	33.9%	Below	Total Population
West Side Community Health Services - East Side Family Clinic	416	29.6%	25.4%	34.1%	Below	Total Population
Tri-County Health Care - Ottertail Clinic	34	29.4%	16.8%	46.2%	Below	Total Population
Neighborhood HealthSource - Central Clinic	128	28.1%	21.1%	36.5%	Below	Total Population
West Side Community Health Services - La Clinica	264	27.7%	22.6%	33.3%	Below	Total Population
Kittson Memorial Clinic - Hallock	44	27.3%	16.4%	41.9%	Below	Total Population
Indian Health Board of Minneapolis	103	27.2%	19.5%	36.5%	Below	Total Population
Sanford Sheldon Clinic	37	27.0%	15.4%	43.0%	Below	Total Population
Apple Valley Medical Clinic - Family Practice	418	24.6%	20.8%	29.0%	Below	Total Population
Avera Medical Group - Marshall	52	21.2%	12.2%	34.0%	Below	Total Population
Open Cities Health (Dunlap) - Family Medicine	644	16.6%	13.9%	19.7%	Below	Total Population
West Side Community Health Services - McDonough Homes Cl.	133	13.5%	8.7%	20.4%	Below	Total Population
Prairie Ridge Hospital & Health Services - Morris	35	8.6%	3.0%	22.4%	Below	Total Population
AXIS Medical Center	407	4.2%	2.6%	6.6%	Below	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	875	3.1%	2.1%	4.5%	Below	Total Population

Table 23.2: Colorectal Cancer Screening by Medical Group

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

Medical Group Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
^Obstetrics and Gynecology Associates	130	76.9%	69.0%	83.3%	Above	Total Population
Lakewood Health System	109	67.9%	58.6%	75.9%	Above	Total Population
Gundersen Health System	80	66.3%	55.4%	75.7%	Above	Total Population
CentraCare Health	1,163	65.7%	62.9%	68.4%	Above	Total Population
Alexandria Clinic	357	65.3%	60.2%	70.0%	Above	Total Population
Mankato Clinic, Ltd.	509	65.2%	61.0%	69.2%	Above	Total Population
Fairview Health Services	5,461	64.7%	63.4%	65.9%	Above	Total Population
Mayo Clinic Health System	3,669	63.2%	61.6%	64.7%	Above	Total Population
HealthPartners Clinics	5,480	62.6%	61.3%	63.9%	Above	Total Population
Burnsville Family Physicians	63	61.9%	49.6%	72.9%	Average	Total Population
Mayo Clinic	1,025	60.8%	57.8%	63.7%	Above	Total Population
Stillwater Medical Group	412	59.7%	54.9%	64.3%	Above	Total Population
Affiliated Community Medical Centers	1,389	58.9%	56.3%	61.5%	Above	Total Population
Grand Itasca Clinic	544	58.6%	54.5%	62.7%	Above	Total Population
Essentia Health - East Region	2,465	58.5%	56.5%	60.4%	Above	Total Population
Allina Health Clinics	8,787	58.0%	57.0%	59.1%	Above	Total Population
Essentia Health St. Mary's	302	58.0%	52.3%	63.4%	Average	Total Population
Essentia Health - Central Region	1,002	57.9%	54.8%	60.9%	Above	Total Population
^Oakdale Ob/Gyn	61	55.7%	43.3%	67.5%	Average	Total Population
HealthEast Clinics	2,426	55.7%	53.8%	57.7%	Above	Total Population
First Care Medical Services	194	55.7%	48.6%	62.5%	Average	Total Population
Allina Health Specialties	487	55.4%	51.0%	59.8%	Average	Total Population
Sanford Health - Fargo Region	2,600	55.4%	53.5%	57.3%	Above	Total Population
^Partners Ob/Gyn	38	55.3%	39.7%	69.9%	Average	Total Population
Valley Family Practice - MHN	31	54.8%	37.8%	70.8%	Average	Total Population
Hendricks Community Hospital Association	42	54.8%	40.0%	68.8%	Average	Total Population
Integrity Health Network	1,377	54.4%	51.8%	57.0%	Average	Total Population
Richfield Medical Group	59	54.2%	41.7%	66.3%	Average	Total Population
North Memorial	1,247	54.1%	51.4%	56.9%	Average	Total Population
Family Practice Medical Center of Willmar	223	53.8%	47.3%	60.2%	Average	Total Population
Park Nicollet Health Services	4,166	53.7%	52.2%	55.3%	Average	Total Population
Duluth Family Medicine Clinic	174	53.5%	46.0%	60.7%	Average	Total Population
Essentia Health - West	713	52.9%	49.2%	56.5%	Average	Total Population
Winona Health	513	52.6%	48.3%	56.9%	Average	Total Population
Sawtooth Mountain Clinic	175	52.6%	45.2%	59.8%	Average	Total Population
Northwest Family Physicians	305	51.5%	45.9%	57.0%	Average	Total Population
Unity Family Healthcare, Family Medical Center	475	51.2%	46.7%	55.6%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics	5,009	50.5%	49.1%	51.8%	Below	Total Population
Ortonville Area Health Services - Northside Medical Clinic	94	50.0%	40.1%	59.9%	Average	Total Population
Riverwood Healthcare Center	453	49.9%	45.3%	54.5%	Average	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	245	49.8%	43.6%	56.0%	Average	Total Population
St. Luke's Clinics	37	49.5%	34.2%	64.9%	Average	Sample
Altru Health System	802	49.5%	46.1%	53.0%	Below	Total Population

Table 23.2: Colorectal Cancer Screening by Medical Group - *continued*

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

Medical Group Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Statewide Average	72,037	53.0%	52.7%	53.4%		
^Metropolitan Obstetrics & Gynecology	53	49.1%	36.1%	62.1%	Average	Total Population
HealthPartners Central Minnesota Clinics	359	49.0%	43.9%	54.2%	Average	Total Population
Madelia Community Hospital & Clinic	37	48.7%	33.5%	64.1%	Average	Total Population
Community University Health Care Center	52	48.1%	35.1%	61.3%	Average	Sample
Entira Family Clinics	1,288	47.6%	44.9%	50.3%	Below	Total Population
Renville County Hospital and Clinics	120	47.5%	38.8%	56.4%	Average	Total Population
North Clinic	470	47.2%	42.8%	51.8%	Below	Total Population
River's Edge Hospital & Clinic	30	46.7%	30.2%	63.9%	Average	Total Population
NorthPoint Health & Wellness Center	967	46.5%	43.4%	49.7%	Below	Total Population
Gateway Family Health Clinic	380	45.8%	40.9%	50.8%	Below	Total Population
Sanford Health - Sioux Falls Region	1,037	45.7%	42.7%	48.8%	Below	Total Population
Glencoe Regional Health Services	162	45.7%	38.2%	53.4%	Average	Total Population
FirstLight Health System	465	45.4%	40.9%	49.9%	Below	Total Population
Hutchinson Health	342	45.0%	39.8%	50.3%	Below	Total Population
Williams Integracare Clinic	78	43.6%	33.1%	54.6%	Average	Total Population
Lakewood Health Center Clinic	85	43.5%	33.5%	54.1%	Average	Total Population
Sibley Medical Center DBA Ridgeview Sibley Medical Center	74	43.2%	32.6%	54.6%	Average	Total Population
Lac Qui Parle Clinic	74	43.2%	32.6%	54.6%	Average	Total Population
Olmsted Medical Center	993	42.6%	39.6%	45.7%	Below	Total Population
CentraCare Family Health Center	280	42.1%	36.5%	48.0%	Below	Total Population
Scenic Rivers Health Services	359	41.5%	36.5%	46.7%	Below	Total Population
France Avenue Family Physicians - Minnesota Healthcare Network	41	41.5%	27.8%	56.6%	Average	Total Population
Ridgeview Clinics	389	41.1%	36.4%	46.1%	Below	Total Population
Tri-County Health Care	411	41.1%	36.5%	45.9%	Below	Total Population
University of Minnesota Physicians	2,106	41.0%	38.9%	43.1%	Below	Total Population
Appleton Area Health Services	32	40.6%	25.5%	57.7%	Average	Total Population
RiverView Health	69	40.6%	29.8%	52.4%	Below	Total Population
FamilyHealth Medical Clinics	84	40.5%	30.6%	51.2%	Below	Total Population
Avera Medical Group	381	38.1%	33.3%	43.0%	Below	Total Population
United Family Medicine	588	37.9%	34.1%	41.9%	Below	Total Population
River Falls Medical Clinic and Minnesota Health Network	88	37.5%	28.1%	47.9%	Below	Total Population
Multicare Associates	517	34.6%	30.7%	38.8%	Below	Total Population
Southside Community Health Services	170	31.8%	25.2%	39.1%	Below	Total Population
Hudson Physicians - Minnesota Healthcare Network	90	31.1%	22.5%	41.3%	Below	Total Population
Neighborhood Healthsource	352	30.7%	26.1%	35.7%	Below	Total Population
Indian Health Board of Minneapolis	103	27.2%	19.5%	36.5%	Below	Total Population
Prairie Ridge Hospital & Health Services	119	26.9%	19.7%	35.5%	Below	Total Population
West Side Community Health Services	813	26.3%	23.4%	29.5%	Below	Total Population
Apple Valley Medical Clinic	418	24.6%	20.8%	29.0%	Below	Total Population
Kittson Memorial Clinic	66	22.7%	14.3%	34.2%	Below	Total Population
Open Cities Health Center	644	16.6%	13.9%	19.7%	Below	Total Population
Axis Medical Center	407	4.2%	2.6%	6.6%	Below	Total Population
Cedar Riverside People's Center	875	3.1%	2.1%	4.5%	Below	Total Population

Table 24: Appropriate Treatment for Children with URI by Medical Group

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

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Medical Group Average	19,529	91.0%	90.4%	91.4%		
NorthPoint Health And Wellness Center	83	100.0%	95.6%	100.0%	Above	Total Population
United Family Medicine	71	100.0%	94.9%	100.0%	Above	Total Population
* Cedar Riverside People's Center	46	100.0%	92.3%	100.0%	Above	Total Population
North Clinic	42	100.0%	91.6%	100.0%	Above	Total Population
# All About Children Pediatrics - Children's Health Network	38	100.0%	90.8%	100.0%	Average	Total Population
#Wayzata Children's Clinic (Affiliated w/Children's Health Network)	35	100.0%	90.1%	100.0%	Average	Total Population
Community University Health Care Center	32	100.0%	89.3%	100.0%	Average	Total Population
Essentia Health Ada	30	100.0%	88.7%	100.0%	Average	Total Population
Neighborhood Healthsource	71	98.6%	92.4%	99.8%	Above	Total Population
FirstLight Health System	69	98.6%	92.2%	99.7%	Above	Total Population
Family Practice Medical Center Of Willmar	62	98.4%	91.4%	99.7%	Above	Total Population
# South Lake Pediatrics	52	98.1%	89.9%	99.7%	Average	Total Population
North Memorial Clinic	304	97.7%	95.3%	98.9%	Above	Total Population
Hennepin Faculty Associates & HCMC Clinics	612	97.6%	96.0%	98.5%	Above	Total Population
West Side Community Health Services	148	97.3%	93.3%	98.9%	Above	Total Population
# Southdale Pediatric Associates Ltd	72	97.2%	90.4%	99.2%	Average	Total Population
* Minute Clinic Diagnostic, P.A	107	97.2%	92.1%	99.0%	Above	Total Population
# Pediatric And Adolescent Services	35	97.1%	85.5%	99.5%	Average	Total Population
Mayo Clinic Health System - Faribault	32	96.9%	84.3%	99.5%	Average	Total Population
Sleepy Eye Medical Center	31	96.8%	83.8%	99.4%	Average	Total Population
# Children's Clinic Network	264	96.2%	93.2%	97.9%	Above	Total Population
Grand Itasca Clinic	154	96.1%	91.8%	98.2%	Above	Total Population
HealthPartners Clinics	1,065	96.1%	94.7%	97.1%	Above	Total Population
University of Minnesota Physicians	353	95.8%	93.1%	97.4%	Above	Total Population
# Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	138	95.7%	90.8%	98.0%	Average	Total Population
* Express Healthcare	45	95.6%	85.2%	98.8%	Average	Total Population
* Priority Pediatrics Urgent Care	66	95.5%	87.5%	98.4%	Average	Total Population
# Central Pediatrics	44	95.5%	84.9%	98.7%	Average	Total Population
Allina Specialty Clinic	1,185	95.2%	93.8%	96.3%	Above	Total Population
HealthEast	223	95.1%	91.4%	97.2%	Above	Total Population
CentraCare Health	415	94.7%	92.1%	96.5%	Above	Total Population
Buffalo Clinic - IHN	167	94.6%	90.1%	97.1%	Average	Total Population
Park Nicollet Clinic	1,034	94.6%	93.0%	95.8%	Above	Total Population
# Family Health Center	51	94.1%	84.1%	98.0%	Average	Total Population
Familyhealth Medical Clinics	34	94.1%	80.9%	98.4%	Average	Total Population
Mayo Clinic	305	94.1%	90.9%	96.2%	Average	Total Population
Mayo Clinic Health System - Albert Lea	268	94.0%	90.5%	96.3%	Average	Total Population
Gateway Family Health Clinic	117	94.0%	88.2%	97.1%	Average	Total Population
Fairview Medical Group	1,094	93.7%	92.1%	95.0%	Above	Total Population
# Children's Health Care	917	93.6%	91.8%	95.0%	Above	Total Population
Lake Region Medical Group PA	104	93.3%	86.8%	96.7%	Average	Total Population
Affiliated Community Medical Centers	408	93.1%	90.3%	95.2%	Average	Total Population
* Target Clinic	126	92.9%	87.0%	96.2%	Average	Total Population
Essentia Health- East Region	447	92.8%	90.1%	94.9%	Average	Total Population
* Emergency Physicians	194	92.8%	88.3%	95.7%	Average	Total Population
Mayo Clinic Health System - Mankato	180	92.8%	88.0%	95.7%	Average	Total Population
Mayo Clinic Health System - St. James	69	92.8%	84.1%	96.9%	Average	Total Population
Hutchinson Health	105	92.4%	85.7%	96.1%	Average	Total Population
Essentia Health - Central Region	275	92.4%	88.6%	95.0%	Average	Total Population

Table 24: 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	Total Population of Sample (of MHCP patients)
Medical Group Average	19,529	91.0%	90.4%	91.4%		
Winona Health	192	92.2%	87.5%	95.2%	Average	Total Population
Mayo Clinic Health System - Waseca	76	92.1%	83.8%	96.3%	Average	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	101	92.1%	85.1%	95.9%	Average	Total Population
Mille Lacs Clinics	62	91.9%	82.5%	96.5%	Average	Total Population
Multicare Associates of the Twin Cities	123	91.9%	85.7%	95.5%	Average	Total Population
# Pediatric And Young Adult Medicine - Children's Health Network	98	91.8%	84.7%	95.8%	Average	Total Population
* Suburban Emergency Associates	60	91.7%	81.9%	96.4%	Average	Total Population
Entira Family Clinics	151	91.4%	85.8%	94.9%	Average	Total Population
# Pediatric Services - Children's Health Network	34	91.2%	77.0%	97.0%	Average	Total Population
Stillwater Medical Group	113	91.2%	84.5%	95.1%	Average	Total Population
Unity Family Healthcare - Avon	100	90.0%	82.6%	94.5%	Average	Total Population
CCMH-Montevideo Clinic	49	89.8%	78.2%	95.6%	Average	Total Population
St. Luke's Clinics	221	89.6%	84.9%	93.0%	Average	Total Population
Northwest Family Physicians	56	89.3%	78.5%	95.0%	Average	Total Population
Sanford Health - Fargo Region	1,029	89.1%	87.1%	90.9%	Below	Total Population
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	45	88.9%	76.5%	95.2%	Average	Total Population
Lakewood Health System	166	88.6%	82.8%	92.6%	Average	Total Population
Mayo Clinic Health System- Owatonna	253	87.8%	83.1%	91.2%	Average	Total Population
Mayo Clinic Health System - Fairmont	80	86.3%	77.0%	92.2%	Average	Total Population
Ridgeview Clinics	87	86.2%	77.4%	91.9%	Average	Total Population
Lakeview Clinic, Ltd.	81	85.2%	75.9%	91.3%	Average	Total Population
Essentia Health - West Region	186	85.0%	79.1%	89.4%	Below	Total Population
Mankato Clinic	272	83.8%	79.0%	87.7%	Below	Total Population
Olmsted Medical Center	392	83.7%	79.7%	87.0%	Below	Total Population
Mayo Clinic Health System - New Prague	55	83.6%	71.7%	91.1%	Average	Total Population
Sanford Bagley	47	83.0%	69.9%	91.1%	Average	Total Population
Fairview Mesaba Clinics	100	82.0%	73.3%	88.3%	Below	Total Population
United Hospital District Clinics	61	82.0%	70.5%	89.6%	Below	Total Population
Tri-County Health Care	93	81.7%	72.7%	88.3%	Below	Total Population
Essentia Health St. Mary's	112	81.3%	73.0%	87.4%	Below	Total Population
Mayo Clinic Health System - Austin	31	80.7%	63.7%	90.8%	Below	Total Population
Riverwood Aitkin Clinic	56	80.4%	68.2%	88.7%	Below	Total Population
Scenic Rivers Health Services	39	79.5%	64.5%	89.2%	Below	Total Population
Riverview Clinics	81	79.0%	68.9%	86.5%	Below	Total Population
Mayo Clinic Health System - Red Wing	89	78.7%	69.1%	85.9%	Below	Total Population
Sanford Health - Sioux Falls Region	226	78.3%	72.5%	83.2%	Below	Total Population
Avera Medical Group - Pipestone	46	78.3%	64.4%	87.7%	Below	Total Population
Renville County Hospital And Clinics	53	77.4%	64.5%	86.6%	Below	Total Population
Glencoe Regional Health Services	52	76.9%	63.9%	86.3%	Below	Total Population
Mayo Clinic Health System - Lake City	47	76.6%	62.8%	86.4%	Below	Total Population
Apple Valley Medical Clinic	105	76.2%	67.2%	83.3%	Below	Total Population
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	295	75.9%	70.7%	80.5%	Below	Total Population
Stevens Community Medical Center	33	75.8%	59.0%	87.2%	Below	Total Population
Cuyuna Regional Medical Center- Clinic Services	81	75.3%	64.9%	83.4%	Below	Total Population
Altru Health System	177	70.6%	63.5%	76.8%	Below	Total Population
Glenwood Medical Center	42	69.1%	54.0%	80.9%	Below	Total Population
Essentia Health - Fosston	46	65.2%	50.8%	77.3%	Below	Total Population
Alexandria Clinic, PA.	93	59.1%	49.0%	68.6%	Below	Total Population
7 Day Clinic	33	45.5%	29.8%	62.0%	Below	Total Population

Table 25: Depression Remission at Six Months by Clinic

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

Clinic Name (● =Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	19,294	5.3%	5.0%	5.6%		
Allina Health - Chaska	37	21.6%	11.4%	37.2%	Above	Total Population
Allina Health - Blaine	56	21.4%	12.7%	33.8%	Above	Total Population
Allina Health - Shoreview	44	20.5%	11.2%	34.5%	Above	Total Population
Essentia Health - Deer River Clinic	60	20.0%	11.8%	31.8%	Above	Total Population
Park Nicollet Clinic - Eagan	55	20.0%	11.6%	32.4%	Above	Total Population
Allina Health - St. Michael	40	20.0%	10.5%	34.8%	Above	Total Population
Park Nicollet Clinic - Maple Grove	30	20.0%	9.5%	37.3%	Above	Total Population
Allina Health - West St. Paul	121	18.2%	12.3%	26.0%	Above	Total Population
Mayo Clinic - Northwest	39	18.0%	9.0%	32.7%	Above	Total Population
Entira Family Clinics - Vadnais Heights	30	16.7%	7.3%	33.6%	Above	Total Population
Mayo Clinic - Northeast	43	16.3%	8.1%	30.0%	Above	Total Population
Allina Health - First Street	109	15.6%	10.0%	23.6%	Above	Total Population
Allina Health - Woodbury	136	15.4%	10.3%	22.5%	Above	Total Population
Mayo Clinic - Kasson	67	14.9%	8.3%	25.3%	Above	Total Population
Entira Family Clinics - West St. Paul	34	14.7%	6.5%	30.1%	Above	Total Population
Allina Health - Uptown	63	14.3%	7.7%	25.0%	Above	Total Population
Mankato Clinic - North Mankato	36	13.9%	6.1%	28.7%	Above	Total Population
Allina Health - Cottage Grove	125	13.6%	8.7%	20.7%	Above	Total Population
Allina Health - Buffalo	126	13.5%	8.6%	20.6%	Above	Total Population
Allina Health - Eagan	76	13.2%	7.3%	22.6%	Above	Total Population
Fairview Rogers Clinic	38	13.2%	5.8%	27.3%	Above	Total Population
Entira Family Clinics - Inver Grove Heights	38	13.2%	5.8%	27.3%	Above	Total Population
Allina Health - Richfield	61	13.1%	6.8%	23.8%	Above	Total Population
Allina Health - Isles	40	12.5%	5.5%	26.1%	Above	Total Population
Allina Health - Coon Rapids	352	12.2%	9.2%	16.1%	Above	Total Population
Entira Family Clinics - Maplewood/Battle Creek	41	12.2%	5.3%	25.5%	Above	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	33	12.1%	4.8%	27.3%	Average	Total Population
Allina Health - Farmington	33	12.1%	4.8%	27.3%	Average	Total Population
Allina Health - Bandana Square (Aspen)	75	12.0%	6.4%	21.3%	Above	Total Population
Allina Health - Cambridge	221	11.8%	8.2%	16.7%	Above	Total Population
Allina Health - Ramsey	61	11.5%	5.7%	21.8%	Above	Total Population
Allina Health - Plymouth	35	11.4%	4.5%	26.0%	Average	Total Population
Allina Health - Nininger Road	54	11.1%	5.2%	22.2%	Average	Total Population
Allina Health - Nicollet Mall	36	11.1%	4.4%	25.3%	Average	Total Population
Allina Health - Faribault	112	10.7%	6.2%	17.8%	Above	Total Population
Allina Health - Elk River	38	10.5%	4.2%	24.1%	Average	Total Population
Allina Health - Champlin	69	10.1%	5.0%	19.5%	Average	Total Population
Entira Family Clinics - North St. Paul	60	10.0%	4.7%	20.2%	Average	Total Population
Fairview Eagan Clinic	50	10.0%	4.4%	21.4%	Average	Total Population
Entira Family Clinics - Como/Roseville	40	10.0%	4.0%	23.1%	Average	Total Population
Allina Health - Bloomington (Aspen)	51	9.8%	4.3%	21.0%	Average	Total Population
Allina Health - Forest Lake	82	9.8%	5.0%	18.1%	Average	Total Population
Fairview Elk River Clinic	75	9.3%	4.6%	18.0%	Average	Total Population
Allina Health - Shakopee	100	9.0%	4.8%	16.2%	Average	Total Population
Boynton Health Service	56	8.9%	3.9%	19.3%	Average	Total Population
FirstLight Health System - Pine City	45	8.9%	3.5%	20.7%	Average	Total Population
Allina Health Specialties - New Ulm Medical Center	102	8.8%	4.7%	15.9%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	80	8.8%	4.3%	17.0%	Average	Total Population
Fairview Hiawatha Clinic	92	8.7%	4.5%	16.2%	Average	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	46	8.7%	3.4%	20.3%	Average	Total Population
○ Olmsted Medical Center - Rochester Southeast - Psychiatry	108	8.3%	4.5%	15.1%	Average	Total Population
Fairview Zimmerman Clinic	60	8.3%	3.6%	18.1%	Average	Total Population
Affiliated Community Medical Centers - Willmar Clinic	146	8.2%	4.8%	13.8%	Average	Total Population

Table 25: Depression Remission at Six Months by Clinic - *continued*

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

Clinic Name (● =Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	19,294	5.3%	5.0%	5.6%		
HealthPartners - Woodbury	50	8.0%	3.2%	18.8%	Average	Total Population
Entira Family Clinics - East Side	102	7.8%	4.0%	14.7%	Average	Total Population
FirstLight Health System - Mora	78	7.7%	3.6%	15.8%	Average	Total Population
Mayo Clinic - Speciality Practice	53	7.6%	3.0%	17.9%	Average	Total Population
Olmsted Medical Center - Rochester Southeast	174	7.5%	4.4%	12.4%	Average	Total Population
Fairview Princeton Clinic	121	7.4%	4.0%	13.5%	Average	Total Population
Entira Family Clinics - Woodbury	54	7.4%	2.9%	17.6%	Average	Total Population
Mayo Clinic Health System Mankato Eastridge	83	7.2%	3.4%	14.9%	Average	Total Population
Allina Health - Northfield	155	7.1%	4.0%	12.3%	Average	Total Population
Park Nicollet Clinic - Brookdale	99	7.1%	3.5%	13.9%	Average	Total Population
○ Zumbro Valley Mental Health Center - Main Campus	57	7.0%	2.8%	16.7%	Average	Total Population
Fairview EdenCenter Clinic	60	6.7%	2.6%	15.9%	Average	Total Population
Mankato Clinic - Wickersham Campus	61	6.6%	2.6%	15.7%	Average	Total Population
Allina Health - Brooklyn Park	46	6.5%	2.2%	17.5%	Average	Total Population
HealthPartners - Bloomington	62	6.5%	2.5%	15.5%	Average	Total Population
Allina Health - Edina	31	6.5%	1.8%	20.7%	Average	Total Population
Allina Health - Maplewood (Aspen)	64	6.3%	2.5%	15.0%	Average	Total Population
Fairview Uptown Clinic	49	6.1%	2.1%	16.5%	Average	Total Population
HealthPartners - Inver Grove Behav Hlth	50	6.0%	2.1%	16.2%	Average	Total Population
○ Minnesota Mental Health Clinics - Eagan Clinic	339	5.9%	3.9%	8.9%	Average	Total Population
Essentia Health - Lakeside Clinic	51	5.9%	2.0%	15.9%	Average	Total Population
Essentia Health - Moorhead	34	5.9%	1.6%	19.1%	Average	Total Population
○ Human Development Center - Carlton County - IHN	34	5.9%	1.6%	19.1%	Average	Total Population
○ St Luke's Outpatient Mental Health	34	5.9%	1.6%	19.1%	Average	Total Population
Essentia Health - Virginia Clinic	35	5.7%	1.6%	18.6%	Average	Total Population
CentraCare Health - Melrose	35	5.7%	1.6%	18.6%	Average	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	88	5.7%	2.5%	12.6%	Average	Total Population
○ Allina Health Specialties - Allina Mental Health Unity	72	5.6%	2.2%	13.4%	Average	Total Population
HealthPartners - Como	54	5.6%	1.9%	15.1%	Average	Total Population
Fairview RidgeValley Clinic	38	5.3%	1.5%	17.3%	Average	Total Population
Fairview Blaine Clinic	58	5.2%	1.8%	14.1%	Average	Total Population
Fairview Milaca Clinic	78	5.1%	2.0%	12.5%	Average	Total Population
Mayo Clinic Health System Red Wing	39	5.1%	1.4%	16.9%	Average	Total Population
○ HealthPartners - Regions BH Woodbury	40	5.0%	1.4%	16.5%	Average	Total Population
HealthPartners Central Minnesota Clinics	141	5.0%	2.4%	9.9%	Average	Total Population
Northwest Family Physicians - Crystal	101	5.0%	2.1%	11.1%	Average	Total Population
○ Allina Health Specialties - Allina Mental Health United	42	4.8%	1.3%	15.8%	Average	Total Population
Sanford Bemidji 1611 Anne St Clinic	43	4.7%	1.3%	15.5%	Average	Total Population
Stillwater Medical Group - Curve Crest Clinic	130	4.6%	2.1%	9.7%	Average	Total Population
Fairview Riverside	44	4.6%	1.3%	15.1%	Average	Total Population
Rainy Lake Medical Center	68	4.4%	1.5%	12.2%	Average	Total Population
○ Associated Clinic of Psychology - Apple Valley	69	4.4%	1.5%	12.0%	Average	Total Population
Essentia Health - Duluth Clinic 1st St	141	4.3%	2.0%	9.0%	Average	Total Population
Essentia Health - Hermantown Clinic	47	4.3%	1.2%	14.3%	Average	Total Population
University of Minnesota Physicians - Smiley's Clinic	118	4.2%	1.8%	9.5%	Average	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	119	4.2%	1.8%	9.5%	Average	Total Population
Essentia Health - West Duluth Clinic	72	4.2%	1.4%	11.6%	Average	Total Population
Multicare Associates - Fridley Medical Center	48	4.2%	1.2%	14.0%	Average	Total Population
Mayo Clinic Health System Owatonna	146	4.1%	1.9%	8.7%	Average	Total Population
○ Mankato Clinic - Department of Psychiatry & Psychology	49	4.1%	1.1%	13.7%	Average	Total Population
Fairview CedarRidge Clinic	101	4.0%	1.6%	9.7%	Average	Total Population
Fairview Lakes Medical Center	129	3.9%	1.7%	8.8%	Average	Total Population
Fairview Highland Park Clinic	53	3.8%	1.0%	12.8%	Average	Total Population

Table 25: Depression Remission at Six Months by Clinic - *continued*

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

Clinic Name (● =Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	19,294	5.3%	5.0%	5.6%		
Park Nicollet Clinic - Shakopee	82	3.7%	1.3%	10.2%	Average	Total Population
CentraCare Family Health Center	110	3.6%	1.4%	9.0%	Average	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	55	3.6%	1.0%	12.3%	Average	Total Population
Fairview Columbia Heights Clinic	138	3.6%	1.6%	8.2%	Average	Total Population
○ Park Nicollet Clinic - St. Louis Park Psychiatry	286	3.5%	1.9%	6.3%	Average	Total Population
Fairview Brooklyn Park Clinic	150	3.3%	1.4%	7.6%	Average	Total Population
Park Nicollet Clinic - Prior Lake	30	3.3%	0.6%	16.7%	Average	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	30	3.3%	0.6%	16.7%	Average	Total Population
HealthEast Oakdale	30	3.3%	0.6%	16.7%	Average	Total Population
Mankato Clinic - Main Street	91	3.3%	1.1%	9.3%	Average	Total Population
HealthPartners - St Paul	122	3.3%	1.3%	8.1%	Average	Total Population
HealthPartners - Maplewood	61	3.3%	0.9%	11.2%	Average	Total Population
○ St. Cloud Hospital - Behavioral Health Clinic	215	3.3%	1.6%	6.6%	Average	Total Population
Essentia Health St. Joseph's Baxter Clinic	62	3.2%	0.9%	11.0%	Average	Total Population
Fairview Maple Grove Medical Center	31	3.2%	0.6%	16.2%	Average	Total Population
Sanford Detroit Lakes Clinic	31	3.2%	0.6%	16.2%	Average	Total Population
Park Nicollet Clinic - Bloomington	32	3.1%	0.6%	15.7%	Average	Total Population
Essentia Health - Duluth Clinic	66	3.0%	0.8%	10.4%	Average	Total Population
Fairview Pine City Clinic	34	2.9%	0.5%	14.9%	Average	Total Population
Essentia Health - Hibbing Clinic	34	2.9%	0.5%	14.9%	Average	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	34	2.9%	0.5%	14.9%	Average	Total Population
St. Cloud Medical Group - South - IHN	70	2.9%	0.8%	9.8%	Average	Total Population
○ HealthPartners - Regions BH St Paul	35	2.9%	0.5%	14.5%	Average	Total Population
Mayo Clinic Health System St. Peter	35	2.9%	0.5%	14.5%	Average	Total Population
United Family Medicine	185	2.7%	1.2%	6.2%	Average	Total Population
Multicare Associates - Blaine Medical Center	37	2.7%	0.5%	13.8%	Average	Total Population
○ Ramsey County Mental Health Center	112	2.7%	0.9%	7.6%	Average	Total Population
HealthPartners - Riverside	38	2.6%	0.5%	13.5%	Average	Total Population
CentraCare Health Plaza - Family Medicine	79	2.5%	0.7%	8.8%	Average	Total Population
Mayo Clinic Health System Albert Lea	80	2.5%	0.7%	8.7%	Average	Total Population
Fairview Crosstown Clinic	40	2.5%	0.4%	12.9%	Average	Total Population
NorthPoint Health & Wellness Center	245	2.5%	1.1%	5.2%	Below	Total Population
CentraCare Health - Long Prairie	41	2.4%	0.4%	12.6%	Average	Total Population
○ Associated Clinic of Psychology - West St. Paul	124	2.4%	0.8%	6.9%	Average	Total Population
Mayo Clinic - Genesee Building	84	2.4%	0.7%	8.3%	Average	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	42	2.4%	0.4%	12.3%	Average	Total Population
○ University of Minnesota Physicians - Psychiatry Clinic	42	2.4%	0.4%	12.3%	Average	Total Population
Fairview Riverside Primary Care Clinic	86	2.3%	0.6%	8.1%	Average	Total Population
○ Associated Clinic of Psychology - Brooklyn Center	92	2.2%	0.6%	7.6%	Average	Total Population
Mayo Clinic Health System Mankato Northridge	46	2.2%	0.4%	11.3%	Average	Total Population
○ HealthPartners - West Behav HIth	47	2.1%	0.4%	11.1%	Average	Total Population
Fairview Fridley Clinic	143	2.1%	0.7%	6.0%	Average	Total Population
Fairview Lakeville Clinic	48	2.1%	0.4%	10.9%	Average	Total Population
St. Cloud Medical Group - NW - IHN	100	2.0%	0.6%	7.0%	Average	Total Population
Mayo Clinic Health System Fairmont	51	2.0%	0.4%	10.3%	Average	Total Population
Duluth Family Medicine Clinic	103	1.9%	0.5%	6.8%	Average	Total Population
Lake Superior Community Health Center - Duluth	52	1.9%	0.3%	10.1%	Average	Total Population
○ Human Development Center - Duluth - IHN	53	1.9%	0.3%	9.9%	Average	Total Population
Fairview Andover Clinic	108	1.9%	0.5%	6.5%	Average	Total Population
Fairview Bloomington Lake Xerxes	54	1.9%	0.3%	9.8%	Average	Total Population
CentraCare - Northway	54	1.9%	0.3%	9.8%	Average	Total Population
HealthEast Rice Street Clinic	55	1.8%	0.3%	9.6%	Average	Total Population
HealthPartners - Brooklyn Center	56	1.8%	0.3%	9.5%	Average	Total Population

Table 25: Depression Remission at Six Months by Clinic - *continued*

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

Clinic Name (●=Psychiatry)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Clinic Average	19,294	5.3%	5.0%	5.6%		
Park Nicollet Clinic - Burnsville	56	1.8%	0.3%	9.5%	Average	Total Population
○ Associated Clinic of Psychology - Minneapolis	343	1.8%	0.8%	3.8%	Below	Total Population
Mayo Clinic Health System Austin	57	1.8%	0.3%	9.3%	Average	Total Population
Fairview Chisago Lakes Clinic	59	1.7%	0.3%	9.0%	Average	Total Population
Fairview Ridges Clinic	62	1.6%	0.3%	8.6%	Average	Total Population
HealthPartners - Coon Rapids	66	1.5%	0.3%	8.1%	Average	Total Population
University of Minnesota Physicians - Bethesda Clinic	141	1.4%	0.4%	5.0%	Below	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	141	1.4%	0.4%	5.0%	Below	Total Population
Fairview Northeast Clinic	77	1.3%	0.2%	7.0%	Average	Total Population
○ Western Mental Health Center, Inc.	79	1.3%	0.2%	6.8%	Average	Total Population
South Central Human Relations Center - Owatonna	93	1.1%	0.2%	5.8%	Average	Total Population
Native American Community Clinic	96	1.0%	0.2%	5.7%	Average	Total Population
HealthPartners - Anoka	47	0.0%	0.0%	7.6%	Average	Total Population
HealthPartners - Apple Valley	34	0.0%	0.0%	10.2%	Average	Total Population
HealthPartners - Hlth Ctr for Women	35	0.0%	0.0%	9.9%	Average	Total Population
HealthPartners - White Bear Lake	31	0.0%	0.0%	11.0%	Average	Total Population
○ HealthPartners - Regions BH Maplewood	51	0.0%	0.0%	7.0%	Average	Total Population
Fairview Rush City Clinic	42	0.0%	0.0%	8.4%	Average	Total Population
Fairview Lino Lakes Clinic	47	0.0%	0.0%	7.6%	Average	Total Population
Fairview North Branch Clinic	42	0.0%	0.0%	8.4%	Average	Total Population
Fairview Oxboro Clinic	45	0.0%	0.0%	7.9%	Average	Total Population
Fairview Bass Lake Clinic	33	0.0%	0.0%	10.4%	Average	Total Population
HealthEast Roselawn Clinic	50	0.0%	0.0%	7.1%	Average	Total Population
HealthEast Woodbury Clinic	36	0.0%	0.0%	9.6%	Average	Total Population
North Memorial Clinic - Golden Valley Physicians	34	0.0%	0.0%	10.2%	Average	Total Population
North Clinic - Oakdale Office in Robbinsdale	60	0.0%	0.0%	6.0%	Average	Total Population
University of Minnesota Physicians - Broadway Family Medicine	115	0.0%	0.0%	3.2%	Below	Total Population
University of Minnesota Physicians - Primary Care Center	37	0.0%	0.0%	9.4%	Average	Total Population
University of Minnesota Physicians - Phalen Clinic	112	0.0%	0.0%	3.3%	Below	Total Population
Essentia Health - Park Rapids	40	0.0%	0.0%	8.8%	Average	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	42	0.0%	0.0%	8.4%	Average	Total Population
Winona Health - Winona Clinic	64	0.0%	0.0%	5.7%	Average	Total Population
Grand Itasca Clinic	127	0.0%	0.0%	2.9%	Below	Total Population
Family Practice Medical Center of Willmar	39	0.0%	0.0%	9.0%	Average	Total Population
Apple Valley Medical Clinic - Family Practice	30	0.0%	0.0%	11.4%	Average	Total Population
United Hospital District Clinic	30	0.0%	0.0%	11.4%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	46	0.0%	0.0%	7.7%	Average	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	37	0.0%	0.0%	9.4%	Average	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	46	0.0%	0.0%	7.7%	Average	Total Population
Sanford Bagley Clinic	36	0.0%	0.0%	9.6%	Average	Total Population
Glencoe Regional Health Services - Glencoe	32	0.0%	0.0%	10.7%	Average	Total Population
Gateway Family Health Clinic - Moose Lake	35	0.0%	0.0%	9.9%	Average	Total Population
Gateway Family Health Clinic - Sandstone	34	0.0%	0.0%	10.2%	Average	Total Population
○ Hutchinson Health - Mental Health Clinic	42	0.0%	0.0%	8.4%	Average	Total Population
Hutchinson Health - Hutchinson Clinic	30	0.0%	0.0%	11.4%	Average	Total Population
Neighborhood HealthSource - Fremont Clinic	32	0.0%	0.0%	10.7%	Average	Total Population
○ Lakeland Mental Health Center - Fergus Falls	46	0.0%	0.0%	7.7%	Average	Total Population
○ Lakeland Mental Health Center - Alexandria	34	0.0%	0.0%	10.2%	Average	Total Population
○ Lakeland Mental Health Center - Moorhead	85	0.0%	0.0%	4.3%	Below	Total Population
○ Family Life Center	119	0.0%	0.0%	3.1%	Below	Total Population
○ Stark Mental Health Clinic	80	0.0%	0.0%	4.6%	Below	Total Population
○ Associates in Psychiatry & Psychology - Rochester	37	0.0%	0.0%	9.4%	Average	Total Population

Table 26: Appropriate Testing for Children with Pharyngitis by Medical Group
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Medical Group Average	11,174	86.6%	86.0%	87.2%		
# Central Pediatrics	35	100.0%	90.1%	100.0%	Above	Total Population
* Priority Pediatrics Urgent Care	34	100.0%	89.9%	100.0%	Above	Total Population
# Pediatric Services - Children's Health Network	31	100.0%	89.0%	100.0%	Above	Total Population
* Minute Clinic Diagnostic, P.A	306	99.4%	97.7%	99.8%	Above	Total Population
# Pediatric And Adolescent Services	884	99.3%	98.5%	99.7%	Above	Total Population
Multicare Associates of the Twin Cities	89	98.9%	93.9%	99.8%	Above	Total Population
# Pediatric And Young Adult Medicine - Children's Health Network	86	98.8%	93.7%	99.8%	Above	Total Population
* Express Healthcare	75	98.7%	92.8%	99.8%	Above	Total Population
Apple Valley Medical Clinic	72	98.6%	92.5%	99.8%	Above	Total Population
# Children's Health Care	862	97.8%	96.6%	98.6%	Above	Total Population
CCMH-Montevideo Clinic	34	97.1%	85.1%	99.5%	Average	Total Population
# Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	61	96.7%	88.8%	99.1%	Above	Total Population
HealthPartners Clinics	339	96.5%	93.9%	98.0%	Above	Total Population
Mayo Clinic Health System - Red Wing	56	96.4%	87.9%	99.0%	Above	Total Population
Winona Health	75	96.0%	88.9%	98.6%	Above	Total Population
* Target Clinic	223	95.1%	91.4%	97.2%	Above	Total Population
# South Lake Pediatrics	39	94.9%	83.1%	98.6%	Average	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	91	94.5%	87.8%	97.6%	Above	Total Population
Ridgeview Clinics	51	94.1%	84.1%	98.0%	Average	Total Population
* Emergency Physicians	129	93.8%	88.2%	96.8%	Above	Total Population
Family Health Center	31	93.6%	79.3%	98.2%	Average	Total Population
# Children's Clinic Network	135	93.3%	87.8%	96.5%	Above	Total Population
FirstLight Health System	74	93.2%	85.1%	97.1%	Average	Total Population
Park Nicollet Clinic	500	93.0%	90.4%	94.9%	Above	Total Population
Fairview Medical Group	444	92.8%	90.0%	94.9%	Above	Total Population
Entira Family Clinics	77	92.2%	84.0%	96.4%	Average	Total Population
Family Practice Medical Center Of Willmar	38	92.1%	79.2%	97.3%	Average	Total Population
St. Luke's Clinics	99	91.9%	84.9%	95.9%	Average	Total Population
Buffalo Clinic - IHN	48	91.7%	80.5%	96.7%	Average	Total Population
Grand Itasca Clinic	92	91.3%	83.8%	95.5%	Average	Total Population
Lakeview Clinic, Ltd.	56	91.1%	80.7%	96.1%	Average	Total Population
Mayo Clinic Health System - Lake City	33	90.9%	76.4%	96.9%	Average	Total Population
Allina Specialty Clinic	463	90.3%	87.2%	92.7%	Above	Total Population
HealthEast	98	89.8%	82.2%	94.4%	Average	Total Population
Mayo Clinic Health System - New Prague	39	89.7%	76.4%	95.9%	Average	Total Population
Lake Region Medical Group PA	65	89.2%	79.4%	94.7%	Average	Total Population
Gateway Family Health Clinic	46	89.1%	77.0%	95.3%	Average	Total Population
Mayo Clinic Health System - Owatonna	197	88.8%	83.7%	92.5%	Average	Total Population

Table 26: Appropriate Testing for Children with Pharyngitis by Medical Group - *continued*
 (Medical Groups with 30+ Minnesota Health Care Programs patients in denominator)

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Medical Group Average	11,174	86.6%	86.0%	87.2%		
Mayo Clinic Health System - Mankato	78	88.5%	79.5%	93.8%	Average	Total Population
Mayo Clinic Health System - Albert Lea	76	88.2%	79.0%	93.6%	Average	Total Population
* Suburban Emergency Associates	50	88.0%	76.2%	94.4%	Average	Total Population
Riverwood Aitkin Clinic	58	87.9%	77.1%	94.0%	Average	Total Population
University of Minnesota Physicians	63	87.3%	76.9%	93.4%	Average	Total Population
Mankato Clinic	228	86.8%	81.8%	90.6%	Average	Total Population
Olmsted Medical Center	252	86.5%	81.7%	90.2%	Average	Total Population
7 Day Clinic	43	86.1%	72.7%	93.4%	Average	Total Population
Glencoe Regional Health Services	39	84.6%	70.3%	92.8%	Average	Total Population
CentraCare Health	147	83.0%	76.1%	88.2%	Average	Total Population
Essentia Health - Central Region	200	82.5%	76.6%	87.1%	Average	Total Population
North Memorial Clinic	96	82.3%	73.5%	88.6%	Average	Total Population
Mayo Clinic	124	82.3%	74.6%	88.0%	Average	Total Population
Tri-County Health Care	57	80.7%	68.7%	88.9%	Average	Total Population
Hutchinson Health	88	80.7%	71.2%	87.6%	Average	Total Population
Unity Family Healthcare - Avon	46	80.4%	66.8%	89.4%	Average	Total Population
Lakewood Health System	70	80.0%	69.2%	87.7%	Average	Total Population
Essentia Health - West Region	110	79.1%	70.6%	85.6%	Below	Total Population
Sanford Health - Fargo Region	489	77.3%	73.4%	80.8%	Below	Total Population
Alexandria Clinic, PA.	62	75.8%	63.9%	84.8%	Below	Total Population
Affiliated Community Medical Centers	173	75.1%	68.2%	81.0%	Below	Total Population
Fairview Mesaba Clinics	70	74.3%	63.0%	83.1%	Below	Total Population
Essentia Health - East Region	168	73.8%	66.7%	79.9%	Below	Total Population
Mayo Clinic Health System - Waseca	51	72.6%	59.1%	82.9%	Below	Total Population
Sanford Health - Sioux Falls Region	90	71.1%	61.0%	79.5%	Below	Total Population
Avera Medical Group - Pipestone	53	64.2%	50.7%	75.7%	Below	Total Population
Hennepin Faculty Associates & HCMC Clinics	190	62.1%	55.0%	68.7%	Below	Total Population
Cuyuna Regional Medical Center - Clinic Services	47	61.7%	47.4%	74.2%	Below	Total Population
Sanford Bagley	39	59.0%	43.4%	72.9%	Below	Total Population
Essentia Health St. Mary's	71	57.8%	46.2%	68.6%	Below	Total Population
Stevens Community Medical Center	30	56.7%	39.2%	72.6%	Below	Total Population
Riverview Clinics	45	53.3%	39.1%	67.1%	Below	Total Population
Mayo Clinic Health System - Fairmont	48	52.1%	38.3%	65.5%	Below	Total Population
Essentia Health - Fosston	39	51.3%	36.2%	66.1%	Below	Total Population
Altru Health System	87	49.4%	39.2%	59.7%	Below	Total Population
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	38	44.7%	30.2%	60.3%	Below	Total Population
Thao Xoua Md	69	0.0%	0.0%	5.3%	Below	Total Population

Table 27: Childhood Immunization Status (Combo 3) by Medical Group

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

Medical Group Name # = Pediatric/Adolescent	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	4,171	75.6%	74.3%	76.9%		
Mankato Clinic	63	91.9%	82.6%	96.5%	Above	Sample
Olmsted Medical Center	63	86.8%	76.3%	93.1%	Above	Sample
# Children's Health Care	87	86.4%	77.7%	92.1%	Above	Sample
Affiliated Community Medical Centers	94	84.6%	76.0%	90.5%	Above	Sample
Fairview Medical Group	178	84.3%	78.2%	88.9%	Above	Sample
HealthPartners Clinics	352	82.7%	78.4%	86.3%	Above	Sample
Mayo Clinic	62	82.1%	70.7%	89.6%	Average	Sample
Hennepin Faculty Associates & HCMC Clinics	117	81.3%	73.2%	87.3%	Average	Sample
Essentia Health - Central Region	63	80.5%	69.1%	88.4%	Average	Sample
Essentia Health - East Region	142	80.3%	73.0%	86.0%	Average	Sample
#Fridley Children's & Teenagers' Medical Ctr - Children's Health Net.	63	79.3%	67.8%	87.5%	Average	Sample
Essentia Health - West Region	63	78.1%	66.4%	86.5%	Average	Sample
Sanford Health - Sioux Falls Region	65	77.4%	65.9%	85.9%	Average	Sample
Mayo Clinic Health System - Owatonna	87	76.3%	66.4%	84.0%	Average	Sample
#Children's Clinic Network	81	76.0%	65.7%	84.0%	Average	Sample
Entira Family Clinics	63	75.8%	63.9%	84.7%	Average	Sample
Grand Itasca Clinic	68	75.0%	63.6%	83.8%	Average	Sample
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	63	74.6%	62.6%	83.7%	Average	Sample
CentraCare Health	103	74.0%	64.7%	81.5%	Average	Sample
Sanford Health - Fargo Region	157	73.4%	66.0%	79.7%	Average	Sample
Buffalo Clinic - IHN	63	73.0%	61.0%	82.4%	Average	Sample
United Family Medicine	63	72.8%	60.8%	82.3%	Average	Sample
NorthPoint Health And Wellness Center	63	72.2%	60.1%	81.7%	Average	Sample
West Side Community Health Services	63	71.5%	59.3%	81.1%	Average	Sample
HealthEast	76	71.0%	60.0%	80.0%	Average	Sample
#Southdale Pediatric Associates Ltd	63	70.6%	58.4%	80.4%	Average	Sample
Allina Specialty Clinic	262	69.0%	63.2%	74.3%	Below	Sample
University of Minnesota Physicians	63	68.5%	56.3%	78.7%	Average	Sample

Table 28: Controlling High Blood Pressure by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample (of MHCP patients)
Medical Group Average	10,636	70.0%	69.1%	70.8%		
Northwest Family Physicians	66	88.3%	78.4%	94.0%	Above	Sample
Entira Family Clinics	131	87.0%	80.1%	91.7%	Above	Sample
Essentia Health - Fosston	69	85.2%	74.9%	91.7%	Above	Sample
Stillwater Medical Group	69	84.6%	74.3%	91.3%	Above	Sample
Unity Family Healthcare - Avon	67	81.5%	70.6%	89.0%	Average	Sample
Allina Specialty Clinic	1,081	80.9%	78.5%	83.1%	Above	Sample
Altru Health System	68	80.4%	69.4%	88.1%	Average	Sample
Duluth Family Practice Center	68	80.3%	69.3%	88.0%	Average	Sample
Mayo Clinic Health System - Red Wing	122	80.2%	72.3%	86.3%	Above	Sample
Essentia Health - East Region	277	79.8%	74.7%	84.1%	Above	Sample
Mayo Clinic Health System - Mankato	69	79.6%	68.7%	87.5%	Average	Sample
Fairview Mesaba Clinics	77	79.3%	68.9%	86.8%	Average	Sample
Park Nicollet Clinic	430	79.0%	74.9%	82.6%	Above	Sample
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	68	78.8%	67.7%	86.9%	Average	Sample
Multicare Associates of the Twin Cities	71	78.7%	67.8%	86.6%	Average	Sample
Mayo Clinic Health System - Fairmont	69	77.6%	66.4%	85.8%	Average	Sample
Essentia Health - Central Region	105	77.2%	68.3%	84.2%	Average	Sample
Raiter Clinic, LTD - IHN	69	77.2%	66.0%	85.5%	Average	Sample
Ridgeview Clinics	69	76.9%	65.7%	85.3%	Average	Sample
Essentia Health St. Mary's	67	76.4%	64.9%	84.9%	Average	Sample
Olmsted Medical Center	112	76.2%	67.5%	83.1%	Average	Sample
Sanford Health - Fargo Region	299	75.8%	70.6%	80.3%	Average	Sample
Essentia Health - West Region	102	75.7%	66.6%	83.0%	Average	Sample
Fairview Medical Group	629	75.6%	72.1%	78.8%	Above	Sample
Mayo Clinic Health System - Owatonna	122	74.8%	66.5%	81.7%	Average	Sample
Alexandria Clinic, PA.	89	74.3%	64.4%	82.3%	Average	Sample
Family Health Center	66	74.1%	62.4%	83.1%	Average	Sample
Lake Region Medical Group PA	69	73.6%	62.2%	82.6%	Average	Sample
St. Luke's Clinics	74	73.5%	62.4%	82.2%	Average	Sample
North Memorial Clinic	189	73.5%	66.7%	79.2%	Average	Sample
Hutchinson Health	86	73.2%	63.0%	81.5%	Average	Sample

Table 28: Controlling High Blood Pressure by Medical Group - *continued*

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population of Sample (of MHCP patients)
Medical Group Average	10,636	70.0%	69.1%	70.8%		
Mankato Clinic	70	72.4%	61.0%	81.5%	Average	Sample
Cuyuna Regional Medical Center - Clinic Services	66	72.0%	60.1%	81.4%	Average	Sample
Mayo Clinic Health System - Albert Lea	118	71.5%	62.8%	78.8%	Average	Sample
HealthPartners Clinics	840	71.5%	68.3%	74.4%	Average	Sample
Affiliated Community Medical Centers	132	70.4%	62.2%	77.6%	Average	Sample
CentraCare Health	104	70.0%	60.6%	78.0%	Average	Sample
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	69	68.0%	56.3%	77.8%	Average	Sample
FirstLight Health System	71	67.6%	56.1%	77.4%	Average	Sample
United Family Medicine	67	67.3%	55.4%	77.3%	Average	Sample
Lakewood Health System	69	65.7%	53.9%	75.8%	Average	Sample
HealthEast	173	64.2%	56.8%	70.9%	Average	Sample
Winona Health	67	63.6%	51.7%	74.1%	Average	Sample
Gateway Family Health Clinic	69	62.5%	50.7%	73.0%	Average	Sample
North Clinic	70	61.2%	49.4%	71.7%	Average	Sample
Hennepin Faculty Associates & HCMC Clinics	988	61.1%	58.1%	64.1%	Below	Sample
University of Minnesota Physicians	232	60.0%	53.6%	66.1%	Below	Sample
Community University Health Care Center	70	59.9%	48.2%	70.5%	Below	Sample
Neighborhood Healthsource	68	59.7%	47.8%	70.5%	Below	Sample
Buffalo Clinic - IHN	69	58.0%	46.3%	68.9%	Below	Sample
Grand Itasca Clinic	148	57.9%	49.8%	65.6%	Below	Sample
Tri-County Health Care	69	57.7%	45.9%	68.6%	Below	Sample
NorthPoint Health And Wellness Center	92	55.8%	45.6%	65.5%	Below	Sample
Sanford Health - Sioux Falls Region	69	55.3%	43.6%	66.4%	Below	Sample
Open Cities Health Center	71	55.0%	43.5%	66.0%	Below	Sample
Riverwood Aitkin Clinic	67	54.4%	42.6%	65.8%	Below	Sample
Mayo Clinic	79	52.1%	41.3%	62.8%	Below	Sample
Sanford Bagley	117	50.5%	41.6%	59.4%	Below	Sample
St. Paul Family Medical Center	68	48.2%	36.8%	59.9%	Below	Sample
Cedar Riverside People's Center	67	46.1%	34.7%	57.9%	Below	Sample
West Side Community Health Services	70	45.1%	34.0%	56.7%	Below	Sample
Advanced Medical Clinic	70	44.9%	33.8%	56.5%	Below	Sample

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	Total Population or Sample (of MHCP patients)
Medical Group Average	14,175	55.8%	54.9%	56.6%		
Face To Face Health & Counseling	127	91.3%	85.2%	95.1%	Above	Total Population
NorthPoint Health And Wellness Center	218	82.6%	77.0%	87.0%	Above	Total Population
Hennepin Faculty Associates & HCMC Clinics	401	80.8%	76.7%	84.4%	Above	Total Population
^ Planned Parenthood Of Minnesota, North Dakota, South Dakota	142	78.2%	70.7%	84.2%	Above	Total Population
HealthPartners Clinics	1,228	76.2%	73.8%	78.5%	Above	Total Population
United Family Medicine	85	74.1%	63.9%	82.2%	Above	Total Population
West Side Community Health Services	318	72.0%	66.8%	76.7%	Above	Total Population
University of Minnesota Physicians	406	66.0%	61.3%	70.5%	Above	Total Population
Family Health Center	41	65.9%	50.6%	78.4%	Average	Total Population
^ Premier OB/GYN of Minnesota	81	65.4%	54.6%	74.9%	Average	Total Population
HealthEast	370	64.1%	59.0%	68.8%	Above	Total Population
Community University Health Care Center	88	63.6%	53.2%	72.9%	Average	Total Population
Fairview Medical Group	879	63.6%	60.4%	66.7%	Above	Total Population
Cedar Riverside People's Center	60	63.3%	50.7%	74.4%	Average	Total Population
Duluth Family Practice Clinic	30	63.3%	45.5%	78.1%	Average	Total Population
Mayo Clinic Health System - Albert Lea	195	62.6%	55.6%	69.1%	Average	Total Population
Allina Specialty Clinic	1,479	61.9%	59.4%	64.4%	Above	Total Population
Open Cities Health Center	42	61.9%	46.8%	75.0%	Average	Total Population
FirstLight Health System	73	61.6%	50.2%	72.0%	Average	Total Population
Neighborhood Healthsource	57	61.4%	48.4%	72.9%	Average	Total Population
Mayo Clinic Health System - Red Wing	53	60.4%	46.9%	72.4%	Average	Total Population
St. Luke's Clinics	152	59.2%	51.3%	66.7%	Average	Total Population
Park Nicollet Clinic	611	58.6%	54.7%	62.4%	Average	Total Population
North Clinic	65	55.4%	43.3%	66.8%	Average	Total Population
Entira Family Clinics	199	55.3%	48.3%	62.0%	Average	Total Population
# Children's Health Care	80	55.0%	44.1%	65.4%	Average	Total Population
Affiliated Community Medical Centers	264	54.9%	48.9%	60.8%	Average	Total Population
Unity Family Healthcare - Avon	53	54.7%	41.5%	67.3%	Average	Total Population
Buffalo Clinic - IHN	116	54.3%	45.3%	63.1%	Average	Total Population
Fairview Mesaba Clinics	70	54.3%	42.7%	65.4%	Average	Total Population
Mayo Clinic	124	51.6%	42.9%	60.2%	Average	Total Population
Multicare Associates of the Twin Cities	92	51.1%	41.0%	61.1%	Average	Total Population
Raiter Clinic, LTD - IHN	51	51.0%	37.7%	64.1%	Average	Total Population
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	135	50.4%	42.0%	58.7%	Average	Total Population
CentraCare Health	270	50.0%	44.1%	55.9%	Below	Total Population
North Memorial Clinic	109	49.5%	40.3%	58.8%	Average	Total Population

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	Total Population or Sample (of MHCP patients)
Medical Group Average	14,175	55.8%	54.9%	56.6%		
Mayo Clinic Health System - Owatonna	109	49.5%	40.3%	58.8%	Average	Total Population
Essentia Health - East Region	413	48.9%	44.1%	53.7%	Below	Total Population
Mankato Clinic	150	48.7%	40.8%	56.6%	Below	Total Population
Mayo Clinic Health System - Mankato	104	48.1%	38.7%	57.6%	Average	Total Population
Lakeview Clinic, Ltd.	59	47.5%	35.3%	60.0%	Average	Total Population
CCMH-Montevideo Clinic	36	47.2%	32.0%	63.0%	Average	Total Population
Northwest Family Physicians	47	46.8%	33.3%	60.8%	Average	Total Population
# Children's Clinic Network	81	45.7%	35.3%	56.5%	Below	Total Population
Grand Itasca Clinic	129	45.0%	36.7%	53.6%	Below	Total Population
Winona Health	101	44.6%	35.2%	54.3%	Below	Total Population
Essentia Health - Central Region	148	43.9%	36.2%	52.0%	Below	Total Population
Apple Valley Medical Clinic	37	43.2%	28.7%	59.1%	Average	Total Population
Altru Health System	96	42.7%	33.3%	52.7%	Below	Total Population
Lake Region Medical Group PA	68	42.7%	31.6%	54.5%	Below	Total Population
Riverwood Aitkin Clinic	51	41.2%	28.8%	54.8%	Below	Total Population
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	61	41.0%	29.5%	53.5%	Below	Total Population
Family Practice Medical Center Of Willmar	35	40.0%	25.6%	56.4%	Below	Total Population
Mayo Clinic Health System - Fairmont	35	40.0%	25.6%	56.4%	Below	Total Population
Tri-County Health Care	63	39.7%	28.5%	52.0%	Below	Total Population
Stillwater Medical Group	53	39.6%	27.6%	53.1%	Below	Total Population
Gateway Family Health Clinic	43	39.5%	26.4%	54.4%	Below	Total Population
Mayo Clinic Health System - Lake City	31	38.7%	23.7%	56.2%	Below	Total Population
Essentia Health St. Mary's	66	37.9%	27.2%	49.9%	Below	Total Population
Sanford Health - Fargo Region	397	35.5%	31.0%	40.3%	Below	Total Population
Glenwood Medical Center	31	35.5%	21.1%	53.1%	Below	Total Population
Sanford Bagley	131	34.4%	26.8%	42.8%	Below	Total Population
Alexandria Clinic, PA.	76	32.9%	23.4%	44.1%	Below	Total Population
Lakewood Health System	85	31.8%	22.8%	42.3%	Below	Total Population
Hutchinson Health	66	28.8%	19.3%	40.6%	Below	Total Population
Sanford Health - Sioux Falls Region	117	28.2%	20.8%	37.0%	Below	Total Population
Glencoe Regional Health Services	36	27.8%	15.9%	44.0%	Below	Total Population
Cuyuna Regional Medical Center - Clinic Services	44	27.3%	16.4%	41.9%	Below	Total Population
Essentia Health - West Region	109	18.4%	12.2%	26.7%	Below	Total Population
Essentia Health - Fosston	36	16.7%	7.9%	31.9%	Below	Total Population
Avera Medical Group - Pipestone	38	13.2%	5.8%	27.3%	Below	Total Population

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 2012, 2013 and 2014 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 (-two percent to +two percent).
- Consistently declined: Medical groups with more than a two percentage point decrease between each consecutive year.
- Variable performance (with an improvement or with a decline): Medical groups with an up/down pattern that was not consistent and did not fall into one of the other categories.

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

* p-trend < 0.05

Table 30: Optimal Vascular Care – Rate Changes for Reporting Years 2012 to 2014

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Entira Family Clinics	39.7%	43.3%	62.8%	3.6%	19.5%	23.1%	Consistently Improved
Mayo Clinic Health System	37.1%	42.5%	45.7%	5.4%	3.1%	8.5%	Consistently Improved
Sanford Health - Sioux Falls Region	19.1%	35.4%	42.3%	16.4%	6.8%	23.2%	Consistently Improved
Integrity Health Network	17.1%	31.1%	41.6%	14.1%	10.5%	24.5%	Consistently Improved
CentraCare Health	23.1%	29.0%	40.9%	5.9%	11.9%	17.8%	Consistently Improved
United Hospital District Clinic	31.6%	34.6%	39.0%	3.0%	4.4%	7.5%	Consistently Improved
Mankato Clinic, Ltd.	40.0%	31.3%	58.7%	-8.8%	27.4%	18.7%	Variable Improvement
Fairview Health Services	39.8%	39.2%	52.8%	-0.6%	13.6%	13.0%	Variable Improvement
Allina Health Clinics	48.8%	47.4%	51.4%	-1.4%	3.9%	2.5%	Variable Improvement
Park Nicollet Health Services	47.1%	44.6%	51.1%	-2.5%	6.6%	4.0%	Variable Improvement
Affiliated Community Medical Centers	41.3%	25.5%	49.4%	-15.7%	23.9%	8.1%	Variable Improvement
Mayo Clinic	43.1%	40.4%	49.0%	-2.7%	8.6%	5.9%	Variable Improvement
St. Luke's Clinics	31.0%	31.3%	44.7%	0.2%	13.4%	13.6%	Variable Improvement
HealthPartners Clinics	36.1%	37.1%	44.5%	1.1%	7.4%	8.4%	Variable Improvement
University of Minnesota Physicians	17.4%	43.3%	41.0%	25.9%	-2.3%	23.6%	Variable Improvement
Essentia Health - East Region	38.2%	37.2%	39.7%	-0.9%	2.4%	1.5%	Variable Improvement
Olmsted Medical Center	31.1%	30.4%	39.0%	-0.7%	8.5%	7.9%	Variable Improvement
Sanford Health - Fargo Region	30.5%	27.0%	38.8%	-3.4%	11.7%	8.3%	Variable Improvement
North Memorial	42.6%	40.0%	41.2%	-2.6%	1.2%	-1.5%	Variable Decline
Allina Health Specialties	46.8%	36.5%	37.8%	-10.3%	1.4%	-8.9%	Variable Decline
HealthEast Clinics	41.4%	34.2%	37.5%	-7.3%	3.4%	-3.9%	Variable Decline
Hennepin County Medical Center (HCMC) Clinics	26.5%	27.0%	22.2%	0.5%	-4.8%	-4.3%	Variable Decline
NorthPoint Health & Wellness Center	20.4%	14.0%	14.3%	-6.4%	0.3%	-6.1%	Variable Decline

**Table 31: Optimal Asthma Care – Children Ages 5-17 –
Rate Changes for Reporting Years 2012 to 2014**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
CentraCare Health*	48.3%	60.0%	70.2%	11.7%	10.2%	21.9%	Consistently Improved
Allina Health Clinics	42.5%	59.8%	64.0%	17.3%	4.2%	21.5%	Consistently Improved
Olmsted Medical Center	29.2%	39.5%	61.1%	10.4%	21.5%	31.9%	Consistently Improved
Children's Respiratory & Critical Care Specialists	32.8%	57.8%	60.3%	25.0%	2.5%	27.5%	Consistently Improved
Park Nicollet Health Services	2.9%	41.0%	58.9%	38.1%	17.9%	56.0%	Consistently Improved
HealthPartners Clinics	32.1%	41.1%	57.5%	9.0%	16.4%	25.4%	Consistently Improved
Hennepin County Medical Center (HCMC) Clinics	42.8%	48.3%	56.2%	5.5%	7.9%	13.4%	Consistently Improved
Allergy, Asthma & Pulmonary Associates, PA	0.0%	43.6%	54.8%	43.6%	11.3%	54.8%	Consistently Improved
Essentia Health - West	2.9%	42.4%	54.6%	39.4%	12.3%	51.7%	Consistently Improved
Mayo Clinic Health System*	17.4%	34.5%	54.6%	17.1%	20.1%	37.2%	Consistently Improved
Mankato Clinic, Ltd.	24.1%	50.5%	54.3%	26.4%	3.7%	30.1%	Consistently Improved
Children's Hospitals and Clinics of Minnesota	26.4%	43.9%	53.5%	17.5%	9.6%	27.1%	Consistently Improved
Affiliated Community Medical Centers	25.0%	27.2%	51.1%	2.2%	23.9%	26.1%	Consistently Improved
Multicare Associates	16.7%	30.0%	45.5%	13.3%	15.5%	28.8%	Consistently Improved
Sanford Health - Fargo Region	5.2%	11.5%	19.8%	6.3%	8.3%	14.6%	Consistently Improved
South Lake Pediatrics	49.1%	28.0%	76.6%	-21.1%	48.6%	27.5%	Variable Improvement
Allergy & Asthma Specialists, PA	68.8%	69.2%	75.3%	0.5%	6.1%	6.5%	Variable Improvement
HealthPartners Central Minnesota Clinics	51.0%	73.7%	68.1%	22.7%	-5.6%	17.0%	Variable Improvement
Fairview Health Services	56.9%	57.2%	60.6%	0.4%	3.4%	3.7%	Variable Improvement
Mayo Clinic	52.4%	67.7%	56.0%	15.2%	-11.7%	3.5%	Variable Improvement
University of Minnesota Physicians	16.4%	17.5%	36.3%	1.0%	18.8%	19.9%	Variable Improvement
NorthPoint Health & Wellness Center	10.5%	33.6%	34.5%	23.2%	0.9%	24.1%	Variable Improvement
St. Luke's Clinics	3.8%	29.6%	30.7%	25.9%	1.0%	26.9%	Variable Improvement
Sanford Health - Sioux Falls Region	4.6%	21.7%	21.9%	17.2%	0.2%	17.3%	Variable Improvement
North Memorial	13.2%	13.8%	21.2%	0.6%	7.4%	8.0%	Variable Improvement
Integrity Health Network	3.0%	18.6%	18.2%	15.6%	-0.4%	15.2%	Variable Improvement
United Family Medicine	4.7%	16.0%	12.9%	11.4%	-3.1%	8.3%	Variable Improvement
Avera Medical Group	0.0%	0.0%	10.3%	0.0%	10.3%	10.3%	Variable Improvement
Altru Health System	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Essentia Health - East Region	57.5%	54.3%	55.9%	-3.2%	1.6%	-1.6%	Variable Decline
HealthEast Clinics	48.1%	45.3%	37.1%	-2.8%	-8.2%	-11.1%	Consistently Declined
Entira Family Clinics (formerly Family Health Services MN)	49.2%	42.3%	32.4%	-7.0%	-9.9%	-16.9%	Consistently Declined

**Table 32: Optimal Diabetes Care –
Rate Changes for Reporting Years 2012 to 2014**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Northwest Family Physicians	28.2%	45.8%	54.0%	17.7%	8.1%	25.8%	Consistently Improved
Mayo Clinic Health System	27.9%	29.9%	34.6%	2.0%	4.8%	6.8%	Consistently Improved
Integrity Health Network	16.0%	29.7%	33.2%	13.7%	3.5%	17.2%	Consistently Improved
Olmsted Medical Center	21.3%	23.7%	28.0%	2.4%	4.3%	6.7%	Consistently Improved
Scenic Rivers Health Services	11.3%	14.3%	19.2%	3.0%	4.9%	7.9%	Consistently Improved
Entira Family Clinics	35.0%	31.6%	52.5%	-3.3%	20.9%	17.6%	Variable Improvement
Family Practice Medical Center of Willmar	32.7%	29.2%	52.5%	-3.5%	23.3%	19.9%	Variable Improvement
Park Nicollet Health Services	34.6%	33.2%	40.1%	-1.3%	6.9%	5.5%	Variable Improvement
Allina Health Clinics	36.4%	35.8%	39.4%	-0.6%	3.7%	3.1%	Variable Improvement
Affiliated Community Medical Centers	30.6%	32.3%	39.2%	1.7%	7.0%	8.6%	Variable Improvement
Stillwater Medical Group	23.6%	23.3%	39.2%	-0.3%	15.8%	15.6%	Variable Improvement
Apple Valley Medical Clinic	28.2%	37.5%	37.9%	9.3%	0.4%	9.7%	Variable Improvement
Mankato Clinic, Ltd.	29.1%	29.3%	36.8%	0.3%	7.5%	7.8%	Variable Improvement
HealthPartners Clinics	28.8%	30.2%	36.6%	1.3%	6.4%	7.8%	Variable Improvement
Fairview Health Services	29.9%	28.4%	35.9%	-1.5%	7.5%	6.0%	Variable Improvement
Ridgeview Clinics	32.8%	20.2%	33.0%	-12.5%	12.8%	0.2%	Variable Improvement
HealthEast Clinics	29.3%	25.7%	32.9%	-3.6%	7.2%	3.6%	Variable Improvement
Essentia Health - Central Region	21.6%	23.3%	32.2%	1.7%	8.9%	10.6%	Variable Improvement
North Memorial	27.3%	30.4%	30.7%	3.2%	0.3%	3.4%	Variable Improvement
Mayo Clinic	27.3%	23.4%	30.1%	-3.9%	6.7%	2.8%	Variable Improvement
Sanford Health - Fargo Region	23.5%	23.7%	29.4%	0.3%	5.7%	6.0%	Variable Improvement
CentraCare Health	23.3%	24.9%	29.4%	1.5%	4.5%	6.1%	Variable Improvement
Sanford Health - Sioux Falls Region	24.9%	19.5%	28.6%	-5.5%	9.2%	3.7%	Variable Improvement
United Hospital District Clinic	27.8%	24.9%	28.6%	-2.9%	3.7%	0.8%	Variable Improvement
Unity Family Healthcare, Family Medical Center	21.1%	22.0%	25.8%	0.9%	3.9%	4.8%	Variable Improvement
St. Luke's Clinics	16.6%	16.3%	24.5%	-0.3%	8.2%	7.9%	Variable Improvement
Altru Health System	17.3%	9.3%	23.8%	-8.1%	14.5%	6.4%	Variable Improvement
Winona Health	20.0%	15.3%	23.6%	-4.7%	8.3%	3.6%	Variable Improvement
Renville County Hospital and Clinics	15.8%	38.6%	23.3%	22.9%	-15.4%	7.5%	Variable Improvement
CentraCare Family Health Center	20.9%	19.6%	22.6%	-1.3%	3.0%	1.7%	Variable Improvement
NorthPoint Health & Wellness Center	15.1%	15.3%	20.9%	0.2%	5.5%	5.7%	Variable Improvement
Neighborhood Healthsource	16.6%	34.2%	19.7%	17.6%	-14.6%	3.1%	Variable Improvement
Riverwood Healthcare Center	2.9%	11.1%	12.3%	8.3%	1.2%	9.5%	Variable Improvement
Essentia Health - East Region	31.2%	32.6%	34.1%	1.4%	1.5%	2.9%	Relatively Stable
FirstLight Health System	28.1%	26.7%	25.9%	-1.4%	-0.8%	-2.2%	Relatively Stable
Gateway Family Health Clinic	24.4%	24.5%	24.7%	0.1%	0.3%	0.3%	Relatively Stable
Hennepin County Medical Center (HCMC) Clinics	13.2%	14.6%	15.6%	1.5%	0.9%	2.4%	Relatively Stable
Allina Health Specialties	39.0%	35.3%	35.4%	-3.7%	0.2%	-3.6%	Variable Decline
HealthPartners Central Minnesota Clinics	27.8%	18.5%	27.0%	-9.3%	8.5%	-0.8%	Variable Decline
University of Minnesota Physicians	24.8%	18.8%	22.1%	-6.0%	3.3%	-2.7%	Variable Decline
Community University Health Care Center	22.6%	19.3%	20.3%	-3.2%	1.0%	-2.2%	Variable Decline

**Table 33: Optimal Asthma Care – Adults Ages 18-50 –
Rate Changes for Reporting Years 2012 to 2014**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
HealthPartners Central Minnesota Clinics	39.0%	65.8%	68.0%	26.8%	2.2%	28.9%	Consistently Improved
Allina Health Clinics	43.6%	52.8%	61.9%	9.2%	9.1%	18.3%	Consistently Improved
Olmsted Medical Center	17.9%	25.8%	53.3%	7.9%	27.6%	35.5%	Consistently Improved
Fairview Health Services	44.9%	49.6%	51.7%	4.7%	2.1%	6.8%	Consistently Improved
Park Nicollet Health Services*	3.9%	26.3%	47.9%	22.4%	21.6%	44.0%	Consistently Improved
FirstLight Health System	13.9%	26.0%	46.3%	12.1%	20.3%	32.5%	Consistently Improved
Essentia Health - Central Region	20.0%	38.6%	43.2%	18.6%	4.6%	23.2%	Consistently Improved
HealthPartners Clinics	22.0%	30.3%	40.3%	8.3%	10.0%	18.2%	Consistently Improved
Mayo Clinic Health System	11.6%	28.7%	38.9%	17.1%	10.2%	27.3%	Consistently Improved
Affiliated Community Medical Centers	14.4%	25.7%	38.0%	11.4%	12.2%	23.6%	Consistently Improved
Southside Community Health Services	0.0%	5.9%	26.3%	5.9%	20.4%	26.3%	Consistently Improved
Multicare Associates	11.5%	18.6%	24.7%	7.1%	6.1%	13.2%	Consistently Improved
University of Minnesota Physicians	8.5%	12.5%	24.0%	4.0%	11.5%	15.5%	Consistently Improved
Hennepin County Medical Center (HCMC) Clinics	14.0%	17.5%	19.6%	3.6%	2.1%	5.7%	Consistently Improved
NorthPoint Health & Wellness Center	4.0%	11.8%	15.3%	7.8%	3.6%	11.4%	Consistently Improved
United Family Medicine	2.0%	8.1%	12.3%	6.1%	4.2%	10.3%	Consistently Improved
CentraCare Health	44.8%	45.9%	57.5%	1.0%	11.7%	12.7%	Variable Improvement
Mankato Clinic, Ltd.	22.7%	20.3%	52.6%	-2.4%	32.2%	29.9%	Variable Improvement
Allergy & Asthma Specialists, PA	41.8%	62.4%	42.9%	20.6%	-19.5%	1.1%	Variable Improvement
Essentia Health - West	4.8%	33.3%	34.5%	28.6%	1.2%	29.7%	Variable Improvement
Northwest Family Physicians	18.5%	27.8%	28.8%	9.3%	1.0%	10.3%	Variable Improvement
Mayo Clinic	5.9%	26.7%	23.8%	20.8%	-2.9%	17.9%	Variable Improvement
St. Luke's Clinics	2.5%	19.5%	20.8%	17.0%	1.3%	18.3%	Variable Improvement
North Memorial	12.5%	21.7%	17.9%	9.2%	-3.9%	5.4%	Variable Improvement
Sanford Health - Fargo Region	2.0%	2.8%	17.5%	0.7%	14.7%	15.5%	Variable Improvement
Sanford Health - Sioux Falls Region	5.2%	16.7%	14.6%	11.5%	-2.1%	9.4%	Variable Improvement
Integrity Health Network	10.1%	6.4%	10.6%	-3.6%	4.2%	0.6%	Variable Improvement
North Clinic	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Altru Health System	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Ridgeview Clinics	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Winona Health	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Riverwood Healthcare Center	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Essentia Health - East Region	43.3%	45.8%	41.5%	2.4%	-4.3%	-1.9%	Variable Decline
Entira Family Clinics	44.1%	39.8%	36.1%	-4.3%	-3.7%	-8.0%	Variable Decline
HealthEast Clinics	27.2%	41.9%	26.7%	14.6%	-15.1%	-0.5%	Variable Decline
Minnesota Lung Center/Minnesota Sleep Institute	40.4%	35.9%	24.2%	-4.5%	-11.7%	-16.2%	Variable Decline
CentraCare Family Health Center	22.5%	18.6%	13.3%	-3.9%	-5.3%	-9.2%	Variable Decline
Stevens Community Medical Center	1.9%	5.1%	0.0%	3.2%	-5.1%	-1.9%	Variable Decline

**Table 34: Colorectal Cancer Screening –
Rate Changes for Reporting Years 2012 to 2014**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Lakewood Health System	60.7%	65.5%	67.9%	4.8%	2.4%	7.2%	Consistently Improved
Mayo Clinic Health System	52.8%	57.2%	63.2%	4.4%	5.9%	10.4%	Consistently Improved
Essentia Health - East Region	51.0%	53.9%	58.5%	2.9%	4.5%	7.4%	Consistently Improved
Gundersen Health System	58.1%	60.5%	66.3%	2.4%	5.8%	8.2%	Consistently Improved
Chippewa County Montevideo Hospital & Medical Clinic	33.1%	40.4%	49.8%	7.3%	9.4%	16.7%	Consistently Improved
Fairview Health Services	60.3%	63.3%	64.7%	3.0%	1.4%	4.4%	Variable Improvement
HealthPartners Clinics	58.3%	62.4%	62.6%	4.1%	0.3%	4.4%	Variable Improvement
Affiliated Community Medical Centers	55.4%	58.4%	58.9%	3.0%	0.5%	3.5%	Variable Improvement
Allina Health Clinics	52.0%	59.7%	58.0%	7.7%	-1.7%	6.0%	Variable Improvement
Oakdale Ob/Gyn	43.4%	78.2%	55.7%	34.8%	-22.5%	12.3%	Variable Improvement
North Memorial	53.7%	50.1%	54.1%	-3.6%	4.1%	0.5%	Variable Improvement
Family Practice Medical Center of Willmar	47.7%	52.8%	53.8%	5.1%	1.0%	6.1%	Variable Improvement
Park Nicollet Health Services	53.6%	49.7%	53.7%	-3.8%	4.0%	0.2%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	37.9%	50.5%	50.5%	12.6%	0.0%	12.6%	Variable Improvement
St. Luke's Clinics	39.7%	62.0%	49.5%	22.3%	-12.4%	9.8%	Variable Improvement
Altru Health System	43.2%	39.7%	49.5%	-3.6%	9.8%	6.3%	Variable Improvement
Lakewood Health Center Clinic	39.4%	33.3%	43.5%	-6.1%	10.2%	4.1%	Variable Improvement
Scenic Rivers Health Services	35.9%	42.4%	41.5%	6.4%	-0.9%	5.6%	Variable Improvement
University of Minnesota Physicians	35.2%	34.7%	41.0%	-0.6%	6.4%	5.8%	Variable Improvement
FamilyHealth Medical Clinics	37.7%	49.0%	40.5%	11.3%	-8.5%	2.7%	Variable Improvement
Mankato Clinic, Ltd.	59.0%	56.6%	65.2%	-2.3%	8.6%	6.3%	Variable Improvement
Burnsville Family Physicians	57.8%	64.0%	61.9%	6.2%	-2.1%	4.1%	Variable Improvement
Essentia Health - Central Region	54.4%	52.7%	57.9%	-1.7%	5.2%	3.5%	Variable Improvement
Hendricks Community Hospital Association	39.0%	32.4%	54.8%	-6.6%	22.3%	15.7%	Variable Improvement
Winona Health	44.1%	52.5%	52.6%	8.4%	0.2%	8.6%	Variable Improvement
Sawtooth Mountain Clinic	49.2%	58.7%	52.6%	9.5%	-6.1%	3.4%	Variable Improvement
Unity Family Healthcare, Family Medical Center	49.3%	48.4%	51.2%	-0.9%	2.7%	1.9%	Variable Improvement
Renville County Hospital and Clinics	39.5%	39.8%	47.5%	0.3%	7.7%	8.0%	Variable Improvement
Southside Community Health Services	27.9%	29.3%	31.8%	1.4%	2.5%	3.9%	Variable Improvement
CentraCare Health	65.8%	67.6%	65.7%	1.7%	-1.9%	-0.1%	Relatively Stable
Mayo Clinic	59.1%	59.2%	60.8%	0.1%	1.6%	1.7%	Relatively Stable
Entira Family Clinics	49.3%	49.6%	47.6%	0.3%	-2.0%	-1.7%	Relatively Stable
Gateway Family Health Clinic	46.7%	46.3%	45.8%	-0.5%	-0.5%	-0.9%	Relatively Stable
NorthPoint Health & Wellness Center	44.1%	45.7%	46.5%	1.6%	0.9%	2.5%	Relatively Stable
Neighborhood Healthsource	31.1%	30.0%	30.7%	-1.1%	0.7%	-0.4%	Relatively Stable
Allina Health Specialties	56.6%	59.0%	55.4%	2.4%	-3.6%	-1.2%	Variable Decline
Sanford Health - Fargo Region	56.4%	52.9%	55.4%	-3.5%	2.5%	-1.0%	Variable Decline
Northwest Family Physicians	53.9%	48.5%	51.5%	-5.4%	2.9%	-2.5%	Variable Decline
Sanford Health - Sioux Falls Region	46.4%	48.3%	45.7%	1.9%	-2.5%	-0.7%	Variable Decline
FirstLight Health System	47.6%	55.6%	45.4%	8.0%	-10.2%	-2.2%	Variable Decline
Olmsted Medical Center	52.5%	39.5%	42.6%	-13.0%	3.1%	-9.9%	Variable Decline
CentraCare Family Health Center	48.6%	43.8%	42.1%	-4.7%	-1.7%	-6.4%	Variable Decline
Ridgeview Clinics	43.0%	34.6%	41.1%	-8.3%	6.5%	-1.8%	Variable Decline
Integrity Health Network	60.5%	48.2%	54.4%	-12.3%	6.2%	-6.1%	Variable Decline
Williams Integracare Clinic	47.1%	34.7%	43.6%	-12.4%	8.9%	-3.5%	Variable Decline
United Family Medicine	45.8%	44.1%	37.9%	-1.8%	-6.1%	-7.9%	Variable Decline
Multicare Associates	38.5%	41.2%	34.6%	2.8%	-6.6%	-3.8%	Variable Decline
HealthEast Clinics	64.0%	59.3%	55.7%	-4.7%	-3.6%	-8.2%	Consistently Declined
HealthPartners Central Minnesota Clinics	61.9%	58.6%	49.0%	-3.4%	-9.5%	-12.9%	Consistently Declined

Table 35: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2012 to 2014

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Essentia Health - East Region	82.9%	90.2%	92.8%	7.2%	2.7%	9.9%	Consistently Improved
St. Luke's Clinics	80.5%	86.1%	89.6%	5.6%	3.5%	9.1%	Consistently Improved
Fairview Mesaba Clinics	76.5%	79.3%	82.0%	2.8%	2.8%	5.5%	Consistently Improved
NorthPoint Health And Wellness Center	94.8%	100.0%	100.0%	5.2%	0.0%	5.2%	Variable Improvement
United Family Medicine	92.6%	93.6%	100.0%	1.0%	6.4%	7.4%	Variable Improvement
Cedar Riverside People's Center	97.0%	97.4%	100.0%	0.5%	2.6%	3.0%	Variable Improvement
North Clinic	92.5%	81.3%	100.0%	-11.2%	18.8%	7.6%	Variable Improvement
All About Children Pediatrics - Children's Health Network	95.5%	100.0%	100.0%	4.6%	0.0%	4.6%	Variable Improvement
Family Practice Medical Center Of Willmar	90.0%	90.3%	98.4%	0.3%	8.1%	8.4%	Variable Improvement
North Memorial Clinic	96.0%	94.4%	97.7%	-1.6%	3.3%	1.7%	Variable Improvement
West Side Community Health Services	96.7%	95.1%	97.3%	-1.7%	2.2%	0.6%	Variable Improvement
Southdale Pediatric Associates Ltd	96.4%	94.3%	97.2%	-2.1%	2.9%	0.8%	Variable Improvement
Minute Clinic Diagnostic, P.A	96.3%	99.1%	97.2%	2.8%	-1.9%	0.9%	Variable Improvement
Mayo Clinic Health System - Faribault	96.1%	100.0%	96.9%	3.9%	-3.1%	0.8%	Variable Improvement
Grand Itasca Clinic	89.8%	67.8%	96.1%	-22.0%	28.3%	6.3%	Variable Improvement
University of Minnesota Physicians	94.8%	97.0%	95.8%	2.2%	-1.3%	0.9%	Variable Improvement
Buffalo Clinic - IHN	92.4%	95.7%	94.6%	3.3%	-1.1%	2.3%	Variable Improvement
Park Nicollet Clinic	90.8%	91.8%	94.6%	1.0%	2.8%	3.7%	Variable Improvement
Family Health Center	92.6%	90.7%	94.1%	-1.9%	3.4%	1.5%	Variable Improvement
Mayo Clinic	89.1%	93.9%	94.1%	4.8%	0.2%	5.0%	Variable Improvement
Fairview Medical Group	91.9%	94.4%	93.7%	2.6%	-0.8%	1.8%	Variable Improvement
Affiliated Community Medical Centers	90.4%	92.5%	93.1%	2.2%	0.6%	2.8%	Variable Improvement
Target Clinic	91.5%	98.9%	92.9%	7.5%	-6.1%	1.4%	Variable Improvement
Essentia Health - Central Region	88.1%	92.6%	92.4%	4.5%	-0.2%	4.2%	Variable Improvement
Winona Health	91.5%	96.4%	92.2%	4.9%	-4.2%	0.7%	Variable Improvement
Multicare Associates of the Twin Cities	86.4%	94.7%	91.9%	8.2%	-2.8%	5.4%	Variable Improvement
Pediatric And Young Adult Medicine - Children's Hlth Network	90.3%	97.2%	91.8%	6.9%	-5.4%	1.6%	Variable Improvement
Entira Family Clinics	88.0%	88.5%	91.4%	0.4%	2.9%	3.4%	Variable Improvement
Unity Family Healthcare - Avon	86.4%	89.5%	90.0%	3.1%	0.5%	3.6%	Variable Improvement
Mayo Clinic Health System- Owatonna	85.1%	88.6%	87.8%	3.5%	-0.8%	2.6%	Variable Improvement
Ridgeview Clinics	82.4%	82.0%	86.2%	-0.4%	4.2%	3.9%	Variable Improvement
Essentia Health - West Region	78.0%	77.4%	85.0%	-0.7%	7.6%	7.0%	Variable Improvement
Mankato Clinic	80.2%	79.6%	83.8%	-0.5%	4.2%	3.7%	Variable Improvement
Mayo Clinic Health System - New Prague	80.6%	74.5%	83.6%	-6.1%	9.1%	3.0%	Variable Improvement
United Hospital District Clinics	80.9%	74.6%	82.0%	-6.3%	7.4%	1.1%	Variable Improvement
Tri-County Health Care	78.3%	79.6%	81.7%	1.3%	2.1%	3.4%	Variable Improvement
Essentia Health St. Mary's	76.8%	73.4%	81.3%	-3.4%	7.9%	4.5%	Variable Improvement
Riverwood Aitkin Clinic	75.6%	80.3%	80.4%	4.7%	0.1%	4.8%	Variable Improvement
Riverview Clinics	78.8%	86.3%	79.0%	7.5%	-7.2%	0.2%	Variable Improvement

**Table 35: Appropriate Treatment for Children with URI –
Rate Changes for Reporting Years 2012 to 2014 (continued)**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Sanford Health - Sioux Falls Region	74.8%	77.6%	78.3%	2.9%	0.7%	3.5%	Variable Improvement
Cuyuna Regional Medical Center- Clinic Services	75.0%	80.6%	75.3%	5.6%	-5.3%	0.3%	Variable Improvement
Glenwood Medical Center	59.5%	60.0%	69.1%	0.5%	9.1%	9.5%	Variable Improvement
Wayzata Children's Clinic (Affiliated w/Children's Hlth Network)	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	Relatively Stable
Neighborhood Healthsource	97.6%	97.4%	98.6%	-0.1%	1.2%	1.0%	Relatively Stable
South Lake Pediatrics	96.1%	97.4%	98.1%	1.3%	0.7%	2.0%	Relatively Stable
Hennepin Faculty Associates & HCMC Clinics	96.5%	97.7%	97.6%	1.1%	-0.1%	1.0%	Relatively Stable
HealthPartners Clinics	97.6%	96.6%	96.1%	-1.0%	-0.6%	-1.6%	Relatively Stable
Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	96.3%	95.9%	95.7%	-0.4%	-0.2%	-0.6%	Relatively Stable
Allina Specialty Clinic	97.0%	97.2%	95.2%	0.2%	-2.0%	-1.8%	Relatively Stable
HealthEast	95.1%	94.1%	95.1%	-1.0%	0.9%	0.0%	Relatively Stable
Gateway Family Health Clinic	93.9%	95.9%	94.0%	2.0%	-1.9%	0.1%	Relatively Stable
Mille Lacs Clinics	89.1%	90.9%	91.9%	1.8%	1.0%	2.8%	Relatively Stable
Sanford Health - Fargo Region	89.0%	87.6%	89.1%	-1.4%	1.5%	0.2%	Relatively Stable
FirstLight Health System	100.0%	97.8%	98.6%	-2.2%	0.8%	-1.5%	Variable Decline
Express Healthcare	100.0%	100.0%	95.6%	0.0%	-4.4%	-4.4%	Variable Decline
Priority Pediatrics Urgent Care	95.9%	98.5%	95.5%	2.6%	-3.1%	-0.5%	Variable Decline
Central Pediatrics	98.4%	94.6%	95.5%	-3.8%	0.9%	-2.9%	Variable Decline
CentraCare Health	97.6%	94.5%	94.7%	-3.1%	0.2%	-2.9%	Variable Decline
Mayo Clinic Health System - Albert Lea	94.8%	90.6%	94.0%	-4.2%	3.5%	-0.8%	Variable Decline
Emergency Physicians	93.2%	95.2%	92.8%	2.0%	-2.4%	-0.4%	Variable Decline
Hutchinson Health	95.2%	92.1%	92.4%	-3.0%	0.3%	-2.8%	Variable Decline
CCMH-Montevideo Clinic	94.8%	96.5%	89.8%	1.7%	-6.7%	-5.0%	Variable Decline
Northwest Family Physicians	95.7%	83.7%	89.3%	-12.0%	5.6%	-6.4%	Variable Decline
Lakewood Health System	88.8%	81.9%	88.6%	-6.9%	6.6%	-0.3%	Variable Decline
Mayo Clinic Health System - Fairmont	89.4%	73.7%	86.3%	-15.7%	12.6%	-3.1%	Variable Decline
Lakeview Clinic, Ltd.	88.5%	85.1%	85.2%	-3.4%	0.1%	-3.3%	Variable Decline
Olmsted Medical Center	86.5%	83.8%	83.7%	-2.7%	-0.2%	-2.9%	Variable Decline
Mayo Clinic Health System - Austin	86.9%	88.1%	80.7%	1.2%	-7.5%	-6.3%	Variable Decline
Renville County Hospital And Clinics	87.5%	94.7%	77.4%	7.2%	-17.4%	-10.1%	Variable Decline
Glencoe Regional Health Services	78.0%	82.1%	76.9%	4.1%	-5.1%	-1.1%	Variable Decline
Mayo Clinic Health System- Lake City	97.8%	74.3%	76.6%	-23.5%	2.3%	-21.2%	Variable Decline
Apple Valley Medical Clinic	83.9%	86.8%	76.2%	2.9%	-10.6%	-7.7%	Variable Decline
Altru Health System	70.9%	65.9%	70.6%	-5.0%	4.8%	-0.2%	Variable Decline
Essentia Health - Fosston	66.7%	68.1%	65.2%	1.5%	-2.9%	-1.5%	Variable Decline
Stillwater Medical Group	96.7%	93.8%	91.2%	-3.0%	-2.6%	-5.6%	Consistently Declined
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	95.5%	92.9%	88.9%	-2.6%	-4.0%	-6.6%	Consistently Declined
Alexandria Clinic, PA.	91.3%	88.5%	59.1%	-2.8%	-29.3%	-32.2%	Consistently Declined

Table 36: Appropriate Testing for Children with Pharyngitis – Rate Changes for Reporting Years 2012 to 2014

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Tri-County Health Care*	60.9%	69.9%	80.7%	9.0%	10.8%	19.8%	Consistently Improved
Essentia Health - West Region	73.6%	75.8%	79.1%	2.2%	3.3%	5.5%	Consistently Improved
Fairview Mesaba Clinics	56.0%	65.2%	74.3%	9.2%	9.1%	18.3%	Consistently Improved
Apple Valley Medical Clinic	94.9%	94.0%	98.6%	-0.9%	4.6%	3.7%	Variable Improvement
Winona Health	90.1%	89.9%	96.0%	-0.2%	6.1%	5.9%	Variable Improvement
Emergency Physicians	91.9%	97.0%	93.8%	5.1%	-3.2%	1.9%	Variable Improvement
Family Health Center	84.6%	92.3%	93.6%	7.7%	1.2%	8.9%	Variable Improvement
Entira Family Clinics	80.7%	94.2%	92.2%	13.5%	-2.0%	11.5%	Variable Improvement
St. Luke's Clinics	88.2%	89.3%	91.9%	1.1%	2.6%	3.7%	Variable Improvement
Lakeview Clinic, Ltd.	89.0%	96.8%	91.1%	7.8%	-5.7%	2.1%	Variable Improvement
Mayo Clinic Health System - New Prague	80.8%	97.5%	89.7%	16.7%	-7.8%	9.0%	Variable Improvement
Mayo Clinic Health System- Owatonna	55.9%	89.5%	88.8%	33.6%	-0.6%	33.0%	Variable Improvement
Riverwood Aitkin Clinic	48.8%	49.2%	87.9%	0.4%	38.7%	39.1%	Variable Improvement
Glencoe Regional Health Services	81.4%	76.7%	84.6%	-4.7%	7.9%	3.3%	Variable Improvement
Essentia Health - Central Region	76.1%	74.2%	82.5%	-2.0%	8.3%	6.4%	Variable Improvement
Mayo Clinic	76.6%	76.2%	82.3%	-0.4%	6.1%	5.7%	Variable Improvement
Unity Family Healthcare - Avon	76.7%	80.7%	80.4%	4.0%	-0.2%	3.7%	Variable Improvement
Essentia Health - East Region	67.6%	75.4%	73.8%	7.8%	-1.6%	6.3%	Variable Improvement
Sanford Bagley	51.6%	61.5%	59.0%	9.9%	-2.6%	7.4%	Variable Improvement
Riverview Clinics	49.2%	22.2%	53.3%	-27.0%	31.1%	4.2%	Variable Improvement
Altru Health System	47.2%	40.3%	49.4%	-6.9%	9.2%	2.3%	Variable Improvement
Priority Pediatrics Urgent Care	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	Relatively Stable
Minute Clinic Diagnostic, PA	98.9%	99.6%	99.4%	0.7%	-0.3%	0.4%	Relatively Stable
Pediatric And Adolescent Services	98.4%	99.6%	99.3%	1.2%	-0.3%	0.9%	Relatively Stable
Multicare Associates of the Twin Cities	97.9%	98.9%	98.9%	0.9%	0.0%	1.0%	Relatively Stable
Pediatric And Young Adult Medicine - Children's Hlth Network	99.2%	99.0%	98.8%	-0.2%	-0.2%	-0.4%	Relatively Stable
Express Healthcare	100.0%	98.8%	98.7%	-1.2%	-0.1%	-1.3%	Relatively Stable
Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	99.2%	98.7%	96.7%	-0.4%	-2.0%	-2.4%	Relatively Stable
HealthPartners Clinics	95.1%	96.2%	96.5%	1.0%	0.3%	1.3%	Relatively Stable
South Lake Pediatrics	94.1%	94.2%	94.9%	0.0%	0.7%	0.7%	Relatively Stable
Park Nicollet Clinic	94.4%	93.9%	93.0%	-0.5%	-0.9%	-1.4%	Relatively Stable
Grand Itasca Clinic	90.5%	91.7%	91.3%	1.3%	-0.4%	0.9%	Relatively Stable
Olmsted Medical Center	87.4%	87.8%	86.5%	0.4%	-1.2%	-0.9%	Relatively Stable
Sanford Health - Sioux Falls Region	71.2%	71.8%	71.1%	0.6%	-0.7%	-0.1%	Relatively Stable
Target Clinic	97.7%	97.6%	95.1%	-0.1%	-2.5%	-2.6%	Variable Decline
FirstLight Health System	95.5%	95.5%	93.2%	0.0%	-2.2%	-2.2%	Variable Decline
Fairview Medical Group	94.9%	95.4%	92.8%	0.4%	-2.6%	-2.1%	Variable Decline
Buffalo Clinic - IHN	92.6%	86.0%	91.7%	-6.6%	5.7%	-0.9%	Variable Decline
Allina Specialty Clinic	95.7%	93.9%	90.3%	-1.9%	-3.6%	-5.4%	Variable Decline
Gateway Family Health Clinic	94.6%	96.1%	89.1%	1.4%	-7.0%	-5.5%	Variable Decline
Mayo Clinic Health System- Albert Lea	92.9%	94.6%	88.2%	1.7%	-6.4%	-4.7%	Variable Decline
University of Minnesota Physicians	91.8%	92.0%	87.3%	0.1%	-4.7%	-4.5%	Variable Decline
Mankato Clinic	90.7%	88.4%	86.8%	-2.4%	-1.5%	-3.9%	Variable Decline
7 Day Clinic	86.3%	90.5%	86.1%	4.2%	-4.4%	-0.2%	Variable Decline
North Memorial Clinic	87.9%	86.7%	82.3%	-1.2%	-4.4%	-5.6%	Variable Decline
Hutchinson Health	90.1%	93.4%	80.7%	3.3%	-12.7%	-9.4%	Variable Decline
Sanford Health - Fargo Region	79.3%	79.5%	77.3%	0.2%	-2.2%	-2.0%	Variable Decline
Affiliated Community Medical Centers	76.0%	79.9%	75.1%	3.9%	-4.8%	-0.9%	Variable Decline
Cuyuna Regional Medical Center- Clinic Services	73.7%	77.8%	61.7%	4.1%	-16.1%	-12.0%	Variable Decline
Essentia Health St. Mary's	69.5%	70.0%	57.8%	0.5%	-12.3%	-11.8%	Variable Decline
Mayo Clinic Health System - Fairmont	65.1%	53.1%	52.1%	-12.1%	-1.0%	-13.0%	Variable Decline
Family Practice Medical Center Of Willmar	100.0%	97.9%	92.1%	-2.1%	-5.8%	-7.9%	Consistently Declined
HealthEast	96.0%	93.0%	89.8%	-3.0%	-3.2%	-6.2%	Consistently Declined
CentraCare Health	91.5%	88.3%	83.0%	-3.2%	-5.3%	-8.5%	Consistently Declined
Lakewood Health System	93.4%	89.3%	80.0%	-4.1%	-9.3%	-13.4%	Consistently Declined
Alexandria Clinic, PA.	85.9%	83.5%	75.8%	-2.4%	-7.7%	-10.1%	Consistently Declined
Hennepin Faculty Associates & HMC Clinics*	83.1%	72.1%	62.1%	-11.0%	-10.0%	-21.0%	Consistently Declined
Essentia Health - Fosston*	78.1%	66.7%	51.3%	-11.4%	-15.4%	-26.8%	Consistently Declined

**Table 37: Childhood Immunization Status (Combo 3) –
Rate Changes for Reporting Years 2012 to 2014**

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Essentia Health - East Region	75.5%	78.3%	80.3%	2.8%	2.0%	4.8%	Consistently Improved
St. Luke's Clinics	49.8%	52.4%	66.8%	2.7%	14.3%	17.0%	Consistently Improved
Olmsted Medical Center	84.5%	83.1%	86.8%	-1.4%	3.7%	2.3%	Variable Improvement
Fairview Medical Group	80.0%	84.3%	84.3%	4.4%	0.0%	4.3%	Variable Improvement
Essentia Health - West Region	77.6%	74.6%	78.1%	-3.0%	3.5%	0.6%	Variable Improvement
Buffalo Clinic - IHN	64.9%	81.6%	73.0%	16.7%	-8.6%	8.1%	Variable Improvement
West Side Community Health Services	67.4%	85.2%	71.5%	17.8%	-13.8%	4.0%	Variable Improvement
Affiliated Community Medical Centers	88.8%	92.6%	84.6%	3.7%	-8.0%	-4.2%	Variable Decline
HealthPartners Clinics	83.6%	77.6%	82.7%	-6.0%	5.1%	-0.9%	Variable Decline
Mayo Clinic	85.2%	89.0%	82.1%	3.8%	-7.0%	-3.2%	Variable Decline
Sanford Health - Sioux Falls Region	80.4%	75.8%	77.4%	-4.6%	1.6%	-3.0%	Variable Decline
Mayo Clinic Health System - Owatonna	78.9%	87.5%	76.3%	8.6%	-11.2%	-2.6%	Variable Decline
CentraCare Health	80.7%	79.8%	74.0%	-0.9%	-5.8%	-6.7%	Variable Decline
Sanford Health - Fargo Region	82.7%	68.2%	73.4%	-14.5%	5.2%	-9.3%	Variable Decline
Allina Specialty Clinic	71.3%	76.6%	69.0%	5.3%	-7.6%	-2.3%	Variable Decline
University of Minnesota Physicians	70.0%	76.5%	68.5%	6.5%	-8.0%	-1.5%	Variable Decline
HealthEast	85.2%	77.4%	71.0%	-7.7%	-6.5%	-14.2%	Consistently Declined
Park Nicollet Clinic	77.6%	71.3%	67.9%	-6.3%	-3.4%	-9.7%	Consistently Declined

Table 38: Controlling High Blood Pressure – Rate Changes for Reporting Years 2012 to 2014

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Unity Family Healthcare - Avon	67.7%	76.8%	81.5%	9.1%	4.7%	13.8%	Consistently Improved
Altru Health System*	61.7%	69.1%	80.4%	7.4%	11.3%	18.7%	Consistently Improved
Essentia Health - West Region	65.4%	71.6%	75.7%	6.2%	4.2%	10.4%	Consistently Improved
St. Luke's Clinics	63.7%	67.7%	73.5%	4.1%	5.7%	9.8%	Consistently Improved
North Memorial Clinic	65.6%	67.8%	73.5%	2.2%	5.6%	7.8%	Consistently Improved
Grand Itasca Clinic	52.5%	54.8%	57.9%	2.3%	3.1%	5.4%	Consistently Improved
Northwest Family Physicians	65.2%	90.8%	88.3%	25.6%	-2.5%	23.1%	Variable Improvement
Entira Family Clinics	81.4%	87.8%	87.0%	6.4%	-0.9%	5.5%	Variable Improvement
Allina Specialty Clinic	78.1%	80.6%	80.9%	2.5%	0.3%	2.8%	Variable Improvement
Fairview Mesaba Clinics	77.1%	75.6%	79.3%	-1.5%	3.7%	2.2%	Variable Improvement
Park Nicollet Clinic	73.0%	71.0%	79.0%	-2.0%	8.0%	6.0%	Variable Improvement
Multicare Associates of the Twin Cities	76.8%	91.7%	78.7%	14.9%	-13.0%	1.9%	Variable Improvement
Mayo Clinic Health System - Fairmont	69.4%	78.4%	77.6%	9.0%	-0.8%	8.2%	Variable Improvement
Essentia Health - Central Region	70.4%	68.6%	77.2%	-1.8%	8.7%	6.9%	Variable Improvement
Ridgeview Clinics	76.5%	79.7%	76.9%	3.1%	-2.8%	0.4%	Variable Improvement
Olmsted Medical Center	74.8%	64.6%	76.2%	-10.2%	11.5%	1.4%	Variable Improvement
Alexandria Clinic, PA.	71.0%	63.7%	74.3%	-7.3%	10.6%	3.3%	Variable Improvement
Hutchinson Health	48.0%	48.5%	73.2%	0.5%	24.8%	25.3%	Variable Improvement
Mankato Clinic	67.6%	79.8%	72.4%	12.2%	-7.4%	4.8%	Variable Improvement
Cuyuna Regional Medical Center - Clinic Services	50.4%	78.8%	72.0%	28.3%	-6.8%	21.5%	Variable Improvement
United Family Medicine	64.9%	78.5%	67.3%	13.6%	-11.2%	2.3%	Variable Improvement
Lakewood Health System	65.0%	74.0%	65.7%	9.0%	-8.4%	0.6%	Variable Improvement
Hennepin Faculty Associates & HCMC Clinics	56.4%	62.3%	61.1%	5.8%	-1.1%	4.7%	Variable Improvement
St. Paul Family Medical Center	45.1%	59.6%	48.2%	14.5%	-11.3%	3.2%	Variable Improvement
Essentia Health - East Region	84.3%	76.4%	79.8%	-7.9%	3.4%	-4.5%	Variable Decline
Sanford Health - Fargo Region	82.8%	71.9%	75.8%	-10.9%	3.9%	-7.0%	Variable Decline
Fairview Medical Group	77.3%	74.8%	75.6%	-2.5%	0.9%	-1.7%	Variable Decline
Mayo Clinic Health System - Owatonna	83.9%	83.6%	74.8%	-0.3%	-8.8%	-9.0%	Variable Decline
Mayo Clinic Health System - Albert Lea	74.5%	80.8%	71.5%	6.2%	-9.3%	-3.1%	Variable Decline
HealthPartners Clinics	72.8%	70.1%	71.5%	-2.7%	1.3%	-1.3%	Variable Decline
CentraCare Health	70.6%	72.2%	70.0%	1.6%	-2.2%	-0.6%	Variable Decline
Winona Health	65.6%	61.8%	63.6%	-3.8%	1.8%	-2.0%	Variable Decline
Gateway Family Health Clinic	65.8%	73.3%	62.5%	7.4%	-10.8%	-3.3%	Variable Decline
University of Minnesota Physicians	65.8%	65.5%	60.0%	-0.3%	-5.5%	-5.9%	Variable Decline
Buffalo Clinic - IHN	60.7%	75.7%	58.0%	15.0%	-17.6%	-2.6%	Variable Decline
Tri-County Health Care	60.7%	66.3%	57.7%	5.5%	-8.6%	-3.1%	Variable Decline
NorthPoint Health And Wellness Center	57.9%	51.4%	55.8%	-6.5%	4.4%	-2.1%	Variable Decline
Open Cities Health Center	59.0%	55.2%	55.0%	-3.7%	-0.2%	-4.0%	Variable Decline
Mayo Clinic	75.2%	78.8%	52.1%	3.6%	-26.7%	-23.1%	Variable Decline
West Side Community Health Services	53.6%	60.3%	45.1%	6.7%	-15.2%	-8.5%	Variable Decline
Affiliated Community Medical Centers	85.6%	82.7%	70.4%	-2.9%	-12.2%	-15.2%	Consistently Declined
HealthEast	75.0%	69.7%	64.2%	-5.3%	-5.5%	-10.8%	Consistently Declined
North Clinic*	74.4%	68.8%	61.2%	-5.6%	-7.6%	-13.3%	Consistently Declined
Community University Health Care Center	70.8%	65.3%	59.9%	-5.6%	-5.4%	-11.0%	Consistently Declined
Sanford Health - Sioux Falls Region	69.4%	64.9%	55.3%	-4.4%	-9.7%	-14.1%	Consistently Declined

Table 39: Chlamydia Screening in Women – Rate Changes for Reporting Years 2012 to 2014

Medical Group Name	2012 MHCP Rate	2013 MHCP Rate	2014 MHCP Rate	Change (2013-2012)	Change (2014-2013)	Change (2014-2012)	Change Pattern (2012-2014)
Planned Parenthood Of Minnesota, North Dakota, South Dakota	55.2%	73.3%	78.2%	18.1%	4.9%	23.0%	Consistently Improved
United Family Medicine	65.8%	69.0%	74.1%	3.2%	5.1%	8.4%	Consistently Improved
West Side Community Health Services	66.4%	69.8%	72.0%	3.4%	2.2%	5.6%	Consistently Improved
Family Health Center	54.3%	59.5%	65.9%	5.2%	6.4%	11.6%	Consistently Improved
Altru Health System	35.2%	38.3%	42.7%	3.1%	4.4%	7.6%	Consistently Improved
Face To Face Health & Counseling	86.5%	83.5%	91.3%	-3.0%	7.9%	4.9%	Variable Improvement
Hennepin Faculty Associates & HCMC Clinics	79.5%	83.4%	80.8%	3.9%	-2.6%	1.3%	Variable Improvement
Premier OB/GYN of Minnesota	60.9%	71.8%	65.4%	10.9%	-6.4%	4.5%	Variable Improvement
Mayo Clinic Health System - Albert Lea	54.3%	61.7%	62.6%	7.4%	0.8%	8.3%	Variable Improvement
St. Luke's Clinics	53.4%	51.2%	59.2%	-2.2%	8.0%	5.8%	Variable Improvement
Affiliated Community Medical Centers	51.4%	56.7%	54.9%	5.2%	-1.7%	3.5%	Variable Improvement
Unity Family Healthcare - Avon	41.1%	57.4%	54.7%	16.3%	-2.7%	13.7%	Variable Improvement
Mayo Clinic	50.3%	55.3%	51.6%	5.0%	-3.7%	1.3%	Variable Improvement
Raiter Clinic, LTD - IHN	50.0%	57.5%	51.0%	7.5%	-6.5%	1.0%	Variable Improvement
Winona Health	38.8%	52.8%	44.6%	13.9%	-8.2%	5.7%	Variable Improvement
Essentia Health - Central Region	29.0%	45.7%	43.9%	16.7%	-1.8%	14.9%	Variable Improvement
Tri-County Health Care	32.3%	40.6%	39.7%	8.4%	-1.0%	7.4%	Variable Improvement
Essentia Health St. Mary's	28.4%	16.1%	37.9%	-12.2%	21.8%	9.5%	Variable Improvement
Sanford Health - Fargo Region	28.3%	43.2%	35.5%	14.9%	-7.7%	7.2%	Variable Improvement
Alexandria Clinic, PA.	28.2%	32.7%	32.9%	4.5%	0.2%	4.7%	Variable Improvement
Lakewood Health System	21.4%	34.5%	31.8%	13.1%	-2.8%	10.3%	Variable Improvement
Essentia Health - Fosston	12.5%	7.0%	16.7%	-5.5%	9.7%	4.2%	Variable Improvement
NorthPoint Health And Wellness Center	81.4%	80.8%	82.6%	-0.6%	1.8%	1.2%	Relatively Stable
Fairview Medical Group	65.8%	64.2%	63.6%	-1.6%	-0.6%	-2.2%	Relatively Stable
Allina Specialty Clinic	63.7%	63.5%	61.9%	-0.2%	-1.6%	-1.8%	Relatively Stable
HealthPartners Clinics	79.6%	75.4%	76.2%	-4.2%	0.8%	-3.4%	Variable Decline
University of Minnesota Physicians	69.1%	68.7%	66.0%	-0.4%	-2.7%	-3.1%	Variable Decline
HealthEast	73.8%	73.1%	64.1%	-0.6%	-9.1%	-9.7%	Variable Decline
Community University Health Care Center	64.7%	65.9%	63.6%	1.1%	-2.2%	-1.1%	Variable Decline
Cedar Riverside People's Center	67.9%	58.7%	63.3%	-9.2%	4.6%	-4.5%	Variable Decline
Open Cities Health Center	67.7%	63.2%	61.9%	-4.5%	-1.3%	-5.8%	Variable Decline
Park Nicollet Clinic	66.6%	65.2%	58.6%	-1.4%	-6.6%	-8.0%	Variable Decline
North Clinic	68.5%	53.9%	55.4%	-14.7%	1.5%	-13.1%	Variable Decline
Entira Family Clinics	66.3%	65.1%	55.3%	-1.2%	-9.9%	-11.0%	Variable Decline
Fairview Mesaba Clinics	62.9%	41.3%	54.3%	-21.6%	13.0%	-8.6%	Variable Decline
Multicare Associates of the Twin Cities	53.3%	49.5%	51.1%	-3.8%	1.6%	-2.2%	Variable Decline
Mayo Clinic Health System - Owatonna	52.8%	56.0%	49.5%	3.3%	-6.5%	-3.2%	Variable Decline
Essentia Health - East Region	54.8%	49.4%	48.9%	-5.4%	-0.5%	-5.9%	Variable Decline
Mankato Clinic	50.6%	59.6%	48.7%	9.0%	-11.0%	-1.9%	Variable Decline
Lakeview Clinic, Ltd.	50.8%	56.4%	47.5%	5.6%	-8.9%	-3.3%	Variable Decline
Northwest Family Physicians	60.0%	75.0%	46.8%	15.0%	-28.2%	-13.2%	Variable Decline
Grand Itasca Clinic	52.4%	51.1%	45.0%	-1.3%	-6.1%	-7.5%	Variable Decline
Riverwood Aitkin Clinic	52.7%	53.6%	41.2%	0.8%	-12.4%	-11.6%	Variable Decline
Family Practice Medical Center Of Willmar	54.2%	64.4%	40.0%	10.3%	-24.4%	-14.2%	Variable Decline
Mayo Clinic Health System - Fairmont	56.7%	57.5%	40.0%	0.8%	-17.5%	-16.7%	Variable Decline
Stillwater Medical Group	45.1%	61.5%	39.6%	16.5%	-21.9%	-5.5%	Variable Decline
Gateway Family Health Clinic	47.1%	47.0%	39.5%	-0.2%	-7.4%	-7.6%	Variable Decline
Essentia Health - West Region	36.1%	36.4%	18.4%	0.3%	-18.0%	-17.7%	Variable Decline
Neighborhood Healthsource	81.7%	71.2%	61.4%	-10.5%	-9.8%	-20.3%	Consistently Declined
Buffalo Clinic - IHN	61.1%	56.4%	54.3%	-4.8%	-2.1%	-6.8%	Consistently Declined
CentraCare Health	59.9%	57.1%	50.0%	-2.8%	-7.1%	-9.9%	Consistently Declined
North Memorial Clinic*	65.9%	59.5%	49.5%	-6.4%	-9.9%	-16.3%	Consistently Declined
Hutchinson Health	41.3%	30.9%	28.8%	-10.5%	-2.1%	-12.5%	Consistently Declined
Sanford Health - Sioux Falls Region	47.9%	35.5%	28.2%	-12.4%	-7.3%	-19.7%	Consistently Declined
Glencoe Regional Health Services	56.8%	33.3%	27.8%	-23.5%	-5.6%	-29.0%	Consistently Declined
Cuyuna Regional Medical Center - Clinic Services	44.4%	33.3%	27.3%	-11.1%	-6.1%	-17.2%	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 Vascular Care; Optimal Asthma Care – Children Ages 5-17; Optimal Diabetes Care; Optimal Asthma Care – Adults Ages 18-50; Colorectal Cancer Screening; and Depression Remission at Six Months). For these measures, a clinic was included in the analysis if each purchaser category had at least 30 patients. The t-test was used to determine if gaps found between purchasers at the clinic level were statistically significant. The p-value of less than 0.05 included in this report is unadjusted for multiple test differences.

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

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 14 percentage points and is statistically significant. This means that the Breast Cancer Screening statewide rate for MHCP patients (63 percent) was significantly lower than that of Other Purchasers (77 percent).

Sixty-one of the medical groups had rates for MHCP patients that were lower than Other Purchasers; 45 of these medical groups had statistically significant gaps between purchasers within the medical group. (See Table 40, Column 5). Two medical groups 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, six medical groups had a gap significantly larger than the statewide gap, and seven medical groups had a rate significantly smaller than the statewide gap. Two of those seven medical groups had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

One medical group (**Neighborhood Healthsource**) 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 40: 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	62.7%	77.0%	14.3%	Y	
Affiliated Community Medical Centers	66.1%	85.5%	19.4%	Y	.
Alexandria Clinic, PA.	72.6%	86.8%	14.2%	Y	.
Allina Specialty Clinic	73.2%	86.5%	13.3%	Y	.
Altru Health System	62.8%	83.1%	20.3%	Y	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	60.8%	83.2%	22.4%	Y	.
Buffalo Clinic - IHN	71.2%	79.9%	8.7%	Y	.
CentraCare Health	72.1%	87.2%	15.0%	Y	.
Community University Health Care Center	70.2%	72.3%	2.1%	.	<
Cuyuna Regional Medical Center - Clinic Services	66.7%	81.1%	14.4%	Y	.
Entira Family Clinics	47.0%	72.2%	25.2%	Y	>
Essentia Health - Central Region	72.4%	83.5%	11.1%	Y	.
Essentia Health - East Region	68.9%	84.9%	16.0%	Y	.
Essentia Health - Fosston	47.4%	73.4%	26.0%	Y	.
Essentia Health - West Region	67.8%	82.4%	14.6%	Y	.
Essentia Health St. Mary's	62.8%	83.5%	20.8%	Y	.
Fairview Medical Group	72.3%	83.3%	11.0%	Y	<
Fairview Mesaba Clinics	69.5%	78.3%	8.8%	.	.
Family Health Center	55.3%	77.7%	22.4%	Y	.
Family Practice Medical Center Of Willmar	72.2%	87.9%	15.7%	Y	.
FirstLight Health System	67.1%	74.8%	7.6%	.	.
Gateway Family Health Clinic	41.5%	75.7%	34.2%	Y	>
Grand Itasca Clinic	71.2%	81.4%	10.2%	Y	.
Gundersen Health System	73.8%	85.3%	11.5%	Y	.
HealthEast	69.0%	79.2%	10.2%	Y	.
HealthPartners Clinics	79.6%	90.7%	11.1%	Y	<
Hennepin Faculty Associates & HCMC Clinics	70.3%	77.9%	7.6%	Y	<
Hutchinson Health	58.7%	77.5%	18.8%	Y	.
Lake Region Medical Group PA	64.1%	84.8%	20.8%	Y	.
Lakeview Clinic, Ltd.	65.6%	78.9%	13.2%	.	.
Lakewood Health System	68.8%	77.3%	8.4%	.	.
Mankato Clinic	69.3%	84.1%	14.8%	Y	.
Mayo Clinic	78.1%	89.2%	11.2%	Y	.

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

Table 40: 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	62.7%	77.0%	14.3%	Y	
Mayo Clinic Health System - Albert Lea	72.9%	77.8%	4.9%	.	<
Mayo Clinic Health System - Fairmont	74.2%	85.2%	11.0%	Y	.
Mayo Clinic Health System - Mankato	71.2%	86.2%	15.1%	Y	.
Mayo Clinic Health System - Owatonna	80.4%	86.8%	6.4%	.	.
Mayo Clinic Health System - Red Wing	73.9%	86.2%	12.3%	Y	.
Mille Lacs Clinics	58.7%	76.4%	17.7%	Y	.
Multicare Associates of the Twin Cities	71.4%	78.9%	7.5%	.	.
Neighborhood Healthsource	69.4%	62.9%	-6.5%	.	<
North Clinic	49.5%	78.9%	29.4%	Y	>
North Memorial Clinic	64.7%	74.3%	9.7%	Y	.
NorthPoint Health And Wellness Center	63.3%	87.0%	23.6%	Y	.
Northwest Family Physicians	63.8%	74.8%	11.0%	.	.
Olmsted Medical Center	67.5%	85.0%	17.5%	Y	.
Open Cities Health Center	58.0%	51.2%	-6.8%	.	<
Park Nicollet Clinic	65.6%	84.7%	19.2%	Y	>
Raiter Clinic, Ltd. - IHN	60.0%	71.9%	11.9%	Y	.
Ridgeview Clinics	55.0%	75.0%	20.0%	Y	.
Riverwood Aitkin Clinic	78.2%	86.2%	8.1%	.	.
Sanford Bagley	68.4%	86.2%	17.8%	Y	.
Sanford Health - Sioux Falls Region	70.4%	84.8%	14.4%	Y	.
Sanford Health Fargo	69.2%	83.3%	14.1%	Y	.
Scenic Rivers Health Services	63.4%	71.5%	8.1%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	49.5%	79.5%	30.0%	Y	>
St. Luke's Clinics	61.5%	78.7%	17.3%	Y	.
Stillwater Medical Group	67.4%	75.9%	8.5%	.	.
Tri-County Health Care	70.0%	77.8%	7.8%	.	.
United Family Medicine	61.5%	67.6%	6.1%	.	.
Unity Family Healthcare - Avon	70.5%	80.2%	9.7%	.	.
University of Minnesota Physicians	56.2%	78.3%	22.1%	Y	>
West Side Community Health Services	52.3%	56.1%	3.8%	.	.
Winona Health	67.6%	80.7%	13.1%	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

Please see the next page.

Optimal Vascular Care

One 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 10 percentage points and is statistically significant. This means that the Optimal Vascular Care statewide rate for MHCP patients (43 percent) was significantly lower than that of Other Purchasers (53 percent).

Eighty-seven of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 22 had significant gaps between purchasers. (See Table 41, Column 5) This means 22 clinics had significantly lower performance rates compared to Other Purchasers. Of the 111 clinics, 24 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). One of the 24 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; nine clinics had a significantly smaller purchaser gap than the statewide gap. Of those nine clinics, seven had a MHCP rate that was higher than their Other Purchasers rate. (See Column 6)

The **two 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 41 summarizes these findings.

- **Fairview Chisago Lakes Clinic**
- **Wadena Medical Center**

Table 41: 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	42.7%	53.1%	10.4%	Y	
Affiliated Community Medical Centers - Willmar Clinic	49.2%	53.2%	4.0%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	34.1%	50.9%	16.8%	Y	.
Allina Health - Bandana Square (Aspen)	57.6%	60.2%	2.6%	.	.
Allina Health - Buffalo	63.9%	61.5%	-2.4%	.	.
Allina Health - Cambridge	50.6%	50.9%	0.3%	.	.
Allina Health - Coon Rapids	46.8%	55.9%	9.1%	Y	.
Allina Health - Cottage Grove	50.0%	48.0%	-2.1%	.	.
Allina Health - Faribault	61.3%	51.6%	-9.7%	.	<
Allina Health - Forest Lake	26.5%	49.4%	22.9%	Y	.
Allina Health - Nicollet Mall	47.6%	51.3%	3.7%	.	.
Allina Health - Northfield	50.0%	59.6%	9.6%	.	.
Allina Health - Plymouth	56.3%	56.3%	0.1%	.	.
Allina Health - Richfield	48.7%	61.6%	12.9%	.	.
Allina Health - Shakopee	63.3%	55.3%	-8.0%	.	.
Allina Health - West St. Paul	52.4%	57.1%	4.8%	.	.
Allina Health Specialties - ANW General Medicine Associates - Edina	55.1%	53.6%	-1.6%	.	.
Allina Hlth Specialties - Metropolitan Heart & Vascular Inst Buffalo	43.5%	33.6%	-9.9%	.	<
Allina Hlth Specialties - Metropolitan Heart & Vascular Inst. Coon Rapids	41.9%	43.7%	1.8%	.	<
Allina Hlth Specialties - Metropolitan Heart & Vascular Inst. Fridley	24.8%	37.1%	12.3%	Y	.
Allina Health Specialties - Minneapolis Heart Institute - Baxter	30.0%	22.9%	-7.1%	.	<
Allina Health Specialties - Minneapolis Heart Institute ANW	42.2%	50.7%	8.4%	Y	.
Allina Health Specialties - Minneapolis Heart Institute Plymouth	56.7%	54.0%	-2.7%	.	.
Allina Health Specialties - Minneapolis Heart Institute Shakopee	43.9%	49.3%	5.4%	.	.
Allina Health Specialties - New Ulm Medical Center	32.5%	52.8%	20.3%	Y	.
Allina Health Specialties - United Heart and Vascular Clinic	31.5%	41.0%	9.5%	Y	.
CentraCare - Northway	41.5%	54.4%	12.9%	.	.
CentraCare Family Health Center	15.6%	44.1%	28.5%	Y	.
CentraCare River Campus - CentraCare Heart & Vascular Center	33.3%	30.9%	-2.4%	.	<
CentraCare River Campus - Internal Medicine	41.2%	51.7%	10.6%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	47.1%	48.7%	1.6%	.	.
Edina Family Physicians, P.A.	37.8%	32.1%	-5.7%	.	<
Entira Family Clinics - East Side	58.3%	63.3%	4.9%	.	.
Entira Family Clinics - Highland	64.7%	62.3%	-2.4%	.	.
Entira Family Clinics - Inver Grove Heights	64.5%	63.8%	-0.7%	.	.
Entira Family Clinics - Maplewood/Battle Creek	66.7%	69.0%	2.4%	.	.
Entira Family Clinics - North St. Paul	48.7%	59.1%	10.4%	.	.
Entira Family Clinics - Shoreview	71.0%	65.7%	-5.3%	.	.
Entira Family Clinics - West St. Paul	60.7%	64.9%	4.2%	.	.
Entira Family Clinics - White Bear Lake/Banning Ave	72.0%	71.2%	-0.9%	.	.
Essentia Health - Duluth Clinic 1st St	44.9%	54.3%	9.4%	.	.
Essentia Health - Duluth Clinic Main	25.3%	31.3%	6.0%	.	.
Essentia Health - Hibbing Clinic	39.6%	50.4%	10.8%	.	.
Essentia Health - Park Rapids	39.5%	47.1%	7.6%	.	.
Essentia Health - Virginia Clinic	38.5%	45.2%	6.7%	.	.
Essentia Health - West Duluth Clinic	50.0%	55.6%	5.6%	.	.
Essentia Health Fosston	40.6%	57.5%	16.8%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	46.6%	52.4%	5.8%	.	.
Essentia Health St. Joseph's Baxter Clinic	50.9%	53.3%	2.4%	.	.
Fairview Andover Clinic	58.5%	74.1%	15.6%	.	.
Fairview Blaine Clinic	50.0%	57.9%	7.9%	.	.
Fairview Brooklyn Park Clinic	44.0%	53.4%	9.4%	.	.
Fairview Cedar Ridge Clinic	58.6%	63.9%	5.3%	.	.
Fairview Chisago Lakes Clinic	74.4%	61.3%	-13.0%	.	>
Fairview Columbia Heights Clinic	47.2%	54.8%	7.6%	.	.
Fairview Crosstown Clinic	50.0%	62.5%	12.5%	.	.
Fairview Eagan Clinic	62.9%	61.0%	-2.0%	.	<

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 41: 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	42.7%	53.1%	10.4%	Y	
Fairview EdenCenter Clinic	55.9%	66.8%	11.0%	.	.
Fairview Elk River Clinic	46.2%	51.6%	5.4%	.	.
Fairview Fridley Clinic	58.3%	62.5%	4.2%	.	.
Fairview Lakes Medical Center	51.1%	56.7%	5.5%	.	.
Fairview North Branch Clinic	63.4%	54.6%	-8.8%	.	<
Fairview Northeast Clinic	43.5%	60.0%	16.5%	Y	.
Fairview Oxboro Clinic	49.4%	55.6%	6.1%	.	.
Fairview Princeton Clinic	55.5%	56.6%	1.2%	.	.
Fairview Ridges Clinic	52.3%	63.1%	10.8%	.	.
Fairview RidgeValley Clinic	55.0%	72.1%	17.1%	Y	.
Gateway Family Health Clinic - Moose Lake	36.7%	50.8%	14.2%	.	.
Grand Itasca Clinic	30.0%	44.4%	14.4%	Y	.
HealthEast Heart Care - St. Joseph's Hospital	13.3%	20.4%	7.1%	.	.
HealthEast Oakdale	41.9%	43.8%	1.9%	.	.
HealthEast Rice Street Clinic	53.3%	51.5%	-1.8%	.	.
HealthPartners - Adult & Seniors Health	43.7%	53.7%	10.0%	.	.
HealthPartners - Brooklyn Center	46.0%	57.3%	11.4%	.	.
HealthPartners - Regions Specialty Ctr	50.6%	68.0%	17.4%	Y	.
HealthPartners - Riverside	51.3%	71.6%	20.4%	Y	.
HealthPartners Central Minnesota Clinics	26.7%	54.7%	28.1%	Y	.
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	21.1%	33.7%	12.7%	Y	.
Mankato Clinic - Main Street	60.2%	59.9%	-0.4%	.	.
Mankato Clinic - Wickersham Campus	61.1%	64.2%	3.1%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	32.6%	57.6%	25.0%	Y	.
Mayo Clinic - Speciality Practice	52.9%	55.5%	2.6%	.	<
Mayo Clinic Health System Albert Lea	42.9%	57.9%	15.0%	Y	.
Mayo Clinic Health System Austin	26.8%	46.8%	20.1%	Y	.
Mayo Clinic Health System Fairmont	53.1%	52.9%	-0.1%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	49.6%	53.8%	4.2%	.	.
Mayo Clinic Health System Owatonna	46.2%	57.1%	11.0%	.	.
Mayo Clinic Health System Red Wing	40.5%	57.2%	16.7%	.	.
Multicare Associates - Fridley Medical Center	48.9%	56.7%	7.8%	.	.
North Memorial Heart & Vascular Institute	43.3%	47.2%	3.9%	.	.
Olmsted Medical Center - Rochester Southeast	28.6%	48.5%	19.9%	Y	.
Open Cities Health (Dunlap) - Family Medicine	13.5%	17.3%	3.9%	.	.
Park Nicollet Clinic - Brookdale	53.2%	55.9%	2.7%	.	.
Park Nicollet Clinic - Burnsville	47.6%	63.8%	16.2%	Y	.
Park Nicollet Clinic - Shakopee	52.8%	66.0%	13.2%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	53.9%	66.4%	12.5%	.	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	55.9%	68.3%	12.4%	.	.
Sanford Detroit Lakes Clinic	45.8%	57.4%	11.6%	.	.
Sanford Thief River Falls Clinic	53.5%	51.9%	-1.6%	.	.
St Luke's Clinics - Cardiology Associates	47.9%	48.9%	1.0%	.	.
St Luke's Clinics - Internal Medicine Associates	53.3%	54.0%	0.6%	.	.
St. Cloud Medical Group - NW - IHN	51.1%	59.3%	8.3%	.	.
St. Cloud Medical Group - South - IHN	43.8%	51.5%	7.8%	.	.
St. Mary's Innovis Health Clinic - Detroit Lakes	48.4%	57.7%	9.3%	.	.
Stillwater Medical Group - Curve Crest Clinic	64.9%	58.9%	-6.0%	.	.
United Family Medicine	32.8%	39.8%	7.0%	.	.
United Hospital District Clinic	39.0%	60.0%	21.0%	Y	.
University of Minnesota Physicians Heart - Edina Clinic	40.6%	54.9%	14.3%	Y	.
University of Minnesota Physicians Heart - Minneapolis Clinic	37.7%	44.2%	6.6%	.	.
University of Minnesota Physicians Heart- Burnsville Clinic	56.7%	55.9%	-0.8%	.	.
Wadena Medical Center	47.1%	29.5%	-17.6%	Y	>
Winona Health - Winona Clinic	42.7%	49.0%	6.3%	.	.

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

Please see the next page.

Optimal Asthma Care – Children Ages 5-17

Seventy-nine clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 11 percentage points and is statistically significant. This means that the Optimal Asthma Care statewide rate for MHCP children ages 5-17 (50 percent) was significantly lower than that of Other Purchasers (61 percent).

Sixty-three of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 15 had significant gaps between purchasers. (See Table 42, Column 5) That means 15 clinics had significantly lower performance rates compared to Other Purchasers. Of those 79 clinics, 15 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 79 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 seven clinics had a significantly smaller purchaser gap than the statewide gap. Of those seven clinics, four had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **four 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 42 summarizes these findings.

- **Affiliated Community Medical Centers - Marshall Clinic**
- **Allina Health - Bandana Square (Aspen)**
- **Allina Health - Cambridge**
- **Mayo Clinic Health System Owatonna**

Table 42: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Care – 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	49.6%	60.7%	11.2%	Y	
Affiliated Community Medical Centers - Willmar Clinic	59.0%	56.6%	-2.4%	.	.
Affiliated Community Medical Centers - Marshall Clinic	61.3%	54.9%	-6.4%	.	<
Alexandria Clinic, A Service of Douglas County Hospital	0.0%	5.9%	5.9%	.	.
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	74.4%	78.4%	4.0%	.	.
Allergy, Asthma & Immunology - Shoreview	42.1%	48.2%	6.1%	.	.
Allergy, Asthma & Pulmonary Associates, PA	54.8%	53.8%	-1.1%	.	.
Allina Health - Bandana Square (Aspen)	79.6%	73.9%	-5.8%	.	<
Allina Health - Bloomington (Aspen)	62.8%	62.7%	-0.1%	.	.
Allina Health - Buffalo	56.9%	66.2%	9.3%	.	.
Allina Health - Cambridge	75.9%	67.1%	-8.8%	.	<
Allina Health - Coon Rapids	65.7%	80.1%	14.4%	Y	.
Allina Health - Faribault	47.5%	62.0%	14.5%	.	.
Allina Health - Nininger Road	60.6%	61.8%	1.2%	.	.
Allina Health Specialties - New Ulm Medical Center	51.4%	53.1%	1.7%	.	.
Altru Health System - Main	0.0%	0.0%	0.0%	.	<
Avera Medical Group - Worthington	6.5%	7.6%	1.0%	.	.
CentraCare Health Plaza- Pediatrics	74.2%	79.3%	5.1%	.	.
Children's General Pediatric Clinic - Minneapolis	55.4%	57.1%	1.7%	.	<
Children's General Pediatric Clinic - St. Paul	50.6%	51.1%	0.5%	.	<
Children's Respiratory & Critical Care Specialists - Minneapolis	61.0%	78.2%	17.2%	Y	.
Children's Respiratory & Critical Care Specialists - Minnetonka	62.1%	76.2%	14.1%	Y	.
Children's Respiratory & Critical Care Specialists - St. Paul	59.0%	74.1%	15.2%	Y	.
Essentia Health - Duluth Clinic 1st St	65.5%	71.7%	6.2%	.	.
Essentia Health - South University	65.8%	71.6%	5.8%	.	.
Essentia Health St. Joseph's Baxter Clinic	54.6%	62.8%	8.3%	.	.
Fairview Brooklyn Park Clinic	39.1%	47.7%	8.6%	.	.
Fairview Children's Clinic	72.2%	75.6%	3.5%	.	.
Fairview Columbia Heights Clinic	54.8%	51.4%	-3.5%	.	.
Fairview Elk River Clinic	76.1%	78.4%	2.3%	.	.
Fairview Fridley Clinic	51.1%	60.9%	9.8%	.	.
Fairview Lakes Medical Center	74.5%	83.1%	8.6%	.	.
Fairview Lino Lakes Clinic	80.6%	76.7%	-3.9%	.	.
Fairview Oxboro Clinic	60.0%	66.0%	6.0%	.	.
Fairview Princeton Clinic	43.2%	53.3%	10.1%	.	.
Fairview Ridges Clinic	68.6%	69.4%	0.8%	.	.
Grand Itasca Clinic	20.3%	34.4%	14.1%	Y	.
HealthEast Maplewood Clinic	46.2%	50.4%	4.2%	.	.
HealthEast Woodbury Clinic	35.9%	42.1%	6.3%	.	.
HealthPartners - Anoka	86.0%	85.6%	-0.3%	.	.
HealthPartners - Apple Valley	66.7%	73.0%	6.3%	.	.

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 42: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Care – 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	49.6%	60.7%	11.2%	Y	
HealthPartners - Bloomington	48.1%	58.5%	10.4%	.	.
HealthPartners - Brooklyn Center	62.4%	66.1%	3.7%	.	.
HealthPartners - Como	52.3%	53.4%	1.2%	.	.
HealthPartners - Coon Rapids	69.2%	69.5%	0.3%	.	.
HealthPartners - Inver Grove Heights	74.2%	69.8%	-4.4%	.	.
HealthPartners - Maplewood	51.8%	62.5%	10.7%	.	.
HealthPartners - Midway	48.5%	73.8%	25.3%	Y	.
HealthPartners - Riverside	56.7%	61.5%	4.9%	.	.
HealthPartners - Specialty Center 401	45.2%	72.2%	26.9%	Y	.
HealthPartners - St Paul	48.6%	57.8%	9.2%	.	.
HealthPartners - White Bear Lake	85.7%	67.1%	-18.6%	Y	>
HealthPartners - Woodbury	39.5%	57.5%	18.0%	Y	.
HealthPartners Central Minnesota Clinics	68.1%	80.8%	12.7%	.	.
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Pediatric Cl.	61.3%	63.2%	1.9%	.	.
Mankato Clinic - Main Street	50.8%	54.6%	3.8%	.	.
Mayo Clinic - Baldwin Building, Pediatrics	62.7%	77.4%	14.7%	Y	.
Mayo Clinic - Speciality Practice	38.9%	52.2%	13.3%	.	.
Mayo Clinic Health System Albert Lea	57.0%	64.8%	7.8%	.	.
Mayo Clinic Health System Austin	67.3%	62.3%	-4.9%	.	.
Mayo Clinic Health System Faribault Hwy 60	70.2%	82.9%	12.7%	.	.
Mayo Clinic Health System Owatonna	63.6%	56.6%	-7.0%	.	<
Mayo Clinic Health System Red Wing	42.3%	54.4%	12.1%	.	.
Olmsted Medical Center - Rochester Southeast	62.0%	85.7%	23.7%	Y	.
Park Nicollet Clinic - Bloomington	80.0%	75.9%	-4.1%	.	.
Park Nicollet Clinic - Brookdale	54.0%	70.4%	16.4%	Y	.
Park Nicollet Clinic - Burnsville	49.5%	71.0%	21.5%	Y	.
Park Nicollet Clinic - Chanhasen	40.0%	44.0%	4.0%	.	.
Park Nicollet Clinic - Eagan	78.1%	82.8%	4.6%	.	.
Park Nicollet Clinic - Minneapolis	50.3%	66.7%	16.3%	Y	.
Park Nicollet Clinic - Shakopee	63.8%	73.2%	9.4%	.	.
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	73.2%	80.0%	6.8%	.	.
Pediatric and Young Adult Medicine, PA - St. Paul	44.7%	43.1%	-1.6%	.	.
Sanford Children's Clinic 26th & Sycamore	27.8%	40.4%	12.6%	.	.
Sanford Children's Clinic 69th & Louise	31.0%	38.5%	7.6%	.	.
Sanford Children's Clinic MB2	20.9%	34.2%	13.3%	Y	.
Sanford Children's Southwest Clinic	35.9%	56.4%	20.5%	Y	.
Sanford Children's Specialty Clinic	36.5%	48.7%	12.2%	.	.
Sanford Southpointe Clinic	25.0%	39.8%	14.8%	.	.
Stillwater Medical Group - Curve Crest Clinic	68.5%	71.4%	2.9%	.	.

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 Diabetes Care

Three hundred and twelve 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 10 percentage points and is statistically significant. This means the Optimal Diabetes Care statewide rate for MHCP patients (32 percent) was significantly lower than that of Other Purchasers (42 percent).

Of those 312 clinics, 267 had rates for MHCP patients that were lower than Other Purchasers; and of those clinics, 80 had significant gaps between purchasers. (See Table 43, Column 5) This means that 80 clinics had significantly lower performance rates compared to Other Purchasers. Of the 312 clinics, 44 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 312 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. Five clinics had a significantly larger purchaser gap than the statewide gap; 32 clinics had a significantly smaller purchaser gap than the statewide gap. And of those 32 clinics, 25 had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **21 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.

- **Albany Medical Center**
- **Allina Health - Inver Grove Heights (Aspen)**
- **Allina Health - Shakopee**
- **Allina Health - Woodbury**
- **Allina Health Specialties - New Ulm Medical Center**
- **CentraCare River Campus - Internal Medicine**
- **Chippewa County Montevideo Hospital & Medical Clinic**
- **Entira Family Clinics - Como/Roseville**
- **Entira Family Clinics - Inver Grove Heights**
- **Entira Family Clinics - Maplewood/Battle Creek**
- **Entira Family Clinics - West St. Paul**
- **Essentia Health - Hibbing Clinic**
- **Fairview Hiawatha Clinic**
- **Fairview Milaca Clinic**
- **Family Practice Medical Center of Willmar**
- **HealthPartners - Ctr for Internatl Hlth**
- **Ridgeview Westonka Clinic**
- **Sanford Detroit Lakes Clinic**
- **Sanford South Moorhead Family Medicine**
- **Sanford Thief River Falls Clinic**
- **St. Cloud Medical Group - South - IHN**

Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Diabetes Care

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	32.1%	42.2%	10.1%	Y	
Affiliated Community Medical Centers - Benson Clinic	25.7%	36.3%	10.6%	.	.
Affiliated Community Medical Centers - Granite Falls Clinic	35.7%	47.7%	12.0%	.	.
Affiliated Community Medical Centers - Litchfield Clinic (East)	44.8%	55.2%	10.5%	.	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	34.2%	42.5%	8.4%	.	.
Affiliated Community Medical Centers - New London Clinic	31.7%	46.1%	14.4%	.	.
Affiliated Community Medical Centers - Redwood Falls Clinic	36.3%	41.6%	5.3%	.	.
Affiliated Community Medical Centers - Willmar Clinic	39.6%	46.0%	6.4%	Y	.
Affiliated Community Medical Centers - Marshall Clinic	44.7%	48.3%	3.6%	.	.
Albany Medical Center	40.6%	34.5%	-6.1%	.	<
Alexandria Clinic, A Service of Douglas County Hospital	27.2%	34.5%	7.4%	.	.
Allina Health - Annandale	36.7%	43.6%	6.9%	.	.
Allina Health - Bandana Square (Aspen)	40.0%	48.9%	8.9%	Y	.
Allina Health - Blaine	40.3%	47.5%	7.2%	.	.
Allina Health - Bloomington (Aspen)	24.4%	39.7%	15.3%	Y	.
Allina Health - Brooklyn Park	44.4%	58.2%	13.8%	.	.
Allina Health - Buffalo	46.2%	49.9%	3.7%	.	.
Allina Health - Burnsville (Quello)	40.2%	51.2%	11.0%	.	.
Allina Health - Cambridge	37.8%	45.5%	7.7%	Y	.
Allina Health - Centennial Lakes (Quello)	43.0%	54.3%	11.3%	Y	.
Allina Health - Champlin	45.7%	48.4%	2.8%	.	.
Allina Health - Chanhassen (Quello)	46.9%	47.7%	0.8%	.	.
Allina Health - Chaska	49.0%	58.2%	9.2%	.	.
Allina Health - Coon Rapids	39.0%	48.7%	9.7%	Y	.
Allina Health - Cottage Grove	46.2%	51.0%	4.7%	.	.
Allina Health - Dean Lakes	34.9%	48.4%	13.6%	.	.
Allina Health - Egan	39.1%	48.9%	9.9%	.	.
Allina Health - East Lake Street (Aspen)	31.4%	39.3%	7.9%	.	.
Allina Health - Edina	30.5%	39.6%	9.1%	.	.
Allina Health - Elk River	39.1%	49.5%	10.4%	.	.
Allina Health - Faribault	30.7%	45.4%	14.7%	Y	.
Allina Health - Farmington	36.6%	44.3%	7.8%	.	.
Allina Health - First Street	32.2%	51.0%	18.8%	Y	.
Allina Health - Forest Lake	38.8%	50.5%	11.6%	Y	.
Allina Health - Highland Park (Aspen)	43.3%	59.0%	15.7%	.	.
Allina Health - Hopkins (Aspen)	48.4%	55.5%	7.1%	.	.
Allina Health - Inver Grove Heights (Aspen)	46.2%	39.8%	-6.4%	.	<
Allina Health - Isles	51.5%	57.3%	5.8%	.	.
Allina Health - Lakeville (Quello)	30.6%	41.9%	11.4%	.	.
Allina Health - Maple Grove	36.2%	42.0%	5.8%	.	.
Allina Health - Maplewood (Aspen)	40.7%	45.0%	4.3%	.	.
Allina Health - Nicollet Mall	36.3%	46.2%	9.9%	Y	.
Allina Health - Nininger Road	26.9%	45.5%	18.5%	Y	.
Allina Health - Northfield	37.5%	48.2%	10.7%	Y	.
Allina Health - Plymouth	36.4%	43.2%	6.8%	.	.
Allina Health - Ramsey	45.8%	54.9%	9.1%	.	.
Allina Health - Richfield	43.0%	50.7%	7.6%	.	.
Allina Health - Savage (Quello)	29.6%	42.4%	12.9%	.	.
Allina Health - Shakopee	42.7%	40.2%	-2.5%	.	<
Allina Health - Shoreview	39.3%	55.5%	16.2%	Y	.
Allina Health - St. Michael	26.7%	43.8%	17.1%	.	.
Allina Health - United Medical Specialties	37.7%	45.1%	7.4%	Y	.
Allina Health - Uptown	52.9%	57.4%	4.5%	.	.

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

Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps – 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	32.1%	42.2%	10.1%	Y	
Allina Health - West St. Paul	46.0%	55.5%	9.6%	Y	.
Allina Health - Woodbury	51.1%	50.3%	-0.8%	.	<
Allina Health Specialties - ANW General Medicine Associates - Edina	33.3%	42.7%	9.4%	.	.
Allina Health Specialties - Abbott Northwestern Endocrine Ctr	25.0%	28.4%	3.4%	.	.
Allina Health Specialties - New Ulm Medical Center	37.8%	37.6%	-0.2%	.	<
Altru Health System - Crookston	38.9%	35.0%	-3.9%	.	.
Altru Health System - Roseau	7.9%	17.4%	9.5%	.	.
Apple Valley Medical Clinic - Family Practice	37.9%	41.8%	3.9%	.	.
Avera - Pipestone County Medical Center	9.4%	22.1%	12.7%	.	.
Avera Medical Group - Worthington	33.7%	35.7%	2.0%	.	.
Buffalo Clinic - IHN	10.1%	23.2%	13.1%	Y	.
Buffalo Clinic - Monticello: IHN	20.0%	28.5%	8.5%	.	.
Burnsville Family Physicians	21.2%	36.1%	14.9%	.	.
CentraCare - Northway	40.7%	49.6%	8.9%	.	.
CentraCare Family Health Center	22.6%	21.0%	-1.6%	.	<
CentraCare Health - Long Prairie	27.1%	32.0%	4.9%	.	.
CentraCare Health - Melrose	32.7%	34.3%	1.6%	.	.
CentraCare Health Plaza - Endocrinology	18.2%	26.0%	7.8%	Y	.
CentraCare Health Plaza - Family Medicine	35.8%	46.2%	10.4%	.	.
CentraCare Health Plaza - Internal Medicine	24.4%	40.3%	15.9%	Y	.
CentraCare Health - Sauk Centre	23.2%	32.6%	9.4%	.	.
CentraCare River Campus - Internal Medicine	46.2%	44.8%	-1.5%	.	<
Chippewa County Montevideo Hospital & Medical Clinic	33.0%	29.7%	-3.3%	.	<
Community-University Health Care Center	20.3%	25.5%	5.1%	.	.
Duluth Family Medicine Clinic	19.8%	25.9%	6.2%	.	.
Edina Family Physicians, P.A.	18.0%	20.3%	2.3%	.	<
Endocrinology Clinic of Minneapolis	31.6%	29.0%	-2.6%	.	.
Entira Family Clinics - Como/Roseville	50.0%	46.0%	-4.0%	.	<
Entira Family Clinics - East Side	46.8%	49.3%	2.5%	.	<
Entira Family Clinics - Highland	47.4%	52.9%	5.5%	.	.
Entira Family Clinics - Inver Grove Heights	65.7%	61.9%	-3.8%	.	<
Entira Family Clinics - Maplewood/Battle Creek	57.4%	55.0%	-2.4%	.	<
Entira Family Clinics - North St. Paul	50.1%	51.9%	1.8%	.	<
Entira Family Clinics - Shoreview	52.7%	53.3%	0.6%	.	.
Entira Family Clinics - Vadnais Heights	46.0%	53.2%	7.2%	.	.
Entira Family Clinics - West St. Paul	55.1%	53.6%	-1.5%	.	<
Entira Family Clinics - White Bear Lake/Banning Ave	58.9%	64.0%	5.1%	.	.
Entira Family Clinics - White Bear Lake - Bellaire Avenue	62.9%	62.2%	-0.7%	.	.
Entira Family Clinics - Woodbury	49.2%	52.8%	3.6%	.	.
Essentia Health - Aurora Clinic	48.6%	43.3%	-5.3%	.	.
Essentia Health - Deer River Clinic	36.0%	43.6%	7.6%	.	.
Essentia Health - Duluth Clinic 1st St	27.5%	40.1%	12.6%	Y	.
Essentia Health - Ely Clinic	37.5%	45.7%	8.2%	.	.
Essentia Health - Hermantown Clinic	35.8%	44.3%	8.5%	.	.
Essentia Health - Hibbing Clinic	36.8%	31.8%	-5.1%	.	<
Essentia Health - Lakeside Clinic	32.7%	40.2%	7.5%	.	.
Essentia Health - Lakewalk Clinic	35.6%	38.7%	3.1%	.	.
Essentia Health - Moorhead	24.5%	33.1%	8.6%	.	.
Essentia Health - Park Rapids	20.5%	24.1%	3.6%	.	.
Essentia Health - Virginia Clinic	31.2%	35.5%	4.3%	.	.
Essentia Health - West Duluth Clinic	38.4%	44.7%	6.3%	.	.
Essentia Health Fosston	25.3%	28.0%	2.7%	.	.

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

Table 43: 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	32.1%	42.2%	10.1%	Y	
Essentia Health St. Joseph's - Brainerd Clinic	29.6%	40.5%	11.0%	Y	.
Essentia Health St. Joseph's - Pine River Clinic	36.8%	37.2%	0.4%	.	.
Essentia Health St. Joseph's Baxter Clinic	35.3%	40.5%	5.3%	.	.
Fairview Andover Clinic	35.4%	50.6%	15.2%	Y	.
Fairview Blaine Clinic	36.4%	35.3%	-1.1%	.	.
Fairview Bloomington Lake Minneapolis	21.5%	29.2%	7.7%	.	.
Fairview Bloomington Lake Xerxes	30.8%	34.5%	3.7%	.	.
Fairview Brooklyn Park Clinic	38.7%	42.1%	3.4%	.	.
Fairview CedarRidge Clinic	45.0%	46.6%	1.6%	.	.
Fairview Chisago Lakes Clinic	42.6%	49.6%	6.9%	.	.
Fairview Columbia Heights Clinic	38.1%	44.6%	6.5%	.	.
Fairview Crosstown Clinic	43.0%	54.0%	11.0%	.	.
Fairview Eagan Clinic	32.3%	53.5%	21.2%	Y	>
Fairview EdenCenter Clinic	39.0%	45.1%	6.1%	.	.
Fairview Elk River Clinic	25.7%	43.5%	17.8%	Y	.
Fairview Fridley Clinic	26.3%	40.8%	14.5%	Y	.
Fairview Hiawatha Clinic	51.6%	42.7%	-8.9%	.	<
Fairview Highland Park Clinic	35.9%	50.2%	14.3%	.	.
Fairview Lakes Medical Center	25.3%	37.9%	12.6%	Y	.
Fairview Lino Lakes Clinic	28.6%	43.4%	14.8%	.	.
Fairview Maple Grove Medical Center	46.2%	46.5%	0.3%	.	.
Fairview Milaca Clinic	47.4%	41.8%	-5.5%	.	<
Fairview North Branch Clinic	31.1%	42.9%	11.8%	.	.
Fairview Northeast Clinic	36.1%	49.2%	13.1%	Y	.
Fairview Oxboro Clinic	50.8%	56.0%	5.2%	.	.
Fairview Princeton Clinic	32.3%	41.9%	9.6%	Y	.
Fairview Ridges Clinic	41.5%	49.3%	7.8%	.	.
Fairview Rush City Clinic	29.2%	37.5%	8.3%	.	.
Fairview Uptown Clinic	40.0%	45.3%	5.3%	.	.
Fairview Zimmerman Clinic	24.1%	36.1%	12.0%	.	.
Family Medical Center	25.1%	32.8%	7.7%	.	.
Family Practice Medical Center of Willmar	52.5%	46.4%	-6.1%	.	<
FirstLight Health System - Mora	24.0%	35.4%	11.4%	Y	.
FirstLight Health System - Pine City	39.4%	41.4%	2.0%	.	.
France Avenue Family Physicians - Minnesota Healthcare Network	48.1%	50.7%	2.6%	.	.
Gateway Family Health Clinic - Moose Lake	24.3%	29.5%	5.2%	.	.
Gateway Family Health Clinic - Sandstone	21.2%	33.5%	12.3%	.	.
Glencoe Regional Health Services - Glencoe	25.0%	34.2%	9.2%	.	.
Glenwood Medical Center	22.7%	30.2%	7.5%	.	.
Grand Itasca Clinic	18.2%	24.5%	6.3%	Y	.
HealthEast Cottage Grove Clinic	53.1%	51.9%	-1.1%	.	.
HealthEast Downtown St. Paul Clinic	38.4%	42.2%	3.8%	.	.
HealthEast Grand Avenue Clinic	25.4%	34.4%	9.0%	.	.
HealthEast Maplewood Clinic	31.9%	40.6%	8.7%	.	.
HealthEast Midway Clinic	45.5%	54.8%	9.4%	.	.
HealthEast Oakdale	32.8%	39.2%	6.4%	.	.
HealthEast Rice Street Clinic	30.7%	43.5%	12.8%	Y	.
HealthEast Roselawn Clinic	27.0%	23.7%	-3.2%	.	<
HealthEast Roseville Clinic	31.9%	36.8%	5.0%	.	.
HealthEast Vadnais Heights Clinic	21.9%	44.8%	22.9%	Y	.
HealthEast Woodbury Clinic	34.5%	41.3%	6.9%	.	.
HealthPartners - Adult & Seniors Health	29.3%	45.8%	16.5%	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 43: 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	32.1%	42.2%	10.1%	Y	
HealthPartners - Andover	37.5%	52.4%	14.9%	Y	.
HealthPartners - Anoka	30.6%	41.7%	11.1%	Y	.
HealthPartners - Apple Valley	43.1%	46.1%	2.9%	.	.
HealthPartners - Arden Hills	43.3%	55.5%	12.2%	.	.
HealthPartners - Bloomington	36.6%	45.7%	9.2%	.	.
HealthPartners - Brooklyn Center	41.4%	50.2%	8.7%	.	.
HealthPartners - Como	31.9%	50.9%	19.0%	Y	.
HealthPartners - Coon Rapids	44.2%	56.7%	12.5%	Y	.
HealthPartners - Ctr for Internatl Hlth	46.2%	45.1%	-1.1%	.	<
HealthPartners - Elk River	50.9%	54.3%	3.4%	.	.
HealthPartners - Hlth Ctr for Women	30.8%	48.4%	17.6%	Y	.
HealthPartners - Inver Grove Heights	39.6%	56.7%	17.1%	Y	.
HealthPartners - Maplewood	37.4%	47.2%	9.9%	.	.
HealthPartners - Midway	31.2%	44.6%	13.4%	Y	.
HealthPartners - Riverside	38.0%	49.6%	11.6%	Y	.
HealthPartners - Roseville	40.5%	55.9%	15.4%	.	.
HealthPartners - Specialty Center 401	30.2%	41.6%	11.3%	Y	.
HealthPartners - St. Paul	33.5%	50.3%	16.8%	Y	.
HealthPartners - West	34.0%	53.3%	19.3%	Y	.
HealthPartners - White Bear Lake	31.0%	58.3%	27.3%	Y	>
HealthPartners - Woodbury	39.2%	48.2%	9.0%	.	.
HealthPartners Central Minnesota Clinics	27.0%	49.8%	22.8%	Y	>
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Center Cl.	21.5%	20.8%	-0.7%	.	.
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Clinic	14.5%	18.2%	3.7%	.	.
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	14.0%	20.4%	6.4%	Y	.
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	17.5%	33.3%	15.9%	Y	.
Hennepin Cty Med. Ctr (HCMC) Cls - Hennepin Ctr for Diabetes & Endocrin.	16.4%	28.7%	12.3%	Y	.
Hennepin Cty Medical Center (HCMC) Clinics - IM Clinic at Parkside	20.7%	33.7%	13.0%	.	.
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	15.4%	29.3%	14.0%	Y	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	14.5%	17.5%	3.0%	.	.
Hutchinson Health - Hutchinson Clinic	24.4%	30.7%	6.3%	.	.
Indian Health Board of Minneapolis	14.2%	16.9%	2.7%	.	.
Integracare Ltd dba Williams Clinic	15.4%	14.4%	-1.0%	.	.
Johnson Memorial Health Services - Dawson Clinic	29.6%	31.5%	1.9%	.	.
Kittson Memorial Clinic - Hallock	28.1%	21.3%	-6.9%	.	.
Lac Qui Parle Clinic	25.0%	23.1%	-1.9%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	19.7%	26.8%	7.1%	.	.
Lake Superior Community Health Center - Duluth	16.3%	13.2%	-3.0%	.	.
Lake View Clinic - Two Harbors	16.5%	18.3%	1.8%	.	.
LakeWood Health Center Clinic	12.2%	18.2%	6.0%	.	.
Mankato Clinic - Main Street	32.0%	42.0%	10.0%	Y	.
Mankato Clinic - North Mankato	39.6%	49.9%	10.3%	.	.
Mankato Clinic - Wickersham Campus	40.9%	46.1%	5.2%	.	.
Mayo Clinic - Baldwin Building, Family Medicine	40.0%	36.4%	-3.6%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	34.3%	44.3%	10.0%	Y	.
Mayo Clinic - Kasson	12.9%	42.0%	29.1%	Y	>
Mayo Clinic - Northeast	36.7%	45.9%	9.2%	.	.
Mayo Clinic - Speciality Practice	27.1%	32.2%	5.1%	.	.
Mayo Clinic Health System Albert Lea	26.3%	33.1%	6.8%	.	.
Mayo Clinic Health System Austin	23.5%	33.4%	9.9%	Y	.
Mayo Clinic Health System Fairmont	29.2%	36.7%	7.5%	.	.
Mayo Clinic Health System Faribault Hwy 60	38.7%	47.8%	9.1%	.	.

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 43: 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	32.1%	42.2%	10.1%	Y	
Mayo Clinic Health System Lake City	52.9%	55.1%	2.2%	.	.
Mayo Clinic Health System Le Sueur	55.4%	53.0%	-2.4%	.	.
Mayo Clinic Health System Mankato Eastridge	45.6%	56.4%	10.8%	Y	.
Mayo Clinic Health System Mankato Northridge	44.6%	52.4%	7.8%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	30.5%	41.1%	10.6%	Y	.
Mayo Clinic Health System Owatonna	39.3%	47.4%	8.1%	Y	.
Mayo Clinic Health System Red Wing	31.3%	43.1%	11.8%	Y	.
Mayo Clinic Health System Springfield	23.9%	39.1%	15.2%	.	.
Mayo Clinic Health System St. James	47.6%	47.3%	-0.3%	.	.
Mayo Clinic Health System St. Peter	31.9%	44.1%	12.2%	Y	.
Mayo Clinic Health System Wabasha	41.0%	35.9%	-5.1%	.	.
Mayo Clinic Health System Waseca	34.6%	50.4%	15.8%	Y	.
Mille Lacs Health System - Onamia	5.1%	13.4%	8.3%	.	.
Multicare Associates - Blaine Medical Center	27.5%	38.6%	11.1%	Y	.
Multicare Associates - Fridley Medical Center	41.7%	44.0%	2.3%	.	<
Multicare Associates - Roseville Medical Center	47.2%	47.6%	0.4%	.	.
Murray County Clinic	15.2%	21.6%	6.4%	.	.
Neighborhood HealthSource - Fremont Clinic	20.8%	24.4%	3.5%	.	.
Neighborhood HealthSource - Central Clinic	20.0%	23.6%	3.6%	.	.
New Hope Crystal Medical Clinic	13.6%	19.1%	5.5%	.	.
North Memorial Clinic - Brooklyn Center Physicians	29.3%	49.2%	19.9%	Y	.
North Memorial Clinic - Brooklyn Park Physicians	27.3%	34.8%	7.5%	.	.
North Memorial Clinic - Camden Physicians, Mpls	31.4%	38.5%	7.0%	.	.
North Memorial Clinic - Elk River Physicians	23.8%	38.1%	14.3%	.	.
North Memorial Clinic - Golden Valley Physicians	28.2%	42.1%	13.9%	.	.
North Memorial Clinic, Silver Lake - St. Anthony	37.2%	40.7%	3.5%	.	.
NorthPoint Health & Wellness Center	20.9%	26.5%	5.6%	.	.
Northwest Family Physicians - Crystal	29.2%	48.1%	18.9%	Y	.
Northwest Family Physicians - Plymouth	52.9%	51.3%	-1.6%	.	.
Northwest Family Physicians - Rogers	71.2%	46.0%	-25.3%	Y	>
Olmsted Medical Center - Rochester Northwest	25.0%	39.9%	14.9%	Y	.
Olmsted Medical Center - Rochester Southeast	24.6%	37.6%	13.0%	Y	.
Olmsted Medical Center - Spring Valley Clinic	40.0%	51.6%	11.6%	.	.
Open Cities Health (Dunlap) - Family Medicine	11.1%	12.8%	1.8%	.	<
Open Door Health Center	13.9%	21.4%	7.5%	.	.
Ortonville Area Health Services - Northside Medical Clinic	19.7%	29.1%	9.4%	.	.
Park Nicollet Clinic - Bloomington	43.8%	45.0%	1.2%	.	.
Park Nicollet Clinic - Brookdale	39.2%	52.7%	13.5%	Y	.
Park Nicollet Clinic - Burnsville	45.0%	55.4%	10.4%	Y	.
Park Nicollet Clinic - Carlson	41.4%	53.3%	11.9%	.	.
Park Nicollet Clinic - Chanhassen	33.7%	51.2%	17.5%	Y	.
Park Nicollet Clinic - Creekside	34.8%	40.0%	5.2%	.	.
Park Nicollet Clinic - Eagan	48.7%	53.1%	4.3%	.	.
Park Nicollet Clinic - Golden Valley	38.9%	57.9%	19.0%	Y	.
Park Nicollet Clinic - Maple Grove	54.1%	59.6%	5.5%	.	.
Park Nicollet Clinic - Minneapolis	34.8%	45.5%	10.7%	Y	.
Park Nicollet Clinic - Plymouth	42.2%	51.7%	9.5%	.	.
Park Nicollet Clinic - Prairie Center	48.7%	58.6%	9.9%	.	.
Park Nicollet Clinic - Prior Lake	41.0%	48.2%	7.2%	.	.
Park Nicollet Clinic - Shakopee	48.9%	52.0%	3.1%	.	.
Park Nicollet Clinic - St. Louis Park Endocrinology	28.0%	37.7%	9.7%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	45.0%	56.7%	11.7%	Y	.

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

Table 43: 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	32.1%	42.2%	10.1%	Y	
Park Nicollet Clinic - St. Louis Park Internal Medicine	48.4%	59.4%	10.9%	Y	.
Park Nicollet Clinic - Wayzata	47.1%	55.9%	8.8%	.	.
Parkview Medical Clinic	18.6%	18.6%	0.0%	.	.
Prairie Ridge Hospital & Health Services - Elbow Lake	8.1%	15.0%	6.9%	.	.
Rainy Lake Medical Center	35.1%	41.1%	6.0%	.	.
Raiter Clinic - IHN	35.2%	38.1%	2.9%	.	.
Renville County Hospital and Clinics - Olivia	19.6%	30.6%	11.0%	.	.
Ridgeview Chaska Clinic - Internal Medicine	9.8%	22.8%	13.1%	.	.
Ridgeview Westonka Clinic	43.2%	38.8%	-4.5%	.	<
RiverView Clinic North	8.8%	8.7%	-0.1%	.	.
Riverwood Aitkin Clinic	15.2%	28.2%	13.1%	Y	.
Riverwood McGregor Clinic	8.9%	17.1%	8.3%	.	.
Sanford Bemidji 1611 Anne St Clinic	20.0%	28.3%	8.3%	.	.
Sanford Bemidji Main Clinic Family Medicine	13.0%	23.8%	10.8%	Y	.
Sanford Bemidji Main Clinic Internal Medicine	37.3%	37.9%	0.6%	.	.
Sanford Detroit Lakes Clinic	34.6%	33.2%	-1.4%	.	<
Sanford Luverne Clinic	30.8%	33.0%	2.2%	.	.
Sanford South Moorhead Family Medicine	35.3%	32.0%	-3.3%	.	<
Sanford South Moorhead Internal Medicine	28.6%	38.3%	9.7%	.	.
Sanford Thief River Falls Clinic	52.8%	48.6%	-4.2%	.	<
Sanford Walker Clinic	8.8%	23.5%	14.7%	.	.
Sanford Worthington Clinic	24.2%	28.1%	3.8%	.	.
Sawtooth Mountain Clinic, Inc	16.7%	22.5%	5.8%	.	.
Scenic Rivers Health Services - Bigfork/Big Falls	18.5%	32.2%	13.7%	.	.
Scenic Rivers Health Services - Cook	15.2%	22.7%	7.6%	.	.
Southside Medical Clinic	10.8%	15.6%	4.7%	.	.
St Luke's Clinics - Denfeld	13.6%	22.6%	9.0%	.	.
St Luke's Clinics - Duluth Internal Medicine Associates	27.3%	29.8%	2.5%	.	.
St Luke's Clinics - Endocrinology Associates	17.9%	27.3%	9.4%	.	.
St Luke's Clinics - Hibbing Family Medical Clinic	26.8%	29.3%	2.4%	.	.
St Luke's Clinics - Internal Medicine Associates	31.3%	28.4%	-3.0%	.	<
St Luke's Clinics - Laurentian	6.5%	20.3%	13.8%	Y	.
St Luke's Clinics - P.S. Rudie Medical Clinic	34.9%	40.4%	5.6%	.	.
St. Cloud Medical Group - Clearwater - IHN	41.5%	46.4%	4.9%	.	.
St. Cloud Medical Group - NW - IHN	37.8%	41.1%	3.3%	.	<
St. Cloud Medical Group - South - IHN	42.9%	38.8%	-4.2%	.	<
St. Mary's Innovis Health Clinic - Detroit Lakes	25.7%	38.0%	12.3%	Y	.
Stillwater Medical Group - Curve Crest Clinic	38.5%	46.6%	8.1%	Y	.
Tyler Medical Clinic - Avera	12.0%	23.9%	11.9%	Y	.
United Family Medicine	12.6%	23.1%	10.6%	Y	.
United Hospital District Clinic	28.6%	21.9%	-6.7%	.	<
University of Minnesota Physicians - Bethesda Clinic	25.7%	28.0%	2.3%	.	.
University of Minnesota Physicians - Broadway Family Medicine	13.8%	21.1%	7.3%	.	.
University of Minnesota Physicians - Medicine Specialties Clinic 6A	28.4%	28.4%	0.0%	.	<
University of Minnesota Physicians - Phalen Clinic	18.1%	28.1%	10.0%	.	.
University of Minnesota Physicians - Primary Care Center	21.8%	28.4%	6.6%	.	.
University of Minnesota Physicians - Smiley's Clinic	22.3%	25.3%	3.0%	.	.
Wadena Medical Center	9.8%	17.6%	7.8%	Y	.
West Side Community Health Services - East Side Family Clinic	19.0%	20.5%	1.5%	.	.
West Side Community Health Services - La Clinica	10.7%	14.7%	4.0%	.	.
Winona Health - Family Medicine	19.0%	28.1%	9.1%	.	.
Winona Health - Winona Clinic	25.7%	30.2%	4.5%	.	.

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

Please see the next page.

Optimal Asthma Care – Adults Ages 18-50

One hundred and 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 16 percentage points and is statistically significant. This means the Optimal Asthma Care statewide rate for MHCP adult patients ages 18-50 (36 percent) was significantly lower than that of Other Purchasers (52 percent).

Ninety-four clinics had rates for MHCP patients that were lower than Other Purchasers; thirty-two of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Eight clinics had rates for MHCP adult patients ages 18-50 that were higher than Other Purchasers (designated with negative signs in Table 44, Column 4); however, none of these clinics had MHCP patients with significantly higher performance rates. Also of those 105 clinics, three 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 Care – Adults Ages 18-50 measure, 20 clinics had purchaser gaps that were significantly different than the statewide gap. Two clinics had a gap significantly bigger than the statewide gap, and 18 clinics had a rate significantly smaller than the statewide gap. Seven of those 18 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 44 summarizes these findings.

- **Affiliated Community Medical Centers - Willmar Clinic**
- **Allina Health - Forest Lake**
- **Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic**
- **Mankato Clinic - Main Street**

Table 44: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Care – 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	35.9%	52.0%	16.1%	Y	
Affiliated Community Medical Centers - Redwood Falls Clinic	40.0%	42.4%	2.4%	.	.
Affiliated Community Medical Centers - Willmar Clinic	46.5%	46.1%	-0.4%	.	<
Affiliated Community Medical Centers - Marshall Clinic	36.5%	45.7%	9.2%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	7.3%	14.3%	7.0%	.	<
Allina Health - Bandana Square (Aspen)	46.0%	66.2%	20.3%	Y	.
Allina Health - Bloomington (Aspen)	50.0%	51.6%	1.6%	.	.
Allina Health - Buffalo	56.3%	79.3%	23.1%	Y	.
Allina Health - Cambridge	63.6%	73.6%	9.9%	.	.
Allina Health - Centennial Lakes (Quello)	71.0%	69.4%	-1.6%	.	.
Allina Health - Coon Rapids	64.9%	72.0%	7.1%	.	<
Allina Health - Cottage Grove	68.6%	69.5%	0.9%	.	<
Allina Health - Eagan	54.6%	78.1%	23.5%	Y	.
Allina Health - East Lake Street (Aspen)	61.8%	71.4%	9.6%	.	.
Allina Health - Faribault	50.0%	69.8%	19.8%	Y	.
Allina Health - First Street	69.6%	70.8%	1.2%	.	.
Allina Health - Forest Lake	71.1%	66.7%	-4.4%	.	<
Allina Health - Maplewood (Aspen)	53.7%	72.8%	19.2%	Y	.
Allina Health - Nicollet Mall	64.5%	77.5%	13.0%	.	.
Allina Health - Northfield	72.3%	74.2%	1.9%	.	.
Allina Health - Ramsey	57.6%	69.4%	11.9%	.	.
Allina Health - Richfield	71.0%	75.4%	4.4%	.	.
Allina Health - Shakopee	57.6%	66.0%	8.4%	.	.
Allina Health - West St. Paul	74.6%	77.5%	2.8%	.	<
Allina Health - Woodbury	57.1%	70.3%	13.2%	.	.
Allina Health Specialties - New Ulm Medical Center	52.8%	66.4%	13.6%	.	.
Buffalo Clinic - IHN	18.2%	7.5%	-10.7%	.	<
Buffalo Clinic - Monticello: IHN	4.4%	8.6%	4.2%	.	<
CentraCare Clinic - Northway	71.0%	78.7%	7.7%	.	.
CentraCare Health Plaza - Family Medicine	61.4%	80.0%	18.6%	Y	.
Essentia Health - Duluth Clinic 1st St	42.2%	60.7%	18.5%	Y	.
Essentia Health - Park Rapids	34.1%	50.0%	15.9%	.	.
Essentia Health - St. Mary's - Superior Clinic	53.3%	56.6%	3.2%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	29.1%	52.1%	23.0%	Y	.
Essentia Health St. Joseph's Baxter Clinic	54.9%	68.3%	13.4%	.	.
Fairview Bloomington Lake Minneapolis	36.7%	50.0%	13.3%	.	.
Fairview Brooklyn Park Clinic	37.9%	57.3%	19.4%	Y	.
Fairview CedarRidge Clinic	60.7%	68.3%	7.6%	.	.
Fairview Chisago Lakes Clinic	48.5%	62.6%	14.1%	.	.
Fairview Columbia Heights Clinic	48.7%	63.7%	15.1%	Y	.
Fairview Eagan Clinic	50.0%	68.9%	18.9%	Y	.
Fairview Elk River Clinic	56.1%	67.7%	11.6%	.	.
Fairview Fridley Clinic	50.6%	66.2%	15.6%	Y	.
Fairview Hiawatha Clinic	43.9%	61.1%	17.2%	Y	.
Fairview Lakes Medical Center	61.4%	72.3%	10.9%	.	.
Fairview Lakeville Clinic	48.6%	66.8%	18.3%	Y	.
Fairview Lino Lakes Clinic	51.4%	59.2%	7.9%	.	.
Fairview North Branch Clinic	69.7%	72.9%	3.2%	.	.
Fairview Northeast Clinic	50.0%	60.3%	10.3%	.	.
Fairview Oxboro Clinic	63.0%	69.4%	6.3%	.	.
Fairview Princeton Clinic	51.7%	62.7%	11.0%	.	.
Fairview Ridges Clinic	50.0%	61.9%	11.9%	.	.
Fairview Riverside	39.5%	59.8%	20.4%	Y	.
Fairview Uptown Clinic	71.8%	77.5%	5.7%	.	.

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

Table 44: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Care – 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	35.9%	52.0%	16.1%	Y	
Fairview Zimmerman Clinic	43.8%	74.0%	30.3%	Y	.
Grand Itasca Clinic	19.8%	18.4%	-1.4%	.	<
HealthEast Maplewood Clinic	28.6%	43.5%	14.9%	.	.
HealthEast Rice Street Clinic	29.0%	35.4%	6.4%	.	.
HealthEast Roselawn Clinic	26.7%	36.7%	10.0%	.	.
HealthPartners - Anoka	40.3%	54.9%	14.7%	Y	.
HealthPartners - Bloomington	31.1%	47.5%	16.4%	.	.
HealthPartners - Brooklyn Center	55.9%	57.8%	2.0%	.	.
HealthPartners - Como	42.6%	47.5%	4.9%	.	.
HealthPartners - Coon Rapids	39.5%	60.1%	20.6%	Y	.
HealthPartners - Hlth Ctr for Women	33.3%	48.7%	15.4%	.	.
HealthPartners - Maplewood	48.9%	51.6%	2.7%	.	<
HealthPartners - Riverside	54.9%	57.8%	2.9%	.	.
HealthPartners - Specialty Center 401	28.6%	57.4%	28.9%	Y	>
HealthPartners - St Paul	22.6%	42.1%	19.4%	Y	.
HealthPartners - Woodbury	35.0%	43.3%	8.3%	.	.
HealthPartners Central Minnesota Clinics	68.0%	80.4%	12.5%	Y	.
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	6.2%	8.6%	2.4%	.	.
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	42.1%	31.4%	-10.7%	.	<
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	18.4%	22.6%	4.3%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	10.9%	22.8%	11.9%	.	.
Mankato Clinic - Main Street	48.0%	38.4%	-9.6%	.	<
Mayo Clinic Health System Albert Lea	15.2%	25.9%	10.6%	.	.
Mayo Clinic Health System Austin	26.5%	38.1%	11.6%	.	.
Mayo Clinic Health System Owatonna	34.6%	54.0%	19.4%	Y	.
Mayo Clinic Health System Red Wing	42.2%	53.8%	11.6%	.	.
Multicare Associates - Fridley Medical Center	22.2%	32.2%	10.0%	.	.
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 - Camden Physicians, Mpls	9.4%	6.1%	-3.3%	.	<
Northwest Family Physicians - Crystal	22.7%	36.4%	13.7%	.	.
Olmsted Medical Center - Rochester Southeast	47.9%	67.2%	19.3%	Y	.
Park Nicollet Clinic - Bloomington	60.6%	65.7%	5.1%	.	.
Park Nicollet Clinic - Brookdale	50.5%	65.1%	14.6%	Y	.
Park Nicollet Clinic - Burnsville	34.6%	63.2%	28.6%	Y	>
Park Nicollet Clinic - Chanhassen	24.2%	53.6%	29.4%	Y	.
Park Nicollet Clinic - Eagan	52.4%	70.1%	17.7%	Y	.
Park Nicollet Clinic - Maple Grove	52.6%	75.5%	22.9%	Y	.
Park Nicollet Clinic - Minneapolis	36.7%	43.6%	7.0%	.	.
Park Nicollet Clinic - Shakopee	53.1%	61.7%	8.6%	.	.
Park Nicollet Clinic - St. Louis Park Asthma and Allergy	55.9%	76.4%	20.6%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	57.8%	69.8%	12.0%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	56.8%	68.1%	11.4%	.	.
Sanford Bemidji Main Clinic Family Medicine	27.0%	30.8%	3.7%	.	.
Sanford Detroit Lakes Clinic	6.1%	11.4%	5.4%	.	.
St Luke's Clinics-P.S. Rudie Medical Clinic	27.3%	53.3%	26.1%	Y	.
St. Cloud Medical Group - NW - IHN	6.7%	29.7%	23.0%	Y	.
St. Mary's Innovis Health Clinic - Detroit Lakes	41.0%	55.3%	14.3%	.	.
Stillwater Medical Group - Curve Crest Clinic	39.4%	48.2%	8.8%	.	.
Tri-County Health Care-Wadena Clinic	0.0%	0.0%	0.0%	.	<
United Family Medicine	12.3%	14.1%	1.8%	.	<
Winona Health - Winona Clinic	0.0%	1.2%	1.2%	.	<

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

Please see the next page.

Colorectal Cancer Screening

Four hundred and twelve clinics met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is 20 percentage points and is statistically significant. This means the Colorectal Cancer Screening statewide rate for MHCP patients (53 percent) was significantly lower than that of Other Purchasers (73 percent).

Of those 412 clinics, 395 of them had rates for MHCP patients that were lower than Other Purchasers; 320 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 45, 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, 125 clinics had purchaser gaps that were significantly different than the statewide gap. Fifteen clinics had a gap significantly larger than the statewide gap, and 110 clinics had a rate significantly smaller than the statewide gap. Seventeen of those 110 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **nine 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 45 summarizes these findings.

- **Allina Health - Farmington**
- **CentraCare Clinic - Becker**
- **CentraCare Health - Sauk Centre**
- **Essentia Health Bagley**
- **Essentia Health Fosston**
- **Fairview St. Francis Clinic**
- **HealthPartners - Ctr for Internatl Hlth**
- **Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic**
- **Lakewood Health System - Staples Clinic**

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Affiliated Community Medical Centers - Benson Clinic	59.1%	72.6%	13.5%	Y	.
Affiliated Community Medical Centers - Granite Falls Clinic	37.3%	63.1%	25.8%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (East)	65.1%	75.4%	10.3%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	43.8%	68.5%	24.8%	Y	.
Affiliated Community Medical Centers - New London Clinic	67.6%	80.3%	12.7%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	60.2%	72.6%	12.4%	Y	.
Affiliated Community Medical Centers - Willmar Clinic	60.0%	84.6%	24.6%	Y	>
Affiliated Community Medical Centers - Marshall Clinic	66.7%	74.7%	8.0%	Y	<
Alexandria Clinic, A Service of Douglas County Hospital	65.3%	76.2%	11.0%	Y	<
Allina Health - Annandale	60.3%	73.1%	12.8%	Y	.
Allina Health - Bandana Square (Aspen)	61.0%	75.9%	14.9%	Y	.
Allina Health - Blaine	61.9%	73.7%	11.8%	Y	.
Allina Health - Bloomington (Aspen)	59.2%	68.0%	8.8%	Y	<
Allina Health - Brooklyn Park	46.9%	69.2%	22.3%	Y	.
Allina Health - Buffalo	67.6%	77.1%	9.4%	Y	<
Allina Health - Burnsville (Quello)	60.0%	69.9%	9.9%	Y	<
Allina Health - Cambridge	62.7%	74.2%	11.5%	Y	<
Allina Health - Centennial Lakes (Quello)	59.0%	70.8%	11.8%	Y	.
Allina Health - Champlin	53.9%	73.9%	20.0%	Y	.
Allina Health - Chanhassen (Quello)	64.2%	69.2%	5.0%	.	<
Allina Health - Chaska	48.8%	70.2%	21.4%	Y	.
Allina Health - Cokato	48.3%	61.4%	13.1%	.	.
Allina Health - Coon Rapids	59.2%	72.0%	12.7%	Y	<
Allina Health - Cottage Grove	60.3%	70.6%	10.3%	Y	<
Allina Health - Dean Lakes	56.4%	66.2%	9.9%	.	.
Allina Health - Eagan	53.1%	72.2%	19.1%	Y	.
Allina Health - East Lake Street (Aspen)	51.9%	68.5%	16.6%	Y	.
Allina Health - Edina	56.1%	78.8%	22.7%	Y	.
Allina Health - Elk River	49.6%	71.1%	21.5%	Y	.
Allina Health - Faribault	49.8%	75.2%	25.4%	Y	.
Allina Health - Farmington	76.6%	71.8%	-4.9%	.	<
Allina Health - First Street	55.4%	76.4%	21.1%	Y	.
Allina Health - Forest Lake	57.0%	73.4%	16.4%	Y	.
Allina Health - Fridley	48.4%	61.6%	13.2%	Y	.
Allina Health - Highland Park (Aspen)	58.1%	71.9%	13.8%	Y	.
Allina Health - Hopkins (Aspen)	69.7%	77.4%	7.7%	.	<
Allina Health - Inver Grove Heights (Aspen)	50.0%	61.0%	11.0%	Y	<
Allina Health - Isles	63.1%	74.8%	11.7%	Y	.
Allina Health - Lakeville (Quello)	53.0%	79.5%	26.5%	Y	.
Allina Health - Maple Grove	54.4%	72.6%	18.1%	Y	.
Allina Health - Maplewood (Aspen)	47.6%	69.1%	21.5%	Y	.
Allina Health - Nicollet Mall	57.1%	68.6%	11.4%	Y	<
Allina Health - Nininger Road	68.9%	76.3%	7.3%	.	<
Allina Health - North Branch	69.1%	70.3%	1.2%	.	<
Allina Health - Northfield	56.7%	68.7%	12.1%	Y	<
Allina Health - Plymouth	54.7%	67.6%	13.0%	Y	<
Allina Health - Ramsey	64.4%	71.8%	7.4%	Y	<
Allina Health - Richfield	63.7%	76.1%	12.4%	Y	<
Allina Health - Savage (Quello)	62.5%	67.4%	4.9%	.	<
Allina Health - Shakopee	57.8%	70.5%	12.6%	Y	.
Allina Health - Sharpe Dillon Cockson & Associates PA	70.6%	79.1%	8.6%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Allina Health - Shoreview	56.2%	74.1%	17.9%	Y	.
Allina Health - St. Michael	57.1%	69.4%	12.3%	Y	.
Allina Health - United Medical Specialties	55.4%	73.6%	18.2%	Y	.
Allina Health - Uptown	68.7%	78.7%	10.0%	Y	<
Allina Health - Vadnais Heights	51.7%	71.7%	20.0%	Y	.
Allina Health - West St. Paul	57.7%	72.8%	15.1%	Y	.
Allina Health - Woodbury	47.9%	72.7%	24.8%	Y	.
Allina Health Specialties - ANW General Medicine Associates - Edina	72.4%	81.3%	8.9%	Y	<
Allina Health Specialties - ANW General Medicine Associates - Mpls	44.4%	51.9%	7.5%	.	.
Allina Health Specialties - New Ulm Medical Center	52.5%	70.0%	17.5%	Y	.
Altru Health System - Crookston	48.2%	70.2%	22.1%	Y	.
Altru Health System - Family Medicine Center	52.3%	73.4%	21.1%	Y	.
Altru Health System - Grand Forks Family Medicine Residency	37.7%	64.9%	27.2%	Y	.
Altru Health System - Lake Region	49.7%	61.6%	12.0%	Y	.
Altru Health System - Main	49.3%	69.6%	20.3%	Y	.
Altru Health System - Professional Center	47.5%	71.7%	24.2%	Y	.
Altru Health System - Roseau	57.6%	71.9%	14.4%	.	.
Apple Valley Medical Clinic - Family Practice	24.6%	38.7%	14.1%	Y	<
Appleton Clinic	40.6%	53.5%	12.8%	.	.
Avera - Pipestone County Medical Center	33.3%	48.5%	15.2%	Y	.
Avera Medical Group - Marshall	21.2%	44.6%	23.5%	Y	.
Avera Medical Group - Windom	57.9%	74.9%	17.0%	Y	.
Avera Medical Group - Worthington	39.0%	63.7%	24.7%	Y	.
Buffalo Clinic - Albertville - St. Michael Clinic: IHN	45.2%	65.7%	20.5%	Y	.
Buffalo Clinic - IHN	61.1%	71.3%	10.1%	Y	<
Buffalo Clinic - Monticello: IHN	56.2%	68.1%	12.0%	Y	<
Burnsville Family Physicians	61.9%	76.2%	14.3%	Y	.
Cedar Riverside People's Center - People's Center Medical Clinic	3.1%	7.1%	4.0%	.	<
CentraCare Clinic - Becker	79.6%	75.8%	-3.7%	.	<
CentraCare Clinic - Northway	70.9%	82.5%	11.6%	Y	<
CentraCare Clinic - St. Joseph	56.1%	82.3%	26.1%	Y	.
CentraCare Clinic - Big Lake	61.9%	70.9%	9.0%	.	.
CentraCare Family Health Center	42.1%	63.7%	21.6%	Y	.
CentraCare Health - Long Prairie	65.3%	79.6%	14.3%	Y	.
CentraCare Health - Melrose	69.2%	83.8%	14.6%	Y	.
CentraCare Health - Monticello Medical Group	53.1%	55.1%	1.9%	.	<
CentraCare Health - Paynesville Clinic	40.0%	53.7%	13.7%	Y	.
CentraCare Health Plaza - Family Medicine	56.5%	84.3%	27.8%	Y	>
CentraCare Health Plaza - Internal Medicine	79.1%	89.6%	10.4%	Y	.
CentraCare Health Plaza - Obstetrics and Women's Clinic	71.9%	83.6%	11.8%	Y	.
CentraCare Health - Sauk Centre	76.9%	75.4%	-1.5%	.	<
CentraCare River Campus - Internal Medicine	72.3%	89.1%	16.8%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	50.2%	67.6%	17.4%	Y	.
Cromwell Medical Clinic - IHN	62.9%	74.1%	11.2%	.	.
Duluth Family Medicine Clinic	53.5%	56.2%	2.7%	.	<
Entira Family Clinics - Como/Roseville	47.0%	68.8%	21.8%	Y	.
Entira Family Clinics - East Side	41.4%	64.9%	23.5%	Y	.
Entira Family Clinics - Highland	57.1%	78.3%	21.2%	Y	.
Entira Family Clinics - Inver Grove Heights	53.1%	67.5%	14.5%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	44.4%	78.3%	33.8%	Y	>
Entira Family Clinics - North St. Paul	48.2%	66.6%	18.4%	Y	.

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

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Entira Family Clinics - Shoreview	48.2%	71.3%	23.1%	Y	.
Entira Family Clinics - Vadnais Heights	58.0%	71.7%	13.8%	Y	.
Entira Family Clinics - West St. Paul	42.7%	70.2%	27.5%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	42.3%	72.7%	30.4%	Y	.
Entira Family Clinics - White Bear Lake - Bellaire Avenue	61.1%	75.5%	14.4%	Y	.
Entira Family Clinics - Woodbury	41.8%	70.2%	28.4%	Y	.
Essentia Health - Ashland Clinic	56.9%	71.7%	14.8%	Y	.
Essentia Health - Aurora Clinic	73.0%	75.6%	2.6%	.	<
Essentia Health - Deer River Clinic	60.9%	72.1%	11.2%	Y	<
Essentia Health - Duluth Clinic 1st St	67.0%	81.7%	14.7%	Y	<
Essentia Health - Ely Clinic	60.5%	74.9%	14.5%	Y	.
Essentia Health - Hayward Clinic	58.7%	73.7%	15.0%	Y	.
Essentia Health - Hermantown Clinic	58.7%	75.9%	17.2%	Y	.
Essentia Health - Hibbing Clinic	50.0%	63.5%	13.5%	Y	.
Essentia Health - International Falls Clinic	52.7%	57.8%	5.1%	.	<
Essentia Health - Jamestown	51.4%	69.1%	17.7%	Y	.
Essentia Health - Lakeside Clinic	55.2%	74.7%	19.5%	Y	.
Essentia Health - Lakewalk Clinic	55.6%	74.5%	18.9%	Y	.
Essentia Health - Moorhead	62.0%	67.6%	5.6%	.	<
Essentia Health - Park Rapids	49.3%	61.1%	11.8%	Y	<
Essentia Health - Proctor Clinic	43.8%	72.9%	29.1%	Y	.
Essentia Health - South University	53.3%	72.9%	19.5%	Y	.
Essentia Health - Spooner Clinic	48.1%	72.1%	24.0%	Y	.
Essentia Health - St. Mary's - Superior Clinic	63.8%	77.3%	13.5%	Y	.
Essentia Health - Virginia Clinic	52.0%	64.0%	12.0%	Y	<
Essentia Health - Wahpeton	56.0%	72.4%	16.4%	Y	.
Essentia Health - Walker	60.0%	68.9%	8.9%	.	.
Essentia Health - West Acres	45.2%	62.5%	17.2%	Y	.
Essentia Health - West Duluth Clinic	58.6%	77.0%	18.5%	Y	.
Essentia Health Bagley	55.6%	46.2%	-9.3%	.	<
Essentia Health Fosston	55.7%	55.5%	-0.2%	.	<
Essentia Health St. Joseph's - Brainerd Clinic	62.9%	79.1%	16.1%	Y	.
Essentia Health St. Joseph's - Crosslake Clinic	57.4%	67.8%	10.5%	.	.
Essentia Health St. Joseph's - Pequot Lakes Clinic	46.6%	55.6%	9.1%	.	.
Essentia Health St. Joseph's - Pine River Clinic	45.6%	57.1%	11.4%	Y	.
Essentia Health St. Joseph's Baxter Clinic	59.5%	75.7%	16.2%	Y	.
Fairview Andover Clinic	69.9%	77.8%	7.9%	Y	<
Fairview Bass Lake Clinic	70.8%	78.0%	7.2%	.	.
Fairview Blaine Clinic	57.8%	70.2%	12.4%	Y	.
Fairview Bloomington Lake Minneapolis	48.8%	68.9%	20.1%	Y	.
Fairview Bloomington Lake Xerxes	58.6%	72.5%	13.9%	Y	.
Fairview Brooklyn Park Clinic	66.6%	79.0%	12.5%	Y	<
Fairview CedarRidge Clinic	72.5%	82.3%	9.9%	Y	<
Fairview Chisago Lakes Clinic	68.8%	78.7%	10.0%	Y	<
Fairview Columbia Heights Clinic	61.1%	79.0%	17.9%	Y	.
Fairview Crosstown Clinic	76.5%	86.7%	10.1%	Y	<
Fairview Eagan Clinic	67.5%	82.5%	14.9%	Y	.
Fairview EdenCenter Clinic	56.1%	80.3%	24.2%	Y	.
Fairview Elk River Clinic	69.1%	79.5%	10.4%	Y	<
Fairview Fridley Clinic	67.5%	82.2%	14.7%	Y	.
Fairview Hiawatha Clinic	66.7%	76.8%	10.1%	Y	<

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

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Fairview Highland Park Clinic	67.0%	77.5%	10.6%	Y	.
Fairview Hugo Clinic	54.6%	73.7%	19.1%	Y	.
Fairview Lakes Medical Center	61.6%	76.2%	14.6%	Y	.
Fairview Lakeville Clinic	62.0%	83.6%	21.6%	Y	.
Fairview Lino Lakes Clinic	55.1%	73.6%	18.5%	Y	.
Fairview Maple Grove Medical Center	63.2%	76.1%	13.0%	Y	.
Fairview Milaca Clinic	63.6%	76.0%	12.3%	Y	.
Fairview North Branch Clinic	57.3%	72.3%	15.0%	Y	.
Fairview Northeast Clinic	63.9%	80.2%	16.3%	Y	.
Fairview Oxboro Clinic	72.4%	81.4%	9.0%	Y	<
Fairview Pine City Clinic	55.0%	70.7%	15.7%	Y	.
Fairview Princeton Clinic	66.7%	78.9%	12.2%	Y	<
Fairview Ridges Clinic	70.9%	84.9%	14.0%	Y	<
Fairview RidgeValley Clinic	73.0%	84.3%	11.3%	Y	.
Fairview Riverside	54.0%	77.9%	24.0%	Y	.
Fairview Riverside Primary Care Clinic	51.3%	48.4%	-2.9%	.	<
Fairview Rogers Clinic	82.1%	86.2%	4.1%	.	<
Fairview Rosemount Clinic	66.7%	84.4%	17.7%	Y	.
Fairview Rush City Clinic	59.0%	73.6%	14.6%	Y	.
Fairview Savage Clinic	73.8%	80.3%	6.5%	.	.
Fairview St. Francis Clinic	68.8%	67.5%	-1.3%	.	<
Fairview Uptown Clinic	66.0%	82.8%	16.8%	Y	.
Fairview Zimmerman Clinic	56.7%	75.1%	18.4%	Y	.
Family Medical Center	51.4%	70.1%	18.6%	Y	.
Family Practice Medical Center of Willmar	53.8%	75.3%	21.4%	Y	.
FamilyHealth Medical Clinic - Northfield	47.7%	74.0%	26.3%	Y	.
FirstLight Health System - Hinckley	42.9%	59.4%	16.6%	Y	.
FirstLight Health System - Mora	50.4%	63.8%	13.5%	Y	.
FirstLight Health System - Pine City	34.8%	59.1%	24.3%	Y	.
France Avenue Family Physicians - Minnesota Healthcare Network	41.5%	60.6%	19.2%	Y	.
Gateway Family Health Clinic - Moose Lake	46.0%	74.4%	28.4%	Y	>
Gateway Family Health Clinic - Sandstone	46.8%	55.7%	8.9%	.	<
Glencoe Regional Health Services - Glencoe	48.0%	69.8%	21.8%	Y	.
Grand Itasca Clinic	58.6%	74.3%	15.6%	Y	.
Gundersen Health System - La Crescent Clinic	75.0%	79.9%	4.9%	.	.
HealthEast Cottage Grove Clinic	61.9%	74.8%	12.9%	Y	.
HealthEast Downtown St. Paul Clinic	58.3%	79.9%	21.6%	Y	.
HealthEast Grand Avenue Clinic	56.2%	71.4%	15.2%	Y	.
HealthEast Hugo Clinic	59.0%	73.4%	14.4%	Y	.
HealthEast Maplewood Clinic	55.8%	74.4%	18.6%	Y	.
HealthEast Midway Clinic	62.9%	83.7%	20.8%	Y	.
HealthEast Oakdale	52.1%	75.1%	23.0%	Y	.
HealthEast Rice Street Clinic	59.8%	70.1%	10.3%	Y	<
HealthEast Roselawn Clinic	44.2%	68.0%	23.8%	Y	.
HealthEast Roseville Clinic	65.0%	71.4%	6.5%	.	<
HealthEast Stillwater Clinic	51.4%	73.3%	21.9%	Y	.
HealthEast Vadnais Heights Clinic	57.8%	80.1%	22.3%	Y	.
HealthEast Woodbury Clinic	58.2%	79.5%	21.3%	Y	.
HealthPartners - Adult & Seniors Health	67.4%	85.2%	17.8%	Y	.
HealthPartners - Andover	62.9%	75.8%	12.8%	Y	.
HealthPartners - Anoka	54.5%	75.3%	20.9%	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 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
HealthPartners - Apple Valley	63.7%	78.8%	15.1%	Y	.
HealthPartners - Arden Hills	66.7%	84.1%	17.4%	Y	.
HealthPartners - Bloomington	59.8%	81.6%	21.8%	Y	.
HealthPartners - Brooklyn Center	61.3%	78.0%	16.7%	Y	.
HealthPartners - Como	59.8%	81.8%	22.0%	Y	.
HealthPartners - Coon Rapids	65.6%	79.6%	13.9%	Y	<
HealthPartners - Cottage Grove	56.8%	67.8%	11.1%	.	.
HealthPartners - Ctr for Internatl Hlth	76.2%	72.9%	-3.3%	.	<
HealthPartners - Eagan	64.9%	78.5%	13.6%	Y	.
HealthPartners - Elk River	56.6%	76.6%	20.0%	Y	.
HealthPartners - Hlth Ctr for Women	62.2%	85.8%	23.6%	Y	.
HealthPartners - Inver Grove Heights	64.2%	79.6%	15.4%	Y	.
HealthPartners - Lino Lakes	56.1%	75.9%	19.8%	Y	.
HealthPartners - Maplewood	63.7%	80.7%	17.1%	Y	.
HealthPartners - Midway	65.2%	78.1%	12.9%	Y	<
HealthPartners - Nokomis	68.2%	75.5%	7.4%	.	.
HealthPartners - Riverside	60.7%	77.8%	17.1%	Y	.
HealthPartners - Roseville	63.2%	79.3%	16.1%	Y	.
HealthPartners - St Paul	53.0%	78.9%	26.0%	Y	>
HealthPartners - West	64.5%	80.6%	16.1%	Y	.
HealthPartners - White Bear Lake	71.1%	84.2%	13.1%	Y	.
HealthPartners - Woodbury	62.3%	80.9%	18.5%	Y	.
HealthPartners Central Minnesota Clinics	49.0%	80.5%	31.4%	Y	>
Hendricks Clinic	55.9%	60.7%	4.8%	.	.
Hennepin Cty Medical Ctr (HCMC) Clinics - Brooklyn Center Clinic	52.1%	50.6%	-1.5%	.	<
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Clinic	37.9%	38.2%	0.4%	.	<
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	51.6%	55.4%	3.9%	.	<
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	52.9%	52.5%	-0.4%	.	<
Hennepin County Medical Ctr (HCMC) Clinics - IM Clinic at Parkside	53.5%	67.2%	13.7%	Y	.
Hennepin Cty Medical Center (HCMC) Clinics - Positive Care Clinic	48.5%	61.0%	12.5%	Y	.
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	57.0%	54.7%	-2.4%	.	<
Hennepin Cty Medical Ctr (HCMC) Clinics - St. Anthony Village Cl.	47.2%	54.9%	7.7%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	48.6%	36.7%	-11.9%	Y	<
Hudson Physicians	31.1%	63.0%	31.9%	Y	>
Hutchinson Health - Hutchinson Clinic	45.1%	70.9%	25.8%	Y	>
Indian Health Board of Minneapolis	27.2%	37.1%	9.9%	.	.
Integracare Ltd dba Williams Clinic	43.6%	49.8%	6.2%	.	<
Kittson Memorial Clinic - Hallock	27.3%	40.5%	13.2%	.	.
Lac Qui Parle Clinic	43.2%	56.1%	12.9%	Y	.
LakeWood Health Center Clinic	43.5%	61.2%	17.7%	Y	.
Lakewood Health System - Staples Clinic	72.7%	66.8%	-5.9%	.	<
Madelia Community Hospital & Clinic	48.7%	58.3%	9.7%	.	.
Mankato Clinic - Main Street	68.7%	81.0%	12.4%	Y	<
Mankato Clinic - North Mankato	67.1%	82.7%	15.6%	Y	.
Mankato Clinic - Wickersham Campus	59.8%	82.9%	23.1%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	63.5%	85.8%	22.3%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	61.0%	83.3%	22.3%	Y	.
Mayo Clinic - Kasson	65.8%	80.8%	15.0%	Y	.
Mayo Clinic - Northeast	57.5%	86.4%	28.9%	Y	.
Mayo Clinic - Northwest	54.4%	86.2%	31.9%	Y	.
Mayo Clinic - Speciality Practice	57.9%	82.6%	24.7%	Y	.

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

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Mayo Clinic Health System Albert Lea	61.4%	71.6%	10.3%	Y	<
Mayo Clinic Health System Austin	57.6%	75.5%	17.9%	Y	.
Mayo Clinic Health System Cannon Falls	63.5%	75.6%	12.1%	Y	.
Mayo Clinic Health System Fairmont	72.9%	79.9%	7.0%	Y	<
Mayo Clinic Health System Faribault Hwy 60	72.8%	83.5%	10.7%	Y	<
Mayo Clinic Health System - Franciscan Healthcare in Caledonia	54.0%	74.7%	20.7%	Y	.
Mayo Clinic Health System Lake City	52.6%	66.0%	13.4%	Y	.
Mayo Clinic Health System Le Sueur	62.9%	76.8%	13.9%	Y	.
Mayo Clinic Health System Mankato Eastridge	69.3%	83.8%	14.6%	Y	.
Mayo Clinic Health System Mankato Northridge	65.4%	84.7%	19.4%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	76.0%	80.7%	4.7%	.	<
Mayo Clinic Health System Montgomery	76.3%	78.9%	2.6%	.	<
Mayo Clinic Health System New Prague	44.7%	75.0%	30.3%	Y	.
Mayo Clinic Health System Owatonna	64.6%	79.5%	14.9%	Y	<
Mayo Clinic Health System Red Wing	59.9%	70.6%	10.6%	Y	<
Mayo Clinic Health System Red Wing in Zumbrota	49.0%	48.6%	-0.5%	.	<
Mayo Clinic Health System Springfield	65.2%	79.2%	14.1%	Y	.
Mayo Clinic Health System St. James	62.0%	72.6%	10.5%	Y	<
Mayo Clinic Health System St. Peter	74.5%	82.5%	8.0%	Y	<
Mayo Clinic Health System Wabasha	63.2%	72.0%	8.8%	.	<
Mayo Clinic Health System Waseca	58.4%	77.0%	18.6%	Y	.
Mayo Clinic Health System Waterville	51.6%	78.0%	26.4%	Y	.
Metropolitan Obstetrics and Gynecology - Gallery Professional Bldg	49.1%	72.8%	23.8%	Y	.
Multicare Associates - Blaine Medical Center	36.7%	49.0%	12.3%	Y	<
Multicare Associates - Fridley Medical Center	32.3%	51.1%	18.8%	Y	.
Multicare Associates - Roseville Medical Center	37.9%	48.7%	10.8%	.	.
Neighborhood HealthSource - Fremont Clinic	33.1%	34.6%	1.4%	.	<
Neighborhood HealthSource - Central Clinic	28.1%	33.0%	4.9%	.	<
North Clinic - Maple Grove Office	40.3%	66.5%	26.2%	Y	.
North Clinic - Oakdale Office in Robbinsdale	44.4%	69.2%	24.8%	Y	.
North Clinic - Osseo Office	57.5%	73.3%	15.8%	Y	.
North Clinic - WestHealth Office in Plymouth	49.5%	72.9%	23.4%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	64.9%	69.9%	5.0%	.	<
North Memorial Clinic - Brooklyn Park Physicians	46.6%	67.3%	20.7%	Y	.
North Memorial Clinic - Camden Physicians, Maple Grove	57.1%	67.6%	10.5%	.	.
North Memorial Clinic - Camden Physicians, Mpls	57.3%	65.9%	8.6%	.	<
North Memorial Clinic - Camden Physicians, Plymouth	60.5%	68.0%	7.5%	.	<
North Memorial Clinic - Elk River Physicians	37.9%	62.0%	24.1%	Y	.
North Memorial Clinic - Golden Valley Physicians	56.3%	70.4%	14.1%	Y	.
North Memorial Clinic - Maple Grove	57.6%	78.9%	21.2%	Y	.
North Memorial Clinic - Minnetonka Physicians	63.2%	71.9%	8.7%	.	.
North Memorial Clinic - Northeast Family Physicians	44.8%	61.0%	16.2%	Y	.
North Memorial Clinic - Plymouth City Center	52.9%	77.9%	25.0%	Y	.
North Memorial Clinic, Silver Lake - Blaine	52.1%	61.0%	8.9%	.	.
North Memorial Clinic, Silver Lake - St. Anthony	52.3%	62.1%	9.7%	Y	<
NorthPoint Health & Wellness Center	46.5%	57.3%	10.8%	Y	<
Northwest Family Physicians - Crystal	45.8%	63.7%	17.9%	Y	.
Northwest Family Physicians - Plymouth	59.7%	69.6%	9.9%	.	.
Northwest Family Physicians - Rogers	59.4%	68.9%	9.5%	.	.
Oakdale Obstetrics & Gynecology, PA - Maple Grove	55.7%	80.8%	25.0%	Y	.
Olmsted Medical Center - Byron Clinic	42.3%	58.7%	16.4%	Y	.

Y = Yes, statistical significance
 < = Significantly smaller purchaser gap within Medical Group than the statewide gap
 . = Not statistically significant
 > = Significantly larger purchaser gap within Medical Group than the statewide gap

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Olmsted Medical Center - Chatfield Clinic	40.0%	57.4%	17.4%	Y	.
Olmsted Medical Center - Pine Island Clinic	47.7%	66.7%	18.9%	Y	.
Olmsted Medical Center - Preston Clinic	52.9%	58.0%	5.1%	.	<
Olmsted Medical Center - Rochester Northwest	34.9%	65.5%	30.6%	Y	>
Olmsted Medical Center - Rochester Southeast	42.6%	70.1%	27.5%	Y	>
Olmsted Medical Center - Spring Valley Clinic	50.0%	64.1%	14.1%	.	.
Olmsted Medical Center - Stewartville Clinic	42.9%	62.2%	19.4%	Y	.
Open Cities Health (Dunlap) - Family Medicine	16.6%	23.2%	6.6%	Y	<
Ortonville Area Health Services - Northside Medical Clinic	50.0%	64.7%	14.7%	Y	.
Park Nicollet Clinic - Bloomington	52.9%	75.2%	22.3%	Y	.
Park Nicollet Clinic - Brookdale	45.7%	76.7%	31.0%	Y	>
Park Nicollet Clinic - Burnsville	55.1%	76.2%	21.0%	Y	.
Park Nicollet Clinic - Carlson	56.8%	81.2%	24.4%	Y	.
Park Nicollet Clinic - Chanhassen	56.0%	75.4%	19.4%	Y	.
Park Nicollet Clinic - Creekside	47.3%	67.2%	19.9%	Y	.
Park Nicollet Clinic - Eagan	51.7%	75.9%	24.2%	Y	.
Park Nicollet Clinic - Golden Valley	59.8%	78.2%	18.4%	Y	.
Park Nicollet Clinic - Maple Grove	51.5%	73.6%	22.1%	Y	.
Park Nicollet Clinic - Minneapolis	44.8%	72.8%	28.0%	Y	>
Park Nicollet Clinic - Plymouth	65.6%	76.2%	10.7%	Y	<
Park Nicollet Clinic - Prairie Center	65.9%	82.1%	16.2%	Y	.
Park Nicollet Clinic - Prior Lake	49.6%	72.9%	23.4%	Y	.
Park Nicollet Clinic - Rogers	36.4%	70.5%	34.1%	Y	.
Park Nicollet Clinic - Shakopee	49.0%	67.5%	18.5%	Y	.
Park Nicollet Clinic - Shorewood	57.8%	81.6%	23.8%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	56.8%	73.4%	16.6%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	69.9%	84.7%	14.8%	Y	.
Park Nicollet Clinic - Wayzata	58.6%	74.6%	16.0%	Y	.
Partners Obstetrics & Gynecology, PA	55.3%	78.4%	23.2%	Y	.
Prairie Ridge Hospital & Health Services - Elbow Lake	36.2%	31.7%	-4.5%	.	<
Prairie Ridge Hospital & Health Services - Morris	8.6%	12.8%	4.3%	.	<
Raiter Clinic - IHN	47.5%	62.3%	14.8%	Y	.
Range Medical Services - IHN	47.5%	50.0%	2.5%	.	<
Renville County Hospital and Clinics - Olivia	53.5%	64.6%	11.1%	.	.
Richfield Medical Group	54.2%	74.0%	19.7%	Y	.
Ridgeview Arlington Clinic	40.6%	63.2%	22.6%	Y	.
Ridgeview Chanhassen Clinic	45.1%	64.9%	19.8%	Y	.
Ridgeview Delano Clinic	35.1%	56.0%	20.9%	Y	.
Ridgeview Excelsior Clinic	34.9%	54.9%	20.1%	Y	.
Ridgeview Westonka Clinic	46.6%	58.2%	11.6%	Y	<
River Falls Medical Clinic - River Falls	39.1%	74.0%	34.9%	Y	>
RiverView Clinic North	38.0%	56.3%	18.3%	Y	.
Riverwood Aitkin Clinic	50.2%	71.4%	21.2%	Y	.
Riverwood Garrison Clinic	50.9%	59.6%	8.7%	.	.
Riverwood McGregor Clinic	49.2%	62.1%	13.0%	Y	.
Sanford 69th and Minnesota Family Medicine	58.5%	70.0%	11.5%	.	.
Sanford Aberdeen Clinic	46.8%	58.7%	11.9%	.	.
Sanford Bemidji 1611 Anne St Clinic	59.2%	81.0%	21.8%	Y	.
Sanford Bemidji Black Duck Clinic	73.5%	85.8%	12.4%	Y	.
Sanford Bemidji Main Clinic Family Medicine	62.6%	79.9%	17.3%	Y	.
Sanford Bemidji Main Clinic Internal Medicine	57.1%	85.3%	28.2%	Y	.

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

Table 45: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Colorectal Cancer Screening (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-VHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	53.0%	72.9%	19.9%	Y	
Sanford Broadway Internal Medicine Clinic	64.7%	84.5%	19.8%	Y	.
Sanford Canby Clinic	48.0%	55.2%	7.2%	.	<
Sanford Cass Lake Clinic	71.7%	78.7%	6.9%	.	.
Sanford Detroit Lakes Clinic	60.0%	74.4%	14.4%	Y	.
Sanford East Grand Forks Clinic	41.5%	60.0%	18.5%	Y	.
Sanford Health Broadway Clinic - Alexandria	47.8%	55.2%	7.4%	Y	<
Sanford Health Mountain Lake Clinic	52.4%	57.6%	5.2%	.	.
Sanford Health Parkers Prairie Clinic	41.9%	33.9%	-8.0%	.	<
Sanford Health Windom Clinic	48.9%	61.4%	12.5%	.	.
Sanford Jackson Clinic	33.3%	53.9%	20.5%	Y	.
Sanford Jamestown Clinic	40.0%	65.6%	25.6%	Y	.
Sanford Luverne Clinic	53.2%	73.6%	20.4%	Y	.
Sanford Mahanomen Clinic	47.5%	65.9%	18.4%	Y	.
Sanford North Fargo Clinic	39.4%	68.9%	29.5%	Y	.
Sanford Pelican Rapids Clinic	35.0%	56.5%	21.5%	Y	.
Sanford Perham Clinic	64.1%	73.6%	9.5%	Y	<
Sanford Sheldon Clinic	27.0%	47.1%	20.1%	Y	.
Sanford South Moorhead Family Medicine	54.9%	79.3%	24.4%	Y	.
Sanford South Moorhead Internal Medicine	50.0%	83.9%	33.9%	Y	>
Sanford Southpointe Family Medicine	61.8%	73.9%	12.1%	Y	.
Sanford Southpointe Internal Medicine	52.5%	83.0%	30.5%	Y	.
Sanford Thief River Falls Clinic	59.5%	72.1%	12.6%	Y	<
Sanford Tracy Clinic	38.9%	65.4%	26.5%	Y	.
Sanford Wahpeton Clinic	48.8%	53.0%	4.3%	.	<
Sanford Walker Clinic	49.4%	68.3%	18.8%	Y	.
Sanford Westbrook Clinic	50.0%	58.0%	8.0%	.	.
Sanford Worthington Clinic	50.7%	63.0%	12.3%	Y	.
Sawtooth Mountain Clinic, Inc	52.6%	65.8%	13.2%	Y	.
Scenic Rivers Health Services - Bigfork/Big Falls	46.9%	59.9%	13.0%	Y	.
Scenic Rivers Health Services - Cook	30.8%	38.7%	7.9%	.	<
Scenic Rivers Health Services - Northome	63.8%	76.3%	12.4%	.	.
Southside Medical Clinic	32.9%	37.1%	4.2%	.	<
St. Cloud Medical Group - Clearwater - IHN	61.4%	78.9%	17.5%	Y	.
St. Cloud Medical Group - NW - IHN	58.1%	81.4%	23.2%	Y	.
St. Cloud Medical Group - South - IHN	46.6%	76.9%	30.3%	Y	>
St. Mary's innovis Health Clinic - Detroit Lakes	58.8%	71.2%	12.4%	Y	<
Stillwater Medical Group - Curve Crest Clinic	60.5%	79.3%	18.8%	Y	.
Stillwater Medical Group - Mahtomedi Clinic	48.7%	75.5%	26.8%	Y	.
Tri-County Health Care - Henning Clinic	35.4%	45.7%	10.3%	.	.
Tri-County Health Care - Ottertail Clinic	29.4%	51.2%	21.8%	Y	.
Tri-County Health Care - Wadena Clinic	45.2%	63.5%	18.4%	Y	.
Tyler Medical Clinic - Avera	41.1%	51.8%	10.7%	.	.
United Family Medicine	37.9%	56.7%	18.8%	Y	.
University of Minnesota Physicians - Bethesda Clinic	29.8%	44.0%	14.2%	Y	.
University of Minnesota Physicians - Broadway Family Medicine	33.7%	41.8%	8.0%	.	<
University of Minnesota Physicians - Mill City Clinic	63.6%	64.2%	0.6%	.	<
University of Minnesota Physicians - Phalen Clinic	40.1%	50.7%	10.6%	Y	<
University of Minnesota Physicians - Primary Care Center	55.0%	69.2%	14.2%	Y	<
University of Minnesota Physicians - Smiley's Clinic	46.6%	62.4%	15.8%	Y	.
University of Minnesota Physicians - Women's Health Specialists	35.8%	54.2%	18.4%	Y	.
Valley Family Practice	54.8%	70.5%	15.7%	.	.
West Side Community Health Services - East Side Family Clinic	29.6%	28.0%	-1.6%	.	<
West Side Community Health Services - La Clinica	27.7%	29.1%	1.4%	.	<
Winona Health - Family Medicine	47.1%	56.1%	8.9%	Y	<
Winona Health - Winona Clinic	56.4%	72.5%	16.2%	Y	.

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

Please see the next page.

Appropriate Treatment for Children with URI

Sixty-nine 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 two percentage points and is statistically significant. The sign is negative; however, which means the Appropriate Treatment for Children with URI rate for MHCP patients (91 percent) was significantly higher than that of Other Purchasers (89 percent).

Fifteen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Twenty-two medical groups had rates for MHCP patients that were lower than Other Purchasers, however, only one of those medical groups had a significantly lower MHCP rate compared to Other Purchaser rate. (See Table 46, Column 5) Forty-seven 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, seven medical groups had purchaser gaps that were significantly different than the statewide gap. Six of those medical groups had a gap that was significantly larger than the statewide gap, while only one had a gap significantly smaller than the statewide gap. For this one medical group, their MHCP performance rate was lower than Other Purchasers rate. (see Column 6)

There were 31 medical groups that had a higher rate for MHCP patients compared to Other Purchaser patients, and a MHCP rate higher than the statewide MHCP average; however, none of these medical groups had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 46 summarizes these findings.

Table 46: Statistical Analysis Summary of Purchaser Performance Rate Gaps – 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	91.0%	88.7%	-2.3%	Y	
Affiliated Community Medical Centers	93.1%	88.9%	-4.3%	.	.
Alexandria Clinic, PA.	59.1%	65.1%	6.0%	.	.
All About Children Pediatrics - Children's Health Network	100.0%	93.3%	-6.7%	.	.
Allina Specialty Clinic	95.2%	96.4%	1.2%	.	<
Altru Health System	70.6%	78.2%	7.6%	.	>
Apple Valley Medical Clinic	76.2%	78.7%	2.5%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	75.9%	74.0%	-1.9%	.	.
Buffalo Clinic - IHN	94.6%	97.5%	2.9%	.	>
CentraCare Health	94.7%	89.8%	-4.9%	Y	.
Central Pediatrics	95.5%	93.6%	-1.9%	.	.
Children's Clinic Network	96.2%	95.1%	-1.1%	.	.
Children's Health Care	93.6%	88.8%	-4.8%	.	.
Emergency Physicians	92.8%	92.2%	-0.6%	.	.
Entira Family Clinics	91.4%	91.5%	0.1%	.	.
Essentia Health - Central Region	92.4%	93.1%	0.7%	.	.
Essentia Health - West Region	85.0%	76.3%	-8.7%	.	.
Essentia Health - East Region	92.8%	92.9%	0.1%	.	.
Essentia Health St. Mary's	81.3%	80.0%	-1.3%	.	.
Express Healthcare	95.6%	86.1%	-9.5%	.	.
Fairview Medical Group	93.7%	93.2%	-0.5%	.	.
Fairview Mesaba Clinics	82.0%	80.7%	-1.3%	.	.
Family Practice Medical Center Of Willmar	98.4%	84.1%	-14.3%	Y	>
Familyhealth Medical Clinics	94.1%	91.9%	-2.2%	.	.
FirstLight Health System	98.6%	97.1%	-1.5%	.	.
Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	95.7%	100.0%	4.4%	.	>
Glencoe Regional Health Services	76.9%	80.4%	3.4%	.	.
Glenwood Medical Center	69.1%	64.1%	-5.0%	.	.
Grand Itasca Clinic	96.1%	91.4%	-4.7%	.	.
HealthEast	95.1%	92.9%	-2.1%	.	.
HealthPartners Clinics	96.1%	93.5%	-2.6%	Y	.
Hutchinson Health	92.4%	94.4%	2.0%	.	.
Lake Region Medical Group PA	93.3%	83.3%	-9.9%	Y	.
Lakeview Clinic, Ltd.	85.2%	87.2%	2.0%	.	.
Lakewood Health System	88.6%	75.0%	-13.6%	Y	.
Mankato Clinic	83.8%	83.3%	-0.5%	.	.

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

Table 46: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Treatment for Children with URI (continued)

Medical Group	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the medical group between purchasers.	There are significant differences between the statewide gap and the medical group gap
Statewide	91.0%	88.7%	-2.3%	Y	
Mayo Clinic	94.1%	86.9%	-7.2%	Y	.
Mayo Clinic Health System - Albert Lea	94.0%	92.7%	-1.4%	.	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	88.9%	83.9%	-5.0%	.	.
Mayo Clinic Health System - Mankato	92.8%	86.8%	-5.9%	.	.
Mayo Clinic Health System - New Prague	83.6%	84.2%	0.5%	.	.
Mayo Clinic Health System - Red Wing	78.7%	75.7%	-3.0%	.	.
Mayo Clinic Health System - Waseca	92.1%	88.7%	-3.4%	.	.
Mayo Clinic Health System- Owatonna	87.8%	84.7%	-3.1%	.	.
Minute Clinic Diagnostic, P.A	97.2%	96.8%	-0.4%	.	.
Multicare Associates of the Twin Cities	91.9%	93.1%	1.2%	.	.
North Clinic	100.0%	95.7%	-4.4%	.	.
North Memorial Clinic	97.7%	86.1%	-11.7%	Y	>
Northwest Family Physicians	89.3%	76.0%	-13.3%	.	.
Olmsted Medical Center	83.7%	79.8%	-3.9%	.	.
Park Nicollet Clinic	94.6%	93.8%	-0.8%	.	.
Pediatric And Young Adult Medicine - Children's Health Network	91.8%	92.4%	0.6%	.	.
Pediatric Services - Children's Health Network	91.2%	95.0%	3.8%	.	.
Priority Pediatrics Urgent Care	95.5%	93.4%	-2.1%	.	.
Ridgeview Clinics	86.2%	87.5%	1.3%	.	.
Riverview Clinics	79.0%	63.5%	-15.5%	Y	.
Sanford Health - Fargo Region	89.1%	88.0%	-1.1%	.	.
Sanford Health - Sioux Falls Region	78.3%	84.7%	6.4%	Y	>
Sleepy Eye Medical Center	96.8%	90.9%	-5.9%	.	.
South Lake Pediatrics	98.1%	97.9%	-0.2%	.	.
Southdale Pediatric Associates Ltd	97.2%	96.4%	-0.8%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	92.1%	90.1%	-1.9%	.	.
St. Luke's Clinics	89.6%	82.7%	-6.9%	.	.
Stillwater Medical Group	91.2%	93.4%	2.3%	.	.
Target Clinic	92.9%	93.6%	0.7%	.	.
Tri-County Health Care	81.7%	71.9%	-9.9%	.	.
United Hospital District Clinics	82.0%	93.3%	11.4%	.	.
Unity Family Healthcare - Avon	90.0%	90.6%	0.6%	.	.
Wayzata Children's Clinic (Affiliated w/Children's Health Network)	100.0%	97.4%	-2.7%	.	.
Winona Health	92.2%	92.1%	-0.1%	.	.

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

Please see the next page.

Depression Remission at Six Months

One hundred ninety-eight clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 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 189 clinics, 146 of them had rates for MHCP patients that were lower than Other Purchaser patients; 17 of those clinics had a significant gap between purchasers. (See Table 47, Column 5) This means that these clinics had a significantly lower MHCP performance rate compared to Other Purchasers. Thirty-eight clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). Also of those 189 clinics, 14 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, but only three showed a gap that was significantly larger than the statewide gap. Seventeen clinics had a smaller purchaser gap than the gap at the statewide level, but none were significant. (See Column 6)

The **four 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 47 summarizes these findings.

- **Affiliated Community Medical Centers - Willmar Clinic**
- **Fairview EdenCenter Clinic**
- **Fairview Princeton Clinic**
- **Olmsted Medical Center - Rochester Southeast**

Table 47: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.3%	9.4%	4.1%	Y	
Affiliated Community Medical Centers - Litchfield Clinic (East)	12.1%	2.5%	-9.6%	.	>
Affiliated Community Medical Centers - Redwood Falls Clinic	0.0%	3.9%	3.9%	.	.
Affiliated Community Medical Centers - Willmar Clinic	8.2%	5.7%	-2.5%	.	<
Allina Health - Bandana Square (Aspen)	12.0%	15.2%	3.2%	.	.
Allina Health - Blaine	21.4%	22.3%	0.9%	.	.
Allina Health - Bloomington (Aspen)	9.8%	5.3%	-4.5%	.	>
Allina Health - Brooklyn Park	6.5%	10.8%	4.3%	.	.
Allina Health - Buffalo	13.5%	19.4%	5.9%	.	.
Allina Health - Cambridge	11.8%	16.2%	4.5%	.	.
Allina Health - Champlin	10.1%	17.2%	7.1%	.	.
Allina Health - Chaska	21.6%	17.2%	-4.4%	.	.
Allina Health - Coon Rapids	12.2%	17.1%	4.9%	Y	.
Allina Health - Cottage Grove	13.6%	19.7%	6.1%	.	.
Allina Health - Eagan	13.2%	13.8%	0.6%	.	.
Allina Health - Edina	6.5%	23.1%	16.6%	Y	.
Allina Health - Elk River	10.5%	10.1%	-0.4%	.	.
Allina Health - Faribault	10.7%	18.2%	7.5%	.	.
Allina Health - Farmington	12.1%	24.3%	12.2%	.	.
Allina Health - First Street	15.6%	20.1%	4.5%	.	.
Allina Health - Forest Lake	9.8%	17.0%	7.2%	.	.
Allina Health - Isles	12.5%	13.1%	0.6%	.	.
Allina Health - Maplewood (Aspen)	6.3%	8.2%	1.9%	.	.
Allina Health - Nicollet Mall	11.1%	14.1%	2.9%	.	.
Allina Health - Nininger Road	11.1%	10.9%	-0.2%	.	.
Allina Health - Northfield	7.1%	13.9%	6.8%	Y	.
Allina Health - Plymouth	11.4%	12.7%	1.2%	.	.
Allina Health - Ramsey	11.5%	14.6%	3.1%	.	.
Allina Health - Richfield	13.1%	17.7%	4.6%	.	.
Allina Health - Shakopee	9.0%	12.0%	3.0%	.	.
Allina Health - Shoreview	20.5%	25.9%	5.4%	.	.
Allina Health - St. Michael	20.0%	30.3%	10.3%	.	.
Allina Health - Uptown	14.3%	15.2%	0.9%	.	.
Allina Health - West St. Paul	18.2%	22.6%	4.4%	.	.
Allina Health - Woodbury	15.4%	16.5%	1.1%	.	.
Allina Health Specialties - Allina Mental Health United	4.8%	8.3%	3.6%	.	.
Allina Health Specialties - Allina Mental Health Unity	5.6%	7.4%	1.8%	.	.
Allina Health Specialties - New Ulm Medical Center	8.8%	16.1%	7.3%	.	.
Apple Valley Medical Clinic - Family Practice	0.0%	0.7%	0.7%	.	<
Associated Clinic of Psychology - Apple Valley	4.4%	6.4%	2.0%	.	.
Associated Clinic of Psychology - Brooklyn Center	2.2%	2.8%	0.7%	.	.
Associated Clinic of Psychology - Minneapolis	1.8%	6.4%	4.6%	Y	.
Associated Clinic of Psychology - West St. Paul	2.4%	6.0%	3.6%	.	.
Associates in Psychiatry & Psychology - Rochester	0.0%	0.0%	0.0%	.	.
Boynton Health Service	8.9%	9.1%	0.2%	.	.
CentraCare - Northway	1.9%	7.5%	5.7%	.	.
CentraCare Family Health Center	3.6%	16.7%	13.0%	Y	.
CentraCare Health - Long Prairie	2.4%	2.0%	-0.5%	.	.
CentraCare Health - Melrose	5.7%	4.1%	-1.7%	.	.
CentraCare Health Plaza - Family Medicine	2.5%	6.3%	3.7%	.	.
Duluth Family Medicine Clinic	1.9%	3.7%	1.8%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.3%	9.4%	4.1%	Y	
Entira Family Clinics - Como/Roseville	10.0%	9.4%	-0.7%	.	.
Entira Family Clinics - East Side	7.8%	7.8%	-0.1%	.	.
Entira Family Clinics - Inver Grove Heights	13.2%	34.5%	21.4%	Y	>
Entira Family Clinics - Maplewood/Battle Creek	12.2%	17.4%	5.2%	.	.
Entira Family Clinics - North St. Paul	10.0%	10.1%	0.1%	.	.
Entira Family Clinics - Vadnais Heights	16.7%	22.5%	5.8%	.	.
Entira Family Clinics - West St. Paul	14.7%	20.6%	5.8%	.	.
Entira Family Clinics - White Bear Lake/Banning Ave	3.3%	16.1%	12.7%	.	.
Entira Family Clinics - Woodbury	7.4%	11.0%	3.6%	.	.
Essentia Health - Deer River Clinic	20.0%	17.7%	-2.4%	.	.
Essentia Health - Duluth Clinic	3.0%	9.3%	6.3%	.	.
Essentia Health - Duluth Clinic 1st St	4.3%	8.0%	3.8%	.	.
Essentia Health - Hermantown Clinic	4.3%	10.7%	6.4%	.	.
Essentia Health - Hibbing Clinic	2.9%	2.7%	-0.2%	.	.
Essentia Health - Lakeside Clinic	5.9%	12.4%	6.5%	.	.
Essentia Health - Moorhead	5.9%	9.9%	4.0%	.	.
Essentia Health - Park Rapids	0.0%	4.8%	4.8%	.	.
Essentia Health - Virginia Clinic	5.7%	4.1%	-1.6%	.	.
Essentia Health - West Duluth Clinic	4.2%	5.1%	1.0%	.	.
Essentia Health St. Joseph's - Brainerd Clinic	2.9%	7.7%	4.8%	.	.
Essentia Health St. Joseph's Baxter Clinic	3.2%	6.7%	3.5%	.	.
Fairview Andover Clinic	1.9%	3.8%	1.9%	.	.
Fairview Bass Lake Clinic	0.0%	5.6%	5.6%	.	.
Fairview Blaine Clinic	5.2%	5.4%	0.2%	.	.
Fairview Bloomington Lake Xerxes	1.9%	0.0%	-1.9%	.	.
Fairview Brooklyn Park Clinic	3.3%	2.8%	-0.5%	.	<
Fairview CedarRidge Clinic	4.0%	8.7%	4.7%	.	.
Fairview Chisago Lakes Clinic	1.7%	1.6%	-0.1%	.	.
Fairview Columbia Heights Clinic	3.6%	8.1%	4.5%	.	.
Fairview Crosstown Clinic	2.5%	7.7%	5.2%	.	.
Fairview Egan Clinic	10.0%	15.9%	5.9%	.	.
Fairview EdenCenter Clinic	6.7%	3.0%	-3.7%	.	<
Fairview Elk River Clinic	9.3%	14.1%	4.7%	.	.
Fairview Fridley Clinic	2.1%	3.7%	1.6%	.	.
Fairview Hiawatha Clinic	8.7%	7.7%	-1.0%	.	.
Fairview Highland Park Clinic	3.8%	8.9%	5.1%	.	.
Fairview Lakes Medical Center	3.9%	7.0%	3.1%	.	.
Fairview Lakeville Clinic	2.1%	5.4%	3.3%	.	.
Fairview Lino Lakes Clinic	0.0%	2.4%	2.4%	.	.
Fairview Maple Grove Medical Center	3.2%	4.6%	1.3%	.	.
Fairview Milaca Clinic	5.1%	6.6%	1.5%	.	.
Fairview North Branch Clinic	0.0%	3.9%	3.9%	.	.
Fairview Northeast Clinic	1.3%	3.6%	2.3%	.	.
Fairview Oxboro Clinic	0.0%	3.8%	3.8%	.	.
Fairview Pine City Clinic	2.9%	8.1%	5.2%	.	.
Fairview Princeton Clinic	7.4%	6.0%	-1.4%	.	<
Fairview Ridges Clinic	1.6%	6.9%	5.3%	.	.
Fairview RidgeValley Clinic	5.3%	2.6%	-2.6%	.	<
Fairview Riverside	4.6%	5.6%	1.0%	.	.
Fairview Rogers Clinic	13.2%	8.4%	-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 47: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months (continued)

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.3%	9.4%	4.1%	Y	
Fairview Rush City Clinic	0.0%	4.8%	4.8%	.	.
Fairview Uptown Clinic	6.1%	5.3%	-0.8%	.	.
Fairview Zimmerman Clinic	8.3%	8.3%	0.0%	.	.
Family Life Center	0.0%	3.7%	3.7%	Y	.
Family Practice Medical Center of Willmar	0.0%	0.0%	0.0%	.	<
FirstLight Health System - Mora	7.7%	9.3%	1.6%	.	.
FirstLight Health System - Pine City	8.9%	4.0%	-4.9%	.	.
Gateway Family Health Clinic - Moose Lake	0.0%	1.5%	1.5%	.	.
Gateway Family Health Clinic - Sandstone	0.0%	0.0%	0.0%	.	.
Glencoe Regional Health Services - Glencoe	0.0%	4.4%	4.4%	.	.
Grand Itasca Clinic	0.0%	0.0%	0.0%	.	<
HealthEast Oakdale	3.3%	3.6%	0.3%	.	.
HealthEast Rice Street Clinic	1.8%	9.4%	7.6%	.	.
HealthEast Woodbury Clinic	0.0%	11.9%	11.9%	Y	.
HealthPartners - Anoka	0.0%	1.1%	1.1%	.	.
HealthPartners - Apple Valley	0.0%	7.4%	7.4%	.	.
HealthPartners - Bloomington	6.5%	6.4%	-0.1%	.	.
HealthPartners - Brooklyn Center	1.8%	3.6%	1.8%	.	.
HealthPartners - Como	5.6%	7.1%	1.5%	.	.
HealthPartners - Coon Rapids	1.5%	6.4%	4.8%	.	.
HealthPartners - Hlth Ctr for Women	0.0%	3.7%	3.7%	.	.
HealthPartners - Inver Grove Behav Hlth	6.0%	16.7%	10.7%	.	.
HealthPartners - Maplewood	3.3%	4.5%	1.2%	.	.
HealthPartners - Regions BH Maplewood	0.0%	9.3%	9.3%	Y	.
HealthPartners - Regions BH St Paul	2.9%	5.6%	2.7%	.	.
HealthPartners - Regions BH Woodbury	5.0%	10.7%	5.7%	.	.
HealthPartners - Riverside	2.6%	6.5%	3.8%	.	.
HealthPartners - St Paul	3.3%	1.6%	-1.7%	.	<
HealthPartners - West Behav Hlth	2.1%	9.8%	7.6%	.	.
HealthPartners - White Bear Lake	0.0%	6.4%	6.4%	.	.
HealthPartners - Woodbury	8.0%	3.5%	-4.5%	.	>
HealthPartners Central Minnesota Clinics	5.0%	7.6%	2.7%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	1.4%	0.0%	-1.4%	.	.
Hutchinson Health - Hutchinson Clinic	0.0%	0.0%	0.0%	.	.
Hutchinson Health - Mental Health Clinic	0.0%	0.0%	0.0%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	8.7%	3.5%	-5.2%	.	>
Lake Superior Community Health Center - Duluth	1.9%	3.1%	1.2%	.	.
Lakeland Mental Health Center - Alexandria	0.0%	0.0%	0.0%	.	.
Lakeland Mental Health Center - Fergus Falls	0.0%	0.0%	0.0%	.	.
Lakeland Mental Health Center - Moorhead	0.0%	0.0%	0.0%	.	.
Mankato Clinic - Department of Psychiatry & Psychology	4.1%	14.7%	10.6%	Y	.
Mankato Clinic - Main Street	3.3%	9.2%	5.9%	.	.
Mankato Clinic - North Mankato	13.9%	5.0%	-8.9%	.	>
Mankato Clinic - Wickersham Campus	6.6%	9.1%	2.5%	.	.
Mayo Clinic - Baldwin Building, Family Medicine	5.7%	15.4%	9.7%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	3.6%	16.7%	13.0%	Y	.
Mayo Clinic - Genesee Building	2.4%	9.4%	7.0%	Y	.
Mayo Clinic - Kasson	14.9%	20.4%	5.5%	.	.
Mayo Clinic - Northeast	16.3%	25.8%	9.5%	.	.
Mayo Clinic - Northwest	18.0%	27.0%	9.0%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	5.3%	9.4%	4.1%	Y	
Mayo Clinic - Speciality Practice	7.6%	3.0%	-4.5%	.	>
Mayo Clinic Health System Albert Lea	2.5%	0.7%	-1.8%	.	<
Mayo Clinic Health System Austin	1.8%	6.3%	4.5%	.	.
Mayo Clinic Health System Fairmont	2.0%	3.3%	1.3%	.	.
Mayo Clinic Health System Mankato Eastridge	7.2%	8.6%	1.3%	.	.
Mayo Clinic Health System Mankato Northridge	2.2%	5.8%	3.6%	.	.
Mayo Clinic Health System Owatonna	4.1%	5.9%	1.8%	.	.
Mayo Clinic Health System Red Wing	5.1%	5.6%	0.4%	.	.
Mayo Clinic Health System St. Peter	2.9%	5.9%	3.0%	.	.
Minnesota Mental Health Clinics - Eagan Clinic	5.9%	6.9%	1.0%	.	<
Multicare Associates - Blaine Medical Center	2.7%	4.6%	1.9%	.	.
Multicare Associates - Fridley Medical Center	4.2%	1.9%	-2.3%	.	<
Native American Community Clinic	1.0%	1.7%	0.7%	.	.
North Clinic - Oakdale Office in Robbinsdale	0.0%	1.2%	1.2%	.	<
North Memorial Clinic - Golden Valley Physicians	0.0%	8.3%	8.3%	.	.
Northwest Family Physicians - Crystal	5.0%	11.2%	6.2%	.	.
Olmsted Medical Center - Rochester Southeast	7.5%	5.8%	-1.7%	.	<
Olmsted Medical Center - Rochester Southeast - Psychiatry	8.3%	12.6%	4.3%	.	.
Park Nicollet Clinic - Bloomington	3.1%	14.8%	11.6%	.	.
Park Nicollet Clinic - Brookdale	7.1%	10.4%	3.3%	.	.
Park Nicollet Clinic - Burnsville	1.8%	11.3%	9.5%	Y	.
Park Nicollet Clinic - Eagan	20.0%	31.7%	11.7%	.	.
Park Nicollet Clinic - Maple Grove	20.0%	22.5%	2.5%	.	.
Park Nicollet Clinic - Prior Lake	3.3%	17.8%	14.5%	.	.
Park Nicollet Clinic - Shakopee	3.7%	11.6%	7.9%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	8.8%	11.1%	2.4%	.	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	2.4%	17.3%	15.0%	Y	>
Park Nicollet Clinic - St. Louis Park Psychiatry	3.5%	12.6%	9.1%	Y	>
Rainy Lake Medical Center	4.4%	6.4%	2.0%	.	.
Sanford Bemidji 1611 Anne St Clinic	4.7%	3.5%	-1.1%	.	.
Sanford Detroit Lakes Clinic	3.2%	3.0%	-0.2%	.	.
South Central Human Relations Center - Owatonna	1.1%	6.2%	5.1%	.	.
St Luke's Outpatient Mental Health	5.9%	4.6%	-1.3%	.	.
St. Cloud Hospital - Behavioral Health Clinic	3.3%	4.7%	1.4%	.	.
St. Cloud Medical Group - NW - IHN	2.0%	2.6%	0.6%	.	<
St. Cloud Medical Group - South - IHN	2.9%	5.1%	2.3%	.	.
St. Mary's Innovis Health Clinic - Detroit Lakes	4.2%	9.8%	5.6%	.	.
Stark Mental Health Clinic	0.0%	0.0%	0.0%	.	.
Stillwater Medical Group - Curve Crest Clinic	4.6%	7.5%	2.9%	.	.
United Family Medicine	2.7%	1.6%	-1.1%	.	<
United Hospital District Clinic	0.0%	0.0%	0.0%	.	.
University of Minnesota Physicians - Phalen Clinic	0.0%	0.0%	0.0%	.	.
University of Minnesota Physicians - Primary Care Center	0.0%	1.1%	1.1%	.	.
University of Minnesota Physicians - Psychiatry Clinic	2.4%	5.7%	3.3%	.	.
University of Minnesota Physicians - Smiley's Clinic	4.2%	9.3%	5.0%	.	.
Western Mental Health Center, Inc.	1.3%	0.0%	-1.3%	.	.
Winona Health - Winona Clinic	0.0%	0.0%	0.0%	.	<
Zumbro Valley Mental Health Center - Main Campus	7.0%	10.6%	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

Please see the next page.

Appropriate Testing for Children with Pharyngitis

Sixty-one 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 three percentage points and is statistically significant. This means that the Appropriate Testing for Children with Pharyngitis statewide rate for MHCP patients (87 percent) was significantly lower than that of Other Purchasers (90 percent).

Ten medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Thirty-eight medical groups had rates for MHCP patients that were lower than Other Purchasers, and seven of them had significantly lower MHCP rates compared to Other Purchasers within the medical group. (See Table 48, Column 5) Twenty-three 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 Testing for Children with Pharyngitis measure, eleven medical groups had purchaser gaps that were significantly different than the statewide gap. Nine of those medical groups had a gap that was significantly larger than the statewide gap, while only two had a gap significantly smaller than the statewide. (see Column 6)

The **two medical groups** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 48 summarizes these findings.

- **Children's Health Care**
- **Minute Clinic Diagnostic, P.A**

Table 48: 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	86.6%	89.6%	2.9%	Y	
7 Day Clinic	86.1%	87.3%	1.2%	.	.
Affiliated Community Medical Centers	75.1%	75.6%	0.4%	.	.
Alexandria Clinic, PA.	75.8%	88.6%	12.8%	.	.
Allina Specialty Clinic	90.3%	91.7%	1.4%	.	.
Altru Health System	49.4%	66.3%	16.9%	Y	>
Apple Valley Medical Clinic	98.6%	91.7%	-6.9%	.	>
Avera Medical Group - Pipestone	64.2%	42.3%	-21.8%	Y	>
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	44.7%	72.0%	27.2%	Y	>
Buffalo Clinic - IHN	91.7%	91.7%	0.1%	.	.
CCMH-Montevideo Clinic	97.1%	97.3%	0.2%	.	.
CentraCare Health	83.0%	91.4%	8.4%	Y	.
Central Pediatrics	100.0%	98.4%	-1.6%	.	.
Children's Clinic Network	93.3%	95.0%	1.6%	.	.
Children's Health Care	97.8%	96.8%	-1.0%	.	<
Emergency Physicians	93.8%	92.1%	-1.7%	.	.
Entira Family Clinics	92.2%	96.1%	3.8%	.	.
Essentia Health - Central Region	82.5%	76.6%	-5.9%	.	>
Essentia Health - Fosston	51.3%	46.9%	-4.3%	.	.
Essentia Health - West Region	79.1%	82.4%	3.3%	.	.
Essentia Health- East Region	73.8%	72.3%	-1.6%	.	.
Essentia Health St. Mary's	57.8%	58.1%	0.3%	.	.
Express Healthcare	98.7%	100.0%	1.3%	.	.
Fairview Medical Group	92.8%	92.8%	0.1%	.	.
Fairview Mesaba Clinics	74.3%	65.0%	-9.3%	.	.
FirstLight Health System	93.2%	95.8%	2.6%	.	.
Fridley Children's & Teenagers' Medical Ctr - Children's Hlth Net.	96.7%	98.3%	1.6%	.	.
Glencoe Regional Health Services	84.6%	88.5%	3.9%	.	.
Grand Itasca Clinic	91.3%	96.9%	5.6%	.	.
HealthEast	89.8%	92.4%	2.6%	.	.
HealthPartners Clinics	96.5%	97.6%	1.2%	.	.
Hutchinson Health	80.7%	96.0%	15.3%	Y	>

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

Table 48: 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	86.6%	89.6%	2.9%	Y	
Lake Region Medical Group PA	89.2%	81.0%	-8.2%	.	.
Lakeview Clinic, Ltd.	91.1%	86.1%	-4.9%	.	.
Mankato Clinic	86.8%	89.6%	2.8%	.	.
Mayo Clinic	82.3%	83.6%	1.4%	.	.
Mayo Clinic Health System - Fairmont	52.1%	36.1%	-16.0%	.	>
Mayo Clinic Health System - Mankato	88.5%	85.5%	-2.9%	.	.
Mayo Clinic Health System - New Prague	89.7%	92.7%	2.9%	.	.
Mayo Clinic Health System - Red Wing	96.4%	95.9%	-0.5%	.	.
Mayo Clinic Health System - Waseca	72.6%	78.9%	6.3%	.	.
Mayo Clinic Health System- Albert Lea	88.2%	79.3%	-8.9%	.	.
Mayo Clinic Health System- Owatonna	88.8%	89.3%	0.4%	.	.
Minute Clinic Diagnostic, P.A	99.4%	99.2%	-0.2%	.	<
Multicare Associates of the Twin Cities	98.9%	98.4%	-0.5%	.	.
North Memorial Clinic	82.3%	92.5%	10.2%	Y	.
Olmsted Medical Center	86.5%	88.7%	2.1%	.	.
Park Nicollet Clinic	93.0%	97.0%	4.0%	Y	.
Pediatric And Young Adult Medicine - Children's Health Network	98.8%	99.2%	0.3%	.	.
Pediatric Services - Children's Health Network	100.0%	96.5%	-3.5%	.	.
Priority Pediatrics Urgent Care	100.0%	96.1%	-3.9%	.	.
Ridgeview Clinics	94.1%	97.1%	2.9%	.	.
Riverview Clinics	53.3%	31.6%	-21.8%	Y	>
Sanford Health - Fargo Region	77.3%	74.3%	-3.0%	.	>
Sanford Health - Sioux Falls Region	71.1%	74.2%	3.1%	.	.
South Lake Pediatrics	94.9%	97.2%	2.4%	.	.
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	94.5%	95.8%	1.3%	.	.
St. Luke's Clinics	91.9%	95.3%	3.4%	.	.
Target Clinic	95.1%	98.0%	2.9%	Y	.
Tri-County Health Care	80.7%	75.6%	-5.2%	.	.
Unity Family Healthcare - Avon	80.4%	83.7%	3.3%	.	.
Winona Health	96.0%	93.4%	-2.6%	.	.

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

Please see the next page.

Childhood Immunization Status (Combo 3)

Seven 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 eight percentage points and is statistically significant. This means that the Childhood Immunization statewide rate for MHCP patients (73 percent) was significantly lower than that of Other Purchasers (81 percent).

All but one medical group a MHCP rate that was lower than Other Purchasers; three 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, none of the medical groups had a gap between purchasers that was significantly different than the gap for the statewide rate. (See Table 49, Column 6)

There was one medical group that had a higher rate for MHCP patients compared to Other Purchasers and a MHCP rate higher than the statewide MHCP average; however, the purchaser rate gap for this medical group was not significantly lower than that found for the statewide purchaser rate gap. Table 49 summarizes these findings.

Table 49: 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	72.6%	80.5%	7.9%	Y	
Allina Specialty Clinic	69.0%	81.9%	12.9%	Y	.
Children's Clinic Network	76.0%	75.6%	-0.5%	.	.
Fairview Medical Group	84.3%	89.8%	5.5%	.	.
HealthPartners Clinics	82.7%	89.6%	6.9%	.	.
Park Nicollet Clinic	67.9%	77.7%	9.8%	.	.
Sanford Health - Sioux Falls Region	77.4%	89.4%	12.0%	Y	.
Southdale Pediatric Associates Ltd	70.6%	87.7%	17.1%	Y	.

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

Please see the next page.

Controlling High Blood Pressure

Twenty 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 20 medical groups, 15 of them had rates for MHCP patients that were lower than Other Purchasers; three of these medical groups' rate differences were statistically significant. (See Table 50, Column 4) Five medical groups had higher rates for MHCP patients than Other 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 Controlling High Blood Pressure measure, three medical groups had purchaser gaps that were significantly different than the statewide gap. Two of those medical groups had gaps significantly larger than the statewide gap, and the other had a gap significantly smaller than the statewide gap. (See Column 6)

There was one medical group that had a higher rate for MHCP patients compared to Other Purchasers and a MHCP rate higher than the statewide MHCP average; however, the purchaser rate gap for this medical group was not significantly lower than that found for the statewide purchaser rate gap. Table 50 summarizes these findings.

Table 50: 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	70.0%	76.2%	6.3%	Y	
Affiliated Community Medical Centers	70.5%	85.0%	14.5%	Y	.
Allina Specialty Clinic	80.3%	82.6%	2.3%	.	<
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	68.6%	67.6%	-1.0%	.	.
CentraCare Health	71.0%	75.5%	4.6%	.	.
Entira Family Clinics	86.7%	96.9%	10.2%	Y	.
Essentia Health - Central Region	78.9%	81.7%	2.8%	.	.
Essentia Health - East Region	78.0%	78.8%	0.8%	.	.
Fairview Medical Group	74.9%	80.7%	5.7%	.	.
HealthEast	64.2%	82.4%	18.2%	Y	>
HealthPartners Clinics	71.3%	73.6%	2.3%	.	.
Mayo Clinic Health System - Red Wing	80.1%	55.0%	-25.2%	Y	>
North Clinic	60.5%	71.7%	11.2%	.	.
North Memorial Clinic	75.7%	80.5%	4.8%	.	.
Park Nicollet Clinic	78.0%	82.8%	4.8%	.	.
Ridgeview Clinics	76.8%	74.3%	-2.6%	.	.
Sanford Bagley	54.4%	55.0%	0.5%	.	.
Sanford Health - Fargo Region	73.2%	71.6%	-1.6%	.	.
Sanford Health - Sioux Falls Region	54.3%	48.5%	-5.8%	.	.
St. Luke's Clinics	72.0%	72.7%	0.8%	.	.
Stillwater Medical Group	84.3%	85.1%	0.8%	.	.

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

Please see the next page.

Chlamydia Screening in Women

Sixty-six medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was -10 percentage points and is statistically significant. The sign is negative; however, which means the Chlamydia Screening rate for MHCP patients (56 percent) was significantly higher than that of Other Purchasers (46 percent).

Sixteen medical groups had rates for MHCP patients that were lower than Other Purchasers; 50 medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 51, Column 4). Of those 50 groups, 20 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, 16 medical groups had purchaser gaps that were significantly different than the statewide gap. Of these 16 medical groups, 11 had a gap significantly smaller than the statewide gap; three had a higher MHCP performance rate than Other Purchasers. (See Column 6)

Two medical groups, **Allina Health Clinics** and **Fairview Medical Group**, 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 51 summarizes these findings.

Table 51: 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	55.8%	45.5%	-10.3%	Y	
Affiliated Community Medical Centers	54.9%	42.6%	-12.3%	Y	.
Alexandria Clinic, PA.	32.9%	25.2%	-7.7%	.	.
Allina Health Clinics	61.9%	60.6%	-1.3%	.	<
Altru Health System	42.7%	29.2%	-13.5%	Y	.
Apple Valley Medical Clinic	43.2%	40.7%	-2.5%	.	.
Avera Medical Group - Pipestone	13.2%	17.1%	3.9%	.	.
Avera Med. Grp - McGreevy Cl., United Med. Ctr, Worthington Spec. Cl.	41.0%	27.2%	-13.8%	Y	.
Buffalo Clinic - IHN	54.3%	43.0%	-11.3%	Y	.
CCMH-Montevideo Clinic	47.2%	40.9%	-6.3%	.	.
CentraCare Health	50.0%	50.2%	0.2%	.	<
Children's Clinic Network	45.7%	35.0%	-10.7%	.	.
Children's Health Care	55.0%	38.4%	-16.6%	Y	.
Community University Health Care Center	63.6%	48.0%	-15.7%	Y	.
Cuyuna Regional Medical Center - Clinic Services	27.3%	53.7%	26.5%	Y	>
Entira Family Clinics	55.3%	58.2%	2.9%	.	<
Essentia Health - Central Region	43.9%	37.9%	-6.0%	.	.
Essentia Health - Fosston	16.7%	8.0%	-8.7%	.	.
Essentia Health - West Region	18.4%	30.1%	11.7%	Y	>
Essentia Health- East Region	48.9%	41.0%	-7.9%	Y	.
Essentia Health St. Mary's	37.9%	30.1%	-7.8%	.	.
Fairview Medical Group	63.6%	57.2%	-6.4%	Y	<
Fairview Mesaba Clinics	54.3%	45.0%	-9.3%	.	.
Family Health Center	65.9%	50.0%	-15.9%	.	.
Family Practice Medical Center Of Willmar	40.0%	32.6%	-7.4%	.	.
FirstLight Health System	61.6%	45.3%	-16.3%	Y	.
Gateway Family Health Clinic	39.5%	44.6%	5.1%	.	.
Glencoe Regional Health Services	27.8%	18.2%	-9.6%	.	.
Glenwood Medical Center	35.5%	26.5%	-9.0%	.	.
Grand Itasca Clinic	45.0%	36.7%	-8.2%	.	.
HealthEast	64.1%	64.1%	0.1%	.	<
HealthPartners Clinics	76.2%	66.8%	-9.4%	Y	.
Hennepin Faculty Associates & HCMC Clinics	80.8%	63.6%	-17.2%	Y	.
Hutchinson Health	28.8%	29.5%	0.7%	.	.

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

Table 51: 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	55.8%	45.5%	-10.3%	Y	
Lake Region Medical Group PA	42.7%	35.1%	-7.5%	.	.
Lakeview Clinic, Ltd.	47.5%	47.9%	0.5%	.	.
Lakewood Health System	31.8%	41.7%	10.0%	.	<
Mankato Clinic	48.7%	44.5%	-4.2%	.	.
Mayo Clinic	51.6%	37.8%	-13.8%	Y	.
Mayo Clinic Health System - Albert Lea	62.6%	47.3%	-15.2%	Y	.
Mayo Clinic Health System - Fairmont	40.0%	56.9%	16.9%	.	>
Mayo Clinic Health System - Lake City	38.7%	38.9%	0.2%	.	.
Mayo Clinic Health System - Mankato	48.1%	43.7%	-4.3%	.	.
Mayo Clinic Health System - Owatonna	49.5%	50.7%	1.2%	.	<
Mayo Clinic Health System - Red Wing	60.4%	67.6%	7.2%	.	<
Multicare Associates of the Twin Cities	51.1%	44.6%	-6.4%	.	.
North Clinic	55.4%	34.7%	-20.6%	Y	.
North Memorial Clinic	49.5%	45.4%	-4.2%	.	.
NorthPoint Health And Wellness Center	82.6%	75.0%	-7.6%	.	.
Northwest Family Physicians	46.8%	37.4%	-9.4%	.	.
Park Nicollet Clinic	58.6%	49.0%	-9.6%	Y	.
Planned Parenthood Of Minnesota, North Dakota, South Dakota	78.2%	67.9%	-10.3%	Y	.
Premier OB/GYN of Minnesota	65.4%	56.7%	-8.7%	.	.
Raiter Clinic, LTD - IHN	51.0%	27.1%	-23.9%	Y	.
Riverwood Aitkin Clinic	41.2%	33.3%	-7.8%	.	.
Sanford Bagley	34.4%	26.8%	-7.5%	.	.
Sanford Health - Fargo Region	35.5%	30.8%	-4.7%	.	<
Sanford Health - Sioux Falls Region	28.2%	33.4%	5.2%	.	<
St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN	50.4%	45.8%	-4.6%	.	.
St. Luke's Clinics	59.2%	49.1%	-10.1%	Y	.
Stillwater Medical Group	39.6%	45.8%	6.2%	.	<
Tri-County Health Care	39.7%	33.8%	-5.9%	.	.
United Family Medicine	74.1%	45.8%	-28.3%	Y	>
Unity Family Healthcare - Avon	54.7%	36.9%	-17.8%	.	.
University of Minnesota Physicians	66.0%	43.8%	-22.2%	Y	>
West Side Community Health Services	72.0%	63.0%	-9.1%	.	.
Winona Health	44.6%	34.5%	-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

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 2014 national commercial HEDIS rate and the 2014 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 Treatment for Children with URI, Appropriate Testing for Children with Pharyngitis, 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 Vascular Care, Optimal Asthma Care - Children Ages 5-17, Optimal Diabetes Care, Optimal Asthma Care - Adults Ages 18-50, Colorectal Cancer Screening and Depression Remission at Six Months. The results of these measures are calculated using data submitted by medical groups/clinics. These data come from electronic health records or paper-based medical charts.

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

Healthcare Effectiveness Data and Information Set (HEDIS) measures – HEDIS measures, produced by NCQA, are a set of standardized, quantifiable measures designed to allow reliable comparisons of the performance of insurers and care providers across a broad range of important health issues. HEDIS measures include: Breast Cancer Screening; Appropriate Treatment for Children with URI; Appropriate Testing for Children with Pharyngitis; Childhood Immunization Status (Combo 3); Controlling High Blood Pressure; 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 2013** – 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 2013 to 2014.
- **“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 2013 to 2014.
- **“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 2013 to 2014.

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.

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 2014

- 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.

Increase in MHCP Rate Measures

Large Increase

- Optimal Vascular Care – Measures the percentage of patients with vascular disease ages 18-75 who reached all four treatment goals to reduce modifiable risk factors. The treatment goals include blood pressure less than 140/90, LDL-C less than 100 mg/dl, daily aspirin use, and documented tobacco-free status.
- Optimal Asthma Care – Children Ages 5-17 – Measures the percentage of patients ages 5-17 with persistent asthma who have reached all of the following three targets to control their asthma: (1) evidence of well controlled asthma; (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations; and (3) has been educated about their asthma and self-management of the condition, and has received a written asthma management plan.
- 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, LDL-C less than 100 mg/dl, daily aspirin use if they have a co-morbidity of Ischemic Vascular Disease (IVD), and documented tobacco-free status.

Moderate Increase

- Optimal Asthma Care – Adults Ages 18-50 – Measures the percentage of patients ages 18-50 with persistent asthma who have reached all of the following three targets to control their asthma: (1) evidence of well controlled asthma; (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations; and (3) has been educated about their asthma and self-management of the condition, and has received a written asthma management plan.
- Colorectal Cancer Screening – Measures the percentage of adults ages 51-75 who had appropriate screening for colorectal cancer screenings.
- Appropriate Treatment for Children with Upper Respiratory Infection (URI) – Measures the percentage of children ages three months to 18 years with a diagnosis of URI who were not given an antibiotic prescription within three days of the episode period (July 1 of prior year to June 30 of measurement year). A higher rate represents better performance.

Small Increase

- Depression Remission at Six Months – Measures the percentage of patients whose PHQ-9 score is less than five at six months after their initial score was documented, which is the definition of remission. It's based on the denominator of patients with a diagnosis of major depression or dysthymia whose initial PHQ-9 score is greater than nine.

Decrease in MHCP Rate Measures

Moderate Decrease

- Controlling High Blood Pressure – Measures the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. 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).

Appendix 7: Measure Definitions

- Chlamydia Screening in Women – Measures the percentage of sexually active women ages 16-24 who had at least one test for Chlamydia infection during the measurement year.

Small Decrease

- 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.
- 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.

Appendix 8: References

1. American Health Insurance Plans (2006). Addressing Disparities in Health. Available at www.ahip.org/HealthAndMedicine/DiversityAndCulturalCompetency.
2. Robert Wood Johnson Foundation (2010). Quality & Equality in U.S. Health Care: A Message Handbook.
3. Snowden AM, Kunerth V, Carlson, AM, McRae JA, Vetta E. Addressing Health Care Disparities Using Public Reporting. *American Journal of Medical Quality*, July/August 2012: 275-281.
4. Lavizzo-Mourey, R. (2008). Racial disparities in health care quality should mean equality. *Healthcare Financial Management*, January 2008: 102-104.
5. Chin MH, Alexander-Young M, Burnet DL. 2009. Health care quality improvement approaches to reducing child health disparities. *Pediatrics* 124: S224-S236.
6. 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.
7. 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.
8. Institute of Medicine (1999). *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care*.
9. Emmens KM, Lobb R, Puleo E, Bennett G, Stoffel E & Syngal, S. (2009). Colorectal cancer screening: Prevalence among low-income groups with health insurance. *Health Affairs*, 2009, 28 (1), 169-177. Available at http://bennettlab.org/storage/emmons_healthaffairs.pdf.
10. Howard RN, Marshall LM, Peterson JM, Kohn MA (2002). Tracking Oregon Medicaid patients' enrollment and health utilization patterns. *The Journal of Public Health Management Practice*, 2002, 8(4), 70-76.



MN Community Measurement Broadway Place East, #455
3433 Broadway Street NE
Minneapolis, MN 55413

Email: info@mncm.org
Telephone: (612) 455-2911