2017

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

MN Community Measurement
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DEPARTMENT OF HUMAN SERVICES

2017
Health Care Disparities Report
for Minnesota Health Care Programs

(For care delivered in 2016)

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2017
Health Care Disparities Report
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Executive Summary

The 2017 *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 insurance or Medicare managed care programs) at a statewide and medical group level. For six measures (Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, and Colorectal Cancer Screening), it also compares these rates at the clinic level.

When compared with the overall population of Minnesota, patients enrolled in MHCP are of lower socioeconomic status and represent a disproportionate number of persons of color, American Indian or Alaskan Natives, persons with disabilities, and elderly adults. In addition, these patients often experience significant personal challenges that create barriers to receiving appropriate health care. In many cases, the complexity of the health care system is a barrier to 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 11 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.

- Childhood Immunization Status (Combo 10)*^
- Controlling High Blood Pressure*
- Colorectal Cancer Screening
- Chlamydia Screening in Women*
- Depression Remission at Six Months
- Appropriate Treatment for Children with Upper Respiratory Infection (URI)*
- Breast Cancer Screening*
- Optimal Diabetes Care
- Optimal Asthma Control – Adults Ages 18-50
- Optimal Vascular Care
- Optimal Asthma Control – Children Ages 5-17

*Healthcare Effectiveness Data and Information Set (HEDIS) measures
^Measure specification changes

Key Findings

- Two of the ten comparable MHCP statewide measures have improved since last year (Controlling High Blood Pressure and Colorectal Cancer Screening). These improvements were statistically significant (see **Table ES3**). Controlling High Blood Pressure had the largest gains in MHCP rates.

- Eight measures (Appropriate Treatment for Children with URI, Breast Cancer Screening, Chlamydia Screening in Women, Depression Remission at Six Months, Optimal Asthma Control – Adults, Optimal Asthma Control – Children, Optimal Diabetes Care, and Optimal Vascular Care) declined from last year; of these, only Chlamydia Screening in Women did not have a statistically significant decline.

- For five measures, the criteria for including patients in the measure denominator changed in 2017 (Colorectal Cancer Screening, Optimal Diabetes Care, Optimal Asthma Control – Adults, Optimal Asthma Control – Children, and Optimal Vascular Care). This change may have contributed to the change in statewide rates for these measures.

[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.

- Of the seven measures with three or more years of comparable data, three have improved over time (See **Table ES3**). All three increases were statistically significant.

  - Colorectal Cancer Screening (eight percentage point increase)
  - Appropriate Testing for Children with URI (six percentage point increase)
  - Controlling High Blood Pressure (two percentage point increase)

- The Appropriate Treatment for Children with URI measure continues to have the highest MHCP rate at 93 percent, followed by Controlling High Blood Pressure at 72 percent. The measure with the lowest MHCP rate was Depression Remission at Six Months at five percent.

- Nine of the 11 statewide performance rates for MHCP patients were significantly lower than for patients insured by Other Purchasers. Two measures – Appropriate Treatment for Children with URI and Chlamydia Screening in Women – showed a significantly higher performance rate for MHCP patients than Other Purchaser patients (see **Table ES4**).

- The largest gaps between MHCP and Other Purchaser patients occurred on four measures (see **Table ES4**), and Childhood Immunization Status – Combo 10 had the largest gap:

  - Childhood Immunization Status – Combo 10 (23 percentage points)
  - Breast Cancer Screening (20 percentage points)
  - Colorectal Cancer Screening (19 percentage points)
  - Optimal Vascular Care (19 percentage points)

- Statewide gaps in performance rates between MHCP and Other Purchasers have narrowed over time for six measures. Four of these changes were statistically significant (indicated by an asterisk):

  - Chlamydia Screening in Women (over nine years)*
  - Controlling High Blood Pressure (over three years)*
  - Optimal Asthma Control – Children Ages 5-17 (over three years)
  - Optimal Asthma Control – Adults Ages 18-50 (over three years)*
  - Optimal Diabetes Care (over two years)
  - Colorectal Cancer Screening (over seven years)*

- Differences exist between **racial groups** within the MHCP patient population for all five HEDIS measures (**Table ES1)**.

Table ES1: Summary of Findings by Racial Group

Measures/Racial Group	American Indian or Alaskan Native	Asian or Pacific Islander or Native Hawaiian	Black or African American	Multi-Racial	White	Unknown
Appropriate Treatment for Children with Upper Respiratory Infection		↑	↑		↓	↑
Childhood Immunization Status (Combo 10)	↓	↑	↓			↑
Controlling High Blood Pressure	↓	↓	↓		↓	
Breast Cancer Screening	↓		↓		↑	
Chlamydia Screening for Women		↑	↑	↑	↓	

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

- American Indian or Alaskan Native patients had rates significantly below the MHCP statewide average for three measures.
- Asian patients had rates significantly above the MHCP statewide average for three measures (Appropriate Treatment for Children with URI, Childhood Immunization Status and Chlamydia Screening for Women) and below average for one measure.
- Black or African American patients had rates significantly below average for three measures and above average for two measures (Appropriate Treatment for Children with URI and Chlamydia Screening for Women).
- White patients had above average rates for one measure (Breast Cancer Screening) and below average rates for three measures.

- Statistically significant differences exist between **Hispanic** and **Non-Hispanic** patients within the MHCP patient population for three of the five HEDIS measures (**Table ES2**).

Table ES2: Summary of Findings by Ethnic Group

Measures/Ethnic Group	Hispanic	Non-Hispanic	Unknown
Appropriate Treatment for Children with Upper Respiratory Infection			↑
Childhood Immunization Status (Combo 10)	↑	↓	↑
Controlling High Blood Pressure		↓	
Breast Cancer Screening	↑		↓
Chlamydia Screening in Women	↑		

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

- Hispanic patients had health care performance rates that were significantly higher than Non-Hispanic patients in three measures – Chlamydia Screening in Women, Breast Cancer Screening, and Childhood Immunization Status (Combo 10).
- Non-Hispanic patients did not have a performance rate significantly higher than the statewide MHCP rate in any measures.

- Differences exist between geographical regions for the MHCP patient population for all of the Direct Data Submission (DDS) measures.

    - **The Northwest region** had the lowest rate for four measures (Optimal Diabetes Care; Optimal Vascular Care; Optimal Asthma Control – Children Ages 5-17; and Optimal Asthma Control – Adults Ages 18-50) and these rates were significantly below the MHCP statewide rate. This region did not have the highest screening rate for any measures.

    - **The Northeast region** had the highest rate for two measures (Depression Remission at Six Months and Colorectal Cancer Screening) and these rates were significantly above the MHCP statewide rate. This region did not have the lowest rate for any measure.

    - **The Metro region** had the highest rate for three measures (Optimal Vascular Care; Optimal Asthma Control – Children Ages 5-17; and Optimal Asthma Control – Adults Ages 18-50). The rates for Optimal Vascular Care; Optimal Diabetes Care; Optimal Asthma Control – Children Ages 5-17; and Optimal Asthma Control – Adults Ages 18-50 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 lowest rate for one measure (Depression Remission at Six Months), which was significantly below the MHCP statewide rate. The rates for the Optimal Asthma Control – Adults Ages 18-50 and Colorectal Cancer Screening measures were significantly above the MHCP statewide rate. This region had the highest rate for one measure (Optimal Diabetes Care).

There was one measure that had measure specification changes: **Childhood Immunization Status (Combo 10).** Due to these changes, no trending data is available.

Statewide Rate Comparisons to Previous Years

Table ES3 displays the MHCP statewide results for report year 2017 (2016 dates of service) and compares the 2017 report results to previous years. See the definitions listed below for measure categories.

- **Measure Specification Changes since 2016** – Measures in this category had 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 2016 to 2017.
- **"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 2016 to 2017.
- **"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 2016 to 2017.

Table ES3: Summary of MHCP Statewide Rates for 2017 Report Year Compared to Previous Years

Quality Measure	2017 MHCP Statewide Average	MHCP Percentage Point Change Statewide (Report Year 2017-2016)	MHCP Percentage Point Change Over Time (Report Year 2017 to First Year Reported)
Measure Specification Changes since 2016			
Childhood Immunization Status (Combo 10)*	36.0%	N/A	N/A
Increase in MHCP Rate since 2016			
Moderate Increase			
Controlling High Blood Pressure*	72.2%	2.1**	2.6** (3 years)
Small Increase			
Colorectal Cancer Screening*▲	56.2%	0.6**	8.2** (7 years)
Decrease in MHCP Rate since 2016			
Small Decrease			
Chlamydia Screening in Women	55.7%	-0.3	-0.4 (9 years)
Depression Remission at Six Months	4.5%	-0.3**	-0.3** (2 years)
Appropriate Treatment for Children with URI	92.8%	-0.4**	6.4** (12 years)
Breast Cancer Screening	60.8%	-1.0**	-1.9** (4 years)
Moderate Decrease			
Optimal Diabetes Care*▲	32.5%	-1.1**	-1.1** (2 years)
Optimal Asthma Control - Adults Ages 18-50*▲	40.5%	-4.1**	-1.2** (3 years)
Large Decrease			
Optimal Vascular Care*▲	45.1%	-7.2**	-7.2** (2 years)
Optimal Asthma Control - Children Ages 5-17*▲	51.0%	-7.3**	-2.0** (3 years)

* These statewide averages are weighted samples (see methods). ** Statistically significant difference ($p<0.05$).
▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the changes in statewide rates for these measures.

Summary of Statewide Purchaser Rate Differences

Table ES4 displays differences in the quality measures 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 (2017) (Other purchasers-MHCP)," a positive number indicates the Other Purchasers rate was higher than the MHCP rate; therefore, Other Purchasers patients received were more likely to achieve that measure. Conversely, a negative number indicates the MHCP rate was higher than the Other Purchasers rate; therefore, MHCP patients were more likely to achieve that measure.

Table ES4: Summary of Statewide Purchaser Rate Differences

Quality Measure	2017 MHCP Statewide Average	2017 Other Purchasers Statewide Average	Rate Difference (2017) (Other Purchasers - MHCP)	Rate Difference (Current Year vs. First Year) Over time (Other Purchasers-MHCP)
Chlamydia Screening in Women○	57.0%	50.7%	-6.2%**	Gap Narrowed** (2009-2017)
Appropriate Treatment for Children with URI○	92.7%	90.1%	-2.6%**	Gap Widened** (2006-2017)
Depression Remission at Six Months	4.5%	8.6%	4.1%**	Gap Widened (2016-2017)
Controlling High Blood Pressure*○	72.4%	78.2%	5.8%**	Gap Narrowed** (2015-2017)
Optimal Asthma Control - Children Ages 5-17*▲	51.0%	61.1%	10.1%**	Gap Narrowed (2015-2017)
Optimal Asthma Control - Adults Ages 18-50*▲	40.5%	53.3%	12.8%**	Gap Narrowed** (2015-2017)
Optimal Diabetes Care*▲	32.5%	47.6%	15.1%**	Gap Widened (2016-2017)
Optimal Vascular Care*▲	45.1%	63.6%	18.5%**	Gap Widened** (2016-2017)
Colorectal Cancer Screening*▲	56.2%	74.7%	18.5%**	Gap Narrowed** (2011-2017)
Breast Cancer Screening○	63.0%	82.6%	19.6%**	Gap Widened** (2014-2017)
Childhood Immunization Status (Combo 10)*^○	38.7%	61.2%	22.5%**	N/A

* These statewide averages are weighted samples (see methods). ** Statistically significant difference ($p<0.05$). ^Measure specification changes

▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

○ Indicates medical group average. For HEDIS measures, the medical group average includes patients who are attributed to a medical group. Conversely, the statewide average includes all patients - those attributed to a medical group and those who are not.

Summary of Medical Group Performance Over Time

Table ES5 lists 14 medical groups with consistently high performance on two or more quality measures over three years of the seven quality measures that can be compared. It also lists 18 medical groups with consistent improvement on two or more quality measures over three years of the seven quality measures that can be compared.

Table ES5: Medical Groups with Consistently High Performance or Consistent Improvement

Consistently High Performance on 2 or More Quality Measures	Consistent Improvement on 2 or More Quality Measures
Alexandria Clinic	Altru Health System
Allina Health Clinics	Cedar Riverside People's Center
Allina Health Specialties	CentraCare Health
CentraCare Health	Entira Family Clinics
Children's Respiratory & Critical Care Specialists	Glenwood Medical Center
Fairview Health Services	Lake Region Healthcare
HealthPartners Central Minnesota Clinics	Mayo Clinic
HealthPartners Clinics	Mayo Clinic Health System
Hennepin County Medical Center (HCMC) Clinics	NorthPoint Health & Wellness Center
Mankato Clinic, Ltd.	Riverwood Healthcare Center
Mayo Clinic	Sanford Health - Fargo Region
Mayo Clinic Health System	Sanford Health - Sioux Falls Region
Park Nicollet Health Services	Scenic Rivers Health Services
South Lake Pediatrics	Southside Community Health Services
	St. Luke's Clinics
	Stellis Health, PA
	Tri-County Health Care
	Unity Family Healthcare - Avon

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 is establishing a mechanism for ongoing measurement.

The 2017 *Health Care Disparities Report for Minnesota Health Care Programs* is produced by MN Community Measurement (MNCM) in collaboration with the Minnesota Department of Human Services (DHS). It summarizes health care quality performance results of patients enrolled in Minnesota Health Care Programs (MHCP) and makes comparisons to the results of other patients.

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.

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,* released in 2007, was the first in the nation to include local level information that was actionable for medical groups and clinics.

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. This report supplies comparable, transparent performance data to medical groups and clinics; which allows them to reflect on the disparities within their systems and identify areas for improvement.

Overview of Performance Measures

This report includes 11 health care quality performance measures selected by DHS based on their relevance to patients enrolled in MHCP. Six of the measures were developed by MN Community Measurement (MNCM); the other five were developed by the National Committee for Quality Assurance (NCQA) and are known as Healthcare Effectiveness Data and Information Set (HEDIS) measures. Most performance measures included in this report have been endorsed by the National Quality Forum (NQF) and are aligned with clinical guidelines. For more information on methods, see Appendix 2.

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.

Future Commitment

DHS and MNCM are committed to analyzing MHCP health care performance rates at medical group and clinic levels to inspire improvement. We are pleased that this report continues to generate interest from the media, policymakers, and

[4] Lavizzo-Mourey, R. (2008). Racial disparities in health care quality should mean equality. Healthcare Financial Management, January 2008: 102-104.

researchers. We are even more encouraged that the information is being used by health care stakeholders to improve care for vulnerable patients. Our mission is to accelerate the improvement of health by publicly reporting health care information. Our vision is to drive change that improves health, patient experience, cost and equity of care for everyone in our community.

For More Information

For additional information, please contact Anne Snowden at snowden@mncm.org or Mark Foresman at mark.foresman@state.mn.us.

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Statewide Differences between MHCP and Other Purchasers of Health Care Services

This section presents rates for the 11 measures selected by DHS for this report. Measures with specification changes in 2017 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 2016. Additionally, clinic performance highlights are included for six measures: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Control - Children Ages 5-17, Optimal Asthma Control - Adults Ages 18-50, and Colorectal Cancer Screening.

Finally, medical group performance over time is reported with an analysis of medical group purchaser rate differences. **Please note** that the Childhood Immunization Status (Combo 10) measure is not included in this analysis due to measure specification changes in 2017.

Background

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

Detailed medical group performance data are presented in three appendices:

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

Measure with Specification Changes from 2016 to 2017

Childhood Immunization Status (Combo 10)

Infants and toddlers are especially vulnerable to infectious diseases, due to their developing immune systems. Vaccines can help prevent many diseases and their serious side effects. Immunization of infants and toddlers is recommended by the American Academy of Pediatrics (AAP).

The Childhood Immunization Status (Combo 10) measure evaluates the percentage of children who had the following vaccines by their second birthday:

- Four DTaP
- Three IPV (polio)
- One MMR
- Three H influenza type B
- Three Hepatitis B
- One VZV (chicken pox)
- Four pneumococcal conjugate
- One hepatitis A
- Two or three rotavirus
- Two influenza

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

For Childhood Immunization Status in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The MHCP statewide rate for childhood immunizations was 36 percent; the rate for Other Purchasers was 60 percent. **Table 1** displays statewide rates for each purchaser since measure implementation.

Table 1: Statewide Rates for Childhood Immunization Status (Combo 10)

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Eligible)	Other Purchaser Rate	Difference (Other-MHCP)
2017	36.0%	34.3% - 37.6%	6,927	60.1%	24.1%**

* 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.

** Denotes a statistically significant difference.

This measure has the largest purchaser gap of all 11 measures included in this report.

Please see the next page.

Moderate Increase in MHCP Rate from 2016 to 2017

Controlling High Blood Pressure

Hypertension, or high blood pressure, is associated with serious health effects, such as coronary heart disease, stroke, and retinopathy. Control of high blood pressure can substantially reduce the chance of complications and reduce the risk of developing other conditions.

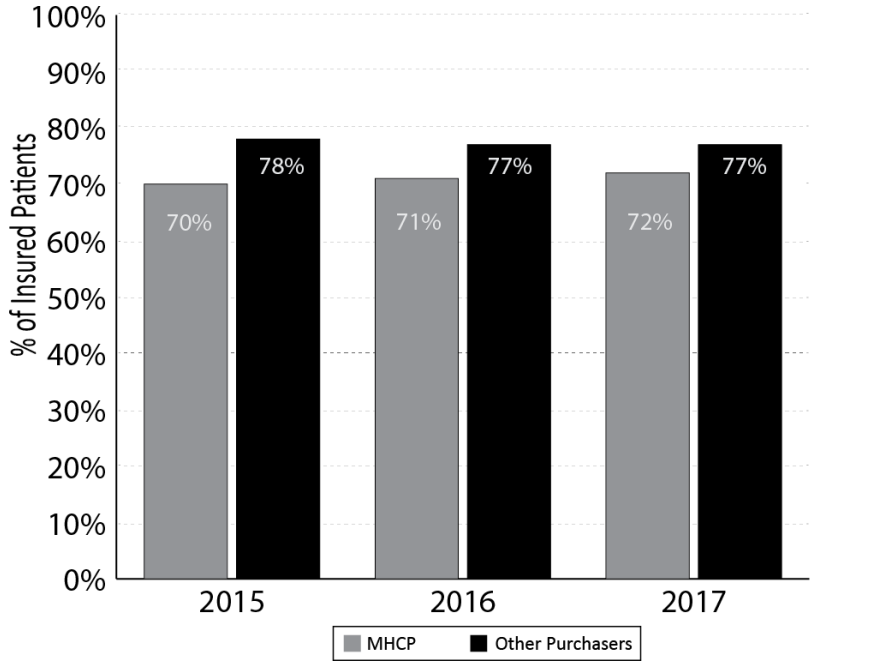
The Controlling High Blood Pressure measure evaluates the percentage of patients between ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. The representative blood pressure, as defined by the National Committee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

The following are the criteria for being adequately controlled:

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

From 2016 to 2017, the percentage of MHCP adult patients whose blood pressure was under control increased slightly from 71% to 72% and this increase was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 1** below for Controlling High Blood Pressure for MHCP and Other Purchasers over time.

Figure 1: Statewide Rates for Controlling High Blood Pressure Over Time



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 factors.

Since 2015, the MHCP and Other Purchaser rates had similar increases each year; however, MHCP patients continue to have a significantly lower rate of Controlling High Blood Pressure than patients insured by Other Purchasers. The statewide rate for Controlling High Blood Pressure for MHCP patients was 72 percent; the rate for patients enrolled with Other Purchasers was 77 percent. **Table 2** displays statewide rates for each purchaser since measure implementation**.**

Table 2: Statewide Rates for Controlling High Blood Pressure

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Eligible)	Other Purchaser Rate	Difference (Other-MHCP)
2017	72.2%	71.3% - 73.0%	9,871	77.3%	5.13%**
2016	70.1%	69.3% - 71.0%	11,415	76.1%	5.92%**
2015	69.6%	68.8% - 70.5%	11,465	77.7%	7.88%**

* 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 Controlling High Blood Pressure decreased by almost one percentage point from 2016 to 2017, but this was not statistically significant.

Small Increase in MHCP Rate from 2016 to 2017

Colorectal Cancer Screening

July 1, 2016 - June 30, 2017 Dates of Service

Of cancers that affect both men and women, colorectal cancer is the second leading cause of cancer-related deaths in the United States and the third most common cancer in men and women. Colorectal cancer affects men and women of all racial and ethnic groups and is found most often in people aged 50 years or older. Screening helps find colorectal cancer at an early state, when treatment often leads to a cure.

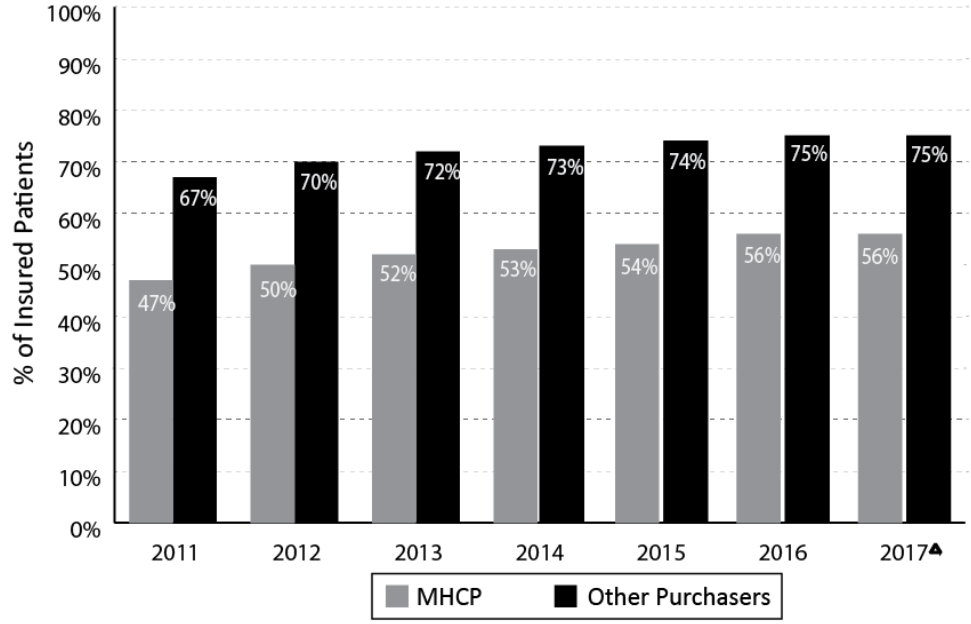
The Colorectal Cancer Screening measure evaluates the percentage of adults ages 51-75 who are up-to-date with the appropriate screenings for colorectal cancer. Appropriate screenings for colorectal cancer include:

- Guaiac-fecal occult blood test (gFOBT) or fecal immunochemical test (FIT) during the measurement year
- FIT-DNA test during the measurement year or the two years prior
- Flexible sigmoidoscopy during the measurement year or the four years prior
- CT colonography 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 MNCM for this measure based on electronic health records or paper-based medical charts. (See Glossary)

From 2016 to 2017, the Colorectal Cancer Screening rate for MHCP patients increased by 0.6 percentage points. This increase was statistically significant. Since 2011, the rate for MHCP patients has increased by approximately nine percentage points, which is statistically significant. See **Figure 2** below for Colorectal Cancer Screening rates for MHCP and Other Purchasers over time.

Figure 2: Colorectal Cancer Screening Statewide Rates over Time



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 factors.

▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

Since 2011, the MHCP and Other Purchaser rates had similar increases each year; however, MHCP patients continue to have a significantly lower rate of Colorectal Cancer Screening than patients insured by Other Purchasers. The MHCP statewide rate for Colorectal Cancer Screening is 56 percent; the rate for Other Purchasers is 75 percent. **Table 3** displays statewide rates for each purchaser since measure implementation.

Table 3: Statewide Rates* for Colorectal Cancer Screening

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)**
2017	56.2%	55.9% - 56.5%	116,426	74.7%	18.5%***
2016	55.6%	55.3% - 55.9%	107,979	74.7%	19.1%**
2015	53.9%	53.6% - 54.2%	93,834	74.3%	20.4%***
2014	53.0%	52.7% - 53.4%	72,037	72.9%	19.6%***
2013	51.8%	51.4% - 52.2%	53,788	71.8%	20.0%***
2012	49.7%	49.3% - 50.2%	41,396	70.1%	20.4%***
2011	47.4%	46.9% - 47.9%	36,652	66.6%	19.1%***

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

The gap between purchasers has remained relatively consistent for all seven years that the data have been reported for this measure. Since 2011, the gap has narrowed slightly and significantly.

Small Decrease in MHCP Rate from 2016 to 2017

Chlamydia Screening in Women

Chlamydia is the most common sexually transmitted disease in the US and can lead to serious health problems, including infertility in women. Chlamydia most often has no symptoms, and if symptoms do appear, it may be several weeks after being infected. Screening for chlamydia is recommended by the US Preventive Services Task Force.

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 2017, 56 percent of MHCP patients received appropriate chlamydia screening, which is a one percent decrease from 2016. This difference is statistically significant. See **Figure 3** for appropriate screening rates for MHCP and Other Purchasers over time.

Figure 3: Statewide Rates for Chlamydia Screening in Women over Time

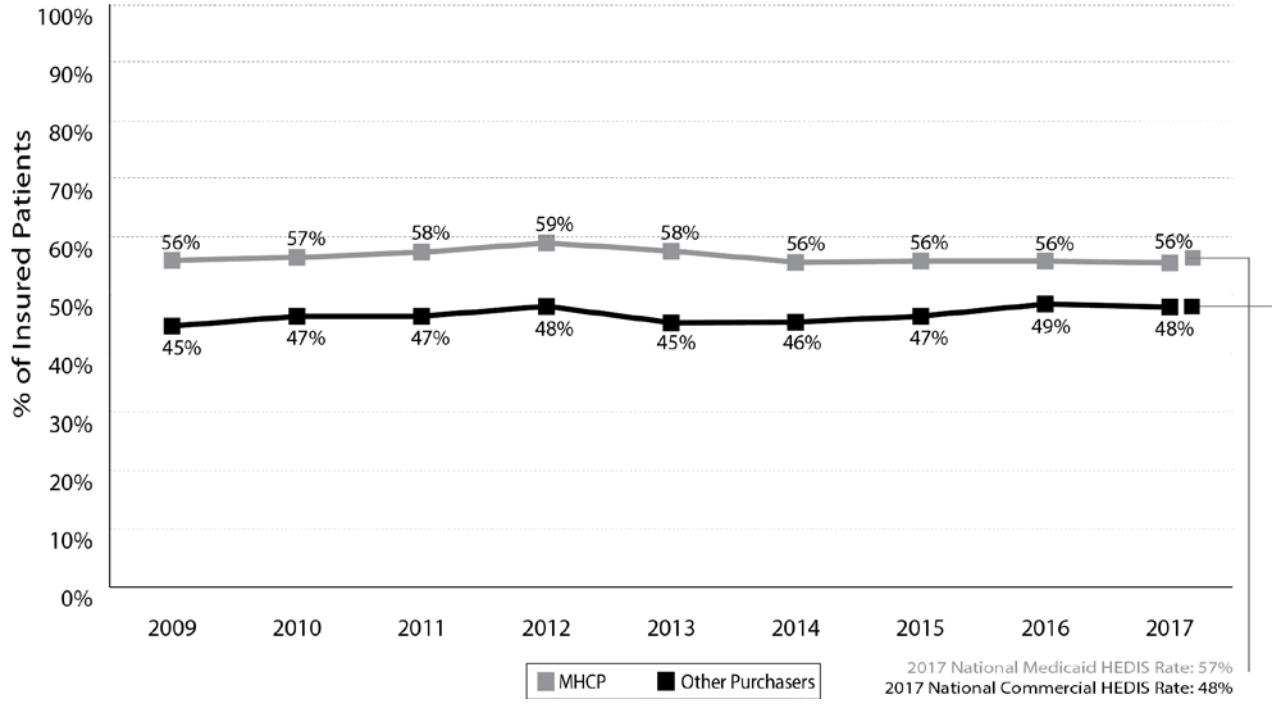


Figure 3 also includes the 2017 National HEDIS Medicaid and Commercial rates as benchmarks for comparison. The statewide MHCP rate is the slightly less than the 2017 National HEDIS benchmark (57 percent). The statewide Other Purchasers rate is above the 2017 National Commercial benchmark (48 percent).

MHCP patients continue to have a significantly higher rate of chlamydia screening than patients enrolled with Other Purchasers. The MHCP rate decreased slightly from 2016 to 2017, however, this difference was not significant. The Other Purchaser rate also decreased slightly from 2016 to 2017. The MHCP statewide rate for chlamydia screening was 56 percent; the rate for Other Purchasers was 48 percent. **Table 4** displays statewide rates for each purchaser since measure implementation.

Table 4: Statewide Rates for Chlamydia Screening in Women

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator	Other Purchaser Rate	Difference (Other-MHCP)
2017	55.7%	55.0% - 56.4%	18,443	48.1%	-7.60%**
2016	56.0%	55.4% - 56.6%	23,871	48.6%	-7.43%**
2015	56.0%	55.3% - 56.7%	20,199	46.5%	-9.56%**
2014	55.8%	54.9% - 56.6%	14,175	45.5%	-10.3%**
2013	57.7%	56.9% - 58.5%	13,905	45.4%	-12.3%**
2012	59.1%	58.3% - 59.9%	14,753	48.2%	-10.9%**
2011	57.5%	56.7% - 58.3%	15,614	46.5%	-11.0%**
2010	56.6%	55.8% - 57.4%	14,258	46.5%	-10.1%**
2009	56.1%	55.3% - 57.0%	12,155	44.8%	-11.3%**

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

For this measure, MHCP patients had a higher rate of appropriate care than Other Purchaser patients. While the difference between purchasers decreased since 2013, the MHCP statewide rate has consistently been higher than the Other Purchaser statewide rate for every year.

Depression Remission at Six Months

February 1, 2016 - January 31, 2017 Dates of Service

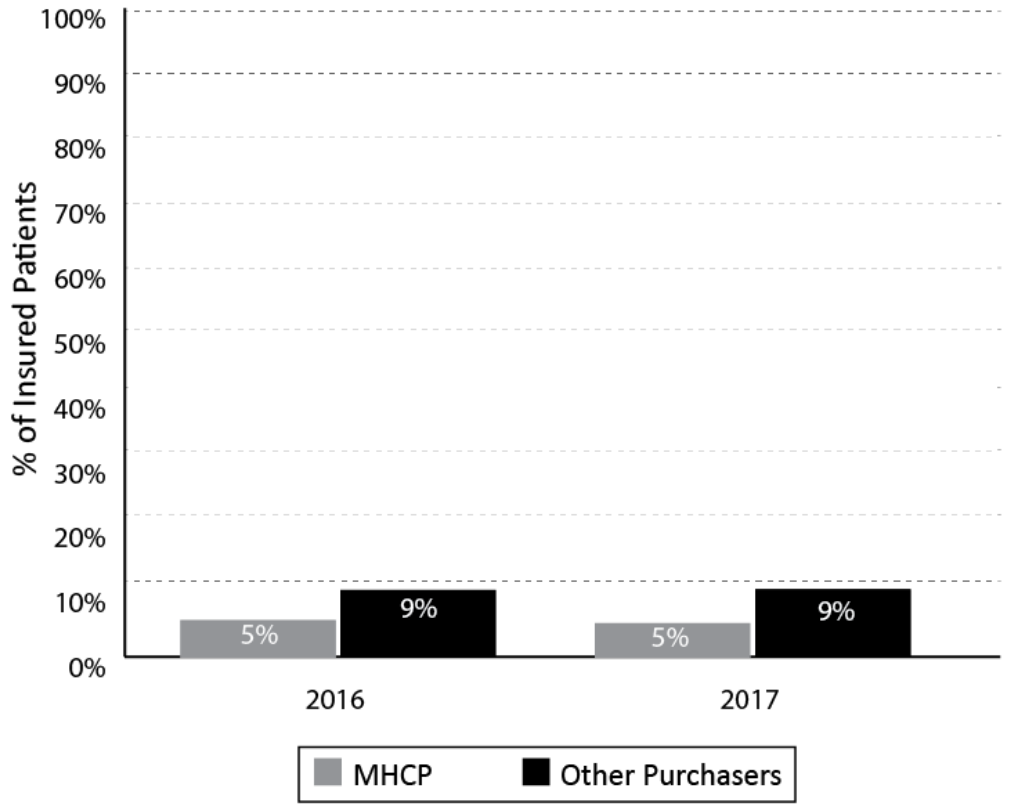
Depression is a serious mental illness and affects over five percent of adult Americans on any given day. Depression is commonly associated with difficulty with performing daily activities. Treatment can help improve the symptoms of depression.

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

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

From 2016 to 2017, the percentage of MHCP patients whose depression was in remission at six months decreased by 0.3 percentage points and this was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 4** below for Depression Remission at Six Months for MHCP and Other Purchasers over time.

Figure 4: Statewide Rates for Depression Remission at Six Months Over Time



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 factors.

For Depression Remission at Six Months in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Depression Remission at Six Months for MHCP patients was five percent; the rate for patients enrolled with Other Purchasers was nine percent. **Table 5** displays the statewide rates for each purchaser since measure implementation.

Table 5: Statewide Rates for Depression Remission at Six Months

Year	MHCP Rate	MHCP CI (U/L)*	MHCP Denominator	Other Purchaser Rate	Difference (Other-MHCP)
2017	4.5%	4.3% - 4.8%	25,551	8.6%	4.1%**
2016	4.8%	4.6% - 5.1%	21,766	9.1%	4.3%**

* 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.

Appropriate Treatment for Children with URI

Upper respiratory infections (URI), also known as the common cold, are caused by viruses and not bacteria. These infections do not require antibiotics for patients to feel better. Appropriate use of antibiotics are an important strategy in reducing the spread of antibiotic-resistance bacteria.

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 2017, 93 percent of MHCP children with URI received appropriate treatment. This rate decreased by less than one percentage point from 2016, and that decrease was statistically significant. Since measure implementation, the rate for MHCP children has increased by approximately seven percentage points, which is also statistically significant. See **Figure 5** for statewide rates for MHCP and Other Purchasers over time for this measure.

Figure 5: Appropriate Treatment for Children with URI Statewide Rates over Time

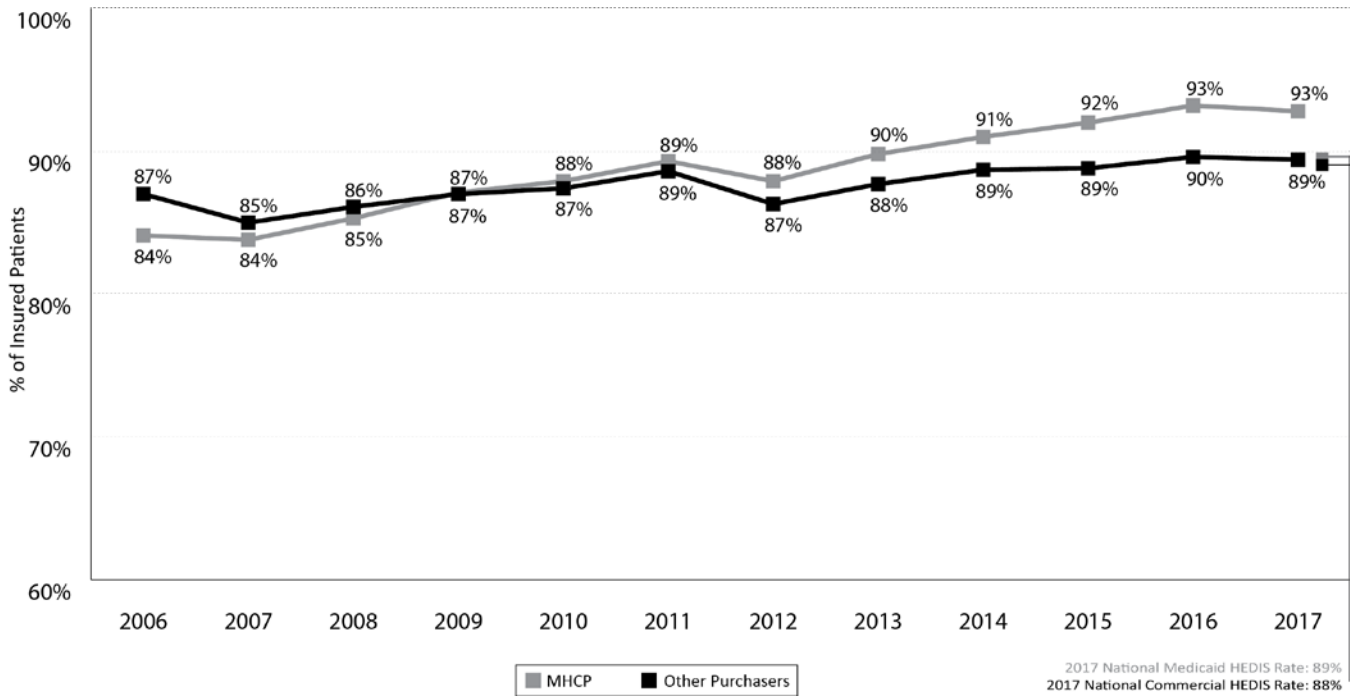


Figure 5 also displays the 2017 National HEDIS Medicaid and Commercial rates as benchmarks for comparison. The statewide MHCP and Other Purchasers rates are both above their respective National HEDIS benchmarks. In other words, Minnesota medical groups are more successful in achieving this health care best practice with their patients, regardless of purchaser, than other medical groups nationwide.

MHCP patients and patients insured by Other Purchasers continued to have similar rates for Appropriate Treatment for Children with URI, although the difference between them is statistically significant. The statewide MHCP rate for this measure was 93 percent; the rate for Other Purchasers was 89 percent. **Table 6** displays statewide rates for each purchaser since measure implementation.

Table 6: 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)**
2017	92.8%	92.4% - 93.1%	18,978	89.4%	-3.4%**
2016	93.2%	92.9% - 93.5%	24,010	89.6%	-3.4%**
2015	92.0%	91.6% - 92.4%	17,606	88.8%	-3.2%**
2014	91.0%	90.5% - 91.3%	19,563	88.7%	-2.3%**
2013	89.8%	89.3% - 90.2%	18,331	87.7%	-2.1%**
2012	87.9%	87.6% - 88.2%	37,573	86.3%	-1.6%**
2011	89.3%	88.8% - 89.7%	20,722	88.6%	-0.7%**
2010	87.9%	87.4% - 88.3%	18,534	87.4%	-0.5%
2009	87.1%	86.6% - 87.6%	17,712	87.0%	-0.1%
2008	85.3%	84.8% - 85.8%	17,043	86.1%	0.8%**
2007	83.8%	83.3% - 84.2%	24,793	85.0%	1.2%**
2006	84.1%	83.5% - 84.7%	14,684	87.0%	2.9%**

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

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

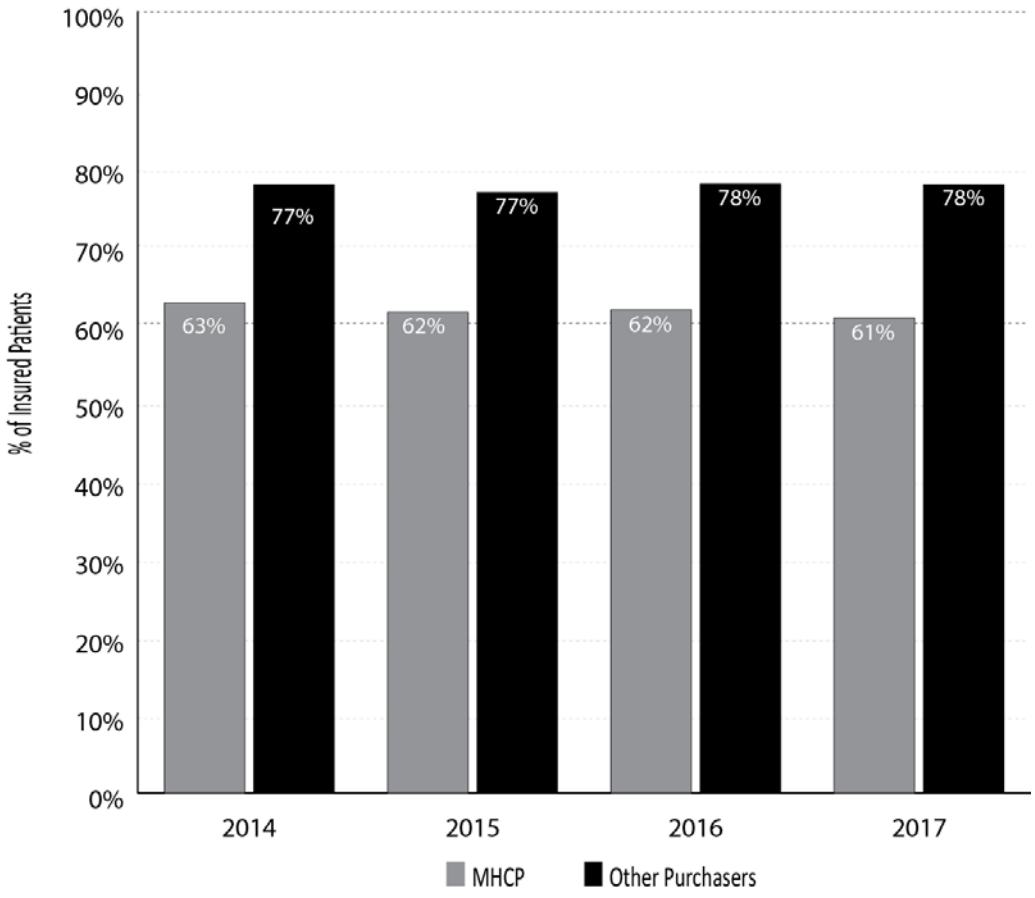
Breast Cancer Screening

Breast cancer is the second leading cause of cancer death in women, regardless of race or ethnicity. Screening can help improve outcomes and reduce costs. The US Preventive Services Task Force recommends screening for breast cancer in women aged 50 to 74 years.

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

From 2014 to 2017, the percentage of MHCP patients who received a mammogram decreased by almost one percentage point, but this was not statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 6** below for Breast Cancer Screening rates for MHCP and Other Purchasers over time.

Figure 6: Statewide Rates for Breast Cancer Screening Over Time



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 factors.

MHCP patients continue to have a significantly lower Breast Cancer Screening rate than patients insured by Other Purchasers. This year, the statewide MHCP rate for Breast Cancer Screening was 61 percent and the rate for Other Purchasers was 78 percent. **Table 7** displays statewide rates for each purchaser since measure implementation.

Table 7: Statewide Rates for Breast Cancer Screening

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator	Other Purchaser Rate	Difference (Other-MHCP)
2017	60.8%	60.2% - 61.4%	23,204	77.8%	17.0%**
2016	61.8%	61.2% - 62.4%	24,511	77.9%	16.1%**
2015	61.5%	60.8% - 62.2%	21,143	76.8%	15.3%**
2014	62.7%	61.9% - 63.5%	14,275	77.0%	14.3%**

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

The difference between purchasers for Breast Cancer Screening widened by almost one percentage point from 2016 to 2017, but this was not statistically significant.

Moderate Decrease in MHCP Rate from 2016 to 2017

Optimal Diabetes Care

According to the Centers for Disease Control and Prevention (CDC), over 30 million adults aged 18 and older (12.2 percent of all U.S. adults) had diabetes in 2015. The percentage of adults with diabetes increases with age, reaching a high of 25 percent among people over 65 years of age. According to the American Diabetes Association, diabetes care that includes emphasis on blood pressure, lipids, glucose, aspirin use and non-use of tobacco will maximize health outcomes.

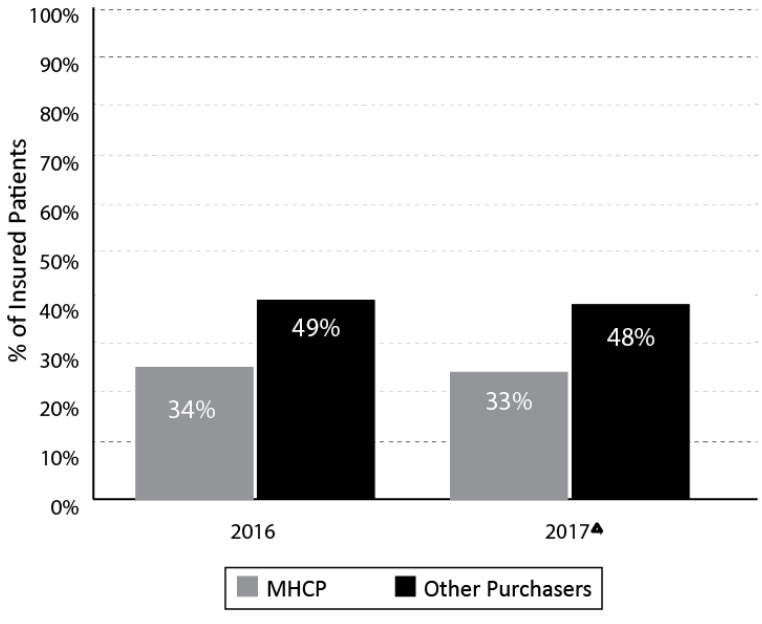
The Optimal Diabetes Care measure evaluates the percentage of patients with diabetes (Type I and Type II) ages 18-75 who reached all five of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- Hemoglobin A1c (HBA1c) less than 8
- On a statin medication, unless allowed contraindications or exceptions are present
- Documented tobacco-free status
- Daily aspirin use for patients with a co-morbidity of Ischemic Vascular Disease (unless contraindicated)

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

From 2016 to 2017, the percentage of MHCP patients whose diabetes was optimal decreased by one percentage point and this was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 7** below for Optimal Diabetes Care for MHCP and Other Purchasers over time.

Figure 7: Statewide Rates for Optimal Diabetes Care Over Time



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 factors.
▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

For Optimal Diabetes Care in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Diabetes Care for MHCP patients was 33 percent; the rate for patients enrolled with Other Purchasers was 48 percent. **Table 8** displays statewide rates for each purchaser since measure implementation.

Table 8: Statewide Rates for Optimal Diabetes Care

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2017	32.5%	32.1% - 33.0%	45,023	47.6%	15.1%**
2016	33.6%	33.2% - 34.1%	36,757	48.9%	15.3%**

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

Optimal Asthma Control – Adults Ages 18-50

According to the CDC, about 25 million American have asthma. This is 7.6 percent of adults and 8.4 percent of children. Asthma has been increasing since the early 1980s in all age, sex and racial groups.

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

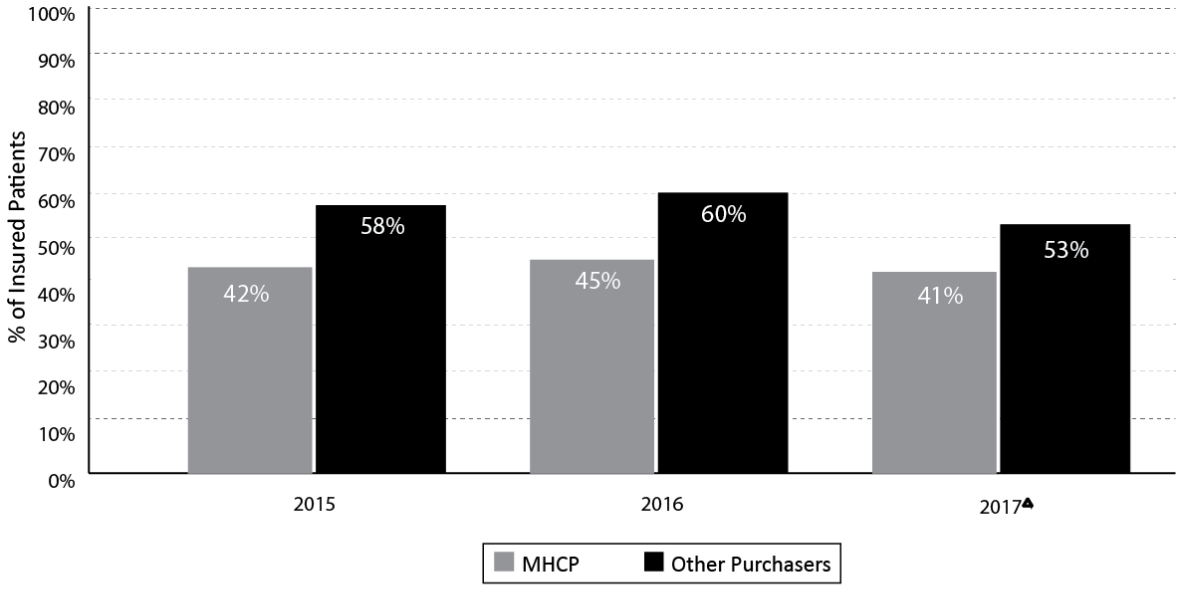
- Evidence of well-controlled asthma using a validated asthma control tool,
- Not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations due to asthma,

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

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

From 2016 to 2017, the percentage of MHCP adult patients whose asthma was under control decreased by four percentage points and this was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 8** below for Optimal Asthma Control – Adults Ages 18-50 for MHCP and Other Purchasers over time.

Figure 8: Statewide Rates for Optimal Asthma Control – Adults Ages 18-50 Over Time



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 factors.

▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

For Optimal Asthma Control – Adults Ages 18-50 in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Asthma Control – Adults Ages 18-50 for MHCP patients was 41 percent; the rate for patients enrolled with Other Purchasers was 53 percent. **Table 9** displays statewide rates for each purchaser since measure implementation**.**

Table 9: Statewide Rates for Optimal Asthma Control – Adults Ages 18-50

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2017	40.5%	40.0% - 41.0%	33,142	53.3%	12.8%**
2016	44.6%	43.8% - 45.4%	16,009	60.0%	15.4%**
2015	41.7%	40.9% - 42.5%	14,732	57.8%	16.5%**

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

Every year has displayed a statistically significant difference between purchasers; however, the gap has narrowed significantly since 2015.

Large Decrease in MHCP Rate from 2016 to 2017

Optimal Vascular Care

Cardiovascular disease (CVD) is the leading cause of death for men and women in the United States. Considering the overall toll of cardiovascular disease, measures that assess clinical care performance are vital to reducing the negative impacts of CVD.

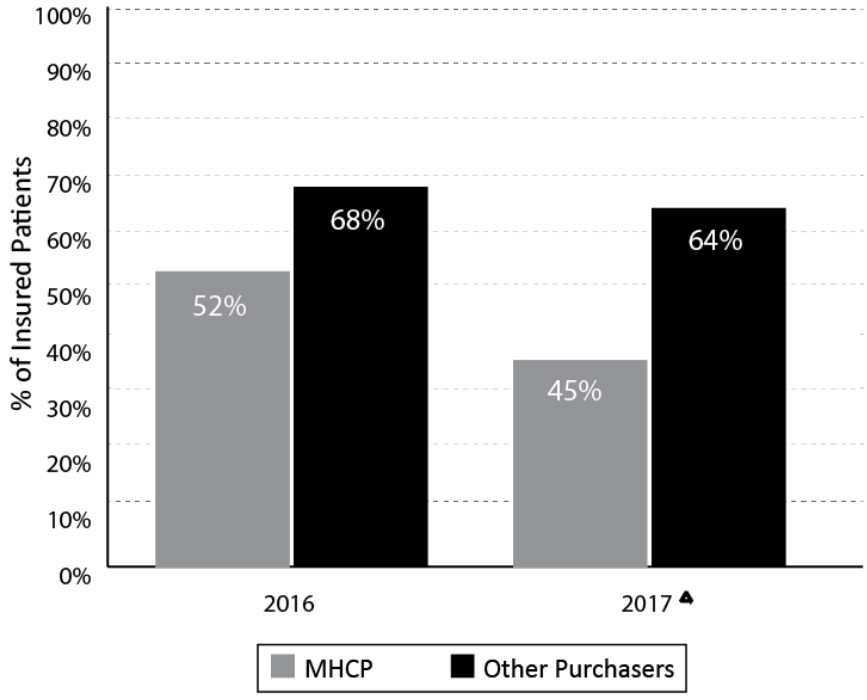
The Optimal Vascular Care measure evaluates the percentage of patients ages 18-75 with a diagnosis of vascular disease who have reached all four of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- On a statin medication, unless allowed contraindications or exceptions are present
- Documented tobacco-free status
- Daily aspirin use

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

From 2016 to 2017, the percentage of MHCP patients whose vascular disease was optimal decreased by seven percentage points and this was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 9** below for Optimal Vascular Care for MHCP and Other Purchasers over time.

Figure 9: Statewide Rates for Optimal Vascular Care Over Time



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 factors.
▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

For Optimal Vascular Care in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Vascular Care for MHCP patients was 45 percent; the rate for patients enrolled with Other Purchasers was 64 percent. **Table 10** displays statewide rates for each purchaser since measure implementation.

Table 10: Statewide Rates for Optimal Vascular Care

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2017	45.1%	44.4% - 45.8%	18,307	63.6%	18.5%**
2016	52.3%	51.4% - 53.2%	11,374	68.2%	15.9%**

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

Optimal Asthma Control – Children Ages 5-17

According to the CDC, about 25 million American have asthma. This is 7.6 percent of adults and 8.4 percent of children. Asthma has been increasing since the early 1980s in all age, sex, and racial groups.

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

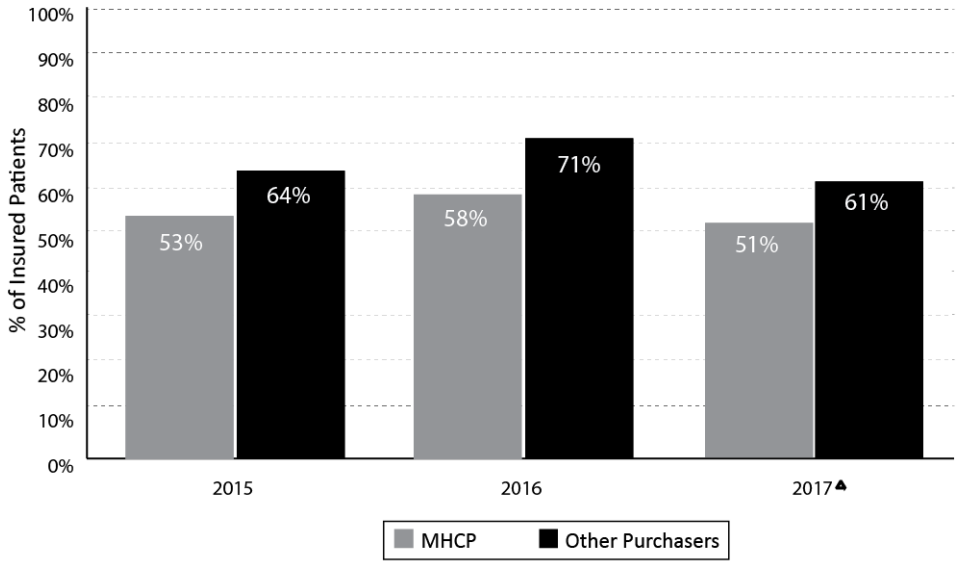
- Evidence of well-controlled asthma using a validated asthma control tool,
- Not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations due to asthma

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

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

From 2016 to 2017, the percentage of MHCP patients whose asthma was under control decreased by seven percentage points and this was statistically significant. In 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. See **Figure 10** below for Optimal Asthma Control – Children Ages 5-17 for MHCP and Other Purchasers over time.

Figure 10: Statewide Rates for Optimal Asthma Control – Children Ages 5-17 Over Time



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 factors.

▲The criteria for including patients in the measure denominator changed in 2017. This change may have contributed to the change in statewide rates for these measures.

For Optimal Asthma Control – Children Ages 5-17 in 2017, MHCP patients had a significantly lower rate than Other Purchaser patients. The statewide rate for Optimal Asthma Control – Children Ages 5-17 for MHCP patients was 51 percent; the rate for patients enrolled with Other Purchasers was 61 percent. **Table 11** displays statewide rates for each purchaser since measure implementation

Table 11: Statewide Rates for Optimal Asthma Control – Children Ages 5-17

Year	MHCP Rate	MHCP CI (U/L)	MHCP Denominator (Patients Sampled)	Other Purchaser Rate	Difference (Other-MHCP)
2017	51.0%	50.4% - 51.6%	25,272	61.1%	10.1%**
2016	58.3%	57.5% - 59.0%	15,438	70.5%	12.3%**
2015	53.0%	52.1% - 53.8%	13,689	63.8%	10.8%**

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

The difference between purchasers for Optimal Asthma Control – Children Ages 5-17 narrowed by over two percentage points from 2016 to 2017, which is statistically significant. However, this difference did not change significantly from 2015 to 2017.

Medical Group/Clinic Level Performance Results
Childhood Immunization Status (Combo 10) by Medical Group

For the 2017 report year, 22 medical groups were reportable for the Childhood Immunization Status (Combo 10) 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 22 medical groups accounted for 2,176 of the 3,163 MHCP patients (69 percent) who were eligible for this measure statewide, and the 22 reportable medical groups accounted for 22 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, **HealthEast Clinics,** achieved best practice with 59 percent of their MHCP patients; while the least successful, **St. Luke's Clinics** had no patients who achieved best practice. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2017

Eight medical groups had rates and confidence intervals greater than the statewide medical group average (39 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- HealthEast Clinics
- Mankato Clinic, Ltd.
- Mayo Clinic Health System-Owatonna
- Mayo Clinic
- HealthPartners Clinics
- Sanford Health - Sioux Falls Region
- CentraCare Health
- Allina Health

Largest Improvement from 2016 to 2017

The measure specification was revised this year to Combo 10, which includes three additional vaccines: pneumococcal conjugate (PCV), rotavirus, and influenza. Due to this change, no trend data is available for this measure this year.

Medical Group Performance over Time (2015 to 2017)

The measure specification was revised this year to Combo 10, which includes three additional vaccines: pneumococcal conjugate (PCV), rotavirus, and influenza. Due to this change, no trend data is available for this measure this year.

Controlling High Blood Pressure by Medical Group

For the 2017 report year, 58 medical groups were reportable for the Controlling High Blood Pressure measure because they had at least 60 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 58 medical groups accounted for 8,374 of the 9,871 MHCP patients (85 percent) who were eligible for this measure statewide, and the 58 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 for this measure, **Entira Family Clinics,** achieved best practice with 89 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 28 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 2017

Fourteen medical groups had rates and confidence intervals greater than the statewide medical group average (72 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest performance.

- Entira Family Clinics
- Mayo Clinic Health System - Mankato
- CentraCare Health
- Sanford Health - Fargo Region
- HealthPartners Clinics
- Allina Health

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Controlling High Blood Pressure was made by **University of Minnesota Physicians**, which achieved a 26 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

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

Colorectal Cancer Screening by Clinic

For the 2017 report year, 531 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 531 clinics accounted for 114,324 of the 118,418 MHCP patients (97 percent) who were eligible for this measure statewide, and the 531 reportable clinics accounted for 75 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful clinic for this measure, **Obstetrics, Gynecology and Infertility - Edina**, achieved best practices with 92 percent of their MHCP patients; while the least successful, **AXIS Medical Center,** achieved it with only one percent of their MHCP patients. A detailed table of clinic level performance rates can be found in Appendix 3.

Clinics with Above Average MHCP Rates in Report Year 2017

One hundred forty-three clinics had rates and confidence intervals greater than the statewide average (56 percent) for MHCP patients. These clinics are listed below in order from high to low performance for each column, and from highest in the left column to lowest in the right column.

- Obstetrics, Gynecology and Infertility - Edina
- Obstetrics, Gynecology and Infertility - Maple Grove
- CentraCare Health Plaza-Internal Medicine
- CentraCare Health- Long Prairie
- Hennepin County Medical Center (HCMC) Clinics - Golden Valley Clinic
- CentraCare Health Plaza-Obstetrics and Women's Clinic
- Allina Health Specialties - Abbott Northwestern General Medicine Associates - Edina
- Allina Health - Chanhassen
- Sanford Bemidji Main Clinic - Internal Medicine
- HealthPartners - Ctr for Internatl Hlth
- Mayo Clinic Health System Faribault Campus Location
- Allina Health - Sharpe Dillon Cockson & Associates
- Fairview Rogers Clinic
- Sanford Hawley Clinic
- Mayo Clinic Health System-Franciscan Healthcare in LaCrescent
- Associates In Women's Health - Edina
- HealthPartners - West
- Lakewood Health System - Motley Clinic
- University of Minnesota Health - Fairview Maple Grove Medical Center
- Sanford Blackduck Clinic
- Fairview Prior Lake Clinic
- Allina Health - Buffalo
- Sanford Sioux Falls Internal Medicine Clinic
- CentraCare Health- Sauk Centre
- Perham Health New York Mills Clinic
- Tri-County Health Care - Bertha Clinic
- Diamond Women's Center
- Southdale Obstetric and Gynecology Consultants-Edina
- Fairview Crosstown Clinic
- CentraCare Clinic - St. Joseph
- Sanford Aberdeen Clinic
- Fairview Farmington Clinic
- EH East Deer River Clinic
- Fairview Uptown Clinic
- Fairview Andover Clinic
- CentraCare River Campus-Internal Medicine
- Allina Health - Eagan
- Fairview Apple Valley Clinic
- Mayo Clinic - Speciality Practice
- CentraCare Health Paynesville- Richmond
- Allina Health - Centennial Lakes
- Mayo Clinic Health System Le Sueur
- EH Central Crosslake Clinic
- HealthPartners - Hlth Ctr for Women
- Ortonville Area Health Services-Northside Medical Clinic
- University of Minnesota Health - Primary Care Center
- HealthPartners - University Ave
- Fairview Eagan Clinic
- Allina Health - Uptown
- Sanford Canby Clinic
- Fairview Zimmerman Clinic
- Mayo Clinic Health System Fairmont
- CentraCare Clinic - Northway
- Fairview Burnsville Clinic
- CentraCare Health-Monticello Medical Group
- University of Minnesota Health - Women's Health Specialists Clinic
- Allina Health - Vadnais Heights
- Fairview Brooklyn Park Clinic
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Allina Health - Plymouth
- Sanford Health Detroit Lakes Clinic
- Park Nicollet Clinic - Champlin
- Fairview Elk River Clinic

- Mayo Clinic Health System New Prague
- Fairview Riverside Integrated Primary Care
- Allina Health - Forest Lake
- Park Nicollet Clinic - Golden Valley
- Allina Health - Edina
- Centracare Clinic-Albany
- Mayo Clinic Health System Mankato Northridge
- Fairview New Brighton Clinic
- Fairview Hugo Clinic
- HealthPartners - White Bear Lake
- Fairview Fridley Clinic
- Sanford Fargo Southpointe Clinic - Internal Medicine
- Allina Health - Cokato
- Fairview Princeton Clinic
- Allina Health - Richfield
- HealthPartners - Arden Hills
- Mankato Clinic - Daniel's Health Center
- Park Nicollet Clinic - Wayzata
- Allina Health - Champlin
- Mayo Clinic Health System Springfield
- Park Nicollet Clinic - Prairie Center
- Allina Health - Farmington
- Allina Health - Shoreview
- Oakdale Obstetrics & Gynecology, PA - Maple Grove
- EH East Lakeside Clinic
- Allina Health - Burnsville
- Allina Health - Chaska
- Mayo Clinic Health System-Franciscan Healthcare in Caledonia
- Sanford Bemidji Main Clinic - Family Medicine
- Park Nicollet Clinic - Eagan
- Allina Health - Brooklyn Park
- Allina Health - Nicollet Mall
- Fairview Bass Lake Clinic
- Perham Health Clinic
- Mayo Clinic - Northeast
- Mayo Clinic Health System Waseca
- Fairview Rush City Clinic
- Fairview Milaca Clinic
- Mayo Clinic Health System Mankato Eastridge
- EH Central Baxter Clinic
- Fairview EdenCenter Clinic
- Mayo Clinic - Baldwin Building, Family Medicine
- North Memorial Clinic - New Hope
- Park Nicollet Clinic - Shakopee
- EH East Duluth Clinic 1st St
- Allina Health - Blaine
- HealthPartners - Lino Lakes
- Fairview Columbia Heights Clinic
- Allina Health - Isles
- EH East Northern Pines Clinic
- Fairview Bloomington Lake Xerxes
- Sanford Moorhead Clinic - Family Medicine
- Fairview Hiawatha Clinic
- Allina Health - Ramsey
- Avera - Pipestone County Medical Center
- Alexandria Clinic, A Service of Douglas County Hospital
- EH Central Brainerd Clinic
- EH West Detroit Lakes Clinic
- HealthPartners - Brooklyn Center
- North Memorial Clinic - Plymouth City Center
- Mayo Clinic - Baldwin Building, Primary Care Internal Medicine
- HealthPartners - Inver Grove Heights
- HealthPartners - Elk River
- EH East Hermantown Clinic
- Allina Health - Cambridge
- Fairview Oxboro Clinic
- Mayo Clinic Health System Owatonna
- Sanford Health Alexandria Broadway Clinic
- Allina Health Specialties - New Ulm Medical Center
- Allina Health - West St. Paul
- Allina Health - Bandana Square
- Allina Health - Northfield
- Fairview Chisago Lakes Clinic
- Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic
- HealthPartners - Maplewood
- Riverwood Aitkin Clinic
- Stillwater Medical Group - Curve Crest Clinic
- HealthPartners - Coon Rapids
- Allina Health - Coon Rapids
- Allina Health - Faribault

Largest Improvement from 2016 to 2017

The largest clinic level improvement since report year 2016 in Colorectal Cancer Screening was made by **Hennepin County Medical Center (HCMC) Clinics - Golden Valley Clinic**, which achieved a 33 percentage point increase for their MHCP patients.

Colorectal Cancer Screening by Medical Group

For the 2017 report year, 100 medical groups were reportable for the Colorectal Cancer Screening measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 101 medical groups accounted for 116,135 of the 118,418 MHCP patients (98 percent) who are eligible for this measure statewide, and the 100 reportable medical groups accounted for 81 percent of medical groups providing care to MHCP patients in Minnesota who submitted data to MNCM for this measure.

The most successful medical group for this measure, **Obstetrics and Gynecology Associates**, achieved best practice with 85 percent of their MHCP patients; while the least successful medical group, **Axis Medical Center**, achieved best practice with only one 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 2017

Eighteen medical groups had rates and confidence intervals greater than the statewide average (56 percent) for MHCP patients. These medical groups are listed below in order from high to low performance for each column.

- Obstetrics and Gynecology Associates
- Southdale Ob/Gyn Consultants
- Ortonville Area Health Services-Northside Medical Clinic
- Oakdale Ob/Gyn
- Fairview Health Services
- Mayo Clinic
- Alexandria Clinic
- Allina Health Clinics
- Lakewood Health System
- Sanford Health - Fargo Region
- HealthPartners Clinics
- Allina Health Specialties
- Mankato Clinic, Ltd.
- Mayo Clinic Health System
- CentraCare Health
- Essentia Health
- Sanford Health - Sioux Falls Region
- Park Nicollet Health Services

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Colorectal Cancer Screening was made by **Open Door Health Center**, which achieved a 17 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015-2017)

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

Chlamydia Screening in Women by Medical Group

For the 2017 report year, 72 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 72 medical groups accounted for 16,654 of the 19,461 MHCP patients (86 percent) who were eligible for this measure statewide, and the 72 reportable medical groups accounted for 47 percent of medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group in this measure, **Face to Face Health & Counseling Service, Inc.**, achieved best practice with 85 percent of their MHCP patients; while the least successful, **Glencoe Regional Health Services**, achieved it with only nine percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2017

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 Service, Inc.
- Planned Parenthood Minnesota, North Dakota, South Dakota
- HealthPartners Clinics
- NorthPoint Health & Wellness Center
- Obstetrics and Gynecology Associates
- Allina Health
- Park Nicollet Health Services
- Hennepin County Medical Center (HCMC) Clinics
- Entira Family Clinics
- Fairview Medical Group
- CentraCare Health

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Chlamydia Screening in Women was made by **Alexandria Clinic**, which achieved a 24 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

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

Depression Remission at Six Months by Clinic

For the 2017 report year, 277 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 277 clinics accounted for 21,691 of the 25,551 MHCP patients (85 percent) who were eligible for this measure statewide, and the 277 reportable clinics accounted for 45 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful clinic for this measure, **Entira Family Clinics - West St. Paul**, achieved remission at six months with 32 percent of their MHCP patients. Fifty-five 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 2017

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

- Entira Family Clinics - West St. Paul
- Park Nicollet Clinic - Plymouth
- Park Nicollet Clinic - Bloomington
- CentraCare Health- Sauk Centre
- Mayo Clinic - Northwest
- Park Nicollet Clinic - Shakopee
- Allina Health - Farmington
- Boynton Health Service
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Park Nicollet Clinic - Minneapolis
- Sanford Moorhead Clinic - Behavioral Health
- HealthPartners - Bloomington
- HealthPartners - White Bear Lake
- Park Nicollet Clinic - Prior Lake
- CentraCare Health- Melrose
- Park Nicollet Clinic - Eagan
- Fairview Milaca Clinic
- Sanford Health Detroit Lakes Clinic
- Allina Health - Forest Lake
- CentraCare Clinic- Big Lake
- Perham Health Clinic
- Allina Health - Faribault
- Fairview Hiawatha Clinic
- Allina Health - Buffalo
- Allina Health - First Street
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Allina Health - Northfield
- Olmsted Medical Center - Rochester Southeast - Psychiatry
- Allina Health - West St. Paul
- Allina Health - Cambridge
- Park Nicollet Clinic - Psychiatry

Largest Improvement from 2016 to 2017

The largest clinic improvement since report year 2016 in Depression Remission at Six Months was made by **Park Nicollet Clinic - St. Louis Park Internal Medicine**, achieving a 13 percentage point increase for their MHCP patients.

Appropriate Treatment for Children with URI by Medical Group

For the 2017 report year, 84 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 84 medical groups accounted for 16,117 of the 18,978 MHCP patients (85 percent) who are eligible for this measure statewide, and the 84 reportable medical groups accounted for 54 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: **North Clinic, United Family Medicine, Cedar Riverside People's Center, South Lake Pediatrics, West Side Community Health Services, MinuteClinic, FirstLight Health System,** and **Mayo Clinic Health System – St. James**. The least successful medical group, **RiverView Health**, achieved best practice with 55 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 2017

Fifteen medical groups had rates and confidence intervals greater than the statewide medical group average (93 percent) for MHCP patients. These medical groups are listed below in order from high to low performance for each column.

- United Family Medicine
- South Lake Pediatrics
- West Side Community Health Services
- MinuteClinic
- FirstLight Health System
- Stellis Health, PA
- University of Minnesota Physicians
- HealthEast Clinics
- Hennepin County Medical Center (HCMC) Clinics
- HealthPartners Clinics
- Park Nicollet Health Services
- Children's Clinic Network
- Emergency Physicians, P.A.
- Allina Health
- Fairview Medical Group

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Appropriate Treatment for Children with URI was made by **Tri-County Health Care,** which achieved an 11 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015-2017)

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

Breast Cancer Screening by Medical Group

For the 2017 report year, 64 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 64 medical groups accounted for 15,602 of the 21,412 MHCP patients (73 percent) who were eligible for this measure statewide, and the 64 reportable medical groups accounted for 47 percent of the medical groups providing care to MHCP patients in Minnesota who have been identified through health plan claims data for this measure.

The most successful medical group for this measure, **Alexandria Clinic**, achieved best practice with 85 percent of their MHCP patients; while the least successful, **Advanced Medical Clinic**, achieved it with 15 percent of their MHCP patients. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2017

Twenty-one medical groups had rates and confidence intervals greater than the statewide medical group average (63 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest.

- Alexandria Clinic
- Mayo Clinic Health System - Waseca
- Mayo Clinic Health System - Lake City
- Multicare Associates
- Tri-County Health Care
- Stellis Health, PA
- HealthPartners Clinics
- Mayo Clinic Health System-Owatonna
- NorthPoint Health & Wellness Center
- Mayo Clinic Health System - Mankato
- Mayo Clinic
- Allina Health
- Mayo Clinic Health System - Red Wing
- Affiliated Community Medical Centers
- Fairview Medical Group
- Mankato Clinic, Ltd.
- Sanford Health - Fargo Region
- HealthEast Clinics
- Essentia Health
- CentraCare Health
- Park Nicollet Health Services

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Breast Cancer Screening was made by **Lake Region Healthcare**, which achieved a 16 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

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

Optimal Diabetes Care by Clinic

For the 2017 report year, 369 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 369 clinics accounted for 41,546 of the 45,130 MHCP patients (92 percent) who were eligible for this measure statewide, and the 369 reportable clinics accounted for 58 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful clinic in this measure, **Fairview Bloomington Lake Xerxes** achieved optimal care with 63 percent of their MHCP patients; while the least successful, **Prairie Ridge Hospital & Health Services - Elbow Lake**, achieved it with three 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 2017

Fifty-five clinics had rates and confidence intervals that were greater than the statewide average (33 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 Bloomington Lake Xerxes
- Fairview EdenCenter Clinic
- Fairview Rosemount Clinic
- Fairview Blaine Clinic
- CentraCare River Campus-Internal Medicine
- Fairview Eagan Clinic
- Fairview Highland Park Clinic
- Fairview Crosstown Clinic
- HealthEast Roseville Clinic
- Sanford Health Pierre Clinic
- Allina Health - Blaine
- North Memorial Clinic - Plymouth City Center
- Sanford Health Vermillion Clinic
- HealthPartners - Ctr for Internatl Hlth
- Allina Health - Eagan
- Fairview North Branch Clinic
- HealthPartners - West
- Fairview Elk River Clinic
- Sanford Fargo Southpointe Clinic - Family Medicine
- HealthPartners - Elk River
- Fairview Oxboro Clinic
- Mayo Clinic Health System Faribault Hwy 60
- HealthPartners - Arden Hills
- Fairview Burnsville Clinic
- Fairview Bloomington Lake Minneapolis
- Mayo Clinic Health System St. Peter
- HealthPartners - Coon Rapids
- Fairview Fridley Clinic
- Entira Family Clinics - Woodbury
- Park Nicollet Clinic - Shakopee
- Fairview Andover Clinic
- Allina Health - Farmington
- Fairview Apple Valley Clinic
- HealthPartners - Eagan
- HealthPartners - Riverside
- Fairview Hiawatha Clinic
- Fairview Brooklyn Park Clinic
- Park Nicollet Clinic - Burnsville
- Allina Health - Edina
- Entira Family Clinics - East Side
- HealthPartners - Brooklyn Center
- Apple Valley Medical Clinic - Family Practice
- Fairview Lakes Medical Center
- CentraCare Health Plaza-Family Medicine
- Allina Health - Maplewood
- Allina Health - Coon Rapids
- Fairview New Brighton Clinic
- Mayo Clinic Health System Mankato Eastridge
- Park Nicollet Clinic - Brookdale
- Mayo Clinic Health System Red Wing
- HealthPartners - Woodbury
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Allina Health - Faribault
- Mayo Clinic Health System Owatonna
- Mayo Clinic - Baldwin Building, Primary Care Internal Medicine

Largest Improvement from 2016 to 2017

The largest clinic level improvement since report year 2016 in Optimal Diabetes Care was made by **Fairview Bloomington Lake Xerxes**, which achieved a 27 percentage point increase for their MHCP patients.

Optimal Diabetes Care by Medical Group

For the 2017 report year, 74 medical groups were reportable for the Optimal Diabetes Care measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 74 medical groups accounted for 44,759 of the 45,130 MHCP patients (99 percent) who were eligible for this measure statewide, and the 74 reportable medical groups accounted for 76 percent of medical groups providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful medical group in this measure, **Fairview Health Services**, achieved optimal care with 45 percent of their MHCP patients, while the least successful, **Lakewood Health Center Clinic**, achieved it with less than seven 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 2017

Eight medical groups had rates and confidence intervals greater than the statewide average (33 percent) for MHCP patients. These medical groups are listed below in order of highest to lowest performance.

- Fairview Health Services
- Apple Valley Medical Clinic
- Entira Family Clinics
- Sanford Health - Sioux Falls Region
- Park Nicollet Health Services
- Allina Health Clinics
- HealthPartners Clinics
- Mayo Clinic Health System

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Optimal Diabetes Care was made by **Southside Community Health Services**, which achieved a 14 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

The measure specification was revised in 2016 to include the statin use component in the measure calculation. Due to this change, no trend data is available for this measure this year.

Optimal Asthma Control – Adults Ages 18-50 by Clinic

For the 2017 report year, 323 clinics were reportable for the Optimal Asthma Control – Adults Ages 18-50 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 323 clinics accounted for 29,102 of the 33,142 MHCP patients (88 percent) who were eligible for this measure statewide, and the 323 reportable clinics accounted for 48 percent of clinics providing care to MHCP patients ages 18-50 in Minnesota and surrounding areas who submitted data to MNCM 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, **Park Nicollet Clinic - Golden Valley**, achieved optimal care with 79 percent of their MHCP patients ages 18-50. There were fourteen clinics that tied for having no MHCP patients age 18-50 achieved optimal asthma control. A detailed table of clinic level performance rates can be found in Appendix 3.

Clinics with Above Average MHCP Rates in Report Year 2017

One hundred and twelve clinics had rates and confidence intervals that were greater than the statewide average (40 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.

- Park Nicollet Clinic - Golden Valley
- Fairview Chisago Lakes Clinic
- Allina Health - Savage
- CentraCare Health Plaza-Pediatrics
- Park Nicollet Clinic - Shakopee
- Fairview Rosemount Clinic
- Allina Health - Eagan
- Fairview Riverside Integrated Primary Care
- Allina Health - Farmington
- HealthPartners - Andover
- HealthPartners Central Minnesota Clinics
- Fairview Lino Lakes Clinic
- Entira Family Clinics - White Bear Lake/Banning Ave
- Fairview Lakes Medical Center
- Park Nicollet Clinic - Prior Lake
- Fairview Prior Lake Clinic
- Fairview Zimmerman Clinic
- Fairview Highland Park Clinic
- Allina Health - Buffalo
- Allina Health - Shakopee
- HealthPartners - Lino Lakes
- Fairview Bloomington Lake Minneapolis
- Allina Health - Cokato
- CentraCare Clinic - Northway
- Park Nicollet Clinic - Champlin
- Allina Health - St. Michael
- Mankato Clinic - North Mankato
- Fairview Hiawatha Clinic
- Allina Health - Plymouth
- Allina Health - Annandale
- Allina Health - Uptown
- Fairview Bloomington Lake Xerxes
- Fairview Apple Valley Clinic
- Fairview Princeton Clinic
- HealthPartners - Elk River
- Allina Health - Northfield
- Fairview New Brighton Clinic
- Fairview Uptown Clinic
- Fairview EdenCenter Clinic
- HealthPartners - Eagan
- Allina Health - Chaska
- Fairview Brooklyn Park Clinic
- HealthPartners - Coon Rapids
- Allina Health - Blaine
- Fairview North Branch Clinic
- Allina Health - Prescott
- Mayo Clinic Health System St. Peter
- HealthPartners - Nokomis
- Fairview Elk River Clinic
- North Memorial Clinic - Golden Valley Physicians
- Fairview Bass Lake Clinic
- Allina Health - First Street
- Allina Health - Maple Grove
- Allina Health - Richfield
- Mankato Clinic - Daniel's Health Center
- Park Nicollet Clinic - St. Louis Park Internal Medicine

- Fairview Rogers Clinic
- Park Nicollet Clinic - Prairie Center
- Fairview Blaine Clinic
- Allina Health - Shoreview
- Allina Health - Hopkins
- Fairview Columbia Heights Clinic
- Park Nicollet Clinic - Carlson
- HealthPartners - Maplewood
- Fairview Fridley Clinic
- Allina Health - Highland Park
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Allina Health - Faribault
- HealthPartners - Arden Hills
- Affiliated Community Medical Centers - Litchfield Clinic (East)
- Fairview Eagan Clinic
- Allina Health - Dean Lakes
- Fairview Burnsville Clinic
- EH East Hayward Clinic
- Park Nicollet Clinic - Eagan
- HealthPartners - White Bear Lake
- FirstLight Health System - Mora
- Allina Health - Ramsey
- Fairview Andover Clinic
- Allina Health - Maplewood
- Campus
- Allina Health - West St. Paul
- Park Nicollet Clinic - Bloomington
- EH East Deer River Clinic
- Allina Health - Cottage Grove
- Allina Health - Forest Lake
- Affiliated Community Medical Centers - Redwood Falls Clinic
- Allina Health - Brooklyn Park
- Allina Health - Coon Rapids
- Allina Health - Elk River
- Fairview Riverside Family Practice
- North Memorial Clinic - Brooklyn Park Physicians
- Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic
- Allina Health - Inver Grove Heights
- Allina Health Specialties - New Ulm Medical Center
- Allina Health - Fridley
- Mayo Clinic Health System Austin
- EH East Superior Clinic
- Mankato Clinic - Main Street
- Park Nicollet Clinic - Maple Grove
- HealthPartners - Brooklyn Center
- HealthPartners - Riverside
- Affiliated Community Medical Centers- Marshall Clinic
- Allina Health - Cambridge
- HealthPartners - Apple Valley
- Allina Health - Bloomington
- HealthPartners - St Paul
- Park Nicollet Clinic - Burnsville
- Affiliated Community Medical Centers - Willmar Clinic
- EH East Duluth Clinic 1st St
- Allina Health - Bandana Square

Largest Improvement from 2016 to 2017

The largest clinic level improvement since report year 2016 in Optimal Asthma Control - Adults was made by **Park Nicollet Clinic - Prior Lake**, which achieved a 29 percentage point increase for their MHCP patients.

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

For the 2017 report year, 71 medical groups were reportable for the Optimal Asthma Control – Adults Ages 18-50 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 71 medical groups accounted for 32,621 of the 33,142 MHCP patients (98 percent) who were eligible for this measure statewide, and the 71 reportable medical groups accounted for 62 percent of medical groups providing care to MHCP patients ages 18-50 in Minnesota and surrounding areas who submitted data to MNCM 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, **South Lake Pediatrics**, achieved optimal asthma control with 81 percent of their MHCP patients ages 18-50. There were six medical groups that tied for having no MHCP patients ages 18-50 who achieved optimal asthma care. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2017

Fifteen medical groups had rates and confidence intervals greater than the statewide average (40 percent) for MHCP patients ages 18-50. These medical groups are listed below in order of highest to lowest performance.

- South Lake Pediatrics
- HealthPartners Central Minnesota Clinics
- Fairview Health Services
- Children's Respiratory & Critical Care Specialists
- Mankato Clinic, Ltd.
- Allina Health Clinics
- Park Nicollet Health Services
- Sanford Health - Sioux Falls Region
- FirstLight Health System
- HealthPartners Clinics
- Affiliated Community Medical Centers
- Entira Family Clinics
- CentraCare Health
- Mayo Clinic Health System
- Essentia Health

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Optimal Asthma Control - Adults was made by **Riverwood Healthcare Center**, which achieved a 34 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

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

Optimal Vascular Care by Clinic

For the 2017 report year, 180 clinics were reportable for the Optimal Vascular Care measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 107 clinics accounted for 13,521 of the 18,307 MHCP patients (74 percent) who were eligible for this measure statewide, and the 107 reportable clinics accounted for 17 percent of clinics providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful clinic for this measure, **Fairview Crosstown Clinic**, achieved optimal care with 77 percent of their MHCP patients; while the least successful, **Community-University Health Care Center**, achieved it with 21 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 2017

Twenty clinics had rates and confidence intervals greater than the statewide clinic average (45 percent) for MHCP patients. These clinics are listed below in order from highest to lowest performance.

- Fairview Crosstown Clinic
- Entira Family Clinics - East Side
- Sanford Health Vermillion Clinic
- Fairview Eagan Clinic
- Fairview Oxboro Clinic
- HealthPartners - Ctr for Internatl Hlth
- University of Minnesota Heart Care at Fairview Ridges Specialty Care Center
- CentraCare Health Plaza-Family Medicine
- Fairview Fridley Clinic
- HealthPartners - Como
- Fairview Brooklyn Park Clinic
- University of Minnesota Heart Care at Fairview Southdale Hospital
- Fairview Burnsville Clinic
- HealthEast Rice Street Clinic
- University of Minnesota Health Heart Care at University of Minnesota Medical Center
- Sanford Sioux Falls Cardiovascular Institute
- Allina Health Specialties - United Heart and Vascular Clinic
- Allina Health Specialties - Metropolitan Heart & Vascular Inst. - Coon Rapids
- Allina Health - Coon Rapids
- Allina Health Specialties - Minneapolis Heart Institute - ANW

Largest Improvement from 2016 to 2017

The largest clinic level improvement since report year 2016 in Optimal Vascular Care was made by **Fairview Eagan Clinic**, which achieved a 23 percentage point increase for their MHCP patients.

Optimal Vascular Care by Medical Group

For the 2017 report year, 54 medical groups were reportable for the Optimal Vascular Care measure because they had at least 30 patients that met measure specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 42 medical groups accounted for 17,965 of the 19,307 MHCP patients (93 percent) who were eligible for this measure statewide, and the 54 reportable medical groups accounted for 58 percent of medical groups providing care to MHCP patients in Minnesota and surrounding areas who submitted data to MNCM for this measure.

There was wide variation in the success of medical groups to achieve optimal vascular care with their MHCP patients. The most successful medical group for this measure, **Fairview Health Services**, achieved optimal care with 59 percent of their MHCP patients; while, the least successful, **Open Cities Health Center**, achieved it with only twenty 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 2017

Five medical groups had rates and confidence intervals greater than the statewide medical group average (45 percent) for MHCP patients. These medical groups are listed below in order from highest to lowest performance.

- Fairview Health Services
- Allina Health Specialties
- Mayo Clinic
- University of Minnesota Physicians
- Allina Health Clinics

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Optimal Vascular Care was made by **Avera Medical Group**, which achieved a 17 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015 to 2017)

The measure specification was revised in 2016 to include the statin use component in the measure calculation. Due to this change, no trend data is available for this measure this year.

Optimal Asthma Control – Children Ages 5-17 by Clinic

For the 2017 report year, 207 clinics were reportable for the Optimal Asthma Control – Children Ages 5-17 measure because they had at least 30 patients that met the measurement specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 207 clinics accounted for 20,597 of the 25,272 MHCP patients (82 percent) who were eligible for this measure statewide, and the 207 reportable clinics accounted for 33 percent of clinics providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful clinic, **Advancements in Allergy and Asthma Care, Ltd.,** achieved optimal care with 92 percent of their MHCP patients ages 5-17. Four clinics tied for having no MHCP patients who achieved optimal asthma control. A detailed table of clinic performance rates can be found in Appendix 3.

Clinics with Above Average MHCP Rates in Report Year 2017

Sixty-eight clinics had rates and confidence intervals that were greater than the statewide clinic average (51 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.

- Advancements in Allergy and Asthma Care, Ltd.
- Fairview Lino Lakes Clinic
- South Lake Pediatrics - Eden Prairie
- Lakewood Health System - Staples Clinic
- Fairview Elk River Clinic
- Allina Health - Bloomington
- South Lake Pediatrics - Minnetonka
- Fairview Lakes Medical Center
- Mankato Clinic - Daniel's Health Center
- CentraCare Clinic - Northway
- South Lake Pediatrics - Maple Grove
- Park Nicollet Clinic - Bloomington
- Wayzata Children's Clinic - Minnetonka
- Sanford Sioux Falls Children's Specialty Clinic
- Affiliated Community Medical Centers-Marshall Clinic
- HealthPartners - White Bear Lake
- Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic
- CentraCare Health Plaza- Pediatrics
- HealthPartners Central Minnesota Clinics
- Sanford Fargo Southpointe Clinic - Specialty Clinics
- Mayo Clinic Health System Austin
- Fairview Milaca Clinic
- Central Pediatrics Woodbury
- Allergy, Asthma & Immunology - Shoreview
- Fairview Children's Clinic
- Allina Health - Buffalo
- Sanford Moorhead Clinic - Pediatrics
- Fairview Andover Clinic
- Affiliated Community Medical Centers - Redwood Falls Clinic
- Allina Health - Forest Lake
- Park Nicollet Clinic - Burnsville
- Fairview Rosemount Clinic
- Sanford Sioux Falls Children's Clinic 69th & Louise Clinic
- Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic
- Fairview Oxboro Clinic
- Sanford Fargo Children's Southwest Clinic
- Hennepin County Medical Center (HCMC) Clinics - Downtown Pediatric Clinic
- Sanford Worthington Clinic
- Mayo Clinic Health System Faribault Campus Location
- Allina Health - Coon Rapids
- Park Nicollet Clinic - Prior Lake
- Allina Health - Ramsey
- HealthPartners - Riverside
- Affiliated Community Medical Centers - Willmar Clinic
- Allina Health - Inver Grove Heights
- Park Nicollet Clinic - Maple Grove
- HealthPartners - Bloomington
- Park Nicollet Clinic - Eagan
- Park Nicollet Clinic - St. Louis Park Pediatrics
- Allina Health - Eagan
- Allina Health - Bandana Square
- Fairview Fridley Clinic
- Fairview Columbia Heights Clinic

- Mayo Clinic Health System Red Wing
- Mayo Clinic - Baldwin Building, Pediatrics
- Central Pedatrics St. Paul
- HealthPartners - St Paul
- Allina Health - First Street
- Children's Respiratory & Critical Care Specialists - Minnetonka
- Park Nicollet Clinic - Shakopee
- EH East Duluth Clinic 1st St
- Mayo Clinic Health System Albert Lea
- HealthPartners - Anoka
- Children's Respiratory & Critical Care Specialists - Minneapolis
- HealthPartners - Brooklyn Center
- Children's Respiratory & Critical Care Specialists - St Paul
- EH Central Baxter Clinic
- Mankato Clinic - Children's Health Center

Largest Improvement from 2016 to 2017

The largest clinic level improvement since report year 2016 in Optimal Asthma Control – Children was made by **HealthPartners - Apple Valley**, which achieved an 18 percentage point increase for their MHCP patients.

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

For the 2017 report year, 67 medical groups were reportable for the Optimal Asthma Control – Children Ages 5-17 measure because they had at least 30 patients that met measure specifications – enough patients to ensure a reasonable level of confidence in the reported rate. These 67 medical groups accounted for 24,818 of the 25,272 MHCP patients (98 percent) who were eligible for this measure statewide, and the 67 reportable medical groups accounted for 61 percent of medical groups providing care to MHCP patients ages 5-17 in Minnesota and surrounding areas who submitted data to MNCM for this measure.

The most successful medical group for this measure, **Advancements in Allergy and Asthma Care**, achieved optimal care with 92 percent of their MHCP patients ages 5-17. There were two medical groups (**North Clinic** and **Raiter Clinic, LTD - IHN**) that tied for having no MHCP patients ages 5-17 who achieved optimal asthma control. A detailed table of medical group performance rates can be found in Appendix 3.

Medical Groups with Above Average MHCP Rates in Report Year 2017

Twenty medical groups had rates and confidence intervals greater than the statewide medical group average (51 percent) for MHCP patients ages 5-17. These medical groups are listed below in order of highest to lowest performance.

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

Largest Improvement from 2016 to 2017

The largest medical group improvement since report year 2016 in Optimal Asthma Control - Children was made by **Lakewood Health System**, which achieved a 36 percentage point increase for their MHCP patients.

Medical Group Performance over Time (2015-2017)

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

Please see 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.[5]

In Minnesota, results from our *Health Care Disparities Reports* have shown patients of lower socioeconomic status have different rates of care even when health care coverage is available, as is the case for patients enrolled in MHCP. These disparities result from multiple factors, one of which may be that a higher proportion of MHCP patients are members of underserved races and ethnicities. Researchers agree that collecting and using data on the races and ethnicities of certain patient populations may build a foundation for understanding and reducing disparities.[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 recipients. This enrollment data includes race and Hispanic ethnicity information for these patients. Race and ethnicity is self-reported by recipients at the time they enroll in MHCP. Recipients are able to declare more than one race on their enrollment form.

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

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

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

- Hispanic
- Non-Hispanic
- Unknown

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

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

[5] Institute of Medicine (1999). Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care.

Race Descriptions[ǂ]

- 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.

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

Childhood Immunization Status (Combo 10)

Figure 11.1 shows Childhood Immunization Status (Combo 10) by race. The Asian or Pacific Islander or Native Hawaiian group had the highest rate of childhood immunizations (47 percent), and this rate was significantly above the MHCP statewide rate (38 percent). The only other racial group that had a rate significantly above the MHCP statewide rate was the Unknown racial group at 41 percent. The Black or African American and American Indian or Alaskan Native racial groups had rates significantly below the statewide MHCP rate, with the American Indian or Alaskan Native racial group having the lowest rate.

Figure 11.1: Childhood Immunization Status (Combo 10) Statewide Rates by Race

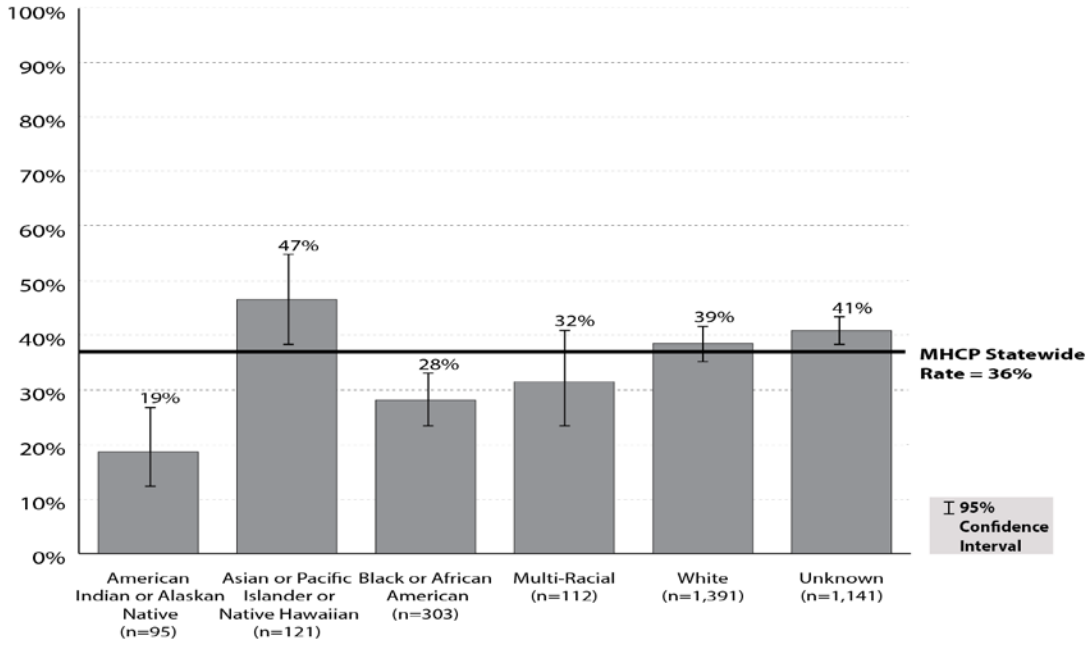
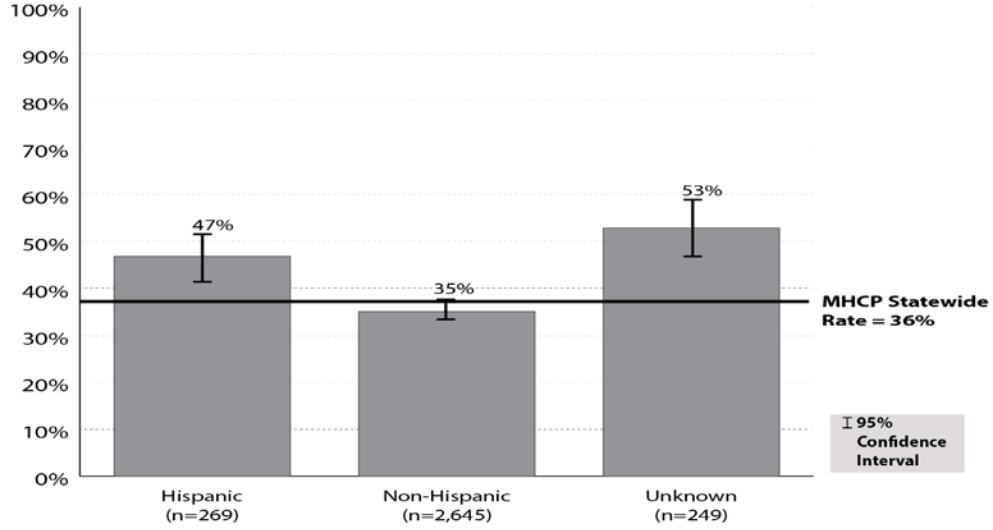


Figure 11.2 shows Childhood Immunization Status (Combo 10) rates by Hispanic ethnicity. The Unknown ethnicity had the highest rate of childhood immunization status and this rate was significantly above the MHCP statewide rate, as well as the rates for Non-Hispanic ethnic groups. The rate for Hispanics was also significantly higher than the statewide MHCP rate. The Non-Hispanic ethnic group had the lowest rate.

Figure 11.2: Childhood Immunization Status (Combo 10) Statewide Rates by Hispanic Ethnicity



Controlling High Blood Pressure

Figure 12.1 shows the Controlling High Blood Pressure rates by race. The Multi-Racial racial group had the highest rate (78 percent). The Black or African American racial group had the lowest performance rate and this was significantly below the MHCP statewide rate.

Figure 12.1: Controlling High Blood Pressure Statewide Rates by Race

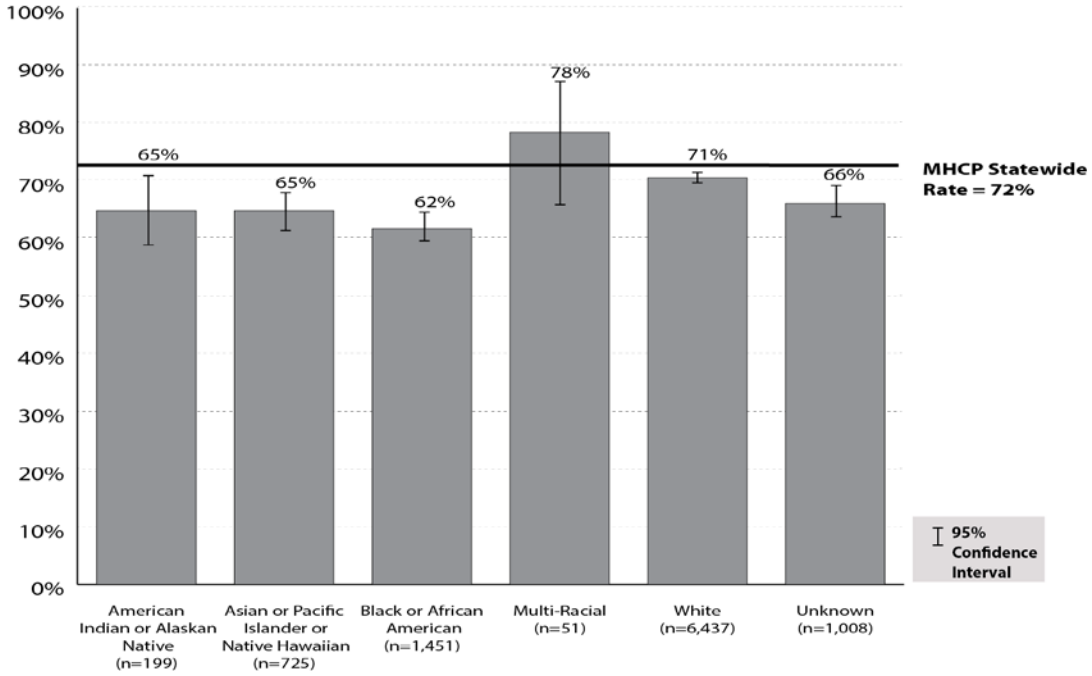
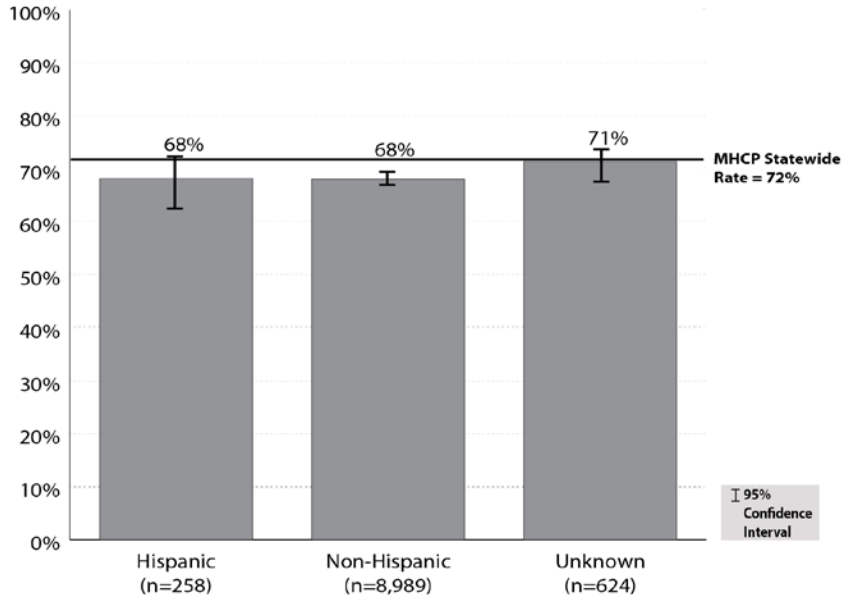


Figure 12.2 shows the rates of Controlling High Blood Pressure by Hispanic ethnicity. The Unknown ethnicity category had the highest rate of controlling high blood pressure; however, no ethnicity had rates significantly above the statewide average.

Figure 12.2: Controlling High Blood Pressure Statewide Rates by Hispanic Ethnicity



Chlamydia Screening in Women

Figure 13.1 shows Chlamydia Screening in Women rates by race. The Black or African American racial group continued to have the highest chlamydia screening rate, and it was significantly higher than the statewide MHCP rate (56 percent) and the rates for all other racial groups. The Asian or Pacific or Native Hawaiian and Multi-Racial groups were the only other groups with rates significantly above the MHCP statewide rate. The White racial group had the lowest chlamydia screening rate at 51 percent and the only rate that was significantly below the MHCP statewide rate.

Figure 13.1: Chlamydia Screening in Women Statewide Rates by Race

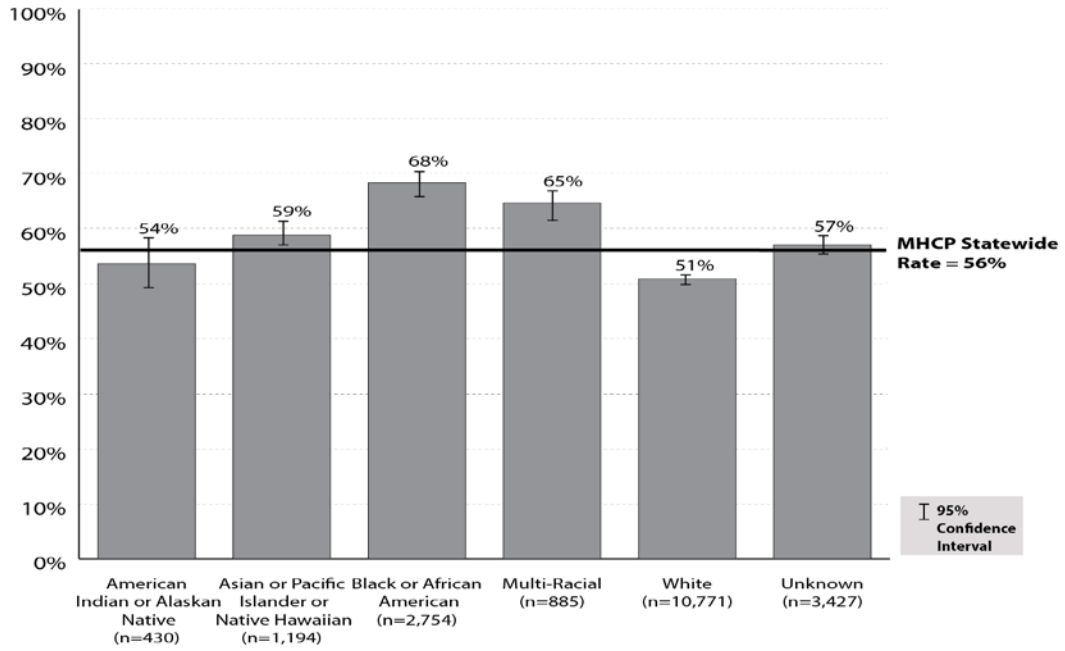
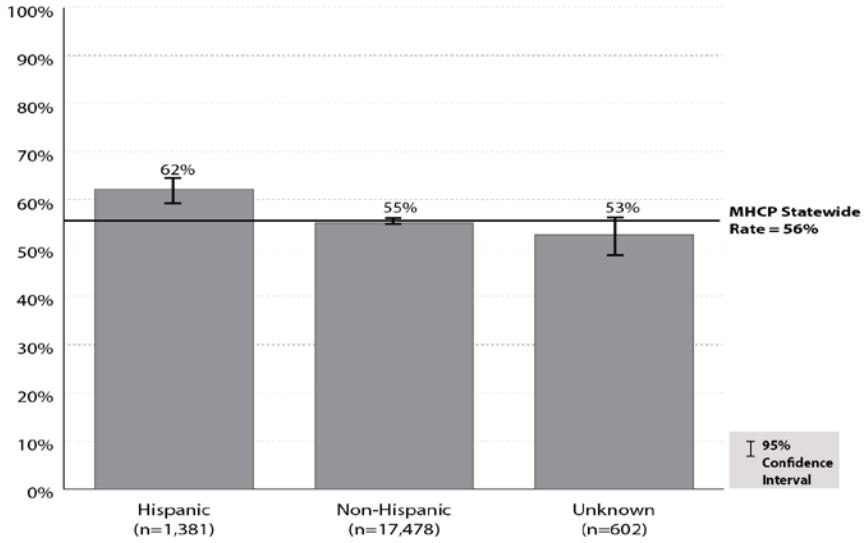


Figure 13.2 shows Chlamydia Screening in Women rates by Hispanic ethnicity. The Hispanic group had a highest rate of chlamydia screening and this was significantly above the MHCP statewide rate. The Unknown ethnicity category had the lowest performance rate.

Figure 13.2: Chlamydia Screening in Women Statewide Rates by Hispanic Ethnicity



Appropriate Treatment for Children with URI

Figure 14.1 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 (93 percent). The Asian or Pacific Islander or Native Hawaiian and Unknown racial groups also had rates significantly above the MHCP statewide rate. The White racial group had the lowest rate at 91% and continued to have a performance rate significantly below the statewide MHCP rate.

Figure 14.1: Appropriate Treatment for Children with URI Statewide Rates by Race

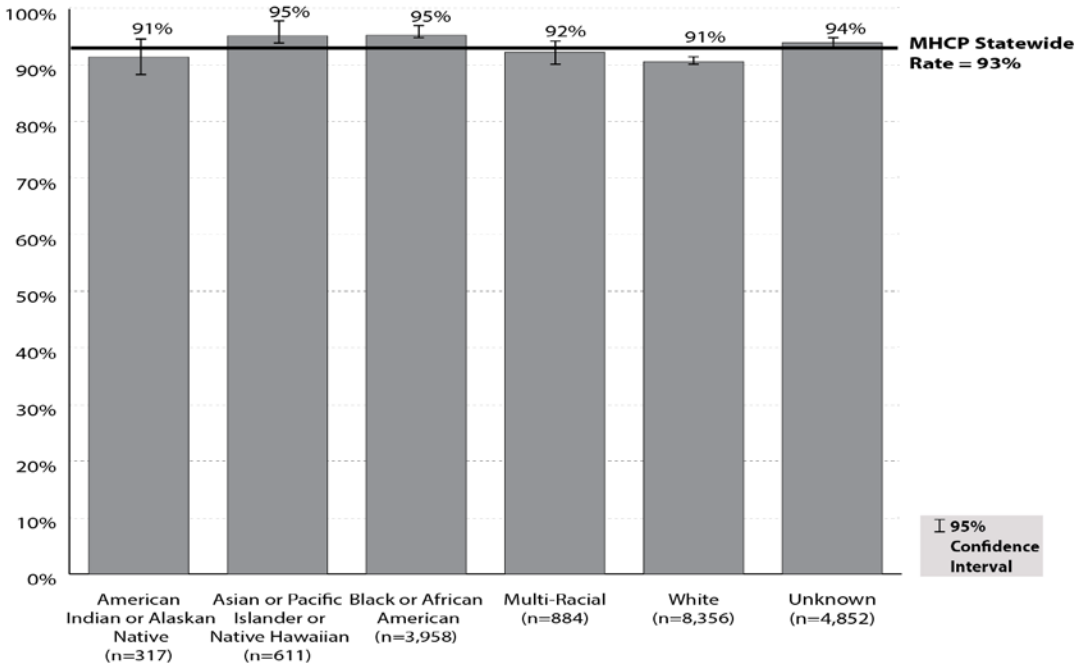
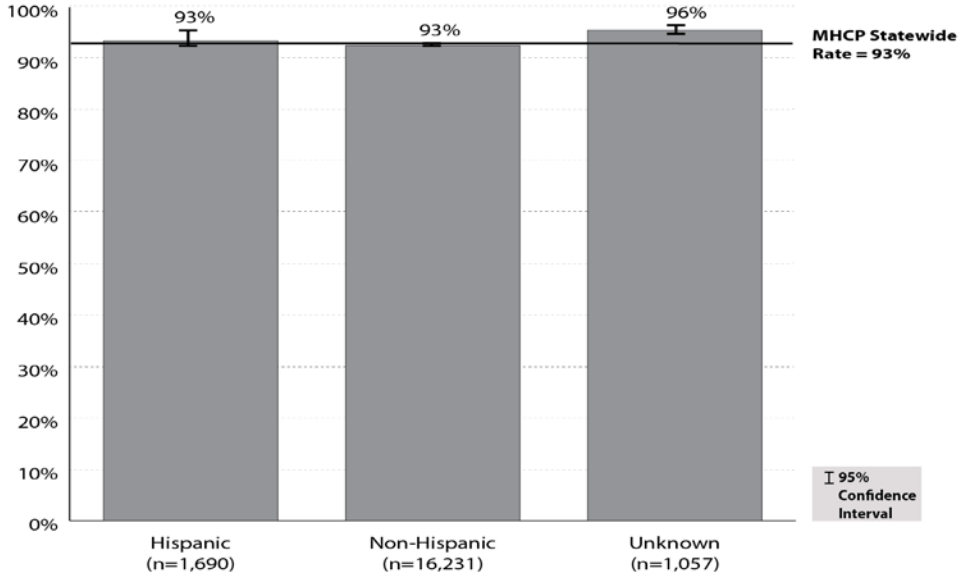


Figure 14.2 shows Appropriate Treatment for Children with URI rates by Hispanic ethnicity. The Unknown ethnicity category has the highest rate of appropriate treatment, and this rate was significantly above the MHCP statewide rate. Non-Hispanics had the lowest performance rate at 93 percent.

Figure 14.2: Appropriate Treatment for Children with URI Statewide Rates by Hispanic Ethnicity



Breast Cancer Screening

Figure 15.1 shows the rates of Breast Cancer Screening by race. The White racial group had the highest rate of breast cancer screening, and this rate was significantly above the MHCP statewide rate (61 percent). The White racial group was the only group with a rate significantly above the MHCP statewide rate at 62 percent. The American Indian or Alaskan Native racial group had the lowest rate of breast cancer screening, and this rate was significantly below the MHCP statewide rate. The Black or African American racial group also had a rate significantly below the MHCP statewide rate at 56 percent.

Figure 15.1: Breast Cancer Screening Statewide Rates by Race

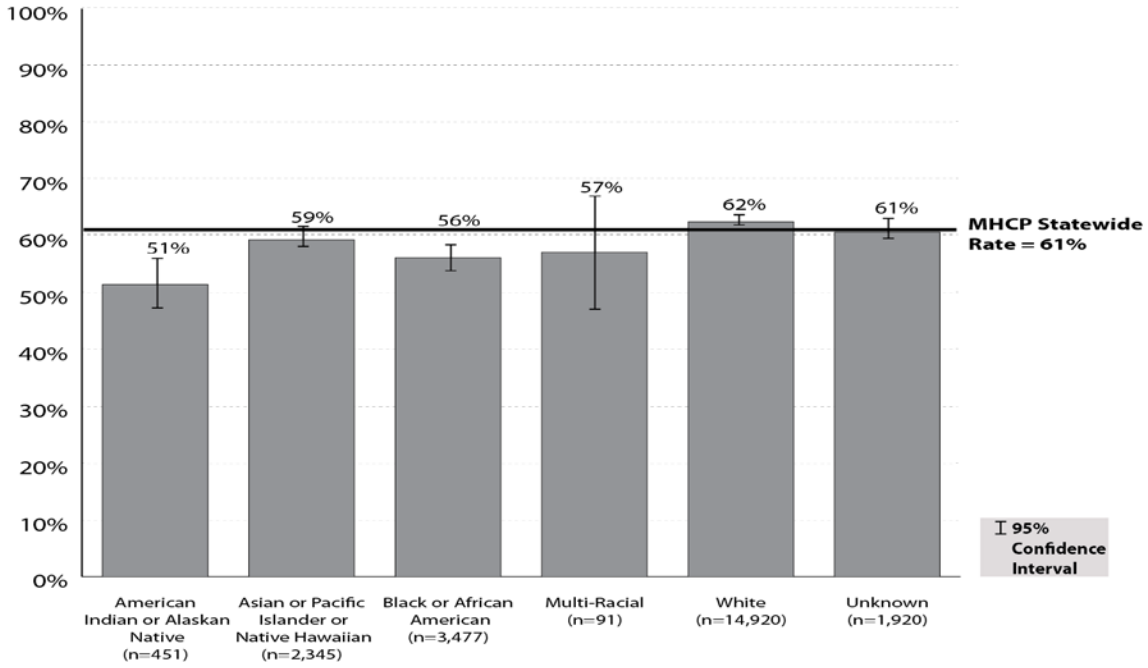
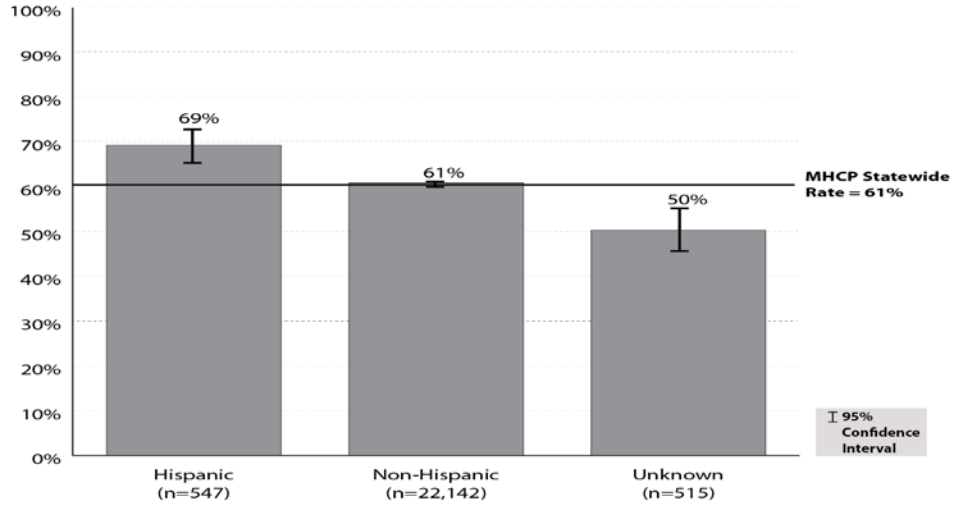


Figure 15.2 shows the rates of Breast Cancer Screening by ethnicity. Hispanics had the highest rate of breast cancer screening (69 percent), and this rate was significantly above the statewide MHCP rate, the Non-Hispanic rate, and the Unknown ethnicity rate. The rate for the Unknown ethnicity category was the lowest and this was significantly below the rate for Hispanics and Non-Hispanics, as well as the statewide MHCP rate.

Figure 15.2: Breast Cancer Screening Statewide Rates by Hispanic Ethnicity



Summary of Findings by Race

For each measure below, **Table 12** compares each racial group's statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

Table 12: Summary of Findings by Racial Group

Measures/Racial Group	American Indian or Alaskan Native	Asian or Pacific Islander or Native Hawaiian	Black or African American	Multi-Racial	White	Unknown
Appropriate Treatment for Children with Upper Respiratory Infection		↑	↑		↓	↑
Childhood Immunization Status (Combo 10)	↓	↑	↓			↑
Controlling High Blood Pressure	↓	↓	↓		↓	
Breast Cancer Screening	↓		↓		↑	
Chlamydia Screening for Women		↑	↑	↑	↓	

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

American Indian or Alaskan Native

The American Indian or Alaskan Native racial group had the lowest rate for two measures: Breast Cancer Screening and Childhood Immunization Status (Combo 10). There were no measures where the American Indian or Alaskan Native racial group had the highest rate.

There were three measures (Breast Cancer Screening, Childhood Immunization Status - Combo 10 and Controlling High Blood Pressure) where the American Indian or Alaskan Native racial group's rate was significantly lower than the MHCP statewide rate. There were no measures where this group's rate was significantly higher than the MHCP statewide rate.

Asian or Pacific Islander or Native Hawaiian

The Asian or Pacific Islander or Native Hawaiian racial group had the highest rate for the Childhood Immunization Status – Combo 10 measure. There were no measures where this group had the lowest rate.

There were three measures (Appropriate Treatment for Children with URI, Childhood Immunization Status – Combo 10 and Chlamydia Screening in Women) where this group's rate was significantly higher than the MHCP statewide rate. For one measure (Controlling High Blood Pressure), their rate was significantly lower than the MHCP statewide rate.

Black or African American

There were two measures where the Black or African American racial group had the highest rates: Appropriate Testing for Children with URI and Chlamydia Screening in Women. They had the lowest rate for the Controlling High Blood Pressure measure.

For two measures (Appropriate Treatment for Children with URI and Chlamydia Screening in Women), the Black or African American racial group had a performance rate significantly above the MHCP statewide rate; and for three measures (Breast Cancer Screening, Childhood Immunization Status - Combo 10 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 rate for the Controlling High Blood Pressure measure. They did not have the lowest rate for any measure.

There was one measure (Chlamydia Screening in Women) where the Multi-Racial group had a performance rate significantly above the MHCP statewide rate. There were no measures where they had a significantly lower rate than the MHCP statewide rate.

White

The White racial group had the highest rate for the Breast Cancer Screening measure. The White racial group had the lowest rate for Appropriate Treatment for Children with URI and Chlamydia Screening in Women.

For one measure (Breast Cancer Screening), the White racial group had a performance rate that was significantly above the MHCP statewide rate. For three measures (Appropriate Treatment for Children with URI, Chlamydia Screening in Women and Controlling High Blood Pressure) the White racial group had a performance rate significantly below the MHCP statewide rate.

Unknown

The Unknown racial group did not have the highest or lowest rate for any measures.

There were no measures where the rate for the Unknown racial group was significantly below the MHCP statewide rate. For two measures (Appropriate Testing for Children with URI and Childhood Immunization Status – Combo 10), this racial group had a performance rate significantly above the MHCP statewide rate.

Summary of Findings by Hispanic Ethnicity

For each measure below, **Table 13** compares each Hispanic ethnicity group's statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

Table 13: Summary of Findings by Hispanic Ethnicity Group

Measures/Ethnic Group	Hispanic	Non-Hispanic	Unknown
Appropriate Treatment for Children with Upper Respiratory Infection			↑
Childhood Immunization Status (Combo 10)	↑	↓	↑
Controlling High Blood Pressure		↓	
Breast Cancer Screening	↑		↓
Chlamydia Screening in Women	↑		

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

Hispanic
For two measures (Chlamydia Screening in Women and Breast Cancer Screening), Hispanics had the highest performance rate. There were no measures where they had the lowest rate. For three measures (Childhood Immunization Status - Combo 10), Chlamydia Screening in Women and Breast Cancer Screening), the performance rates for Hispanics were significantly above the MHCP statewide rate. There were no measures where Hispanics had a performance rate significantly below the MHCP statewide rate.

Non-Hispanic
There were no measures where Non-Hispanics had the highest performance rate. There were three measures (Appropriate Treatment for Children with URI, Controlling High Blood Pressure, and Childhood Immunization Status - Combo 10) where Non-Hispanics had the lowest rates. There were two measures (Childhood Immunization Status - Combo 10 and Controlling High Blood Pressure) where the Non-Hispanics had a performance rate significantly below the MHCP statewide rate.

Unknown
For three measures (Appropriate Treatment for Children with URI, Childhood Immunization Status – Combo 10 and Controlling High Blood Pressure), the Unknown ethnic group had the highest rates. There were two measures (Chlamydia Screening in Women and Breast Cancer Screening) where the Unknown ethnic group had the lowest rates. For two measures (Appropriate Treatment for Children with URI and Childhood Immunization Status – Combo 10), they had performance rates significantly higher than the MHCP statewide rate. There was one measure (Breast Cancer Screening) where the Unknown ethnic group had rates significantly below the MHCP statewide rate.

Limitations related to Race/Ethnicity Data

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

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

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

Please see next page.

An Examination of Statewide MHCP Performance Rates by DHS Region

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

Methods

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

Region Descriptions

- Northwest region: The counties in this region include: Becker, Beltrami, Clay, Clearwater, Douglas, Grant, Hubbard, Kittson, Lake of the Woods, Mahnomen, Marshall, Norman, Otter Tail, Pennington, Polk, Pope, Red Lake, Roseau, Stevens, Traverse and Wilkin.

- Northeast region: The counties in this region include: Aitkin, Benton, Carlton, Cass, Chisago, Cook, Crow Wing, Isanti, Itasca, Kanabec, Koochiching, Lake, Mille Lacs, Morrison, Pine, Sherburne, St. Louis, Stearns, Todd, Wadena and Wright.

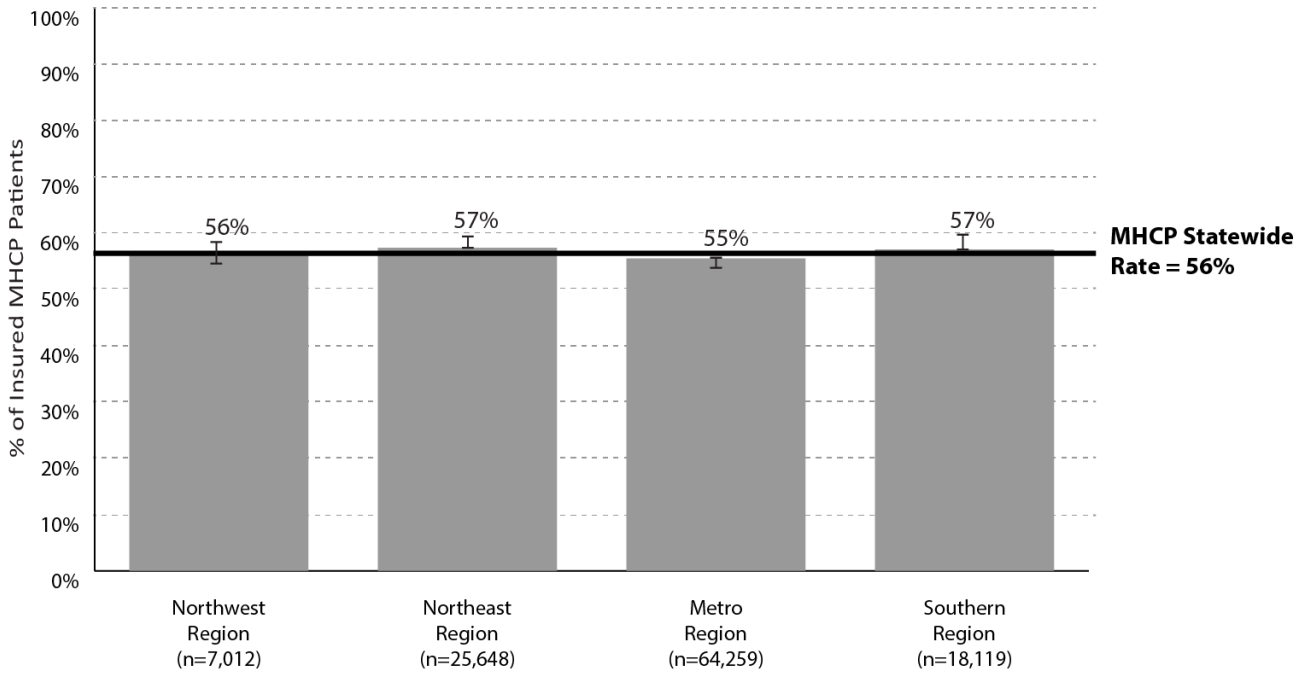
- Metro region: The counties in this region include: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington.

- Southern region: The counties in this region include: Big Stone, Blue Earth, Brown, Chippewa, Cottonwood, Dodge, Faribault, Fillmore, Freeborn, Goodhue, Houston, Jackson, Kandiyohi, Lac qui Parle, Le Sueur, Lincoln, Lyon, Martin, McLeod, Meeker, Mower, Murray, Nicollet, Nobles, Olmstead, Pipestone, Redwood, Renville, Rice, Rock, Sibley, Steele, Swift, Wabasha, Waseca, Watonwan, Winona and Yellow Medicine.

Colorectal Cancer Screening

Figure 16 shows the rates of Colorectal Cancer Screening by DHS region. MHCP patients had the highest screening rate for colorectal cancer in the Northeast and Southern regions (57 percent), and these rates were significantly above the MHCP statewide rate (56 percent). Only the Metro region (55 percent) had a screening rate significantly below the MHCP statewide rate.

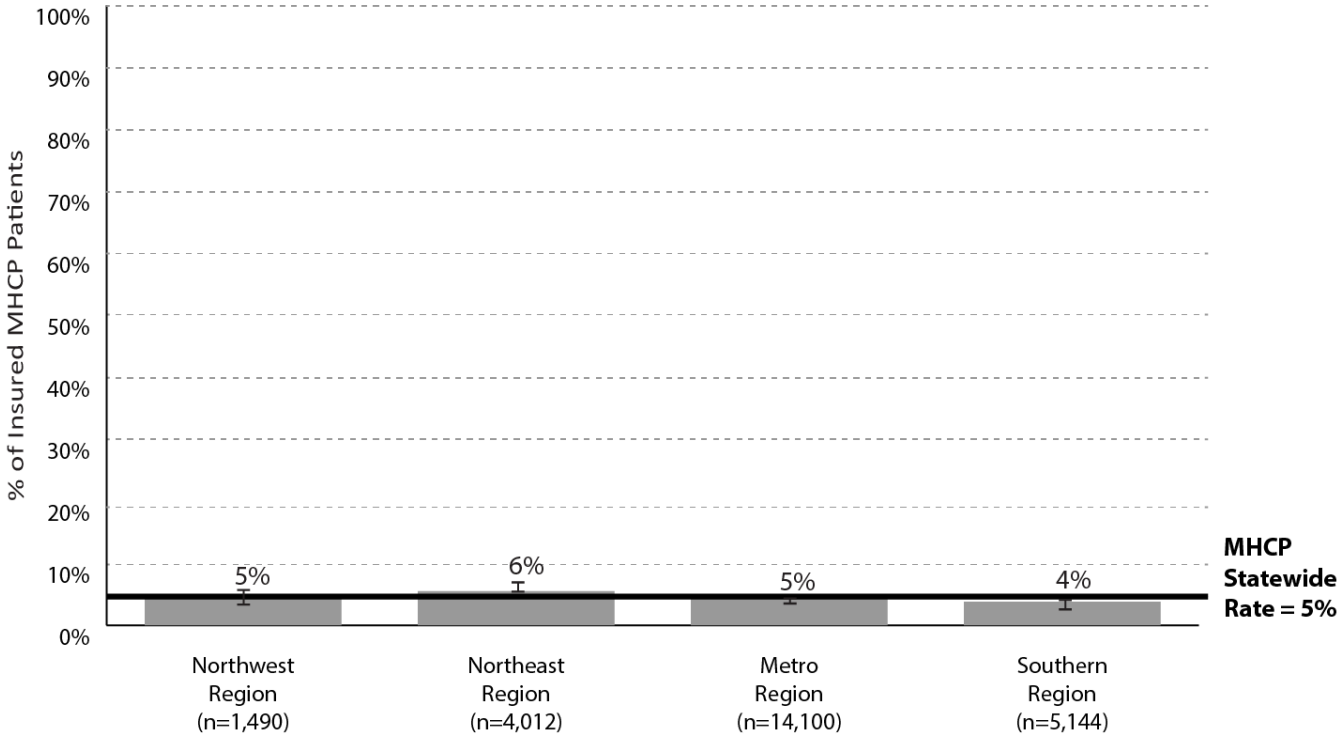
Figure 16: Colorectal Cancer Screening Rates by DHS Region



Depression Remission at Six Months

Figure 17 shows the rates of Depression Remission at Six Months by DHS region. The percentage of MHCP patients who experienced depression remission at six months was highest in the Northeast region (six percent) and this rate was statistically above the MHCP statewide rate (five percent). The Southern region had the lowest rate at four percent and it was the only rate significantly below the MHCP statewide rate.

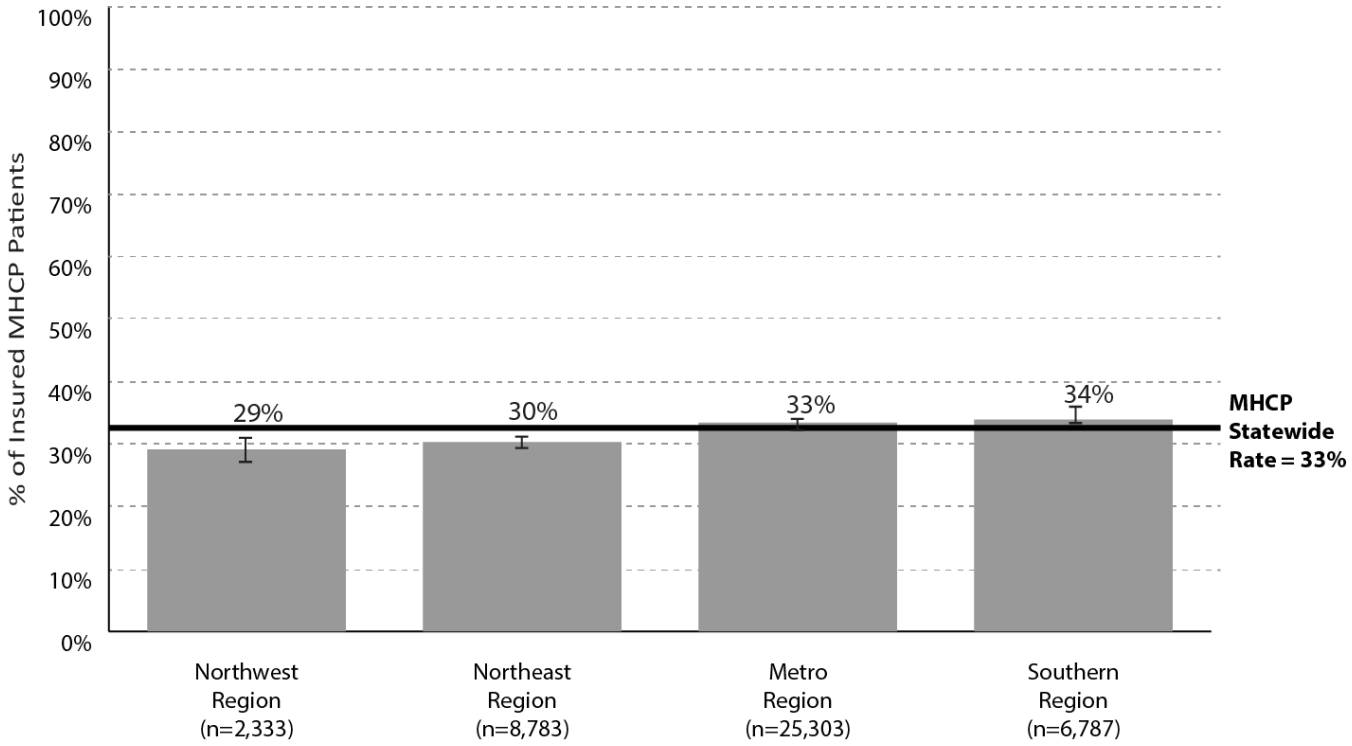
Figure 17: Depression Remission at Six Months Rates by DHS Region



Optimal Diabetes Care

Figure 18 shows the rates of Optimal Diabetes Care by DHS region. The Southern region had the highest rate of optimal care (34 percent) and this was significantly above the MHCP statewide rate (33 percent). The Metro region (33 percent) also had a rate that was significantly above the MHCP statewide rate. The lowest rate was found in the Northwest region at 29 percent and this rate was significantly below the MHCP statewide rate, along with the Northeast region at 30 percent.

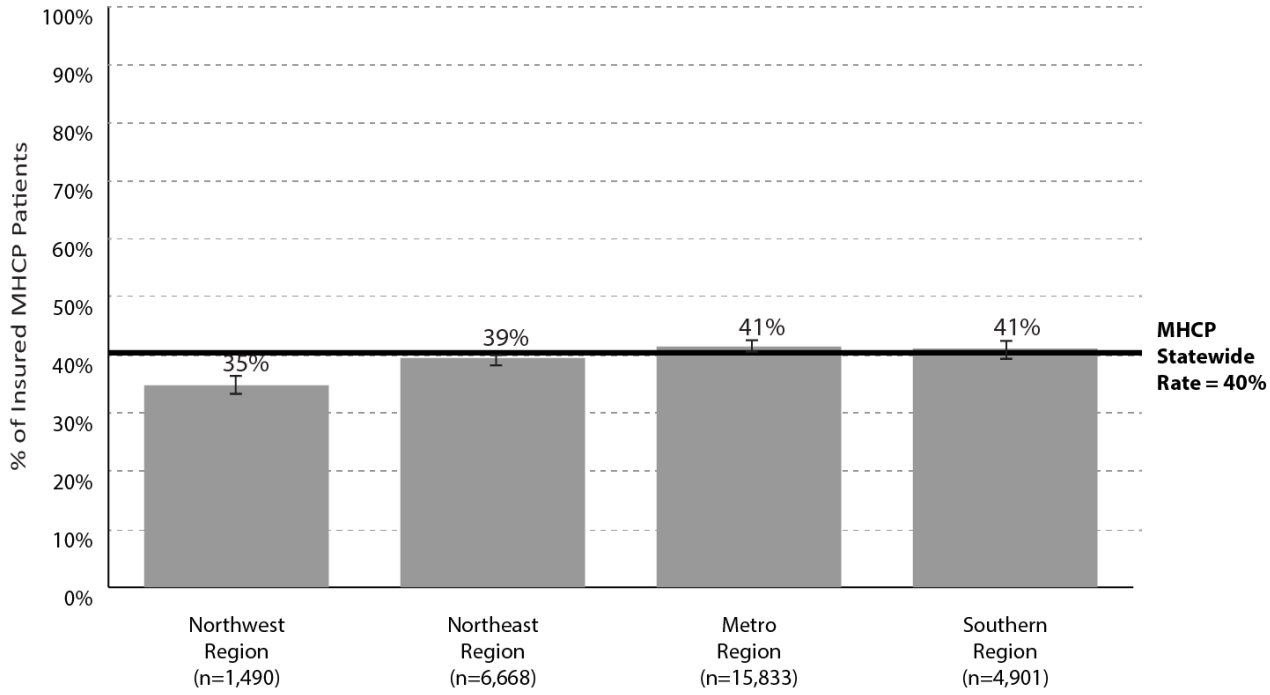
Figure 18: Optimal Diabetes Care Rates by DHS Region



Optimal Asthma Control – Adults Ages 18-50

Figure 19 shows the rates of Optimal Asthma Control – Adults Ages 18-50 by DHS region. The Metro region had the highest rate (41 percent), and this rate was significantly above the MHCP statewide rate (40 percent). The lowest rate was found in the Northwest region at 35 percent and this rate was significantly below the MHCP statewide rate, along with the Northeast region at 39 percent.

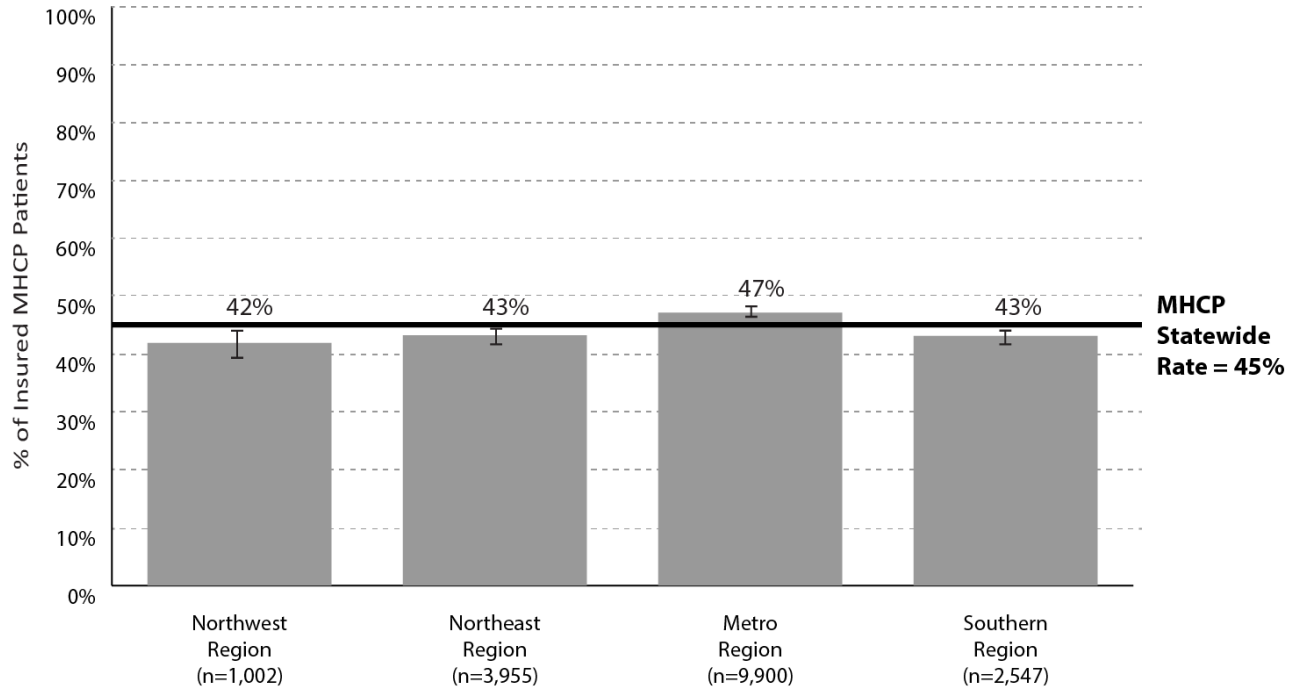
Figure 19: Optimal Asthma Control – Adults Ages 18-50 Rates by DHS Region



Optimal Vascular Care

Figure 20 shows the rates of Optimal Vascular Care by DHS region. The Metro region had the highest rate (47 percent) and this rate was significantly above the MHCP statewide rate (45 percent). The lowest rate was found in the Northwest region at 42 percent. The rates for the Northwest, Northeast, and Southern regions were all significantly below the MHCP statewide rate.

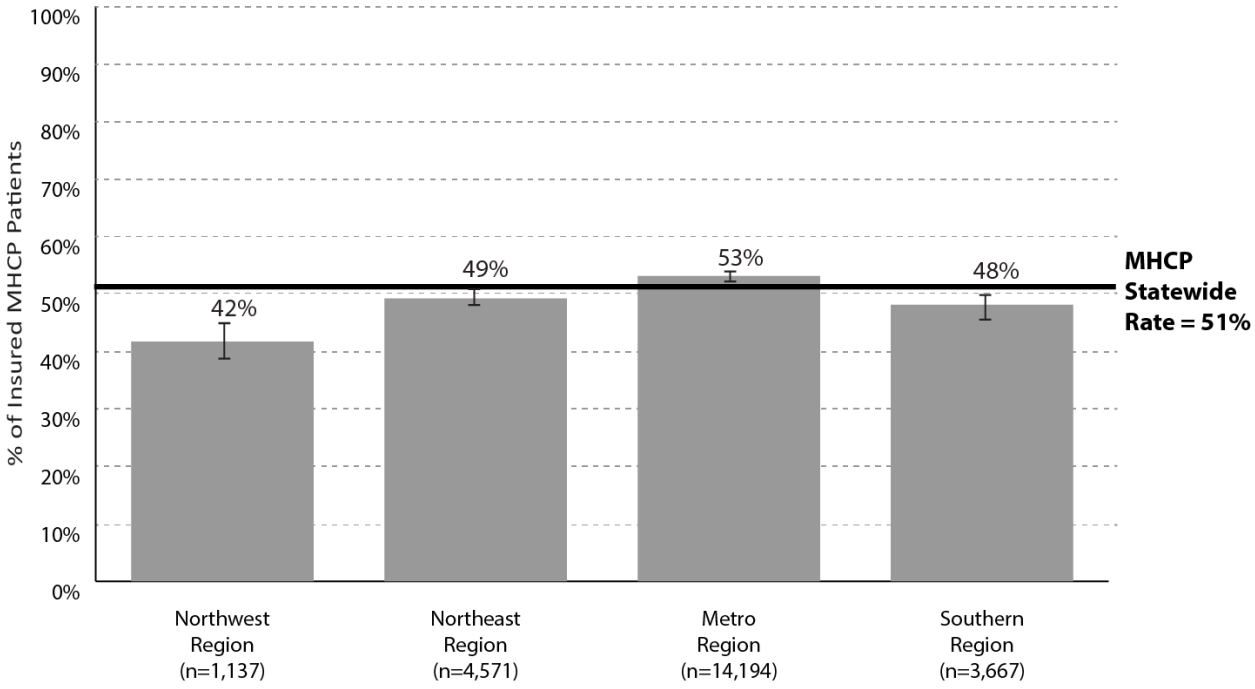
Figure 20: Optimal Vascular Care Rates by DHS Region



Optimal Asthma Control – Children Ages 5-17

Figure 21 shows the rates of Optimal Asthma Control – Children Ages 5-17 by DHS region. The Metro region had the highest rate (53 percent), and this rate was significantly above the MHCP statewide rate (51 percent). The lowest rate was found in the Northwest region at 42 percent; the rates for the Northwest, Northeast, and Southern regions were all significantly below the MHCP statewide rate.

Figure 21: Optimal Asthma Control – Children Ages 5-17 Rates by DHS Region



Summary of Findings by DHS Region

For each measure below, **Table 14** compares each regional group's statewide average to the overall statewide MHCP average as being either significantly above, significantly below or similar to the statewide MHCP average. Statistical significance was determined using 95% confidence intervals.

Table 14: Summary of Findings by Region

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

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

The Northwest Region

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

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

The Northeast Region

The Northeast region had the highest rate for two measures: Depression Remission at Six Months and Colorectal Cancer Screening. The Northeast region did not have the lowest rate for any measure.

For two measures (Depression Remission at Six Months and Colorectal Cancer Screening), this region had a performance rate significantly above the MHCP statewide rate. Conversely, the Northeast region had a performance rate significantly below the MHCP statewide rate for four measures: Optimal Diabetes Care and Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17 and Optimal Asthma Control – Adults Ages 18-50.

The Metro Region

There were three measures where the Metro region had the highest rate: Optimal Vascular Care, Optimal Asthma Control – Children Ages 5-17, and Optimal Asthma Control – Adults Ages 18-50. There was one measure (Colorectal Cancer Screening) where this region had the lowest rate.

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

The Southern Region

The Southern region had the highest performance rate for one measure: Optimal Diabetes Care. This region had the lowest rate for the Depression Remission at Six Months measure.

There were two measures (Optimal Diabetes Care and Colorectal Cancer Screening) where the Southern region had a performance rate significantly above the MHCP statewide rate. There were three measures (Depression Remission at Six Months, Optimal Vascular Care, and Optimal Asthma Control – Children Ages 5-17) where this region had a rate significantly below the MHCP statewide rate.

Conclusion

The *2017 Health Care Disparities Report for Minnesota Health Care Programs* spotlights that MHCP performance rates are improving for some measures, but declining for other measures. Progress in addressing disparities can be seen most notably by improved health outcomes for two measures and narrowing of the gap between purchasers for six measures. But setbacks can also be seen for eight measures where performance rates decreased for MHCP patients, and for four 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. Inequities within our health care system continue to exist and are unacceptable. This report shows it is possible for medical groups and clinics to achieve optimal health outcomes for all patients regardless of their socioeconomic status. We are finding that more and more medical groups are using information from this report to benchmark progress and make improvements.

Overall, we continue to see statewide gaps between care received by MHCP patients and Other Purchasers patients. Gaps widened this year for four measures (Appropriate Treatment for Children with URI, Depression Remission at Six Months, Optimal Vascular Care, and Breast Cancer Screening) and these differences were statistically significant. Conversely, gaps between purchasers narrowed significantly for four measures (Chlamydia Screening in Women, Controlling High Blood Pressure, Optimal Asthma Control – Adults Ages 18-50, and Colorectal Cancer Screening).

Differences between race and Hispanic ethnicity were found for every measure within the MHCP patient population. Performance rates for the Black or African American racial group continued to be low compared to other racial groups for several measures; however, rates for Black or African Americans were significantly above the statewide MHCP rate for two measures. Hispanic patients had rates that were significantly above the statewide MHCP rate for three measures.

This report features MHCP regional rates for the six DDS measures. This analysis was included to provide more information about the health outcomes of MHCP patients in various regions in Minnesota. There were noteworthy performance differences in MHCP rates for each measure by region. The Metro region had above average rates for four measures. Conversely, the Northwest region had the lowest rate for four measures, and all rates were 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 statewide and national levels. 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 have an effect.

While data alone will not reduce disparities, it is an important tool for identifying improvement opportunities and assessing progress. The information in this report can be useful to policy makers, public health professionals, communities of color, and health care systems to support focused improvement efforts. Much work remains to ensure MHCP patients achieve the same health care outcomes as Other Purchaser patients.

Acknowledgements

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

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

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

Medical Groups (Primary Care) Reported in 2017 (120)

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

Additional Medical Group Provider Types Reported in 2017 (41)

- Sanford Health - Fargo Region
- Sanford Health - Sioux Falls Region
- Sawtooth Mountain Clinic
- Scandia Clinic
- Scenic Rivers Health Services
- Sibley Medical Center DBA Ridgeview Sibley Medical Center
- Sleepy Eye Medical Center
- Smart Clinic-Custom Clinic
- Southside Community Health Services
- St. Croix Regional Medical Center
- St. Luke's Clinics
- St. Paul Family Medical Center
- Stellis Health, PA
- Stevens Community Medical Center
- Stillwater Medical Group
- Synergy Family Physicians, P.A
- Tri-County Health Care
- United Family Medicine
- United Hospital District Clinic
- Unity Family Healthcare - Avon
- Unity Family Healthcare, Family Medical Center
- University of Minnesota Physicians
- Valley Family Practice- MHN
- Vibrant Health Family Clinics and Minnesota Health Network
- West Side Community Health Services
- Williams Integracare Clinic
- Winona Health Services

OB/GYN

- Metropolitan Obstetrics & Gynecology
- Oakdale Ob/Gyn
- OBGYN West
- Obstetrics and Gynecology Associates
- Partners Ob/Gyn
- Premier OB/GYN of Minnesota
- Southdale Ob/Gyn Consultants
- Western ObGyn

Urgent Care/Convenience Care Clinics

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

Pediatric

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

Allergy/Immunology

- Advancements in Allergy and Asthma Care
- Allergy & Asthma Specialists, PA
- Allergy, Asthma & Immunology Clinic

Behavioral Health

- Associated Clinic of Psychology
- Associates in Psychiatry & Psychology
- Family Life Center
- Lakeland Mental Health Center
- Minnesota Mental Health Clinics
- Northern Psychiatric Associates
- Oak Ridge Center
- People Incorporated Stark Mental Health Clinic
- Ramsey County Mental Health
- Western Mental Health Center, Inc.
- Woodland Centers
- Zumbro Valley Health Center

Appendix 1: Data Sources and Data Collection

Administrative and Hybrid Measures

Data used for the administrative and hybrid measures originated from health plan administrative claims databases. Hybrid measures were supplemented by medical record review. Data elements were specified by HEDIS 2017 Technical Specifications (2016 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 2017, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Hennepin Health, Itasca Medical Care, Medica, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser) and UCare – submitted data to MNCM. The submitted data reflects patients/members enrolled in the following products: commercial HMO/POS/ PPO, Medicare Cost, Medicare Risk, and Minnesota Health Care Programs (pre-paid Medical Assistance including dual eligibles and MinnesotaCare). Administrative and hybrid measures did not include patients who were uninsured, who self-paid, or patients who were served by Medicaid/Medicare Fee-for-Service.

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

Once the file validation checks were finalized, the data files from all 10 health plans were aggregated to create a comprehensive data file of results by medical group. The aggregated data file was then checked for accurate record counts and preliminary measure rates were calculated. The preliminary rates were carefully reviewed by MNCM staff and the data aggregation vendor. Particular attention was paid to notable changes from previous years at the statewide and medical group levels. After these checks were finalized, preliminary rates were compiled into the *2017 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.

Direct Data Submission Measures

The data source of clinic level results was the clinics themselves. All data elements were specified by MNCM in the 2017 Direct Data Submission (DDS) Guides (2016 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 MNCM 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 MNCM. All appropriate HIPAA requirements were followed.

Medical groups/clinics submitted the required data elements directly through the MNCM 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, MNCM 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 MNCM 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 MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

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

- Childhood Immunization Status (Combo 10)
- Controlling High Blood Pressure

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

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

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

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

Each year, these measure specifications are reviewed against current evidence-based guidelines. Specifications for measures that use the hybrid and administrative method were calculated using NCQA's 2017 HEDIS Technical Specifications. Specifications for DDS measures were calculated in the MNCM Data Portal using MNCM's 2017 DDS Guide and Technical Specifications.

Eligible Population Specifications

The eligible populations for the administrative and hybrid HEDIS measures were identified by each participating health plan utilizing its respective administrative databases. NCQA's 2017 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 MNCM by medical groups and clinics were identified by a medical group on behalf of their individual clinics. MNCM's 2017 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.

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 one measure – 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 MNCM as part of the denominator certification process. Most patients were attributed to an assigned primary care provider. Some patients were attributed to the provider who saw the patient most often or most recently in the measurement year.

Sampling Method for Hybrid HEDIS Measures

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

MNCM used a two-stage, random sampling process. This strategy was designed with statisticians to ensure reporting for the maximum number of medical groups while minimizing the impact of weighting on the results for any one medical group. The sampling procedure began with each health plan providing a data file containing a record for each eligible patient for each hybrid measure. This file also identified eligible patients that had been selected for the annual HEDIS sample. Additional patients were then selected from the remaining eligible population to meet MNCM 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 2017 DDS Guide described accepted methods to select a systematic sample. This step was reviewed by MNCM as part of the denominator certification process. In 2017, about 99 percent of clinics for Optimal Diabetes Care; 100 percent of clinics for Optimal Vascular Care; 100 percent of clinics for Optimal Asthma Control – Children Ages 5-17; 100 percent of clinics for Optimal Asthma Control – Adults Ages 18-50; and about 93 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 MNCM in the DDS Guide and compliance with these specifications was audited.

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 MNCM to draw a sample on which to estimate medical group and statewide rates. Weighting was applied to efficiently utilize health plan resources for data collection on a randomly sampled population. Weights were calculated for each sampling stratum (i.e., health

plan/health plan product/medical group). A weight was equal to the total eligible population for that stratum divided by the total sample size for that stratum. In calculating rates for a population (medical group or statewide) the denominator was the sum of the weights for all patients in that population, and the numerator was the sum of the weights for patients in the population who met the numerator targets.

Weighting for Measures Collected by Direct Data Submission

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

Calculating Rates for Administrative and Hybrid HEDIS Measures

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

Calculating Rates for Measures Collected by Direct Data Submission

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

Assigning Payer Product Types for Measures Collected by Direct Data Submission

As part of MNCM's DDS process, medical groups submitted data directly to MNCM 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, MNCM developed a process to link DDS performance data to health plan enrollment data and appropriately assign product type per patient.

Limitations

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

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

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

Limitations and implications of using continuous enrollment criteria with MHCP patients

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

Patients can have interruptions in enrollment with a health plan. These interruptions are referred to as "gaps in enrollment." During a gap, a patient does not have health insurance coverage, making it less likely for him/her to obtain health care services. Unfortunately, MHCP patients may have multiple gaps during a 12 month period due to events such as the loss of MHCP eligibility. For most HEDIS measures, a 45 day gap still allows a patient to be included in a measure; however, a study of the Medicaid population in Oregon demonstrated that these patients often have gaps that exceed 45 days.[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.

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.

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 2017 with their rate during report year 2016, 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 (2015, 2016 and 2017). See "Medical Group Performance over Time (2015 to 2017)" in the "Results by Measure" section and Appendix 4 for detailed tables of medical groups.

Patterns in rate changes over the three reporting years (2015, 2016, and 2017) were reviewed. Only medical groups with rates for all three reporting periods per measure were included in the analysis. The analysis was defined as three reporting years to allow as many groups as possible to have three years of reported data and the opportunity to be included in the analysis. The percent and number of medical groups were reported for each of the following patterns of rate changes over the past three years for each measure:

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

Appendix 3: Medical Group and Clinic Performance Rate Tables

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

- The medical group/clinic name in order of high rate to low rate.
- The total number of patients in the denominator for each measure (N).
- The medical group/clinic's overall rate for each measure in their MHCP population.
- The lower and upper bounds of the 95 percent confidence interval.
- A rating that categorizes each medical group/clinic's performance. An "**Above Average**" 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 Average**" rating is for medical groups/clinics that have an average and confidence interval that is fully below the overall medical group/clinic average for MHCP patients.

Contents of Detailed Tables per Measure

Measures with Specification Changes from 2016 to 2017

Measures with an Increase in MHCP Rate

Measures with a Decrease in MHCP Rate

Table 15: Childhood Immunization Status (Combo 10) 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
Medical Group Average	2,925	38.7%	36.9%	40.5%	
HealthEast Clinics	228	58.8%	46.5%	70.1%	Above Average
Mankato Clinic, Ltd.	114	58.0%	45.7%	69.3%	Above Average
Mayo Clinic Health System-Owatonna	63	57.6%	47.4%	67.2%	Above Average
Mayo Clinic	63	57.1%	48.7%	65.0%	Above Average
HealthPartners Clinics	151	55.8%	49.3%	62.1%	Above Average
Sanford Health - Sioux Falls Region	63	55.8%	43.5%	67.4%	Above Average
CentraCare Health	61	52.7%	40.4%	64.7%	Above Average
Affiliated Community Medical Centers	63	47.1%	35.3%	59.3%	Average
Allina Health	161	46.7%	39.2%	54.4%	Above Average
Stellis Health, PA	63	45.8%	34.1%	58.0%	Average
Hennepin County Medical Center (HCMC) Clinics	63	40.3%	30.3%	51.2%	Average
# Children's Health Care	80	38.5%	27.5%	50.9%	Average
Olmsted Medical Center	137	36.4%	29.3%	44.0%	Average
Park Nicollet Health Services	66	31.4%	23.6%	40.4%	Average
Essentia Health	63	31.0%	25.2%	37.5%	Below Average
Sanford Health - Fargo Region	161	25.5%	19.2%	33.0%	Below Average
Fairview Medical Group	81	21.1%	12.8%	32.6%	Below Average
# Children's Clinic Network	92	18.9%	11.2%	30.3%	Below Average
Entira Family Clinics	63	18.7%	11.0%	30.0%	Below Average
Grand Itasca Clinic	63	17.5%	10.7%	27.3%	Below Average
University of Minnesota Physicians	63	10.2%	4.9%	20.1%	Below Average
St. Luke's Clinics	214	0.0%	0.0%	5.5%	Below Average

Table 16: Controlling High Blood Pressure by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	9,156	72.4%	71.5%	73.3%	
Entira Family Clinics	92	89.3%	81.3%	94.1%	Above Average
Mayo Clinic Health System - Mankato	97	83.5%	74.8%	89.6%	Above Average
Stellis Health, PA	68	81.7%	70.9%	89.1%	Average
CentraCare Health	148	81.6%	74.6%	87.1%	Above Average
Lake Region Healthcare	68	80.0%	69.0%	87.8%	Average
Altru Health System	70	79.7%	68.9%	87.5%	Average
Sanford Health - Fargo Region	384	79.7%	75.4%	83.4%	Above Average
Affiliated Community Medical Centers	136	79.1%	71.5%	85.1%	Average
HealthPartners Clinics	526	78.1%	74.4%	81.5%	Above Average
Northwest Family Physicians	73	77.6%	66.8%	85.7%	Average
Allina Health	807	77.6%	74.6%	80.4%	Above Average
Apple Valley Medical Clinic	75	77.5%	66.9%	85.5%	Average
St. Luke's Clinics	82	76.9%	66.7%	84.7%	Average
Alexandria Clinic	114	76.1%	67.5%	83.0%	Average
Essentia Health	458	76.1%	72.0%	79.8%	Average
Ridgeview Clinics	72	75.1%	64.0%	83.7%	Average
NorthPoint Health & Wellness Center	92	74.4%	64.6%	82.2%	Average
Gateway Family Health Clinic	76	74.3%	63.5%	82.8%	Average
Fairview Medical Group	310	73.8%	68.7%	78.4%	Average
University of Minnesota Physicians	164	73.7%	66.5%	79.8%	Average
HealthEast Clinics	150	73.4%	65.8%	79.8%	Average
Sanford Health - Sioux Falls Region	74	73.2%	62.1%	81.9%	Average
Hennepin County Medical Center (HCMC) Clinics	583	73.2%	69.4%	76.6%	Average
FirstLight Health System	85	73.1%	62.8%	81.4%	Average
Cuyuna Regional Medical Center	70	72.6%	61.2%	81.7%	Average
Fairview Mesaba Clinics	106	71.9%	62.6%	79.5%	Average
Mayo Clinic Health System - Fairmont	84	71.2%	60.8%	79.8%	Average
North Memorial	85	71.1%	60.7%	79.7%	Average
Riverwood Healthcare Center	66	70.9%	59.1%	80.5%	Average
Park Nicollet Health Services	215	70.0%	63.5%	75.7%	Average
Unity Family Healthcare - Avon	90	69.9%	59.8%	78.4%	Average
Tri-County Health Care	70	69.1%	57.6%	78.7%	Average
Mayo Clinic Health System - Albert Lea and Austin	148	68.6%	60.8%	75.6%	Average

Table 16: Controlling High Blood Pressure by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	9,156	72.4%	71.5%	73.3%	
Grand Itasca Clinic	228	68.3%	62.0%	74.0%	Average
North Clinic	77	67.8%	56.7%	77.1%	Average
Mayo Clinic Health System - Red Wing	149	67.6%	59.7%	74.5%	Average
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	97	67.5%	57.7%	76.0%	Average
Mayo Clinic	151	67.0%	59.2%	74.0%	Average
Gundersen Health System	75	66.2%	54.9%	75.9%	Average
Mayo Clinic Health System-Owatonna	191	65.1%	58.1%	71.5%	Below Average
Lakewood Health System	69	64.4%	52.6%	74.7%	Average
Lakeview Clinic	72	64.2%	52.6%	74.3%	Average
Mille Lacs Health System	73	64.1%	52.6%	74.1%	Average
Winona Health Services	79	63.8%	52.8%	73.5%	Average
Mankato Clinic, Ltd.	75	63.7%	52.4%	73.7%	Average
Olmsted Medical Center	228	63.3%	56.9%	69.3%	Below Average
Scenic Rivers Health Services	109	63.2%	53.9%	71.7%	Below Average
Neighborhood Healthsource	70	60.2%	48.5%	70.9%	Below Average
Raiter Clinic, LTD - IHN	78	59.8%	48.7%	69.9%	Below Average
Hutchinson Health	119	58.8%	49.8%	67.3%	Below Average
Multicare Associates	79	57.5%	46.5%	67.8%	Below Average
West Side Community Health Services	71	54.3%	42.8%	65.4%	Below Average
United Family Medicine	86	52.3%	41.9%	62.5%	Below Average
Community University Health Care Center	88	48.8%	38.6%	59.0%	Below Average
Open Cities Health Center	84	45.8%	35.5%	56.4%	Below Average
Cedar Riverside People's Center	92	36.4%	27.3%	46.6%	Below Average
St. Paul Family Medical Center	98	34.8%	26.1%	44.6%	Below Average
Advanced Medical Clinic	98	28.1%	20.1%	37.6%	Below Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
^Obstetrics, Gynecology and Infertility - Edina	62	91.9%	82.5%	96.5%	Above Average
^Obstetrics, Gynecology and Infertility - Maple Grove	49	81.6%	68.6%	90.0%	Above Average
CentraCare Health Plaza-Internal Medicine	153	79.7%	72.7%	85.3%	Above Average
CentraCare Health- Long Prairie	125	78.4%	70.4%	84.7%	Above Average
HCMC Clinics - Golden Valley Clinic	159	78.0%	70.9%	83.7%	Above Average
^CentraCare Health Plaza-Obstetrics and Women's Clinic	71	77.5%	66.5%	85.6%	Above Average
Allina Health Specialties - ANGMA - Edina	158	77.2%	70.1%	83.1%	Above Average
Allina Health - Chanhassen	193	77.2%	70.8%	82.6%	Above Average
Sanford Bemidji Main Clinic - Internal Medicine	92	77.2%	67.6%	84.6%	Above Average
HealthPartners - Ctr for Internatl Hlth	481	77.1%	73.2%	80.7%	Above Average
Mayo Clinic Health System Faribault Campus Location	182	76.9%	70.3%	82.5%	Above Average
Allina Health - Sharpe Dillon Cockson & Associates	52	76.9%	63.9%	86.3%	Above Average
Fairview Rogers Clinic	94	76.6%	67.1%	84.0%	Above Average
Sanford Hawley Clinic	34	76.5%	60.0%	87.6%	Above Average
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	55	76.4%	63.7%	85.6%	Above Average
^Associates In Women's Health - Edina	42	76.2%	61.5%	86.5%	Above Average
HealthPartners - West	175	76.0%	69.2%	81.7%	Above Average
Lakewood Health System - Motley Clinic	112	75.9%	67.2%	82.9%	Above Average
U of M Health - Fairview Maple Grove Medical Center	103	75.7%	66.6%	83.0%	Above Average
Sanford Blackduck Clinic	65	75.4%	63.7%	84.2%	Above Average
Fairview Prior Lake Clinic	117	75.2%	66.7%	82.2%	Above Average
Allina Health - Buffalo	345	75.1%	70.3%	79.3%	Above Average
Sanford Sioux Falls Internal Medicine Clinic	40	75.0%	59.8%	85.8%	Above Average
CentraCare Health- Sauk Centre	122	74.6%	66.2%	81.5%	Above Average
Perham Health New York Mills Clinic	39	74.4%	58.9%	85.4%	Above Average
Tri-County Health Care - Bertha Clinic	39	74.4%	58.9%	85.4%	Above Average
^Diamond Women's Center	135	74.1%	66.1%	80.7%	Above Average
^Southdale Obstetric and Gynecology Consultants- Edina	81	74.1%	63.6%	82.4%	Above Average
Fairview Crosstown Clinic	299	73.6%	68.3%	78.3%	Above Average
CentraCare Clinic - St. Joseph	68	73.5%	62.0%	82.6%	Above Average
Sanford Aberdeen Clinic	98	73.5%	64.0%	81.2%	Above Average
Fairview Farmington Clinic	66	72.7%	61.0%	82.0%	Above Average
EH East Deer River Clinic	282	72.7%	67.2%	77.6%	Above Average
Fairview Uptown Clinic	212	72.6%	66.3%	78.2%	Above Average
Fairview Andover Clinic	309	72.5%	67.3%	77.2%	Above Average
CentraCare River Campus-Internal Medicine	181	72.4%	65.5%	78.4%	Above Average
Allina Health - Eagan	304	72.4%	67.1%	77.1%	Above Average
Fairview Apple Valley Clinic	397	72.3%	67.7%	76.5%	Above Average
Mayo Clinic - Speciality Practice	198	72.2%	65.6%	78.0%	Above Average
Mayo Clinic Health System New Richland	32	71.9%	54.6%	84.4%	Average
CentraCare Health Paynesville- Richmond	71	71.8%	60.5%	81.0%	Above Average
Allina Health - Centennial Lakes	221	71.5%	65.2%	77.0%	Above Average
Mayo Clinic Health System Le Sueur	98	71.4%	61.8%	79.4%	Above Average
EH Central Crosslake Clinic	118	71.2%	62.5%	78.6%	Above Average
HealthPartners - Hlth Ctr for Women	135	71.1%	63.0%	78.1%	Above Average
Sanford Health Westbrook Clinic	38	71.1%	55.2%	83.0%	Average
Ortonville Area Health Services-Northside Medical Clinic	100	71.0%	61.5%	79.0%	Above Average
University of Minnesota Health - Primary Care Center	493	71.0%	66.8%	74.8%	Above Average
HealthPartners - University Ave	344	70.9%	65.9%	75.5%	Above Average
Fairview Eagan Clinic	300	70.7%	65.3%	75.5%	Above Average
Allina Health - Uptown	146	70.6%	62.7%	77.3%	Above Average
Sanford Canby Clinic	64	70.3%	58.2%	80.1%	Above Average
Fairview Zimmerman Clinic	148	70.3%	62.5%	77.1%	Above Average
Mayo Clinic Health System Fairmont	383	70.2%	65.5%	74.6%	Above Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
CentraCare Clinic - Northway	277	70.0%	64.4%	75.1%	Above Average
Fairview Burnsville Clinic	417	70.0%	65.5%	74.2%	Above Average
CentraCare Health- Monticello Medical Group	60	70.0%	57.5%	80.1%	Above Average
Sanford Health Ipswich Clinic	30	70.0%	52.1%	83.3%	Average
U of M Health - Women's Health Specialists Clinic	96	69.8%	60.0%	78.1%	Above Average
Allina Health - Vadnais Heights	109	69.7%	60.6%	77.6%	Above Average
Fairview Brooklyn Park Clinic	666	69.7%	66.1%	73.0%	Above Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	491	69.7%	65.5%	73.6%	Above Average
Allina Health - Plymouth	454	69.6%	65.2%	73.7%	Above Average
Sanford Health Detroit Lakes Clinic	305	69.5%	64.1%	74.4%	Above Average
Park Nicollet Clinic - Champlin	59	69.5%	56.9%	79.8%	Above Average
Fairview Elk River Clinic	190	69.5%	62.6%	75.6%	Above Average
Mayo Clinic Health System New Prague	85	69.4%	59.0%	78.2%	Above Average
Edina Sports + Family Medicine	49	69.4%	55.5%	80.5%	Average
Fairview Riverside Integrated Primary Care	137	69.3%	61.2%	76.5%	Above Average
Allina Health - Forest Lake	286	69.2%	63.7%	74.3%	Above Average
Park Nicollet Clinic - Golden Valley	185	69.2%	62.2%	75.4%	Above Average
Allina Health - Edina	175	69.1%	62.0%	75.5%	Above Average
Centracare Clinic-Albany	97	69.1%	59.3%	77.4%	Above Average
Mayo Clinic Health System Mankato Northridge	173	68.8%	61.5%	75.2%	Above Average
Fairview New Brighton Clinic	272	68.8%	63.0%	74.0%	Above Average
Fairview Hugo Clinic	86	68.6%	58.2%	77.4%	Above Average
HealthPartners - White Bear Lake	140	68.6%	60.5%	75.7%	Above Average
Fairview Fridley Clinic	447	68.5%	64.0%	72.6%	Above Average
Sanford Fargo Southpointe Clinic - Internal Medicine	133	68.4%	60.1%	75.7%	Above Average
CentraCare Clinic- Big Lake	57	68.4%	55.5%	79.0%	Average
Allina Health - Cokato	76	68.4%	57.3%	77.8%	Above Average
Fairview Princeton Clinic	478	68.4%	64.1%	72.4%	Above Average
Allina Health - Richfield	495	68.3%	64.1%	72.2%	Above Average
HealthPartners - Arden Hills	220	68.2%	61.8%	74.0%	Above Average
Mankato Clinic - Daniel's Health Center	66	68.2%	56.2%	78.2%	Above Average
EH Central Pillager Clinic	44	68.2%	53.4%	80.0%	Average
Park Nicollet Clinic - Wayzata	185	68.1%	61.1%	74.4%	Above Average
Allina Health - Champlin	260	68.1%	62.2%	73.4%	Above Average
Mayo Clinic Health System Springfield	75	68.0%	56.8%	77.5%	Above Average
CentraCare Health Paynesville- Cold Spring	53	67.9%	54.5%	78.9%	Average
Park Nicollet Clinic - Prairie Center	134	67.9%	59.6%	75.2%	Above Average
EH East Grand Rapids Clinic	59	67.8%	55.1%	78.3%	Average
Mankato Clinic - Mapleton	43	67.4%	52.5%	79.5%	Average
Allina Health - Farmington	132	67.4%	59.0%	74.8%	Above Average
Allina Health - Shoreview	291	67.4%	61.8%	72.5%	Above Average
Mayo Clinic Health System Faribault Hwy 60	52	67.3%	53.8%	78.5%	Average
^Oakdale Obstetrics & Gynecology, PA - Maple Grove	156	67.3%	59.6%	74.2%	Above Average
EH East Lakeside Clinic	217	67.3%	60.8%	73.2%	Above Average
Allina Health - Burnsville	165	67.3%	59.8%	74.0%	Above Average
Gundersen Health System - La Crescent Clinic	73	67.1%	55.7%	76.8%	Average
Allina Health - Chaska	158	67.1%	59.4%	73.9%	Above Average
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	82	67.1%	56.3%	76.3%	Above Average
Sanford Bemidji Main Clinic - Family Medicine	294	67.0%	61.4%	72.1%	Above Average
Park Nicollet Clinic - Eagan	236	67.0%	60.7%	72.6%	Above Average
Allina Health - Brooklyn Park	202	66.8%	60.1%	73.0%	Above Average
Allina Health - Nicollet Mall	355	66.8%	61.7%	71.5%	Above Average
Fairview Bass Lake Clinic	144	66.7%	58.6%	73.8%	Above Average
Perham Health Clinic	168	66.7%	59.2%	73.4%	Above Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
CentraCare Clinic - Becker	60	66.7%	54.1%	77.3%	Average
Scenic Rivers Health Services - Northome	54	66.7%	53.4%	77.8%	Average
Mayo Clinic - Northeast	188	66.5%	59.5%	72.9%	Above Average
Mayo Clinic Health System Waseca	169	66.3%	58.9%	73.0%	Above Average
Mayo Clinic Health System Montgomery	74	66.2%	54.9%	76.0%	Average
Fairview Rush City Clinic	133	66.2%	57.8%	73.7%	Above Average
Fairview Milaca Clinic	195	66.2%	59.3%	72.4%	Above Average
Mayo Clinic Health System Mankato Eastridge	381	66.1%	61.3%	70.7%	Above Average
EH Central Baxter Clinic	354	66.1%	61.0%	70.8%	Above Average
Northfield Hospital + Clinics - Northfield Clinic	88	65.9%	55.5%	75.0%	Average
Fairview EdenCenter Clinic	302	65.9%	60.4%	71.0%	Above Average
Entira Family Clinics - White Bear Lake-Bellaire Avenue	93	65.6%	55.5%	74.5%	Average
Sanford Jackson Clinic	61	65.6%	53.1%	76.3%	Average
Mayo Clinic - Baldwin Building, Family Medicine	151	65.6%	57.7%	72.7%	Above Average
North Memorial Clinic - New Hope	148	65.5%	57.6%	72.7%	Above Average
Park Nicollet Clinic - Shakopee	467	65.5%	61.1%	69.7%	Above Average
EH East Duluth Clinic 1st St	579	65.5%	61.5%	69.2%	Above Average
Allina Health - Blaine	159	65.4%	57.7%	72.4%	Above Average
HealthPartners - Lino Lakes	118	65.3%	56.3%	73.2%	Above Average
Fairview Columbia Heights Clinic	561	65.2%	61.2%	69.1%	Above Average
Allina Health - Isles	230	65.2%	58.9%	71.1%	Above Average
EH East Northern Pines Clinic	154	64.9%	57.1%	72.0%	Above Average
Fairview Bloomington Lake Xerxes	199	64.8%	58.0%	71.1%	Above Average
Sanford Moorhead Clinic - Family Medicine	142	64.8%	56.6%	72.2%	Above Average
Allina Health - Hopkins	102	64.7%	55.1%	73.3%	Average
Mayo Clinic Health System Belle Plaine	65	64.6%	52.5%	75.1%	Average
Entira Family Clinics - Highland	113	64.6%	55.4%	72.8%	Average
Fairview Hiawatha Clinic	367	64.6%	59.6%	69.3%	Above Average
Allina Health - Ramsey	341	64.5%	59.3%	69.4%	Above Average
Avera - Pipestone County Medical Center	197	64.5%	57.6%	70.8%	Above Average
Mayo Clinic Health System Lake Crystal	45	64.4%	49.8%	76.8%	Average
Mayo Clinic - Northwest	90	64.4%	54.2%	73.6%	Average
Alexandria Clinic, A Service of Douglas County Hospital	528	64.4%	60.2%	68.4%	Above Average
Allina Health - St. Michael	115	64.4%	55.3%	72.5%	Average
Olmsted Medical Center - Pine Island Clinic	42	64.3%	49.2%	77.0%	Average
EH Central Brainerd Clinic	655	64.3%	60.5%	67.9%	Above Average
Sanford Health Valley City Clinic	67	64.2%	52.2%	74.6%	Average
EH West Detroit Lakes Clinic	496	64.1%	59.8%	68.2%	Above Average
HealthPartners - Brooklyn Center	331	64.1%	58.7%	69.0%	Above Average
Fairview Lakeville Clinic	86	64.0%	53.4%	73.3%	Average
North Memorial Clinic - Plymouth City Center	219	63.9%	57.4%	70.0%	Above Average
Sanford Sioux Falls 49th & Oxbow Family Medicine Clinic	36	63.9%	47.6%	77.5%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	869	63.9%	60.6%	67.0%	Above Average
Scenic Rivers Health Services - Floodwood	47	63.8%	49.5%	76.0%	Average
HealthPartners - Inver Grove Heights	221	63.8%	57.3%	69.9%	Above Average
HealthPartners - Elk River	171	63.7%	56.3%	70.6%	Above Average
Allina Health - Maple Grove	102	63.7%	54.1%	72.4%	Average
EH East Hermantown Clinic	256	63.7%	57.6%	69.3%	Above Average
Allina Health - Savage	143	63.6%	55.5%	71.1%	Average
Sanford Health Wahpeton Clinic	118	63.6%	54.6%	71.7%	Average
Allina Health - Cambridge	1,010	63.6%	60.6%	66.5%	Above Average
Fairview Oxboro Clinic	510	63.5%	59.3%	67.6%	Above Average
Mayo Clinic Health System Owatonna	775	63.5%	60.0%	66.8%	Above Average
Allina Health - United Medical Specialties	167	63.5%	55.9%	70.4%	Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Fairview Highland Park Clinic	172	63.4%	56.0%	70.2%	Average
Fairview Savage Clinic	101	63.4%	53.6%	72.1%	Average
Sanford Health Alexandria Broadway Clinic	308	63.3%	57.8%	68.5%	Above Average
EH West Moorhead	177	63.3%	56.0%	70.0%	Average
Mankato Clinic - Wickersham Campus	149	63.1%	55.1%	70.4%	Average
Allina Health Specialties - New Ulm Medical Center	540	63.0%	58.8%	66.9%	Above Average
Allina Health - West St. Paul	437	62.9%	58.3%	67.3%	Above Average
Allina Health - Bandana Square	541	62.9%	58.7%	66.8%	Above Average
Sanford Sioux Falls 41st & Sertoma Family Medicine Clinic	43	62.8%	47.9%	75.6%	Average
Sanford Fargo Broadway Clinic - Internal Medicine	137	62.8%	54.4%	70.4%	Average
Allina Health - Northfield	435	62.8%	58.1%	67.2%	Above Average
Fairview Chisago Lakes Clinic	228	62.7%	56.3%	68.7%	Above Average
Sanford Health Mahnomen Clinic	67	62.7%	50.7%	73.3%	Average
HCMC Clinics - Richfield Clinic	386	62.7%	57.8%	67.4%	Above Average
Allina Health - Highland Park	107	62.6%	53.2%	71.2%	Average
HealthPartners - Maplewood	408	62.5%	57.7%	67.1%	Above Average
Northfield Hospital + Clinics - Lonsdale Clinic	48	62.5%	48.4%	74.8%	Average
EH East Hayward Clinic	160	62.5%	54.8%	69.6%	Average
North Memorial Clinic - Northeast Family Physicians	189	62.4%	55.4%	69.0%	Average
EH West Walker Clinic	93	62.4%	52.2%	71.5%	Average
HealthPartners - Highland Park	53	62.3%	48.8%	74.1%	Average
Cuyuna Regional Medical Center - Baxter	151	62.3%	54.3%	69.6%	Average
Park Nicollet Clinic - Lakeville	45	62.2%	47.6%	74.9%	Average
Cromwell Medical Clinic, PLLC	37	62.2%	46.1%	75.9%	Average
Entira Family Clinics - Vadnais Heights	103	62.1%	52.5%	70.9%	Average
EH East Spooner Clinic	140	62.1%	53.9%	69.8%	Average
HealthPartners - Andover	190	62.1%	55.0%	68.7%	Average
HealthEast Vadnais Heights Clinic	145	62.1%	54.0%	69.6%	Average
HealthPartners - Eagan	108	62.0%	52.6%	70.6%	Average
HealthPartners - Apple Valley	252	61.9%	55.8%	67.7%	Average
Sanford Health Parkers Prairie Clinic	55	61.8%	48.6%	73.5%	Average
Riverwood Aitkin Clinic	348	61.8%	56.6%	66.7%	Above Average
EH West South University Clinic	120	61.7%	52.7%	69.9%	Average
Sanford Thief River Falls Clinic	253	61.7%	55.5%	67.4%	Average
Lakewood Health System - Pillager Clinic	177	61.6%	54.2%	68.4%	Average
Sanford Health Walker Clinic	65	61.5%	49.4%	72.4%	Average
Northwest Family Physicians - Plymouth	91	61.5%	51.3%	70.9%	Average
Allina Health - Shakopee	282	61.4%	55.6%	66.8%	Average
Sanford Health Wheaton Clinic	31	61.3%	43.8%	76.3%	Average
Stillwater Medical Group - Curve Crest Clinic	586	61.3%	57.3%	65.1%	Above Average
Fairview Lino Lakes Clinic	183	61.2%	54.0%	68.0%	Average
Mankato Clinic - North Mankato	152	61.2%	53.3%	68.6%	Average
Allina Health - Annandale	121	61.2%	52.3%	69.4%	Average
Allina Health - Bloomington	355	61.1%	56.0%	66.1%	Average
Mayo Family Clinic Southeast	77	61.0%	49.9%	71.2%	Average
HealthPartners - Coon Rapids	413	61.0%	56.2%	65.6%	Above Average
HealthPartners - Roseville	118	61.0%	52.0%	69.3%	Average
Fairview Riverside Family Practice	133	60.9%	52.4%	68.8%	Average
CentraCare Health- Paynesville Clinic	156	60.9%	53.1%	68.2%	Average
EH East Ely Clinic	263	60.8%	54.8%	66.5%	Average
Allina Health - Coon Rapids	1,639	60.8%	58.4%	63.2%	Above Average
Sanford Moorhead Clinic - Internal Medicine	148	60.8%	52.8%	68.3%	Average
EH East Lakewalk Clinic	127	60.6%	51.9%	68.7%	Average
Allina Health - Faribault	553	60.6%	56.5%	64.6%	Above Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Burnsville Family Physicians	71	60.6%	48.9%	71.1%	Average
Allina Health - Lakeville	119	60.5%	51.5%	68.8%	Average
Sanford Worthington Clinic	129	60.5%	51.8%	68.5%	Average
Sanford Health Windom Clinic	43	60.5%	45.6%	73.6%	Average
Fairview Rosemount Clinic	101	60.4%	50.7%	69.4%	Average
Sanford Cass Lake Clinic	63	60.3%	48.0%	71.5%	Average
Altru Health System - Warroad	83	60.2%	49.5%	70.1%	Average
EH East West Duluth Clinic	377	60.2%	55.2%	65.0%	Average
EH East Virginia Clinic	339	60.2%	54.9%	65.3%	Average
Park Nicollet Clinic - Carlson	261	60.2%	54.1%	65.9%	Average
Riverwood Garrison Clinic	55	60.0%	46.8%	71.9%	Average
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	50	60.0%	46.2%	72.4%	Average
Allina Health - First Street	441	59.9%	55.2%	64.3%	Average
Mayo Clinic Health System Albert Lea	694	59.8%	56.1%	63.4%	Average
Park Nicollet Clinic - Bloomington	256	59.8%	53.7%	65.6%	Average
Mayo Clinic Health System St. Peter	206	59.7%	52.9%	66.2%	Average
EH East Superior Clinic	275	59.6%	53.7%	65.3%	Average
North Memorial Clinic - Brooklyn Center Physicians	270	59.6%	53.7%	65.3%	Average
HealthPartners - St Paul	770	59.6%	56.1%	63.0%	Average
Mankato Clinic - Main Street	438	59.6%	54.9%	64.1%	Average
Fairview Lakes Medical Center	403	59.6%	54.7%	64.2%	Average
Fairview Blaine Clinic	178	59.6%	52.2%	66.5%	Average
Renville County Hospital and Clinics - Renville	42	59.5%	44.5%	73.0%	Average
Park Nicollet Clinic - Brookdale	644	59.5%	55.6%	63.2%	Average
^Obstetrics & Gynecology Specialists - Burnsville	37	59.5%	43.5%	73.7%	Average
Allina Health - Dean Lakes	106	59.4%	49.9%	68.3%	Average
University of Minnesota Health - Mill City Clinic	69	59.4%	47.6%	70.2%	Average
Mayo Clinic Health System Mankato Specialty Clinic	133	59.4%	50.9%	67.4%	Average
Sanford Fargo North Fargo Clinic	96	59.4%	49.4%	68.7%	Average
Stellis Health-Buffalo Clinic	388	59.3%	54.3%	64.1%	Average
Allina Health - Elk River	194	59.3%	52.3%	66.0%	Average
EH East Hibbing Clinic	157	59.2%	51.4%	66.6%	Average
Mayo Clinic - Kasson	103	59.2%	49.6%	68.2%	Average
Lakewood Health System - Staples Clinic	159	59.1%	51.4%	66.5%	Average
Sanford West Fargo Clinic - Family Medicine	44	59.1%	44.4%	72.3%	Average
EH East Proctor Clinic	88	59.1%	48.7%	68.8%	Average
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	127	59.1%	50.4%	67.2%	Average
CentraCare Health Plaza-Family Medicine	327	59.0%	53.6%	64.2%	Average
Cuyuna Regional Medical Center-Clinic Services	582	58.9%	54.9%	62.9%	Average
Mayo Clinic Health System Wabasha	153	58.8%	50.9%	66.3%	Average
Avera Medical Group - Marshall	97	58.8%	48.8%	68.0%	Average
HCMC Clinics - St. Anthony Village Clinic	121	58.7%	49.8%	67.1%	Average
Sanford Luverne Clinic	111	58.6%	49.3%	67.3%	Average
Valley Family Practice	53	58.5%	45.1%	70.7%	Average
Mayo Clinic Health System Austin	668	58.4%	54.6%	62.1%	Average
Northwest Family Physicians - Rogers	96	58.3%	48.3%	67.7%	Average
Mayo Clinic Health System Waterville	36	58.3%	42.2%	72.9%	Average
Sanford Lakefield Clinic	36	58.3%	42.2%	72.9%	Average
Affiliated Community Medical Centers - Redwood Falls Clinic	206	58.3%	51.4%	64.8%	Average
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	43	58.1%	43.3%	71.6%	Average
HealthPartners - Hugo	31	58.1%	40.8%	73.6%	Average
Sanford Health Mountain Lake Clinic	31	58.1%	40.8%	73.6%	Average
Ridgeview Arlington Clinic	31	58.1%	40.8%	73.6%	Average
EH West Graceville Clinic	31	58.1%	40.8%	73.6%	Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Allina Health - Maplewood	478	58.0%	53.5%	62.3%	Average
HealthPartners - Bloomington	252	57.9%	51.8%	63.9%	Average
RR Health Services dba Fairview Mesaba Clinic - Hibbing	404	57.9%	53.1%	62.6%	Average
Allina Health - Woodbury	382	57.9%	52.9%	62.7%	Average
Mille Lacs Health System - Hillman	109	57.8%	48.4%	66.7%	Average
HealthPartners - Woodbury	443	57.8%	53.1%	62.3%	Average
Altru Health System - Roseau	194	57.7%	50.7%	64.5%	Average
Altru Health System - Family Medicine Center	130	57.7%	49.1%	65.8%	Average
Mayo Clinic Health System Adams	52	57.7%	44.2%	70.1%	Average
Mayo Clinic Health System Red Wing in Zumbrota	130	57.7%	49.1%	65.8%	Average
HCMC Clinics - Downtown Medicine Clinic	2,252	57.7%	55.6%	59.7%	Average
CentraCare Health- Melrose	85	57.7%	47.0%	67.6%	Average
Affiliated Community Medical Centers - Willmar Clinic	747	57.6%	54.0%	61.1%	Average
Allina Health - East Lake Street	332	57.5%	52.2%	62.7%	Average
Entira Family Clinics - Inver Grove Heights	153	57.5%	49.6%	65.1%	Average
Sanford Health Pelican Rapids Clinic	47	57.5%	43.3%	70.5%	Average
St. Croix Regional Medical Center - Lindstrom Clinic	54	57.4%	44.2%	69.7%	Average
EH West Menahga Clinic	68	57.4%	45.5%	68.4%	Average
HealthPartners - Midway	614	57.3%	53.4%	61.2%	Average
HealthPartners - Anoka	399	57.1%	52.2%	61.9%	Average
HCMC Clinics - East Lake Clinic	322	57.1%	51.7%	62.4%	Average
Park Nicollet Clinic - Plymouth	267	56.9%	50.9%	62.7%	Average
Entira Family Clinics - North St. Paul	262	56.9%	50.8%	62.7%	Average
EH West West Acres Clinic	44	56.8%	42.2%	70.3%	Average
^Entira Family Clinics - Como/Roseville	250	56.8%	50.6%	62.8%	Average
North Memorial Clinic - Golden Valley Physicians	206	56.8%	50.0%	63.4%	Average
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	125	56.8%	48.0%	65.2%	Average
Lakewood Health System - Browerville Clinic	134	56.7%	48.3%	64.8%	Average
Avera Medical Group - Windom	60	56.7%	44.1%	68.4%	Average
Renville County Hospital and Clinics - Hector	62	56.5%	44.1%	68.1%	Average
Sanford Bagley Clinic	101	56.4%	46.7%	65.7%	Average
Mayo Clinic Health System Red Wing	514	56.4%	52.1%	60.6%	Average
Allina Health - Inver Grove Heights	243	56.4%	50.1%	62.5%	Average
Gundersen Health System - Harmony Clinic	55	56.4%	43.3%	68.6%	Average
Stillwater Medical Group - Somerset Clinic	64	56.3%	44.1%	67.7%	Average
HealthPartners Central Minnesota Clinics	527	56.2%	51.9%	60.3%	Average
HealthPartners - Nokomis	139	56.1%	47.8%	64.1%	Average
Avera Medical Group - Worthington	196	56.1%	49.1%	62.9%	Average
North Memorial Clinic - Camden	246	56.1%	49.9%	62.2%	Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	150	56.0%	48.0%	63.7%	Average
Chippewa County Montevideo Hospital & Medical Clinic	250	56.0%	49.8%	62.0%	Average
AALFA Family Clinic-MHN	50	56.0%	42.3%	68.8%	Average
North Memorial Clinic - Arbor Lakes	168	56.0%	48.4%	63.2%	Average
Allina Health - Cottage Grove	368	55.7%	50.6%	60.7%	Average
Family Medical Center	546	55.7%	51.5%	59.8%	Average
Scenic Rivers Health Services - Bigfork/Big Falls	185	55.7%	48.5%	62.7%	Average
EH West Park Rapids Clinic	340	55.6%	50.3%	60.8%	Average
Gateway Family Health Clinic - Moose Lake	619	55.6%	51.6%	59.4%	Average
Fairview Bloomington Lake Minneapolis	306	55.6%	50.0%	61.0%	Average
Grand Itasca Clinic	846	55.6%	52.2%	58.9%	Average
HCMC Clinics - Brooklyn Center Clinic	285	55.4%	49.6%	61.1%	Average
Park Nicollet Clinic - Maple Grove	267	55.4%	49.4%	61.3%	Average
Johnson Memorial Health Services - Dawson Clinic	92	55.4%	45.3%	65.2%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	670	55.4%	51.6%	59.1%	Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Fairview North Branch Clinic	255	55.3%	49.2%	61.3%	Average
^OBGYN West - Ridgedale	40	55.0%	39.8%	69.3%	Average
Affiliated Community Medical Centers - New London Clinic	111	55.0%	45.7%	63.9%	Average
Park Nicollet Clinic - Burnsville	652	54.9%	51.1%	58.7%	Average
FirstLight Health System - Mora	525	54.9%	50.6%	59.1%	Average
Randall Lakes Area Clinic	44	54.6%	40.1%	68.3%	Average
Affiliated Community Medical Centers- Marshall Clinic	398	54.5%	49.6%	59.4%	Average
Altru Health System - Professional Center	46	54.4%	40.2%	67.9%	Average
North Memorial - Minnetonka Medical Center	94	54.3%	44.2%	64.0%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	979	54.2%	51.1%	57.3%	Average
Duluth Family Medicine Clinic	273	54.2%	48.3%	60.0%	Average
Allina Health - Fridley	323	54.2%	48.7%	59.5%	Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	102	53.9%	44.3%	63.3%	Average
Ridgeview Chanhassen Clinic	115	53.9%	44.8%	62.8%	Average
North Memorial Clinic - Brooklyn Park Physicians	238	53.8%	47.4%	60.0%	Average
Mayo Clinic Health System Cannon Falls	147	53.7%	45.7%	61.6%	Average
Sanford Chamberlain Clinic	41	53.7%	38.8%	67.9%	Average
Fairview Pine City Clinic	88	53.4%	43.1%	63.5%	Average
Sanford Health Watertown Clinic	45	53.3%	39.1%	67.1%	Average
NorthPoint Health & Wellness Center	1,419	53.3%	50.7%	55.9%	Below Average
Altru Health System - Erskine	32	53.1%	36.5%	69.1%	Average
HealthEast Midway Clinic	281	53.0%	47.2%	58.8%	Average
RR Health Services dba Fairview Mesaba Clinic - Nashwauk	100	53.0%	43.3%	62.5%	Average
Lake Superior Community Health Center-Superior	136	52.9%	44.6%	61.1%	Average
EH West Wahpeton Clinic	36	52.8%	37.0%	68.0%	Average
North Memorial Clinic - Maple Grove	148	52.7%	44.7%	60.6%	Average
Entira Family Clinics - West St. Paul	167	52.7%	45.2%	60.1%	Average
Sanford Fargo Internal Medicine Residency Clinic	76	52.6%	41.6%	63.5%	Average
Tri-County Health Care - Henning Clinic	76	52.6%	41.6%	63.5%	Average
France Avenue Family Physicians - MN Healthcare Network	99	52.5%	42.8%	62.1%	Average
Northfield Hospital + Clinics - Farmington Clinic	40	52.5%	37.5%	67.1%	Average
HealthPartners - Como	385	52.5%	47.5%	57.4%	Average
EH Central Pine River Clinic	271	52.4%	46.5%	58.3%	Average
HCMC Clinics - Brooklyn Park Clinic	279	52.3%	46.5%	58.1%	Average
HealthEast Grand Avenue Clinic	268	52.2%	46.3%	58.2%	Average
Centracare Clinic-SCMG Northwest	450	52.2%	47.6%	56.8%	Average
FirstLight Health System - Pine City	192	52.1%	45.1%	59.0%	Average
Mayo Clinic Health System Lake City	123	52.0%	43.3%	60.7%	Average
North Memorial Clinic - St. Anthony	248	52.0%	45.8%	58.2%	Average
^Partners Obstetrics & Gynecology, PA	75	52.0%	40.9%	62.9%	Average
Glencoe Regional Health Services - Glencoe	258	51.9%	45.9%	58.0%	Average
Olmsted Medical Center - St. Charles Clinic	52	51.9%	38.7%	64.9%	Average
EH West Fosston Clinic	251	51.8%	45.6%	57.9%	Average
EH East International Falls Clinic	280	51.8%	46.0%	57.6%	Average
Park Nicollet Clinic - Chanhassen	416	51.7%	46.9%	56.5%	Average
Hutchinson Health - Hutchinson Clinic	513	51.7%	47.3%	56.0%	Below Average
Ridgeview Winthrop Clinic	33	51.5%	35.2%	67.5%	Average
Park Nicollet Clinic - Shorewood	109	51.4%	42.1%	60.6%	Average
EH Central Hackensack Clinic	37	51.4%	35.9%	66.6%	Average
Richfield Medical Group	76	51.3%	40.3%	62.2%	Average
EH West Ada Clinic	76	51.3%	40.3%	62.2%	Average
Mayo Clinic Health System Kiester	39	51.3%	36.2%	66.1%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	119	51.3%	42.4%	60.1%	Average
Sanford Health Jamestown Clinic	135	51.1%	42.8%	59.4%	Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Tri-County Health Care - Wadena Clinic	412	51.0%	46.2%	55.8%	Below Average
HealthEast Woodbury Clinic	185	50.8%	43.7%	57.9%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	431	50.6%	45.9%	55.3%	Below Average
Entira Family Clinics - Woodbury	180	50.6%	43.3%	57.8%	Average
Altru Health System - Grand Forks Family Medicine Residency	111	50.5%	41.3%	59.6%	Average
Olmsted Medical Center - Rochester Southeast	562	50.4%	46.2%	54.5%	Below Average
Multicare Associates - Fridley Medical Center	380	50.3%	45.3%	55.3%	Below Average
HealthEast Hugo Clinic	60	50.0%	37.7%	62.3%	Average
Centracare Clinic-SCMG Clearwater Medical Clinic	106	50.0%	40.7%	59.4%	Average
Olmsted Medical Center - Preston Clinic	72	50.0%	38.8%	61.3%	Average
Mayo Clinic Health System Janesville	30	50.0%	33.2%	66.9%	Average
EH East Ashland Clinic	146	50.0%	42.0%	58.0%	Average
Allina Health - Edina Family Physicians	305	49.8%	44.3%	55.4%	Below Average
Riverwood McGregor Clinic	217	49.8%	43.2%	56.4%	Average
Mille Lacs Health System - Isle	459	49.7%	45.1%	54.2%	Below Average
RiverView Clinic	133	49.6%	41.3%	58.0%	Average
HealthEast Downtown St. Paul Clinic	250	49.6%	43.5%	55.8%	Below Average
Ridgeview Westonka Clinic	248	49.6%	43.4%	55.8%	Below Average
Southside Medical Clinic	206	49.5%	42.8%	56.3%	Average
^Metropolitan Obstetrics and Gynecology - Gallery Professional Building	91	49.5%	39.4%	59.5%	Average
Altru Health System - Crookston	160	49.4%	41.7%	57.1%	Average
Entira Family Clinics - White Bear Lake/Banning Ave	140	49.3%	41.1%	57.5%	Average
Park Nicollet Clinic - Prior Lake	199	49.3%	42.4%	56.1%	Below Average
HealthEast Stillwater Clinic	63	49.2%	37.3%	61.2%	Average
North Clinic - Oakdale Office in Robbinsdale	114	49.1%	40.1%	58.2%	Average
U of M Physicians - Phalen Village Family Medicine Clinic	442	49.1%	44.5%	53.7%	Below Average
Olmsted Medical Center - Byron Clinic	53	49.1%	36.1%	62.1%	Average
Altru Health System - Main	157	49.0%	41.3%	56.8%	Average
U of M Physicians - Broadway Family Medicine Clinic	425	48.9%	44.2%	53.7%	Below Average
EH East Chisholm Clinic	47	48.9%	35.3%	62.8%	Average
Sawtooth Mountain Clinic, Inc	217	48.9%	42.3%	55.5%	Below Average
^HCMC Clinics - HCMC OB/GYN Clinic	43	48.8%	34.6%	63.3%	Average
Stellis Health-Monticello Clinic	281	48.8%	43.0%	54.6%	Below Average
Northwest Family Physicians - Crystal	347	48.7%	43.5%	54.0%	Below Average
Park Nicollet Clinic - Minneapolis	611	48.6%	44.7%	52.6%	Below Average
FirstLight Health System - Hinckley	97	48.5%	38.8%	58.3%	Average
Mayo Clinic Health System St. James	221	48.4%	41.9%	55.0%	Below Average
Ridgeview Henderson Clinic	31	48.4%	32.0%	65.2%	Average
North Clinic - Maple Grove Office	230	48.3%	41.9%	54.7%	Below Average
Allina Health - Oakdale Clinic	52	48.1%	35.1%	61.3%	Average
Mille Lacs Health System - Onamia	527	48.0%	43.8%	52.3%	Below Average
Parkview Medical Clinic	75	48.0%	37.1%	59.1%	Average
North Clinic - Osseo Office	196	48.0%	41.1%	54.9%	Below Average
Synergy Family Physicians, P.A.	48	47.9%	34.5%	61.7%	Average
Centracare Clinic-SCMG St. Cloud Medical Group South	314	47.8%	42.3%	53.3%	Below Average
Allina Health Specialties - Courage Kenny Rehab - Golden Valley	84	47.6%	37.3%	58.2%	Average
HealthPartners - Riverside	343	47.2%	42.0%	52.5%	Below Average
Sanford Rock Rapids Clinic	36	47.2%	32.0%	63.0%	Average
Renville County Hospital and Clinics - Olivia	72	47.2%	36.1%	58.6%	Average
Lac Qui Parle Clinic	70	47.1%	35.9%	58.7%	Average
Park Nicollet Clinic - Rogers	68	47.1%	35.7%	58.8%	Average
Prairie Ridge Hospital & Health Services - Morris	51	47.1%	34.1%	60.5%	Average
West Side Community Health Services - La Clinica	442	47.1%	42.5%	51.7%	Below Average
Gateway Family Health Clinic - Sandstone	264	47.0%	41.0%	53.0%	Below Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
EH West Bagely Clinic	32	46.9%	30.9%	63.6%	Average
LakeWood Health Center Clinic	109	46.8%	37.7%	56.1%	Below Average
HealthPartners - Cottage Grove	62	46.8%	34.9%	59.0%	Average
HCMC Clinics - Positive Care Clinic	330	46.7%	41.4%	52.1%	Below Average
HealthEast Tamarack Clinic Woodbury	133	46.6%	38.4%	55.1%	Below Average
CentraCare Health- Family Health Center	462	46.5%	42.0%	51.1%	Below Average
North Clinic - Plymouth	258	46.5%	40.5%	52.6%	Below Average
Stillwater Medical Group - Mahtomedi Clinic	43	46.5%	32.5%	61.1%	Average
Cuyuna Regional Medical Center-Longville	86	46.5%	36.4%	57.0%	Average
United Family Medicine	1,006	46.3%	43.3%	49.4%	Below Average
Hendricks Clinic	54	46.3%	33.7%	59.4%	Average
Park Nicollet Clinic - Creekside	132	46.2%	37.9%	54.7%	Below Average
Lake Region Healthcare - Battle Lake Clinic	39	46.2%	31.6%	61.4%	Average
HealthEast Cottage Grove Clinic	122	45.9%	37.3%	54.7%	Below Average
Entira Family Clinics - Shoreview	85	45.9%	35.7%	56.4%	Average
North Memorial Clinic - Blaine	96	45.8%	36.2%	55.8%	Below Average
HCMC Clinics - Hennepin Center for Senior Care	72	45.8%	34.8%	57.3%	Average
Life Medical	155	45.8%	38.2%	53.7%	Below Average
U of M Physicians - Bethesda Family Medicine Clinic	691	45.7%	42.1%	49.5%	Below Average
Olmsted Medical Center - Stewartville Clinic	92	45.7%	35.9%	55.8%	Below Average
West Side Community Health Services - East Side Family Clinic	759	45.6%	42.1%	49.1%	Below Average
Lake Region Healthcare Clinic Services - Fergus Falls	643	45.6%	41.8%	49.4%	Below Average
Multicare Associates - Blaine Medical Center	330	45.5%	40.2%	50.9%	Below Average
Sanford Sheldon Clinic	64	45.3%	33.7%	57.4%	Average
Ridgeview Delano Clinic	159	45.3%	37.8%	53.0%	Below Average
HealthEast Maplewood Clinic	179	45.3%	38.1%	52.6%	Below Average
Stellis Health - Albertville-St. Michael Clinic	78	44.9%	34.3%	55.9%	Below Average
HealthEast Oakdale	212	44.8%	38.3%	51.5%	Below Average
EH Central Pequot Lakes Clinic	117	44.4%	35.8%	53.5%	Below Average
Family Practice Medical Center of Willmar	313	44.4%	39.0%	50.0%	Below Average
Ridgeview Chaska Clinic	70	44.3%	33.3%	55.9%	Below Average
Winona Health - Winona Clinic	909	44.2%	41.0%	47.5%	Below Average
North Memorial Clinic - Elk River Physicians	111	44.1%	35.3%	53.4%	Below Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	290	44.1%	38.5%	49.9%	Below Average
Vibrant Health Family Clinics and MN Hlth Ntwrk-River Falls	84	44.1%	33.9%	54.7%	Below Average
Entira Family Clinics - Maplewood/Battle Creek	217	43.8%	37.3%	50.4%	Below Average
Entira Family Clinics - East Side	373	43.7%	38.8%	48.8%	Below Average
Mayo Clinic Health System Plainview	55	43.6%	31.4%	56.7%	Average
Gateway Family Health Clinic - Hinckley	62	43.6%	31.9%	55.9%	Below Average
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	60	43.3%	31.6%	55.9%	Below Average
Scandia Clinic	44	43.2%	29.7%	57.8%	Average
Olmsted Medical Center - Rochester Northwest	130	43.1%	34.9%	51.7%	Below Average
HealthEast Rice Street Clinic	790	43.0%	39.6%	46.5%	Below Average
Scenic Rivers Health Services - Cook	121	43.0%	34.5%	51.9%	Below Average
Integracare Ltd dba Williams Clinic	114	43.0%	34.3%	52.2%	Below Average
West Side Community Hlth Srvcs - McDonough Homes Clinic	294	42.9%	37.3%	48.6%	Below Average
Madelia Community Hospital & Clinic	56	42.9%	30.8%	55.9%	Below Average
Neighborhood HealthSource - Sheridan Clinic	101	42.6%	33.4%	52.3%	Below Average
Altru Health System - Red Lake Falls	33	42.4%	27.2%	59.2%	Average
^Park Nicollet Clinic - Women's Services	104	42.3%	33.3%	51.9%	Below Average
Centracare Clinic-SCMG Cold Spring Medical Clinic	45	42.2%	29.0%	56.7%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	555	42.2%	38.1%	46.3%	Below Average
Multicare Associates - Roseville Medical Center	121	42.2%	33.7%	51.1%	Below Average
HCMC Clinics - Coordinated Care Clinic	100	42.0%	32.8%	51.8%	Below Average

Table 17.1: Colorectal Cancer Screening by Clinic

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

Clinic Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Altru Health System - Lake Region	48	41.7%	28.9%	55.7%	Below Average
Gundersen Health System - Spring Grove Clinic	36	41.7%	27.1%	57.8%	Average
Mille Lacs Health System - Garrison	63	41.3%	30.0%	53.6%	Below Average
St. Croix Regional Medical Center - Unity Clinic	39	41.0%	27.1%	56.6%	Average
Mayo Clinic Health System Alden	32	40.6%	25.5%	57.7%	Average
Lake Region Healthcare - Barnesville Clinic	64	40.6%	29.5%	52.9%	Below Average
Olmsted Medical Center - Spring Valley Clinic	52	40.4%	28.2%	53.9%	Below Average
Allina Health Specialties - ANGMA - Mpls	72	40.3%	29.7%	51.8%	Below Average
Raiter Clinic	416	40.1%	35.5%	44.9%	Below Average
Northfield Hospital + Clinics - Lakeville Clinic	40	40.0%	26.4%	55.4%	Below Average
Ridgeview Excelsior Clinic	93	39.8%	30.4%	50.0%	Below Average
Stevens Community Medical Center - Starbuck Clinic	58	39.7%	28.1%	52.5%	Below Average
Olmsted Medical Center - Chatfield Clinic	53	39.6%	27.6%	53.1%	Below Average
Tyler Medical Clinic - Avera	46	39.1%	26.4%	53.5%	Below Average
Community-University Health Care Center	773	38.9%	35.6%	42.4%	Below Average
HealthEast Roselawn Clinic	833	38.9%	35.6%	42.3%	Below Average
Park Nicollet Clinic - SmartCare	36	38.9%	24.8%	55.1%	Below Average
HealthEast Roseville Clinic	90	38.9%	29.5%	49.2%	Below Average
Sanford East Grand Forks Clinic	93	38.7%	29.5%	48.9%	Below Average
Allina Health - Prescott	39	38.5%	24.9%	54.1%	Below Average
Lake Superior Community Health Center - Duluth	251	37.9%	32.1%	44.0%	Below Average
Mayo Clinic Health System Wells	53	37.7%	25.9%	51.2%	Below Average
Mayo Clinic Health System Mabel	32	37.5%	22.9%	54.8%	Below Average
Hutchinson Health - Dassel Clinic	51	37.3%	25.3%	51.0%	Below Average
Apple Valley Medical Clinic - Family Practice	523	36.1%	32.1%	40.3%	Below Average
Neighborhood HealthSource-Central Clinic	234	35.9%	30.0%	42.2%	Below Average
Prairie Ridge Hospital & Health Services - Elbow Lake	106	35.9%	27.4%	45.3%	Below Average
Minnesota Medical and Rehabilitative Services	42	35.7%	23.0%	50.8%	Below Average
Open Door Health Center	129	35.7%	27.9%	44.2%	Below Average
Sleepy Eye Medical Center	77	35.1%	25.4%	46.2%	Below Average
^Allina Health - Women's Health Consultants - Mpls	44	34.1%	21.9%	48.9%	Below Average
Neighborhood HealthSource - Fremont Clinic	201	33.8%	27.7%	40.6%	Below Average
Ridgeview Winsted Clinic	71	33.8%	23.9%	45.4%	Below Average
Sanford Health Hillsboro Clinic	30	33.3%	19.2%	51.2%	Below Average
Affiliated Community Medical Centers - Granite Falls Clinic	181	33.2%	26.7%	40.3%	Below Average
Winona Health - Rushford Clinic	44	31.8%	20.0%	46.6%	Below Average
St. Croix Regional Medical Center - Frederic Clinic	36	27.8%	15.9%	44.0%	Below Average
Indian Health Board of Minneapolis	203	24.6%	19.2%	31.0%	Below Average
Native American Community Clinic	276	23.6%	18.9%	28.9%	Below Average
St. Croix Regional Medical Center - Ingalls Clinic	70	22.9%	14.6%	34.0%	Below Average
Ridgeview Howard Lake Clinic	36	22.2%	11.7%	38.1%	Below Average
Open Cities Health (Dunlap) - Family Medicine	466	17.4%	14.2%	21.1%	Below Average
Cedar Riverside People's Center - People's Center Medical Clinic	772	14.1%	11.8%	16.8%	Below Average
Open Cities Health Center (Northend)- Family Medicine	392	8.2%	5.8%	11.3%	Below Average
AXIS Medical Center	806	1.1%	0.6%	2.1%	Below Average

Table 17.2: Colorectal Cancer Screening by Medical Group

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

Medical Group Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
^Obstetrics and Gynecology Associates	364	76.4%	71.8%	80.5%	Above Average
^Southdale Ob/Gyn Consultants	81	74.1%	63.6%	82.4%	Above Average
Ortonville Area Health Services-Northside Medical Clinic	100	71.0%	61.5%	79.0%	Above Average
^Western ObGyn	30	70.0%	52.1%	83.3%	Average
Edina Sports Health & Wellness	49	69.4%	55.5%	80.5%	Average
^Oakdale Ob/Gyn	156	67.3%	59.6%	74.2%	Above Average
Fairview Health Services	9,288	66.4%	65.5%	67.4%	Above Average
Mayo Clinic	1,676	64.9%	62.6%	67.2%	Above Average
Alexandria Clinic	541	64.9%	60.8%	68.8%	Above Average
Allina Health Clinics	14,809	63.2%	62.4%	63.9%	Above Average
Lakewood Health System	611	62.2%	58.3%	66.0%	Above Average
Cromwell Medical Clinic PLLC - IHN	37	62.2%	46.1%	75.9%	Average
Sanford Health - Fargo Region	3,644	62.1%	60.5%	63.6%	Above Average
HealthPartners Clinics	7,316	61.7%	60.6%	62.8%	Above Average
Allina Health Specialties	880	61.5%	58.2%	64.6%	Above Average
Mankato Clinic, Ltd.	862	61.5%	58.2%	64.7%	Above Average
Mayo Clinic Health System	6,143	61.1%	59.9%	62.3%	Above Average
CentraCare Health	3,419	60.7%	59.0%	62.3%	Above Average
Burnsville Family Physicians	71	60.6%	48.9%	71.1%	Average
Essentia Health	7,534	60.5%	59.4%	61.6%	Above Average
Sanford Health - Sioux Falls Region	1,400	59.9%	57.3%	62.4%	Above Average
Stillwater Medical Group	697	59.7%	56.0%	63.3%	Average
Stevens Community Medical Center	61	59.5%	47.0%	70.9%	Average
Valley Family Practice- MHN	53	58.5%	45.1%	70.7%	Average
Cuyuna Regional Medical Center	819	58.2%	54.8%	61.6%	Average
Northfield Hospital + Clinics	217	58.1%	51.4%	64.4%	Average
Park Nicollet Health Services	6,496	57.9%	56.7%	59.1%	Above Average
Gundersen Health System	192	57.8%	50.7%	64.6%	Average
Avera Medical Group	604	57.5%	53.5%	61.3%	Average
Riverwood Healthcare Center	620	57.4%	53.5%	61.3%	Average
Fairview Mesaba Clinics	631	57.4%	53.5%	61.2%	Average
^OBGYN West	67	56.7%	44.8%	67.9%	Average
North Memorial	2,429	56.4%	54.5%	58.4%	Average
HealthPartners Central Minnesota Clinics	527	56.2%	51.9%	60.3%	Average
AALFA Family Clinic	50	56.0%	42.3%	68.8%	Average
Hennepin County Medical Center (HCMC) Clinics	5,762	56.0%	54.7%	57.2%	Average
Grand Itasca Clinic	846	55.6%	52.2%	58.9%	Average
Dawson Clinic	92	55.4%	45.3%	65.2%	Average
Unity Family Healthcare, Family Medical Center	602	54.8%	50.8%	58.8%	Average
Chippewa County Montevideo Hospital & Medical Clinic	270	54.4%	48.5%	60.3%	Average
Duluth Family Medicine Clinic	273	54.2%	48.3%	60.0%	Average
Affiliated Community Medical Centers	1,895	54.2%	52.0%	56.4%	Average
Stellis Health, PA	747	53.8%	50.2%	57.4%	Average
FirstLight Health System	814	53.4%	50.0%	56.8%	Average
Renville County Hospital and Clinics	176	53.4%	46.1%	60.6%	Average
Sibley Medical Center DBA Ridgeview Sibley Medical Center	120	53.3%	44.4%	62.0%	Average
NorthPoint Health & Wellness Center	1,419	53.3%	50.7%	55.9%	Below Average
Altru Health System	1,075	52.8%	49.9%	55.8%	Below Average
Northwest Family Physicians	534	52.6%	48.4%	56.8%	Average
University of Minnesota Physicians	2,874	52.6%	50.8%	54.4%	Below Average

Table 17.2: Colorectal Cancer Screening by Medical Group

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

Medical Group Name (^ = OB/GYN)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	116,426	56.2%	55.9%	56.5%	
Scenic Rivers Health Services	432	52.6%	47.8%	57.2%	Average
France Avenue Family Physicians - MN Healthcare Network	99	52.5%	42.8%	62.1%	Average
Entira Family Clinics	2,136	52.5%	50.4%	54.6%	Below Average
Gateway Family Health Clinic	945	52.4%	49.2%	55.6%	Below Average
^Partners Ob/Gyn	75	52.0%	40.9%	62.9%	Average
Tri-County Health Care	587	51.6%	47.6%	55.6%	Below Average
Richfield Medical Group	76	51.3%	40.3%	62.2%	Average
Hutchinson Health	564	50.4%	46.2%	54.5%	Below Average
Glencoe Regional Health Services	281	50.2%	44.4%	56.0%	Below Average
RiverView Health	133	49.6%	41.3%	58.0%	Average
Southside Community Health Services	206	49.5%	42.8%	56.3%	Average
^Metropolitan Obstetrics & Gynecology	91	49.5%	39.4%	59.5%	Average
Mille Lacs Health System	1,158	49.2%	46.4%	52.1%	Below Average
Sawtooth Mountain Clinic	217	48.9%	42.3%	55.5%	Below Average
Olmsted Medical Center	1,173	48.7%	45.8%	51.5%	Below Average
Parkview Medical Clinic - Minnesota Healthcare Network	75	48.0%	37.1%	59.1%	Average
Synergy Family Physicians, P.A	48	47.9%	34.5%	61.7%	Average
North Clinic	798	47.7%	44.3%	51.2%	Below Average
Multicare Associates	831	47.2%	43.8%	50.6%	Below Average
Lac Qui Parle Clinic	70	47.1%	35.9%	58.7%	Average
Lakewood Health Center Clinic	109	46.8%	37.7%	56.1%	Below Average
United Family Medicine	1,013	46.3%	43.3%	49.4%	Below Average
HealthEast Clinics	3,611	45.7%	44.1%	47.4%	Below Average
West Side Community Health Services	1,495	45.5%	43.0%	48.0%	Below Average
Lake Region Healthcare	752	45.4%	41.8%	48.9%	Below Average
Ridgeview Clinics	792	45.1%	41.6%	48.6%	Below Average
Hendricks Community Hospital Association	72	44.4%	33.5%	55.9%	Below Average
Family Practice Medical Center of Willmar	313	44.4%	39.0%	50.0%	Below Average
Life Medical	197	43.7%	36.9%	50.6%	Below Average
Winona Health Services	953	43.7%	40.5%	46.8%	Below Average
Scandia Clinic	44	43.2%	29.7%	57.8%	Average
Lake Superior Community Health Center	387	43.2%	38.3%	48.1%	Below Average
Williams Integracare Clinic	114	43.0%	34.3%	52.2%	Below Average
Madelia Community Hospital & Clinic	56	42.9%	30.8%	55.9%	Below Average
St. Croix Regional Medical Center	489	41.1%	36.8%	45.5%	Below Average
Vibrant Health Family Clinics and Minnesota Health Network	127	40.9%	32.8%	49.6%	Below Average
Raiter Clinic, LTD - IHN	416	40.1%	35.5%	44.9%	Below Average
Community University Health Care Center	773	38.9%	35.6%	42.4%	Below Average
St. Luke's Clinics	52	38.2%	26.2%	51.8%	Below Average
Prairie Ridge Hospital & Health Services	171	36.8%	30.0%	44.3%	Below Average
Neighborhood Healthsource	536	36.4%	32.4%	40.5%	Below Average
Apple Valley Medical Clinic	523	36.1%	32.1%	40.3%	Below Average
Open Door Health Center	129	35.7%	27.9%	44.2%	Below Average
Sleepy Eye Medical Center	77	35.1%	25.4%	46.2%	Below Average
Kittson Memorial Clinic	51	31.4%	20.3%	45.0%	Below Average
Indian Health Board of Minneapolis	203	24.6%	19.2%	31.0%	Below Average
Native American Community Clinic	276	23.6%	18.9%	28.9%	Below Average
Cedar Riverside People's Center	772	14.1%	11.8%	16.8%	Below Average
Open Cities Health Center	858	13.2%	11.1%	15.6%	Below Average
Axis Medical Center	806	1.1%	0.6%	2.1%	Below Average

Table 18: 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
Medical Group Average	18,443	57.0%	56.2%	57.7%	
Face to Face Health & Counseling Service, Inc.	144	85.4%	78.7%	90.3%	Above Average
Planned Parenthood Minnesota, North Dakota, South Dakota	593	81.5%	78.1%	84.4%	Above Average
HealthPartners Clinics	1,387	75.2%	72.9%	77.4%	Above Average
NorthPoint Health & Wellness Center	226	71.7%	65.5%	77.2%	Above Average
^Obstetrics and Gynecology Associates	66	69.7%	57.8%	79.5%	Above Average
Duluth Family Medicine Clinic	44	68.2%	53.4%	80.0%	Average
Allina Health	2,230	67.4%	65.5%	69.4%	Above Average
Park Nicollet Health Services	962	66.3%	63.3%	69.2%	Above Average
Hennepin County Medical Center (HCMC) Clinics	450	66.2%	61.7%	70.4%	Above Average
Entira Family Clinics (formerly Family Health Services MN)	241	65.2%	58.9%	70.9%	Above Average
Community University Health Care Center	130	63.1%	54.5%	70.9%	Average
Fairview Medical Group	1,204	63.0%	60.2%	65.6%	Above Average
Avera Medical Group- Marshall	34	61.8%	45.0%	76.1%	Average
CentraCare Health	607	61.5%	57.5%	65.2%	Above Average
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	38	60.5%	44.7%	74.4%	Average
University of Minnesota Physicians	407	60.0%	55.1%	64.6%	Average
West Side Community Health Services	199	59.3%	52.4%	65.9%	Average
Chippewa County Montevideo Hospital & Medical Clinic	49	59.2%	45.3%	71.8%	Average
HealthEast Clinics	461	58.4%	53.8%	62.8%	Average
Mankato Clinic, Ltd.	286	57.3%	51.6%	62.9%	Average
^Premier OB/GYN of Minnesota	173	57.2%	49.8%	64.4%	Average
St. Luke's Clinics	147	55.1%	47.0%	62.9%	Average
Northwest Family Physicians	66	54.6%	42.6%	66.0%	Average
#Children's Health Care	129	54.3%	45.7%	62.6%	Average
North Clinic	105	53.3%	43.8%	62.6%	Average
Gundersen Health System	51	52.9%	39.5%	66.0%	Average
North Memorial	160	52.5%	44.8%	60.1%	Average
Mayo Clinic	199	52.3%	45.3%	59.1%	Average
Fairview Mesaba Clinics	112	51.8%	42.6%	60.8%	Average
Seven Day Clinic	33	51.5%	35.2%	67.5%	Average
FirstLight Health System	99	51.5%	41.8%	61.1%	Average
Mayo Clinic Health System - Red Wing	61	50.8%	38.6%	62.9%	Average
Affiliated Community Medical Centers	374	50.0%	45.0%	55.0%	Below Average
Alexandria Clinic	119	49.6%	40.8%	58.4%	Average
Lakeview Clinic	98	49.0%	39.3%	58.7%	Average
Cuyuna Regional Medical Center	68	48.5%	37.1%	60.2%	Average

Table 18: 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
Medical Group Average	18,443	57.0%	56.2%	57.7%	
Mayo Clinic Health System - Albert Lea and Austin	296	47.3%	41.7%	53.0%	Below Average
#Children's Clinic Network	119	47.1%	38.3%	56.0%	Below Average
Grand Itasca Clinic	168	47.0%	39.6%	54.6%	Below Average
Glenwood Medical Center	30	46.7%	30.2%	63.9%	Average
Family Practice Medical Center of Willmar	54	46.3%	33.7%	59.4%	Average
Gateway Family Health Clinic	70	45.7%	34.6%	57.3%	Average
Mayo Clinic Health System - New Prague	45	44.4%	30.9%	58.8%	Average
Olmsted Medical Center	271	44.3%	38.5%	50.2%	Below Average
Apple Valley Medical Clinic	43	44.2%	30.4%	58.9%	Average
Riverwood Healthcare Center	34	44.1%	28.9%	60.6%	Average
Multicare Associates	64	43.8%	32.3%	55.9%	Below Average
Raiter Clinic, LTD - IHN	46	43.5%	30.2%	57.8%	Average
Mayo Clinic Health System-Owatonna	177	42.9%	35.9%	50.3%	Below Average
#Southdale Pediatric Associates, Ltd	31	41.9%	26.4%	59.2%	Average
Sanford Health - Fargo Region	735	41.6%	38.1%	45.2%	Below Average
Unity Family Healthcare - Avon	94	41.5%	32.1%	51.6%	Below Average
Northfield Hospital + Clinics	34	41.2%	26.4%	57.8%	Average
Mayo Clinic Health System - Mankato	143	40.6%	32.9%	48.8%	Below Average
Tri-County Health Care	94	39.4%	30.1%	49.5%	Below Average
Winona Health Services	107	39.3%	30.5%	48.7%	Below Average
Lake Region Healthcare	97	39.2%	30.1%	49.1%	Below Average
Ridgeview Clinics	63	38.1%	27.1%	50.4%	Below Average
Essentia Health	1,089	37.8%	35.0%	40.8%	Below Average
Mayo Clinic Health System - Fairmont	51	37.3%	25.3%	51.0%	Below Average
United Family Medicine	81	37.0%	27.3%	47.9%	Below Average
Altru Health System	135	36.3%	28.7%	44.7%	Below Average
Stellis Health, PA	146	36.3%	29.0%	44.4%	Below Average
United Hospital District Clinic	36	36.1%	22.5%	52.4%	Below Average
#South Lake Pediatrics	39	35.9%	22.7%	51.6%	Below Average
Sanford Health - Sioux Falls Region	143	35.0%	27.6%	43.1%	Below Average
Lakewood Health System	126	34.9%	27.2%	43.6%	Below Average
Avera Medical Group - Pipestone	40	32.5%	20.1%	48.0%	Below Average
Renville County Hospital and Clinics	35	31.4%	18.6%	48.0%	Below Average
Hutchinson Health	85	30.6%	21.8%	41.1%	Below Average
Mayo Clinic Health System - Lake City	38	18.4%	9.2%	33.4%	Below Average
Glencoe Regional Health Services	43	9.3%	3.7%	21.6%	Below Average

Table 19: 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
Statewide Average	25,551	4.5%	4.3%	4.8%	
Entira Family Clinics - West St. Paul	50	32.0%	20.8%	45.8%	Above Average
Park Nicollet Clinic - Plymouth	39	20.5%	10.8%	35.5%	Above Average
Park Nicollet Clinic - Bloomington	31	19.4%	9.2%	36.3%	Above Average
CentraCare Health- Sauk Centre	43	18.6%	9.7%	32.6%	Above Average
Mayo Clinic - Northwest	36	16.7%	7.9%	31.9%	Above Average
Park Nicollet Clinic - Shakopee	98	16.3%	10.3%	24.9%	Above Average
Allina Health - Farmington	32	15.6%	6.9%	31.8%	Above Average
Boynton Health Service	32	15.6%	6.9%	31.8%	Above Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	33	15.2%	6.7%	30.9%	Above Average
Park Nicollet Clinic - Minneapolis	60	15.0%	8.1%	26.1%	Above Average
○ Sanford Moorhead Clinic - Behavioral Health	47	14.9%	7.4%	27.7%	Above Average
HealthPartners - Bloomington	41	14.6%	6.9%	28.4%	Above Average
HealthPartners - White Bear Lake	36	13.9%	6.1%	28.7%	Above Average
Park Nicollet Clinic - Prior Lake	44	13.6%	6.4%	26.7%	Above Average
CentraCare Health- Melrose	30	13.3%	5.3%	29.7%	Above Average
Park Nicollet Clinic - Eagan	47	12.8%	6.0%	25.2%	Above Average
Fairview Milaca Clinic	79	12.7%	7.0%	21.8%	Above Average
Sanford Health Detroit Lakes Clinic	89	12.4%	7.0%	20.8%	Above Average
Allina Health - Forest Lake	66	12.1%	6.3%	22.1%	Above Average
CentraCare Clinic- Big Lake	51	11.8%	5.5%	23.4%	Above Average
Perham Health Clinic	52	11.5%	5.4%	23.0%	Above Average
Allina Health - Faribault	126	11.1%	6.7%	17.8%	Above Average
Fairview Hiawatha Clinic	91	11.0%	6.1%	19.1%	Above Average
Entira Family Clinics - White Bear Lake/Banning Ave	37	10.8%	4.3%	24.7%	Average
Allina Health - Buffalo	112	10.7%	6.2%	17.8%	Above Average
Fairview Zimmerman Clinic	38	10.5%	4.2%	24.1%	Average
Allina Health - Vadnais Heights	38	10.5%	4.2%	24.1%	Average
Allina Health - First Street	96	10.4%	5.8%	18.1%	Above Average
Park Nicollet Clinic - St. Louis Park Family Medicine	88	10.2%	5.5%	18.3%	Above Average
HealthPartners - Arden Hills	41	9.8%	3.9%	22.6%	Average
Mayo Clinic Health System Le Sueur	41	9.8%	3.9%	22.6%	Average
HealthPartners - Elk River	31	9.7%	3.4%	24.9%	Average
Sanford Health Mahnomen Clinic	31	9.7%	3.4%	24.9%	Average
Allina Health - Northfield	135	9.6%	5.7%	15.8%	Above Average
○ HealthPartners - West Behav Hlth	42	9.5%	3.8%	22.1%	Average
Entira Family Clinics - Vadnais Heights	42	9.5%	3.8%	22.1%	Average
Sanford Fargo Southpointe Clinic - Internal Medicine	53	9.4%	4.1%	20.3%	Average
Allina Health - Champlin	43	9.3%	3.7%	21.6%	Average
Fairview Bloomington Lake Minneapolis	65	9.2%	4.3%	18.7%	Average
Sanford Fargo North Fargo Clinic	44	9.1%	3.6%	21.2%	Average
○ Olmsted Medical Center - Rochester Southeast - Psychiatry	132	9.1%	5.3%	15.2%	Above Average
Entira Family Clinics - North St. Paul	78	9.0%	4.4%	17.4%	Average
CentraCare Clinic - Northway	67	9.0%	4.2%	18.2%	Average
Mayo Clinic - Kasson	34	8.8%	3.1%	23.0%	Average
Allina Health - Uptown	34	8.8%	3.1%	23.0%	Average
North Clinic - Osseo Office	35	8.6%	3.0%	22.4%	Average
Allina Health - Shoreview	70	8.6%	4.0%	17.5%	Average
Fairview Elk River Clinic	72	8.3%	3.9%	17.0%	Average
North Memorial Clinic - Golden Valley Physicians	36	8.3%	2.9%	21.8%	Average
Allina Health - Plymouth	60	8.3%	3.6%	18.1%	Average
Allina Health - West St. Paul	133	8.3%	4.7%	14.2%	Above Average
CentraCare Health Plaza-Family Medicine	110	8.2%	4.4%	14.8%	Average
Allina Health - Eagan	75	8.0%	3.7%	16.4%	Average
○ Zumbro Valley Health Center - Behavioral Health	113	8.0%	4.3%	14.5%	Average
HCMC Clinics - Brooklyn Park Clinic	38	7.9%	2.7%	20.8%	Average
Stillwater Medical Group - Curve Crest Clinic	128	7.8%	4.3%	13.8%	Average

Table 19: 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
Statewide Average	25,551	4.5%	4.3%	4.8%	
Park Nicollet Clinic - Burnsville	90	7.8%	3.8%	15.2%	Average
Entira Family Clinics - Inver Grove Heights	39	7.7%	2.7%	20.3%	Average
Allina Health - Brooklyn Park	39	7.7%	2.7%	20.3%	Average
Lake Superior Community Health Center - Duluth	39	7.7%	2.7%	20.3%	Average
Allina Health - Cambridge	252	7.5%	4.9%	11.5%	Above Average
Allina Health Specialties - New Ulm Medical Center	136	7.4%	4.0%	13.0%	Average
Fairview Fridley Clinic	109	7.3%	3.8%	13.8%	Average
Sanford Bemidji Main Clinic - Family Medicine	109	7.3%	3.8%	13.8%	Average
Sanford Luverne Clinic	55	7.3%	2.9%	17.3%	Average
North Memorial Clinic - Brooklyn Center Physicians	69	7.3%	3.1%	15.9%	Average
HealthPartners - Como	70	7.1%	3.1%	15.7%	Average
CentraCare Clinic - Becker	42	7.1%	2.5%	19.0%	Average
◉ Allina Health Specialties - Allina Mental Health - Unity	70	7.1%	3.1%	15.7%	Average
Allina Health - Richfield	84	7.1%	3.3%	14.7%	Average
◉ Park Nicollet Clinic - Psychiatry	420	6.9%	4.9%	9.7%	Above Average
Sanford Health Wahpeton Clinic	58	6.9%	2.7%	16.4%	Average
North Memorial Clinic - Northeast Family Physicians	44	6.8%	2.4%	18.2%	Average
Fairview Highland Park Clinic	59	6.8%	2.7%	16.2%	Average
Entira Family Clinics - Woodbury	45	6.7%	2.3%	17.9%	Average
North Memorial Clinic - Arbor Lakes	30	6.7%	1.9%	21.3%	Average
Sanford Sheldon Clinic	30	6.7%	1.9%	21.3%	Average
HealthPartners - Maplewood	78	6.4%	2.8%	14.1%	Average
CentraCare Health- Long Prairie	47	6.4%	2.2%	17.2%	Average
Sanford Moorhead Clinic - Family Medicine	63	6.4%	2.5%	15.2%	Average
Fairview Princeton Clinic	205	6.3%	3.7%	10.6%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	79	6.3%	2.7%	14.0%	Average
FirstLight Health System - Mora	95	6.3%	2.9%	13.1%	Average
Fairview Andover Clinic	127	6.3%	3.2%	11.9%	Average
HealthPartners - Woodbury	64	6.3%	2.5%	15.0%	Average
Fairview Riverside Family Practice	48	6.3%	2.2%	16.8%	Average
Sanford Health Jamestown Clinic	32	6.3%	1.7%	20.2%	Average
HealthPartners Central Minnesota Clinics	128	6.3%	3.2%	11.9%	Average
HCMC)Clinics - Coordinated Care Clinic	32	6.3%	1.7%	20.2%	Average
Allina Health - Bloomington	97	6.2%	2.9%	12.8%	Average
Entira Family Clinics - Como/Roseville	65	6.2%	2.4%	14.8%	Average
Sanford Bagley Clinic	33	6.1%	1.7%	19.6%	Average
Allina Health - United Medical Specialties	33	6.1%	1.7%	19.6%	Average
CentraCare Health- Family Health Center	133	6.0%	3.1%	11.4%	Average
◉ Allina Health Specialties - Allina Mental Health - United	83	6.0%	2.6%	13.3%	Average
HealthPartners - Riverside	50	6.0%	2.1%	16.2%	Average
Fairview Chisago Lakes Clinic	50	6.0%	2.1%	16.2%	Average
North Memorial Clinic - St. Anthony	50	6.0%	2.1%	16.2%	Average
HealthPartners - Apple Valley	67	6.0%	2.4%	14.4%	Average
◉ Sanford Fargo Professional Building - Behavioral Health	84	6.0%	2.6%	13.2%	Average
Allina Health - Maplewood	84	6.0%	2.6%	13.2%	Average
Mankato Clinic - Main Street	135	5.9%	3.0%	11.3%	Average
◉ HealthPartners - Inver Grove Behav Hlth	51	5.9%	2.0%	15.9%	Average
Park Nicollet Clinic - Brookdale	68	5.9%	2.3%	14.2%	Average
Fairview Bloomington Lake Xerxes	51	5.9%	2.0%	15.9%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	104	5.8%	2.7%	12.0%	Average
Mankato Clinic - Wickersham Campus	70	5.7%	2.2%	13.8%	Average
St Luke's Clinics-P.S. Rudie Medical Clinic	35	5.7%	1.6%	18.6%	Average
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	91	5.5%	2.4%	12.2%	Average
Allina Health - Bandana Square	147	5.4%	2.8%	10.4%	Average
HealthEast Roselawn Clinic	74	5.4%	2.1%	13.1%	Average
CentraCare River Campus-Internal Medicine	37	5.4%	1.5%	17.7%	Average

Table 19: 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
Statewide Average	25,551	4.5%	4.3%	4.8%	
Olmsted Medical Center - Rochester Northwest	37	5.4%	1.5%	17.7%	Average
Affiliated Community Medical Centers - Willmar Clinic	149	5.4%	2.8%	10.2%	Average
Allina Health - Shakopee	113	5.3%	2.5%	11.1%	Average
Grand Itasca Clinic	231	5.2%	3.0%	8.9%	Average
Native American Community Clinic	216	5.1%	2.9%	8.9%	Average
Fairview Blaine Clinic	59	5.1%	1.7%	13.9%	Average
○ HealthPartners - Regions BH Maplewood	61	4.9%	1.7%	13.5%	Average
Park Nicollet Clinic - Maple Grove	41	4.9%	1.4%	16.1%	Average
North Memorial Clinic - Camden	82	4.9%	1.9%	11.9%	Average
Mayo Clinic Health System Austin	226	4.9%	2.7%	8.5%	Average
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	62	4.8%	1.7%	13.3%	Average
Mayo Clinic Health System Mankato Eastridge	190	4.7%	2.5%	8.8%	Average
Allina Health - Coon Rapids	343	4.7%	2.9%	7.4%	Average
Sanford Thief River Falls Clinic	65	4.6%	1.6%	12.7%	Average
Fairview Rogers Clinic	44	4.6%	1.3%	15.1%	Average
○ Mankato Clinic - Department of Psychiatry & Psychology	44	4.6%	1.3%	15.1%	Average
Allina Health - St. Michael	44	4.6%	1.3%	15.1%	Average
Sanford Health Alexandria Broadway Clinic	89	4.5%	1.8%	11.0%	Average
Mayo Clinic - Northeast	45	4.4%	1.2%	14.8%	Average
Fairview Uptown Clinic	68	4.4%	1.5%	12.2%	Average
Fairview New Brighton Clinic	91	4.4%	1.7%	10.8%	Average
○ HealthPartners - Regions BH St Paul	46	4.4%	1.2%	14.5%	Average
Sanford Aberdeen Clinic	46	4.4%	1.2%	14.5%	Average
West Side Community Health Services - East Side Family Clinic	46	4.4%	1.2%	14.5%	Average
Allina Health - Woodbury	94	4.3%	1.7%	10.4%	Average
Apple Valley Medical Clinic - Family Practice	71	4.2%	1.5%	11.7%	Average
Alexandria Clinic, A Service of Douglas County Hospital	121	4.1%	1.8%	9.3%	Average
Mankato Clinic - North Mankato	76	4.0%	1.4%	11.0%	Average
RR Health Services dba Fairview Mesaba Clinic - Hibbing	127	3.9%	1.7%	8.9%	Average
HealthPartners - Brooklyn Center	51	3.9%	1.1%	13.2%	Average
○ Oak Ridge Center	51	3.9%	1.1%	13.2%	Average
○ Minnesota Mental Health Clinics- Maplewood Clinic	51	3.9%	1.1%	13.2%	Average
Mayo Clinic Health System Albert Lea	180	3.9%	1.9%	7.8%	Average
○ Minnesota Mental Health Clinics - Eagan Clinic	208	3.9%	2.0%	7.4%	Average
Sanford Worthington Clinic	53	3.8%	1.0%	12.8%	Average
Mayo Clinic - Speciality Practice	83	3.6%	1.2%	10.1%	Average
Mayo Clinic - Baldwin Building, Family Medicine	56	3.6%	1.0%	12.1%	Average
Fairview Columbia Heights Clinic	85	3.5%	1.2%	9.9%	Average
Duluth Family Medicine Clinic	142	3.5%	1.5%	8.0%	Average
North Clinic - Oakdale Office in Robbinsdale	88	3.4%	1.2%	9.6%	Average
Fairview Burnsville Clinic	89	3.4%	1.2%	9.5%	Average
FirstLight Health System - Hinckley	30	3.3%	0.6%	16.7%	Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	31	3.2%	0.6%	16.2%	Average
Northwest Family Physicians - Plymouth	31	3.2%	0.6%	16.2%	Average
Fairview Lakes Medical Center	156	3.2%	1.4%	7.3%	Average
Allina Health - Fridley	63	3.2%	0.9%	10.9%	Average
Fairview North Branch Clinic	95	3.2%	1.1%	8.9%	Average
North Memorial Clinic - Elk River Physicians	32	3.1%	0.6%	15.7%	Average
Sanford Health Watertown Clinic	32	3.1%	0.6%	15.7%	Average
Avera Medical Group - Marshall	64	3.1%	0.9%	10.7%	Average
Allina Health - Maple Grove	32	3.1%	0.6%	15.7%	Average
Southside Medical Clinic	64	3.1%	0.9%	10.7%	Average
Fairview Bass Lake Clinic	33	3.0%	0.5%	15.3%	Average
Sanford Fargo Broadway Clinic - Internal Medicine	33	3.0%	0.5%	15.3%	Average
NorthPoint Health & Wellness Center	530	3.0%	1.9%	4.9%	Average
Mayo Clinic Health System Lake City	34	2.9%	0.5%	14.9%	Average

Table 19: 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
Statewide Average	25,551	4.5%	4.3%	4.8%	
Fairview Apple Valley Clinic	103	2.9%	1.0%	8.2%	Average
HealthPartners - St Paul	140	2.9%	1.1%	7.1%	Average
Indian Health Board of Minneapolis	35	2.9%	0.5%	14.5%	Average
FirstLight Health System - Pine City	35	2.9%	0.5%	14.5%	Average
Allina Health - Cottage Grove	106	2.8%	1.0%	8.0%	Average
Allina Health - Chaska	36	2.8%	0.5%	14.2%	Average
Sanford Health Walker Clinic	37	2.7%	0.5%	13.8%	Average
○ Allina Health Specialties - Allina Mental Health - ANW	37	2.7%	0.5%	13.8%	Average
○ HealthPartners - Regions BH Woodbury	38	2.6%	0.5%	13.5%	Average
U of Minnesota Physicians - Bethesda Family Medicine Clinic	228	2.6%	1.2%	5.6%	Average
Northwest Family Physicians - Crystal	115	2.6%	0.9%	7.4%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	78	2.6%	0.7%	8.9%	Average
Mille Lacs Health System - Onamia	39	2.6%	0.5%	13.2%	Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	39	2.6%	0.5%	13.2%	Average
○ University of Minnesota Health - Psychiatry Clinic	123	2.4%	0.8%	6.9%	Average
Affiliated Community Medical Centers- Marshall Clinic	84	2.4%	0.7%	8.3%	Average
○ Associated Clinic of Psychology-Minneapolis	169	2.4%	0.9%	5.9%	Average
Ridgeview Westonka Clinic	44	2.3%	0.4%	11.8%	Average
Allina Health - Inver Grove Heights	44	2.3%	0.4%	11.8%	Average
Mayo Clinic Health System Owatonna	224	2.2%	1.0%	5.1%	Average
HealthEast Oakdale	45	2.2%	0.4%	11.6%	Average
Mayo Clinic Health System Faribault Hwy 60	45	2.2%	0.4%	11.6%	Average
Mayo Clinic Health System Red Wing	92	2.2%	0.6%	7.6%	Average
Allina Health - Ramsey	46	2.2%	0.4%	11.3%	Average
○ Lakeland Mental Health Center - Detroit Lakes	46	2.2%	0.4%	11.3%	Average
Fairview Riverside Integrated Primary Care	96	2.1%	0.6%	7.3%	Average
Mayo Clinic Health System St. James	48	2.1%	0.4%	10.9%	Average
Entira Family Clinics - East Side	98	2.0%	0.6%	7.1%	Average
○ Hutchinson Health - Mental Health Clinic	49	2.0%	0.4%	10.7%	Average
○ Associated Clinic of Psychology-Brooklyn Center	49	2.0%	0.4%	10.7%	Average
Fairview Crosstown Clinic	50	2.0%	0.4%	10.5%	Average
Lakewood Health System - Staples Clinic	50	2.0%	0.4%	10.5%	Average
United Family Medicine	204	2.0%	0.8%	4.9%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	154	2.0%	0.7%	5.6%	Average
HCMC Clinics - Brooklyn Center Clinic	52	1.9%	0.3%	10.1%	Average
○ Associated Clinic of Psychology-West St. Paul	158	1.9%	0.7%	5.4%	Average
Fairview EdenCenter Clinic	53	1.9%	0.3%	9.9%	Average
HCMC Clinics - Golden Valley Clinic	64	1.6%	0.3%	8.3%	Average
U of Minnesota Health - Fairview Maple Grove Medical Center	66	1.5%	0.3%	8.1%	Average
Fairview Lino Lakes Clinic	67	1.5%	0.3%	8.0%	Average
○ Minnesota Mental Health Clinics- Woodbury Clinic	68	1.5%	0.3%	7.9%	Average
Mayo Clinic Health System St. Peter	70	1.4%	0.3%	7.7%	Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	295	1.4%	0.5%	3.4%	Below Average
Allina Health - Nicollet Mall	76	1.3%	0.2%	7.1%	Average
○ Woodland Centers - Willmar	91	1.1%	0.2%	6.0%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	96	1.0%	0.2%	5.7%	Average
○ Stark Mental Health Clinic	106	0.9%	0.2%	5.2%	Average
Mayo Clinic Health System Fairmont	107	0.9%	0.2%	5.1%	Average
HealthPartners - Anoka	113	0.9%	0.2%	4.8%	Average
○ Associated Clinic of Psychology-Apple Valley	130	0.8%	0.1%	4.2%	Below Average
Winona Health - Winona Clinic	131	0.8%	0.1%	4.2%	Below Average
U of Minnesota Physicians - Phalen Village Family Medicine Clinic	133	0.8%	0.1%	4.1%	Below Average
Olmsted Medical Center - Rochester Southeast	157	0.6%	0.1%	3.5%	Below Average
Fairview Brooklyn Park Clinic	158	0.6%	0.1%	3.5%	Below Average
HealthPartners - Coon Rapids	79	0.0%	0.0%	4.6%	Average
HealthPartners - Andover	43	0.0%	0.0%	8.2%	Average

Table 19: 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
Statewide Average	25,551	4.5%	4.3%	4.8%	
HealthPartners - Inver Grove Heights	32	0.0%	0.0%	10.7%	Average
HealthPartners - Midway	33	0.0%	0.0%	10.4%	Average
Fairview Rush City Clinic	41	0.0%	0.0%	8.6%	Average
Fairview Lakeville Clinic	34	0.0%	0.0%	10.2%	Average
Fairview Oxboro Clinic	76	0.0%	0.0%	4.8%	Average
Fairview Hugo Clinic	31	0.0%	0.0%	11.0%	Average
Entira Family Clinics - Maplewood/Battle Creek	35	0.0%	0.0%	9.9%	Average
HealthEast Grand Avenue Clinic	40	0.0%	0.0%	8.8%	Average
HealthEast Rice Street Clinic	47	0.0%	0.0%	7.6%	Average
HealthEast Woodbury Clinic	49	0.0%	0.0%	7.3%	Average
HealthEast Roseville Clinic	33	0.0%	0.0%	10.4%	Average
North Memorial Clinic - Brooklyn Park Physicians	31	0.0%	0.0%	11.0%	Average
North Memorial Clinic - New Hope	31	0.0%	0.0%	11.0%	Average
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	65	0.0%	0.0%	5.6%	Average
North Clinic - Plymouth	31	0.0%	0.0%	11.0%	Average
U of Minnesota Physicians - Broadway Family Medicine Clinic	219	0.0%	0.0%	1.7%	Below Average
University of Minnesota Health - Primary Care Center	44	0.0%	0.0%	8.0%	Average
Altru Health System - Main	47	0.0%	0.0%	7.6%	Average
Chippewa County Montevideo Hospital & Medical Clinic	43	0.0%	0.0%	8.2%	Average
Family Practice Medical Center of Willmar	67	0.0%	0.0%	5.4%	Average
Mayo Clinic Health System Cannon Falls	31	0.0%	0.0%	11.0%	Average
Mayo Clinic Health System Mankato Northridge	66	0.0%	0.0%	5.5%	Average
Mayo Clinic Health System Waseca	40	0.0%	0.0%	8.8%	Average
Mayo Clinic Health System Lake Crystal	56	0.0%	0.0%	6.4%	Average
○ St Luke's Clinics-Mental Health	64	0.0%	0.0%	5.7%	Average
Tri-County Health Care - Wadena Clinic	72	0.0%	0.0%	5.1%	Average
Avera Medical Group - Worthington	41	0.0%	0.0%	8.6%	Average
○ Southwestern Mental Health Center Avera - Worthington	114	0.0%	0.0%	3.3%	Below Average
Stevens Community Medical Center	43	0.0%	0.0%	8.2%	Average
Cedar Riverside People's Center - People's Center Medical Clinic	79	0.0%	0.0%	4.6%	Average
Allina Health - Isles	31	0.0%	0.0%	11.0%	Average
Allina Health - East Lake Street	37	0.0%	0.0%	9.4%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	60	0.0%	0.0%	6.0%	Average
HCMC Clinics - Downtown Medicine Clinic	236	0.0%	0.0%	1.6%	Below Average
Glencoe Regional Health Services - Glencoe	39	0.0%	0.0%	9.0%	Average
Open Cities Health (Dunlap) - Family Medicine	56	0.0%	0.0%	6.4%	Average
Gateway Family Health Clinic - Moose Lake	53	0.0%	0.0%	6.8%	Average
Gateway Family Health Clinic - Sandstone	31	0.0%	0.0%	11.0%	Average
Hutchinson Health - Hutchinson Clinic	58	0.0%	0.0%	6.2%	Average
Community-University Health Care Center	34	0.0%	0.0%	10.2%	Average
West Side Community Health Services - La Clinica	45	0.0%	0.0%	7.9%	Average
○ Lakeland Mental Health Center - Fergus Falls	76	0.0%	0.0%	4.8%	Average
○ Lakeland Mental Health Center - Alexandria	52	0.0%	0.0%	6.9%	Average
○ Lakeland Mental Health Center - Moorhead	125	0.0%	0.0%	3.0%	Below Average
○ Woodland Centers - Montevideo	40	0.0%	0.0%	8.8%	Average
○ Family Life Center	123	0.0%	0.0%	3.0%	Below Average
○ Northern Psychiatric Associates	76	0.0%	0.0%	4.8%	Average
○ Ramsey County Mental Health Center	139	0.0%	0.0%	2.7%	Below Average
○ Western Mental Health Center, Inc.	39	0.0%	0.0%	9.0%	Average
○ Associates in Psychiatry & Psychology-Rochester	63	0.0%	0.0%	5.8%	Average
Open Door Health Center	45	0.0%	0.0%	7.9%	Average
Bluestone Physician Services	40	0.0%	0.0%	8.8%	Average
Hudson Physicians	71	0.0%	0.0%	5.1%	Average

Table 20: Appropriate Treatment for Children with URI by Medical Group

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

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	18,978	92.7%	92.3%	93.1%	
North Clinic	1,018	100.0%	91.6%	100.0%	Average
United Family Medicine	1,050	100.0%	93.4%	100.0%	Above Average
Cedar Riverside People's Center	129	100.0%	91.2%	100.0%	Average
# South Lake Pediatrics	242	100.0%	97.1%	100.0%	Above Average
West Side Community Health Services	178	100.0%	96.7%	100.0%	Above Average
* MinuteClinic	669	100.0%	93.1%	100.0%	Above Average
FirstLight Health System	42	100.0%	93.0%	100.0%	Above Average
Mayo Clinic Health System - St. James	303	100.0%	90.1%	100.0%	Average
# Pediatric Services - Children's Physician Network	583	98.6%	92.3%	99.8%	Average
Stellis Health, PA	531	98.2%	93.6%	99.5%	Above Average
University of Minnesota Physicians	383	98.0%	95.8%	99.1%	Above Average
HealthEast Clinics	198	97.9%	95.3%	99.1%	Above Average
# Central Pediatrics	59	97.9%	92.7%	99.4%	Average
# Priority Pediatrics Urgent Care	92	97.9%	88.9%	99.6%	Average
NorthPoint Health & Wellness Center	68	97.8%	92.2%	99.4%	Average
* Suburban Emergency Associates	104	97.6%	91.6%	99.3%	Average
Hennepin County Medical Center (HCMC) Clinics	62	96.9%	95.0%	98.1%	Above Average
# Wayzata Children's Clinic	110	96.8%	89.1%	99.1%	Average
Gateway Family Health Clinic	134	96.8%	83.8%	99.4%	Average
HealthPartners Clinics	113	96.8%	95.5%	97.7%	Above Average
Lakeview Clinic	51	96.6%	88.5%	99.1%	Average
# Fridley Children's & Teenagers' Medical Center - CPN	50	96.5%	91.4%	98.6%	Average
Park Nicollet Health Services	47	96.4%	95.1%	97.4%	Above Average
Winona Health Services	43	96.3%	91.6%	98.4%	Average
Hutchinson Health	321	96.1%	89.2%	98.7%	Average
# Children's Clinic Network	144	95.9%	93.4%	97.5%	Above Average
Neighborhood Healthsource	129	95.8%	86.0%	98.9%	Average
* Emergency Physicians, P.A.	42	95.8%	92.9%	97.5%	Above Average
Family Practice Medical Center of Willmar	99	95.7%	85.8%	98.8%	Average
# All About Children Pediatrics - Children's Health Network	168	95.7%	85.5%	98.8%	Average
North Memorial	209	95.5%	91.4%	97.7%	Average
Allina Health	54	95.5%	94.1%	96.6%	Above Average
# Pediatric & Young Adult Medicine	120	94.9%	87.5%	98.0%	Average
Mayo Clinic	148	94.7%	91.7%	96.7%	Average
CentraCare Health	44	94.5%	92.4%	96.1%	Average
Fairview Medical Group	77	94.3%	92.9%	95.5%	Above Average
# Children's Health Care	40	94.2%	92.6%	95.5%	Average
Tri-County Health Care	40	94.2%	88.5%	97.2%	Average
Northwest Family Physicians	44	94.1%	85.8%	97.7%	Average
Community University Health Care Center	1,085	94.1%	84.1%	98.0%	Average
* Express Healthcare	40	93.9%	80.4%	98.3%	Average
Lakewood Health System	511	93.9%	88.9%	96.8%	Average

Table 20: Appropriate Treatment for Children with URI by Medical Group

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

Medical Group Name (#=Pediatric, *=Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	18,978	92.7%	92.3%	93.1%	
Glencoe Regional Health Services	89	93.8%	83.2%	97.9%	Average
* Target Clinic	60	93.6%	84.6%	97.5%	Average
Unity Family Healthcare - Avon	78	93.5%	85.7%	97.2%	Average
Mille Lacs Health System	145	92.9%	81.0%	97.5%	Average
Lake Region Healthcare	95	92.0%	83.6%	96.3%	Average
Affiliated Community Medical Centers	115	91.9%	89.3%	93.9%	Average
Sleepy Eye Medical Center	48	91.9%	78.7%	97.2%	Average
Southdale Pediatric Associates, Ltd	59	91.7%	86.1%	95.2%	Average
Sanford Health - Fargo Region	81	91.3%	89.0%	93.2%	Average
Mayo Clinic Health System - Albert Lea and Austin	369	91.1%	87.7%	93.6%	Average
Essentia Health	224	90.9%	88.7%	92.8%	Average
Riverwood Healthcare Center	31	90.7%	78.4%	96.3%	Average
Grand Itasca Clinic	37	90.3%	83.4%	94.5%	Average
Cuyuna Regional Medical Center	77	90.2%	79.0%	95.7%	Average
Chippewa County Montevideo Hospital & Medical Clinic	129	90.0%	78.6%	95.7%	Average
Mayo Clinic Health System - New Prague	63	90.0%	77.0%	96.0%	Average
Northfield Hospital + Clinics	70	90.0%	79.9%	95.3%	Average
Avera Medical Group- McGreevy Clinic, United, Worthington	46	90.0%	77.0%	96.0%	Average
Fairview Mesaba Clinics	37	89.9%	83.5%	94.0%	Average
Mankato Clinic, Ltd.	48	89.9%	84.9%	93.4%	Average
St. Luke's Clinics	51	89.6%	83.5%	93.6%	Average
Mayo Clinic Health System - Mankato	113	89.6%	81.9%	94.2%	Average
Altru Health System	52	89.4%	82.1%	94.0%	Average
Advanced Medical Clinic	47	87.9%	72.7%	95.2%	Average
Mayo Clinic Health System - Waseca	33	87.8%	79.0%	93.2%	Average
Entira Family Clinics (formerly Family Health Services MN)	83	87.6%	80.8%	92.2%	Below Average
Ridgeview Clinics	309	87.1%	76.6%	93.3%	Average
Multicare Associates	62	85.9%	77.3%	91.6%	Below Average
Mayo Clinic Health System - Fairmont	33	85.2%	75.9%	91.3%	Below Average
Olmsted Medical Center	33	85.1%	81.2%	88.3%	Below Average
* Smart Clinic-Custom Clinic	75	84.9%	69.1%	93.4%	Average
Sanford Health - Sioux Falls Region	1,216	84.7%	79.2%	88.9%	Below Average
Mayo Clinic Health System - Lake City	51	83.8%	68.9%	92.4%	Below Average
Mayo Clinic Health System - Red Wing	33	83.2%	74.0%	89.5%	Below Average
Mayo Clinic Health System-Owatonna	40	78.6%	72.7%	83.4%	Below Average
Alexandria Clinic	96	77.8%	68.6%	84.8%	Below Average
Glenwood Medical Center	82	76.3%	64.0%	85.3%	Below Average
Apple Valley Medical Clinic	35	75.6%	68.6%	81.5%	Below Average
United Hospital District Clinic	89	75.0%	60.6%	85.4%	Below Average
Stevens Community Medical Center	368	72.7%	58.2%	83.7%	Below Average
Avera Medical Group - Pipestone	970	66.7%	49.6%	80.3%	Below Average
RiverView Health	771	55.0%	39.8%	69.3%	Below Average

Table 21: Breast Cancer Screening by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	21,412	63.0%	62.4%	63.7%	
Alexandria Clinic	1,351	84.6%	76.6%	90.1%	Above Average
Mayo Clinic Health System - Waseca	1,020	82.6%	69.3%	90.9%	Above Average
Mayo Clinic Health System - Lake City	293	80.7%	63.7%	90.8%	Above Average
Multicare Associates	477	80.4%	68.2%	88.7%	Above Average
Tri-County Health Care	296	79.2%	68.9%	86.8%	Above Average
Stellis Health, PA	585	78.2%	70.4%	84.4%	Above Average
HealthPartners Clinics	106	78.2%	75.9%	80.3%	Above Average
Mayo Clinic Health System-Owatonna	464	77.6%	71.5%	82.6%	Above Average
NorthPoint Health & Wellness Center	352	76.8%	70.2%	82.3%	Above Average
Mayo Clinic Health System - Mankato	343	75.6%	69.2%	81.1%	Above Average
Mayo Clinic	377	75.5%	71.2%	79.3%	Above Average
Allina Health	176	74.2%	72.2%	76.1%	Above Average
Mayo Clinic Health System - Red Wing	79	73.9%	66.2%	80.5%	Above Average
Glenwood Medical Center	56	73.3%	59.0%	84.0%	Average
Raiter Clinic, LTD - IHN	79	73.3%	55.6%	85.8%	Average
Affiliated Community Medical Centers	47	72.3%	67.3%	76.8%	Above Average
Scenic Rivers Health Services	122	72.2%	59.1%	82.4%	Average
Unity Family Healthcare - Avon	133	72.0%	61.4%	80.5%	Average
Fairview Medical Group	56	71.1%	68.2%	73.9%	Above Average
Gundersen Health System	200	71.1%	56.6%	82.3%	Average
Mankato Clinic, Ltd.	45	71.0%	63.9%	77.2%	Above Average
Mille Lacs Health System	66	71.0%	53.4%	83.9%	Average
Sanford Health - Fargo Region	37	70.8%	67.0%	74.3%	Above Average
Chippewa County Montevideo Hospital & Medical Clinic	47	70.3%	54.2%	82.5%	Average
HealthEast Clinics	428	70.2%	66.0%	74.2%	Above Average
Altru Health System	220	70.2%	56.0%	81.4%	Average
Essentia Health	91	70.0%	67.0%	72.8%	Above Average
Mayo Clinic Health System - Fairmont	31	69.9%	59.9%	78.3%	Average
Cuyuna Regional Medical Center	110	69.7%	57.8%	79.5%	Average
Sanford Health - Sioux Falls Region	43	69.6%	62.3%	76.0%	Average
Neighborhood Healthsource	171	68.9%	54.3%	80.5%	Average
CentraCare Health	119	68.5%	63.4%	73.1%	Above Average

Table 21: Breast Cancer Screening by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Medical Group Average	21,412	63.0%	62.4%	63.7%	
Lake Region Healthcare	77	68.1%	56.6%	77.7%	Average
Hutchinson Health	101	67.8%	58.8%	75.7%	Average
Park Nicollet Health Services	32	67.4%	64.4%	70.2%	Above Average
Mayo Clinic Health System - Albert Lea and Austin	82	67.0%	61.3%	72.3%	Average
North Clinic	130	66.0%	56.6%	74.4%	Average
Lakewood Health System	54	65.4%	55.7%	73.9%	Average
FirstLight Health System	70	64.5%	54.4%	73.5%	Average
Hennepin County Medical Center (HCMC) Clinics	1,919	64.4%	61.4%	67.3%	Average
Olmsted Medical Center	997	63.7%	58.7%	68.4%	Average
United Family Medicine	185	63.0%	54.1%	71.2%	Average
Avera Medical Group- McGreevy, United Med Ctr, Worthington	43	62.2%	47.6%	74.9%	Average
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	45	61.8%	45.0%	76.1%	Average
Apple Valley Medical Clinic	93	60.5%	45.6%	73.6%	Average
North Memorial	282	60.1%	54.5%	65.6%	Average
Family Practice Medical Center of Willmar	214	59.6%	45.3%	72.4%	Average
Northwest Family Physicians	80	59.5%	48.5%	69.6%	Average
Open Cities Health Center	115	58.8%	47.8%	68.9%	Average
Fairview Mesaba Clinics	34	58.2%	48.0%	67.8%	Average
Grand Itasca Clinic	31	57.5%	50.6%	64.2%	Average
Lakeview Clinic	45	57.0%	46.0%	67.3%	Average
West Side Community Health Services	78	56.9%	50.4%	63.2%	Average
Stevens Community Medical Center	225	56.3%	39.3%	71.8%	Average
Glencoe Regional Health Services	30	55.8%	41.1%	69.6%	Average
University of Minnesota Physicians	89	55.4%	50.8%	59.9%	Below Average
St. Luke's Clinics	72	55.0%	48.4%	61.4%	Below Average
Community University Health Care Center	984	52.6%	41.6%	63.3%	Average
Entira Family Clinics (formerly Family Health Services MN)	93	52.2%	46.5%	57.9%	Below Average
Winona Health Services	45	50.0%	37.3%	62.7%	Below Average
Ridgeview Clinics	197	47.5%	38.9%	56.3%	Below Average
St. Paul Family Medical Center	46	28.6%	19.3%	40.1%	Below Average
Cedar Riverside People's Center	142	26.2%	19.4%	34.3%	Below Average
Advanced Medical Clinic	952	14.6%	8.7%	23.4%	Below Average

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Fairview Bloomington Lake Xerxes	57	63.2%	50.2%	74.5%	Above Average
Fairview EdenCenter Clinic	91	58.2%	48.0%	67.8%	Above Average
Fairview Rosemount Clinic	45	57.8%	43.3%	71.0%	Above Average
Fairview Blaine Clinic	65	56.9%	44.8%	68.2%	Above Average
CentraCare River Campus-Internal Medicine	82	56.1%	45.3%	66.3%	Above Average
Fairview Eagan Clinic	116	56.0%	47.0%	64.7%	Above Average
Fairview Highland Park Clinic	40	55.0%	39.8%	69.3%	Above Average
Fairview Crosstown Clinic	111	53.2%	43.9%	62.2%	Above Average
HealthEast Roseville Clinic	34	52.9%	36.7%	68.6%	Above Average
Sanford Health Pierre Clinic	53	52.8%	39.7%	65.6%	Above Average
Allina Health - Blaine	57	52.6%	39.9%	65.0%	Above Average
North Memorial Clinic - Plymouth City Center	62	51.6%	39.5%	63.6%	Above Average
Sanford Health Vermillion Clinic	33	51.5%	35.2%	67.5%	Above Average
HealthPartners - Ctr for Internatl Hlth	189	50.8%	43.7%	57.8%	Above Average
Allina Health - Eagan	111	50.5%	41.3%	59.6%	Above Average
Fairview North Branch Clinic	70	50.0%	38.6%	61.4%	Above Average
HealthPartners - West	73	49.3%	38.2%	60.5%	Above Average
Fairview Elk River Clinic	55	49.1%	36.4%	61.9%	Above Average
Sanford Fargo Southpointe Clinic - Family Medicine	51	49.0%	35.9%	62.3%	Above Average
HealthPartners - Elk River	45	48.9%	35.0%	63.0%	Above Average
Fairview Oxboro Clinic	208	48.6%	41.9%	55.3%	Above Average
Mayo Clinic Health System Faribault Hwy 60	68	48.5%	37.1%	60.2%	Above Average
HealthPartners - Arden Hills	73	48.0%	36.9%	59.2%	Above Average
Fairview Burnsville Clinic	205	47.8%	41.1%	54.6%	Above Average
Fairview Bloomington Lake Minneapolis	151	47.7%	39.9%	55.6%	Above Average
Entira Family Clinics - Vadnais Heights	38	47.4%	32.5%	62.7%	Average
Mayo Clinic Health System St. Peter	96	46.9%	37.2%	56.8%	Above Average
HealthPartners - Coon Rapids	148	46.6%	38.8%	54.6%	Above Average
Fairview Fridley Clinic	174	46.6%	39.3%	54.0%	Above Average
Entira Family Clinics - Woodbury	54	46.3%	33.7%	59.4%	Above Average
Park Nicollet Clinic - Shakopee	182	46.2%	39.1%	53.4%	Above Average
CentraCare Health- Melrose	39	46.2%	31.6%	61.4%	Average
Fairview Andover Clinic	76	46.1%	35.3%	57.2%	Above Average
Allina Health - Farmington	57	45.6%	33.4%	58.4%	Above Average
Allina Health - Savage	33	45.5%	29.8%	62.0%	Average
Fairview Apple Valley Clinic	152	45.4%	37.7%	53.3%	Above Average
HealthPartners - Eagan	62	45.2%	33.4%	57.5%	Above Average
HealthPartners - Riverside	153	45.1%	37.4%	53.0%	Above Average
Fairview Bass Lake Clinic	49	44.9%	31.9%	58.7%	Average
Park Nicollet Clinic - Prior Lake	47	44.7%	31.4%	58.8%	Average
Park Nicollet Clinic - Golden Valley	52	44.2%	31.6%	57.7%	Average
Fairview Hiawatha Clinic	95	44.2%	34.6%	54.2%	Above Average
Fairview Brooklyn Park Clinic	236	44.1%	37.9%	50.5%	Above Average
Park Nicollet Clinic - Burnsville	286	44.1%	38.4%	49.9%	Above Average
Allina Health - Edina	75	44.0%	33.3%	55.3%	Above Average
Entira Family Clinics - East Side	141	44.0%	36.1%	52.2%	Above Average
Fairview Milaca Clinic	55	43.6%	31.4%	56.7%	Average
North Memorial Clinic - New Hope	39	43.6%	29.3%	59.0%	Average
HealthPartners - Brooklyn Center	134	43.3%	35.2%	51.7%	Above Average
Allina Health - St. Michael	37	43.2%	28.7%	59.1%	Average
Mayo Clinic Health System Le Sueur	35	42.9%	28.0%	59.1%	Average
Apple Valley Medical Clinic - Family Practice	134	42.5%	34.5%	51.0%	Above Average
Fairview Lakes Medical Center	127	42.5%	34.3%	51.2%	Above Average
Sanford Sioux Falls Internal Medicine Clinic	40	42.5%	28.5%	57.8%	Average
CentraCare Health Plaza-Family Medicine	118	42.4%	33.8%	51.4%	Above Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (△= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Sanford Aberdeen Clinic	85	42.4%	32.4%	53.0%	Average
Allina Health - Maplewood	189	42.3%	35.5%	49.5%	Above Average
HealthPartners - Hlth Ctr for Women	45	42.2%	29.0%	56.7%	Average
Allina Health - Annandale	45	42.2%	29.0%	56.7%	Average
Allina Health - Burnsville	70	41.4%	30.6%	53.1%	Average
HealthPartners - White Bear Lake	58	41.4%	29.6%	54.2%	Average
Allina Health - Coon Rapids	646	41.3%	37.6%	45.2%	Above Average
Fairview New Brighton Clinic	131	41.2%	33.2%	49.8%	Above Average
HealthEast Grand Avenue Clinic	95	41.1%	31.7%	51.1%	Average
Fairview Uptown Clinic	44	40.9%	27.7%	55.6%	Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	44	40.9%	27.7%	55.6%	Average
HCMC Clinics - Golden Valley Clinic	66	40.9%	29.9%	53.0%	Average
EH East Lakewalk Clinic	44	40.9%	27.7%	55.6%	Average
Entira Family Clinics - West St. Paul	54	40.7%	28.7%	54.0%	Average
Allina Health - Forest Lake	81	40.7%	30.7%	51.6%	Average
U of Minnesota Health - Fairview Maple Grove Medical Center	91	40.7%	31.1%	50.9%	Average
Mayo Clinic Health System Mankato Eastridge	148	40.5%	33.0%	48.6%	Above Average
Allina Health - Centennial Lakes	74	40.5%	30.1%	51.9%	Average
Park Nicollet Clinic - Brookdale	331	40.5%	35.3%	45.9%	Above Average
Mayo Clinic Health System Red Wing	168	40.5%	33.4%	48.0%	Above Average
HealthPartners - Woodbury	178	40.5%	33.5%	47.8%	Above Average
EH Central Baxter Clinic	109	40.4%	31.6%	49.8%	Average
Fairview Riverside Family Practice	57	40.4%	28.6%	53.3%	Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	181	40.3%	33.5%	47.6%	Above Average
CentraCare Health Plaza-Internal Medicine	67	40.3%	29.4%	52.3%	Average
Mayo Clinic Health System Plainview	30	40.0%	24.6%	57.7%	Average
Mayo Clinic Health System Red Wing in Zumbrota	35	40.0%	25.6%	56.4%	Average
EH East Hermantown Clinic	78	39.7%	29.6%	50.8%	Average
HCMC)Clinics - St. Anthony Village Clinic	53	39.6%	27.6%	53.1%	Average
Entira Family Clinics - North St. Paul	86	39.5%	29.9%	50.1%	Average
Park Nicollet Clinic - Maple Grove	109	39.5%	30.8%	48.8%	Average
Allina Health - Shoreview	71	39.4%	28.9%	51.1%	Average
Allina Health - Faribault	247	39.3%	33.4%	45.5%	Above Average
CentraCare Clinic - Northway	102	39.2%	30.3%	48.9%	Average
Allina Health - Champlin	64	39.1%	28.1%	51.3%	Average
Allina Health - Chaska	41	39.0%	25.7%	54.3%	Average
Entira Family Clinics - Como/Roseville	59	39.0%	27.6%	51.7%	Average
CentraCare Health- Long Prairie	77	39.0%	28.8%	50.1%	Average
Allina Health - Woodbury	126	38.9%	30.8%	47.6%	Average
Allina Health - Ramsey	85	38.8%	29.2%	49.5%	Average
Sanford Worthington Clinic	67	38.8%	28.1%	50.8%	Average
Mayo Clinic - Northwest	31	38.7%	23.7%	56.2%	Average
Allina Health - Highland Park	31	38.7%	23.7%	56.2%	Average
Allina Health - Chanhassen	62	38.7%	27.6%	51.2%	Average
HealthPartners - Bloomington	88	38.6%	29.1%	49.1%	Average
Park Nicollet Clinic - Prairie Center	44	38.6%	25.7%	53.4%	Average
Allina Health - Plymouth	114	38.6%	30.2%	47.8%	Average
Mayo Clinic Health System Fairmont	156	38.5%	31.2%	46.3%	Average
Lakewood Health System - Browerville Clinic	78	38.5%	28.5%	49.6%	Average
EH East Ely Clinic	78	38.5%	28.5%	49.6%	Average
Allina Health - Bloomington	112	38.4%	29.9%	47.6%	Average
△ Sanford Sioux Falls Diabetes and Thyroid Clinic	154	38.3%	31.0%	46.2%	Average
Sanford Health Watertown Clinic	34	38.2%	23.9%	55.0%	Average
Allina Health - West St. Paul	212	38.2%	31.9%	44.9%	Average
Mayo Clinic Health System Owatonna	370	38.1%	33.3%	43.2%	Above Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	357	38.1%	33.2%	43.2%	Above Average
Ortonville Area Health Services-Northside Medical Clinic	42	38.1%	25.0%	53.2%	Average
Glencoe Regional Health Services - Glencoe	150	38.0%	30.6%	46.0%	Average
Park Nicollet Clinic - Chanhassen	108	38.0%	29.4%	47.4%	Average
HCMC Clinics - Brooklyn Park Clinic	148	37.8%	30.4%	45.9%	Average
Park Nicollet Clinic - Bloomington	82	37.8%	28.1%	48.6%	Average
EH East Hibbing Clinic	53	37.7%	25.9%	51.2%	Average
HealthPartners - Apple Valley	104	37.5%	28.8%	47.1%	Average
Park Nicollet Clinic - Eagan	96	37.5%	28.5%	47.5%	Average
Park Nicollet Clinic - Creekside	40	37.5%	24.2%	53.0%	Average
Mayo Clinic Health System Cannon Falls	40	37.5%	24.2%	53.0%	Average
Allina Health - Vadnais Heights	40	37.5%	24.2%	53.0%	Average
Allina Health - Richfield	155	37.4%	30.2%	45.3%	Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	59	37.3%	26.1%	50.1%	Average
Allina Health - Isles	59	37.3%	26.1%	50.1%	Average
Fairview Princeton Clinic	153	37.3%	30.0%	45.1%	Average
Sanford Sioux Falls 41st & Sertoma Family Medicine Clinic	35	37.1%	23.2%	53.7%	Average
Mayo Clinic Health System Mankato Northridge	81	37.0%	27.3%	47.9%	Average
Affiliated Community Medical Centers- Marshall Clinic	176	36.9%	30.2%	44.3%	Average
Mayo Clinic - Baldwin Building, Family Medicine	65	36.9%	26.2%	49.1%	Average
HealthEast Midway Clinic	84	36.9%	27.4%	47.6%	Average
St Luke's Clinics-P.S. Rudie Medical Clinic	84	36.9%	27.4%	47.6%	Average
HealthPartners - Midway	285	36.8%	31.5%	42.6%	Average
HealthEast Oakdale	68	36.8%	26.3%	48.6%	Average
Allina Health - Brooklyn Park	79	36.7%	26.9%	47.7%	Average
HealthEast Downtown St. Paul Clinic	90	36.7%	27.5%	47.0%	Average
Olmsted Medical Center - Rochester Northwest	60	36.7%	25.6%	49.3%	Average
Affiliated Community Medical Centers - Willmar Clinic	325	36.6%	31.6%	42.0%	Average
Hutchinson Health - Hutchinson Clinic	186	36.6%	30.0%	43.7%	Average
Allina Health - Shakopee	107	36.5%	28.0%	45.9%	Average
Sanford Sioux Falls 49th & Oxbow Family Medicine Clinic	55	36.4%	24.9%	49.6%	Average
Allina Health - Northfield	157	36.3%	29.2%	44.1%	Average
North Memorial Clinic - Maple Grove	47	36.2%	24.0%	50.5%	Average
North Memorial Clinic - Arbor Lakes	36	36.1%	22.5%	52.4%	Average
Mayo Clinic Health System Lake City	50	36.0%	24.1%	49.9%	Average
Park Nicollet Clinic - Carlson	64	35.9%	25.3%	48.2%	Average
Mayo Clinic Health System Mankato Specialty Clinic	78	35.9%	26.2%	47.0%	Average
Sanford Thief River Falls Clinic	92	35.9%	26.8%	46.1%	Average
Community-University Health Care Center	335	35.8%	30.9%	41.1%	Average
Allina Health - Cottage Grove	165	35.8%	28.8%	43.3%	Average
Allina Health - Fridley	129	35.7%	27.9%	44.2%	Average
Sanford Luverne Clinic	45	35.6%	23.2%	50.2%	Average
Allina Health - Nicollet Mall	138	35.5%	28.0%	43.8%	Average
Fairview Columbia Heights Clinic	200	35.5%	29.2%	42.4%	Average
Park Nicollet Clinic - Minneapolis	310	35.5%	30.4%	41.0%	Average
EH West Moorhead	79	35.4%	25.8%	46.4%	Average
Allina Health - East Lake Street	133	35.3%	27.7%	43.8%	Average
Fairview Chisago Lakes Clinic	51	35.3%	23.6%	49.0%	Average
EH East Northern Pines Clinic	71	35.2%	25.1%	46.8%	Average
University of Minnesota Health - Primary Care Center	177	35.0%	28.4%	42.3%	Average
Entira Family Clinics - Inver Grove Heights	40	35.0%	22.1%	50.5%	Average
Allina Health - Buffalo	135	34.8%	27.3%	43.2%	Average
Altru Health System - Roseau	69	34.8%	24.6%	46.6%	Average
Gateway Family Health Clinic - Moose Lake	92	34.8%	25.8%	45.0%	Average
Sanford Health Detroit Lakes Clinic	95	34.7%	25.9%	44.7%	Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
North Memorial Clinic - Northeast Family Physicians	52	34.6%	23.2%	48.2%	Average
Sanford Fargo Southpointe Clinic - Internal Medicine	52	34.6%	23.2%	48.2%	Average
HealthPartners Central Minnesota Clinics	208	34.6%	28.5%	41.3%	Average
HealthPartners - Roseville	55	34.6%	23.4%	47.8%	Average
North Memorial Clinic - Brooklyn Park Physicians	87	34.5%	25.3%	44.9%	Average
Altru Health System - Crookston	87	34.5%	25.3%	44.9%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	215	34.4%	28.4%	41.0%	Average
Fairview Rush City Clinic	32	34.4%	20.4%	51.7%	Average
North Memorial Clinic - St. Anthony	64	34.4%	23.9%	46.6%	Average
Mankato Clinic - Main Street	163	34.4%	27.5%	41.9%	Average
Allina Health - Hopkins	35	34.3%	20.8%	50.9%	Average
EH Central Brainerd Clinic	254	34.3%	28.7%	40.3%	Average
HealthPartners - University Ave	167	34.1%	27.4%	41.6%	Average
Stillwater Medical Group - Curve Crest Clinic	167	34.1%	27.4%	41.6%	Average
Centracare Clinic-SCMG St. Cloud Medical Group South	124	33.9%	26.1%	42.6%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	266	33.8%	28.4%	39.7%	Average
Allina Health - Elk River	68	33.8%	23.7%	45.7%	Average
Mayo Clinic - Northeast	83	33.7%	24.5%	44.4%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	268	33.6%	28.2%	39.4%	Average
Fairview Pine City Clinic	42	33.3%	21.0%	48.5%	Average
HealthEast Cottage Grove Clinic	42	33.3%	21.0%	48.5%	Average
North Memorial Clinic - Camden	93	33.3%	24.6%	43.4%	Average
Sanford East Grand Forks Clinic	39	33.3%	20.6%	49.0%	Average
Centracare Clinic-Albany	33	33.3%	19.8%	50.4%	Average
Advanced Medical Clinic, Inc.*	45	33.3%	21.4%	47.9%	Average
Allina Health - Bandana Square	224	33.0%	27.2%	39.4%	Average
Stellis Health-Monticello Clinic	109	33.0%	24.9%	42.3%	Average
Southside Medical Clinic	79	32.9%	23.6%	43.9%	Average
Mayo Clinic Health System Waseca	76	32.9%	23.4%	44.1%	Average
Allina Health Specialties - New Ulm Medical Center	195	32.8%	26.6%	39.7%	Average
HCMC Clinics - Brooklyn Center Clinic	159	32.7%	25.9%	40.3%	Average
CentraCare Health- Sauk Centre	52	32.7%	21.5%	46.2%	Average
Sanford Moorhead Clinic - Internal Medicine	49	32.7%	21.2%	46.6%	Average
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	203	32.5%	26.5%	39.2%	Average
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	37	32.4%	19.6%	48.5%	Average
North Clinic - Oakdale Office in Robbinsdale	34	32.4%	19.1%	49.2%	Average
Johnson Memorial Health Services - Dawson Clinic	31	32.3%	18.6%	49.9%	Average
Sleepy Eye Medical Center	31	32.3%	18.6%	49.9%	Average
Allina Health - Maple Grove	56	32.1%	21.4%	45.2%	Average
HealthEast Rice Street Clinic	315	31.8%	26.9%	37.1%	Average
HealthPartners - Maplewood	190	31.6%	25.4%	38.5%	Average
RR Health Services dba Fairview Mesaba Clinic - Nashwauk	38	31.6%	19.1%	47.5%	Average
Fairview Lino Lakes Clinic	54	31.5%	20.7%	44.7%	Average
Allina Health - Cambridge	328	31.4%	26.6%	36.6%	Average
HealthEast Tamarack Clinic Woodbury	51	31.4%	20.3%	45.0%	Average
Allina Health - United Medical Specialties	268	31.3%	26.1%	37.1%	Average
Δ Ridgeview Specialty Clinic - Endocrinology - Waconia	32	31.3%	18.0%	48.6%	Average
HealthPartners - Nokomis	45	31.1%	19.5%	45.7%	Average
Avera Medical Group - Marshall	71	31.0%	21.4%	42.5%	Average
Fairview Zimmerman Clinic	42	31.0%	19.1%	46.0%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	201	30.9%	24.9%	37.5%	Average
Δ Park Nicollet Clinic - Endocrinology	120	30.8%	23.3%	39.6%	Average
HealthEast Roselawn Clinic	286	30.8%	25.7%	36.3%	Average
North Memorial Clinic - Golden Valley Physicians	65	30.8%	20.9%	42.8%	Average
Δ CentraCare Health Plaza-Endocrinology	130	30.8%	23.5%	39.2%	Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Olmsted Medical Center - Rochester Southeast	351	30.8%	26.2%	35.8%	Average
EH East Deer River Clinic	91	30.8%	22.2%	40.9%	Average
Gateway Family Health Clinic - Sandstone	75	30.7%	21.4%	41.8%	Average
EH East Duluth Clinic 1st St	288	30.6%	25.5%	36.1%	Average
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	46	30.4%	19.1%	44.8%	Average
St Luke's Clinics-Denfeld	79	30.4%	21.3%	41.2%	Average
Sanford Health Jamestown Clinic	56	30.4%	19.9%	43.3%	Average
Mayo Clinic Health System Austin	300	30.3%	25.4%	35.8%	Average
Centracare Clinic-SCMG Clearwater Medical Clinic	33	30.3%	17.4%	47.3%	Average
Mayo Family Clinic Southeast	33	30.3%	17.4%	47.3%	Average
Allina Health - Cokato	33	30.3%	17.4%	47.3%	Average
Δ University of Minnesota Health - Endocrine Clinic	294	30.3%	25.3%	35.8%	Average
EH West Detroit Lakes Clinic	195	30.3%	24.2%	37.0%	Average
Sanford Fargo Broadway Clinic - Internal Medicine	53	30.2%	19.5%	43.5%	Average
Park Nicollet Clinic - Plymouth	60	30.0%	19.9%	42.5%	Average
North Memorial Clinic - Blaine	30	30.0%	16.7%	47.9%	Average
Affiliated Community Medical Centers - New London Clinic	30	30.0%	16.7%	47.9%	Average
Mankato Clinic - Wickersham Campus	50	30.0%	19.1%	43.8%	Average
EH West Park Rapids Clinic	131	29.8%	22.6%	38.1%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	205	29.8%	23.9%	36.3%	Average
Mayo Clinic Health System St. James	64	29.7%	19.9%	41.8%	Average
EH East Lakeside Clinic	54	29.6%	19.1%	42.8%	Average
HealthPartners - Como	125	29.6%	22.3%	38.1%	Average
North Clinic - Plymouth	75	29.3%	20.2%	40.4%	Average
Affiliated Community Medical Centers - Redwood Falls Clinic	75	29.3%	20.2%	40.4%	Average
EH Central Pine River Clinic	75	29.3%	20.2%	40.4%	Average
Ridgeview Westonka Clinic	41	29.3%	17.6%	44.5%	Average
Entira Family Clinics - White Bear Lake-Bellaire Avenue	31	29.0%	16.1%	46.6%	Average
Mayo Clinic Health System Albert Lea	286	29.0%	24.1%	34.5%	Average
North Memorial Clinic - Brooklyn Center Physicians	138	29.0%	22.1%	37.0%	Average
Lakewood Health System - Motley Clinic	38	29.0%	17.0%	44.8%	Average
North Clinic - Maple Grove Office	66	28.8%	19.3%	40.6%	Average
Avera Medical Group - Worthington	80	28.8%	20.0%	39.5%	Average
St Luke's Clinics-Internal Medicine Associates	87	28.7%	20.3%	39.0%	Average
CentraCare Health- Family Health Center	231	28.6%	23.1%	34.7%	Average
Sanford Bemidji Main Clinic - Family Medicine	137	28.5%	21.6%	36.5%	Average
FirstLight Health System - Mora	183	28.4%	22.4%	35.3%	Average
EH East Spooner Clinic	46	28.3%	17.3%	42.6%	Average
Allina Health - Uptown	39	28.2%	16.5%	43.8%	Average
EH East Proctor Clinic	39	28.2%	16.5%	43.8%	Average
Alexandria Clinic, A Service of Douglas County Hospital	149	28.2%	21.6%	35.9%	Average
Avera - Pipestone County Medical Center	57	28.1%	18.1%	40.8%	Average
Scenic Rivers Health Services - Bigfork/Big Falls	50	28.0%	17.5%	41.7%	Average
HealthPartners - St Paul	359	27.9%	23.5%	32.7%	Average
HealthEast Woodbury Clinic	79	27.9%	19.2%	38.6%	Average
Sanford Fargo Resident Clinic	36	27.8%	15.9%	44.0%	Average
Stellis Health-Buffalo Clinic	98	27.6%	19.7%	37.1%	Average
Sanford Health Alexandria Broadway Clinic	120	27.5%	20.3%	36.1%	Average
EH East Duluth Clinic	40	27.5%	16.1%	42.8%	Average
Allina Health - First Street	142	27.5%	20.8%	35.3%	Average
Δ St Luke's Clinics-Endocrinology Associates	51	27.5%	17.1%	41.0%	Average
Tri-County Health Care - Wadena Clinic	128	27.3%	20.4%	35.6%	Average
Mayo Clinic Health System Wabasha	44	27.3%	16.4%	41.9%	Average
HealthPartners - Andover	59	27.1%	17.4%	39.6%	Average
Allina Health - Inver Grove Heights	78	26.9%	18.3%	37.7%	Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Altru Health System - Main	134	26.9%	20.1%	34.9%	Average
Lakewood Health System - Pillager Clinic	67	26.9%	17.7%	38.5%	Average
HealthPartners - Anoka	154	26.6%	20.3%	34.1%	Average
EH East Virginia Clinic	151	26.5%	20.1%	34.1%	Average
EH West Walker Clinic	34	26.5%	14.6%	43.1%	Average
West Side Community Health Services - La Clinica	261	26.4%	21.5%	32.1%	Below Average
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	38	26.3%	15.0%	42.0%	Average
EH East Hayward Clinic	76	26.3%	17.7%	37.2%	Average
Family Medical Center	179	26.3%	20.4%	33.2%	Average
United Family Medicine	461	26.3%	22.4%	30.5%	Below Average
U of Minnesota Physicians - Bethesda Family Medicine Clinic	340	26.2%	21.8%	31.1%	Below Average
Mayo Clinic - Kasson	54	25.9%	16.1%	38.9%	Average
Sanford Moorhead Clinic - Family Medicine	58	25.9%	16.4%	38.4%	Average
Sanford Sheldon Clinic	31	25.8%	13.7%	43.3%	Average
Sanford Fargo North Fargo Clinic	51	25.5%	15.6%	38.9%	Average
Northwest Family Physicians - Crystal	118	25.4%	18.4%	34.0%	Average
Neighborhood HealthSource - Fremont Clinic	63	25.4%	16.3%	37.3%	Average
EH West Fosston Clinic	99	25.3%	17.7%	34.6%	Average
Mayo Clinic - Speciality Practice	199	25.1%	19.6%	31.6%	Below Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	594	25.1%	21.8%	28.7%	Below Average
Entira Family Clinics - Maplewood/Battle Creek	68	25.0%	16.2%	36.4%	Average
Allina Health - Lakeville	36	25.0%	13.8%	41.1%	Average
Centracare Clinic-SCMG Northwest	129	24.8%	18.2%	32.9%	Average
Riverwood Aitkin Clinic	81	24.7%	16.6%	35.1%	Average
Raiter Clinic	167	24.6%	18.6%	31.6%	Below Average
HealthEast Vadnais Heights Clinic	49	24.5%	14.6%	38.1%	Average
EH East West Duluth Clinic	156	24.4%	18.3%	31.7%	Below Average
Tyler Medical Clinic - Avera	37	24.3%	13.4%	40.1%	Average
RR Hlth Srvcs dba Fairview Mesaba Clinic - Mountain Iron	70	24.3%	15.8%	35.5%	Average
Δ HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	137	24.1%	17.7%	31.9%	Below Average
HealthPartners - Specialty Center 401	100	24.0%	16.7%	33.2%	Average
Altru Health System - Lake Region	50	24.0%	14.3%	37.4%	Average
Affiliated Community Medical Centers - Granite Falls Clinic	63	23.8%	15.0%	35.6%	Average
Lakewood Health System - Staples Clinic	38	23.7%	13.0%	39.2%	Average
Allina Health Specialties - ANGMA - Mpls	34	23.5%	12.4%	40.0%	Average
FirstLight Health System - Pine City	47	23.4%	13.6%	37.2%	Average
Neighborhood HealthSource-Central Clinic	90	23.3%	15.8%	33.1%	Average
Neighborhood HealthSource - Sheridan Clinic	30	23.3%	11.8%	40.9%	Average
HealthEast Maplewood Clinic	159	23.3%	17.4%	30.4%	Below Average
Renville County Hospital and Clinics - Olivia	43	23.3%	13.2%	37.7%	Average
EH East Ashland Clinic	69	23.2%	14.8%	34.4%	Average
Mille Lacs Health System - Isle	95	23.2%	15.8%	32.6%	Average
HCMC Clinics - Downtown Medicine Clinic	1,253	23.1%	20.9%	25.6%	Below Average
Sanford Health Wahpeton Clinic	52	23.1%	13.7%	36.1%	Average
U of M Physicians - Phalen Village Family Medicine Clinic	221	23.1%	18.0%	29.1%	Below Average
Cuyuna Regional Medical Center-Clinic Services	156	23.1%	17.2%	30.3%	Below Average
RiverView Clinic	61	23.0%	14.2%	34.9%	Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	44	22.7%	12.8%	37.0%	Average
Δ Sanford Fargo Southpointe Clinic - Endocrinology	115	22.6%	15.9%	31.1%	Below Average
EH East Grand Rapids Clinic	31	22.6%	11.4%	39.8%	Average
Mille Lacs Health System - Onamia	133	22.6%	16.3%	30.4%	Below Average
Mankato Clinic - North Mankato	49	22.5%	13.0%	35.9%	Average
EH East Superior Clinic	130	22.3%	16.0%	30.2%	Below Average
NorthPoint Health & Wellness Center	687	22.3%	19.3%	25.5%	Below Average
Δ Sanford Bemidji Main Clinic - Endocrinology	36	22.2%	11.7%	38.1%	Average

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

Table 22.1: Optimal Diabetes Care by Clinic

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

Clinic Name (Δ= Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
CentraCare Health- Paynesville Clinic	54	22.2%	13.2%	34.9%	Average
EH East International Falls Clinic	97	21.7%	14.6%	30.8%	Below Average
Fairview Riverside Integrated Primary Care	65	21.5%	13.3%	33.0%	Average
RR Health Services dba Fairview Mesaba Clinic - Hibbing	130	21.5%	15.3%	29.4%	Below Average
Grand Itasca Clinic	263	21.3%	16.8%	26.6%	Below Average
St Luke's Clinics-Laurentian	33	21.2%	10.7%	37.8%	Average
Integracare Ltd dba Williams Clinic	33	21.2%	10.7%	37.8%	Average
Duluth Family Medicine Clinic	142	21.1%	15.2%	28.6%	Below Average
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	57	21.1%	12.5%	33.3%	Average
West Side Community Health Services - East Side Family Clinic	395	21.0%	17.3%	25.3%	Below Average
HealthPartners - Inver Grove Heights	72	20.8%	13.1%	31.6%	Below Average
Sanford Bagley Clinic	48	20.8%	11.7%	34.3%	Average
U of Minnesota Physicians - Broadway Family Medicine Clinic	299	20.7%	16.5%	25.7%	Below Average
Altru Health System - Family Medicine Center	70	20.0%	12.3%	30.8%	Below Average
St Luke's Clinics-Hibbing Family Medical Clinic	105	20.0%	13.5%	28.7%	Below Average
Lake Superior Community Health Center - Duluth	85	20.0%	12.9%	29.7%	Below Average
West Side Community Health Services - McDonough Homes Clinic	116	19.8%	13.6%	28.0%	Below Average
EH West South University Clinic	66	19.7%	11.9%	30.8%	Below Average
Cedar Riverside People's Center - People's Center Medical Clinic	401	19.5%	15.9%	23.6%	Below Average
Native American Community Clinic	222	19.4%	14.7%	25.1%	Below Average
AXIS Medical Center	275	18.9%	14.7%	24.0%	Below Average
North Clinic - Osseo Office	53	18.9%	10.6%	31.4%	Below Average
North Memorial Clinic - Elk River Physicians	38	18.4%	9.2%	33.4%	Average
Allina Health - Edina Family Physicians	50	18.0%	9.8%	30.8%	Below Average
HCMC Clinics - Positive Care Clinic	86	17.4%	10.9%	26.8%	Below Average
Olmsted Medical Center - Stewartville Clinic	35	17.1%	8.1%	32.7%	Average
Altru Health System - Grand Forks Family Medicine Residency	53	17.0%	9.2%	29.2%	Below Average
St Luke's Clinics-Mount Royal	30	16.7%	7.3%	33.6%	Average
St Luke's Clinics-Chequamegon Clinic	30	16.7%	7.3%	33.6%	Average
Riverwood McGregor Clinic	52	15.4%	8.0%	27.5%	Below Average
Lake View Clinic - Two Harbors	54	14.8%	7.7%	26.6%	Below Average
Indian Health Board of Minneapolis	116	12.9%	8.0%	20.2%	Below Average
Open Cities Health (Dunlap) - Family Medicine	175	12.0%	8.0%	17.7%	Below Average
Open Door Health Center	92	8.7%	4.5%	16.2%	Below Average
HCMC Clinics - Coordinated Care Clinic	96	8.3%	4.3%	15.6%	Below Average
Life Medical	37	8.1%	2.8%	21.3%	Below Average
Open Cities Health Center (Northend)- Family Medicine	79	7.6%	3.5%	15.6%	Below Average
LakeWood Health Center Clinic	30	6.7%	1.9%	21.3%	Below Average
Prairie Ridge Hospital & Health Services - Elbow Lake	31	3.2%	0.6%	16.2%	Below Average

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

Table 22.2: Optimal Diabetes Care by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Fairview Health Services	3,209	44.9%	43.2%	46.7%	Above Average
Apple Valley Medical Clinic	134	42.5%	34.5%	51.0%	Above Average
Entira Family Clinics (formerly Family Health Services MN)	640	39.1%	35.4%	42.9%	Above Average
Sanford Health - Sioux Falls Region	1,084	39.0%	36.2%	42.0%	Above Average
Park Nicollet Health Services	2,492	38.4%	36.6%	40.4%	Above Average
Ortonville Area Health Services-Northside Medical Clinic	42	38.1%	25.0%	53.2%	Average
Glencoe Regional Health Services	159	37.7%	30.6%	45.5%	Average
Allina Health Clinics	5,388	37.1%	35.8%	38.3%	Above Average
HealthPartners Clinics	3,042	36.7%	35.0%	38.5%	Above Average
Hutchinson Health	197	36.0%	29.7%	43.0%	Average
Community University Health Care Center	335	35.8%	30.9%	41.1%	Average
Mayo Clinic Health System	2,348	35.8%	33.9%	37.7%	Above Average
Affiliated Community Medical Centers	772	35.0%	31.7%	38.4%	Average
HealthPartners Central Minnesota Clinics	208	34.6%	28.5%	41.3%	Average
Dawson Clinic	32	34.4%	20.4%	51.7%	Average
CentraCare Health	1,431	34.1%	31.7%	36.6%	Average
Allina Health Specialties	285	34.0%	28.8%	39.7%	Average
Sibley Medical Center DBA Ridgeview Sibley Medical Center	56	33.9%	22.9%	47.0%	Average
North Memorial	810	33.7%	30.5%	37.0%	Average
Gateway Family Health Clinic	184	33.7%	27.3%	40.8%	Average
Stillwater Medical Group	204	33.3%	27.2%	40.1%	Average
Mayo Clinic	822	33.3%	30.2%	36.6%	Average
Advanced Medical Clinic	45	33.3%	21.4%	47.9%	Average
Southside Community Health Services	79	32.9%	23.6%	43.9%	Average
HealthEast Clinics	1,387	32.3%	29.9%	34.8%	Average
Sleepy Eye Medical Center	31	32.3%	18.6%	49.9%	Average
Olmsted Medical Center	607	31.3%	27.7%	35.1%	Average
Mankato Clinic, Ltd.	301	31.2%	26.3%	36.7%	Average
Lakewood Health System	222	30.6%	24.9%	37.0%	Average
Stellis Health, PA	231	30.3%	24.7%	36.5%	Average
Lake Region Healthcare	235	30.2%	24.7%	36.4%	Average
Essentia Health	2,925	30.0%	28.4%	31.7%	Below Average
Sanford Health - Fargo Region	1,509	29.6%	27.4%	32.0%	Below Average
Gundersen Health System	55	29.1%	18.8%	42.1%	Average
FirstLight Health System	252	28.6%	23.4%	34.4%	Average
University of Minnesota Physicians	1,734	28.4%	26.3%	30.5%	Below Average
Tri-County Health Care	166	28.3%	22.0%	35.6%	Average

Table 22.2: Optimal Diabetes Care by Medical Group

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

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	45,023	32.5%	32.1%	33.0%	
Avera Medical Group	269	28.3%	23.2%	33.9%	Average
Alexandria Clinic	173	27.8%	21.6%	34.9%	Average
Northfield Hospital + Clinics	51	27.5%	17.1%	41.0%	Average
North Clinic	228	27.2%	21.8%	33.3%	Average
Renville County Hospital and Clinics	59	27.1%	17.4%	39.6%	Average
Hennepin County Medical Center (HCMC) Clinics	3,242	26.5%	25.0%	28.1%	Below Average
Altru Health System	541	26.4%	22.9%	30.3%	Below Average
United Family Medicine	463	26.1%	22.3%	30.3%	Below Average
Scenic Rivers Health Services	111	26.1%	18.9%	35.0%	Average
Unity Family Healthcare, Family Medical Center	184	26.1%	20.3%	32.9%	Average
St. Luke's Clinics	581	25.8%	22.4%	29.5%	Below Average
Raiter Clinic, LTD - IHN	167	24.6%	18.6%	31.6%	Below Average
Ridgeview Clinics	198	24.2%	18.8%	30.7%	Below Average
Northwest Family Physicians	166	24.1%	18.2%	31.1%	Below Average
Neighborhood Healthsource	183	24.0%	18.4%	30.7%	Below Average
Fairview Mesaba Clinics	238	24.0%	19.0%	29.8%	Below Average
St. Croix Regional Medical Center	69	23.2%	14.8%	34.4%	Average
RiverView Health	61	23.0%	14.2%	34.9%	Average
West Side Community Health Services	772	22.7%	19.9%	25.8%	Below Average
NorthPoint Health & Wellness Center	687	22.3%	19.3%	25.5%	Below Average
Mille Lacs Health System	258	22.1%	17.5%	27.5%	Below Average
Cuyuna Regional Medical Center	197	21.8%	16.6%	28.1%	Below Average
Grand Itasca Clinic	263	21.3%	16.8%	26.6%	Below Average
Williams Integracare Clinic	33	21.2%	10.7%	37.8%	Average
Duluth Family Medicine Clinic	142	21.1%	15.2%	28.6%	Below Average
Lake Superior Community Health Center	85	20.0%	12.9%	29.7%	Below Average
Cedar Riverside People's Center	404	19.6%	16.0%	23.7%	Below Average
Riverwood Healthcare Center	154	19.5%	14.0%	26.5%	Below Average
Native American Community Clinic	222	19.4%	14.7%	25.1%	Below Average
Axis Medical Center	275	18.9%	14.7%	24.0%	Below Average
Prairie Ridge Hospital & Health Services	44	15.9%	7.9%	29.4%	Below Average
Lake View Clinic - Two Harbors	54	14.8%	7.7%	26.6%	Below Average
Indian Health Board of Minneapolis	116	12.9%	8.0%	20.2%	Below Average
Open Cities Health Center	254	10.6%	7.4%	15.0%	Below Average
Open Door Health Center	92	8.7%	4.5%	16.2%	Below Average
Life Medical	40	7.5%	2.6%	19.9%	Below Average
Lakewood Health Center Clinic	30	6.7%	1.9%	21.3%	Below Average

Table 23.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
Park Nicollet Clinic - Golden Valley	42	78.6%	64.1%	88.3%	Above Average
Fairview Chisago Lakes Clinic	42	78.6%	64.1%	88.3%	Above Average
Allina Health - Savage	33	75.8%	59.0%	87.2%	Above Average
#CentraCare Health Plaza- Pediatrics	59	74.6%	62.2%	83.9%	Above Average
Park Nicollet Clinic - Shakopee	167	74.3%	67.1%	80.3%	Above Average
Fairview Rosemount Clinic	36	72.2%	56.0%	84.2%	Above Average
Allina Health - Eagan	152	71.1%	63.4%	77.7%	Above Average
Fairview Riverside Integrated Primary Care	40	70.0%	54.6%	81.9%	Above Average
Allina Health - Farmington	53	69.8%	56.5%	80.5%	Above Average
HealthPartners - Andover	52	69.2%	55.7%	80.1%	Above Average
HealthPartners Central Minnesota Clinics	206	68.9%	62.3%	74.9%	Above Average
Fairview Lino Lakes Clinic	35	68.6%	52.0%	81.5%	Above Average
Entira Family Clinics - White Bear Lake/Banning Ave	38	68.4%	52.5%	80.9%	Above Average
Fairview Lakes Medical Center	80	67.5%	56.6%	76.8%	Above Average
Park Nicollet Clinic - Prior Lake	83	67.5%	56.8%	76.6%	Above Average
Fairview Prior Lake Clinic	43	67.4%	52.5%	79.5%	Above Average
Fairview Zimmerman Clinic	46	67.4%	53.0%	79.1%	Above Average
Fairview Highland Park Clinic	51	66.7%	53.0%	78.0%	Above Average
Allina Health - Buffalo	144	65.3%	57.2%	72.6%	Above Average
Allina Health - Shakopee	74	64.9%	53.5%	74.8%	Above Average
HealthPartners - Lino Lakes	51	64.7%	51.0%	76.4%	Above Average
Fairview Bloomington Lake Minneapolis	51	64.7%	51.0%	76.4%	Above Average
Allina Health - Cokato	34	64.7%	47.9%	78.5%	Above Average
CentraCare Clinic - Northway	62	64.5%	52.1%	75.3%	Above Average
Park Nicollet Clinic - Champlin	56	64.3%	51.2%	75.5%	Above Average
Allina Health - St. Michael	53	64.2%	50.7%	75.7%	Above Average
Mankato Clinic - North Mankato	47	63.8%	49.5%	76.0%	Above Average
Fairview Hiawatha Clinic	77	63.6%	52.5%	73.5%	Above Average
Allina Health - Plymouth	63	63.5%	51.2%	74.3%	Above Average
Allina Health - Annandale	41	63.4%	48.1%	76.4%	Above Average
Allina Health - Uptown	30	63.3%	45.5%	78.1%	Above Average
Fairview Bloomington Lake Xerxes	38	63.2%	47.3%	76.6%	Above Average
Fairview Apple Valley Clinic	89	62.9%	52.6%	72.2%	Above Average
Fairview Princeton Clinic	124	62.9%	54.1%	70.9%	Above Average
HealthPartners - Elk River	72	62.5%	51.0%	72.8%	Above Average
Allina Health - Northfield	136	62.5%	54.1%	70.2%	Above Average
Fairview New Brighton Clinic	90	62.2%	51.9%	71.5%	Above Average
Fairview Uptown Clinic	74	62.2%	50.8%	72.4%	Above Average
Fairview EdenCenter Clinic	37	62.2%	46.1%	75.9%	Above Average
HealthPartners - Eagan	58	62.1%	49.2%	73.4%	Above Average
Allina Health - Chaska	50	62.0%	48.2%	74.1%	Above Average
Fairview Brooklyn Park Clinic	121	62.0%	53.1%	70.1%	Above Average
HealthPartners - Coon Rapids	144	61.8%	53.7%	69.3%	Above Average
Allina Health - Blaine	52	61.5%	48.0%	73.5%	Above Average
Fairview North Branch Clinic	75	61.3%	50.0%	71.5%	Above Average
Allina Health - Prescott	31	61.3%	43.8%	76.3%	Above Average
Mayo Clinic Health System St. Peter	41	61.0%	45.7%	74.3%	Above Average
HealthPartners - Nokomis	69	60.9%	49.1%	71.5%	Above Average
Fairview Elk River Clinic	56	60.7%	47.6%	72.4%	Above Average
North Memorial Clinic - Golden Valley Physicians	66	60.6%	48.6%	71.5%	Above Average
Fairview Bass Lake Clinic	43	60.5%	45.6%	73.6%	Above Average
Allina Health - First Street	214	60.3%	53.6%	66.6%	Above Average
Allina Health - Maple Grove	45	60.0%	45.5%	73.0%	Above Average
Allina Health - Richfield	144	59.7%	51.6%	67.4%	Above Average

Table 23.1: Optimal Asthma Control– Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
Mankato Clinic - Daniel's Health Center	52	59.6%	46.1%	71.8%	Above Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	74	59.5%	48.1%	69.9%	Above Average
Fairview Rogers Clinic	32	59.4%	42.3%	74.5%	Above Average
Park Nicollet Clinic - Prairie Center	54	59.3%	46.0%	71.3%	Above Average
Fairview Blaine Clinic	44	59.1%	44.4%	72.3%	Above Average
Allina Health - Shoreview	88	59.1%	48.7%	68.8%	Above Average
Allina Health - Hopkins	39	59.0%	43.4%	72.9%	Above Average
Fairview Columbia Heights Clinic	119	58.8%	49.8%	67.3%	Above Average
Park Nicollet Clinic - Carlson	77	58.4%	47.3%	68.8%	Above Average
HealthPartners - Maplewood	233	58.4%	52.0%	64.5%	Above Average
Fairview Fridley Clinic	112	58.0%	48.8%	66.8%	Above Average
Allina Health - Highland Park	45	57.8%	43.3%	71.0%	Above Average
HCMC Clinics - Downtown Pediatric Clinic	85	57.7%	47.0%	67.6%	Above Average
Park Nicollet Clinic - St. Louis Park Family Medicine	296	57.1%	51.4%	62.6%	Above Average
Allina Health - Faribault	221	57.0%	50.4%	63.4%	Above Average
HealthPartners - Arden Hills	67	56.7%	44.8%	67.9%	Above Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	67	56.7%	44.8%	67.9%	Above Average
Fairview Eagan Clinic	69	56.5%	44.8%	67.6%	Above Average
Allina Health - Dean Lakes	46	56.5%	42.3%	69.8%	Above Average
Fairview Burnsville Clinic	62	56.5%	44.1%	68.1%	Above Average
EH East Hayward Clinic	48	56.3%	42.3%	69.3%	Above Average
Park Nicollet Clinic - Eagan	105	56.2%	46.7%	65.3%	Above Average
HealthPartners - White Bear Lake	89	56.2%	45.8%	66.0%	Above Average
FirstLight Health System - Mora	182	56.0%	48.8%	63.1%	Above Average
HealthPartners - Cottage Grove	34	55.9%	39.5%	71.1%	Average
Olmsted Medical Center - Chatfield Clinic	34	55.9%	39.5%	71.1%	Average
Allina Health - Ramsey	129	55.8%	47.2%	64.1%	Above Average
Fairview Andover Clinic	61	55.7%	43.3%	67.5%	Above Average
Allina Health - Maplewood	211	55.5%	48.7%	62.0%	Above Average
Mankato Clinic - Wickersham Campus	96	55.2%	45.3%	64.8%	Above Average
Allina Health - West St. Paul	236	55.1%	48.7%	61.3%	Above Average
Park Nicollet Clinic - Bloomington	115	54.8%	45.7%	63.6%	Above Average
EH East Deer River Clinic	81	54.3%	43.5%	64.7%	Above Average
Olmsted Medical Center - Rochester Northwest	35	54.3%	38.2%	69.5%	Average
Allina Health - Cottage Grove	192	54.2%	47.1%	61.1%	Above Average
■ Allergy, Asthma & Immunology - Shoreview	37	54.1%	38.4%	69.0%	Average
Allina Health - Forest Lake	126	54.0%	45.3%	62.4%	Above Average
Affiliated Community Medical Centers - Redwood Falls Clinic	78	53.9%	42.9%	64.5%	Above Average
Allina Health - Brooklyn Park	91	53.9%	43.7%	63.7%	Above Average
Allina Health - Coon Rapids	574	53.7%	49.6%	57.7%	Above Average
Allina Health - Elk River	69	53.6%	42.0%	64.9%	Above Average
Fairview Riverside Family Practice	56	53.6%	40.7%	66.0%	Above Average
North Memorial Clinic - Brooklyn Park Physicians	56	53.6%	40.7%	66.0%	Above Average
Park Nicollet Clinic - Shorewood	43	53.5%	38.9%	67.5%	Average
HCMC Clinics - East Lake Clinic	111	53.2%	43.9%	62.2%	Above Average
Stillwater Medical Group - Somerset Clinic	32	53.1%	36.5%	69.1%	Average
Allina Health - Inver Grove Heights	96	53.1%	43.2%	62.8%	Above Average
Mayo Clinic Health System Wabasha	36	52.8%	37.0%	68.0%	Average
HealthPartners - Roseville	55	52.7%	39.8%	65.3%	Average
Entira Family Clinics - Como/Roseville	44	52.3%	37.9%	66.3%	Average
Allina Health Specialties - New Ulm Medical Center	167	52.1%	44.6%	59.5%	Above Average
Allina Health - Fridley	122	51.6%	42.9%	60.3%	Above Average
Entira Family Clinics - North St. Paul	62	51.6%	39.5%	63.6%	Average
Mayo Clinic Health System Austin	198	51.5%	44.6%	58.4%	Above Average

Table 23.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
Fairview Milaca Clinic	37	51.4%	35.9%	66.6%	Average
EH East Ely Clinic	39	51.3%	36.2%	66.1%	Average
Mayo Clinic Health System St. James	41	51.2%	36.5%	65.8%	Average
Allina Health - Edina	41	51.2%	36.5%	65.8%	Average
Mayo Clinic Health System Lake City	45	51.1%	37.0%	65.0%	Average
U of Minnesota Health - Fairview Maple Grove Medical Center	47	51.1%	37.2%	64.7%	Average
EH East Superior Clinic	98	51.0%	41.3%	60.7%	Above Average
Allina Health - Centennial Lakes	51	51.0%	37.7%	64.1%	Average
Park Nicollet Clinic - Lakeville	53	50.9%	37.9%	63.9%	Average
Allina Health - Vadnais Heights	53	50.9%	37.9%	63.9%	Average
Allina Health - Lakeville	55	50.9%	38.1%	63.6%	Average
Mankato Clinic - Main Street	132	50.8%	42.3%	59.1%	Above Average
EH East Hermantown Clinic	69	50.7%	39.2%	62.2%	Average
EH East Virginia Clinic	87	50.6%	40.3%	60.8%	Average
Park Nicollet Clinic - Maple Grove	113	50.4%	41.4%	59.5%	Above Average
HealthPartners - Brooklyn Center	115	50.4%	41.4%	59.4%	Above Average
HealthPartners - Riverside	127	50.4%	41.8%	59.0%	Above Average
Affiliated Community Medical Centers- Marshall Clinic	148	50.0%	42.1%	58.0%	Above Average
Mayo Clinic Health System Cannon Falls	54	50.0%	37.1%	62.9%	Average
EH Central Pine River Clinic	48	50.0%	36.4%	63.6%	Average
Allina Health - Cambridge	411	49.6%	44.8%	54.5%	Above Average
HealthPartners - Apple Valley	113	49.6%	40.5%	58.6%	Above Average
Allina Health - Bloomington	128	49.2%	40.7%	57.8%	Above Average
HealthPartners - St Paul	299	49.2%	43.5%	54.8%	Above Average
HealthPartners - Hlth Ctr for Women	55	49.1%	36.4%	61.9%	Average
Allina Health - Burnsville	55	49.1%	36.4%	61.9%	Average
EH East International Falls Clinic	53	49.1%	36.1%	62.1%	Average
Park Nicollet Clinic - Burnsville	221	48.9%	42.4%	55.4%	Above Average
Mayo Clinic Health System Red Wing	147	48.3%	40.4%	56.3%	Average
Affiliated Community Medical Centers - Willmar Clinic	276	48.2%	42.4%	54.1%	Above Average
EH East Duluth Clinic 1st St	173	48.0%	40.7%	55.4%	Above Average
Park Nicollet Clinic - Rogers	46	47.8%	34.1%	61.9%	Average
Park Nicollet Clinic - Creekside	44	47.7%	33.8%	62.1%	Average
Mayo Clinic Health System Albert Lea	174	47.7%	40.4%	55.1%	Average
North Memorial Clinic - Northeast Family Physicians	65	47.7%	36.0%	59.6%	Average
CentraCare Health Plaza-Family Medicine	105	47.6%	38.3%	57.1%	Average
Allina Health - Champlin	114	47.4%	38.4%	56.5%	Average
HealthPartners - Inver Grove Heights	89	47.2%	37.2%	57.5%	Average
Lakewood Health System - Motley Clinic	32	46.9%	30.9%	63.6%	Average
Fairview Oxboro Clinic	92	46.7%	36.9%	56.9%	Average
Sanford East Grand Forks Clinic	30	46.7%	30.2%	63.9%	Average
Mayo Clinic - Northeast	45	46.7%	32.9%	60.9%	Average
CentraCare Clinic- Big Lake	43	46.5%	32.5%	61.1%	Average
Allina Health - Woodbury	196	46.4%	39.6%	53.4%	Average
Allina Health - Bandana Square	302	46.0%	40.5%	51.7%	Above Average
Lakewood Health System - Pillager Clinic	50	46.0%	33.0%	59.6%	Average
Allina Health - United Medical Specialties	48	45.8%	32.6%	59.7%	Average
EH Central Baxter Clinic	120	45.8%	37.2%	54.7%	Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	156	45.5%	37.9%	53.3%	Average
North Memorial Clinic - Plymouth City Center	33	45.5%	29.8%	62.0%	Average
EH East Spooner Clinic	42	45.2%	31.2%	60.1%	Average
Sanford Fargo Southpointe Clinic - Family Medicine	51	45.1%	32.3%	58.6%	Average
Entira Family Clinics - Woodbury	58	44.8%	32.8%	57.6%	Average
Mayo Clinic Health System Mankato Northridge	67	44.8%	33.5%	56.6%	Average

Table 23.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
EH East Lakewalk Clinic	70	44.3%	33.3%	55.9%	Average
EH West Fosston Clinic	43	44.2%	30.4%	58.9%	Average
EH East Hibbing Clinic	43	44.2%	30.4%	58.9%	Average
CentraCare Health- Family Health Center	102	44.1%	34.9%	53.8%	Average
North Memorial Clinic - Elk River Physicians	41	43.9%	29.9%	59.0%	Average
EH East Northern Pines Clinic	32	43.8%	28.2%	60.7%	Average
Entira Family Clinics - Inver Grove Heights	37	43.2%	28.7%	59.1%	Average
St. Croix Regional Medical Center - Unity Clinic	37	43.2%	28.7%	59.1%	Average
Stillwater Medical Group - Curve Crest Clinic	181	43.1%	36.1%	50.4%	Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	35	42.9%	28.0%	59.1%	Average
EH East West Duluth Clinic	117	42.7%	34.1%	51.8%	Average
Sanford Aberdeen Clinic	38	42.1%	27.9%	57.8%	Average
North Memorial Clinic - Arbor Lakes	31	41.9%	26.4%	59.2%	Average
HealthPartners - West	60	41.7%	30.1%	54.3%	Average
North Memorial Clinic - New Hope	39	41.0%	27.1%	56.6%	Average
EH Central Brainerd Clinic	132	40.9%	32.9%	49.4%	Average
Native American Community Clinic	142	40.9%	33.1%	49.1%	Average
Mayo Clinic Health System Owatonna	251	40.6%	34.8%	46.8%	Average
Perham Health Clinic	32	40.6%	25.5%	57.7%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	121	40.5%	32.2%	49.4%	Average
HealthPartners - Ctr for Internatl Hlth	30	40.0%	24.6%	57.7%	Average
Sanford Thief River Falls Clinic	50	40.0%	27.6%	53.8%	Average
EH West Moorhead	50	40.0%	27.6%	53.8%	Average
EH East Lakeside Clinic	55	40.0%	28.1%	53.2%	Average
EH East Ashland Clinic	61	39.3%	28.1%	51.9%	Average
U of M Physicians - Phalen Village Family Medicine Clinic	107	39.3%	30.5%	48.7%	Average
Park Nicollet Clinic - Brookdale	264	39.0%	33.3%	45.0%	Average
Allina Health - East Lake Street	139	38.9%	31.2%	47.2%	Average
EH West Detroit Lakes Clinic	99	38.4%	29.4%	48.2%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	60	38.3%	27.1%	51.0%	Average
Allina Health Specialties - United Lung and Sleep Clinic	81	38.3%	28.5%	49.2%	Average
Riverwood Aitkin Clinic	68	38.2%	27.6%	50.1%	Average
Grand Itasca Clinic	424	38.0%	33.5%	42.7%	Average
Park Nicollet Clinic - Plymouth	95	37.9%	28.8%	47.9%	Average
Entira Family Clinics - Maplewood/Battle Creek	37	37.8%	24.1%	53.9%	Average
Allina Health - Isles	56	37.5%	26.0%	50.6%	Average
FirstLight Health System - Pine City	80	37.5%	27.7%	48.5%	Average
HealthPartners - Woodbury	212	37.3%	31.0%	44.0%	Average
Mayo Clinic Health System Waseca	54	37.0%	25.4%	50.4%	Average
Sanford Bemidji Main Clinic - Family Medicine	76	36.8%	26.9%	48.1%	Average
Sanford Health Detroit Lakes Clinic	38	36.8%	23.4%	52.7%	Average
HealthPartners - Highland Park	30	36.7%	21.9%	54.5%	Average
Affiliated Community Medical Centers - New London Clinic	30	36.7%	21.9%	54.5%	Average
Sanford Sioux Falls Pulmonary Medicine	41	36.6%	23.6%	51.9%	Average
Allina Health - Nicollet Mall	77	36.4%	26.5%	47.5%	Average
Allina Health - Edina Family Physicians	50	36.0%	24.1%	49.9%	Average
EH West South University Clinic	42	35.7%	23.0%	50.8%	Average
HealthPartners - Como	132	35.6%	28.0%	44.1%	Average
■Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	31	35.5%	21.1%	53.1%	Average
RR Health Services dba Fairview Mesaba Clinic - Hibbing	122	35.3%	27.3%	44.1%	Average
EH West Park Rapids Clinic	128	35.2%	27.4%	43.8%	Average
Southside Medical Clinic	57	35.1%	24.0%	48.1%	Average
■Park Nicollet Clinic - Asthma and Allergy	43	34.9%	22.4%	49.8%	Average
Mayo Clinic Health System Mankato Eastridge	204	34.8%	28.6%	41.6%	Average

Table 23.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
HealthPartners - Anoka	144	34.7%	27.4%	42.8%	Average
Park Nicollet Clinic - Minneapolis	312	34.6%	29.6%	40.1%	Below Average
Park Nicollet Clinic - Chanhassen	107	34.6%	26.2%	44.0%	Average
HealthPartners - Midway	162	34.6%	27.7%	42.2%	Average
HealthPartners - University Ave	70	34.3%	24.3%	46.0%	Average
St Luke's Clinics-Chequamegon Clinic	38	34.2%	21.2%	50.1%	Average
Olmsted Medical Center - Rochester Southeast	202	33.7%	27.5%	40.4%	Below Average
HCMC Clinics - Golden Valley Clinic	104	33.7%	25.3%	43.2%	Average
U of Minnesota Physicians - Bethesda Family Medicine Clinic	242	33.5%	27.8%	39.6%	Below Average
Park Nicollet Clinic - Wayzata	39	33.3%	20.6%	49.0%	Average
University of Minnesota Health - Smiley's Family Medicine Clinic	221	33.0%	27.2%	39.5%	Below Average
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	49	32.7%	21.2%	46.6%	Average
Scenic Rivers Health Services - Bigfork/Big Falls	40	32.5%	20.1%	48.0%	Average
HealthEast Woodbury Clinic	37	32.4%	19.6%	48.5%	Average
HealthPartners - Bloomington	72	31.9%	22.3%	43.4%	Average
HCMC Clinics - Richfield Clinic	135	31.9%	24.6%	40.1%	Below Average
Mayo Clinic - Baldwin Building, Family Medicine	44	31.8%	20.0%	46.6%	Average
Mayo Clinic - Speciality Practice	32	31.3%	18.0%	48.6%	Average
Sanford Health Wahpeton Clinic	45	31.1%	19.5%	45.7%	Average
Entira Family Clinics - West St. Paul	39	30.8%	18.6%	46.4%	Average
Sanford Health Jamestown Clinic	33	30.3%	17.4%	47.3%	Average
HCMC Clinics - St. Anthony Village Clinic	50	30.0%	19.1%	43.8%	Average
Riverwood McGregor Clinic	58	29.3%	19.2%	42.0%	Average
HealthEast Oakdale	60	28.3%	18.5%	40.8%	Average
Tri-County Health Care - Wadena Clinic	114	28.1%	20.6%	36.9%	Below Average
Cedar Riverside People's Center - People's Center Medical Clinic	145	27.6%	21.0%	35.4%	Below Average
St Luke's Clinics-P.S. Rudie Medical Clinic	66	27.3%	18.0%	39.0%	Below Average
HealthEast Maplewood Clinic	52	26.9%	16.8%	40.3%	Below Average
HealthEast Roselawn Clinic	108	26.9%	19.4%	35.9%	Below Average
Integracare Ltd dba Williams Clinic	31	25.8%	13.7%	43.3%	Average
HealthPartners - Specialty Center 401	36	25.0%	13.8%	41.1%	Average
Entira Family Clinics - East Side	32	25.0%	13.3%	42.1%	Average
North Memorial Clinic - Camden	128	25.0%	18.3%	33.2%	Below Average
Apple Valley Medical Clinic - Family Practice	57	24.6%	15.2%	37.1%	Below Average
HCMC Clinics - Brooklyn Park Clinic	114	24.6%	17.6%	33.2%	Below Average
Glencoe Regional Health Services - Glencoe	108	24.1%	17.0%	32.9%	Below Average
Mayo Clinic Health System Fairmont	85	23.5%	15.8%	33.6%	Below Average
Lakewood Health System - Staples Clinic	34	23.5%	12.4%	40.0%	Below Average
Sawtooth Mountain Clinic, Inc	34	23.5%	12.4%	40.0%	Below Average
HealthEast Grand Avenue Clinic	73	23.3%	15.1%	34.2%	Below Average
HealthEast Midway Clinic	39	23.1%	12.7%	38.3%	Below Average
University of Minnesota Health - Mill City Clinic	31	22.6%	11.4%	39.8%	Below Average
North Memorial Clinic - St. Anthony	49	22.5%	13.0%	35.9%	Below Average
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	356	22.2%	18.2%	26.8%	Below Average
North Memorial Clinic - Brooklyn Center Physicians	67	20.9%	12.9%	32.1%	Below Average
Open Cities Health Center (Northend)- Family Medicine	67	20.9%	12.9%	32.1%	Below Average
HCMC Clinics - Brooklyn Center Clinic	63	20.6%	12.5%	32.2%	Below Average
HealthEast Tamarack Clinic Woodbury	34	20.6%	10.4%	36.8%	Below Average
Sanford Health Alexandria Broadway Clinic	73	20.6%	12.9%	31.2%	Below Average
Northwest Family Physicians - Crystal	122	20.5%	14.3%	28.5%	Below Average
Stellis Health-Monticello Clinic	103	20.4%	13.7%	29.2%	Below Average
HealthEast Cottage Grove Clinic	54	20.4%	11.8%	32.9%	Below Average
HealthEast Rice Street Clinic	125	20.0%	13.9%	27.9%	Below Average
HCMC Clinics - Coordinated Care Clinic	64	18.8%	11.1%	30.0%	Below Average

Table 23.1: Optimal Asthma Control – Adults Ages 18-50 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
Neighborhood HealthSource - Fremont Clinic	75	18.7%	11.5%	28.9%	Below Average
Boynton Health Service	49	18.4%	10.0%	31.4%	Below Average
University of M Health - Center for Lung Science and Health	51	17.7%	9.6%	30.3%	Below Average
Community-University Health Care Center	119	17.7%	11.8%	25.5%	Below Average
RiverView Clinic	46	17.4%	9.1%	30.7%	Below Average
HCMC Clinics - Internal Medicine Clinic at Parkside	141	16.3%	11.1%	23.3%	Below Average
Open Cities Health (Dunlap) - Family Medicine	70	15.7%	9.0%	26.0%	Below Average
HealthEast Vadnais Heights Clinic	32	15.6%	6.9%	31.8%	Below Average
Ridgeview Westonka Clinic	39	15.4%	7.3%	29.7%	Below Average
Duluth Family Medicine Clinic	133	14.3%	9.3%	21.2%	Below Average
Centracare Clinic-SCMG Northwest	99	14.1%	8.6%	22.4%	Below Average
NorthPoint Health & Wellness Center	255	14.1%	10.4%	18.9%	Below Average
Affiliated Community Medical Centers - Granite Falls Clinic	45	13.3%	6.3%	26.2%	Below Average
Centracare Clinic-SCMG St. Cloud Medical Group South	53	13.2%	6.6%	24.8%	Below Average
United Family Medicine	145	12.4%	8.0%	18.8%	Below Average
West Side Community Health Services - La Clinica	67	11.9%	6.2%	21.8%	Below Average
HCMC Clinics - Downtown Medicine Clinic	506	11.9%	9.3%	15.0%	Below Average
Neighborhood HealthSource - Sheridan Clinic	34	11.8%	4.7%	26.6%	Below Average
Stellis Health-Buffalo Clinic	104	11.5%	6.7%	19.1%	Below Average
Indian Health Board of Minneapolis	71	11.3%	5.8%	20.7%	Below Average
Gateway Family Health Clinic - Moose Lake	57	10.5%	4.9%	21.1%	Below Average
Lake Superior Community Health Center - Duluth	48	10.4%	4.5%	22.2%	Below Average
West Side Community Health Services - East Side Family Clinic	169	10.1%	6.4%	15.5%	Below Average
Neighborhood HealthSource-Central Clinic	53	9.4%	4.1%	20.3%	Below Average
St Luke's Clinics-Mount Royal	50	8.0%	3.2%	18.8%	Below Average
University of M Physicians - Broadway Family Medicine Clinic	428	7.2%	5.2%	10.1%	Below Average
Gateway Family Health Clinic - Sandstone	31	6.5%	1.8%	20.7%	Below Average
HCMC Clinics - Positive Care Clinic	64	6.3%	2.5%	15.0%	Below Average
Hutchinson Health - Hutchinson Clinic	218	5.5%	3.2%	9.4%	Below Average
Cuyuna Regional Medical Center-Clinic Services	128	5.5%	2.7%	10.9%	Below Average
Avera Medical Group - Worthington	42	4.8%	1.3%	15.8%	Below Average
St Luke's Clinics-Laurentian	64	4.7%	1.6%	12.9%	Below Average
St Luke's Clinics-Hibbing Family Medical Clinic	57	3.5%	1.0%	11.9%	Below Average
Winona Health - Winona Clinic	171	2.9%	1.3%	6.7%	Below Average
Cuyuna Regional Medical Center - Baxter	36	2.8%	0.5%	14.2%	Below Average
Mille Lacs Health System - Onamia	36	2.8%	0.5%	14.2%	Below Average
St Luke's Clinics-Denfeld	79	2.5%	0.7%	8.8%	Below Average
Raiter Clinic	85	1.2%	0.2%	6.4%	Below Average
University of Minnesota Health - Primary Care Center	100	1.0%	0.2%	5.5%	Below Average
North Clinic - Maple Grove Office	68	0.0%	0.0%	5.4%	Below Average
North Clinic - Osseo Office	46	0.0%	0.0%	7.7%	Below Average
North Clinic - Plymouth	61	0.0%	0.0%	5.9%	Below Average
Altru Health System - Main	40	0.0%	0.0%	8.8%	Below Average
Altru Health System - Crookston	34	0.0%	0.0%	10.2%	Below Average
Altru Health System - Roseau	34	0.0%	0.0%	10.2%	Below Average
Altru Health System - Lake Region	64	0.0%	0.0%	5.7%	Below Average
Altru Health System - Family Medicine Center	61	0.0%	0.0%	5.9%	Below Average
Altru Health System - Grand Forks Family Medicine Residency	54	0.0%	0.0%	6.6%	Below Average
St Luke's Clinics-Internal Medicine Associates	35	0.0%	0.0%	9.9%	Below Average
Family Medical Center	49	0.0%	0.0%	7.3%	Below Average
Glenwood Medical Center	36	0.0%	0.0%	9.6%	Below Average
Lake View Clinic - Two Harbors	53	0.0%	0.0%	6.8%	Below Average
AXIS Medical Center	32	0.0%	0.0%	10.7%	Below Average

Table 23.2: Optimal Asthma Control – Adults Ages 18-50 by Medical Group

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

Medical Group Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
#South Lake Pediatrics	32	81.3%	64.7%	91.1%	Above Average
HealthPartners Central Minnesota Clinics	206	68.9%	62.3%	74.9%	Above Average
Fairview Health Services	2,098	61.9%	59.8%	63.9%	Above Average
#Children's Respiratory & Critical Care Specialists	50	56.0%	42.3%	68.8%	Above Average
Mankato Clinic, Ltd.	353	55.5%	50.3%	60.6%	Above Average
Allina Health Clinics	5,469	54.3%	53.0%	55.6%	Above Average
■Allergy, Asthma & Immunology Clinic	37	54.1%	38.4%	69.0%	Average
Park Nicollet Health Services	2,503	49.8%	47.8%	51.7%	Above Average
Sanford Health - Sioux Falls Region	463	49.5%	44.9%	54.0%	Above Average
FirstLight Health System	280	48.9%	43.1%	54.8%	Above Average
HealthPartners Clinics	2,683	48.1%	46.2%	50.0%	Above Average
Affiliated Community Medical Centers	679	47.0%	43.3%	50.7%	Above Average
Entira Family Clinics (formerly Family Health Services MN)	430	46.7%	42.1%	51.5%	Above Average
CentraCare Health	755	45.7%	42.2%	49.3%	Above Average
Mayo Clinic Health System	1,739	45.0%	42.7%	47.4%	Above Average
St. Croix Regional Medical Center	257	44.8%	38.8%	50.9%	Average
Essentia Health	2,042	44.2%	42.1%	46.4%	Above Average
Stillwater Medical Group	231	44.2%	37.9%	50.6%	Average
Allina Health Specialties	315	43.2%	37.8%	48.7%	Average
Lake Region Healthcare	157	42.7%	35.2%	50.5%	Average
Olmsted Medical Center	383	41.3%	36.4%	46.3%	Average
Native American Community Clinic	142	40.9%	33.1%	49.1%	Average
■Allergy & Asthma Specialists, PA	64	40.6%	29.5%	52.9%	Average
Mayo Clinic	254	40.6%	34.7%	46.7%	Average
Lakewood Health System	140	40.0%	32.3%	48.3%	Average
Sanford Health - Fargo Region	812	38.8%	35.5%	42.2%	Average
Grand Itasca Clinic	424	38.0%	33.5%	42.7%	Average
North Memorial	658	37.5%	33.9%	41.3%	Average
Southside Community Health Services	57	35.1%	24.0%	48.1%	Average
Fairview Mesaba Clinics	181	33.7%	27.2%	40.9%	Average
Riverwood Healthcare Center	131	33.6%	26.1%	42.0%	Average
Tri-County Health Care	163	28.2%	21.9%	35.6%	Below Average
Cedar Riverside People's Center	146	27.4%	20.8%	35.1%	Below Average
Glencoe Regional Health Services	114	26.3%	19.1%	35.1%	Below Average
Williams Integracare Clinic	31	25.8%	13.7%	43.3%	Average
HealthEast Clinics	713	24.8%	21.8%	28.1%	Below Average

Table 23.2: Optimal Asthma Control – Adults Ages 18-50 by Medical Group

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

Medical Group Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	33,142	40.5%	40.0%	41.0%	
Apple Valley Medical Clinic	57	24.6%	15.2%	37.1%	Below Average
Sawtooth Mountain Clinic	34	23.5%	12.4%	40.0%	Below Average
Hennepin County Medical Center (HCMC) Clinics	1,821	23.3%	21.5%	25.3%	Below Average
Northwest Family Physicians	145	22.8%	16.7%	30.2%	Below Average
University of Minnesota Physicians	1,253	21.5%	19.3%	23.8%	Below Average
Open Cities Health Center	137	18.3%	12.7%	25.6%	Below Average
Scenic Rivers Health Services	79	17.7%	10.9%	27.6%	Below Average
Community University Health Care Center	119	17.7%	11.8%	25.5%	Below Average
RiverView Health	46	17.4%	9.1%	30.7%	Below Average
Lake Superior Community Health Center	69	17.4%	10.2%	28.0%	Below Average
Boynton Health Service	52	17.3%	9.4%	29.7%	Below Average
Stellis Health, PA	227	15.4%	11.3%	20.7%	Below Average
Ridgeview Clinics	140	15.0%	10.0%	21.8%	Below Average
Duluth Family Medicine Clinic	133	14.3%	9.3%	21.2%	Below Average
Neighborhood Healthsource	162	14.2%	9.7%	20.4%	Below Average
NorthPoint Health & Wellness Center	255	14.1%	10.4%	18.9%	Below Average
United Family Medicine	151	13.3%	8.7%	19.6%	Below Average
St. Luke's Clinics	482	12.2%	9.6%	15.5%	Below Average
Sibley Medical Center DBA Ridgeview Sibley Medical Center	33	12.1%	4.8%	27.3%	Below Average
West Side Community Health Services	257	11.7%	8.3%	16.2%	Below Average
Indian Health Board of Minneapolis	71	11.3%	5.8%	20.7%	Below Average
Northfield Hospital + Clinics	39	7.7%	2.7%	20.3%	Below Average
Gateway Family Health Clinic	104	7.7%	4.0%	14.5%	Below Average
Avera Medical Group	113	7.1%	3.6%	13.4%	Below Average
Hutchinson Health	237	5.9%	3.6%	9.7%	Below Average
Cuyuna Regional Medical Center	168	4.8%	2.4%	9.1%	Below Average
Winona Health Services	179	2.8%	1.2%	6.4%	Below Average
Mille Lacs Health System	73	2.7%	0.8%	9.5%	Below Average
Raiter Clinic, LTD - IHN	85	1.2%	0.2%	6.4%	Below Average
North Clinic	180	0.0%	0.0%	2.1%	Below Average
Altru Health System	349	0.0%	0.0%	1.1%	Below Average
Unity Family Healthcare, Family Medical Center	55	0.0%	0.0%	6.5%	Below Average
Glenwood Medical Center	39	0.0%	0.0%	9.0%	Below Average
Lake View Clinic - Two Harbors	53	0.0%	0.0%	6.8%	Below Average
Axis Medical Center	32	0.0%	0.0%	10.7%	Below Average

Table 24.1: Optimal Vascular Care by Clinic

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

Clinic Name (+ = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	18,307	45.1%	44.4%	45.8%	
Fairview Crosstown Clinic	48	77.1%	63.5%	86.7%	Above Average
Entira Family Clinics - East Side	37	73.0%	57.0%	84.6%	Above Average
Sanford Health Vermillion Clinic	30	70.0%	52.1%	83.3%	Above Average
Fairview Eagan Clinic	33	69.7%	52.7%	82.6%	Above Average
Fairview Oxboro Clinic	58	69.0%	56.2%	79.4%	Above Average
HealthPartners - Ctr for Internatl Hlth	39	66.7%	51.0%	79.4%	Above Average
+ U of M Heart Care at Fairview Ridges Specialty Care Center	100	66.0%	56.3%	74.5%	Above Average
CentraCare Health Plaza-Family Medicine	35	65.7%	49.2%	79.2%	Above Average
Fairview Fridley Clinic	43	65.1%	50.2%	77.6%	Above Average
HealthPartners - Como	31	64.5%	47.0%	78.9%	Above Average
Fairview Brooklyn Park Clinic	44	63.6%	48.9%	76.2%	Above Average
+ University of Minnesota Heart Care at Fairview Southdale Hospital	275	62.2%	56.3%	67.7%	Above Average
Fairview Burnsville Clinic	61	60.7%	48.1%	71.9%	Above Average
Fairview New Brighton Clinic	40	60.0%	44.6%	73.7%	Average
Fairview Bloomington Lake Minneapolis	30	60.0%	42.3%	75.4%	Average
U of M Health - Fairview Maple Grove Medical Center	37	59.5%	43.5%	73.7%	Average
HealthEast Rice Street Clinic	124	58.1%	49.3%	66.4%	Above Average
+ U of M Health Heart Care at U of Minnesota Medical Center	69	58.0%	46.2%	68.9%	Above Average
Fairview Lakes Medical Center	57	57.9%	45.0%	69.8%	Average
Allina Health - Chanhassen	38	57.9%	42.2%	72.2%	Average
Allina Health - Shoreview	30	56.7%	39.2%	72.6%	Average
Park Nicollet Clinic - Burnsville	46	56.5%	42.3%	69.8%	Average
Fairview Apple Valley Clinic	39	56.4%	41.0%	70.7%	Average
Allina Health - Woodbury	48	56.3%	42.3%	69.3%	Average
+ North Memorial - Maple Grove Clinic - Heart and Vascular Insitute	43	55.8%	41.1%	69.6%	Average
Allina Health - Inver Grove Heights	36	55.6%	39.6%	70.5%	Average
Allina Health - Maplewood	74	55.4%	44.1%	66.2%	Average
Allina Health - Nicollet Mall	56	55.4%	42.4%	67.6%	Average
Allina Health - Forest Lake	38	55.3%	39.7%	69.9%	Average
HealthPartners - Maplewood	51	54.9%	41.4%	67.7%	Average
HealthPartners - Woodbury	46	54.4%	40.2%	67.9%	Average
+ Sanford Sioux Falls Cardiovascular Institute	127	54.3%	45.7%	62.7%	Above Average
+ Allina Health Specialties - United Heart and Vascular Clinic	461	54.2%	49.7%	58.7%	Above Average
Allina Health Specialties - Courage Kenny Rehab - Golden Valley	37	54.1%	38.4%	69.0%	Average
Allina Health - Plymouth	74	54.1%	42.8%	64.9%	Average
Park Nicollet Clinic - Shakopee	39	53.9%	38.6%	68.4%	Average
Altru Health System - Main	86	53.5%	43.0%	63.7%	Average
HealthPartners - Regions Specialty Ctr	107	53.3%	43.9%	62.5%	Average
+ Allina Health Spec. - Metro Heart & Vascular Inst. - Coon Rapids	575	53.2%	49.1%	57.3%	Above Average
Mayo Clinic Health System Waseca	34	52.9%	36.7%	68.6%	Average
Allina Health - Champlin	34	52.9%	36.7%	68.6%	Average
Park Nicollet Clinic - St. Louis Park Internal Medicine	57	52.6%	39.9%	65.0%	Average
Allina Health - Eagan	38	52.6%	37.3%	67.5%	Average
Allina Health - Coon Rapids	255	52.6%	46.4%	58.6%	Above Average
EH Central Baxter Clinic	42	52.4%	37.7%	66.6%	Average
Allina Health - Shakopee	46	52.2%	38.1%	65.9%	Average
+ Allina Health Specialties - Minneapolis Heart Institute - ANW	534	51.9%	47.6%	56.1%	Above Average
Allina Health - Blaine	31	51.6%	34.8%	68.0%	Average
Fairview Hiawatha Clinic	33	51.5%	35.2%	67.5%	Average
Avera Medical Group - Marshall	35	51.4%	35.6%	67.0%	Average
HealthEast Roselawn Clinic	83	50.6%	40.1%	61.1%	Average
+ CentraCare River Campus-CentraCare Heart & Vascular Center	84	50.0%	39.5%	60.5%	Average
CentraCare Health- Family Health Center	40	50.0%	35.2%	64.8%	Average
Mayo Clinic Health System Mankato Northridge	34	50.0%	34.1%	65.9%	Average

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

Table 24.1: Optimal Vascular Care by Clinic

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

Clinic Name (+ = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	18,307	45.1%	44.4%	45.8%	
Mayo Clinic - Speciality Practice	86	50.0%	39.7%	60.3%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	50	50.0%	36.6%	63.4%	Average
EH East Northern Pines Clinic	36	50.0%	34.5%	65.5%	Average
EH East Virginia Clinic	102	50.0%	40.5%	59.5%	Average
Mille Lacs Health System - Onamia	87	49.4%	39.2%	59.7%	Average
+ HealthEast Heart Care-St. Joseph's Hospital	92	48.9%	39.0%	59.0%	Average
Sanford Bemidji Main Clinic - Specialty Clinics	180	48.9%	41.7%	56.1%	Average
HealthEast Grand Avenue Clinic	41	48.8%	34.3%	63.5%	Average
Allina Health - Bloomington	41	48.8%	34.3%	63.5%	Average
HealthPartners - Coon Rapids	39	48.7%	33.9%	63.8%	Average
Allina Health - Buffalo	76	48.7%	37.8%	59.7%	Average
Lakewood Health System - Pillager Clinic	33	48.5%	32.5%	64.8%	Average
Allina Health - Faribault	81	48.2%	37.6%	58.9%	Average
Fairview Princeton Clinic	69	47.8%	36.5%	59.4%	Average
HealthEast Downtown St. Paul Clinic	42	47.6%	33.4%	62.3%	Average
CentraCare River Campus-Internal Medicine	42	47.6%	33.4%	62.3%	Average
St Luke's Clinics-Internal Medicine Associates	61	47.5%	35.5%	59.8%	Average
+ Sanford Fargo Heart Center	78	47.4%	36.7%	58.4%	Average
North Memorial Clinic - Brooklyn Park Physicians	36	47.2%	32.0%	63.0%	Average
Park Nicollet Clinic - Brookdale	70	47.1%	35.9%	58.7%	Average
Mayo Clinic Health System St. Peter	34	47.1%	31.5%	63.3%	Average
Allina Health - Ramsey	51	47.1%	34.1%	60.5%	Average
Mayo Clinic Health System Mankato Eastridge	101	46.5%	37.1%	56.2%	Average
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	101	46.5%	37.1%	56.2%	Average
Mayo Clinic Health System Owatonna	121	46.3%	37.7%	55.1%	Average
Mankato Clinic - Main Street	78	46.2%	35.5%	57.1%	Average
Alexandria Clinic, A Service of Douglas County Hospital	52	46.2%	33.3%	59.5%	Average
HCMC Clinics - Brooklyn Center Clinic	39	46.2%	31.6%	61.4%	Average
Affiliated Community Medical Centers- Marshall Clinic	37	46.0%	31.0%	61.6%	Average
Allina Health - Elk River	35	45.7%	30.5%	61.8%	Average
Allina Health - Bandana Square	81	45.7%	35.3%	56.5%	Average
Fairview Columbia Heights Clinic	46	45.7%	32.2%	59.8%	Average
North Memorial Clinic - Plymouth City Center	33	45.5%	29.8%	62.0%	Average
U of Minnesota Physicians - Phalen Village Family Medicine Clinic	66	45.5%	34.0%	57.4%	Average
Mayo Clinic Health System Mankato Specialty Clinic	106	45.3%	36.1%	54.8%	Average
Mayo Clinic Health System Fairmont	82	45.1%	34.8%	55.9%	Average
+ HealthEast Heart Care-St. John's Hospital Campus	71	45.1%	34.1%	56.6%	Average
University of Minnesota Health - Primary Care Center	91	45.1%	35.2%	55.3%	Average
EH East Duluth Clinic Main	129	45.0%	36.7%	53.6%	Average
Allina Health - West St. Paul	58	44.8%	32.8%	57.6%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	67	44.8%	33.5%	56.6%	Average
HealthEast Maplewood Clinic	38	44.7%	30.2%	60.3%	Average
Hutchinson Health - Hutchinson Clinic	76	44.7%	34.1%	55.9%	Average
Allina Health - Cottage Grove	54	44.4%	32.0%	57.6%	Average
Allina Health - Richfield	70	44.3%	33.3%	55.9%	Average
HealthPartners Central Minnesota Clinics	43	44.2%	30.4%	58.9%	Average
Sanford Chamberlain Clinic	34	44.1%	28.9%	60.6%	Average
EH West Fosston Clinic	34	44.1%	28.9%	60.6%	Average
EH Central Brainerd Clinic	132	43.9%	35.8%	52.5%	Average
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	41	43.9%	29.9%	59.0%	Average
HealthEast Oakdale	32	43.8%	28.2%	60.7%	Average
Tri-County Health Care - Wadena Clinic	53	43.4%	31.0%	56.7%	Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	30	43.3%	27.4%	60.8%	Average
HealthPartners - University Ave	63	42.9%	31.4%	55.1%	Average

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

Table 24.1: Optimal Vascular Care by Clinic

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

Clinic Name (+ = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	18,307	45.1%	44.4%	45.8%	
Range Regional Hlth Srvcs dba Fairview Mesaba Clinic - Hibbing	35	42.9%	28.0%	59.1%	Average
Allina Health - Fridley	56	42.9%	30.8%	55.9%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	77	42.9%	32.4%	54.0%	Average
FirstLight Health System - Mora	75	42.7%	32.1%	54.0%	Average
Allina Health - Northfield	54	42.6%	30.3%	55.8%	Average
Sanford Health Alexandria Broadway Clinic	33	42.4%	27.2%	59.2%	Average
Stellis Health-Monticello Clinic	33	42.4%	27.2%	59.2%	Average
+ HCMC Clinics - Hennepin Heart Center	111	42.3%	33.6%	51.6%	Average
North Memorial Clinic - Brooklyn Center Physicians	45	42.2%	29.0%	56.7%	Average
Allina Health Specialties - New Ulm Medical Center	90	42.2%	32.5%	52.5%	Average
Mille Lacs Health System - Isle	50	42.0%	29.4%	55.8%	Average
Family Medical Center	62	41.9%	30.5%	54.3%	Average
EH East Ely Clinic	43	41.9%	28.4%	56.7%	Average
EH East West Duluth Clinic	96	41.7%	32.3%	51.7%	Average
West Side Community Health Services - La Clinica	41	41.5%	27.8%	56.6%	Average
Park Nicollet Clinic - Minneapolis	51	41.2%	28.8%	54.8%	Average
Allina Health Specialties - ANGMA - Edina	34	41.2%	26.4%	57.8%	Average
North Memorial Clinic - Maple Grove	39	41.0%	27.1%	56.6%	Average
Cuyuna Regional Medical Center-Clinic Services	93	40.9%	31.4%	51.0%	Average
Allina Health - United Medical Specialties	42	40.5%	27.0%	55.5%	Average
EH East Hermantown Clinic	57	40.4%	28.6%	53.3%	Average
+ North Memorial Heart and Vascular Institute	124	40.3%	32.1%	49.1%	Average
Allina Health - First Street	62	40.3%	29.0%	52.8%	Average
Stillwater Medical Group - Curve Crest Clinic	45	40.0%	27.0%	54.6%	Average
Affiliated Community Medical Centers - Willmar Clinic	93	39.8%	30.4%	50.0%	Average
Mayo Clinic Health System Albert Lea	141	39.7%	32.0%	48.0%	Average
Sanford Health Detroit Lakes Clinic	48	39.6%	27.0%	53.7%	Average
Allina Health - Cambridge	166	39.2%	32.1%	46.8%	Average
St Luke's Clinics-Hibbing Family Medical Clinic	36	38.9%	24.8%	55.1%	Average
EH East Duluth Clinic 1st St	165	38.8%	31.7%	46.4%	Average
Allina Health - East Lake Street	49	38.8%	26.4%	52.8%	Average
EH West Detroit Lakes Clinic	98	38.8%	29.7%	48.7%	Average
+ St Luke's Clinics-Cardiology Associates	75	38.7%	28.5%	50.0%	Average
North Memorial Clinic - Camden	44	38.6%	25.7%	53.4%	Average
EH East Deer River Clinic	44	38.6%	25.7%	53.4%	Average
Mayo Clinic Health System Austin	145	38.6%	31.1%	46.7%	Average
EH West Park Rapids Clinic	65	38.5%	27.6%	50.6%	Average
Riverwood Aitkin Clinic	47	38.3%	25.8%	52.6%	Average
Stellis Health-Buffalo Clinic	42	38.1%	25.0%	53.2%	Average
HealthPartners - Midway	61	37.7%	26.6%	50.3%	Average
University of M Physicians - Bethesda Family Medicine Clinic	93	37.6%	28.5%	47.8%	Average
Olmsted Medical Center - Rochester Southeast	93	37.6%	28.5%	47.8%	Average
HCMC Clinics - Internal Medicine Clinic at Parkside	75	37.3%	27.3%	48.7%	Average
EH East Hayward Clinic	38	36.8%	23.4%	52.7%	Average
EH East International Falls Clinic	57	36.8%	25.5%	49.8%	Average
Raiter Clinic	41	36.6%	23.6%	51.9%	Average
United Family Medicine	172	36.1%	29.3%	43.5%	Below Average
Mayo Clinic Health System Red Wing	100	36.0%	27.3%	45.8%	Average
CentraCare Clinic - Northway	42	35.7%	23.0%	50.8%	Average
HCMC Clinics - Positive Care Clinic	42	35.7%	23.0%	50.8%	Average
Grand Itasca Clinic	119	35.3%	27.3%	44.2%	Below Average
Northwest Family Physicians - Crystal	40	35.0%	22.1%	50.5%	Average
EH Central Pine River Clinic	40	35.0%	22.1%	50.5%	Average
HealthPartners - St Paul	89	34.8%	25.8%	45.2%	Average

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

Table 24.1: Optimal Vascular Care by Clinic

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

Clinic Name (+ = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	18,307	45.1%	44.4%	45.8%	
University of Minnesota Health - Smiley's Family Medicine Clinic	52	34.6%	23.2%	48.2%	Average
EH East Ashland Clinic	57	33.3%	22.5%	46.3%	Average
HCMC Clinics - Downtown Medicine Clinic	533	32.5%	28.6%	36.6%	Below Average
HealthEast Midway Clinic	34	32.4%	19.1%	49.2%	Average
Cedar Riverside People's Center - People's Center Medical Clinic	53	32.1%	21.1%	45.5%	Average
Glencoe Regional Health Services - Glencoe	47	31.9%	20.4%	46.2%	Average
HCMC Clinics - Whittier Clinic	133	31.6%	24.3%	39.9%	Below Average
HCMC Clinics - Brooklyn Park Clinic	34	29.4%	16.8%	46.2%	Average
West Side Community Health Services - East Side Family Clinic	80	28.8%	20.0%	39.5%	Below Average
EH East Lakeside Clinic	49	28.6%	17.9%	42.4%	Below Average
NorthPoint Health & Wellness Center	102	28.4%	20.6%	37.8%	Below Average
Native American Community Clinic	32	28.1%	15.6%	45.4%	Average
Riverwood McGregor Clinic	43	27.9%	16.8%	42.7%	Below Average
HealthPartners - Anoka	34	26.5%	14.6%	43.1%	Below Average
U of M Physicians - Broadway Family Medicine Clinic	113	25.7%	18.5%	34.4%	Below Average
EH East Superior Clinic	71	25.4%	16.7%	36.6%	Below Average
Duluth Family Medicine Clinic	60	23.3%	14.4%	35.4%	Below Average
Community-University Health Care Center	43	20.9%	11.4%	35.2%	Below Average

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

Table 24.2: 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
Statewide Average	18,307	45.1%	44.4%	45.8%	
Fairview Health Services	984	58.8%	55.7%	61.9%	Above Average
Allina Health Specialties	1,778	52.2%	49.9%	54.5%	Above Average
Mayo Clinic	247	51.4%	45.2%	57.6%	Above Average
University of Minnesota Physicians	914	50.2%	47.0%	53.5%	Above Average
Entira Family Clinics (formerly Family Health Services MN)	170	50.0%	42.6%	57.4%	Average
Fairview Mesaba Clinics	58	50.0%	37.5%	62.5%	Average
HealthEast Clinics	682	48.7%	45.0%	52.4%	Average
Allina Health Clinics	2,178	48.6%	46.5%	50.7%	Above Average
Park Nicollet Health Services	539	48.2%	44.1%	52.5%	Average
Avera Medical Group	85	48.2%	37.9%	58.7%	Average
Sanford Health - Sioux Falls Region	488	48.0%	43.6%	52.4%	Average
Scenic Rivers Health Services	38	47.4%	32.5%	62.7%	Average
CentraCare Health	444	46.4%	41.8%	51.1%	Average
HealthPartners Clinics	821	46.2%	42.8%	49.6%	Average
Mille Lacs Health System	155	45.8%	38.2%	53.7%	Average
Alexandria Clinic	59	45.8%	33.7%	58.3%	Average
Hutchinson Health	82	45.1%	34.8%	55.9%	Average
Lakewood Health System	94	44.7%	35.0%	54.7%	Average
North Memorial	532	44.4%	40.2%	48.6%	Average
HealthPartners Central Minnesota Clinics	43	44.2%	30.4%	58.9%	Average
Altru Health System	200	43.5%	36.8%	50.4%	Average
Mayo Clinic Health System	1,145	43.3%	40.5%	46.2%	Average
Gateway Family Health Clinic	63	42.9%	31.4%	55.1%	Average
Sanford Health - Fargo Region	711	42.2%	38.6%	45.9%	Average
Mankato Clinic, Ltd.	138	42.0%	34.1%	50.4%	Average
FirstLight Health System	100	42.0%	32.8%	51.8%	Average
Ridgeview Clinics	72	41.7%	31.0%	53.2%	Average
Stellis Health, PA	83	41.0%	31.0%	51.7%	Average
St. Luke's Clinics	298	40.9%	35.5%	46.6%	Average
Affiliated Community Medical Centers	211	40.8%	34.4%	47.5%	Average
Essentia Health	1,676	40.4%	38.1%	42.8%	Below Average
Unity Family Healthcare, Family Medical Center	65	40.0%	29.0%	52.1%	Average
St. Croix Regional Medical Center	45	40.0%	27.0%	54.6%	Average
Lake Region Healthcare	93	39.8%	30.4%	50.0%	Average
Tri-County Health Care	69	39.1%	28.5%	50.9%	Average
Cuyuna Regional Medical Center	123	38.2%	30.1%	47.0%	Average
Stillwater Medical Group	58	37.9%	26.6%	50.8%	Average
Olmsted Medical Center	162	37.0%	30.0%	44.7%	Below Average
Raiter Clinic, LTD - IHN	41	36.6%	23.6%	51.9%	Average
United Family Medicine	172	36.1%	29.3%	43.5%	Below Average
Hennepin County Medical Center (HCMC) Clinics	1,135	35.9%	33.1%	38.7%	Below Average
Grand Itasca Clinic	119	35.3%	27.3%	44.2%	Below Average
Riverwood Healthcare Center	106	34.0%	25.7%	43.4%	Below Average
North Clinic	71	33.8%	23.9%	45.4%	Average
Glencoe Regional Health Services	48	33.3%	21.7%	47.5%	Average
Neighborhood Healthsource	52	32.7%	21.5%	46.2%	Average
West Side Community Health Services	139	31.7%	24.5%	39.8%	Below Average
Cedar Riverside People's Center	54	31.5%	20.7%	44.7%	Below Average
Northwest Family Physicians	58	31.0%	20.6%	43.8%	Below Average
NorthPoint Health & Wellness Center	102	28.4%	20.6%	37.8%	Below Average
Native American Community Clinic	32	28.1%	15.6%	45.4%	Average
Duluth Family Medicine Clinic	60	23.3%	14.4%	35.4%	Below Average
Community University Health Care Center	43	20.9%	11.4%	35.2%	Below Average
Open Cities Health Center	30	20.0%	9.5%	37.3%	Below Average

Table 25.1: Optimal Asthma Control – Children Ages 5-17 by Clinic

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
■ Advancements in Allergy and Asthma Care, Ltd.	38	92.1%	79.2%	97.3%	Above Average
Fairview Lino Lakes Clinic	32	84.4%	68.3%	93.1%	Above Average
# South Lake Pediatrics - Eden Prairie	59	81.4%	69.6%	89.3%	Above Average
Lakewood Health System - Staples Clinic	47	80.9%	67.5%	89.6%	Above Average
Fairview Elk River Clinic	75	80.0%	69.6%	87.5%	Above Average
Allina Health - Bloomington	104	79.8%	71.1%	86.4%	Above Average
# South Lake Pediatrics - Minnetonka	43	79.1%	64.8%	88.6%	Above Average
Fairview Lakes Medical Center	66	77.3%	65.8%	85.7%	Above Average
Mankato Clinic - Daniel's Health Center	57	77.2%	64.8%	86.2%	Above Average
CentraCare Clinic - Northway	39	76.9%	61.7%	87.4%	Above Average
# South Lake Pediatrics - Maple Grove	52	76.9%	63.9%	86.3%	Above Average
Park Nicollet Clinic - Bloomington	79	76.0%	65.5%	84.0%	Above Average
# Wayzata Children's Clinic - Minnetonka	33	75.8%	59.0%	87.2%	Above Average
#Sanford Sioux Falls Children's Specialty Clinic	267	75.7%	70.2%	80.4%	Above Average
Affiliated Community Medical Centers- Marshall Clinic	103	74.8%	65.6%	82.2%	Above Average
HealthPartners - White Bear Lake	62	74.2%	62.1%	83.5%	Above Average
Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic	65	73.9%	62.1%	83.0%	Above Average
CentraCare Health Plaza- Pediatrics	644	73.8%	70.2%	77.0%	Above Average
HealthPartners Central Minnesota Clinics	182	73.6%	66.8%	79.5%	Above Average
Sanford Fargo Southpointe Clinic - Specialty Clinics	102	73.5%	64.2%	81.1%	Above Average
Mayo Clinic Health System Austin	221	72.9%	66.6%	78.3%	Above Average
Fairview Milaca Clinic	32	71.9%	54.6%	84.4%	Above Average
# Central Pediatrics Woodbury	93	71.0%	61.1%	79.2%	Above Average
■ Allergy, Asthma & Immunology - Shoreview	58	70.7%	58.0%	80.8%	Above Average
# Fairview Children's Clinic	204	70.6%	64.0%	76.4%	Above Average
Allina Health - Buffalo	102	70.6%	61.1%	78.6%	Above Average
#Sanford Moorhead Clinic - Pediatrics	64	70.3%	58.2%	80.1%	Above Average
Fairview Andover Clinic	37	70.3%	54.2%	82.5%	Above Average
Affiliated Community Medical Centers - Redwood Falls Clinic	37	70.3%	54.2%	82.5%	Above Average
Allina Health - Forest Lake	74	70.3%	59.1%	79.5%	Above Average
Park Nicollet Clinic - Burnsville	232	70.3%	64.1%	75.8%	Above Average
Fairview Rosemount Clinic	47	70.2%	56.0%	81.4%	Above Average
#Sanford Sioux Falls Children's Clinic 69th & Louise Clinic	30	70.0%	52.1%	83.3%	Above Average
HCMC Clinics - East Lake Clinic	46	69.6%	55.2%	80.9%	Above Average
Fairview Oxboro Clinic	197	69.0%	62.3%	75.1%	Above Average
#Sanford Fargo Children's Southwest Clinic	74	68.9%	57.7%	78.3%	Above Average
HCMC Clinics - Downtown Pediatric Clinic	738	68.8%	65.4%	72.1%	Above Average
Sanford Worthington Clinic	48	68.8%	54.7%	80.1%	Above Average
Mayo Clinic Health System Faribault Campus Location	44	68.2%	53.4%	80.0%	Above Average
Allina Health - Coon Rapids	374	68.2%	63.3%	72.7%	Above Average
Park Nicollet Clinic - Prior Lake	37	67.6%	51.5%	80.4%	Above Average
Allina Health - Ramsey	77	67.5%	56.5%	76.9%	Above Average
Stillwater Medical Group - Somerset Clinic	39	66.7%	51.0%	79.4%	Average
Mayo Clinic Health System Wabasha	30	66.7%	48.8%	80.8%	Average
Allina Health - Farmington	33	66.7%	49.6%	80.3%	Average
HealthPartners - Riverside	149	66.4%	58.5%	73.5%	Above Average
Affiliated Community Medical Centers - Willmar Clinic	220	66.4%	59.9%	72.3%	Above Average
Allina Health - Inver Grove Heights	67	65.7%	53.7%	75.9%	Above Average
Park Nicollet Clinic - Maple Grove	96	65.6%	55.7%	74.4%	Above Average
HealthPartners - Bloomington	93	65.6%	55.5%	74.5%	Above Average
Park Nicollet Clinic - Eagan	121	65.3%	56.5%	73.2%	Above Average
#Park Nicollet Clinic - St. Louis Park Pediatrics	242	65.3%	59.1%	71.0%	Above Average

Table 25.1: Optimal Asthma Control – Children Ages 5-17 by Clinic

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
Allina Health - Eagan	77	64.9%	53.8%	74.7%	Above Average
Allina Health - Bandana Square	185	64.9%	57.8%	71.4%	Above Average
Fairview Fridley Clinic	54	64.8%	51.5%	76.2%	Above Average
Fairview Columbia Heights Clinic	68	64.7%	52.8%	75.0%	Above Average
■Allergy & Asthma Specialists, PA - Plymouth West Health	34	64.7%	47.9%	78.5%	Average
Mayo Clinic Health System Red Wing	93	64.5%	54.4%	73.5%	Above Average
#Mayo Clinic - Baldwin Building, Pediatrics	124	64.5%	55.8%	72.4%	Above Average
Allina Health - Dean Lakes	31	64.5%	47.0%	78.9%	Average
#Central Pedatrics St. Paul	90	64.4%	54.2%	73.6%	Above Average
HealthPartners - St Paul	322	64.0%	58.6%	69.0%	Above Average
Allina Health - First Street	112	63.4%	54.2%	71.7%	Above Average
■Children's Respiratory & Critical Care Specialists - Minnetonka	112	63.4%	54.2%	71.7%	Above Average
#South Lake Pediatrics - Childrens West	49	63.3%	49.3%	75.3%	Average
Park Nicollet Clinic - Shakopee	154	63.0%	55.1%	70.2%	Above Average
EH East Duluth Clinic 1st St	263	62.4%	56.4%	68.0%	Above Average
Mayo Clinic Health System Albert Lea	116	62.1%	53.0%	70.4%	Above Average
HealthPartners - Arden Hills	47	61.7%	47.4%	74.2%	Average
HealthPartners - Anoka	138	61.6%	53.3%	69.3%	Above Average
Allina Health - Shoreview	31	61.3%	43.8%	76.3%	Average
■Children's Respiratory & Critical Care Specialists - Minneapolis	333	61.3%	55.9%	66.3%	Above Average
HealthPartners - Apple Valley	72	61.1%	49.6%	71.5%	Average
HealthPartners - Brooklyn Center	185	61.1%	53.9%	67.8%	Above Average
■Children's Respiratory & Critical Care Specialists - St Paul	310	61.0%	55.4%	66.2%	Above Average
#Fridley Children's & Teenagers' Medical Center	74	60.8%	49.4%	71.1%	Average
Park Nicollet Clinic - Plymouth	66	60.6%	48.6%	71.5%	Average
Fairview Eagan Clinic	38	60.5%	44.7%	74.4%	Average
Fairview Brooklyn Park Clinic	96	60.4%	50.4%	69.6%	Average
CentraCare Health- Family Health Center	40	60.0%	44.6%	73.7%	Average
#Sanford Sioux Falls Children's Clinic	75	60.0%	48.7%	70.3%	Average
Allina Health - Champlin	95	60.0%	50.0%	69.3%	Average
■Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	35	60.0%	43.6%	74.5%	Average
EH Central Baxter Clinic	144	59.7%	51.6%	67.4%	Above Average
Cedar Riverside People's Center - People's Center Medical Clinic	62	59.7%	47.3%	71.0%	Average
Fairview Burnsville Clinic	84	59.5%	48.8%	69.4%	Average
Mayo Clinic Health System St. Peter	32	59.4%	42.3%	74.5%	Average
Mayo Clinic - Speciality Practice	34	58.8%	42.2%	73.6%	Average
EH West Detroit Lakes Clinic	63	58.7%	46.4%	70.0%	Average
#Mankato Clinic - Children's Health Center	188	58.5%	51.4%	65.3%	Above Average
Affiliated Community Medical Centers - Litchfield Clinic (West)	36	58.3%	42.2%	72.9%	Average
Park Nicollet Clinic - Carlson	55	58.2%	45.0%	70.3%	Average
EH East Ashland Clinic	55	58.2%	45.0%	70.3%	Average
Mayo Clinic Health System Mankato Specialty Clinic	57	57.9%	45.0%	69.8%	Average
Entira Family Clinics - North St. Paul	45	57.8%	43.3%	71.0%	Average
EH East Spooner Clinic	40	57.5%	42.2%	71.5%	Average
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	162	57.4%	49.7%	64.8%	Average
#Sanford Bemidji 1611 Anne St Clinic - Pediatrics	70	57.1%	45.5%	68.1%	Average
Stillwater Medical Group - Curve Crest Clinic	107	57.0%	47.6%	66.0%	Average
EH West Park Rapids Clinic	104	56.7%	47.1%	65.8%	Average
EH East Ely Clinic	30	56.7%	39.2%	72.6%	Average
Park Nicollet Clinic - Lakeville	48	56.3%	42.3%	69.3%	Average
Allina Health - Elk River	64	56.3%	44.1%	67.7%	Average
Allina Health - Fridley	34	55.9%	39.5%	71.1%	Average

Table 25.1: Optimal Asthma Control – Children Ages 5-17 by Clinic

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

Clinic Name (■= Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
EH East West Duluth Clinic	43	55.8%	41.1%	69.6%	Average
HealthPartners - Coon Rapids	108	55.6%	46.2%	64.6%	Average
Allina Health - Faribault	154	55.2%	47.3%	62.8%	Average
EH East Superior Clinic	49	55.1%	41.3%	68.2%	Average
Park Nicollet Clinic - St. Louis Park Family Medicine	40	55.0%	39.8%	69.3%	Average
Native American Community Clinic	120	55.0%	46.1%	63.6%	Average
EH West South University Clinic	93	54.8%	44.7%	64.6%	Average
Affiliated Community Medical Centers - Litchfield Clinic (East)	33	54.6%	38.0%	70.2%	Average
Park Nicollet Clinic - Chanhassen	92	54.4%	44.2%	64.2%	Average
HealthPartners - Como	152	54.0%	46.0%	61.7%	Average
Allina Health Specialties - New Ulm Medical Center	99	53.5%	43.8%	63.0%	Average
Allina Health - Cambridge	275	53.5%	47.6%	59.3%	Average
Allina Health - Northfield	88	53.4%	43.1%	63.5%	Average
Entira Family Clinics - Maplewood/Battle Creek	30	53.3%	36.1%	69.8%	Average
HealthPartners - Elk River	62	53.2%	41.0%	65.1%	Average
HealthPartners - Inver Grove Heights	87	52.9%	42.5%	63.0%	Average
Allina Health - St. Michael	38	52.6%	37.3%	67.5%	Average
Allina Health - Richfield	76	51.3%	40.3%	62.2%	Average
EH East Virginia Clinic	49	51.0%	37.5%	64.4%	Average
EH East Hayward Clinic	61	50.8%	38.6%	62.9%	Average
Allina Health - Cottage Grove	134	50.8%	42.4%	59.1%	Average
HealthEast Maplewood Clinic	69	50.7%	39.2%	62.2%	Average
Park Nicollet Clinic - Brookdale	369	50.1%	45.1%	55.2%	Average
Fairview Princeton Clinic	32	50.0%	33.6%	66.4%	Average
Fairview Apple Valley Clinic	40	50.0%	35.2%	64.8%	Average
Allina Health - West St. Paul	108	50.0%	40.7%	59.3%	Average
HCMC Clinics - Golden Valley Clinic	44	50.0%	35.8%	64.2%	Average
EH East Deer River Clinic	56	50.0%	37.3%	62.7%	Average
Lake Region Healthcare Clinic Services - Fergus Falls	78	48.7%	38.0%	59.6%	Average
Allina Health - Woodbury	91	48.4%	38.4%	58.5%	Average
HealthPartners - Maplewood	217	47.9%	41.4%	54.6%	Average
Allina Health - Maple Grove	65	47.7%	36.0%	59.6%	Average
HealthPartners - Woodbury	189	47.6%	40.6%	54.7%	Average
HealthPartners - Midway	223	47.5%	41.1%	54.1%	Average
FirstLight Health System - Mora	72	47.2%	36.1%	58.6%	Average
HCMC Clinics - Brooklyn Park Clinic	185	47.0%	40.0%	54.2%	Average
#Pediatric Services	43	46.5%	32.5%	61.1%	Average
Grand Itasca Clinic	246	44.7%	38.6%	51.0%	Below Average
Mayo Clinic Health System Owatonna	158	44.3%	36.8%	52.1%	Average
Olmsted Medical Center - Rochester Southeast	128	43.8%	35.5%	52.4%	Average
Mayo Clinic Health System St. James	37	43.2%	28.7%	59.1%	Average
HCMC Clinics - Whittier Clinic	217	42.9%	36.5%	49.5%	Below Average
HealthEast Roselawn Clinic	96	42.7%	33.3%	52.7%	Average
Park Nicollet Clinic - Minneapolis	334	42.2%	37.0%	47.6%	Below Average
Allina Health - East Lake Street	102	42.2%	33.0%	51.9%	Average
HealthEast Tamarack Clinic Woodbury	80	41.3%	31.1%	52.2%	Average
Allina Health - Maplewood	103	39.8%	30.9%	49.5%	Below Average
HealthPartners - Andover	38	39.5%	25.6%	55.3%	Average
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	33	39.4%	24.7%	56.3%	Average
RR Health Services dba Fairview Mesaba Clinic - Hibbing	51	39.2%	27.0%	52.9%	Average
U of Minnesota Physicians - Bethesda Family Medicine Clinic	184	39.1%	32.4%	46.3%	Below Average
Mayo Clinic Health System Mankato Eastridge	52	38.5%	26.5%	52.0%	Average

Table 25.1: Optimal Asthma Control – Children Ages 5-17 by Clinic

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

Clinic Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
Community-University Health Care Center	111	37.8%	29.4%	47.1%	Below Average
North Memorial Clinic - Camden	43	37.2%	24.4%	52.1%	Average
Olmsted Medical Center - Rochester Northwest	57	36.8%	25.5%	49.8%	Below Average
U of Minnesota Health - Discovery Clinic - Pediatric Specialties	74	36.5%	26.4%	47.9%	Below Average
HealthEast Woodbury Clinic	67	35.8%	25.4%	47.8%	Below Average
St. Croix Regional Medical Center - St. Croix Falls Clinic	109	35.8%	27.4%	45.1%	Below Average
Mayo Clinic Health System Fairmont	34	35.3%	21.5%	52.1%	Average
Riverwood Aitkin Clinic	44	34.1%	21.9%	48.9%	Below Average
HealthEast Grand Avenue Clinic	33	33.3%	19.8%	50.4%	Below Average
HealthEast Oakdale	33	33.3%	19.8%	50.4%	Below Average
U of Minnesota Physicians - Phalen Village Family Medicine Clinic	87	33.3%	24.3%	43.8%	Below Average
Sanford Health Alexandria Broadway Clinic	40	32.5%	20.1%	48.0%	Below Average
NorthPoint Health & Wellness Center	291	31.6%	26.5%	37.2%	Below Average
Indian Health Board of Minneapolis	70	31.4%	21.8%	43.0%	Below Average
Southside Medical Clinic	47	29.8%	18.7%	44.0%	Below Average
HealthEast Rice Street Clinic	89	29.2%	20.8%	39.4%	Below Average
Stellis Health-Monticello Clinic	77	28.6%	19.7%	39.5%	Below Average
West Side Community Hlth Services - McDonough Homes Clinic	35	28.6%	16.3%	45.1%	Below Average
U of Minnesota Health - Fairview Maple Grove Medical Center	32	28.1%	15.6%	45.4%	Below Average
West Side Community Health Services - East Side Family Clinic	191	27.8%	21.9%	34.5%	Below Average
Stellis Health - Albertville-St. Michael Clinic	34	26.5%	14.6%	43.1%	Below Average
Riverwood McGregor Clinic	31	25.8%	13.7%	43.3%	Below Average
Glencoe Regional Health Services - Glencoe	71	25.4%	16.7%	36.6%	Below Average
University of Minnesota Health - Smiley's Family Medicine Clinic	120	25.0%	18.1%	33.4%	Below Average
Tri-County Health Care - Wadena Clinic	61	23.0%	14.2%	34.9%	Below Average
RiverView Clinic	54	22.2%	13.2%	34.9%	Below Average
Sawtooth Mountain Clinic, Inc	40	20.0%	10.5%	34.8%	Below Average
North Memorial Clinic - St. Anthony	31	19.4%	9.2%	36.3%	Below Average
St Luke's Clinics-Laurentian	31	19.4%	9.2%	36.3%	Below Average
Neighborhood HealthSource - Sheridan Clinic	32	18.8%	8.9%	35.3%	Below Average
#St Luke's Clinics-Pediatrics	109	17.4%	11.5%	25.6%	Below Average
Stellis Health-Buffalo Clinic	82	17.1%	10.5%	26.6%	Below Average
United Family Medicine	78	16.7%	10.0%	26.5%	Below Average
Neighborhood HealthSource - Fremont Clinic	33	15.2%	6.7%	30.9%	Below Average
Winona Health - Winona Clinic	114	14.0%	8.8%	21.6%	Below Average
Gateway Family Health Clinic - Moose Lake	32	12.5%	5.0%	28.1%	Below Average
West Side Community Health Services - La Clinica	96	11.5%	6.5%	19.4%	Below Average
Northwest Family Physicians - Crystal	30	10.0%	3.5%	25.6%	Below Average
Family Medical Center	43	9.3%	3.7%	21.6%	Below Average
U of Minnesota Physicians - Broadway Family Medicine Clinic	240	6.7%	4.1%	10.6%	Below Average
St Luke's Clinics-Denfeld	33	6.1%	1.7%	19.6%	Below Average
Altru Health System - Family Medicine Center	75	5.3%	2.1%	12.9%	Below Average
Altru Health System - Main	136	4.4%	2.0%	9.3%	Below Average
Cuyuna Regional Medical Center-Clinic Services	91	4.4%	1.7%	10.8%	Below Average
Hutchinson Health - Hutchinson Clinic	150	3.3%	1.4%	7.6%	Below Average
Mille Lacs Health System - Onamia	33	3.0%	0.5%	15.3%	Below Average
Avera Medical Group - Worthington	190	0.5%	0.1%	2.9%	Below Average
Altru Health System - Crookston	32	0.0%	0.0%	10.7%	Below Average
Altru Health System - Lake Region	99	0.0%	0.0%	3.7%	Below Average
St Luke's Clinics-Hibbing Family Medical Clinic	32	0.0%	0.0%	10.7%	Below Average
Raiter Clinic	39	0.0%	0.0%	9.0%	Below Average

Table 25.2: Optimal Asthma Control – Children Ages 5-17 by Medical Group

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

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
■ Advancements in Allergy and Asthma Care	38	92.1%	79.2%	97.3%	Above Average
# Wayzata Children's Clinic	91	76.9%	67.3%	84.4%	Above Average
# South Lake Pediatrics	255	75.7%	70.1%	80.5%	Above Average
HealthPartners Central Minnesota Clinics	182	73.6%	66.8%	79.5%	Above Average
■ Allergy, Asthma & Immunology Clinic	58	70.7%	58.0%	80.8%	Above Average
CentraCare Health	901	68.0%	64.9%	71.0%	Above Average
# Central Pediatrics	183	67.8%	60.7%	74.1%	Above Average
Lakewood Health System	95	67.4%	57.4%	76.0%	Above Average
Fairview Health Services	1,445	65.3%	62.8%	67.7%	Above Average
Affiliated Community Medical Centers	472	65.0%	60.6%	69.2%	Above Average
Sanford Health - Sioux Falls Region	829	64.1%	60.7%	67.3%	Above Average
Mayo Clinic	243	61.7%	55.5%	67.6%	Above Average
# Children's Respiratory & Critical Care Specialists	755	61.5%	57.9%	64.9%	Above Average
# Fridley Children's & Teenagers' Medical Center	74	60.8%	49.4%	71.1%	Average
Mankato Clinic, Ltd.	307	60.6%	55.0%	65.9%	Above Average
Hennepin County Medical Center (HCMC) Clinics	1,433	60.2%	57.7%	62.7%	Above Average
Cedar Riverside People's Center	62	59.7%	47.3%	71.0%	Average
Park Nicollet Health Services	2,106	58.2%	56.1%	60.3%	Above Average
Stillwater Medical Group	150	58.0%	50.0%	65.6%	Average
Allina Health Clinics	3,001	57.8%	56.0%	59.5%	Above Average
Mayo Clinic Health System	1,177	57.5%	54.7%	60.3%	Above Average
HealthPartners Clinics	2,318	57.5%	55.5%	59.5%	Above Average
■ Allergy & Asthma Specialists, PA	90	56.7%	46.4%	66.4%	Average
Native American Community Clinic	120	55.0%	46.1%	63.6%	Average
Essentia Health	1,476	55.0%	52.4%	57.5%	Above Average
Sanford Health - Fargo Region	685	52.7%	49.0%	56.4%	Average
Allina Health Specialties	107	51.4%	42.1%	60.7%	Average
Lake Region Healthcare	114	50.0%	41.0%	59.0%	Average
Entira Family Clinics (formerly Family Health Services MN)	222	48.2%	41.7%	54.8%	Average
# Pediatric Services - Children's Physician Network	43	46.5%	32.5%	61.1%	Average
FirstLight Health System	117	45.3%	36.6%	54.3%	Average
Grand Itasca Clinic	246	44.7%	38.6%	51.0%	Below Average
Olmsted Medical Center	279	44.1%	38.4%	50.0%	Below Average
North Memorial	191	39.3%	32.6%	46.3%	Below Average

Table 25.2: Optimal Asthma Control – Children Ages 5-17 by Medical Groups

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

Medical Group Name (■ = Allergy/Immunology, # = Pediatric)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating
Statewide Average	25,272	51.0%	50.4%	51.6%	
HealthEast Clinics	532	38.9%	34.9%	43.1%	Below Average
Community University Health Care Center	111	37.8%	29.4%	47.1%	Below Average
Fairview Mesaba Clinics	79	36.7%	26.9%	47.7%	Below Average
St. Croix Regional Medical Center	194	35.1%	28.7%	42.0%	Below Average
NorthPoint Health & Wellness Center	291	31.6%	26.5%	37.2%	Below Average
Indian Health Board of Minneapolis	70	31.4%	21.8%	43.0%	Below Average
Riverwood Healthcare Center	79	30.4%	21.3%	41.2%	Below Average
Southside Community Health Services	47	29.8%	18.7%	44.0%	Below Average
Glencoe Regional Health Services	77	27.3%	18.6%	38.1%	Below Average
University of Minnesota Physicians	744	24.6%	21.6%	27.8%	Below Average
Ridgeview Clinics	33	24.2%	12.8%	41.0%	Below Average
Tri-County Health Care	81	23.5%	15.6%	33.8%	Below Average
Stellis Health, PA	193	23.3%	17.9%	29.8%	Below Average
West Side Community Health Services	322	23.0%	18.7%	27.9%	Below Average
RiverView Health	54	22.2%	13.2%	34.9%	Below Average
Northfield Hospital + Clinics	45	20.0%	10.9%	33.8%	Below Average
Sawtooth Mountain Clinic	40	20.0%	10.5%	34.8%	Below Average
St. Luke's Clinics	315	19.1%	15.1%	23.8%	Below Average
Neighborhood Healthsource	83	16.9%	10.3%	26.3%	Below Average
United Family Medicine	79	16.5%	9.9%	26.2%	Below Average
Scenic Rivers Health Services	63	15.9%	8.9%	26.8%	Below Average
Gateway Family Health Clinic	63	14.3%	7.7%	25.0%	Below Average
Winona Health Services	123	13.8%	8.8%	21.0%	Below Average
Open Cities Health Center	47	12.8%	6.0%	25.2%	Below Average
Northwest Family Physicians	37	10.8%	4.3%	24.7%	Below Average
Unity Family Healthcare, Family Medical Center	46	8.7%	3.4%	20.3%	Below Average
Mille Lacs Health System	59	5.1%	1.7%	13.9%	Below Average
Cuyuna Regional Medical Center	112	3.6%	1.4%	8.8%	Below Average
Hutchinson Health	164	3.1%	1.3%	6.9%	Below Average
Altru Health System	424	2.4%	1.3%	4.3%	Below Average
Avera Medical Group	256	2.3%	1.1%	5.0%	Below Average
North Clinic	51	0.0%	0.0%	7.0%	Below Average
Raiter Clinic, LTD - IHN	39	0.0%	0.0%	9.0%	Below Average

Please see next page.

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

Medical Group Performance over Time (Three Years)

As previously noted, the analysis of medical group performance over the past three years was done to determine patterns of medical group performance per measure over time. The reporting years of 2015, 2016 and 2017 were reviewed.

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

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

Table 26: Controlling High Blood Pressure – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Entira Family Clinics	92.0%	82.9%	89.3%	-9.1%	6.4%	-2.7%	Consistent High Performance
Allina Health	79.0%	75.1%	77.6%	-3.9%	2.6%	-1.4%	Consistent High Performance
Mayo Clinic Health System - Mankato	76.9%	78.9%	83.5%	2.0%	4.5%	6.5%	Consistently Improved
Stellis Health, PA	72.5%	77.5%	81.7%	5.0%	4.2%	9.2%	Consistently Improved
Lake Region Healthcare	59.1%	68.7%	80.0%	9.6%	11.3%	20.9%	Consistently Improved
Altru Health System	59.3%	63.5%	79.7%	4.2%	16.2%	20.4%	Consistently Improved
Apple Valley Medical Clinic	54.9%	73.4%	77.5%	18.5%	4.1%	22.6%	Consistently Improved
St. Luke's Clinics	65.9%	70.4%	76.9%	4.5%	6.6%	11.0%	Consistently Improved
Ridgeview Clinics	56.6%	66.4%	75.1%	9.9%	8.7%	18.6%	Consistently Improved
CentraCare Health	83.6%	71.8%	81.6%	-11.9%	9.9%	-2.0%	Variable Improvement
Sanford Health - Fargo Region	72.6%	81.1%	79.7%	8.5%	-1.4%	7.1%	Variable Improvement
Affiliated Community Medical Centers	77.7%	74.2%	79.1%	-3.6%	4.9%	1.4%	Variable Improvement
HealthPartners Clinics	75.1%	68.9%	78.1%	-6.2%	9.2%	3.1%	Variable Improvement
Northwest Family Physicians	61.7%	78.4%	77.6%	16.7%	-0.8%	15.9%	Variable Improvement
Alexandria Clinic	66.8%	68.5%	76.1%	1.8%	7.6%	9.4%	Variable Improvement
NorthPoint Health & Wellness Center	62.3%	63.2%	74.4%	0.9%	11.1%	12.0%	Variable Improvement
Gateway Family Health Clinic	49.5%	73.9%	74.3%	24.4%	0.4%	24.9%	Variable Improvement
University of Minnesota Physicians	63.4%	47.9%	73.7%	-15.5%	25.8%	10.3%	Variable Improvement
Sanford Health - Sioux Falls Region	63.4%	88.1%	73.2%	24.7%	-15.0%	9.8%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	61.0%	57.6%	73.2%	-3.4%	15.6%	12.2%	Variable Improvement
FirstLight Health System	63.8%	57.0%	73.1%	-6.8%	16.1%	9.3%	Variable Improvement
Cuyuna Regional Medical Center	63.6%	81.5%	72.6%	18.0%	-8.9%	9.1%	Variable Improvement
Fairview Mesaba Clinics	59.0%	82.7%	71.9%	23.7%	-10.8%	12.9%	Variable Improvement
Mayo Clinic Health System - Fairmont	54.2%	76.3%	71.2%	22.1%	-5.0%	17.0%	Variable Improvement
North Memorial	71.5%	75.4%	71.1%	3.9%	-4.3%	-0.4%	Variable Improvement
Riverwood Healthcare Center	38.8%	71.2%	70.9%	32.5%	-0.3%	32.2%	Variable Improvement
Tri-County Health Care	64.8%	57.2%	69.1%	-7.6%	12.0%	4.3%	Variable Improvement
Grand Itasca Clinic	66.0%	63.9%	68.3%	-2.1%	4.5%	2.3%	Variable Improvement
North Clinic	59.3%	76.0%	67.8%	16.6%	-8.2%	8.4%	Variable Improvement
Mayo Clinic HS - Franciscan Healthcare in La Crosse	50.9%	91.1%	67.5%	40.2%	-23.6%	16.6%	Variable Improvement
Mayo Clinic	61.7%	57.5%	67.0%	-4.2%	9.6%	5.3%	Variable Improvement
Lakeview Clinic	56.2%	63.8%	64.2%	7.6%	0.4%	8.0%	Variable Improvement
Winona Health Services	48.7%	69.1%	63.8%	20.3%	-5.3%	15.1%	Variable Improvement
Olmsted Medical Center	58.8%	68.8%	63.3%	10.0%	-5.4%	4.6%	Variable Improvement
Multicare Associates	54.6%	68.7%	57.5%	14.1%	-11.2%	3.0%	Variable Improvement
Open Cities Health Center	38.1%	63.4%	45.8%	25.3%	-17.7%	7.6%	Variable Improvement
St. Paul Family Medical Center	32.9%	54.0%	34.8%	21.2%	-19.2%	1.9%	Variable Improvement
Advanced Medical Clinic	28.7%	41.7%	28.1%	13.0%	-13.7%	-0.6%	Variable Improvement
Fairview Medical Group	76.2%	76.2%	73.8%	0.0%	-2.4%	-2.4%	Variable Decline
HealthEast Clinics	83.5%	72.1%	73.4%	-11.4%	1.3%	-10.1%	Variable Decline
Park Nicollet Health Services	74.3%	75.0%	70.0%	0.7%	-5.1%	-4.4%	Variable Decline
Mayo Clinic Health System - Albert Lea and Austin	77.7%	67.5%	68.6%	-10.2%	1.2%	-9.1%	Variable Decline
Mayo Clinic Health System - Red Wing	80.8%	82.6%	67.6%	1.8%	-15.0%	-13.3%	Variable Decline
Mayo Clinic Health System-Owatonna	83.1%	86.9%	65.1%	3.7%	-21.7%	-18.0%	Variable Decline
Lakewood Health System	69.7%	69.1%	64.4%	-0.6%	-4.7%	-5.3%	Variable Decline
Mankato Clinic, Ltd.	72.7%	84.5%	63.7%	11.8%	-20.8%	-9.0%	Variable Decline
Neighborhood Healthsource	63.0%	58.3%	60.2%	-4.7%	1.9%	-2.8%	Variable Decline
Raiter Clinic, LTD - IHN	72.7%	77.9%	59.8%	5.3%	-18.1%	-12.9%	Variable Decline
Hutchinson Health	68.3%	67.2%	58.8%	-1.0%	-8.4%	-9.5%	Variable Decline
West Side Community Health Services	60.3%	64.6%	54.3%	4.3%	-10.3%	-6.0%	Variable Decline
United Family Medicine	80.9%	83.1%	52.3%	2.2%	-30.8%	-28.6%	Variable Decline
Community University Health Care Center	56.2%	69.3%	48.8%	13.1%	-20.6%	-7.5%	Variable Decline
Cedar Riverside People's Center	47.6%	47.0%	36.4%	-0.6%	-10.7%	-11.2%	Variable Decline
Unity Family Healthcare - Avon	82.9%	73.5%	69.9%	-9.4%	-3.6%	-13.0%	Consistently Declined

Table 27: Colorectal Cancer Screening – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Obstetrics and Gynecology Associates	79.3%	81.3%	76.4%	2.0%	-4.9%	-2.9%	Consistent High Performance
Southdale Ob/Gyn Consultants	95.0%	85.2%	74.1%	-9.8%	-11.1%	-20.9%	Consistent High Performance
Fairview Health Services	64.3%	66.7%	66.4%	2.5%	-0.3%	2.2%	Consistent High Performance
Mayo Clinic	60.9%	63.9%	64.9%	3.0%	1.0%	4.0%	Consistent High Performance
Alexandria Clinic	65.6%	61.7%	64.9%	-3.9%	3.2%	-0.7%	Consistent High Performance
Allina Health Clinics	65.0%	66.1%	63.2%	1.1%	-3.0%	-1.9%	Consistent High Performance
Sanford Health - Fargo Region	56.2%	58.1%	62.1%	1.9%	4.0%	5.9%	Consistent High Performance
HealthPartners Clinics	63.2%	62.9%	61.7%	-0.3%	-1.2%	-1.5%	Consistent High Performance
Allina Health Specialties	60.2%	60.0%	61.5%	-0.1%	1.5%	1.3%	Consistent High Performance
Mankato Clinic, Ltd.	59.2%	61.6%	61.5%	2.4%	-0.1%	2.3%	Consistent High Performance
Mayo Clinic Health System	63.9%	63.7%	61.1%	-0.2%	-2.6%	-2.8%	Consistent High Performance
CentraCare Health	63.7%	60.3%	60.7%	-3.4%	0.4%	-3.0%	Consistent High Performance
Valley Family Practice- MHN	45.7%	56.1%	58.5%	10.4%	2.4%	12.8%	Consistently Improved
Northfield Hospital + Clinics	44.4%	52.3%	58.1%	8.0%	5.7%	13.7%	Consistently Improved
Riverwood Healthcare Center	52.9%	55.3%	57.4%	2.3%	2.2%	4.5%	Consistently Improved
HealthPartners Central Minnesota Clinics	49.7%	52.0%	56.2%	2.2%	4.2%	6.4%	Consistently Improved
Renville County Hospital and Clinics	43.5%	50.9%	53.4%	7.4%	2.5%	9.9%	Consistently Improved
NorthPoint Health & Wellness Center	47.4%	50.7%	53.3%	3.3%	2.6%	5.9%	Consistently Improved
Scenic Rivers Health Services	37.8%	48.6%	52.6%	10.8%	3.9%	14.8%	Consistently Improved
Entira Family Clinics	46.8%	48.9%	52.5%	2.1%	3.7%	5.8%	Consistently Improved
RiverView Health	27.4%	47.2%	49.6%	19.9%	2.4%	22.3%	Consistently Improved
Southside Community Health Services	34.0%	46.1%	49.5%	12.2%	3.4%	15.6%	Consistently Improved
Olmsted Medical Center	42.4%	45.7%	48.7%	3.3%	3.0%	6.3%	Consistently Improved
Lakewood Health Center Clinic	33.0%	38.1%	46.8%	5.1%	8.7%	13.8%	Consistently Improved
Life Medical	22.3%	31.3%	43.7%	9.0%	12.3%	21.3%	Consistently Improved
Scandia Clinic	28.1%	37.5%	43.2%	9.4%	5.7%	15.1%	Consistently Improved
Cedar Riverside People's Center	3.3%	6.8%	14.1%	3.5%	7.3%	10.8%	Consistently Improved
Ortonville Area Health Services-Northside Medical Clinic	58.3%	57.1%	71.0%	-1.1%	13.9%	12.7%	Variable Improvement
Oakdale Ob/Gyn	58.5%	53.3%	67.3%	-5.2%	14.0%	8.8%	Variable Improvement
Sanford Health - Sioux Falls Region	60.1%	53.8%	59.9%	-6.4%	6.1%	-0.3%	Variable Improvement
Park Nicollet Health Services	52.1%	54.0%	57.9%	1.9%	3.9%	5.8%	Variable Improvement
Avera Medical Group	42.9%	43.6%	57.5%	0.6%	13.9%	14.5%	Variable Improvement
Fairview Mesaba Clinics	54.0%	55.2%	57.4%	1.2%	2.2%	3.4%	Variable Improvement
North Memorial	55.5%	52.0%	56.4%	-3.6%	4.5%	0.9%	Variable Improvement
Hennepin County Medical Center (HCMC) Clinics	50.0%	51.0%	56.0%	1.0%	4.9%	5.9%	Variable Improvement
Dawson Clinic	42.2%	43.0%	55.4%	0.9%	12.4%	13.2%	Variable Improvement
Unity Family Healthcare, Family Medical Center	53.1%	56.2%	54.8%	3.0%	-1.3%	1.7%	Variable Improvement
Chippewa County Montevideo Hospital & Medical Clinic	48.8%	52.5%	54.4%	3.7%	1.9%	5.7%	Variable Improvement
Duluth Family Medicine Clinic	53.0%	57.3%	54.2%	4.3%	-3.1%	1.2%	Variable Improvement
FirstLight Health System	52.0%	55.6%	53.4%	3.7%	-2.2%	1.5%	Variable Improvement
Sibley Medical Center DBA Ridgeview Sibley Medical Center	42.9%	52.3%	53.3%	9.4%	1.1%	10.5%	Variable Improvement
Northwest Family Physicians	49.6%	47.4%	52.6%	-2.3%	5.3%	3.0%	Variable Improvement
France Avenue Family Physicians - MN Healthcare Network	45.3%	53.6%	52.5%	8.3%	-1.1%	7.2%	Variable Improvement
Gateway Family Health Clinic	41.2%	59.9%	52.4%	18.7%	-7.5%	11.2%	Variable Improvement

Table 27: Colorectal Cancer Screening – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Tri-County Health Care	45.5%	47.3%	51.6%	1.9%	4.3%	6.2%	Variable Improvement
Hutchinson Health	48.6%	51.1%	50.4%	2.5%	-0.8%	1.7%	Variable Improvement
Glencoe Regional Health Services	48.2%	46.7%	50.2%	-1.4%	3.4%	2.0%	Variable Improvement
Metropolitan Obstetrics & Gynecology	48.4%	63.9%	49.5%	15.5%	-14.4%	1.1%	Variable Improvement
Sawtooth Mountain Clinic	38.8%	58.1%	48.9%	19.3%	-9.3%	10.0%	Variable Improvement
Multicare Associates	40.6%	38.4%	47.2%	-2.3%	8.8%	6.5%	Variable Improvement
West Side Community Health Services	30.4%	47.5%	45.5%	17.1%	-2.0%	15.1%	Variable Improvement
Ridgeview Clinics	42.8%	43.6%	45.1%	0.8%	1.5%	2.3%	Variable Improvement
Williams Integracare Clinic	43.5%	48.2%	43.0%	4.7%	-5.2%	-0.5%	Variable Improvement
Madelia Community Hospital & Clinic	42.2%	36.4%	42.9%	-5.9%	6.5%	0.6%	Variable Improvement
Vibrant Health Family Clinics and Minnesota Health Network	36.1%	36.3%	40.9%	0.2%	4.7%	4.8%	Variable Improvement
Community University Health Care Center	36.3%	43.7%	38.9%	7.4%	-4.8%	2.6%	Variable Improvement
Neighborhood Healthsource	30.0%	35.3%	36.4%	5.3%	1.1%	6.4%	Variable Improvement
Apple Valley Medical Clinic	32.5%	34.8%	36.1%	2.3%	1.4%	3.6%	Variable Improvement
Kittson Memorial Clinic	29.4%	35.6%	31.4%	6.2%	-4.2%	2.0%	Variable Improvement
Native American Community Clinic	17.8%	17.3%	23.6%	-0.5%	6.3%	5.8%	Variable Improvement
Gundersen Health System	56.4%	57.0%	57.8%	0.6%	0.8%	1.4%	Relatively Stable
Grand Itasca Clinic	54.9%	56.1%	55.6%	1.2%	-0.5%	0.7%	Relatively Stable
Altru Health System	53.1%	51.4%	52.8%	-1.7%	1.5%	-0.2%	Relatively Stable
University of Minnesota Physicians	52.0%	50.9%	52.6%	-1.1%	1.7%	0.6%	Relatively Stable
North Clinic	48.3%	48.4%	47.7%	0.1%	-0.6%	-0.6%	Relatively Stable
United Family Medicine	45.4%	44.9%	46.3%	-0.6%	1.4%	0.9%	Relatively Stable
HealthEast Clinics	46.5%	45.0%	45.7%	-1.5%	0.7%	-0.8%	Relatively Stable
Lake Region Healthcare	44.3%	46.1%	45.4%	1.8%	-0.8%	1.1%	Relatively Stable
Lake Superior Community Health Center	43.5%	44.2%	43.2%	0.7%	-1.0%	-0.3%	Relatively Stable
Western ObGyn	73.5%	66.7%	70.0%	-6.9%	3.3%	-3.5%	Variable Declined
Edina Sports Health & Wellness	75.5%	75.5%	69.4%	0.0%	-6.1%	-6.1%	Variable Declined
Lakewood Health System	72.3%	59.1%	62.2%	-13.2%	3.1%	-10.1%	Variable Declined
Burnsville Family Physicians	69.3%	73.7%	60.6%	4.4%	-13.1%	-8.8%	Variable Declined
Stillwater Medical Group	63.8%	58.5%	59.7%	-5.3%	1.2%	-4.2%	Variable Declined
OBGYN West	61.4%	60.0%	56.7%	-1.4%	-3.3%	-4.6%	Variable Declined
Affiliated Community Medical Centers	59.3%	57.5%	54.2%	-1.8%	-3.3%	-5.1%	Variable Declined
Partners Ob/Gyn	76.0%	76.3%	52.0%	0.3%	-24.3%	-24.0%	Variable Declined
Richfield Medical Group	59.1%	52.2%	51.3%	-6.9%	-0.9%	-7.8%	Variable Declined
Lac Qui Parle Clinic	54.6%	48.5%	47.1%	-6.1%	-1.3%	-7.4%	Variable Declined
Hendricks Community Hospital Association	52.2%	46.2%	44.4%	-6.1%	-1.7%	-7.8%	Variable Declined
Family Practice Medical Center of Willmar	54.6%	56.3%	44.4%	1.7%	-11.9%	-10.2%	Variable Declined
Winona Health Services	45.8%	44.9%	43.7%	-0.9%	-1.3%	-2.2%	Variable Declined
Open Door Health Center	47.3%	18.2%	35.7%	-29.1%	17.5%	-11.6%	Variable Declined
Sleepy Eye Medical Center	37.7%	35.3%	35.1%	-2.4%	-0.2%	-2.6%	Variable Declined
Indian Health Board of Minneapolis	27.1%	33.1%	24.6%	5.9%	-8.4%	-2.5%	Variable Declined
AALFA Family Clinic	66.7%	63.0%	56.0%	-3.6%	-7.0%	-10.7%	Consistently Declined
St. Luke's Clinics	54.5%	47.8%	38.2%	-6.6%	-9.6%	-16.3%	Consistently Declined
Prairie Ridge Hospital & Health Services	47.5%	45.3%	36.8%	-2.1%	-8.5%	-10.6%	Consistently Declined

Table 28: Chlamydia Screening in Women – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
HealthPartners Clinics	77.2%	75.7%	75.2%	-1.5%	-0.5%	-2.0%	Consistent High Performance
NorthPoint Health & Wellness Center	78.9%	78.2%	71.7%	-0.8%	-6.5%	-7.3%	Consistent High Performance
Allina Health	68.7%	68.1%	67.4%	-0.6%	-0.6%	-1.3%	Consistent High Performance
Hennepin County Medical Center (HCMC) Clinics	74.6%	69.7%	66.2%	-4.9%	-3.5%	-8.3%	Consistent High Performance
Fairview Medical Group	62.4%	62.5%	63.0%	0.1%	0.5%	0.5%	Consistent High Performance
Park Nicollet Health Services	60.0%	65.0%	66.3%	5.0%	1.4%	6.3%	Variable Improvement
Entira Family Clinics (formerly Family Health Services MN)	63.8%	59.7%	65.2%	-4.1%	5.4%	1.3%	Variable Improvement
CentraCare Health	50.8%	59.7%	61.5%	8.9%	1.8%	10.6%	Variable Improvement
Mankato Clinic, Ltd.	53.4%	56.7%	57.3%	3.4%	0.6%	4.0%	Variable Improvement
St. Luke's Clinics	56.8%	47.6%	55.1%	-9.2%	7.6%	-1.7%	Variable Improvement
Northwest Family Physicians	42.6%	53.2%	54.6%	10.5%	1.4%	11.9%	Variable Improvement
Children's Health Care	49.7%	51.3%	54.3%	1.6%	3.0%	4.6%	Variable Improvement
Mayo Clinic	50.5%	47.6%	52.3%	-2.9%	4.6%	1.7%	Variable Improvement
Fairview Mesaba Clinics	48.0%	53.5%	51.8%	5.5%	-1.7%	3.8%	Variable Improvement
Alexandria Clinic	26.3%	25.9%	49.6%	-0.3%	23.7%	23.3%	Variable Improvement
Cuyuna Regional Medical Center	43.7%	45.1%	48.5%	1.5%	3.4%	4.9%	Variable Improvement
Grand Itasca Clinic	48.8%	42.1%	47.0%	-6.7%	4.9%	-1.8%	Variable Improvement
Glenwood Medical Center	30.6%	26.3%	46.7%	-4.2%	20.4%	16.1%	Variable Improvement
Family Practice Medical Center of Willmar	44.2%	42.9%	46.3%	-1.4%	3.4%	2.1%	Variable Improvement
Riverwood Healthcare Center	38.5%	40.0%	44.1%	1.5%	4.1%	5.7%	Variable Improvement
Mayo Clinic Health System-Owatonna	32.2%	51.6%	42.9%	19.4%	-8.7%	10.7%	Variable Improvement
Sanford Health - Fargo Region	39.5%	40.2%	41.6%	0.7%	1.4%	2.1%	Variable Improvement
Unity Family Healthcare - Avon	36.9%	41.5%	41.5%	4.6%	0.0%	4.6%	Variable Improvement
Tri-County Health Care	39.8%	35.9%	39.4%	-3.9%	3.5%	-0.4%	Variable Improvement
Avera Medical Group - Pipestone	26.5%	44.1%	32.5%	17.7%	-11.6%	6.0%	Variable Improvement
Lakeview Clinic	49.3%	50.0%	49.0%	0.7%	-1.0%	-0.4%	Relatively Stable
Sanford Health - Sioux Falls Region	35.3%	36.5%	35.0%	1.2%	-1.5%	-0.3%	Relatively Stable
Glencoe Regional Health Services	10.0%	8.7%	9.3%	-1.3%	0.6%	-0.7%	Relatively Stable
Community University Health Care Center	68.3%	63.1%	63.1%	-5.2%	0.0%	-5.2%	Variable Decline
University of Minnesota Physicians	61.6%	63.8%	60.0%	2.2%	-3.8%	-1.7%	Variable Decline
HealthEast Clinics	59.9%	61.5%	58.4%	1.6%	-3.1%	-1.5%	Variable Decline
North Clinic	60.8%	64.9%	53.3%	4.1%	-11.6%	-7.4%	Variable Decline
North Memorial	59.7%	52.0%	52.5%	-7.8%	0.6%	-7.2%	Variable Decline
FirstLight Health System	58.9%	48.1%	51.5%	-10.8%	3.4%	-7.4%	Variable Decline
Mayo Clinic Health System - Red Wing	55.4%	55.8%	50.8%	0.5%	-5.0%	-4.5%	Variable Decline
Affiliated Community Medical Centers	57.7%	48.1%	50.0%	-9.6%	1.9%	-7.7%	Variable Decline
Mayo Clinic Health System - Albert Lea and Austin	51.4%	49.4%	47.3%	-2.0%	-2.1%	-4.1%	Variable Decline
Children's Clinic Network	52.1%	46.0%	47.1%	-6.1%	1.0%	-5.1%	Variable Decline
Gateway Family Health Clinic	47.6%	43.8%	45.7%	-3.8%	1.9%	-1.9%	Variable Decline
Mayo Clinic Health System - New Prague	54.3%	45.5%	44.4%	-8.8%	-1.0%	-9.9%	Variable Decline
Olmsted Medical Center	53.0%	44.4%	44.3%	-8.7%	-0.1%	-8.7%	Variable Decline
Apple Valley Medical Clinic	50.8%	45.9%	44.2%	-4.8%	-1.7%	-6.6%	Variable Decline
Multicare Associates	47.2%	50.0%	43.8%	2.8%	-6.3%	-3.4%	Variable Decline
Mayo Clinic Health System - Mankato	46.3%	52.6%	40.6%	6.3%	-12.0%	-5.7%	Variable Decline
Winona Health Services	49.7%	48.3%	39.3%	-1.5%	-9.0%	-10.5%	Variable Decline
Ridgeview Clinics	44.4%	48.5%	38.1%	4.1%	-10.4%	-6.3%	Variable Decline
Mayo Clinic Health System - Fairmont	46.4%	44.8%	37.3%	-1.7%	-7.5%	-9.2%	Variable Decline
Altru Health System	39.4%	41.2%	36.3%	1.8%	-4.9%	-3.1%	Variable Decline
Stellis Health, PA	44.7%	47.8%	36.3%	3.1%	-11.5%	-8.4%	Variable Decline
Lakewood Health System	37.3%	43.4%	34.9%	6.1%	-8.4%	-2.4%	Variable Decline
West Side Community Health Services	69.3%	66.6%	59.3%	-2.7%	-7.3%	-10.0%	Consistently Declined
Lake Region Healthcare	44.7%	42.1%	39.2%	-2.7%	-2.9%	-5.5%	Consistently Declined
United Family Medicine	67.6%	44.8%	37.0%	-22.8%	-7.8%	-30.6%	Consistently Declined
Renville County Hospital and Clinics	47.1%	41.0%	31.4%	-6.0%	-9.6%	-15.6%	Consistently Declined
Hutchinson Health	54.0%	42.6%	30.6%	-11.5%	-12.0%	-23.4%	Consistently Declined

Table 29: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
United Family Medicine	100.0%	99.0%	100.0%	-1.0%	1.0%	0.0%	Consistent High Performance
South Lake Pediatrics	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	Consistent High Performance
West Side Community Health Services	97.3%	99.4%	100.0%	2.2%	0.6%	2.7%	Consistent High Performance
MinuteClinic	97.9%	98.5%	100.0%	0.7%	1.5%	2.1%	Consistent High Performance
Stellis Health, PA	97.7%	99.0%	98.2%	1.2%	-0.8%	0.5%	Consistent High Performance
University of Minnesota Physicians	98.0%	99.0%	98.0%	1.0%	-1.0%	0.0%	Consistent High Performance
HealthEast Clinics	97.5%	98.1%	97.9%	0.6%	-0.1%	0.4%	Consistent High Performance
Hennepin County Medical Center (HCMC) Clinics	98.9%	98.9%	96.9%	0.0%	-2.0%	-2.0%	Consistent High Performance
HealthPartners Clinics	97.2%	97.6%	96.8%	0.3%	-0.8%	-0.5%	Consistent High Performance
Park Nicollet Health Services	96.2%	96.2%	96.4%	0.0%	0.2%	0.2%	Consistent High Performance
Children's Clinic Network	97.7%	97.3%	95.9%	-0.4%	-1.3%	-1.8%	Consistent High Performance
Emergency Physicians, P.A.	96.5%	95.7%	95.8%	-0.8%	0.1%	-0.7%	Consistent High Performance
Allina Health	97.3%	96.5%	95.5%	-0.8%	-1.0%	-1.8%	Consistent High Performance
Fairview Medical Group	93.8%	94.7%	94.3%	1.0%	-0.4%	0.6%	Consistent High Performance
Mayo Clinic Health System - St. James	79.1%	92.3%	100.0%	13.2%	7.7%	20.9%	Consistently Improved
North Clinic	94.3%	93.9%	100.0%	-0.3%	6.1%	5.7%	Variable Improvement
FirstLight Health System	96.9%	99.1%	100.0%	2.3%	0.9%	3.1%	Variable Improvement
Central Pediatrics	95.7%	97.2%	97.9%	1.6%	0.7%	2.2%	Variable Improvement
Suburban Emergency Associates	95.9%	93.7%	97.6%	-2.2%	3.9%	1.7%	Variable Improvement
Lakeview Clinic	86.7%	97.9%	96.6%	11.3%	-1.3%	9.9%	Variable Improvement
Winona Health Services	94.3%	96.8%	96.3%	2.4%	-0.5%	2.0%	Variable Improvement
Hutchinson Health	97.5%	92.6%	96.1%	-4.9%	3.5%	-1.4%	Variable Improvement
Family Practice Medical Center of Willmar	93.0%	96.0%	95.7%	3.0%	-0.3%	2.7%	Variable Improvement
Tri-County Health Care	81.9%	82.9%	94.2%	0.9%	11.3%	12.3%	Variable Improvement
Northwest Family Physicians	80.0%	94.9%	94.1%	14.9%	-0.7%	14.1%	Variable Improvement
Lakewood Health System	85.0%	92.0%	93.9%	7.0%	1.9%	9.0%	Variable Improvement
Glencoe Regional Health Services	90.4%	97.1%	93.8%	6.7%	-3.4%	3.4%	Variable Improvement
Target Clinic	88.8%	96.4%	93.6%	7.6%	-2.8%	4.8%	Variable Improvement
Unity Family Healthcare - Avon	84.9%	93.4%	93.5%	8.6%	0.1%	8.6%	Variable Improvement
Mille Lacs Health System	89.8%	95.0%	92.9%	5.2%	-2.1%	3.1%	Variable Improvement
Grand Itasca Clinic	86.8%	83.6%	90.3%	-3.3%	6.7%	3.4%	Variable Improvement
Cuyuna Regional Medical Center	77.6%	93.5%	90.2%	15.8%	-3.3%	12.6%	Variable Improvement
Mayo Clinic Health System - New Prague	84.9%	89.4%	90.0%	4.5%	0.6%	5.2%	Variable Improvement
Avera Medical Group- McGreevy, United Ctr, Worthington	74.1%	90.1%	90.0%	16.1%	-0.1%	16.0%	Variable Improvement
St. Luke's Clinics	89.1%	93.7%	89.6%	4.6%	-4.2%	0.5%	Variable Improvement
Altru Health System	76.0%	88.4%	89.4%	12.4%	1.0%	13.5%	Variable Improvement
Mayo Clinic Health System - Waseca	76.3%	93.8%	87.8%	17.4%	-6.0%	11.5%	Variable Improvement
Mayo Clinic Health System - Fairmont	81.7%	86.6%	85.2%	4.9%	-1.4%	3.5%	Variable Improvement
Apple Valley Medical Clinic	71.7%	84.7%	75.6%	13.0%	-9.1%	3.9%	Variable Improvement
United Hospital District Clinic	66.1%	81.1%	75.0%	15.0%	-6.1%	8.9%	Variable Improvement
Cedar Riverside People's Center	100.0%	98.0%	100.0%	-2.0%	2.0%	0.0%	Relatively Stable
Pediatric Services - Children's Physician Network	100.0%	98.7%	98.6%	-1.3%	-0.2%	-1.4%	Relatively Stable
NorthPoint Health & Wellness Center	97.8%	98.9%	97.8%	1.1%	-1.1%	0.0%	Relatively Stable
North Memorial	94.6%	95.1%	95.5%	0.5%	0.4%	0.9%	Relatively Stable

Table 29: Appropriate Treatment for Children with URI – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Pediatric & Young Adult Medicine	93.3%	95.1%	94.9%	1.8%	-0.3%	1.5%	Relatively Stable
CentraCare Health	94.0%	95.3%	94.5%	1.3%	-0.8%	0.5%	Relatively Stable
Affiliated Community Medical Centers	92.9%	91.9%	91.9%	-1.0%	0.0%	-1.0%	Relatively Stable
Sanford Health - Fargo Region	89.9%	90.8%	91.3%	0.8%	0.6%	1.4%	Relatively Stable
Mayo Clinic Health System - Albert Lea and Austin	90.6%	89.8%	91.1%	-0.8%	1.3%	0.5%	Relatively Stable
Riverwood Healthcare Center	90.2%	88.7%	90.7%	-1.5%	2.0%	0.5%	Relatively Stable
Mankato Clinic, Ltd.	89.5%	87.9%	89.9%	-1.5%	2.0%	0.5%	Relatively Stable
Sanford Health - Sioux Falls Region	83.7%	83.4%	84.7%	-0.3%	1.3%	1.0%	Relatively Stable
Mayo Clinic Health System - Red Wing	81.4%	83.3%	83.2%	1.9%	-0.2%	1.8%	Relatively Stable
Priority Pediatrics Urgent Care	100.0%	94.2%	97.9%	-5.8%	3.6%	-2.1%	Variable Decline
Wayzata Children's Clinic	100.0%	98.3%	96.8%	-1.7%	-1.5%	-3.2%	Variable Decline
Gateway Family Health Clinic	100.0%	100.0%	96.8%	0.0%	-3.2%	-3.2%	Variable Decline
Fridley Children's & Teenagers' Medical Center	98.9%	97.5%	96.5%	-1.4%	-1.0%	-2.4%	Variable Decline
Neighborhood Healthsource	98.4%	98.3%	95.8%	-0.1%	-2.5%	-2.6%	Variable Decline
All About Children Pediatrics - Children's Health Network	97.6%	94.1%	95.7%	-3.5%	1.5%	-2.0%	Variable Decline
Mayo Clinic	97.0%	94.5%	94.7%	-2.5%	0.2%	-2.3%	Variable Decline
Children's Health Care	96.3%	95.7%	94.2%	-0.6%	-1.4%	-2.1%	Variable Decline
Community University Health Care Center	100.0%	100.0%	94.1%	0.0%	-5.9%	-5.9%	Variable Decline
Southdale Pediatric Associates, Ltd	96.4%	94.8%	91.7%	-1.6%	-3.1%	-4.7%	Variable Decline
Northfield Hospital + Clinics	92.7%	94.9%	90.0%	2.2%	-4.9%	-2.7%	Variable Decline
Fairview Mesaba Clinics	93.9%	92.1%	89.9%	-1.8%	-2.2%	-4.0%	Variable Decline
Mayo Clinic Health System - Mankato	93.1%	89.6%	89.6%	-3.5%	0.0%	-3.6%	Variable Decline
Ridgeview Clinics	92.3%	92.7%	87.1%	0.4%	-5.6%	-5.2%	Variable Decline
Multicare Associates	89.6%	89.2%	85.9%	-0.4%	-3.3%	-3.7%	Variable Decline
Olmsted Medical Center	88.7%	88.4%	85.1%	-0.3%	-3.3%	-3.6%	Variable Decline
Mayo Clinic Health System-Owatonna	89.2%	90.0%	78.6%	0.8%	-11.4%	-10.6%	Variable Decline
Alexandria Clinic	85.3%	67.8%	77.8%	-17.5%	10.0%	-7.5%	Variable Decline
Avera Medical Group - Pipestone	72.1%	85.4%	66.7%	13.3%	-18.8%	-5.4%	Variable Decline
Express Healthcare	100.0%	97.7%	93.9%	-2.3%	-3.7%	-6.1%	Consistently Declined
Entira Family Clinics (formerly Family Health Services MN)	92.4%	90.3%	87.6%	-2.2%	-2.7%	-4.8%	Consistently Declined
Stevens Community Medical Center	90.6%	78.4%	72.7%	-12.3%	-5.7%	-17.9%	Consistently Declined
RiverView Health	87.3%	73.5%	55.0%	-13.9%	-18.5%	-32.3%	Consistently Declined

Table 30: Breast Cancer Screening – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Alexandria Clinic	75.9%	82.4%	84.6%	6.5%	2.1%	8.7%	Consistent High Performance
HealthPartners Clinics	78.2%	81.8%	78.2%	3.6%	-3.6%	0.0%	Consistent High Performance
Mayo Clinic Health System-Owatonna	76.4%	77.0%	77.6%	0.5%	0.6%	1.1%	Consistent High Performance
Mayo Clinic	76.1%	71.8%	75.5%	-4.4%	3.7%	-0.6%	Consistent High Performance
Allina Health	71.9%	69.6%	74.2%	-2.4%	4.6%	2.3%	Consistent High Performance
Multicare Associates	63.0%	66.3%	80.4%	3.3%	14.1%	17.4%	Consistently Improved
Tri-County Health Care	76.7%	71.4%	79.2%	-5.2%	7.8%	2.6%	Consistently Improved
Stellis Health, PA	67.4%	73.0%	78.2%	5.5%	5.2%	10.8%	Consistently Improved
NorthPoint Health & Wellness Center	64.7%	68.2%	76.8%	3.6%	8.5%	12.1%	Consistently Improved
Mayo Clinic Health System - Mankato	70.8%	71.8%	75.6%	1.0%	3.8%	4.8%	Consistently Improved
Glenwood Medical Center	62.2%	60.5%	73.3%	-1.7%	12.8%	11.1%	Consistently Improved
Scenic Rivers Health Services	62.8%	64.7%	72.2%	1.9%	7.5%	9.4%	Consistently Improved
Unity Family Healthcare - Avon	60.3%	57.1%	72.0%	-3.1%	14.8%	11.7%	Consistently Improved
Fairview Medical Group	66.4%	66.7%	71.1%	0.3%	4.5%	4.7%	Consistently Improved
Mille Lacs Health System	61.0%	58.7%	71.0%	-2.3%	12.3%	10.0%	Consistently Improved
Sanford Health - Fargo Region	66.8%	66.2%	70.8%	-0.6%	4.6%	4.0%	Consistently Improved
HealthEast Clinics	65.9%	65.2%	70.2%	-0.7%	5.1%	4.3%	Consistently Improved
Altru Health System	47.7%	56.0%	70.2%	8.3%	14.2%	22.5%	Consistently Improved
Neighborhood Healthsource	59.3%	61.0%	68.9%	1.7%	7.8%	9.6%	Consistently Improved
CentraCare Health	65.4%	65.4%	68.5%	0.1%	3.0%	3.1%	Consistently Improved
Lake Region Healthcare	47.1%	52.2%	68.1%	5.1%	15.9%	21.0%	Consistently Improved
Lakewood Health System	57.1%	59.2%	65.4%	2.0%	6.2%	8.2%	Consistently Improved
United Family Medicine	58.9%	57.4%	63.0%	-1.4%	5.6%	4.2%	Consistently Improved
St. Luke's Clinics	50.9%	51.8%	55.0%	0.9%	3.2%	4.1%	Consistently Improved
Mayo Clinic Health System - Red Wing	72.0%	69.6%	73.9%	-2.4%	4.3%	1.9%	Variable Improvement
Affiliated Community Medical Centers	72.5%	68.7%	72.3%	-3.8%	3.6%	-0.2%	Variable Improvement
Cuyuna Regional Medical Center	63.6%	68.0%	69.7%	4.3%	1.7%	6.1%	Variable Improvement
Park Nicollet Health Services	64.6%	66.3%	67.4%	1.7%	1.0%	2.8%	Variable Improvement
North Clinic	65.5%	63.1%	66.0%	-2.4%	3.0%	0.5%	Variable Improvement
Apple Valley Medical Clinic	49.2%	61.8%	60.5%	12.5%	-1.3%	11.2%	Variable Improvement
University of Minnesota Physicians	51.5%	58.6%	55.4%	7.2%	-3.3%	3.9%	Variable Improvement
Entira Family Clinics (formerly Family Health Services MN)	49.6%	50.2%	52.2%	0.7%	2.0%	2.7%	Variable Improvement
Sanford Health - Sioux Falls Region	69.4%	70.2%	69.6%	0.8%	-0.6%	0.2%	Relatively Stable
North Memorial	60.6%	61.1%	60.1%	0.6%	-1.0%	-0.4%	Relatively Stable
Mankato Clinic, Ltd.	69.2%	75.0%	71.0%	5.8%	-4.0%	1.8%	Variable Decline
Hutchinson Health	70.0%	68.3%	67.8%	-1.8%	-0.4%	-2.2%	Variable Decline
FirstLight Health System	65.5%	67.5%	64.5%	2.0%	-3.0%	-1.0%	Variable Decline
Avera Medical Group- McGreevy Clinic, United, Worthington	63.1%	72.1%	62.2%	9.0%	-9.8%	-0.9%	Variable Decline
Northwest Family Physicians	64.5%	53.6%	59.5%	-10.8%	5.9%	-5.0%	Variable Decline
Grand Itasca Clinic	64.4%	59.0%	57.5%	-5.4%	-1.5%	-6.9%	Variable Decline
West Side Community Health Services	58.4%	60.6%	56.9%	2.2%	-3.7%	-1.5%	Variable Decline
Winona Health Services	51.7%	61.9%	50.0%	10.2%	-11.9%	-1.7%	Variable Decline
Cedar Riverside People's Center	30.0%	27.9%	26.2%	-2.0%	-1.8%	-3.8%	Variable Decline
Mayo Clinic Health System - Fairmont	78.2%	74.7%	69.9%	-3.4%	-4.9%	-8.3%	Consistently Declined
Mayo Clinic Health System - Albert Lea and Austin	70.9%	75.5%	67.0%	4.6%	-8.5%	-3.9%	Consistently Declined
Hennepin County Medical Center (HCMC) Clinics	70.4%	66.7%	64.4%	-3.7%	-2.3%	-6.0%	Consistently Declined
Olmsted Medical Center	73.8%	67.7%	63.7%	-6.2%	-4.0%	-10.1%	Consistently Declined
Mayo Clinic HS - Franciscan Healthcare in La Crosse	81.6%	77.8%	61.8%	-3.8%	-16.0%	-19.8%	Consistently Declined
Family Practice Medical Center of Willmar	77.3%	63.0%	59.6%	-14.2%	-3.5%	-17.7%	Consistently Declined
Fairview Mesaba Clinics	67.3%	65.4%	58.2%	-1.9%	-7.2%	-9.1%	Consistently Declined
Lakeview Clinic	65.3%	65.6%	57.0%	0.3%	-8.7%	-8.3%	Consistently Declined
Community University Health Care Center	67.8%	65.9%	52.6%	-1.9%	-13.3%	-15.2%	Consistently Declined
Ridgeview Clinics	52.3%	49.6%	47.5%	-2.7%	-2.1%	-4.8%	Consistently Declined
Advanced Medical Clinic	26.6%	21.6%	14.6%	-5.1%	-6.9%	-12.0%	Consistently Declined

Table 31: Optimal Asthma Control – Adults Ages 18-50 – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
HealthPartners Central Minnesota Clinics	70.6%	64.5%	68.9%	-6.1%	4.4%	-1.7%	Consistent High Performance
Fairview Health Services	58.0%	60.2%	61.9%	2.3%	1.6%	3.9%	Consistent High Performance
Children's Respiratory & Critical Care Specialists	67.6%	71.4%	56.0%	3.9%	-15.4%	-11.6%	Consistent High Performance
Allina Health Clinics	66.1%	62.5%	54.3%	-3.6%	-8.2%	-11.8%	Consistent High Performance
Park Nicollet Health Services	48.7%	54.7%	49.8%	6.0%	-4.9%	1.0%	Consistent High Performance
HealthPartners Clinics	49.5%	57.1%	48.1%	7.6%	-9.0%	-1.4%	Consistent High Performance
CentraCare Health	67.2%	64.1%	45.7%	-3.1%	-18.4%	-21.5%	Consistent High Performance
Sanford Health - Sioux Falls Region	28.2%	44.4%	49.5%	16.2%	5.0%	21.2%	Consistently Improved
Mayo Clinic	24.1%	33.7%	40.6%	9.7%	6.8%	16.5%	Consistently Improved
Sanford Health - Fargo Region	32.3%	35.2%	38.8%	3.0%	3.6%	6.5%	Consistently Improved
Southside Community Health Services	20.0%	27.0%	35.1%	7.0%	8.1%	15.1%	Consistently Improved
Cedar Riverside People's Center	8.1%	12.5%	27.4%	4.4%	14.9%	19.3%	Consistently Improved
Community University Health Care Center	0.0%	14.1%	17.7%	14.1%	3.6%	17.7%	Consistently Improved
Mankato Clinic, Ltd.	45.8%	62.8%	55.5%	17.0%	-7.3%	9.7%	Variable Improvement
Affiliated Community Medical Centers	48.0%	53.6%	47.0%	5.6%	-6.6%	-1.0%	Variable Improvement
Mayo Clinic Health System	44.3%	53.6%	45.0%	9.3%	-8.6%	0.7%	Variable Improvement
Lake Region Healthcare	19.6%	18.6%	42.7%	-1.0%	24.1%	23.1%	Variable Improvement
Grand Itasca Clinic	38.1%	47.9%	38.0%	9.8%	-9.9%	-0.1%	Variable Improvement
North Memorial	32.4%	37.3%	37.5%	4.9%	0.2%	5.1%	Variable Improvement
Riverwood Healthcare Center	0.0%	0.0%	33.6%	0.0%	33.6%	33.6%	Variable Improvement
Tri-County Health Care	0.0%	50.0%	28.2%	50.0%	-21.8%	28.2%	Variable Improvement
HealthEast Clinics	17.0%	14.1%	24.8%	-2.9%	10.8%	7.8%	Variable Improvement
Open Cities Health Center	19.6%	4.2%	18.3%	-15.4%	14.0%	-1.4%	Variable Improvement
Ridgeview Clinics	0.0%	0.0%	15.0%	0.0%	15.0%	15.0%	Variable Improvement
Neighborhood Healthsource	14.3%	5.9%	14.2%	-8.4%	8.3%	-0.1%	Variable Improvement
Gateway Family Health Clinic	0.0%	14.3%	7.7%	14.3%	-6.6%	7.7%	Variable Improvement
Avera Medical Group	2.2%	5.6%	7.1%	3.4%	1.5%	4.9%	Variable Improvement
Fairview Mesaba Clinics	34.0%	35.4%	33.7%	1.3%	-1.7%	-0.3%	Relatively Stable
NorthPoint Health & Wellness Center	15.5%	15.5%	14.1%	0.0%	-1.4%	-1.4%	Relatively Stable
Winona Health Services	3.3%	3.6%	2.8%	0.4%	-0.9%	-0.5%	Relatively Stable
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
FirstLight Health System	58.0%	45.7%	48.9%	-12.4%	3.3%	-9.1%	Variable Decline
Stillwater Medical Group	50.0%	71.1%	44.2%	21.1%	-27.0%	-5.8%	Variable Decline
Olmsted Medical Center	60.3%	59.4%	41.3%	-0.9%	-18.2%	-19.1%	Variable Decline
Allergy & Asthma Specialists, PA	49.4%	55.6%	40.6%	6.2%	-14.9%	-8.7%	Variable Decline
Hennepin County Medical Center (HCMC) Clinics	27.5%	29.4%	23.3%	1.9%	-6.1%	-4.2%	Variable Decline
Northwest Family Physicians	33.3%	39.4%	22.8%	6.1%	-16.6%	-10.6%	Variable Decline
University of Minnesota Physicians	33.9%	33.7%	21.5%	-0.2%	-12.2%	-12.5%	Variable Decline
Duluth Family Medicine Clinic	21.4%	24.6%	14.3%	3.2%	-10.3%	-7.1%	Variable Decline
West Side Community Health Services	19.0%	10.1%	11.7%	-8.9%	1.6%	-7.3%	Variable Decline
Unity Family Healthcare, Family Medical Center	1.1%	2.6%	0.0%	1.6%	-2.6%	-1.1%	Variable Decline
Allina Health Specialties	58.6%	55.0%	43.2%	-3.6%	-11.8%	-15.4%	Consistently Declined
United Family Medicine	44.2%	33.2%	13.3%	-11.0%	-19.9%	-30.9%	Consistently Declined
St. Luke's Clinics	24.5%	20.0%	12.2%	-4.5%	-7.8%	-12.2%	Consistently Declined

Table 32: Optimal Asthma Control – Children Ages 5-17 – Rate Changes for Reporting Years 2015 to 2017

Medical Group Name	2015 MHCP Rate	2016 MHCP Rate	2017 MHCP Rate	Change (2016-2015)	Change (2017-2016)	Change (2017-2015)	Change Pattern (2015-2017)
Advancements in Allergy and Asthma Care	87.5%	83.7%	92.1%	-3.8%	8.4%	4.6%	Consistent High Improvement
Wayzata Children's Clinic	76.5%	86.7%	76.9%	10.2%	-9.8%	0.4%	Consistent High Improvement
South Lake Pediatrics	86.8%	83.2%	75.7%	-3.6%	-7.6%	-11.1%	Consistent High Improvement
HealthPartners Central Minnesota Clinics	67.8%	70.3%	73.6%	2.5%	3.3%	5.8%	Consistent High Improvement
CentraCare Health	79.7%	78.6%	68.0%	-1.1%	-10.5%	-11.7%	Consistent High Improvement
Fairview Health Services	65.3%	65.7%	65.3%	0.4%	-0.4%	0.0%	Consistent High Improvement
Affiliated Community Medical Centers	62.5%	67.0%	65.0%	4.5%	-1.9%	2.5%	Consistent High Improvement
Children's Respiratory & Critical Care Specialists	61.2%	69.4%	61.5%	8.2%	-7.9%	0.3%	Consistent High Improvement
Mankato Clinic, Ltd.	76.9%	69.8%	60.6%	-7.1%	-9.3%	-16.3%	Consistent High Improvement
Hennepin County Medical Center (HCMC) Clinics	57.5%	68.1%	60.2%	10.6%	-7.9%	2.7%	Consistent High Improvement
Park Nicollet Health Services	60.3%	65.2%	58.2%	4.9%	-7.0%	-2.1%	Consistent High Improvement
Allina Health Clinics	68.2%	62.3%	57.8%	-5.9%	-4.5%	-10.4%	Consistent High Improvement
Mayo Clinic Health System	58.8%	64.9%	57.5%	6.0%	-7.3%	-1.3%	Consistent High Improvement
HealthPartners Clinics	63.5%	66.3%	57.5%	2.8%	-8.8%	-6.0%	Consistent High Improvement
Olmsted Medical Center	78.4%	72.7%	44.1%	-5.7%	-28.6%	-34.3%	Consistent High Improvement
Sanford Health - Sioux Falls Region	46.2%	54.9%	64.1%	8.7%	9.1%	17.8%	Consistently Improved
Sanford Health - Fargo Region	44.1%	50.4%	52.7%	6.3%	2.3%	8.6%	Consistently Improved
Allergy, Asthma & Immunology Clinic	50.0%	70.9%	70.7%	20.9%	-0.2%	20.7%	Variable Improvement
Mayo Clinic	56.0%	64.9%	61.7%	8.9%	-3.1%	5.8%	Variable Improvement
North Memorial	30.8%	38.7%	39.3%	7.9%	0.6%	8.5%	Variable Improvement
HealthEast Clinics	23.1%	37.0%	38.9%	13.9%	1.9%	15.8%	Variable Improvement
Community University Health Care Center	0.0%	37.0%	37.8%	37.0%	0.8%	37.8%	Variable Improvement
Riverwood Healthcare Center	0.0%	0.0%	30.4%	0.0%	30.4%	30.4%	Variable Improvement
Unity Family Healthcare, Family Medical Center	6.9%	30.0%	8.7%	23.1%	-21.3%	1.8%	Variable Improvement
Altru Health System	0.0%	0.0%	2.4%	0.0%	2.4%	2.4%	Variable Improvement
North Clinic	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Relatively Stable
Native American Community Clinic	57.7%	65.8%	55.0%	8.1%	-10.8%	-2.7%	Variable Decline
Allina Health Specialties	64.9%	73.2%	51.4%	8.4%	-21.8%	-13.5%	Variable Decline
Grand Itasca Clinic	62.9%	63.3%	44.7%	0.4%	-18.6%	-18.2%	Variable Decline
NorthPoint Health & Wellness Center	36.6%	37.3%	31.6%	0.7%	-5.7%	-4.9%	Variable Decline
Neighborhood Healthsource	25.0%	12.8%	16.9%	-12.2%	4.1%	-8.1%	Variable Decline
Winona Health Services	21.7%	15.3%	13.8%	-6.5%	-1.5%	-7.9%	Variable Decline
Avera Medical Group	4.6%	2.6%	2.3%	-2.0%	-0.3%	-2.3%	Variable Decline
Allergy & Asthma Specialists, PA	69.4%	65.4%	56.7%	-4.0%	-8.7%	-12.7%	Consistently Declined
University of Minnesota Physicians	43.0%	40.3%	24.6%	-2.8%	-15.7%	-18.4%	Consistently Declined
West Side Community Health Services	36.9%	33.0%	23.0%	-3.9%	-10.0%	-13.9%	Consistently Declined
St. Luke's Clinics	32.0%	22.7%	19.1%	-9.3%	-3.6%	-13.0%	Consistently Declined
United Family Medicine	28.4%	21.5%	16.5%	-6.8%	-5.1%	-11.9%	Consistently Declined
Open Cities Health Center	31.3%	15.6%	12.8%	-15.7%	-2.8%	-18.5%	Consistently Declined

Appendix 5: Purchaser Performance Rate Differences

Statistical Methods of Analysis of Purchaser Performance Rate Differences

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

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

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

Childhood Immunization Status (Combo 10)

Ten 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 23 percentage points and is statistically significant. This means that the Childhood Immunization medical group rate for MHCP patients (39 percent) was significantly lower than that of Other Purchasers (61 percent).

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

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Childhood Immunization measure, three medical groups had a gap between purchasers that was significantly different than the gap for the statewide rate and the gap was larger for two medical groups. However, for one medical group, the gap was significantly smaller. (See Table 33, Column 6)

There were no medical groups that had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 33 summarizes these findings.

Table 33: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Childhood Immunization Status (Combo 10)

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	**38.7%**	**61.2%**	**22.5%**	**Y**	
Allina Health	**46.7%**	**68.0%**	**21.3%**	**Y**	.
CentraCare Health	**52.7%**	**64.6%**	**11.9%**	.	.
Children's Clinic Network	**18.9%**	**75.6%**	**56.7%**	**Y**	>
Essentia Health	**31.0%**	**65.0%**	**34.0%**	**Y**	.
Fairview Medical Group	**21.1%**	**59.0%**	**37.9%**	**Y**	>
HealthEast Clinics	**58.8%**	**61.1%**	**2.3%**	.	<
HealthPartners Clinics	**55.8%**	**75.0%**	**19.2%**	**Y**	.
Park Nicollet Health Services	**31.4%**	**64.5%**	**33.1%**	**Y**	.
Sanford Health - Fargo Region	**25.5%**	**38.0%**	**12.5%**	**Y**	.
Sanford Health - Sioux Falls Region	**55.8%**	**77.7%**	**22.0%**	**Y**	.

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

Controlling High Blood Pressure

Fifteen medical groups met the minimum reporting requirement of at least 60 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was six percentage points and is statistically significant. This means that the Controlling High Blood Pressure medical group rate for MHCP patients (72 percent) was significantly lower than that of Other Purchasers (78 percent).

Of the 15 medical groups, ten of them had rates for MHCP patients that were lower than Other Purchasers; four of these medical groups' rate differences were statistically significant. (See Table 34, Column 5) Five medical groups had higher rates for MHCP patients than Other Purchasers and this was statistically significant for two medical groups (See Column 4).

We also assessed whether the gap between purchasers at a medical group level was significantly different than the gap found at the statewide level. For the Controlling High Blood Pressure measure, three medical groups had a purchaser gap that was significantly different than the statewide gap. Three medical groups had a gap that was larger than the statewide gap (See Column 6).

There were no medical groups that had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 34 summarizes these findings.

Table 34: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Controlling High Blood Pressure

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	72.4%	78.2%	5.8%	Y	
Affiliated Community Medical Centers	80.4%	86.5%	6.1%	.	.
Allina Health	77.5%	81.4%	3.9%	.	.
Altru Health System	79.5%	72.4%	-7.1%	.	.
CentraCare Health	84.8%	74.0%	-10.8%	Y	>
Entira Family Clinics (formerly Family Health Services MN)	87.2%	85.3%	-1.9%	.	.
Essentia Health	78.5%	83.7%	5.2%	Y	.
Fairview Medical Group	75.2%	83.0%	7.8%	Y	.
HealthEast Clinics	73.8%	76.5%	2.6%	.	.
HealthPartners Clinics	78.6%	79.8%	1.1%	.	.
Mankato Clinic, Ltd.	64.9%	84.5%	19.6%	Y	>
North Memorial	74.3%	74.2%	-0.1%	.	.
Park Nicollet Health Services	74.3%	83.8%	9.5%	Y	.
Sanford Health - Fargo Region	81.9%	71.1%	-10.8%	Y	>
Sanford Health - Sioux Falls Region	73.5%	79.6%	6.2%	.	.
St. Luke's Clinics	77.9%	85.6%	7.7%	.	.

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

Colorectal Cancer Screening

Five hundred and thirty-one clinics met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is 19 percentage points and is statistically significant. This means the Colorectal Cancer Screening statewide rate for MHCP patients (56 percent) was significantly lower than that of Other Purchasers (75 percent).

Of those 531 clinics, five hundred and thirteen clinics had rates for MHCP patients that were lower than Other Purchasers, of these 408 clinics had statistically significant differences. Eighteen clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 35, Column 4); however, none 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, 141 clinics had purchaser gaps that were significantly different than the statewide gap. Twelve clinics had a gap significantly larger than the statewide gap, and 129 clinics had a rate significantly smaller than the statewide gap. Seventeen of those 129 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **eleven clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 35 summarizes these findings.

- **Cromwell Medical Clinic, PLLC**
- **EH Central Crosslake Clinic**
- **HCMC Clinics - Golden Valley Clinic**
- **Mayo Clinic Health System New Richland**
- **Mille Lacs Health System - Hillman**
- **Obstetrics, Gynecology and Infertility - Edina**
- **Sanford Canby Clinic**
- **Sanford Hawley Clinic**
- **Sanford Health Ipswich Clinic**
- **Scenic Rivers Health Services - Floodwood**
- **Tri-County Health Care - Bertha Clinic**

Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
AALFA Family Clinic-MHN	56.0%	73.4%	17.4%	Y	.
Affiliated Community Medical Centers - Granite Falls Clinic	33.2%	64.8%	31.6%	Y	>
Affiliated Community Medical Centers - Litchfield Clinic (East)	56.0%	72.4%	16.4%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	53.9%	68.2%	14.3%	Y	.
Affiliated Community Medical Centers - New London Clinic	55.0%	74.1%	19.1%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	58.3%	72.3%	14.0%	Y	.
Affiliated Community Medical Centers - Willmar Clinic	57.6%	80.1%	22.5%	Y	>
Affiliated Community Medical Centers- Marshall Clinic	54.5%	74.4%	19.8%	Y	.
Alexandria Clinic, A Service of Douglas County Hospital	64.4%	77.5%	13.1%	Y	<
Allina Health - Annandale	61.2%	75.0%	13.8%	Y	.
Allina Health - Bandana Square	62.9%	79.1%	16.3%	Y	.
Allina Health - Blaine	65.4%	80.9%	15.5%	Y	.
Allina Health - Bloomington	61.1%	77.7%	16.6%	Y	.
Allina Health - Brooklyn Park	66.8%	79.9%	13.0%	Y	.
Allina Health - Buffalo	75.1%	82.0%	7.0%	Y	<
Allina Health - Burnsville	67.3%	76.0%	8.8%	Y	<
Allina Health - Cambridge	63.6%	78.2%	14.7%	Y	<
Allina Health - Centennial Lakes	71.5%	82.4%	10.9%	Y	<
Allina Health - Champlin	68.1%	80.3%	12.3%	Y	<
Allina Health - Chanhassen	77.2%	82.8%	5.6%	.	<
Allina Health - Chaska	67.1%	80.9%	13.8%	Y	.
Allina Health - Cokato	68.4%	75.9%	7.5%	.	.
Allina Health - Coon Rapids	60.8%	77.0%	16.2%	Y	.
Allina Health - Cottage Grove	55.7%	72.7%	17.0%	Y	.
Allina Health - Dean Lakes	59.4%	76.4%	17.0%	Y	.
Allina Health - Eagan	72.4%	81.3%	8.9%	Y	<
Allina Health - East Lake Street	57.5%	75.2%	17.6%	Y	.
Allina Health - Edina	69.1%	83.5%	14.4%	Y	.
Allina Health - Edina Family Physicians	49.8%	63.5%	13.6%	Y	.
Allina Health - Elk River	59.3%	77.1%	17.8%	Y	.
Allina Health - Faribault	60.6%	80.6%	20.1%	Y	.
Allina Health - Farmington	67.4%	77.5%	10.1%	Y	.
Allina Health - First Street	59.9%	78.1%	18.2%	Y	.
Allina Health - Forest Lake	69.2%	81.9%	12.6%	Y	.
Allina Health - Fridley	54.2%	73.3%	19.1%	Y	.
Allina Health - Highland Park	62.6%	78.7%	16.1%	Y	.
Allina Health - Hopkins	64.7%	76.3%	11.6%	Y	.
Allina Health - Inver Grove Heights	56.4%	75.7%	19.3%	Y	.
Allina Health - Isles	65.2%	82.8%	17.6%	Y	.
Allina Health - Lakeville	60.5%	78.5%	18.0%	Y	.
Allina Health - Maple Grove	63.7%	79.3%	15.6%	Y	.
Allina Health - Maplewood	58.0%	73.8%	15.8%	Y	.
Allina Health - Nicollet Mall	66.8%	80.7%	13.9%	Y	.
Allina Health - Northfield	62.8%	77.8%	15.1%	Y	.
Allina Health - Oakdale Clinic	48.1%	74.6%	26.5%	Y	.
Allina Health - Plymouth	69.6%	81.3%	11.7%	Y	<
Allina Health - Prescott	38.5%	72.4%	34.0%	Y	.
Allina Health - Ramsey	64.5%	77.7%	13.1%	Y	.
Allina Health - Richfield	68.3%	83.8%	15.5%	Y	.
Allina Health - Savage	63.6%	81.1%	17.4%	Y	.
Allina Health - Shakopee	61.4%	76.7%	15.3%	Y	.
Allina Health - Sharpe Dillon Cockson & Associates	76.9%	86.2%	9.3%	.	.
Allina Health - Shoreview	67.4%	82.0%	14.7%	Y	.
Allina Health - St. Michael	64.4%	75.3%	10.9%	Y	.
Allina Health - United Medical Specialties	63.5%	81.3%	17.8%	Y	.

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

Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Allina Health - Uptown	70.6%	83.5%	12.9%	Y	.
Allina Health - Vadnais Heights	69.7%	81.0%	11.3%	Y	.
Allina Health - West St. Paul	62.9%	74.7%	11.8%	Y	<
Allina Health - Women's Health Consultants - Mpls	34.1%	69.6%	35.5%	Y	>
Allina Health - Woodbury	57.9%	76.8%	18.9%	Y	.
Allina Health Specialties - ANGMA - Edina	77.2%	85.3%	8.1%	Y	<
Allina Health Specialties - ANGMA- Mpls	40.3%	59.3%	19.0%	Y	.
Allina Health Specialties - Courage Kenny Rehab - Golden Valley	47.6%	62.4%	14.8%	Y	.
Allina Health Specialties - New Ulm Medical Center	63.0%	78.6%	15.7%	Y	.
Altru Health System - Crookston	49.4%	69.8%	20.4%	Y	.
Altru Health System - Erskine	53.1%	63.0%	9.8%	.	.
Altru Health System - Family Medicine Center	57.7%	75.7%	18.0%	Y	.
Altru Health System - Grand Forks Family Medicine Residency	50.5%	69.7%	19.2%	Y	.
Altru Health System - Lake Region	41.7%	62.3%	20.6%	Y	.
Altru Health System - Main	49.0%	72.5%	23.5%	Y	.
Altru Health System - Professional Center	54.4%	75.9%	21.6%	Y	.
Altru Health System - Red Lake Falls	42.4%	69.1%	26.7%	Y	.
Altru Health System - Roseau	57.7%	74.2%	16.4%	Y	.
Altru Health System - Warroad	60.2%	71.8%	11.6%	Y	.
Apple Valley Medical Clinic - Family Practice	36.1%	57.2%	21.1%	Y	.
Associates In Women's Health - Edina	76.2%	88.0%	11.8%	Y	.
Avera - Pipestone County Medical Center	64.5%	74.6%	10.2%	Y	<
Avera Medical Group - Marshall	58.8%	70.3%	11.5%	Y	.
Avera Medical Group - Windom	56.7%	75.2%	18.5%	Y	.
Avera Medical Group - Worthington	56.1%	69.8%	13.7%	Y	.
AXIS Medical Center	1.1%	0.8%	-0.3%	.	<
Burnsville Family Physicians	60.6%	76.0%	15.5%	Y	.
Cedar Riverside People's Center - People's Center Medical Clinic	14.1%	26.2%	12.1%	Y	.
CentraCare Clinic - Becker	66.7%	77.0%	10.4%	.	.
CentraCare Clinic - Northway	70.0%	84.5%	14.5%	Y	.
CentraCare Clinic - St. Joseph	73.5%	79.3%	5.8%	.	<
CentraCare Clinic- Big Lake	68.4%	76.5%	8.1%	.	.
Centracare Clinic-Albany	69.1%	72.2%	3.1%	.	<
Centracare Clinic-SCMG Clearwater Medical Clinic	50.0%	54.8%	4.8%	.	<
Centracare Clinic-SCMG Cold Spring Medical Clinic	42.2%	74.0%	31.8%	Y	.
Centracare Clinic-SCMG Northwest	52.2%	73.1%	20.9%	Y	.
Centracare Clinic-SCMG St. Cloud Medical Group â€“ South	47.8%	75.3%	27.5%	Y	>
CentraCare Health- Family Health Center	46.5%	65.1%	18.6%	Y	.
CentraCare Health- Long Prairie	78.4%	79.7%	1.3%	.	<
CentraCare Health- Melrose	57.7%	84.1%	26.5%	Y	.
CentraCare Health- Monticello Medical Group	70.0%	75.0%	5.0%	.	<
CentraCare Health- Paynesville Clinic	60.9%	75.5%	14.6%	Y	.
CentraCare Health Paynesville- Cold Spring	67.9%	83.2%	15.3%	Y	.
CentraCare Health Paynesville- Richmond	71.8%	77.0%	5.1%	.	<
CentraCare Health Plaza-Family Medicine	59.0%	81.9%	22.9%	Y	.
CentraCare Health Plaza-Internal Medicine	79.7%	93.0%	13.3%	Y	.
CentraCare Health Plaza-Obstetrics and Women's Clinic	77.5%	84.9%	7.4%	.	.
CentraCare Health- Sauk Centre	74.6%	78.8%	4.2%	.	<
CentraCare River Campus-Internal Medicine	72.4%	88.5%	16.1%	Y	.
Chippewa County Montevideo Hospital & Medical Clinic	56.0%	71.1%	15.1%	Y	.
Community-University Health Care Center	38.9%	49.1%	10.2%	Y	<
Cromwell Medical Clinic, PLLC	62.2%	62.1%	-0.1%	.	<
Cuyuna Regional Medical Center - Baxter	62.3%	72.5%	10.2%	Y	.
Cuyuna Regional Medical Center-Clinic Services	58.9%	72.3%	13.4%	Y	<
Cuyuna Regional Medical Center-Longville	46.5%	59.4%	12.9%	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 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Diamond Women's Center	74.1%	81.4%	7.3%	Y	<
Duluth Family Medicine Clinic	54.2%	62.0%	7.7%	Y	<
Edina Sports + Family Medicine	69.4%	78.9%	9.6%	.	.
EH Central Baxter Clinic	66.1%	78.6%	12.5%	Y	<
EH Central Brainerd Clinic	64.3%	80.2%	15.9%	Y	.
EH Central Crosslake Clinic	71.2%	70.3%	-0.9%	.	<
EH Central Hackensack Clinic	51.4%	51.2%	-0.2%	.	<
EH Central Pequot Lakes Clinic	44.4%	63.5%	19.1%	Y	.
EH Central Pillager Clinic	68.2%	82.2%	14.1%	Y	.
EH Central Pine River Clinic	52.4%	66.4%	14.0%	Y	.
EH East Ashland Clinic	50.0%	72.9%	22.9%	Y	.
EH East Chisholm Clinic	48.9%	71.7%	22.8%	Y	.
EH East Deer River Clinic	72.7%	84.5%	11.8%	Y	<
EH East Duluth Clinic 1st St	65.5%	81.2%	15.8%	Y	.
EH East Ely Clinic	60.8%	70.3%	9.5%	Y	<
EH East Grand Rapids Clinic	67.8%	75.2%	7.4%	.	.
EH East Hayward Clinic	62.5%	74.7%	12.2%	Y	.
EH East Hermantown Clinic	63.7%	78.6%	15.0%	Y	.
EH East Hibbing Clinic	59.2%	72.0%	12.8%	Y	.
EH East International Falls Clinic	51.8%	64.2%	12.4%	Y	.
EH East Lakeside Clinic	67.3%	76.3%	9.0%	Y	<
EH East Lakewalk Clinic	60.6%	78.3%	17.7%	Y	.
EH East Northern Pines Clinic	64.9%	76.8%	11.8%	Y	.
EH East Proctor Clinic	59.1%	72.8%	13.7%	Y	.
EH East Spooner Clinic	62.1%	73.6%	11.5%	Y	.
EH East Superior Clinic	59.6%	74.8%	15.1%	Y	.
EH East Virginia Clinic	60.2%	71.7%	11.5%	Y	<
EH East West Duluth Clinic	60.2%	78.3%	18.1%	Y	.
EH West Ada Clinic	51.3%	63.2%	11.9%	Y	.
EH West Bagely Clinic	46.9%	60.3%	13.4%	.	.
EH West Detroit Lakes Clinic	64.1%	77.1%	13.0%	Y	<
EH West Fosston Clinic	51.8%	64.6%	12.8%	Y	.
EH West Graceville Clinic	58.1%	70.6%	12.6%	.	.
EH West Menahga Clinic	57.4%	63.6%	6.3%	.	.
EH West Moorhead	63.3%	79.6%	16.3%	Y	.
EH West Park Rapids Clinic	55.6%	68.8%	13.2%	Y	.
EH West South University Clinic	61.7%	80.1%	18.4%	Y	.
EH West Wahpeton Clinic	52.8%	79.5%	26.7%	Y	.
EH West Walker Clinic	62.4%	76.6%	14.2%	Y	.
EH West West Acres Clinic	56.8%	69.0%	12.2%	.	.
Entira Family Clinics - Como/Roseville	56.8%	72.8%	16.0%	Y	.
Entira Family Clinics - East Side	43.7%	65.0%	21.3%	Y	.
Entira Family Clinics - Highland	64.6%	78.3%	13.7%	Y	.
Entira Family Clinics - Inver Grove Heights	57.5%	74.1%	16.6%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	43.8%	75.4%	31.6%	Y	>
Entira Family Clinics - North St. Paul	56.9%	72.6%	15.8%	Y	.
Entira Family Clinics - Shoreview	45.9%	71.4%	25.5%	Y	.
Entira Family Clinics - Vadnais Heights	62.1%	74.5%	12.3%	Y	.
Entira Family Clinics - West St. Paul	52.7%	70.9%	18.2%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	49.3%	69.1%	19.8%	Y	.
Entira Family Clinics - White Bear Lake-Bellaire Avenue	65.6%	81.4%	15.8%	Y	.
Entira Family Clinics - Woodbury	50.6%	72.6%	22.1%	Y	.
Fairview Andover Clinic	72.5%	78.4%	5.9%	Y	<
Fairview Apple Valley Clinic	72.3%	81.1%	8.8%	Y	<
Fairview Bass Lake Clinic	66.7%	76.6%	9.9%	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 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Fairview Blaine Clinic	59.6%	72.9%	13.3%	Y	.
Fairview Bloomington Lake Minneapolis	55.6%	72.1%	16.5%	Y	.
Fairview Bloomington Lake Xerxes	64.8%	77.7%	12.8%	Y	.
Fairview Brooklyn Park Clinic	69.7%	77.2%	7.5%	Y	<
Fairview Burnsville Clinic	70.0%	84.0%	13.9%	Y	.
Fairview Chisago Lakes Clinic	62.7%	79.8%	17.1%	Y	.
Fairview Columbia Heights Clinic	65.2%	77.2%	12.0%	Y	<
Fairview Crosstown Clinic	73.6%	84.6%	11.0%	Y	<
Fairview Eagan Clinic	70.7%	82.3%	11.7%	Y	<
Fairview EdenCenter Clinic	65.9%	79.7%	13.8%	Y	.
Fairview Elk River Clinic	69.5%	79.3%	9.8%	Y	<
Fairview Farmington Clinic	72.7%	76.9%	4.2%	.	<
Fairview Fridley Clinic	68.5%	80.4%	11.9%	Y	<
Fairview Hiawatha Clinic	64.6%	76.0%	11.4%	Y	<
Fairview Highland Park Clinic	63.4%	77.9%	14.5%	Y	.
Fairview Hugo Clinic	68.6%	71.7%	3.1%	.	<
Fairview Lakes Medical Center	59.6%	74.6%	15.0%	Y	.
Fairview Lakeville Clinic	64.0%	80.1%	16.1%	Y	.
Fairview Lino Lakes Clinic	61.2%	74.3%	13.1%	Y	.
Fairview Milaca Clinic	66.2%	76.7%	10.6%	Y	<
Fairview New Brighton Clinic	68.8%	76.7%	7.9%	Y	<
Fairview North Branch Clinic	55.3%	67.9%	12.6%	Y	.
Fairview Oxboro Clinic	63.5%	80.1%	16.5%	Y	.
Fairview Pine City Clinic	53.4%	67.4%	14.0%	Y	.
Fairview Princeton Clinic	68.4%	79.5%	11.0%	Y	<
Fairview Prior Lake Clinic	75.2%	86.0%	10.8%	Y	.
Fairview Riverside Family Practice	60.9%	77.6%	16.7%	Y	.
Fairview Riverside Integrated Primary Care	69.3%	77.7%	8.3%	.	<
Fairview Rogers Clinic	76.6%	83.9%	7.3%	.	<
Fairview Rosemount Clinic	60.4%	83.0%	22.7%	Y	.
Fairview Rush City Clinic	66.2%	67.9%	1.8%	.	<
Fairview Savage Clinic	63.4%	74.9%	11.5%	Y	.
Fairview Uptown Clinic	72.6%	82.0%	9.3%	Y	<
Fairview Zimmerman Clinic	70.3%	77.5%	7.2%	.	<
Family Medical Center	55.7%	71.6%	15.9%	Y	.
Family Practice Medical Center of Willmar	44.4%	77.3%	32.8%	Y	>
FirstLight Health System - Hinckley	48.5%	63.9%	15.5%	Y	.
FirstLight Health System - Mora	54.9%	69.1%	14.3%	Y	.
FirstLight Health System - Pine City	52.1%	60.0%	7.9%	Y	<
France Avenue Family Physicians - MN Healthcare Network	52.5%	63.1%	10.6%	Y	.
Gateway Family Health Clinic - Hinckley	43.6%	49.6%	6.1%	.	.
Gateway Family Health Clinic - Moose Lake	55.6%	65.9%	10.3%	Y	<
Gateway Family Health Clinic - Sandstone	47.0%	59.2%	12.2%	Y	.
Glencoe Regional Health Services - Glencoe	51.9%	71.3%	19.4%	Y	.
Grand Itasca Clinic	55.6%	69.7%	14.1%	Y	<
Gundersen Health System - Harmony Clinic	56.4%	65.2%	8.9%	.	.
Gundersen Health System - La Crescent Clinic	67.1%	81.0%	13.9%	Y	.
Gundersen Health System - Spring Grove Clinic	41.7%	75.5%	33.8%	Y	.
HealthEast Cottage Grove Clinic	45.9%	68.7%	22.8%	Y	.
HealthEast Downtown St. Paul Clinic	49.6%	74.4%	24.8%	Y	.
HealthEast Grand Avenue Clinic	52.2%	72.4%	20.2%	Y	.
HealthEast Hugo Clinic	50.0%	66.8%	16.8%	Y	.
HealthEast Maplewood Clinic	45.3%	62.1%	16.9%	Y	.
HealthEast Midway Clinic	53.0%	78.5%	25.5%	Y	>
HealthEast Oakdale	44.8%	70.0%	25.2%	Y	.

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Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
HealthEast Rice Street Clinic	43.0%	58.9%	15.9%	Y	.
HealthEast Roselawn Clinic	38.9%	58.9%	20.0%	Y	.
HealthEast Roseville Clinic	38.9%	62.5%	23.7%	Y	.
HealthEast Stillwater Clinic	49.2%	65.2%	16.0%	Y	.
HealthEast Tamarack Clinic Woodbury	46.6%	68.7%	22.1%	Y	.
HealthEast Vadnais Heights Clinic	62.1%	74.9%	12.8%	Y	.
HealthEast Woodbury Clinic	50.8%	68.5%	17.7%	Y	.
HealthPartners - Andover	62.1%	77.2%	15.1%	Y	.
HealthPartners - Anoka	57.1%	74.6%	17.5%	Y	.
HealthPartners - Apple Valley	61.9%	74.2%	12.3%	Y	.
HealthPartners - Arden Hills	68.2%	83.0%	14.8%	Y	.
HealthPartners - Bloomington	57.9%	77.2%	19.3%	Y	.
HealthPartners - Brooklyn Center	64.1%	77.3%	13.3%	Y	.
HealthPartners - Como	52.5%	79.3%	26.8%	Y	>
HealthPartners - Coon Rapids	61.0%	76.7%	15.7%	Y	.
HealthPartners - Cottage Grove	46.8%	55.9%	9.1%	.	.
HealthPartners - Ctr for Internatl Hlth	77.1%	81.1%	4.0%	.	<
HealthPartners - Eagan	62.0%	74.7%	12.7%	Y	.
HealthPartners - Elk River	63.7%	77.1%	13.4%	Y	.
HealthPartners - Highland Park	62.3%	73.2%	10.9%	.	.
HealthPartners - Hlth Ctr for Women	71.1%	84.2%	13.1%	Y	.
HealthPartners - Hugo	58.1%	69.5%	11.5%	.	.
HealthPartners - Inver Grove Heights	63.8%	77.5%	13.7%	Y	.
HealthPartners - Lino Lakes	65.3%	76.6%	11.4%	Y	.
HealthPartners - Maplewood	62.5%	78.0%	15.5%	Y	.
HealthPartners - Midway	57.3%	70.7%	13.4%	Y	<
HealthPartners - Nokomis	56.1%	76.3%	20.2%	Y	.
HealthPartners - Riverside	47.2%	76.5%	29.2%	Y	>
HealthPartners - Roseville	61.0%	79.1%	18.1%	Y	.
HealthPartners - St Paul	59.6%	77.4%	17.8%	Y	.
HealthPartners - University Ave	70.9%	84.5%	13.5%	Y	.
HealthPartners - West	76.0%	79.1%	3.1%	.	<
HealthPartners - White Bear Lake	68.6%	80.7%	12.1%	Y	.
HealthPartners - Woodbury	57.8%	77.8%	20.0%	Y	.
HealthPartners Central Minnesota Clinics	56.2%	79.3%	23.1%	Y	.
Hendricks Clinic	46.3%	61.9%	15.6%	Y	.
HCMC Clinics - Brooklyn Center Clinic	55.4%	59.0%	3.5%	.	<
HCMC Clinics - Brooklyn Park Clinic	52.3%	60.9%	8.5%	.	<
HCMC Clinics - Coordinated Care Clinic	42.0%	45.2%	3.2%	.	.
HCMC Clinics - Downtown Medicine Clinic	57.7%	63.4%	5.8%	Y	<
HCMC Clinics - East Lake Clinic	57.1%	61.0%	3.9%	.	<
HCMC Clinics - Golden Valley Clinic	78.0%	76.9%	-1.1%	.	<
HCMC Clinics - HCMC OB/GYN Clinic	48.8%	28.6%	-20.3%	.	>
HCMC Clinics - Hennepin Center for Senior Care	45.8%	50.5%	4.6%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	50.6%	67.8%	17.2%	Y	.
HCMC Clinics - Positive Care Clinic	46.7%	60.7%	14.0%	Y	.
HCMC Clinics - Richfield Clinic	62.7%	66.3%	3.6%	.	<
HCMC Clinics - St. Anthony Village Clinic	58.7%	59.7%	1.1%	.	<
HCMC Clinics - Whittier Clinic	54.2%	56.0%	1.7%	.	<
Hutchinson Health - Dassel Clinic	37.3%	64.2%	27.0%	Y	.
Hutchinson Health - Hutchinson Clinic	51.7%	72.3%	20.6%	Y	.
Indian Health Board of Minneapolis	24.6%	42.1%	17.4%	Y	.
Integracare Ltd dba Williams Clinic	43.0%	59.7%	16.7%	Y	.
Johnson Memorial Health Services - Dawson Clinic	55.4%	73.3%	17.9%	Y	.
Lac Qui Parle Clinic	47.1%	62.9%	15.8%	Y	.

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Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Lake Region Healthcare - Barnesville Clinic	40.6%	45.4%	4.8%	.	<
Lake Region Healthcare - Battle Lake Clinic	46.2%	61.0%	14.8%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	45.6%	62.4%	16.8%	Y	.
Lake Superior Community Health Center - Duluth	37.9%	46.6%	8.7%	Y	<
Lake Superior Community Health Center-Superior	52.9%	53.4%	0.5%	.	<
LakeWood Health Center Clinic	46.8%	54.0%	7.2%	.	<
Lakewood Health System - Browerville Clinic	56.7%	79.2%	22.5%	Y	.
Lakewood Health System - Motley Clinic	75.9%	77.5%	1.6%	.	<
Lakewood Health System - Pillager Clinic	61.6%	72.3%	10.8%	Y	.
Lakewood Health System - Staples Clinic	59.1%	65.8%	6.6%	.	<
Life Medical	45.8%	38.9%	-6.9%	.	<
Madelia Community Hospital & Clinic	42.9%	47.0%	4.1%	.	<
Mankato Clinic - Daniel's Health Center	68.2%	73.8%	5.7%	.	<
Mankato Clinic - Main Street	59.6%	81.4%	21.9%	Y	.
Mankato Clinic - Mapleton	67.4%	80.8%	13.3%	Y	.
Mankato Clinic - North Mankato	61.2%	79.3%	18.1%	Y	.
Mankato Clinic - Wickersham Campus	63.1%	81.7%	18.7%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	65.6%	86.5%	20.9%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	63.9%	84.2%	20.3%	Y	.
Mayo Clinic - Kasson	59.2%	75.2%	16.0%	Y	.
Mayo Clinic - Northeast	66.5%	86.1%	19.6%	Y	.
Mayo Clinic - Northwest	64.4%	81.0%	16.6%	Y	.
Mayo Clinic - Speciality Practice	72.2%	88.2%	16.0%	Y	.
Mayo Clinic Health System Adams	57.7%	77.2%	19.5%	Y	.
Mayo Clinic Health System Albert Lea	59.8%	72.6%	12.8%	Y	<
Mayo Clinic Health System Alden	40.6%	57.4%	16.8%	.	.
Mayo Clinic Health System Austin	58.4%	76.3%	17.9%	Y	.
Mayo Clinic Health System Belle Plaine	64.6%	73.7%	9.1%	.	.
Mayo Clinic Health System Cannon Falls	53.7%	71.7%	18.0%	Y	.
Mayo Clinic Health System Fairmont	70.2%	76.0%	5.8%	Y	<
Mayo Clinic Health System Faribault Campus Location	76.9%	79.9%	3.0%	.	<
Mayo Clinic Health System Faribault Hwy 60	67.3%	77.6%	10.3%	.	.
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	67.1%	79.4%	12.4%	Y	.
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	76.4%	88.3%	11.9%	Y	.
Mayo Clinic Health System Janesville	50.0%	69.3%	19.3%	Y	.
Mayo Clinic Health System Kiester	51.3%	73.5%	22.2%	Y	.
Mayo Clinic Health System Lake City	52.0%	64.6%	12.5%	Y	.
Mayo Clinic Health System Lake Crystal	64.4%	76.3%	11.9%	.	.
Mayo Clinic Health System Le Sueur	71.4%	80.7%	9.3%	Y	.
Mayo Clinic Health System Mabel	37.5%	50.7%	13.2%	.	.
Mayo Clinic Health System Mankato Eastridge	66.1%	83.3%	17.2%	Y	.
Mayo Clinic Health System Mankato Northridge	68.8%	84.5%	15.7%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	59.4%	81.8%	22.4%	Y	.
Mayo Clinic Health System Montgomery	66.2%	79.1%	12.9%	Y	.
Mayo Clinic Health System New Prague	69.4%	76.0%	6.6%	.	<
Mayo Clinic Health System New Richland	71.9%	59.9%	-12.0%	.	<
Mayo Clinic Health System Owatonna	63.5%	78.1%	14.6%	Y	<
Mayo Clinic Health System Plainview	43.6%	56.6%	13.0%	.	.
Mayo Clinic Health System Red Wing	56.4%	75.8%	19.3%	Y	.
Mayo Clinic Health System Red Wing in Zumbrota	57.7%	69.6%	11.9%	Y	.
Mayo Clinic Health System Springfield	68.0%	79.6%	11.6%	Y	.
Mayo Clinic Health System St. James	48.4%	73.2%	24.8%	Y	.
Mayo Clinic Health System St. Peter	59.7%	84.3%	24.6%	Y	.
Mayo Clinic Health System Wabasha	58.8%	70.9%	12.1%	Y	.
Mayo Clinic Health System Waseca	66.3%	75.5%	9.2%	Y	<

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Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Mayo Clinic Health System Waterville	58.3%	74.2%	15.8%	Y	.
Mayo Clinic Health System Wells	37.7%	57.1%	19.4%	Y	.
Mayo Family Clinic Southeast	61.0%	82.5%	21.4%	Y	.
Metro Obstetrics and Gynecology - Gallery Professional Building	49.5%	73.1%	23.6%	Y	.
Mille Lacs Health System - Garrison	41.3%	48.5%	7.3%	.	.
Mille Lacs Health System - Hillman	57.8%	55.7%	-2.1%	.	<
Mille Lacs Health System - Isle	49.7%	50.1%	0.5%	.	<
Mille Lacs Health System - Onamia	48.0%	46.9%	-1.1%	.	<
Multicare Associates - Blaine Medical Center	45.5%	61.5%	16.0%	Y	.
Multicare Associates - Fridley Medical Center	50.3%	64.6%	14.3%	Y	.
Multicare Associates - Roseville Medical Center	42.2%	59.0%	16.9%	Y	.
Native American Community Clinic	23.6%	27.5%	4.0%	.	<
Neighborhood HealthSource - Fremont Clinic	33.8%	47.8%	13.9%	Y	.
Neighborhood HealthSource - Sheridan Clinic	42.6%	45.6%	3.1%	.	<
Neighborhood HealthSource-Central Clinic	35.9%	41.6%	5.7%	.	<
North Clinic - Maple Grove Office	48.3%	62.8%	14.5%	Y	.
North Clinic - Oakdale Office in Robbinsdale	49.1%	62.4%	13.3%	Y	.
North Clinic - Osseo Office	48.0%	67.3%	19.4%	Y	.
North Clinic - Plymouth	46.5%	66.8%	20.3%	Y	.
North Memorial - Minnetonka Medical Center	54.3%	65.5%	11.2%	Y	.
North Memorial Clinic - Arbor Lakes	56.0%	75.8%	19.9%	Y	.
North Memorial Clinic - Blaine	45.8%	68.7%	22.9%	Y	.
North Memorial Clinic - Brooklyn Center Physicians	59.6%	70.6%	11.0%	Y	<
North Memorial Clinic - Brooklyn Park Physicians	53.8%	72.4%	18.6%	Y	.
North Memorial Clinic - Camden	56.1%	75.9%	19.8%	Y	.
North Memorial Clinic - Elk River Physicians	44.1%	63.6%	19.5%	Y	.
North Memorial Clinic - Golden Valley Physicians	56.8%	71.8%	15.0%	Y	.
North Memorial Clinic - Maple Grove	52.7%	78.1%	25.4%	Y	.
North Memorial Clinic - New Hope	65.5%	75.8%	10.3%	Y	.
North Memorial Clinic - Northeast Family Physicians	62.4%	64.0%	1.6%	.	<
North Memorial Clinic - Plymouth City Center	63.9%	76.1%	12.2%	Y	.
North Memorial Clinic - St. Anthony	52.0%	72.1%	20.0%	Y	.
Northfield Hospital + Clinics - Farmington Clinic	52.5%	69.5%	17.0%	Y	.
Northfield Hospital + Clinics - Lakeville Clinic	40.0%	57.5%	17.5%	Y	.
Northfield Hospital + Clinics - Lonsdale Clinic	62.5%	67.9%	5.4%	.	.
Northfield Hospital + Clinics - Northfield Clinic	65.9%	77.4%	11.5%	Y	.
NorthPoint Health & Wellness Center	53.3%	63.0%	9.8%	Y	<
Northwest Family Physicians - Crystal	48.7%	61.1%	12.4%	Y	<
Northwest Family Physicians - Plymouth	61.5%	69.8%	8.3%	.	.
Northwest Family Physicians - Rogers	58.3%	66.8%	8.5%	.	.
Oakdale Obstetrics & Gynecology, PA - Maple Grove	67.3%	76.8%	9.5%	Y	<
OBGYN West - Ridgedale	55.0%	68.0%	13.0%	.	.
Obstetrics & Gynecology Specialists - Burnsville	59.5%	76.9%	17.5%	Y	.
Obstetrics, Gynecology and Infertility - Edina	91.9%	89.4%	-2.5%	.	<
Obstetrics, Gynecology and Infertility - Maple Grove	81.6%	93.9%	12.3%	Y	.
Olmsted Medical Center - Byron Clinic	49.1%	67.5%	18.4%	Y	.
Olmsted Medical Center - Chatfield Clinic	39.6%	62.4%	22.8%	Y	.
Olmsted Medical Center - Pine Island Clinic	64.3%	75.1%	10.8%	.	.
Olmsted Medical Center - Preston Clinic	50.0%	70.1%	20.1%	Y	.
Olmsted Medical Center - Rochester Northwest	43.1%	67.2%	24.1%	Y	.
Olmsted Medical Center - Rochester Southeast	50.4%	71.3%	20.9%	Y	.
Olmsted Medical Center - Spring Valley Clinic	40.4%	66.0%	25.6%	Y	.
Olmsted Medical Center - St. Charles Clinic	51.9%	69.8%	17.9%	Y	.
Olmsted Medical Center - Stewartville Clinic	45.7%	62.4%	16.7%	Y	.
Open Cities Health (Dunlap) - Family Medicine	17.4%	24.1%	6.7%	Y	<

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Table 35: 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	56.2%	74.7%	18.5%	Y	
Open Cities Health Center (Northend)- Family Medicine	8.2%	17.1%	8.9%	Y	<
Open Door Health Center	35.7%	44.0%	8.3%	.	.
Ortonville Area Health Services-Northside Medical Clinic	71.0%	79.2%	8.2%	.	<
Park Nicollet Clinic - Bloomington	59.8%	76.2%	16.4%	Y	.
Park Nicollet Clinic - Brookdale	59.5%	75.4%	15.9%	Y	.
Park Nicollet Clinic - Burnsville	54.9%	77.4%	22.4%	Y	.
Park Nicollet Clinic - Carlson	60.2%	80.5%	20.3%	Y	.
Park Nicollet Clinic - Champlin	69.5%	77.7%	8.2%	.	.
Park Nicollet Clinic - Chanhassen	51.7%	71.9%	20.2%	Y	.
Park Nicollet Clinic - Creekside	46.2%	63.3%	17.1%	Y	.
Park Nicollet Clinic - Eagan	67.0%	78.7%	11.8%	Y	<
Park Nicollet Clinic - Golden Valley	69.2%	79.9%	10.7%	Y	<
Park Nicollet Clinic - Lakeville	62.2%	64.7%	2.5%	.	<
Park Nicollet Clinic - Maple Grove	55.4%	74.3%	18.9%	Y	.
Park Nicollet Clinic - Minneapolis	48.6%	71.0%	22.4%	Y	.
Park Nicollet Clinic - Plymouth	56.9%	75.5%	18.6%	Y	.
Park Nicollet Clinic - Prairie Center	67.9%	82.7%	14.8%	Y	.
Park Nicollet Clinic - Prior Lake	49.3%	71.9%	22.6%	Y	.
Park Nicollet Clinic - Rogers	47.1%	74.2%	27.1%	Y	.
Park Nicollet Clinic - Shakopee	65.5%	77.1%	11.5%	Y	<
Park Nicollet Clinic - Shorewood	51.4%	74.4%	23.0%	Y	.
Park Nicollet Clinic - SmartCare	38.9%	69.8%	30.9%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	55.4%	73.4%	18.1%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	69.7%	83.5%	13.8%	Y	<
Park Nicollet Clinic - Wayzata	68.1%	76.7%	8.6%	Y	<
Park Nicollet Clinic - Women's Services	42.3%	56.3%	13.9%	Y	.
Parkview Medical Clinic	48.0%	61.6%	13.6%	Y	.
Partners Obstetrics & Gynecology, PA	52.0%	77.1%	25.1%	Y	.
Perham Health Clinic	66.7%	81.1%	14.4%	Y	.
Perham Health New York Mills Clinic	74.4%	80.0%	5.7%	.	.
Prairie Ridge Hospital & Health Services - Elbow Lake	35.9%	42.9%	7.1%	.	<
Prairie Ridge Hospital & Health Services - Morris	47.1%	68.3%	21.2%	Y	.
Raiter Clinic	40.1%	58.5%	18.4%	Y	.
Randall Lakes Area Clinic	54.6%	74.2%	19.6%	Y	.
RR Health Services dba Fairview Mesaba Clinic - Hibbing	57.9%	71.6%	13.7%	Y	.
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	59.1%	70.4%	11.3%	Y	.
RR Health Services dba Fairview Mesaba Clinic - Nashwauk	53.0%	66.1%	13.1%	Y	.
Renville County Hospital and Clinics - Hector	56.5%	67.5%	11.0%	.	.
Renville County Hospital and Clinics - Olivia	47.2%	71.9%	24.7%	Y	.
Renville County Hospital and Clinics - Renville	59.5%	62.7%	3.1%	.	.
Richfield Medical Group	51.3%	72.8%	21.5%	Y	.
Ridgeview Arlington Clinic	58.1%	63.0%	4.9%	.	.
Ridgeview Chanhassen Clinic	53.9%	71.3%	17.4%	Y	.
Ridgeview Chaska Clinic	44.3%	56.3%	12.0%	.	.
Ridgeview Delano Clinic	45.3%	61.3%	16.1%	Y	.
Ridgeview Excelsior Clinic	39.8%	60.0%	20.2%	Y	.
Ridgeview Henderson Clinic	48.4%	69.7%	21.3%	Y	.
Ridgeview Howard Lake Clinic	22.2%	55.0%	32.8%	Y	.
Ridgeview Westonka Clinic	49.6%	62.3%	12.7%	Y	.
Ridgeview Winsted Clinic	33.8%	60.4%	26.6%	Y	.
Ridgeview Winthrop Clinic	51.5%	65.8%	14.3%	.	.
RiverView Clinic	49.6%	67.3%	17.7%	Y	.
Riverwood Aitkin Clinic	61.8%	75.5%	13.8%	Y	.
Riverwood Garrison Clinic	60.0%	67.4%	7.4%	.	.
Riverwood McGregor Clinic	49.8%	68.0%	18.3%	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 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Sanford Aberdeen Clinic	73.5%	79.5%	6.1%	.	<
Sanford Bagley Clinic	56.4%	67.5%	11.1%	Y	.
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	56.8%	75.7%	18.9%	Y	.
Sanford Bemidji Main Clinic - Family Medicine	67.0%	84.0%	17.0%	Y	.
Sanford Bemidji Main Clinic - Internal Medicine	77.2%	85.2%	8.1%	Y	<
Sanford Blackduck Clinic	75.4%	84.7%	9.3%	.	.
Sanford Canby Clinic	70.3%	69.4%	-1.0%	.	<
Sanford Cass Lake Clinic	60.3%	76.3%	15.9%	Y	.
Sanford Chamberlain Clinic	53.7%	68.7%	15.0%	Y	.
Sanford East Grand Forks Clinic	38.7%	67.7%	29.0%	Y	.
Sanford Fargo Broadway Clinic - Internal Medicine	62.8%	85.3%	22.6%	Y	.
Sanford Fargo Internal Medicine Residency Clinic	52.6%	74.8%	22.1%	Y	.
Sanford Fargo North Fargo Clinic	59.4%	77.6%	18.2%	Y	.
Sanford Fargo Southpointe Clinic - Family Medicine	51.3%	78.9%	27.7%	Y	.
Sanford Fargo Southpointe Clinic - Internal Medicine	68.4%	84.6%	16.2%	Y	.
Sanford Hawley Clinic	76.5%	71.0%	-5.5%	.	<
Sanford Health Alexandria Broadway Clinic	63.3%	73.5%	10.2%	Y	<
Sanford Health Detroit Lakes Clinic	69.5%	81.6%	12.1%	Y	<
Sanford Health Hillsboro Clinic	33.3%	64.3%	31.0%	Y	.
Sanford Health Ipswich Clinic	70.0%	69.0%	-1.0%	.	<
Sanford Health Jamestown Clinic	51.1%	78.5%	27.4%	Y	>
Sanford Health Mahnomen Clinic	62.7%	78.3%	15.6%	Y	.
Sanford Health Mountain Lake Clinic	58.1%	70.4%	12.3%	.	.
Sanford Health Parkers Prairie Clinic	61.8%	71.4%	9.6%	.	.
Sanford Health Pelican Rapids Clinic	57.5%	81.5%	24.0%	Y	.
Sanford Health Valley City Clinic	64.2%	78.4%	14.2%	Y	.
Sanford Health Wahpeton Clinic	63.6%	70.3%	6.7%	.	<
Sanford Health Walker Clinic	61.5%	79.1%	17.6%	Y	.
Sanford Health Watertown Clinic	53.3%	73.9%	20.6%	Y	.
Sanford Health Westbrook Clinic	71.1%	80.9%	9.8%	.	.
Sanford Health Wheaton Clinic	61.3%	71.9%	10.6%	.	.
Sanford Health Windom Clinic	60.5%	73.5%	13.0%	.	.
Sanford Jackson Clinic	65.6%	67.6%	2.0%	.	<
Sanford Lakefield Clinic	58.3%	75.4%	17.1%	Y	.
Sanford Luverne Clinic	58.6%	77.9%	19.3%	Y	.
Sanford Moorhead Clinic - Family Medicine	64.8%	79.6%	14.8%	Y	.
Sanford Moorhead Clinic - Internal Medicine	60.8%	84.7%	23.9%	Y	.
Sanford Rock Rapids Clinic	47.2%	69.2%	22.0%	Y	.
Sanford Sheldon Clinic	45.3%	64.5%	19.2%	Y	.
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	60.0%	74.9%	14.9%	Y	.
Sanford Sioux Falls 41st & Sertoma Family Medicine Clinic	62.8%	74.5%	11.7%	.	.
Sanford Sioux Falls 49th & Oxbow Family Medicine Clinic	63.9%	82.1%	18.2%	Y	.
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	43.3%	77.1%	33.7%	Y	>
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	58.1%	80.8%	22.6%	Y	.
Sanford Sioux Falls Internal Medicine Clinic	75.0%	88.1%	13.1%	Y	.
Sanford Thief River Falls Clinic	61.7%	75.4%	13.8%	Y	.
Sanford West Fargo Clinic - Family Medicine	59.1%	80.6%	21.5%	Y	.
Sanford Worthington Clinic	60.5%	72.5%	12.1%	Y	.
Sawtooth Mountain Clinic, Inc	48.9%	62.6%	13.8%	Y	.
Scandia Clinic	43.2%	51.6%	8.4%	.	.
Scenic Rivers Health Services - Bigfork/Big Falls	55.7%	60.3%	4.6%	.	<
Scenic Rivers Health Services - Cook	43.0%	52.4%	9.4%	.	.
Scenic Rivers Health Services - Floodwood	63.8%	51.8%	-12.1%	.	<
Scenic Rivers Health Services - Northome	66.7%	79.2%	12.6%	.	.
Sleepy Eye Medical Center	35.1%	59.1%	24.0%	Y	.

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

Table 35: 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	**56.2%**	**74.7%**	**18.5%**	**Y**	
Southdale Obstetric and Gynecology Consultants- Edina	74.1%	83.2%	9.1%	Y	.
Southside Medical Clinic	49.5%	53.9%	4.4%	.	<
St. Croix Regional Medical Center - Frederic Clinic	27.8%	53.4%	25.6%	Y	.
St. Croix Regional Medical Center - Ingalls Clinic	22.9%	46.9%	24.0%	Y	.
St. Croix Regional Medical Center - Lindstrom Clinic	57.4%	58.9%	1.5%	.	<
St. Croix Regional Medical Center - St. Croix Falls Clinic	44.1%	63.7%	19.6%	Y	.
St. Croix Regional Medical Center - Unity Clinic	41.0%	59.4%	18.4%	Y	.
Stellis Health - Albertville-St. Michael Clinic	44.9%	63.4%	18.5%	Y	.
Stellis Health-Buffalo Clinic	59.3%	67.9%	8.6%	Y	<
Stellis Health-Monticello Clinic	48.8%	67.9%	19.1%	Y	.
Stevens Community Medical Center - Starbuck Clinic	39.7%	46.8%	7.1%	.	.
Stillwater Medical Group - Curve Crest Clinic	61.3%	76.1%	14.9%	Y	.
Stillwater Medical Group - Mahtomedi Clinic	46.5%	64.5%	18.0%	Y	.
Stillwater Medical Group - Somerset Clinic	56.3%	69.2%	13.0%	Y	.
Synergy Family Physicians, P.A.	47.9%	54.1%	6.2%	.	.
Tri-County Health Care - Bertha Clinic	74.4%	69.4%	-5.0%	.	<
Tri-County Health Care - Henning Clinic	52.6%	60.5%	7.9%	.	.
Tri-County Health Care - Wadena Clinic	51.0%	64.9%	14.0%	Y	.
Tyler Medical Clinic - Avera	39.1%	63.3%	24.2%	Y	.
United Family Medicine	46.3%	62.9%	16.6%	Y	.
U of Minnesota Health - Fairview Maple Grove Medical Center	75.7%	82.0%	6.3%	.	<
University of Minnesota Health - Mill City Clinic	59.4%	75.4%	16.0%	Y	.
University of Minnesota Health - Primary Care Center	71.0%	78.3%	7.3%	Y	<
University of Minnesota Health - Smiley's Family Medicine Clinic	42.2%	65.8%	23.6%	Y	.
U of Minnesota Health - Women's Health Specialists Clinic	69.8%	72.8%	3.0%	.	<
U of Minnesota Physicians - Bethesda Family Medicine Clinic	45.7%	54.6%	8.9%	Y	<
U of Minnesota Physicians - Broadway Family Medicine Clinic	48.9%	48.7%	-0.2%	.	<
U of M Physicians - Phalen Village Family Medicine Clinic	49.1%	61.1%	12.0%	Y	<
Valley Family Practice	58.5%	64.7%	6.2%	.	.
Vibrant Health Family Clinics and MN Hlth Network-River Falls	44.1%	66.0%	21.9%	Y	.
West Side Community Health Services - East Side Family Clinic	45.6%	48.8%	3.2%	.	<
West Side Community Health Services - La Clinica	47.1%	51.8%	4.7%	.	<
West Side Community Health Srvcs - McDonough Homes Clinic	42.9%	36.7%	-6.1%	.	<
Winona Health - Rushford Clinic	31.8%	44.8%	13.0%	.	.
Winona Health - Winona Clinic	44.2%	64.3%	20.1%	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

Chlamydia Screening in Women

Seventy medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level was negative seven percentage points and is statistically significant. The sign is negative; however, which means the Chlamydia Screening medical group rate for MHCP patients (57 percent) was significantly higher than that of Other Purchasers (51 percent).

Sixteen medical groups had rates for MHCP patients that were lower than Other Purchasers; 54 medical groups had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Table 36, Column 4). Of those 54 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, eleven medical groups had purchaser gaps that were significantly different than the statewide gap. Of these eleven medical groups, four had a gap significantly smaller than the statewide gap; seven had a higher MHCP performance rate than Other Purchasers. (See Column 6)

One medical group, 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 36 summarizes these findings.

- **Allina Health**

Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Chlamydia Screening in Women

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	57.0%	50.7%	-6.2%	Y	
Affiliated Community Medical Centers	50.0%	37.1%	-12.9%	Y	>
Alexandria Clinic	49.6%	41.2%	-8.4%	.	.
Allina Health	67.4%	66.2%	-1.3%	.	<
Altru Health System	36.3%	30.0%	-6.3%	.	.
Apple Valley Medical Clinic	44.2%	52.1%	7.9%	.	.
Avera Medical Group - Pipestone	32.5%	35.9%	3.4%	.	.
Avera Medical Group- Marshall	61.8%	42.6%	-19.2%	.	.
CentraCare Health	61.5%	53.3%	-8.1%	Y	.
Children's Clinic Network	47.1%	44.0%	-3.0%	.	.
Children's Health Care	54.3%	36.2%	-18.1%	Y	>
Chippewa County Montevideo Hospital & Medical Clinic	59.2%	38.6%	-20.6%	Y	.
Community University Health Care Center	63.1%	62.2%	-0.9%	.	.
Cuyuna Regional Medical Center	48.5%	40.0%	-8.5%	.	.
Entira Family Clinics (formerly Family Health Services MN)	65.2%	69.7%	4.6%	.	<
Essentia Health	37.8%	35.9%	-1.9%	.	<
Face to Face Health & Counseling Service, Inc.	85.4%	89.2%	3.8%	.	.
Fairview Medical Group	63.0%	58.6%	-4.4%	Y	.
Fairview Mesaba Clinics	51.8%	35.8%	-16.0%	Y	.
Family Practice Medical Center of Willmar	46.3%	37.4%	-8.9%	.	.
FirstLight Health System	51.5%	51.9%	0.3%	.	.
Gateway Family Health Clinic	45.7%	35.4%	-10.4%	.	.
Glencoe Regional Health Services	9.3%	3.9%	-5.4%	.	.
Glenwood Medical Center	46.7%	47.7%	1.1%	.	.
Grand Itasca Clinic	47.0%	33.7%	-13.3%	Y	.
Gundersen Health System	52.9%	54.7%	1.7%	.	.
HealthEast Clinics	58.4%	49.0%	-9.3%	Y	.
HealthPartners Clinics	75.2%	68.1%	-7.1%	Y	.
Hennepin County Medical Center (HCMC) Clinics	66.2%	57.1%	-9.2%	Y	.
Hutchinson Health	30.6%	27.1%	-3.5%	.	.
Lake Region Healthcare	39.2%	30.3%	-8.9%	.	.
Lakeview Clinic	49.0%	41.7%	-7.2%	.	.
Lakewood Health System	34.9%	40.8%	5.9%	.	<
Mankato Clinic, Ltd.	57.3%	52.2%	-5.1%	.	.
Mayo Clinic	52.3%	42.2%	-10.0%	Y	.
Mayo Clinic Health System - Albert Lea and Austin	47.3%	46.0%	-1.3%	.	.

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

Table 36: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Chlamydia Screening in Women

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	**57.0%**	**50.7%**	**-6.2%**	**Y**	
Mayo Clinic Health System - Fairmont	37.3%	36.1%	-1.2%	.	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	60.5%	37.8%	-22.8%	Y	.
Mayo Clinic Health System - Lake City	18.4%	44.6%	26.2%	Y	>
Mayo Clinic Health System - Mankato	40.6%	43.2%	2.6%	.	.
Mayo Clinic Health System - New Prague	44.4%	46.6%	2.1%	.	.
Mayo Clinic Health System - Red Wing	50.8%	48.1%	-2.7%	.	.
Mayo Clinic Health System-Owatonna	42.9%	42.7%	-0.3%	.	.
Multicare Associates	43.8%	40.0%	-3.8%	.	.
North Clinic	53.3%	37.6%	-15.8%	Y	.
North Memorial	52.5%	46.9%	-5.6%	.	.
Northfield Hospital + Clinics	41.2%	37.6%	-3.6%	.	.
NorthPoint Health & Wellness Center	71.7%	89.5%	17.8%	Y	>
Northwest Family Physicians	54.6%	48.4%	-6.2%	.	.
Obstetrics and Gynecology Associates	69.7%	47.9%	-21.8%	Y	>
Olmsted Medical Center	44.3%	41.5%	-2.8%	.	.
Park Nicollet Health Services	66.3%	60.9%	-5.5%	Y	.
Planned Parenthood Minnesota, North Dakota, South Dakota	81.5%	79.1%	-2.4%	.	.
Premier OB/GYN of Minnesota	57.2%	49.0%	-8.3%	Y	.
Raiter Clinic, LTD - IHN	43.5%	32.3%	-11.2%	.	.
Ridgeview Clinics	38.1%	44.7%	6.6%	.	.
Riverwood Healthcare Center	44.1%	23.7%	-20.4%	Y	.
Sanford Health - Fargo Region	41.6%	35.1%	-6.5%	Y	.
Sanford Health - Sioux Falls Region	35.0%	32.9%	-2.1%	.	.
Seven Day Clinic	51.5%	34.7%	-16.8%	.	.
South Lake Pediatrics	35.9%	35.7%	-0.2%	.	.
Southdale Pediatric Associates, Ltd	41.9%	43.7%	1.7%	.	.
St. Luke's Clinics	55.1%	43.0%	-12.1%	Y	.
Stellis Health, PA	36.3%	35.7%	-0.6%	.	.
Tri-County Health Care	39.4%	38.9%	-0.5%	.	.
United Family Medicine	37.0%	53.6%	16.5%	.	>
Unity Family Healthcare - Avon	41.5%	47.1%	5.6%	.	.
University of Minnesota Physicians	60.0%	43.7%	-16.3%	Y	>
West Side Community Health Services	59.3%	51.4%	-8.0%	.	.
Winona Health Services	39.3%	29.1%	-10.2%	.	.

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

Depression Remission at Six Months

Two hundred sixty-six clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 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 266 clinics, 211 of them had rates for MHCP patients that were lower than Other Purchaser patients; 23 of those clinics had a significant gap between purchasers. (See Table 37, Column 5) This means that these clinics had a significantly lower MHCP performance rate compared to Other Purchasers. Fifty-four clinics had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4), with one clinic that had a significantly higher MHCP performance rate compared to Other Purchasers.

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

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

- **Affiliated Community Medical Centers - Willmar Clinic**
- **Allina Health Specialties - Allina Mental Health - Unity**
- **Fairview Blaine Clinic**
- **HealthPartners - Riverside**
- **North Memorial Clinic - St. Anthony**
- **Olmsted Medical Center - Rochester Southeast - Psychiatry**
- **Range Regional Health Services dba Fairview Mesaba Clinic - Mountain Iron**
- **Sanford Moorhead Clinic - Family Medicine**

Table 37: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	**4.5%**	**8.6%**	**4.1%**	**Y**	
Affiliated Community Medical Centers - Litchfield Clinic (West)	3.2%	2.1%	-1.1%	.	.
Affiliated Community Medical Centers - Willmar Clinic	5.4%	4.2%	-1.2%	.	<
Affiliated Community Medical Centers- Marshall Clinic	2.4%	4.2%	1.9%	.	.
Alexandria Clinic, A Service of Douglas County Hospital	4.1%	6.6%	2.4%	.	.
Allina Health - Bandana Square	5.4%	12.5%	7.1%	Y	.
Allina Health - Bloomington	6.2%	5.4%	-0.8%	.	.
Allina Health - Brooklyn Park	7.7%	9.5%	1.8%	.	.
Allina Health - Buffalo	10.7%	14.2%	3.5%	.	.
Allina Health - Cambridge	7.5%	11.7%	4.1%	.	.
Allina Health - Champlin	9.3%	8.3%	-1.0%	.	.
Allina Health - Chaska	2.8%	15.5%	12.7%	Y	.
Allina Health - Coon Rapids	4.7%	10.1%	5.5%	Y	.
Allina Health - Cottage Grove	2.8%	6.0%	3.2%	.	.
Allina Health - Eagan	8.0%	14.3%	6.3%	.	.
Allina Health - East Lake Street	0.0%	9.7%	9.7%	.	.
Allina Health - Faribault	11.1%	16.6%	5.5%	.	.
Allina Health - Farmington	15.6%	10.9%	-4.8%	.	.
Allina Health - First Street	10.4%	9.1%	-1.3%	.	.
Allina Health - Forest Lake	12.1%	12.5%	0.4%	.	.
Allina Health - Fridley	3.2%	8.4%	5.2%	.	.
Allina Health - Inver Grove Heights	2.3%	14.4%	12.2%	Y	.
Allina Health - Isles	0.0%	2.8%	2.8%	.	.
Allina Health - Maple Grove	3.1%	14.7%	11.6%	.	.
Allina Health - Maplewood	6.0%	10.8%	4.9%	.	.
Allina Health - Nicollet Mall	1.3%	5.5%	4.2%	.	.
Allina Health - Northfield	9.6%	13.3%	3.7%	.	.
Allina Health - Plymouth	8.3%	10.7%	2.4%	.	.
Allina Health - Ramsey	2.2%	6.5%	4.4%	.	.
Allina Health - Richfield	7.1%	10.5%	3.4%	.	.
Allina Health - Shakopee	5.3%	8.8%	3.5%	.	.
Allina Health - Shoreview	8.6%	15.8%	7.2%	.	.
Allina Health - St. Michael	4.6%	12.2%	7.6%	.	.
Allina Health - United Medical Specialties	6.1%	5.3%	-0.7%	.	.
Allina Health - Uptown	8.8%	7.2%	-1.6%	.	.
Allina Health - Vadnais Heights	10.5%	4.2%	-6.4%	.	>
Allina Health - West St. Paul	8.3%	8.8%	0.6%	.	.
Allina Health - Woodbury	4.3%	7.4%	3.2%	.	.
Allina Health Specialties - Allina Mental Health - ANW	2.7%	5.8%	3.1%	.	.
Allina Health Specialties - Allina Mental Health - United	6.0%	8.4%	2.4%	.	.
Allina Health Specialties - Allina Mental Health - Unity	7.1%	6.0%	-1.1%	.	<
Allina Health Specialties - New Ulm Medical Center	7.4%	9.2%	1.9%	.	.
Altru Health System - Main	0.0%	0.5%	0.5%	.	<
Apple Valley Medical Clinic - Family Practice	4.2%	7.8%	3.6%	.	.
Associated Clinic of Psychology-Apple Valley	0.8%	5.4%	4.7%	Y	.
Associated Clinic of Psychology-Brooklyn Center	2.0%	2.9%	0.8%	.	.
Associated Clinic of Psychology-Minneapolis	2.4%	5.0%	2.7%	.	.
Associated Clinic of Psychology-West St. Paul	1.9%	4.0%	2.1%	.	.
Associates in Psychiatry & Psychology-Rochester	0.0%	0.0%	0.0%	.	.
Avera Medical Group - Marshall	3.1%	2.3%	-0.9%	.	.
Avera Medical Group - Worthington	0.0%	4.7%	4.7%	.	.
Bluestone Physician Services	0.0%	0.0%	0.0%	.	.
Boynton Health Service	15.6%	7.6%	-8.0%	.	>
CentraCare Clinic - Becker	7.1%	14.3%	7.1%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	4.5%	8.6%	4.1%	Y	
CentraCare Clinic - Northway	9.0%	19.6%	10.7%	.	.
CentraCare Clinic- Big Lake	11.8%	12.3%	0.6%	.	.
CentraCare Health- Family Health Center	6.0%	10.2%	4.2%	.	.
CentraCare Health- Long Prairie	6.4%	28.2%	21.8%	Y	>
CentraCare Health- Melrose	13.3%	12.5%	-0.8%	.	.
CentraCare Health Plaza-Family Medicine	8.2%	14.1%	6.0%	.	.
CentraCare Health- Sauk Centre	18.6%	17.8%	-0.8%	.	.
CentraCare River Campus-Internal Medicine	5.4%	16.9%	11.5%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	0.0%	2.2%	2.2%	.	.
Duluth Family Medicine Clinic	3.5%	3.1%	-0.4%	.	.
Entira Family Clinics - Como/Roseville	6.2%	10.6%	4.5%	.	.
Entira Family Clinics - East Side	2.0%	2.8%	0.8%	.	.
Entira Family Clinics - Inver Grove Heights	7.7%	15.9%	8.2%	.	.
Entira Family Clinics - Maplewood/Battle Creek	0.0%	2.9%	2.9%	.	.
Entira Family Clinics - North St. Paul	9.0%	8.7%	-0.3%	.	.
Entira Family Clinics - Vadnais Heights	9.5%	17.4%	7.9%	.	.
Entira Family Clinics - West St. Paul	32.0%	35.8%	3.8%	.	.
Entira Family Clinics - White Bear Lake/Banning Ave	10.8%	15.9%	5.1%	.	.
Entira Family Clinics - Woodbury	6.7%	17.7%	11.0%	.	.
Fairview Andover Clinic	6.3%	9.0%	2.7%	.	.
Fairview Apple Valley Clinic	2.9%	5.8%	2.9%	.	.
Fairview Bass Lake Clinic	3.0%	8.5%	5.5%	.	.
Fairview Blaine Clinic	5.1%	2.4%	-2.7%	.	<
Fairview Bloomington Lake Minneapolis	9.2%	13.4%	4.2%	.	.
Fairview Bloomington Lake Xerxes	5.9%	12.4%	6.6%	.	.
Fairview Brooklyn Park Clinic	0.6%	5.9%	5.2%	Y	.
Fairview Burnsville Clinic	3.4%	5.3%	1.9%	.	.
Fairview Chisago Lakes Clinic	6.0%	13.6%	7.6%	.	.
Fairview Columbia Heights Clinic	3.5%	6.7%	3.2%	.	.
Fairview Crosstown Clinic	2.0%	4.4%	2.4%	.	.
Fairview EdenCenter Clinic	1.9%	8.1%	6.3%	.	.
Fairview Elk River Clinic	8.3%	11.3%	3.0%	.	.
Fairview Fridley Clinic	7.3%	10.7%	3.4%	.	.
Fairview Hiawatha Clinic	11.0%	11.8%	0.8%	.	.
Fairview Highland Park Clinic	6.8%	7.7%	1.0%	.	.
Fairview Hugo Clinic	0.0%	4.9%	4.9%	.	.
Fairview Lakes Medical Center	3.2%	10.0%	6.8%	Y	.
Fairview Lakeville Clinic	0.0%	4.4%	4.4%	.	.
Fairview Lino Lakes Clinic	1.5%	5.6%	4.1%	.	.
Fairview Milaca Clinic	12.7%	8.0%	-4.7%	.	>
Fairview New Brighton Clinic	4.4%	5.8%	1.4%	.	.
Fairview North Branch Clinic	3.2%	7.3%	4.2%	.	.
Fairview Oxboro Clinic	0.0%	4.1%	4.1%	.	.
Fairview Princeton Clinic	6.3%	8.7%	2.4%	.	.
Fairview Riverside Family Practice	6.3%	7.3%	1.0%	.	.
Fairview Riverside Integrated Primary Care	2.1%	3.8%	1.7%	.	.
Fairview Rogers Clinic	4.6%	12.8%	8.3%	.	.
Fairview Rush City Clinic	0.0%	4.1%	4.1%	.	.
Fairview Uptown Clinic	4.4%	7.8%	3.4%	.	.
Fairview Zimmerman Clinic	10.5%	15.3%	4.8%	.	.
Family Life Center	0.0%	3.0%	3.0%	.	.
Family Practice Medical Center of Willmar	0.0%	3.3%	3.3%	.	.
FirstLight Health System - Hinckley	3.3%	7.9%	4.6%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	4.5%	8.6%	4.1%	Y	
FirstLight Health System - Mora	6.3%	7.0%	0.7%	.	.
FirstLight Health System - Pine City	2.9%	4.9%	2.0%	.	.
Gateway Family Health Clinic - Moose Lake	0.0%	1.2%	1.2%	.	.
Gateway Family Health Clinic - Sandstone	0.0%	2.3%	2.3%	.	.
Glencoe Regional Health Services - Glencoe	0.0%	2.5%	2.5%	.	.
Grand Itasca Clinic	5.2%	5.6%	0.4%	.	<
HealthEast Grand Avenue Clinic	0.0%	4.9%	4.9%	.	.
HealthEast Oakdale	2.2%	1.7%	-0.5%	.	<
HealthEast Rice Street Clinic	0.0%	2.4%	2.4%	.	.
HealthEast Roselawn Clinic	5.4%	0.0%	-5.4%	.	.
HealthEast Roseville Clinic	0.0%	2.5%	2.5%	.	.
HealthEast Woodbury Clinic	0.0%	1.4%	1.4%	.	.
HealthPartners - Andover	0.0%	12.1%	12.1%	Y	.
HealthPartners - Anoka	0.9%	8.5%	7.6%	Y	.
HealthPartners - Apple Valley	6.0%	14.1%	8.1%	.	.
HealthPartners - Arden Hills	9.8%	15.7%	5.9%	.	.
HealthPartners - Bloomington	14.6%	8.7%	-5.9%	.	>
HealthPartners - Brooklyn Center	3.9%	4.4%	0.5%	.	.
HealthPartners - Como	7.1%	7.7%	0.6%	.	.
HealthPartners - Coon Rapids	0.0%	3.7%	3.7%	.	.
HealthPartners - Elk River	9.7%	12.5%	2.8%	.	.
HealthPartners - Inver Grove Behav Hlth	5.9%	16.2%	10.3%	.	.
HealthPartners - Inver Grove Heights	0.0%	11.6%	11.6%	.	.
HealthPartners - Maplewood	6.4%	11.4%	5.0%	.	.
HealthPartners - Regions BH Maplewood	4.9%	7.7%	2.8%	.	.
HealthPartners - Regions BH Woodbury	2.6%	11.1%	8.4%	.	.
HealthPartners - Riverside	6.0%	4.1%	-2.0%	.	<
HealthPartners - St Paul	2.9%	6.3%	3.5%	.	.
HealthPartners - West Behav Hlth	9.5%	12.4%	2.9%	.	.
HealthPartners - White Bear Lake	13.9%	10.9%	-3.0%	.	.
HealthPartners - Woodbury	6.3%	7.7%	1.4%	.	.
HealthPartners Central Minnesota Clinics	6.3%	9.2%	2.9%	.	.
HCMC Clinics - Brooklyn Center Clinic	1.9%	6.1%	4.1%	.	.
HCMC Clinics - Downtown Medicine Clinic	0.0%	1.4%	1.4%	.	.
HCMC Clinics - Golden Valley Clinic	1.6%	0.0%	-1.6%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	0.0%	2.4%	2.4%	.	.
HCMC Clinics - Richfield Clinic	1.0%	0.0%	-1.0%	.	.
HCMC Clinics - Whittier Clinic	1.4%	1.7%	0.4%	.	.
Hudson Physicians	0.0%	2.1%	2.1%	.	.
Hutchinson Health - Hutchinson Clinic	0.0%	4.9%	4.9%	.	.
Hutchinson Health - Mental Health Clinic	2.0%	2.5%	0.4%	.	.
Lake Region Healthcare Clinic Services - Fergus Falls	5.8%	11.5%	5.8%	.	.
Lake Superior Community Health Center - Duluth	7.7%	0.0%	-7.7%	.	.
Lakeland Mental Health Center - Alexandria	0.0%	0.0%	0.0%	.	.
Lakeland Mental Health Center - Detroit Lakes	2.2%	0.0%	-2.2%	.	.
Lakeland Mental Health Center - Fergus Falls	0.0%	0.0%	0.0%	.	.
Lakeland Mental Health Center - Moorhead	0.0%	0.0%	0.0%	.	.
Lakewood Health System - Staples Clinic	2.0%	0.0%	-2.0%	.	<
Mankato Clinic - Department of Psychiatry & Psychology	4.6%	11.9%	7.3%	.	.
Mankato Clinic - Main Street	5.9%	8.9%	3.0%	.	.
Mankato Clinic - North Mankato	4.0%	8.6%	4.7%	.	.
Mankato Clinic - Wickersham Campus	5.7%	7.6%	1.9%	.	.
Mayo Clinic - Baldwin Building, Family Medicine	3.6%	7.3%	3.7%	.	.

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Table 37: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	**4.5%**	**8.6%**	**4.1%**	**Y**	
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	2.6%	10.3%	7.7%	Y	.
Mayo Clinic - Kasson	8.8%	10.7%	1.9%	.	.
Mayo Clinic - Northeast	4.4%	14.8%	10.3%	.	.
Mayo Clinic - Northwest	16.7%	21.3%	4.7%	.	.
Mayo Clinic - Speciality Practice	3.6%	2.5%	-1.2%	.	<
Mayo Clinic Health System Albert Lea	3.9%	6.3%	2.4%	.	.
Mayo Clinic Health System Austin	4.9%	6.8%	1.9%	.	.
Mayo Clinic Health System Cannon Falls	0.0%	2.3%	2.3%	.	.
Mayo Clinic Health System Fairmont	0.9%	1.7%	0.7%	.	.
Mayo Clinic Health System Faribault Hwy 60	2.2%	7.8%	5.6%	.	.
Mayo Clinic Health System Lake City	2.9%	6.0%	3.1%	.	.
Mayo Clinic Health System Lake Crystal	0.0%	7.5%	7.5%	.	.
Mayo Clinic Health System Le Sueur	9.8%	5.4%	-4.4%	.	.
Mayo Clinic Health System Mankato Eastridge	4.7%	5.0%	0.3%	.	<
Mayo Clinic Health System Mankato Northridge	0.0%	4.0%	4.0%	.	.
Mayo Clinic Health System Owatonna	2.2%	4.1%	1.9%	.	.
Mayo Clinic Health System Red Wing	2.2%	5.0%	2.9%	.	.
Mayo Clinic Health System St. James	2.1%	5.3%	3.3%	.	.
Mayo Clinic Health System St. Peter	1.4%	7.4%	6.0%	.	.
Mayo Clinic Health System Waseca	0.0%	6.4%	6.4%	.	.
Mille Lacs Health System - Onamia	2.6%	0.0%	-2.6%	.	.
Minnesota Mental Health Clinics - Eagan Clinic	3.9%	5.7%	1.8%	.	.
Minnesota Mental Health Clinics- Maplewood Clinic	3.9%	2.9%	-1.0%	.	.
Minnesota Mental Health Clinics- Woodbury Clinic	1.5%	5.2%	3.7%	.	.
Native American Community Clinic	5.1%	3.8%	-1.3%	.	.
North Clinic - Oakdale Office in Robbinsdale	3.4%	2.2%	-1.3%	.	<
North Clinic - Osseo Office	8.6%	4.4%	-4.2%	.	>
North Clinic - Plymouth	0.0%	4.6%	4.6%	.	.
North Memorial Clinic - Arbor Lakes	6.7%	4.4%	-2.3%	.	.
North Memorial Clinic - Brooklyn Center Physicians	7.3%	4.6%	-2.6%	.	.
North Memorial Clinic - Brooklyn Park Physicians	0.0%	1.5%	1.5%	.	.
North Memorial Clinic - Camden	4.9%	5.9%	1.0%	.	.
North Memorial Clinic - Elk River Physicians	3.1%	3.3%	0.2%	.	.
North Memorial Clinic - Golden Valley Physicians	8.3%	15.9%	7.5%	.	.
North Memorial Clinic - New Hope	0.0%	3.6%	3.6%	.	.
North Memorial Clinic - Northeast Family Physicians	6.8%	3.6%	-3.3%	.	.
North Memorial Clinic - St. Anthony	6.0%	2.5%	-3.5%	.	<
Northern Psychiatric Associates	0.0%	2.2%	2.2%	.	.
NorthPoint Health & Wellness Center	3.0%	7.6%	4.5%	Y	.
Northwest Family Physicians - Crystal	2.6%	5.5%	2.9%	.	.
Northwest Family Physicians - Plymouth	3.2%	5.2%	1.9%	.	.
Oak Ridge Center	3.9%	1.3%	-2.6%	.	<
Olmsted Medical Center - Rochester Northwest	5.4%	10.8%	5.4%	.	.
Olmsted Medical Center - Rochester Southeast	0.6%	6.9%	6.3%	Y	.
Olmsted Medical Center - Rochester Southeast - Psychiatry	9.1%	7.8%	-1.3%	.	<
Open Door Health Center	0.0%	0.0%	0.0%	.	.
Park Nicollet Clinic - Bloomington	19.4%	22.4%	3.0%	.	.
Park Nicollet Clinic - Brookdale	5.9%	17.6%	11.7%	Y	.
Park Nicollet Clinic - Burnsville	7.8%	16.3%	8.5%	Y	.
Park Nicollet Clinic - Eagan	12.8%	28.2%	15.4%	Y	.
Park Nicollet Clinic - Maple Grove	4.9%	21.0%	16.1%	Y	.
Park Nicollet Clinic - Minneapolis	15.0%	19.5%	4.5%	.	.
Park Nicollet Clinic - Plymouth	20.5%	22.6%	2.1%	.	.

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< = Significantly smaller purchaser gap within Medical Group than the statewide gap
> = Significantly larger purchaser gap within Medical Group than the statewide gap

Table 37: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Depression Remission at Six Months

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	4.5%	8.6%	4.1%	Y	
Park Nicollet Clinic - Prior Lake	13.6%	18.0%	4.4%	.	.
Park Nicollet Clinic - Psychiatry	6.9%	14.1%	7.2%	Y	.
Park Nicollet Clinic - Shakopee	16.3%	23.0%	6.7%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	10.2%	19.4%	9.2%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	15.2%	23.3%	8.1%	.	.
Perham Health Clinic	11.5%	6.0%	-5.6%	.	>
Ramsey County Mental Health Center	0.0%	0.0%	0.0%	.	.
RR Health Services dba Fairview Mesaba Clinic - Hibbing	3.9%	6.3%	2.3%	.	.
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	4.8%	1.7%	-3.1%	.	<
Ridgeview Westonka Clinic	2.3%	5.7%	3.4%	.	.
Sanford Aberdeen Clinic	4.4%	2.0%	-2.4%	.	<
Sanford Bagley Clinic	6.1%	9.1%	3.0%	.	.
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	0.0%	10.2%	10.2%	Y	.
Sanford Bemidji Main Clinic - Family Medicine	7.3%	8.7%	1.4%	.	.
Sanford Fargo Broadway Clinic - Internal Medicine	3.0%	14.5%	11.5%	.	.
Sanford Fargo North Fargo Clinic	9.1%	3.5%	-5.6%	.	>
Sanford Fargo Professional Building - Behavioral Health	6.0%	9.6%	3.7%	.	.
Sanford Fargo Southpointe Clinic - Family Medicine	6.3%	11.8%	5.5%	.	.
Sanford Fargo Southpointe Clinic - Internal Medicine	9.4%	12.3%	2.9%	.	.
Sanford Health Alexandria Broadway Clinic	4.5%	6.4%	1.9%	.	.
Sanford Health Detroit Lakes Clinic	12.4%	10.6%	-1.8%	.	.
Sanford Health Jamestown Clinic	6.3%	8.3%	2.0%	.	.
Sanford Health Wahpeton Clinic	6.9%	8.8%	1.9%	.	.
Sanford Health Walker Clinic	2.7%	9.8%	7.1%	.	.
Sanford Health Watertown Clinic	3.1%	6.2%	3.1%	.	.
Sanford Luverne Clinic	7.3%	14.7%	7.4%	.	.
Sanford Moorhead Clinic - Behavioral Health	14.9%	9.7%	-5.2%	.	>
Sanford Moorhead Clinic - Family Medicine	6.4%	3.0%	-3.4%	.	<
Sanford Sheldon Clinic	6.7%	4.4%	-2.3%	.	.
Sanford Thief River Falls Clinic	4.6%	14.2%	9.6%	Y	.
Sanford Worthington Clinic	3.8%	10.4%	6.6%	.	.
Southwestern Mental Health Center Avera - Worthington	0.0%	0.0%	0.0%	.	.
St Luke's Clinics-Mental Health	0.0%	8.2%	8.2%	Y	.
St Luke's Clinics-P.S. Rudie Medical Clinic	5.7%	2.9%	-2.8%	.	.
St. Croix Regional Medical Center - St. Croix Falls Clinic	2.6%	4.5%	1.9%	.	.
Stark Mental Health Clinic	0.9%	1.9%	0.9%	.	.
Stevens Community Medical Center	0.0%	1.1%	1.1%	.	.
Stillwater Medical Group - Curve Crest Clinic	7.8%	10.1%	2.3%	.	.
Tri-County Health Care - Wadena Clinic	0.0%	1.6%	1.6%	.	.
United Family Medicine	2.0%	4.0%	2.0%	.	.
University of M Health - Fairview Maple Grove Medical Center	1.5%	5.0%	3.4%	.	.
University of Minnesota Health - Primary Care Center	0.0%	0.9%	0.9%	.	.
University of Minnesota Health - Psychiatry Clinic	2.4%	7.8%	5.4%	Y	.
University of Minnesota Health - Smiley's Family Medicine Clinic	2.0%	0.9%	-1.1%	.	<
U of Minnesota Physicians - Bethesda Family Medicine Clinic	2.6%	0.0%	-2.6%	.	.
University of M Physicians - Broadway Family Medicine Clinic	0.0%	0.0%	0.0%	.	.
University of MPhysicians - Phalen Village Family Medicine Clinic	0.8%	0.0%	-0.8%	.	.
West Side Community Health Services - La Clinica	0.0%	2.9%	2.9%	.	.
Western Mental Health Center, Inc.	0.0%	3.5%	3.5%	.	.
Winona Health - Winona Clinic	0.8%	2.9%	2.2%	.	.
Woodland Centers - Montevideo	0.0%	2.8%	2.8%	.	.
Woodland Centers - Willmar	1.1%	4.6%	3.5%	.	.
Zumbro Valley Health Center - Behavioral Health	8.0%	0.0%	-8.0%	Y	>

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

Appropriate Treatment for Children with URI

Sixty medical groups met the minimum reporting requirement of at least 30 patients per purchaser for this analysis. The purchaser performance rate gap at the statewide level is negative three percentage points and is statistically significant. The sign is negative; however, which means the Appropriate Treatment for Children with URI medical group rate for MHCP patients (93 percent) was significantly higher than that of Other Purchasers (90 percent).

Fifteen medical groups had rate gaps of less than one percent suggesting little or no difference between MHCP and Other Purchaser patients. Seventeen medical groups had rates for MHCP patients that were lower than Other Purchasers, and one of those medical groups had a significantly lower MHCP rate compared to Other Purchaser rate. (See Table 38, Column 5) Forty-two 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, 11 medical groups had purchaser gaps that were significantly different than the statewide gap. Eight of those medical groups had a gap that was significantly larger than the statewide gap, while three had a gap significantly smaller than the statewide gap. For six medical groups, their MHCP performance rate was lower than Other Purchasers rate. (See Column 6)

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

- **Park Nicollet Health Services**
- **South Lake Pediatrics**

Table 38: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Appropriate Treatment for Children with URI

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	92.7%	90.1%	-2.6%	Y	
Affiliated Community Medical Centers	91.9%	88.3%	-3.6%	.	.
Alexandria Clinic	77.8%	80.9%	3.1%	.	.
All About Children Pediatrics - Children's Health Network	95.7%	93.9%	-1.8%	.	.
Allina Health	95.5%	93.3%	-2.2%	.	.
Altru Health System	89.4%	85.9%	-3.5%	.	.
Apple Valley Medical Clinic	75.6%	83.3%	7.7%	.	>
Avera Medical Group- McGreevy Clinic, United Medical Center	90.0%	81.4%	-8.6%	.	.
CentraCare Health	94.5%	90.0%	-4.5%	Y	.
Central Pediatrics	97.9%	95.2%	-2.7%	.	.
Children's Clinic Network	95.9%	97.6%	1.7%	.	<
Children's Health Care	94.2%	94.2%	-0.1%	.	.
Emergency Physicians, P.A.	95.8%	93.9%	-1.9%	.	.
Entira Family Clinics (formerly Family Health Services MN)	87.6%	95.8%	8.2%	Y	>
Essentia Health	90.9%	87.5%	-3.4%	.	.
Fairview Medical Group	94.3%	93.9%	-0.4%	.	.
Fairview Mesaba Clinics	89.9%	95.6%	5.6%	.	>
Family Practice Medical Center of Willmar	95.7%	100.0%	4.3%	.	>
Fridley Children's & Teenagers' Medical Center	90.0%	80.5%	-9.5%	.	.
Glencoe Regional Health Services	96.5%	94.6%	-2.0%	.	>
Grand Itasca Clinic	93.8%	75.6%	-18.2%	Y	.
HealthEast Clinics	90.3%	89.6%	-0.7%	.	.
HealthPartners Clinics	97.9%	94.7%	-3.2%	.	.
Hutchinson Health	96.8%	94.6%	-2.2%	Y	.
Lake Region Healthcare	96.1%	91.5%	-4.6%	.	.
Lakeview Clinic	92.0%	94.1%	2.1%	.	.
Lakewood Health System	96.6%	94.4%	-2.2%	.	.
Mankato Clinic, Ltd.	93.9%	90.7%	-3.2%	.	.
Mayo Clinic	89.9%	91.2%	1.3%	.	.
Mayo Clinic Health System - Albert Lea and Austin	94.7%	96.0%	1.3%	.	.
Mayo Clinic Health System - Fairmont	85.2%	83.3%	-1.9%	.	.
Mayo Clinic Health System - Mankato	89.6%	88.6%	-1.0%	.	.
Mayo Clinic Health System - New Prague	90.0%	88.9%	-1.1%	.	.
Mayo Clinic Health System - Red Wing	83.2%	87.2%	4.1%	.	.
Mayo Clinic Health System-Owatonna	91.1%	90.3%	-0.8%	.	.
MinuteClinic	78.6%	69.1%	-9.4%	.	.
Multicare Associates	100.0%	97.0%	-3.0%	Y	.
North Clinic	85.9%	90.6%	4.7%	.	>
North Memorial	100.0%	84.2%	-15.8%	Y	.
Northfield Hospital + Clinics	95.5%	92.0%	-3.5%	.	.
Northwest Family Physicians	94.1%	90.0%	-4.1%	.	.
Olmsted Medical Center	85.1%	76.1%	-9.0%	.	.
Park Nicollet Health Services	96.4%	95.9%	-0.5%	.	<
Pediatric & Young Adult Medicine	94.9%	95.0%	0.1%	.	.
Pediatric Services - Children's Physician Network	98.6%	95.5%	-3.0%	.	.
Priority Pediatrics Urgent Care	97.9%	97.8%	-0.1%	.	.
Ridgeview Clinics	87.1%	89.3%	2.2%	.	.
RiverView Health	55.0%	63.3%	8.3%	.	.
Sanford Health - Fargo Region	91.3%	91.3%	-0.1%	.	.
Sanford Health - Sioux Falls Region	84.7%	84.3%	-0.4%	.	.
Sleepy Eye Medical Center	91.9%	91.1%	-0.8%	.	.
South Lake Pediatrics	100.0%	99.2%	-0.8%	.	<
Southdale Pediatric Associates, Ltd	91.7%	90.0%	-1.7%	.	.
St. Luke's Clinics	89.6%	94.8%	5.2%	.	>
Stellis Health, PA	98.2%	97.5%	-0.7%	.	.
Stevens Community Medical Center	72.7%	84.9%	12.1%	.	.
Target Clinic	93.6%	92.8%	-0.8%	.	.
Unity Family Healthcare - Avon	93.5%	75.7%	-17.8%	Y	>
Wayzata Children's Clinic	96.8%	97.5%	0.7%	.	.
Winona Health Services	96.3%	88.9%	-7.4%	.	.

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

Breast Cancer Screening

Sixty 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 20 percentage points and is statistically significant. This means that the Breast Cancer Screening medical group rate for MHCP patients (63 percent) was significantly lower than that of Other Purchasers (83 percent).

Fifty-eight of the medical groups had rates for MHCP patients that were lower than Other Purchasers; 41 of these medical groups had statistically significant gaps between purchasers within the medical group. (See Table 39, 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, twenty-four medical groups had a gap significantly smaller than the statewide gap. (See column 6)

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

- **Multicare Associates of the Twin Cities**
- **Raiter Clinic, LTD - IHN**

Table 39: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Breast 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	**63.0%**	**82.6%**	**19.6%**	**Y**	
Affiliated Community Medical Centers	72.3%	84.6%	12.3%	Y	<
Alexandria Clinic	84.6%	89.2%	4.6%	.	<
Allina Health Specialties	74.2%	86.3%	12.0%	Y	<
Altru Health System	70.2%	81.8%	11.6%	.	.
Apple Valley Medical Clinic	60.5%	69.6%	9.2%	.	.
Avera Medical Group- McGreevy Clinic, United Medical Center	62.2%	82.9%	20.7%	Y	.
CentraCare Health	70.3%	84.8%	14.5%	.	.
Chippewa County Montevideo Hospital & Medical Clinic	68.5%	83.9%	15.5%	Y	.
Community University Health Care Center	52.6%	64.8%	12.3%	.	.
Cuyuna Regional Medical Center	69.7%	80.8%	11.1%	.	.
Entira Family Clinics (formerly Family Health Services MN)	52.2%	72.2%	19.9%	Y	.
Essentia Health	70.0%	84.9%	15.0%	Y	<
Fairview Medical Group	71.1%	82.7%	11.6%	Y	<
Fairview Mesaba Clinics	58.2%	77.5%	19.2%	Y	.
Family Practice Medical Center of Willmar	59.6%	83.7%	24.2%	Y	.
FirstLight Health System	64.5%	81.0%	16.5%	Y	.
Glencoe Regional Health Services	55.8%	77.6%	21.8%	Y	.
Glenwood Medical Center	73.3%	76.8%	3.4%	.	<
Grand Itasca Clinic	57.5%	80.3%	22.8%	Y	.
Gundersen Health System	71.1%	88.4%	17.3%	Y	.
HealthEast Clinics	70.2%	78.2%	7.9%	Y	<
HealthPartners Clinics	78.2%	88.3%	10.2%	Y	<
Hennepin County Medical Center (HCMC) Clinics	64.4%	74.7%	10.3%	Y	<
Hutchinson Health	67.8%	79.3%	11.5%	Y	.
Lake Region Healthcare	68.1%	81.5%	13.4%	Y	.
Lakeview Clinic	57.0%	79.0%	22.0%	Y	.
Lakewood Health System	65.4%	82.1%	16.7%	Y	.
Mankato Clinic, Ltd.	71.0%	84.8%	13.8%	Y	.
Mayo Clinic	75.5%	88.5%	13.1%	Y	<
Mayo Clinic Health System - Albert Lea and Austin	69.9%	85.7%	15.8%	Y	<
Mayo Clinic Health System - Fairmont	61.8%	89.2%	27.4%	Y	.
Mayo Clinic Health System - Franciscan Healthcare in La Crosse	75.6%	86.0%	10.3%	Y	.
Mayo Clinic Health System - Lake City	73.9%	83.0%	9.1%	Y	.
Mayo Clinic Health System - Mankato	82.6%	83.3%	0.7%	.	<
Mayo Clinic Health System - Red Wing	67.0%	80.5%	13.5%	Y	<
Mayo Clinic Health System - Waseca	80.7%	86.8%	6.1%	.	<
Mayo Clinic Health System-Owatonna	77.6%	86.4%	8.8%	Y	<
Mille Lacs Health System	71.0%	73.0%	2.1%	.	<
Multicare Associates	80.4%	75.7%	-4.7%	.	<
North Clinic	66.0%	78.1%	12.0%	Y	.
North Memorial	60.1%	77.6%	17.5%	Y	.
NorthPoint Health & Wellness Center	76.8%	86.3%	9.5%	.	.
Northwest Family Physicians	59.5%	70.7%	11.2%	Y	.
Olmsted Medical Center	63.7%	80.9%	17.3%	Y	.
Open Cities Health Center	58.8%	61.5%	2.8%	.	.
Park Nicollet Health Services	67.4%	85.6%	18.2%	Y	.
Raiter Clinic, LTD - IHN	73.3%	68.3%	-5.1%	.	<
Ridgeview Clinics	47.5%	73.2%	25.6%	Y	.
Sanford Health - Fargo Region	70.8%	83.1%	12.3%	Y	<
Sanford Health - Sioux Falls Region	69.6%	86.0%	16.4%	Y	.
Scenic Rivers Health Services	72.2%	77.0%	4.8%	.	<
St. Luke's Clinics	55.0%	77.5%	22.5%	Y	.
Stellis Health, PA	78.2%	80.8%	2.6%	.	<
Stevens Community Medical Center	56.3%	80.2%	23.9%	Y	.
Tri-County Health Care	63.0%	69.9%	6.8%	.	<
United Family Medicine	72.0%	80.2%	8.3%	.	<
Unity Family Healthcare - Avon	55.4%	79.0%	23.6%	Y	<
University of Minnesota Physicians	79.2%	85.7%	6.5%	.	.
West Side Community Health Services	56.9%	73.0%	16.1%	Y	.
Winona Health Services	50.0%	80.7%	30.7%	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

Optimal Diabetes Care

Three hundred and sixty-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 15 percentage points and is statistically significant. This means the Optimal Diabetes Care statewide rate for MHCP patients (33 percent) was significantly lower than that of Other Purchasers (48 percent).

Of those 368 clinics, 344 had rates for MHCP patients that were lower than Other Purchasers; and of those clinics, 194 had significant gaps between purchasers. (See Table 40, Column 5) This means that 194 clinics had significantly lower performance rates compared to Other Purchasers. Of the 368 clinics, 24 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4) and two of those clinics had a difference that was statistically significant.

We also assessed whether the value of the gap between purchasers at a clinic level was significantly different than the gap at the statewide level. Ten clinics had a significantly larger purchaser gap than the statewide gap; 57 clinics had a significantly smaller purchaser gap than the statewide gap. And of those 57 clinics, 22 had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **12 clinics** listed below in alphabetical order had a higher rate for MHCP patients compared to Other Purchasers, a MHCP rate higher than the statewide MHCP average and had a purchaser rate gap that was significantly lower than that found for the statewide purchaser rate gap. Table 40 summarizes these findings.

- **Community-University Health Care Center**
- **Fairview Bloomington Lake Xerxes**
- **Fairview EdenCenter Clinic**
- **HealthEast Roseville Clinic**
- **HealthPartners - Ctr for Internatl Hlth**
- **Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park Clinic**
- **Hennepin County Medical Center (HCMC) Clinics - Golden Valley Clinic**
- **Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic**
- **Mayo Clinic Health System Cannon Falls**
- **North Memorial Clinic - Plymouth City Center**
- **Park Nicollet Clinic - Creekside**
- **Sanford Health Pierre Clinic**
- **Community-University Health Care Center**

Table 40: 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	32.5%	47.6%	15.1%	Y	
Advanced Medical Clinic, Inc.	33.3%	17.7%	-15.7%	.	.
Affiliated Community Medical Centers - Granite Falls Clinic	23.8%	44.7%	20.9%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (East)	37.3%	59.1%	21.8%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	40.9%	42.8%	1.9%	.	.
Affiliated Community Medical Centers - New London Clinic	30.0%	49.6%	19.6%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	29.3%	45.6%	16.2%	Y	.
Affiliated Community Medical Centers - Willmar Clinic	36.6%	47.4%	10.8%	Y	.
Affiliated Community Medical Centers- Marshall Clinic	36.9%	51.8%	14.9%	Y	.
Alexandria Clinic, A Service of Douglas County Hospital	28.2%	46.1%	17.9%	Y	.
Allina Health - Annandale	42.2%	50.0%	7.8%	.	.
Allina Health - Bandana Square	33.0%	54.9%	21.8%	Y	.
Allina Health - Blaine	52.6%	54.8%	2.2%	.	.
Allina Health - Bloomington	38.4%	47.9%	9.5%	.	.
Allina Health - Brooklyn Park	36.7%	55.8%	19.1%	Y	.
Allina Health - Buffalo	34.8%	56.4%	21.6%	Y	.
Allina Health - Burnsville	41.4%	45.6%	4.2%	.	.
Allina Health - Cambridge	31.4%	41.8%	10.4%	Y	.
Allina Health - Centennial Lakes	40.5%	58.1%	17.5%	Y	.
Allina Health - Champlin	39.1%	46.2%	7.1%	.	.
Allina Health - Chanhassen	38.7%	51.1%	12.4%	.	.
Allina Health - Chaska	39.0%	54.9%	15.9%	.	.
Allina Health - Cokato	30.3%	50.0%	19.7%	Y	.
Allina Health - Coon Rapids	41.3%	55.8%	14.4%	Y	.
Allina Health - Cottage Grove	35.8%	45.3%	9.5%	Y	.
Allina Health - Eagan	50.5%	58.0%	7.6%	.	.
Allina Health - East Lake Street	35.3%	41.9%	6.6%	.	.
Allina Health - Edina	44.0%	48.8%	4.8%	.	.
Allina Health - Edina Family Physicians	18.0%	31.4%	13.4%	Y	.
Allina Health - Elk River	33.8%	46.7%	12.9%	Y	.
Allina Health - Faribault	39.3%	45.7%	6.5%	.	<
Allina Health - Farmington	45.6%	51.6%	5.9%	.	.
Allina Health - First Street	27.5%	47.0%	19.5%	Y	.
Allina Health - Forest Lake	40.7%	57.8%	17.1%	Y	.
Allina Health - Fridley	35.7%	49.9%	14.2%	Y	.
Allina Health - Highland Park	38.7%	59.2%	20.5%	Y	.
Allina Health - Hopkins	34.3%	39.5%	5.3%	.	.
Allina Health - Inver Grove Heights	26.9%	46.9%	20.0%	Y	.
Allina Health - Isles	37.3%	51.9%	14.6%	Y	.
Allina Health - Lakeville	25.0%	46.3%	21.3%	Y	.
Allina Health - Maple Grove	32.1%	49.3%	17.2%	Y	.
Allina Health - Maplewood	42.3%	55.7%	13.3%	Y	.
Allina Health - Nicollet Mall	35.5%	50.7%	15.2%	Y	.
Allina Health - Northfield	36.3%	45.1%	8.8%	Y	.
Allina Health - Plymouth	38.6%	51.1%	12.5%	Y	.
Allina Health - Ramsey	38.8%	50.9%	12.1%	Y	.
Allina Health - Richfield	37.4%	53.1%	15.7%	Y	.
Allina Health - Savage	45.5%	51.0%	5.5%	.	.
Allina Health - Shakopee	36.5%	48.2%	11.7%	Y	.
Allina Health - Shoreview	39.4%	60.6%	21.2%	Y	.
Allina Health - St. Michael	43.2%	43.2%	-0.1%	.	.
Allina Health - United Medical Specialties	31.3%	53.5%	22.1%	Y	>
Allina Health - Uptown	28.2%	56.8%	28.6%	Y	.
Allina Health - Vadnais Heights	37.5%	55.7%	18.2%	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 – 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	32.5%	47.6%	15.1%	Y	
Allina Health - West St. Paul	38.2%	56.5%	18.3%	Y	.
Allina Health - Woodbury	38.9%	49.3%	10.4%	Y	.
Allina Health Specialties - ANMGA - Mpls	23.5%	25.9%	2.4%	.	.
Allina Health Specialties - New Ulm Medical Center	32.8%	43.7%	10.9%	Y	.
Altru Health System - Crookston	34.5%	53.8%	19.3%	Y	.
Altru Health System - Family Medicine Center	20.0%	49.3%	29.3%	Y	>
Altru Health System - Grand Forks Family Medicine Residency	17.0%	36.5%	19.5%	Y	.
Altru Health System - Lake Region	24.0%	44.0%	20.0%	Y	.
Altru Health System - Main	26.9%	41.5%	14.7%	Y	.
Altru Health System - Roseau	34.8%	44.2%	9.4%	.	.
Apple Valley Medical Clinic - Family Practice	42.5%	47.2%	4.6%	.	<
Avera - Pipestone County Medical Center	28.1%	38.2%	10.1%	.	.
Avera Medical Group - Marshall	31.0%	46.4%	15.4%	Y	.
Avera Medical Group - Worthington	28.8%	46.7%	18.0%	Y	.
Cedar Riverside People's Center - People's Center Medical Clinic	19.5%	20.0%	0.6%	.	<
CentraCare Clinic - Northway	39.2%	61.5%	22.3%	Y	.
Centracare Clinic-Albany	33.3%	54.0%	20.7%	Y	.
Centracare Clinic-SCMG Clearwater Medical Clinic	30.3%	47.8%	17.5%	.	.
Centracare Clinic-SCMG Northwest	24.8%	41.7%	16.9%	Y	.
Centracare Clinic-SCMG St. Cloud Medical Group South	33.9%	42.8%	8.9%	.	.
CentraCare Health- Family Health Center	28.6%	38.3%	9.7%	Y	.
CentraCare Health- Long Prairie	39.0%	45.4%	6.4%	.	.
CentraCare Health- Melrose	46.2%	51.8%	5.7%	.	.
CentraCare Health- Paynesville Clinic	22.2%	45.1%	22.9%	Y	.
CentraCare Health Plaza-Endocrinology	30.8%	44.6%	13.9%	Y	.
CentraCare Health Plaza-Family Medicine	42.4%	53.9%	11.5%	Y	.
CentraCare Health Plaza-Internal Medicine	40.3%	57.1%	16.8%	Y	.
CentraCare Health- Sauk Centre	32.7%	42.0%	9.3%	.	.
CentraCare River Campus-Internal Medicine	56.1%	65.8%	9.7%	.	.
Community-University Health Care Center	35.8%	27.7%	-8.2%	.	<
Cuyuna Regional Medical Center-Clinic Services	23.1%	36.7%	13.6%	Y	.
Duluth Family Medicine Clinic	21.1%	30.6%	9.5%	Y	.
EH Central Baxter Clinic	40.4%	49.7%	9.4%	.	.
EH Central Brainerd Clinic	34.3%	48.7%	14.4%	Y	.
EH Central Pine River Clinic	29.3%	39.6%	10.2%	.	.
EH East Ashland Clinic	23.2%	46.0%	22.8%	Y	.
EH East Deer River Clinic	30.8%	46.2%	15.4%	Y	.
EH East Duluth Clinic	27.5%	28.9%	1.4%	.	<
EH East Duluth Clinic 1st St	30.6%	50.0%	19.4%	Y	.
EH East Ely Clinic	38.5%	48.0%	9.5%	.	.
EH East Grand Rapids Clinic	22.6%	39.8%	17.3%	.	.
EH East Hayward Clinic	26.3%	49.5%	23.2%	Y	.
EH East Hermantown Clinic	39.7%	53.5%	13.8%	Y	.
EH East Hibbing Clinic	37.7%	56.3%	18.5%	Y	.
EH East International Falls Clinic	21.7%	46.5%	24.8%	Y	.
EH East Lakeside Clinic	29.6%	49.4%	19.8%	Y	.
EH East Lakewalk Clinic	40.9%	48.1%	7.2%	.	.
EH East Northern Pines Clinic	35.2%	52.5%	17.3%	Y	.
EH East Proctor Clinic	28.2%	44.9%	16.7%	Y	.
EH East Spooner Clinic	28.3%	55.7%	27.4%	Y	.
EH East Superior Clinic	22.3%	48.4%	26.1%	Y	>
EH East Virginia Clinic	26.5%	46.4%	19.9%	Y	.
EH East West Duluth Clinic	24.4%	48.4%	24.0%	Y	>

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

Table 40: 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	32.5%	47.6%	15.1%	Y	
EH West Detroit Lakes Clinic	30.3%	49.8%	19.5%	Y	.
EH West Fosston Clinic	25.3%	40.3%	15.0%	Y	.
EH West Moorhead	35.4%	51.0%	15.6%	Y	.
EH West Park Rapids Clinic	29.8%	46.5%	16.7%	Y	.
EH West South University Clinic	19.7%	47.4%	27.7%	Y	>
EH West Walker Clinic	26.5%	50.0%	23.5%	Y	.
Entira Family Clinics - Como/Roseville	39.0%	52.1%	13.1%	.	.
Entira Family Clinics - East Side	44.0%	54.8%	10.8%	Y	.
Entira Family Clinics - Inver Grove Heights	35.0%	54.6%	19.6%	Y	.
Entira Family Clinics - Maplewood/Battle Creek	25.0%	38.7%	13.7%	Y	.
Entira Family Clinics - North St. Paul	39.5%	55.5%	15.9%	Y	.
Entira Family Clinics - Vadnais Heights	47.4%	62.3%	14.9%	.	.
Entira Family Clinics - West St. Paul	40.7%	57.7%	16.9%	Y	.
Entira Family Clinics - White Bear Lake-Bellaire Avenue	29.0%	61.3%	32.2%	Y	.
Entira Family Clinics - Woodbury	46.3%	53.1%	6.8%	.	.
Fairview Andover Clinic	46.1%	56.4%	10.3%	.	.
Fairview Apple Valley Clinic	45.4%	53.8%	8.4%	.	.
Fairview Bass Lake Clinic	44.9%	55.0%	10.1%	.	.
Fairview Blaine Clinic	56.9%	57.2%	0.3%	.	<
Fairview Bloomington Lake Minneapolis	47.7%	48.1%	0.4%	.	<
Fairview Bloomington Lake Xerxes	63.2%	53.7%	-9.5%	.	<
Fairview Brooklyn Park Clinic	44.1%	55.2%	11.1%	Y	.
Fairview Burnsville Clinic	47.8%	57.2%	9.4%	Y	.
Fairview Chisago Lakes Clinic	35.3%	59.3%	24.0%	Y	.
Fairview Columbia Heights Clinic	35.5%	54.2%	18.7%	Y	.
Fairview Crosstown Clinic	53.2%	55.9%	2.7%	.	<
Fairview Eagan Clinic	56.0%	62.4%	6.4%	.	.
Fairview EdenCenter Clinic	58.2%	55.4%	-2.8%	.	<
Fairview Elk River Clinic	49.1%	53.5%	4.4%	.	.
Fairview Fridley Clinic	46.6%	55.5%	9.0%	Y	.
Fairview Hiawatha Clinic	44.2%	56.2%	12.0%	Y	.
Fairview Highland Park Clinic	55.0%	56.4%	1.4%	.	.
Fairview Lakes Medical Center	42.5%	56.6%	14.1%	Y	.
Fairview Lino Lakes Clinic	31.5%	56.9%	25.4%	Y	.
Fairview Milaca Clinic	43.6%	62.6%	18.9%	Y	.
Fairview New Brighton Clinic	41.2%	54.6%	13.3%	Y	.
Fairview North Branch Clinic	50.0%	61.6%	11.6%	.	.
Fairview Oxboro Clinic	48.6%	59.1%	10.5%	Y	.
Fairview Pine City Clinic	33.3%	48.8%	15.5%	.	.
Fairview Princeton Clinic	37.3%	50.9%	13.7%	Y	.
Fairview Riverside Family Practice	40.4%	43.2%	2.9%	.	.
Fairview Riverside Integrated Primary Care	21.5%	24.5%	2.9%	.	.
Fairview Rosemount Clinic	57.8%	64.3%	6.5%	.	.
Fairview Rush City Clinic	34.4%	59.7%	25.4%	Y	.
Fairview Uptown Clinic	40.9%	58.0%	17.1%	Y	.
Fairview Zimmerman Clinic	31.0%	57.8%	26.8%	Y	.
Family Medical Center	26.3%	42.1%	15.8%	Y	.
FirstLight Health System - Mora	28.4%	41.6%	13.2%	Y	.
FirstLight Health System - Pine City	23.4%	30.0%	6.6%	.	.
Gateway Family Health Clinic - Moose Lake	34.8%	36.6%	1.8%	.	<
Gateway Family Health Clinic - Sandstone	30.7%	36.2%	5.5%	.	.
Glencoe Regional Health Services - Glencoe	38.0%	45.8%	7.8%	.	.
Grand Itasca Clinic	21.3%	37.8%	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 40: 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	32.5%	47.6%	15.1%	Y	
HealthEast Cottage Grove Clinic	33.3%	45.2%	11.9%	.	.
HealthEast Downtown St. Paul Clinic	36.7%	45.2%	8.6%	.	.
HealthEast Grand Avenue Clinic	41.1%	43.2%	2.1%	.	<
HealthEast Maplewood Clinic	23.3%	39.6%	16.3%	Y	.
HealthEast Midway Clinic	36.9%	53.5%	16.6%	Y	.
HealthEast Oakdale	36.8%	42.1%	5.4%	.	.
HealthEast Rice Street Clinic	31.8%	37.1%	5.3%	.	<
HealthEast Roselawn Clinic	30.8%	36.3%	5.5%	.	<
HealthEast Roseville Clinic	52.9%	42.5%	-10.5%	.	<
HealthEast Tamarack Clinic Woodbury	31.4%	40.5%	9.1%	.	.
HealthEast Vadnais Heights Clinic	24.5%	44.4%	20.0%	Y	.
HealthEast Woodbury Clinic	27.9%	46.3%	18.5%	Y	.
HealthPartners - Andover	27.1%	54.3%	27.1%	Y	.
HealthPartners - Anoka	26.6%	50.1%	23.4%	Y	>
HealthPartners - Apple Valley	37.5%	51.4%	13.9%	Y	.
HealthPartners - Arden Hills	48.0%	60.1%	12.1%	Y	.
HealthPartners - Bloomington	38.6%	47.5%	8.9%	.	.
HealthPartners - Brooklyn Center	43.3%	56.3%	13.0%	Y	.
HealthPartners - Como	29.6%	50.6%	21.0%	Y	.
HealthPartners - Coon Rapids	46.6%	54.0%	7.4%	.	.
HealthPartners - Ctr for Internatl Hlth	50.8%	47.2%	-3.6%	.	<
HealthPartners - Eagan	45.2%	54.9%	9.7%	.	.
HealthPartners - Elk River	48.9%	57.4%	8.5%	.	.
HealthPartners - Hlth Ctr for Women	42.2%	53.9%	11.7%	.	.
HealthPartners - Inver Grove Heights	20.8%	47.5%	26.7%	Y	.
HealthPartners - Maplewood	31.6%	51.3%	19.7%	Y	.
HealthPartners - Midway	36.8%	42.1%	5.3%	.	<
HealthPartners - Nokomis	31.1%	51.5%	20.4%	Y	.
HealthPartners - Riverside	45.1%	53.9%	8.8%	.	.
HealthPartners - Roseville	34.6%	58.0%	23.5%	Y	.
HealthPartners - Specialty Center 401	24.0%	44.8%	20.8%	Y	.
HealthPartners - St Paul	27.9%	45.3%	17.5%	Y	.
HealthPartners - University Ave	34.1%	53.5%	19.4%	Y	.
HealthPartners - West	49.3%	57.3%	8.0%	.	.
HealthPartners - White Bear Lake	41.4%	57.5%	16.1%	Y	.
HealthPartners - Woodbury	40.5%	53.6%	13.1%	Y	.
HealthPartners Central Minnesota Clinics	34.6%	46.7%	12.1%	Y	.
HCMC Clinics - Brooklyn Center Clinic	32.7%	36.0%	3.2%	.	<
HCMC Clinics - Brooklyn Park Clinic	37.8%	34.4%	-3.4%	.	<
HCMC Clinics - Coordinated Care Clinic	8.3%	15.4%	7.1%	.	.
HCMC Clinics - Downtown Medicine Clinic	23.1%	26.5%	3.4%	.	<
HCMC Clinics - East Lake Clinic	32.5%	30.0%	-2.5%	.	<
HCMC Clinics - Golden Valley Clinic	40.9%	39.0%	-1.9%	.	<
HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	24.1%	36.0%	11.9%	Y	.
HCMC Clinics - Internal Medicine Clinic at Parkside	29.8%	34.3%	4.5%	.	<
HCMC Clinics - Positive Care Clinic	17.4%	25.0%	7.6%	.	.
HCMC Clinics - Richfield Clinic	34.4%	32.4%	-2.0%	.	<
HCMC Clinics - St. Anthony Village Clinic	39.6%	41.1%	1.5%	.	.
HCMC Clinics - Whittier Clinic	25.1%	27.5%	2.4%	.	<
Hutchinson Health - Hutchinson Clinic	36.6%	39.8%	3.2%	.	<
Indian Health Board of Minneapolis	12.9%	26.5%	13.5%	Y	.
Integracare Ltd dba Williams Clinic	21.2%	24.1%	2.9%	.	.
Johnson Memorial Health Services - Dawson Clinic	32.3%	51.6%	19.4%	.	.

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

Table 40: 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	32.5%	47.6%	15.1%	Y	
Lake Region Healthcare Clinic Services - Fergus Falls	30.9%	38.0%	7.2%	.	<
Lake Superior Community Health Center - Duluth	20.0%	29.3%	9.3%	.	.
Lake View Clinic - Two Harbors	14.8%	37.0%	22.2%	Y	.
LakeWood Health Center Clinic	6.7%	22.1%	15.4%	.	.
Lakewood Health System - Browerville Clinic	38.5%	49.0%	10.5%	.	.
Lakewood Health System - Motley Clinic	29.0%	38.9%	9.9%	.	.
Lakewood Health System - Pillager Clinic	26.9%	36.0%	9.1%	.	.
Lakewood Health System - Staples Clinic	23.7%	31.9%	8.2%	.	.
Mankato Clinic - Main Street	34.4%	46.4%	12.1%	Y	.
Mankato Clinic - North Mankato	22.5%	47.5%	25.0%	Y	.
Mankato Clinic - Wickersham Campus	30.0%	51.4%	21.4%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	36.9%	46.9%	10.0%	.	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	38.1%	49.8%	11.7%	Y	.
Mayo Clinic - Kasson	25.9%	40.5%	14.6%	Y	.
Mayo Clinic - Northeast	33.7%	48.7%	15.0%	Y	.
Mayo Clinic - Northwest	38.7%	44.1%	5.4%	.	.
Mayo Clinic - Speciality Practice	25.1%	35.0%	9.8%	Y	.
Mayo Clinic Health System Albert Lea	29.0%	45.5%	16.5%	Y	.
Mayo Clinic Health System Austin	30.3%	43.7%	13.4%	Y	.
Mayo Clinic Health System Cannon Falls	37.5%	34.0%	-3.5%	.	<
Mayo Clinic Health System Fairmont	38.5%	49.1%	10.6%	Y	.
Mayo Clinic Health System Faribault Hwy 60	48.5%	55.0%	6.5%	.	.
Mayo Clinic Health System Lake City	36.0%	49.6%	13.6%	.	.
Mayo Clinic Health System Le Sueur	42.9%	55.0%	12.1%	.	.
Mayo Clinic Health System Mankato Eastridge	40.5%	56.0%	15.4%	Y	.
Mayo Clinic Health System Mankato Northridge	37.0%	57.9%	20.9%	Y	.
Mayo Clinic Health System Mankato Specialty Clinic	35.9%	51.9%	16.0%	Y	.
Mayo Clinic Health System Owatonna	38.1%	48.7%	10.6%	Y	.
Mayo Clinic Health System Plainview	40.0%	40.7%	0.7%	.	.
Mayo Clinic Health System Red Wing	40.5%	50.0%	9.5%	Y	.
Mayo Clinic Health System Red Wing in Zumbrota	40.0%	44.6%	4.6%	.	.
Mayo Clinic Health System St. James	29.7%	48.8%	19.1%	Y	.
Mayo Clinic Health System St. Peter	46.9%	59.5%	12.7%	Y	.
Mayo Clinic Health System Wabasha	27.3%	48.6%	21.3%	Y	.
Mayo Clinic Health System Waseca	32.9%	61.8%	28.9%	Y	>
Mayo Family Clinic Southeast	30.3%	49.6%	19.3%	Y	.
Mille Lacs Health System - Isle	23.2%	12.9%	-10.3%	Y	<
Mille Lacs Health System - Onamia	22.6%	12.3%	-10.2%	Y	<
Native American Community Clinic	19.4%	24.8%	5.5%	.	<
Neighborhood HealthSource - Fremont Clinic	25.4%	32.1%	6.7%	.	.
Neighborhood HealthSource - Sheridan Clinic	23.3%	23.3%	0.0%	.	.
Neighborhood HealthSource-Central Clinic	23.3%	23.9%	0.6%	.	<
North Clinic - Maple Grove Office	28.8%	36.1%	7.3%	.	.
North Clinic - Oakdale Office in Robbinsdale	32.4%	27.6%	-4.8%	.	<
North Clinic - Osseo Office	18.9%	35.6%	16.7%	Y	.
North Clinic - Plymouth	29.3%	42.0%	12.7%	Y	.
North Memorial Clinic - Arbor Lakes	36.1%	46.3%	10.2%	.	.
North Memorial Clinic - Blaine	30.0%	42.7%	12.7%	.	.
North Memorial Clinic - Brooklyn Center Physicians	29.0%	45.4%	16.4%	Y	.
North Memorial Clinic - Brooklyn Park Physicians	34.5%	38.9%	4.4%	.	<
North Memorial Clinic - Camden	33.3%	46.5%	13.2%	Y	.
North Memorial Clinic - Elk River Physicians	18.4%	47.0%	28.6%	Y	.
North Memorial Clinic - Golden Valley Physicians	30.8%	42.9%	12.2%	.	.

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Table 40: 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	32.5%	47.6%	15.1%	Y	
North Memorial Clinic - Maple Grove	36.2%	50.4%	14.2%	.	.
North Memorial Clinic - New Hope	43.6%	56.2%	12.6%	.	.
North Memorial Clinic - Northeast Family Physicians	34.6%	49.6%	15.0%	.	.
North Memorial Clinic - Plymouth City Center	51.6%	41.9%	-9.7%	.	<
North Memorial Clinic - St. Anthony	34.4%	45.1%	10.7%	.	.
NorthPoint Health & Wellness Center	22.3%	24.2%	2.0%	.	<
Northwest Family Physicians - Crystal	25.4%	32.9%	7.5%	.	.
Olmsted Medical Center - Rochester Northwest	36.7%	49.1%	12.5%	.	.
Olmsted Medical Center - Rochester Southeast	30.8%	43.8%	13.0%	Y	.
Olmsted Medical Center - Stewartville Clinic	17.1%	34.3%	17.2%	Y	.
Open Cities Health (Dunlap) - Family Medicine	12.0%	16.7%	4.7%	.	<
Open Cities Health Center (Northend)- Family Medicine	7.6%	6.5%	-1.1%	.	<
Open Door Health Center	8.7%	11.8%	3.1%	.	<
Ortonville Area Health Services-Northside Medical Clinic	38.1%	48.2%	10.2%	.	.
Park Nicollet Clinic - Bloomington	37.8%	52.5%	14.7%	Y	.
Park Nicollet Clinic - Brookdale	40.5%	53.6%	13.1%	Y	.
Park Nicollet Clinic - Burnsville	44.1%	55.9%	11.8%	Y	.
Park Nicollet Clinic - Carlson	35.9%	58.1%	22.2%	Y	.
Park Nicollet Clinic - Chanhassen	38.0%	50.9%	12.9%	Y	.
Park Nicollet Clinic - Creekside	37.5%	36.5%	-1.0%	.	<
Park Nicollet Clinic - Eagan	37.5%	52.3%	14.8%	Y	.
Park Nicollet Clinic - Endocrinology	30.8%	46.4%	15.6%	Y	.
Park Nicollet Clinic - Golden Valley	44.2%	68.8%	24.6%	Y	.
Park Nicollet Clinic - Maple Grove	39.5%	52.9%	13.5%	Y	.
Park Nicollet Clinic - Minneapolis	35.5%	40.6%	5.2%	.	<
Park Nicollet Clinic - Plymouth	30.0%	47.7%	17.7%	Y	.
Park Nicollet Clinic - Prairie Center	38.6%	58.4%	19.8%	Y	.
Park Nicollet Clinic - Prior Lake	44.7%	53.5%	8.8%	.	.
Park Nicollet Clinic - Shakopee	46.2%	53.6%	7.5%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	33.8%	48.6%	14.8%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	40.3%	55.1%	14.7%	Y	.
Prairie Ridge Hospital & Health Services - Elbow Lake	3.2%	29.6%	26.3%	Y	.
Raiter Clinic	24.6%	31.4%	6.8%	.	<
RR Health Services dba Fairview Mesaba Clinic - Hibbing	21.5%	47.6%	26.0%	Y	>
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	24.3%	42.1%	17.8%	Y	.
RR Health Services dba Fairview Mesaba Clinic - Nashwauk	31.6%	51.3%	19.7%	Y	.
Renville County Hospital and Clinics - Olivia	23.3%	39.1%	15.8%	Y	.
Ridgeview Specialty Clinic - Endocrinology - Waconia	31.3%	38.7%	7.5%	.	.
Ridgeview Westonka Clinic	29.3%	39.3%	10.0%	.	.
RiverView Clinic	23.0%	33.0%	10.1%	.	.
Riverwood Aitkin Clinic	24.7%	35.1%	10.4%	.	.
Riverwood McGregor Clinic	15.4%	30.5%	15.1%	Y	.
Sanford Aberdeen Clinic	42.4%	46.8%	4.4%	.	<
Sanford Bagley Clinic	20.8%	31.9%	11.1%	.	.
Sanford Bemidji 1611 Anne St Clinic - Family Medicine	21.1%	47.3%	26.3%	Y	.
Sanford Bemidji Main Clinic - Endocrinology	22.2%	34.7%	12.4%	.	.
Sanford Bemidji Main Clinic - Family Medicine	28.5%	45.1%	16.6%	Y	.
Sanford East Grand Forks Clinic	33.3%	57.7%	24.3%	Y	.
Sanford Fargo Broadway Clinic - Internal Medicine	30.2%	55.7%	25.5%	Y	.
Sanford Fargo North Fargo Clinic	25.5%	53.6%	28.1%	Y	.
Sanford Fargo Resident Clinic	27.8%	41.3%	13.5%	.	.
Sanford Fargo Southpointe Clinic - Endocrinology	22.6%	40.0%	17.4%	Y	.
Sanford Fargo Southpointe Clinic - Family Medicine	49.0%	50.8%	1.7%	.	.

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< = Significantly smaller purchaser gap within Medical Group than the statewide gap
> = Significantly larger purchaser gap within Medical Group than the statewide gap

Table 40: 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	32.5%	47.6%	15.1%	Y	
Sanford Fargo Southpointe Clinic - Internal Medicine	34.6%	58.0%	23.4%	Y	.
Sanford Health Alexandria Broadway Clinic	27.5%	41.1%	13.6%	Y	.
Sanford Health Detroit Lakes Clinic	34.7%	44.6%	9.9%	.	.
Sanford Health Jamestown Clinic	30.4%	46.9%	16.6%	Y	.
Sanford Health Pierre Clinic	52.8%	45.9%	-6.9%	.	<
Sanford Health Vermillion Clinic	51.5%	59.2%	7.6%	.	.
Sanford Health Wahpeton Clinic	23.1%	43.2%	20.1%	Y	.
Sanford Health Watertown Clinic	38.2%	52.2%	14.0%	.	.
Sanford Luverne Clinic	35.6%	52.6%	17.1%	Y	.
Sanford Moorhead Clinic - Family Medicine	25.9%	45.7%	19.8%	Y	.
Sanford Moorhead Clinic - Internal Medicine	32.7%	57.2%	24.6%	Y	.
Sanford Sheldon Clinic	25.8%	41.8%	16.0%	.	.
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	30.4%	42.8%	12.3%	.	.
Sanford Sioux Falls 41st & Sertoma Family Medicine Clinic	37.1%	47.7%	10.5%	.	.
Sanford Sioux Falls 49th & Oxbow Family Medicine Clinic	36.4%	41.9%	5.5%	.	.
Sanford Sioux Falls 4th & Sycamore Family Medicine Clinic	32.4%	38.7%	6.3%	.	.
Sanford Sioux Falls 69th & Minnesota Family Medicine Clinic	26.3%	48.9%	22.6%	Y	.
Sanford Sioux Falls Diabetes and Thyroid Clinic	38.3%	41.8%	3.5%	.	<
Sanford Sioux Falls Internal Medicine Clinic	42.5%	55.5%	13.0%	.	.
Sanford Thief River Falls Clinic	35.9%	56.4%	20.6%	Y	.
Sanford Worthington Clinic	38.8%	56.4%	17.6%	Y	.
Scenic Rivers Health Services - Bigfork/Big Falls	28.0%	37.9%	9.9%	.	.
Sleepy Eye Medical Center	32.3%	30.3%	-1.9%	.	<
Southside Medical Clinic	32.9%	35.4%	2.5%	.	.
St Luke's Clinics-Chequamegon Clinic	16.7%	30.1%	13.4%	.	.
St Luke's Clinics-Denfeld	30.4%	32.6%	2.2%	.	<
St Luke's Clinics-Endocrinology Associates	27.5%	33.7%	6.2%	.	.
St Luke's Clinics-Hibbing Family Medical Clinic	20.0%	31.6%	11.6%	Y	.
St Luke's Clinics-Internal Medicine Associates	28.7%	37.6%	8.8%	.	.
St Luke's Clinics-Laurentian	21.2%	32.9%	11.7%	.	.
St Luke's Clinics-Mount Royal	16.7%	32.7%	16.0%	.	.
St Luke's Clinics-P.S. Rudie Medical Clinic	36.9%	48.2%	11.3%	.	.
St. Croix Regional Medical Center - St. Croix Falls Clinic	22.7%	38.2%	15.5%	Y	.
Stellis Health-Buffalo Clinic	27.6%	42.2%	14.6%	Y	.
Stellis Health-Monticello Clinic	33.0%	48.7%	15.7%	Y	.
Stillwater Medical Group - Curve Crest Clinic	34.1%	57.9%	23.7%	Y	>
Tri-County Health Care - Wadena Clinic	27.3%	34.4%	7.1%	.	.
Tyler Medical Clinic - Avera	24.3%	44.2%	19.9%	Y	.
United Family Medicine	26.3%	30.3%	4.0%	.	<
University of Minnesota Health - Endocrine Clinic	30.3%	40.2%	9.9%	Y	.
University of M Health - Fairview Maple Grove Medical Center	40.7%	44.4%	3.7%	.	<
University of Minnesota Health - Primary Care Center	35.0%	36.8%	1.7%	.	<
University of Minnesota Health - Smiley's Family Medicine Clinic	33.6%	37.0%	3.4%	.	<
University of M Physicians - Bethesda Family Medicine Clinic	26.2%	24.4%	-1.8%	.	<
University of M Physicians - Broadway Family Medicine Clinic	20.7%	23.6%	2.9%	.	<
U of M Physicians - Phalen Village Family Medicine Clinic	23.1%	30.8%	7.7%	.	.
West Side Community Health Services - East Side Family Clinic	21.0%	19.0%	-2.1%	.	<
West Side Community Health Services - La Clinica	26.4%	23.2%	-3.3%	.	<
West Side Community Hlth Srvcs - McDonough Homes Clinic	19.8%	17.0%	-2.8%	.	<

Y = Yes, statistical significance
< = Significantly smaller purchaser gap within Medical Group than the statewide gap
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Optimal Asthma Control – Adults Ages 18-50

Three hundred and thirteen 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 13 percentage points and is statistically significant. This means the Optimal Asthma Control statewide rate for MHCP adult patients ages 18-50 (40 percent) was significantly lower than that of Other Purchasers (53 percent).

Two hundred and sixty-six clinics had rates for MHCP patients that were lower than Other Purchasers; 103 of those clinics had MHCP patients with significantly lower performance rates compared to Other Purchasers. Forty-four clinics had rates for MHCP adult patients ages 18-50 that were higher than Other Purchasers (designated with negative signs in Table 41, Column 4); however, only one of these clinics had MHCP patients with significantly higher performance rates.

We also assessed whether the gap between purchasers at a clinic level was significantly different than the gap found at the statewide level. For the Optimal Asthma Control – Adults Ages 18-50 measure, 68 clinics had purchaser gaps that were significantly different than the statewide gap. Nine clinics had a gap significantly bigger than the statewide gap, and 59 clinics had a rate significantly smaller than the statewide gap. 31 of those 68 clinics had a MHCP performance rate higher than the Other Purchaser rate. (See column 6)

The **eleven 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 41 summarizes these findings.

- **Allina Health - Annandale**
- **Allina Health - Faribault**
- **Allina Health - Northfield**
- **Allina Health - Savage**
- **HealthPartners - Andover**
- **HealthPartners - Coon Rapids**
- **HealthPartners - Inver Grove Heights**
- **HealthPartners - Maplewood**
- **North Memorial Clinic - Brooklyn Park Physicians**
- **Park Nicollet Clinic - Creekside**
- **Park Nicollet Clinic - Prior Lake**

Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	**40.5%**	**53.3%**	**12.8%**	**Y**	
Affiliated Community Medical Centers - Granite Falls Clinic	13.3%	33.3%	20.0%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (East)	56.7%	61.6%	4.9%	.	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	42.9%	51.9%	9.0%	.	.
Affiliated Community Medical Centers - New London Clinic	36.7%	61.8%	25.2%	Y	.
Affiliated Community Medical Centers - Redwood Falls Clinic	53.9%	65.2%	11.4%	.	.
Affiliated Community Medical Centers - Willmar Clinic	48.2%	63.6%	15.4%	Y	.
Affiliated Community Medical Centers- Marshall Clinic	50.0%	61.4%	11.4%	Y	.
Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	35.5%	69.9%	34.4%	Y	>
Allergy, Asthma & Immunology - Shoreview	54.1%	71.2%	17.2%	Y	.
Allina Health - Annandale	63.4%	55.1%	-8.3%	.	<
Allina Health - Bandana Square	46.0%	51.6%	5.6%	.	.
Allina Health - Blaine	61.5%	71.9%	10.4%	.	.
Allina Health - Bloomington	49.2%	51.9%	2.7%	.	.
Allina Health - Brooklyn Park	53.9%	67.4%	13.5%	Y	.
Allina Health - Buffalo	65.3%	69.3%	4.0%	.	.
Allina Health - Burnsville	49.1%	59.5%	10.4%	.	.
Allina Health - Cambridge	49.6%	53.9%	4.3%	.	<
Allina Health - Centennial Lakes	51.0%	67.1%	16.2%	Y	.
Allina Health - Champlin	47.4%	55.0%	7.6%	.	.
Allina Health - Chaska	62.0%	69.3%	7.3%	.	.
Allina Health - Cokato	64.7%	63.8%	-1.0%	.	.
Allina Health - Coon Rapids	53.7%	60.1%	6.5%	Y	<
Allina Health - Cottage Grove	54.2%	60.1%	5.9%	.	.
Allina Health - Dean Lakes	56.5%	66.5%	10.0%	.	.
Allina Health - Eagan	71.1%	76.1%	5.0%	.	.
Allina Health - East Lake Street	38.9%	58.8%	20.0%	Y	.
Allina Health - Edina	51.2%	62.9%	11.7%	.	.
Allina Health - Edina Family Physicians	36.0%	41.6%	5.6%	.	.
Allina Health - Elk River	53.6%	66.3%	12.7%	Y	.
Allina Health - Faribault	57.0%	56.1%	-0.9%	.	<
Allina Health - Farmington	69.8%	70.9%	1.1%	.	.
Allina Health - First Street	60.3%	68.4%	8.1%	Y	.
Allina Health - Forest Lake	54.0%	68.3%	14.3%	Y	.
Allina Health - Fridley	51.6%	57.2%	5.6%	.	.
Allina Health - Highland Park	57.8%	61.2%	3.4%	.	.
Allina Health - Hopkins	59.0%	69.4%	10.4%	.	.
Allina Health - Inver Grove Heights	53.1%	60.9%	7.7%	.	.
Allina Health - Isles	37.5%	63.3%	25.8%	Y	.
Allina Health - Lakeville	50.9%	61.1%	10.2%	.	.
Allina Health - Maple Grove	60.0%	63.2%	3.2%	.	.
Allina Health - Maplewood	55.5%	61.5%	6.1%	.	.
Allina Health - Nicollet Mall	36.4%	64.6%	28.2%	Y	>
Allina Health - Northfield	62.5%	62.1%	-0.4%	.	<
Allina Health - Plymouth	63.5%	66.3%	2.8%	.	.
Allina Health - Prescott	61.3%	67.1%	5.8%	.	.
Allina Health - Ramsey	55.8%	62.7%	6.9%	.	.
Allina Health - Richfield	59.7%	68.8%	9.1%	Y	.
Allina Health - Savage	75.8%	66.1%	-9.7%	.	<
Allina Health - Shakopee	64.9%	70.9%	6.0%	.	.
Allina Health - Shoreview	59.1%	67.1%	8.0%	.	.
Allina Health - St. Michael	64.2%	61.7%	-2.4%	.	.
Allina Health - United Medical Specialties	45.8%	48.6%	2.7%	.	.
Allina Health - Uptown	63.3%	65.8%	2.5%	.	.
Allina Health - Vadnais Heights	50.9%	54.6%	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

Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	40.5%	53.3%	12.8%	Y	
Allina Health - West St. Paul	55.1%	58.8%	3.7%	.	<
Allina Health - Woodbury	46.4%	55.7%	9.2%	Y	.
Allina Health Specialties - New Ulm Medical Center	52.1%	62.0%	9.9%	Y	.
Allina Health Specialties - United Lung and Sleep Clinic	38.3%	47.8%	9.5%	.	.
Altru Health System - Crookston	0.0%	0.0%	0.0%	.	<
Altru Health System - Family Medicine Center	0.0%	0.0%	0.0%	.	<
Altru Health System - Grand Forks Family Medicine Residency	0.0%	0.0%	0.0%	.	<
Altru Health System - Lake Region	0.0%	0.0%	0.0%	.	<
Altru Health System - Main	0.0%	0.0%	0.0%	.	<
Altru Health System - Roseau	0.0%	0.0%	0.0%	.	<
Apple Valley Medical Clinic - Family Practice	24.6%	30.7%	6.2%	.	.
Avera Medical Group - Worthington	4.8%	3.0%	-1.8%	.	<
Boynton Health Service	18.4%	19.8%	1.4%	.	<
CentraCare Clinic - Northway	64.5%	73.2%	8.6%	.	.
CentraCare Clinic- Big Lake	46.5%	63.1%	16.6%	.	.
Centracare Clinic-SCMG Northwest	14.1%	19.4%	5.2%	.	.
Centracare Clinic-SCMG St. Cloud Medical Group South	13.2%	16.8%	3.6%	.	.
CentraCare Health- Family Health Center	44.1%	52.8%	8.7%	.	.
CentraCare Health Plaza- Pediatrics	74.6%	79.3%	4.7%	.	.
CentraCare Health Plaza-Family Medicine	47.6%	71.3%	23.7%	Y	>
Community-University Health Care Center	17.7%	32.6%	14.9%	Y	.
Cuyuna Regional Medical Center - Baxter	2.8%	11.5%	8.8%	.	.
Cuyuna Regional Medical Center-Clinic Services	5.5%	6.3%	0.8%	.	<
Duluth Family Medicine Clinic	14.3%	24.6%	10.3%	Y	.
EH Central Baxter Clinic	45.8%	60.4%	14.6%	Y	.
EH Central Brainerd Clinic	40.9%	55.6%	14.7%	Y	.
EH Central Pine River Clinic	50.0%	56.8%	6.8%	.	.
EH East Ashland Clinic	39.3%	51.8%	12.5%	.	.
EH East Deer River Clinic	54.3%	56.2%	1.9%	.	.
EH East Duluth Clinic 1st St	48.0%	65.0%	17.0%	Y	.
EH East Ely Clinic	51.3%	45.5%	-5.8%	.	.
EH East Hayward Clinic	56.3%	59.0%	2.8%	.	.
EH East Hermantown Clinic	50.7%	59.3%	8.6%	.	.
EH East Hibbing Clinic	44.2%	66.7%	22.5%	Y	.
EH East International Falls Clinic	49.1%	48.5%	-0.5%	.	.
EH East Lakeside Clinic	40.0%	54.7%	14.7%	Y	.
EH East Lakewalk Clinic	44.3%	59.4%	15.1%	Y	.
EH East Northern Pines Clinic	43.8%	66.7%	22.9%	Y	.
EH East Spooner Clinic	45.2%	52.9%	7.7%	.	.
EH East Superior Clinic	51.0%	57.0%	6.0%	.	.
EH East Virginia Clinic	50.6%	64.5%	13.9%	Y	.
EH East West Duluth Clinic	42.7%	56.7%	14.0%	Y	.
EH West Detroit Lakes Clinic	38.4%	55.6%	17.2%	Y	.
EH West Fosston Clinic	44.2%	54.2%	10.1%	.	.
EH West Moorhead	40.0%	61.3%	21.3%	Y	.
EH West Park Rapids Clinic	35.2%	48.7%	13.5%	Y	.
EH West South University Clinic	35.7%	55.0%	19.3%	Y	.
Entira Family Clinics - Como/Roseville	52.3%	63.6%	11.4%	.	.
Entira Family Clinics - East Side	25.0%	45.8%	20.8%	.	.
Entira Family Clinics - Inver Grove Heights	43.2%	52.5%	9.3%	.	.
Entira Family Clinics - Maplewood/Battle Creek	37.8%	43.9%	6.0%	.	.
Entira Family Clinics - North St. Paul	51.6%	54.7%	3.1%	.	.
Entira Family Clinics - West St. Paul	30.8%	58.7%	27.9%	Y	.
Entira Family Clinics - White Bear Lake/Banning Ave	68.4%	66.1%	-2.4%	.	.

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Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	**40.5%**	**53.3%**	**12.8%**	**Y**	
Entira Family Clinics - Woodbury	44.8%	46.1%	1.2%	.	.
Fairview Andover Clinic	55.7%	80.2%	24.4%	Y	.
Fairview Apple Valley Clinic	62.9%	74.7%	11.8%	Y	.
Fairview Bass Lake Clinic	60.5%	79.8%	19.3%	Y	.
Fairview Blaine Clinic	59.1%	76.0%	16.9%	Y	.
Fairview Bloomington Lake Minneapolis	64.7%	73.7%	9.0%	.	.
Fairview Bloomington Lake Xerxes	63.2%	74.1%	10.9%	.	.
Fairview Brooklyn Park Clinic	62.0%	73.3%	11.3%	Y	.
Fairview Burnsville Clinic	56.5%	68.1%	11.7%	.	.
Fairview Chisago Lakes Clinic	78.6%	76.0%	-2.6%	.	.
Fairview Columbia Heights Clinic	58.8%	70.5%	11.7%	Y	.
Fairview Eagan Clinic	56.5%	71.6%	15.0%	Y	.
Fairview EdenCenter Clinic	62.2%	71.5%	9.3%	.	.
Fairview Elk River Clinic	60.7%	72.5%	11.8%	.	.
Fairview Fridley Clinic	58.0%	68.2%	10.2%	.	.
Fairview Hiawatha Clinic	63.6%	77.7%	14.0%	Y	.
Fairview Highland Park Clinic	66.7%	81.2%	14.5%	Y	.
Fairview Lakes Medical Center	67.5%	79.4%	11.9%	Y	.
Fairview Lino Lakes Clinic	68.6%	75.9%	7.3%	.	.
Fairview Milaca Clinic	51.4%	70.5%	19.1%	.	.
Fairview New Brighton Clinic	62.2%	75.1%	12.9%	Y	.
Fairview North Branch Clinic	61.3%	79.7%	18.4%	Y	.
Fairview Oxboro Clinic	46.7%	65.0%	18.3%	Y	.
Fairview Princeton Clinic	62.9%	67.1%	4.2%	.	.
Fairview Prior Lake Clinic	67.4%	74.4%	6.9%	.	.
Fairview Riverside Family Practice	53.6%	73.1%	19.5%	Y	.
Fairview Rogers Clinic	59.4%	81.7%	22.3%	Y	.
Fairview Rosemount Clinic	72.2%	79.2%	7.0%	.	.
Fairview Uptown Clinic	62.2%	76.7%	14.5%	Y	.
Fairview Zimmerman Clinic	67.4%	72.6%	5.3%	.	.
Family Medical Center	0.0%	2.9%	2.9%	.	<
FirstLight Health System - Mora	56.0%	59.6%	3.6%	.	.
FirstLight Health System - Pine City	37.5%	44.8%	7.3%	.	.
Gateway Family Health Clinic - Moose Lake	10.5%	19.8%	9.3%	.	.
Gateway Family Health Clinic - Sandstone	6.5%	9.5%	3.1%	.	.
Glencoe Regional Health Services - Glencoe	24.1%	26.5%	2.4%	.	<
Glenwood Medical Center	0.0%	0.0%	0.0%	.	<
Grand Itasca Clinic	38.0%	41.6%	3.6%	.	<
HealthEast Cottage Grove Clinic	20.4%	20.8%	0.4%	.	<
HealthEast Grand Avenue Clinic	23.3%	30.9%	7.6%	.	.
HealthEast Maplewood Clinic	26.9%	39.4%	12.5%	.	.
HealthEast Midway Clinic	23.1%	21.8%	-1.3%	.	<
HealthEast Oakdale	28.3%	26.3%	-2.0%	.	<
HealthEast Rice Street Clinic	20.0%	26.2%	6.2%	.	.
HealthEast Roselawn Clinic	26.9%	17.0%	-9.9%	.	<
HealthEast Tamarack Clinic Woodbury	20.6%	39.1%	18.5%	Y	.
HealthEast Vadnais Heights Clinic	15.6%	28.6%	13.0%	.	.
HealthEast Woodbury Clinic	32.4%	23.8%	-8.6%	.	<
HealthPartners - Andover	69.2%	57.3%	-11.9%	.	<
HealthPartners - Anoka	34.7%	48.8%	14.1%	Y	.
HealthPartners - Apple Valley	49.6%	59.0%	9.4%	.	.
HealthPartners - Arden Hills	56.7%	70.4%	13.6%	Y	.
HealthPartners - Bloomington	31.9%	51.8%	19.9%	Y	.
HealthPartners - Brooklyn Center	50.4%	55.7%	5.2%	.	.

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Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	40.5%	53.3%	12.8%	Y	
HealthPartners - Como	35.6%	51.6%	16.0%	Y	.
HealthPartners - Coon Rapids	61.8%	61.7%	-0.2%	.	<
HealthPartners - Cottage Grove	55.9%	67.0%	11.1%	.	.
HealthPartners - Eagan	62.1%	70.8%	8.7%	.	.
HealthPartners - Elk River	62.5%	72.6%	10.1%	.	.
HealthPartners - Highland Park	36.7%	60.8%	24.1%	Y	.
HealthPartners - Hlth Ctr for Women	49.1%	62.0%	12.9%	.	.
HealthPartners - Inver Grove Heights	47.2%	43.7%	-3.5%	.	<
HealthPartners - Lino Lakes	64.7%	77.5%	12.8%	.	.
HealthPartners - Maplewood	58.4%	57.9%	-0.5%	.	<
HealthPartners - Midway	34.6%	36.0%	1.4%	.	.
HealthPartners - Nokomis	60.9%	66.3%	5.5%	.	.
HealthPartners - Riverside	50.4%	56.7%	6.3%	.	.
HealthPartners - Roseville	52.7%	70.2%	17.4%	Y	.
HealthPartners - Specialty Center 401	25.0%	58.0%	33.0%	Y	>
HealthPartners - St Paul	49.2%	62.9%	13.7%	Y	.
HealthPartners - University Ave	34.3%	51.6%	17.3%	Y	.
HealthPartners - West	41.7%	59.3%	17.7%	Y	.
HealthPartners - White Bear Lake	56.2%	68.3%	12.2%	Y	.
HealthPartners - Woodbury	37.3%	54.4%	17.1%	Y	.
HealthPartners Central Minnesota Clinics	68.9%	77.3%	8.3%	Y	.
HCMC Clinics - Brooklyn Center Clinic	20.6%	37.1%	16.5%	.	.
HCMC Clinics - Brooklyn Park Clinic	24.6%	47.3%	22.7%	Y	.
HCMC Clinics - Downtown Medicine Clinic	11.9%	14.9%	3.0%	.	.
HCMC Clinics - East Lake Clinic	53.2%	67.2%	14.1%	.	<
HCMC Clinics - Golden Valley Clinic	33.7%	45.0%	11.4%	.	.
HCMC Clinics - Internal Medicine Clinic at Parkside	16.3%	32.8%	16.4%	Y	.
HCMC Clinics - Positive Care Clinic	6.3%	8.8%	2.6%	.	.
HCMC Clinics - Richfield Clinic	31.9%	43.0%	11.2%	.	.
HCMC Clinics - St. Anthony Village Clinic	30.0%	34.9%	4.9%	.	.
HCMC Clinics - Whittier Clinic	22.2%	26.2%	4.1%	.	.
Hutchinson Health - Hutchinson Clinic	5.5%	2.4%	-3.1%	Y	.
Integracare Ltd dba Williams Clinic	25.8%	10.5%	-15.4%	.	<
Lake Region Healthcare Clinic Services - Fergus Falls	40.5%	42.8%	2.3%	.	>
Lake View Clinic - Two Harbors	0.0%	5.0%	5.0%	.	.
Lakewood Health System - Motley Clinic	46.9%	56.9%	10.0%	.	<
Lakewood Health System - Pillager Clinic	46.0%	55.6%	9.6%	.	.
Lakewood Health System - Staples Clinic	23.5%	39.5%	16.0%	.	.
Mankato Clinic - Daniel's Health Center	59.6%	68.3%	8.7%	.	.
Mankato Clinic - Main Street	50.8%	64.5%	13.8%	Y	.
Mankato Clinic - North Mankato	63.8%	68.1%	4.3%	.	.
Mankato Clinic - Wickersham Campus	55.2%	68.2%	13.0%	Y	.
Mayo Clinic - Baldwin Building, Family Medicine	31.8%	63.3%	31.5%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	38.3%	58.5%	20.2%	Y	>
Mayo Clinic - Northeast	46.7%	64.6%	17.9%	Y	.
Mayo Clinic - Speciality Practice	31.3%	28.3%	-2.9%	.	.
Mayo Clinic Health System Albert Lea	47.7%	58.1%	10.4%	Y	<
Mayo Clinic Health System Austin	51.5%	57.8%	6.3%	.	.
Mayo Clinic Health System Cannon Falls	50.0%	55.6%	5.6%	.	.
Mayo Clinic Health System Fairmont	23.5%	34.4%	10.9%	.	.
Mayo Clinic Health System Lake City	51.1%	63.9%	12.7%	.	.
Mayo Clinic Health System Mankato Eastridge	34.8%	45.2%	10.3%	Y	.
Mayo Clinic Health System Mankato Northridge	44.8%	55.5%	10.7%	.	.
Mayo Clinic Health System Owatonna	40.6%	52.1%	11.4%	Y	.

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Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	40.5%	53.3%	12.8%	Y	
Mayo Clinic Health System Red Wing	48.3%	57.8%	9.5%	Y	.
Mayo Clinic Health System St. James	51.2%	48.3%	-2.9%	.	.
Mayo Clinic Health System St. Peter	61.0%	59.3%	-1.7%	.	.
Mayo Clinic Health System Wabasha	52.8%	50.7%	-2.1%	.	.
Mayo Clinic Health System Waseca	37.0%	45.7%	8.7%	.	.
Mille Lacs Health System - Onamia	2.8%	4.4%	1.7%	.	.
Native American Community Clinic	40.9%	53.3%	12.5%	.	.
North Clinic - Maple Grove Office	0.0%	0.0%	0.0%	.	.
North Clinic - Osseo Office	0.0%	0.0%	0.0%	.	<
North Clinic - Plymouth	0.0%	0.0%	0.0%	.	<
North Memorial Clinic - Arbor Lakes	41.9%	51.4%	9.5%	.	<
North Memorial Clinic - Brooklyn Center Physicians	20.9%	41.7%	20.8%	Y	.
North Memorial Clinic - Brooklyn Park Physicians	53.6%	48.9%	-4.7%	.	.
North Memorial Clinic - Camden	25.0%	45.2%	20.2%	Y	<
North Memorial Clinic - Elk River Physicians	43.9%	58.7%	14.8%	.	.
North Memorial Clinic - Golden Valley Physicians	60.6%	67.9%	7.3%	.	.
North Memorial Clinic - New Hope	41.0%	58.3%	17.3%	.	.
North Memorial Clinic - Northeast Family Physicians	47.7%	60.8%	13.1%	.	.
North Memorial Clinic - Plymouth City Center	45.5%	42.4%	-3.0%	.	.
North Memorial Clinic - St. Anthony	22.5%	45.2%	22.7%	Y	.
NorthPoint Health & Wellness Center	14.1%	17.2%	3.1%	.	.
Northwest Family Physicians - Crystal	20.5%	33.2%	12.7%	Y	.
Olmsted Medical Center - Chatfield Clinic	55.9%	69.2%	13.4%	.	.
Olmsted Medical Center - Rochester Northwest	54.3%	55.0%	0.7%	.	.
Olmsted Medical Center - Rochester Southeast	33.7%	46.8%	13.2%	Y	.
Open Cities Health (Dunlap) - Family Medicine	15.7%	10.3%	-5.5%	.	.
Park Nicollet Clinic - Asthma and Allergy	34.9%	66.2%	31.3%	Y	<
Park Nicollet Clinic - Bloomington	54.8%	62.9%	8.1%	.	>
Park Nicollet Clinic - Brookdale	39.0%	52.1%	13.1%	Y	.
Park Nicollet Clinic - Burnsville	48.9%	60.1%	11.3%	Y	.
Park Nicollet Clinic - Carlson	58.4%	59.6%	1.1%	.	.
Park Nicollet Clinic - Champlin	64.3%	75.8%	11.5%	.	.
Park Nicollet Clinic - Chanhassen	34.6%	48.7%	14.2%	Y	.
Park Nicollet Clinic - Creekside	47.7%	35.2%	-12.6%	.	.
Park Nicollet Clinic - Eagan	56.2%	68.8%	12.6%	Y	<
Park Nicollet Clinic - Golden Valley	78.6%	79.5%	0.9%	.	.
Park Nicollet Clinic - Lakeville	50.9%	59.2%	8.2%	.	.
Park Nicollet Clinic - Maple Grove	50.4%	64.1%	13.7%	Y	.
Park Nicollet Clinic - Minneapolis	34.6%	42.4%	7.8%	Y	.
Park Nicollet Clinic - Plymouth	37.9%	54.8%	17.0%	Y	.
Park Nicollet Clinic - Prairie Center	59.3%	70.1%	10.9%	.	.
Park Nicollet Clinic - Prior Lake	67.5%	65.2%	-2.2%	.	.
Park Nicollet Clinic - Rogers	47.8%	65.5%	17.7%	Y	<
Park Nicollet Clinic - Shakopee	74.3%	77.9%	3.7%	.	.
Park Nicollet Clinic - Shorewood	53.5%	67.3%	13.8%	.	<
Park Nicollet Clinic - St. Louis Park Family Medicine	57.1%	70.8%	13.7%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	59.5%	73.4%	13.9%	Y	.
Park Nicollet Clinic - Wayzata	33.3%	39.1%	5.8%	.	.
Perham Health Clinic	40.6%	52.4%	11.8%	.	.
Raiter Clinic	1.2%	0.9%	-0.3%	.	.
RR Health Services dba Fairview Mesaba Clinic - Hibbing	35.3%	57.3%	22.1%	Y	.
RR Health Services dba Fairview Mesaba Clinic - Mountain Iron	32.7%	50.0%	17.4%	.	<
Ridgeview Westonka Clinic	15.4%	19.8%	4.4%	.	.
RiverView Clinic	17.4%	14.1%	-3.3%	.	.

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Table 41: Statistical Analysis Summary of Purchaser Performance Rate Gaps – Optimal Asthma Control – Adults Ages 18-50

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	40.5%	53.3%	12.8%	Y	
Riverwood Aitkin Clinic	38.2%	37.9%	-0.3%	.	.
Riverwood McGregor Clinic	29.3%	45.0%	15.7%	.	.
Sanford Aberdeen Clinic	42.1%	60.5%	18.4%	Y	.
Sanford Bemidji Main Clinic - Family Medicine	36.8%	51.7%	14.8%	Y	.
Sanford East Grand Forks Clinic	46.7%	57.9%	11.3%	.	.
Sanford Fargo Southpointe Clinic - Family Medicine	45.1%	60.3%	15.2%	Y	.
Sanford Health Alexandria Broadway Clinic	20.6%	33.3%	12.8%	.	.
Sanford Health Detroit Lakes Clinic	36.8%	38.8%	1.9%	.	.
Sanford Health Jamestown Clinic	30.3%	59.2%	28.9%	Y	.
Sanford Health Wahpeton Clinic	31.1%	62.8%	31.7%	Y	>
Sanford Sioux Falls Pulmonary Medicine	36.6%	55.5%	18.9%	Y	.
Sanford Thief River Falls Clinic	40.0%	37.0%	-3.0%	.	<
Sawtooth Mountain Clinic, Inc	23.5%	16.0%	-7.6%	.	<
Scenic Rivers Health Services - Bigfork/Big Falls	32.5%	19.5%	-13.0%	.	>
St Luke's Clinics-Chequamegon Clinic	34.2%	40.5%	6.2%	.	.
St Luke's Clinics-Denfeld	2.5%	1.9%	-0.6%	.	<
St Luke's Clinics-Hibbing Family Medical Clinic	3.5%	4.0%	0.5%	.	<
St Luke's Clinics-Internal Medicine Associates	0.0%	4.4%	4.4%	.	<
St Luke's Clinics-Laurentian	4.7%	5.8%	1.2%	.	<
St Luke's Clinics-Mount Royal	8.0%	7.0%	-1.0%	.	<
St Luke's Clinics-P.S. Rudie Medical Clinic	27.3%	43.7%	16.4%	Y	.
St. Croix Regional Medical Center - St. Croix Falls Clinic	45.5%	48.6%	3.0%	.	<
St. Croix Regional Medical Center - Unity Clinic	43.2%	48.5%	5.2%	.	.
Stellis Health-Buffalo Clinic	11.5%	13.3%	1.8%	.	<
Stellis Health-Monticello Clinic	20.4%	19.4%	-1.0%	.	<
Stillwater Medical Group - Curve Crest Clinic	43.1%	58.8%	15.7%	Y	.
Stillwater Medical Group - Somerset Clinic	53.1%	77.4%	24.3%	Y	.
Tri-County Health Care - Wadena Clinic	28.1%	38.3%	10.3%	.	.
United Family Medicine	12.4%	18.8%	6.4%	.	.
U of Minnesota Health - Center for Lung Science and Health	17.7%	13.4%	-4.3%	.	<
U of Minnesota Health - Fairview Maple Grove Medical Center	51.1%	53.9%	2.8%	.	.
U of Minnesota Health - Mill City Clinic	22.6%	20.9%	-1.7%	.	.
U of Minnesota Health - Primary Care Center	1.0%	5.3%	4.3%	.	<
U of Minnesota Health - Smiley's Family Medicine Clinic	33.0%	37.9%	4.9%	.	.
U of Minnesota Physicians - Bethesda Family Medicine Clinic	33.5%	27.9%	-5.5%	.	<
U of Minnesota Physicians - Broadway Family Medicine Clinic	7.2%	11.1%	3.9%	.	<
University of M Physicians - Phalen Village Family Medicine Clinic	39.3%	34.7%	-4.6%	.	<
West Side Community Health Services - East Side Family Clinic	10.1%	15.9%	5.8%	.	.
West Side Community Health Services - La Clinica	11.9%	10.0%	-1.9%	.	.
Winona Health - Winona Clinic	2.9%	3.0%	0.0%	.	<

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

Optimal Vascular Care

One hundred and 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 19 percentage points and is statistically significant. This means that the Optimal Vascular Care statewide rate for MHCP patients (45 percent) was significantly lower than that of Other Purchasers (64 percent).

One hundred and sixty-five of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 97 had significant gaps between purchasers. (See Table 42, Column 5) This means 97 clinics had significantly lower performance rates compared to Other Purchasers. Of the 179 clinics, fourteen had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4). None of the fourteen 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. Four of the clinics had a significantly larger purchaser gap than the statewide gap; 23 clinics had a significantly smaller purchaser gap than the statewide gap. Of those 23 clinics, fourteen had a MHCP rate that was higher than their Other Purchasers rate. (See Column 6)

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

- **Entira Family Clinics - East Side**
- **HealthEast Rice Street Clinic**
- **HealthPartners - Ctr for Internatl Hlth**
- **Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic**
- **Lakewood Health System - Pillager Clinic**
- **Mille Lacs Health System - Onamia**
- **Sanford Health Vermillion Clinic**
- **University of Minnesota Physicians - Phalen Village Family Medicine Clinic**

Table 42: 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	45.1%	63.6%	18.5%	Y	
Affiliated Community Medical Centers - Willmar Clinic	39.8%	57.7%	17.9%	Y	.
Affiliated Community Medical Centers- Marshall Clinic	46.0%	68.0%	22.0%	Y	.
Alexandria Clinic, A Service of Douglas County Hospital	46.2%	61.3%	15.2%	Y	.
Allina Health - Bandana Square	45.7%	64.6%	19.0%	Y	.
Allina Health - Blaine	51.6%	61.5%	9.9%	.	.
Allina Health - Bloomington	48.8%	63.6%	14.8%	.	.
Allina Health - Buffalo	48.7%	66.9%	18.2%	Y	.
Allina Health - Cambridge	39.2%	58.5%	19.3%	Y	.
Allina Health - Champlin	52.9%	64.9%	12.0%	.	.
Allina Health - Chanhassen	57.9%	68.8%	10.9%	.	.
Allina Health - Coon Rapids	52.6%	65.9%	13.4%	Y	.
Allina Health - Cottage Grove	44.4%	57.8%	13.3%	.	.
Allina Health - Eagan	52.6%	70.4%	17.8%	Y	.
Allina Health - East Lake Street	38.8%	55.9%	17.1%	Y	.
Allina Health - Elk River	45.7%	61.1%	15.4%	.	.
Allina Health - Faribault	48.2%	63.3%	15.2%	Y	.
Allina Health - First Street	40.3%	62.4%	22.0%	Y	.
Allina Health - Forest Lake	55.3%	65.1%	9.9%	.	.
Allina Health - Fridley	42.9%	54.7%	11.9%	.	.
Allina Health - Inver Grove Heights	55.6%	65.2%	9.6%	.	.
Allina Health - Maplewood	55.4%	69.3%	13.8%	Y	.
Allina Health - Nicollet Mall	55.4%	65.4%	10.1%	.	.
Allina Health - Northfield	42.6%	59.4%	16.8%	Y	.
Allina Health - Plymouth	54.1%	70.5%	16.4%	Y	.
Allina Health - Ramsey	47.1%	64.9%	17.8%	Y	.
Allina Health - Richfield	44.3%	66.2%	21.9%	Y	.
Allina Health - Shakopee	52.2%	65.2%	13.0%	.	.
Allina Health - Shoreview	56.7%	71.8%	15.2%	.	.
Allina Health - United Medical Specialties	40.5%	71.1%	30.6%	Y	.
Allina Health - West St. Paul	44.8%	64.5%	19.7%	Y	.
Allina Health - Woodbury	56.3%	66.4%	10.1%	.	.
Allina Health Specialties - ANGMA - Edina	41.2%	59.4%	18.2%	Y	.
Allina Health Spec - Metro Heart & Vascular Inst. - Coon Rapids	53.2%	67.1%	13.9%	Y	<
Allina Health Specialties - Courage Kenny Rehab - Golden Valley	54.1%	54.6%	0.5%	.	.
Allina Health Specialties - Minneapolis Heart Institute - ANW	51.9%	64.7%	12.8%	Y	<
Allina Health Specialties - New Ulm Medical Center	42.2%	65.3%	23.1%	Y	.
Allina Health Specialties - United Heart and Vascular Clinic	54.2%	67.4%	13.2%	Y	<
Altru Health System - Main	53.5%	66.1%	12.6%	Y	.
Avera Medical Group - Marshall	51.4%	60.5%	9.1%	.	.
CentraCare Clinic - Northway	35.7%	71.0%	35.2%	Y	>
CentraCare Health- Family Health Center	50.0%	54.7%	4.7%	.	.
CentraCare Health Plaza-Family Medicine	65.7%	68.0%	2.3%	.	.
CentraCare River Campus-CentraCare Heart & Vascular Center	50.0%	61.3%	11.3%	Y	.
CentraCare River Campus-Internal Medicine	47.6%	71.5%	23.9%	Y	.
Community-University Health Care Center	20.9%	26.3%	5.4%	.	.
Cuyuna Regional Medical Center-Clinic Services	40.9%	56.3%	15.5%	Y	.
Duluth Family Medicine Clinic	23.3%	44.9%	21.6%	Y	.
EH Central Baxter Clinic	52.4%	56.8%	4.4%	.	.
EH Central Brainerd Clinic	43.9%	63.9%	19.9%	Y	.
EH Central Pine River Clinic	35.0%	49.2%	14.2%	.	.
EH East Ashland Clinic	33.3%	59.4%	26.0%	Y	.
EH East Deer River Clinic	38.6%	61.0%	22.4%	Y	.
EH East Duluth Clinic 1st St	38.8%	65.1%	26.4%	Y	.
EH East Duluth Clinic Main	45.0%	58.2%	13.3%	Y	.
EH East Ely Clinic	41.9%	64.9%	23.0%	Y	.
EH East Hayward Clinic	36.8%	66.0%	29.1%	Y	.
EH East Hermantown Clinic	40.4%	60.6%	20.2%	Y	.
EH East International Falls Clinic	36.8%	63.2%	26.4%	Y	.
EH East Lakeside Clinic	28.6%	57.8%	29.2%	Y	.
EH East Northern Pines Clinic	50.0%	62.7%	12.7%	.	.

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

Table 42: 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	**45.1%**	**63.6%**	**18.5%**	**Y**	
EH East Superior Clinic	25.4%	58.2%	32.9%	Y	>
EH East Virginia Clinic	50.0%	59.2%	9.2%	.	.
EH East West Duluth Clinic	41.7%	64.5%	22.9%	Y	.
EH West Detroit Lakes Clinic	38.8%	62.1%	23.3%	Y	.
EH West Fosston Clinic	44.1%	60.8%	16.6%	.	.
EH West Park Rapids Clinic	38.5%	65.7%	27.3%	Y	.
Entira Family Clinics - East Side	73.0%	71.6%	-1.3%	.	<
Fairview Apple Valley Clinic	56.4%	72.1%	15.7%	Y	.
Fairview Bloomington Lake Minneapolis	60.0%	82.4%	22.4%	Y	.
Fairview Brooklyn Park Clinic	63.6%	69.7%	6.0%	.	.
Fairview Burnsville Clinic	60.7%	77.4%	16.7%	Y	.
Fairview Columbia Heights Clinic	45.7%	68.5%	22.9%	Y	.
Fairview Crosstown Clinic	77.1%	78.2%	1.1%	.	<
Fairview Eagan Clinic	69.7%	79.5%	9.8%	.	.
Fairview Fridley Clinic	65.1%	73.6%	8.5%	.	.
Fairview Hiawatha Clinic	51.5%	68.4%	16.9%	.	.
Fairview Lakes Medical Center	57.9%	70.0%	12.1%	.	.
Fairview New Brighton Clinic	60.0%	71.2%	11.2%	.	.
Fairview Oxboro Clinic	69.0%	77.7%	8.8%	.	.
Fairview Princeton Clinic	47.8%	67.3%	19.5%	Y	.
Family Medical Center	41.9%	58.7%	16.8%	Y	.
FirstLight Health System - Mora	42.7%	57.2%	14.5%	Y	.
Glencoe Regional Health Services - Glencoe	31.9%	60.7%	28.8%	Y	.
Grand Itasca Clinic	35.3%	57.2%	21.9%	Y	.
HealthEast Downtown St. Paul Clinic	47.6%	68.2%	20.5%	Y	.
HealthEast Grand Avenue Clinic	48.8%	54.6%	5.8%	.	.
HealthEast Heart Care-St. John's Hospital Campus	45.1%	66.6%	21.6%	Y	.
HealthEast Heart Care-St. Joseph's Hospital	48.9%	67.7%	18.8%	Y	.
HealthEast Maplewood Clinic	44.7%	61.4%	16.7%	.	.
HealthEast Midway Clinic	32.4%	70.6%	38.2%	Y	>
HealthEast Oakdale	43.8%	55.5%	11.7%	.	.
HealthEast Rice Street Clinic	58.1%	54.2%	-3.9%	.	<
HealthEast Roselawn Clinic	50.6%	57.7%	7.1%	.	.
HealthPartners - Anoka	26.5%	64.0%	37.5%	Y	>
HealthPartners - Como	64.5%	67.6%	3.1%	.	.
HealthPartners - Coon Rapids	48.7%	61.9%	13.2%	.	.
HealthPartners - Ctr for Internatl Hlth	66.7%	59.4%	-7.3%	.	<
HealthPartners - Maplewood	54.9%	60.7%	5.8%	.	.
HealthPartners - Midway	37.7%	50.7%	13.0%	.	.
HealthPartners - Regions Specialty Ctr	53.3%	71.7%	18.4%	Y	.
HealthPartners - St Paul	34.8%	57.7%	22.9%	Y	.
HealthPartners - University Ave	42.9%	69.1%	26.2%	Y	.
HealthPartners - Woodbury	54.4%	69.9%	15.6%	Y	.
HealthPartners Central Minnesota Clinics	44.2%	61.1%	16.9%	Y	.
HCMC Clinics - Brooklyn Center Clinic	46.2%	55.6%	9.4%	.	.
HCMC Clinics - Brooklyn Park Clinic	29.4%	44.1%	14.7%	.	.
HCMC Clinics - Downtown Medicine Clinic	32.5%	39.2%	6.8%	Y	<
HCMC Clinics - East Lake Clinic	43.9%	48.7%	4.8%	.	.
HCMC Clinics - Hennepin Heart Center	42.3%	40.4%	-2.0%	.	<
HCMC Clinics - Internal Medicine Clinic at Parkside	37.3%	50.9%	13.6%	.	.
HCMC Clinics - Positive Care Clinic	35.7%	21.7%	-14.0%	.	<
HCMC Clinics - Richfield Clinic	50.0%	46.8%	-3.2%	.	<
HCMC Clinics - Whittier Clinic	31.6%	42.0%	10.5%	.	.
Hutchinson Health - Hutchinson Clinic	44.7%	56.9%	12.2%	Y	.
Lake Region Healthcare Clinic Services - Fergus Falls	42.9%	61.1%	18.3%	Y	.
Lakewood Health System - Pillager Clinic	48.5%	46.3%	-2.2%	.	<
Mankato Clinic - Main Street	46.2%	58.2%	12.0%	Y	.
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	46.5%	65.9%	19.3%	Y	.
Mayo Clinic - Speciality Practice	50.0%	60.4%	10.4%	.	.

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

Table 42: 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	45.1%	63.6%	18.5%	Y	
Mayo Clinic Health System Albert Lea	39.7%	56.7%	17.0%	Y	.
Mayo Clinic Health System Austin	38.6%	53.6%	15.0%	Y	.
Mayo Clinic Health System Fairmont	45.1%	60.1%	15.0%	Y	.
Mayo Clinic Health System Mankato Eastridge	46.5%	57.5%	11.0%	Y	.
Mayo Clinic Health System Mankato Northridge	50.0%	64.0%	14.0%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	45.3%	65.2%	20.0%	Y	.
Mayo Clinic Health System Owatonna	46.3%	62.9%	16.6%	Y	.
Mayo Clinic Health System Red Wing	36.0%	57.1%	21.1%	Y	.
Mayo Clinic Health System St. Peter	47.1%	63.4%	16.3%	.	.
Mayo Clinic Health System Waseca	52.9%	65.2%	12.3%	.	.
Mille Lacs Health System - Isle	42.0%	34.4%	-7.6%	.	<
Mille Lacs Health System - Onamia	49.4%	41.5%	-7.9%	.	<
North Memorial - Maple Grove Clinic - Heart and Vascular Inst	55.8%	60.0%	4.2%	.	.
North Memorial Clinic - Brooklyn Center Physicians	42.2%	54.5%	12.3%	.	.
North Memorial Clinic - Brooklyn Park Physicians	47.2%	55.3%	8.1%	.	.
North Memorial Clinic - Camden	38.6%	59.4%	20.7%	Y	.
North Memorial Clinic - Maple Grove	41.0%	69.6%	28.6%	Y	.
North Memorial Clinic - Plymouth City Center	45.5%	54.5%	9.0%	.	.
North Memorial Heart and Vascular Institute	40.3%	60.3%	19.9%	Y	.
NorthPoint Health & Wellness Center	28.4%	25.7%	-2.7%	.	<
Northwest Family Physicians - Crystal	35.0%	44.8%	9.8%	.	.
Olmsted Medical Center - Rochester Southeast	37.6%	55.7%	18.0%	Y	.
Park Nicollet Clinic - Brookdale	47.1%	64.9%	17.8%	Y	.
Park Nicollet Clinic - Burnsville	56.5%	65.5%	8.9%	.	.
Park Nicollet Clinic - Minneapolis	41.2%	57.6%	16.4%	Y	.
Park Nicollet Clinic - Shakopee	53.9%	67.6%	13.7%	.	.
Park Nicollet Clinic - St. Louis Park Family Medicine	44.8%	63.8%	19.0%	Y	.
Park Nicollet Clinic - St. Louis Park Internal Medicine	52.6%	72.2%	19.6%	Y	.
Raiter Clinic	36.6%	45.2%	8.6%	.	.
RR Health Services dba Fairview Mesaba Clinic - Hibbing	42.9%	60.2%	17.4%	Y	.
Riverwood Aitkin Clinic	38.3%	49.5%	11.2%	.	.
Riverwood McGregor Clinic	27.9%	52.8%	24.9%	Y	.
Sanford Bemidji Main Clinic - Specialty Clinics	48.9%	65.4%	16.5%	Y	.
Sanford Chamberlain Clinic	44.1%	59.8%	15.7%	.	.
Sanford Fargo Heart Center	47.4%	70.2%	22.8%	Y	.
Sanford Health Alexandria Broadway Clinic	42.4%	64.5%	22.1%	Y	.
Sanford Health Detroit Lakes Clinic	39.6%	66.7%	27.2%	Y	.
Sanford Health Vermillion Clinic	70.0%	61.5%	-8.5%	.	<
Sanford Sioux Falls Cardiovascular Institute	54.3%	67.5%	13.2%	Y	.
St Luke's Clinics-Cardiology Associates	38.7%	65.2%	26.5%	Y	.
St Luke's Clinics-Hibbing Family Medical Clinic	38.9%	50.0%	11.1%	.	.
St Luke's Clinics-Internal Medicine Associates	47.5%	58.5%	11.0%	.	.
St. Croix Regional Medical Center - St. Croix Falls Clinic	43.3%	53.2%	9.9%	.	.
Stellis Health-Buffalo Clinic	38.1%	66.7%	28.6%	Y	.
Stellis Health-Monticello Clinic	42.4%	68.7%	26.3%	Y	.
Stillwater Medical Group - Curve Crest Clinic	40.0%	70.6%	30.6%	Y	.
Tri-County Health Care - Wadena Clinic	43.4%	41.5%	-1.9%	.	<
United Family Medicine	36.1%	48.5%	12.4%	Y	.
University of M Health - Fairview Maple Grove Medical Center	59.5%	67.1%	7.7%	.	.
University of Minnesota Health - Primary Care Center	45.1%	48.3%	3.2%	.	<
University of Minnesota Health - Smiley's Family Medicine Clinic	34.6%	43.5%	8.9%	.	.
U of M Health Heart Care at U of Minnesota Medical Center	58.0%	67.0%	9.0%	.	.
U of M Heart Care at Fairview Ridges Specialty Care Center	66.0%	73.9%	7.9%	.	<
U of Minnesota Heart Care at Fairview Southdale Hospital	62.2%	75.2%	13.0%	Y	.
U of Minnesota Physicians - Bethesda Family Medicine Clinic	37.6%	39.6%	2.0%	.	<
University of M Physicians - Broadway Family Medicine Clinic	25.7%	40.7%	15.0%	Y	.
U of M Physicians - Phalen Village Family Medicine Clinic	45.5%	43.4%	-2.1%	.	<
West Side Community Health Services - East Side Family Clinic	28.8%	32.1%	3.3%	.	<
West Side Community Health Services - La Clinica	41.5%	33.3%	-8.1%	.	<

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

Optimal Asthma Control – Children Ages 5-17

One hundred and seventy-five clinics met the minimum reporting requirement of at least 30 patients per purchaser group for this analysis. The purchaser performance rate gap at the statewide level was 10 percentage points and is statistically significant. This means that the Optimal Asthma Control statewide rate for MHCP children ages 5-17 (51 percent) was significantly lower than that of Other Purchasers (61 percent).

One hundred and thirty-two of those clinics had rates for MHCP patients that were lower than Other Purchasers; of those clinics, 35 had significant gaps between purchasers. (See Table 43, Column 5) That means 35 clinics had significantly lower performance rates compared to Other Purchasers. Of those 175 clinics, 43 had rates for MHCP patients that were higher than Other Purchasers (designated with negative signs in Column 4), with three clinics that had significant gaps between purchasers. Also of those 175 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. Two clinics had a significantly larger purchaser gap than the statewide gap, while twenty-five clinics had a significantly smaller purchaser gap than the statewide gap. Of those twenty-five clinics, twenty had a MHCP rate that was higher than its Other Purchasers rate. (See Column 6)

The **eight 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 43 summarizes these findings.

- **Affiliated Community Medical Centers - Willmar Clinic**
- **Affiliated Community Medical Centers- Marshall Clinic**
- **Allina Health - Buffalo**
- **Allina Health - Forest Lake**
- **Allina Health - Inver Grove Heights**
- **Fairview Elk River Clinic**
- **Mayo Clinic - Speciality Practice**
- **Mayo Clinic Health System Mankato Specialty Clinic**

Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Control – Children Ages 5-17

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	51.0%	61.1%	10.1%	Y	
Advancements in Allergy and Asthma Care, Ltd.	92.1%	93.7%	1.6%	.	.
Affiliated Community Medical Centers - Litchfield Clinic (East)	54.6%	78.9%	24.3%	Y	.
Affiliated Community Medical Centers - Litchfield Clinic (West)	58.3%	43.8%	-14.6%	.	>
Affiliated Community Medical Centers - Redwood Falls Clinic	70.3%	72.7%	2.5%	.	.
Affiliated Community Medical Centers - Willmar Clinic	66.4%	63.6%	-2.8%	.	<
Affiliated Community Medical Centers- Marshall Clinic	74.8%	64.8%	-10.0%	.	<
Allergy & Asthma Specialists, PA - Plymouth West Health	64.7%	65.7%	1.0%	.	.
Allergy, Asthma & Immunology - Shoreview	70.7%	74.0%	3.3%	.	.
Allina Health - Bandana Square	64.9%	74.8%	9.9%	Y	.
Allina Health - Bloomington	79.8%	84.4%	4.5%	.	.
Allina Health - Buffalo	70.6%	67.9%	-2.7%	.	<
Allina Health - Cambridge	53.5%	55.9%	2.5%	.	.
Allina Health - Champlin	60.0%	71.2%	11.2%	.	.
Allina Health - Coon Rapids	68.2%	74.0%	5.8%	Y	.
Allina Health - Cottage Grove	50.8%	62.3%	11.5%	Y	.
Allina Health - Dean Lakes	64.5%	57.1%	-7.4%	.	.
Allina Health - Eagan	64.9%	75.4%	10.4%	.	.
Allina Health - East Lake Street	42.2%	57.1%	15.0%	.	.
Allina Health - Elk River	56.3%	67.7%	11.4%	.	.
Allina Health - Faribault	55.2%	55.0%	-0.2%	.	.
Allina Health - Farmington	66.7%	70.8%	4.2%	.	.
Allina Health - First Street	63.4%	68.0%	4.6%	.	.
Allina Health - Forest Lake	70.3%	64.5%	-5.8%	.	<
Allina Health - Fridley	55.9%	60.0%	4.1%	.	.
Allina Health - Inver Grove Heights	65.7%	58.6%	-7.1%	.	<
Allina Health - Maple Grove	47.7%	63.3%	15.6%	Y	.
Allina Health - Maplewood	39.8%	45.1%	5.3%	.	.
Allina Health - Northfield	53.4%	60.7%	7.3%	.	.
Allina Health - Ramsey	67.5%	65.7%	-1.8%	.	.
Allina Health - Richfield	51.3%	66.3%	15.0%	.	.
Allina Health - Shoreview	61.3%	63.8%	2.5%	.	.
Allina Health - St. Michael	52.6%	64.8%	12.2%	.	.
Allina Health - West St. Paul	50.0%	48.7%	-1.4%	.	.
Allina Health - Woodbury	48.4%	49.5%	1.1%	.	.
Allina Health Specialties - New Ulm Medical Center	53.5%	58.1%	4.6%	.	.
Altru Health System - Family Medicine Center	5.3%	2.3%	-3.0%	.	<
Altru Health System - Lake Region	0.0%	0.0%	0.0%	.	<
Altru Health System - Main	4.4%	4.2%	-0.2%	.	<
Avera Medical Group - Worthington	0.5%	1.6%	1.1%	.	<
CentraCare Clinic - Northway	76.9%	73.3%	-3.6%	.	.
CentraCare Health Plaza- Pediatrics	73.8%	79.0%	5.2%	Y	<
Central Pedatrics St. Paul	64.4%	63.9%	-0.6%	.	.
Central Pediatrics Woodbury	71.0%	75.2%	4.3%	.	.
Children's Respiratory & Critical Care Specialists - Minneapolis	61.3%	76.6%	15.4%	Y	.
Children's Respiratory & Critical Care Specialists - Minnetonka	63.4%	84.9%	21.6%	Y	>
Children's Respiratory & Critical Care Specialists - St Paul	61.0%	74.6%	13.6%	Y	.
Cuyuna Regional Medical Center-Clinic Services	4.4%	1.6%	-2.8%	.	<
EH Central Baxter Clinic	59.7%	66.3%	6.6%	.	.
EH East Ashland Clinic	58.2%	62.1%	3.9%	.	.
EH East Deer River Clinic	50.0%	61.4%	11.4%	.	.
EH East Duluth Clinic 1st St	62.4%	68.4%	6.0%	.	.
EH East Ely Clinic	56.7%	55.3%	-1.4%	.	.
EH East Hayward Clinic	50.8%	62.2%	11.3%	.	.
EH East Spooner Clinic	57.5%	57.8%	0.3%	.	.
EH East Superior Clinic	55.1%	72.6%	17.5%	.	.
EH East Virginia Clinic	51.0%	69.2%	18.2%	.	.
EH East West Duluth Clinic	55.8%	45.6%	-10.2%	.	>
EH West Detroit Lakes Clinic	58.7%	61.3%	2.6%	.	.

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

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	51.0%	61.1%	10.1%	Y	
EH West Park Rapids Clinic	56.7%	52.5%	-4.2%	.	.
EH West South University Clinic	54.8%	61.8%	6.9%	.	.
Entira Family Clinics - North St. Paul	57.8%	47.1%	-10.7%	.	.
Fairview Andover Clinic	70.3%	75.6%	5.4%	.	.
Fairview Apple Valley Clinic	50.0%	59.3%	9.3%	.	.
Fairview Brooklyn Park Clinic	60.4%	73.7%	13.3%	.	.
Fairview Burnsville Clinic	59.5%	74.4%	14.9%	Y	.
Fairview Children's Clinic	70.6%	74.1%	3.5%	.	.
Fairview Columbia Heights Clinic	64.7%	81.4%	16.7%	.	.
Fairview Eagan Clinic	60.5%	59.5%	-1.0%	.	.
Fairview Elk River Clinic	80.0%	75.0%	-5.0%	.	<
Fairview Fridley Clinic	64.8%	77.6%	12.8%	.	.
Fairview Lakes Medical Center	77.3%	81.5%	4.3%	.	.
Fairview Lino Lakes Clinic	84.4%	78.1%	-6.3%	.	.
Fairview Oxboro Clinic	69.0%	74.3%	5.3%	.	.
Fairview Princeton Clinic	50.0%	66.7%	16.7%	.	.
Fairview Rosemount Clinic	70.2%	89.2%	19.0%	Y	.
Family Medical Center	9.3%	9.3%	0.0%	.	<
FirstLight Health System - Mora	47.2%	62.8%	15.6%	Y	.
Fridley Children's & Teenagers' Medical Center	60.8%	61.8%	1.0%	.	.
Gateway Family Health Clinic - Moose Lake	12.5%	17.8%	5.3%	.	.
Glencoe Regional Health Services - Glencoe	25.4%	24.3%	-1.1%	.	.
Grand Itasca Clinic	44.7%	42.0%	-2.7%	.	<
HealthEast Grand Avenue Clinic	33.3%	30.3%	-3.0%	.	.
HealthEast Maplewood Clinic	50.7%	56.0%	5.2%	.	.
HealthEast Oakdale	33.3%	39.5%	6.2%	.	.
HealthEast Rice Street Clinic	29.2%	38.7%	9.5%	.	.
HealthEast Tamarack Clinic_Woodbury	41.3%	54.2%	13.0%	Y	.
HealthEast Woodbury Clinic	35.8%	50.2%	14.4%	Y	.
HealthPartners - Andover	39.5%	51.6%	12.2%	.	.
HealthPartners - Anoka	61.6%	75.9%	14.3%	Y	.
HealthPartners - Apple Valley	61.1%	61.9%	0.7%	.	.
HealthPartners - Arden Hills	61.7%	76.2%	14.5%	.	.
HealthPartners - Bloomington	65.6%	64.9%	-0.7%	.	.
HealthPartners - Brooklyn Center	61.1%	68.4%	7.3%	.	.
HealthPartners - Como	54.0%	59.5%	5.6%	.	.
HealthPartners - Coon Rapids	55.6%	67.6%	12.1%	.	.
HealthPartners - Elk River	53.2%	72.8%	19.6%	Y	.
HealthPartners - Inver Grove Heights	52.9%	67.3%	14.5%	Y	.
HealthPartners - Maplewood	47.9%	66.7%	18.7%	Y	.
HealthPartners - Midway	47.5%	57.9%	10.4%	.	.
HealthPartners - Riverside	66.4%	68.5%	2.0%	.	.
HealthPartners - St Paul	64.0%	68.3%	4.4%	.	.
HealthPartners - White Bear Lake	74.2%	76.9%	2.7%	.	.
HealthPartners - Woodbury	47.6%	57.3%	9.6%	Y	.
HealthPartners Central Minnesota Clinics	73.6%	77.8%	4.2%	.	.
HCMC Clinics - Brooklyn Park Clinic	47.0%	51.3%	4.3%	.	.
HCMC Clinics - Downtown Pediatric Clinic	68.8%	75.7%	6.8%	.	.
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	42.9%	45.2%	2.3%	.	.
Hutchinson Health - Hutchinson Clinic	3.3%	3.4%	0.1%	.	<
Lake Region Healthcare Clinic Services - Fergus Falls	48.7%	45.8%	-2.9%	.	.
Lakewood Health System - Staples Clinic	80.9%	73.5%	-7.3%	.	.
Mankato Clinic - Children's Health Center	58.5%	69.5%	11.0%	Y	.
Mankato Clinic - Daniel's Health Center	77.2%	75.4%	-1.8%	.	.
Mayo Clinic - Baldwin Building, Pediatrics	64.5%	78.2%	13.7%	Y	.
Mayo Clinic - Speciality Practice	58.8%	50.9%	-8.0%	.	<
Mayo Clinic Health System Albert Lea	62.1%	73.3%	11.3%	.	.
Mayo Clinic Health System Austin	72.9%	74.3%	1.4%	.	<

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

Table 43: Statistical Analysis Summary of Purchaser Performance Rate Gaps - Optimal Asthma Control – Children Ages 5-17

Clinic Level	MHCP Rate	Other Purchasers Rate	Percentage Point Rate Differences (Other-MHCP)	There is a significant gap within the clinic between purchasers.	There are significant differences between the statewide gap and the clinic gap
Statewide	51.0%	61.1%	10.1%	Y	
Mayo Clinic Health System Faribault Campus Location	68.2%	73.8%	5.6%	.	.
Mayo Clinic Health System Mankato Eastridge	38.5%	35.5%	-3.0%	.	.
Mayo Clinic Health System Mankato Specialty Clinic	57.9%	49.2%	-8.7%	.	<
Mayo Clinic Health System Owatonna	44.3%	47.6%	3.3%	.	.
Mayo Clinic Health System Red Wing	64.5%	63.5%	-1.0%	.	.
Mayo Clinic Health System St. James	43.2%	50.0%	6.8%	.	.
Mayo Clinic Health System St. Peter	59.4%	71.4%	12.1%	.	.
Mayo Clinic Health System Wabasha	66.7%	32.5%	-34.2%	Y	>
North Memorial Clinic - St. Anthony	19.4%	23.3%	3.9%	.	.
Olmsted Medical Center - Rochester Northwest	36.8%	50.0%	13.2%	.	.
Olmsted Medical Center - Rochester Southeast	43.8%	53.2%	9.5%	.	.
Park Nicollet Clinic - Bloomington	76.0%	80.3%	4.4%	.	.
Park Nicollet Clinic - Brookdale	50.1%	61.0%	10.9%	Y	.
Park Nicollet Clinic - Burnsville	70.3%	85.9%	15.6%	Y	.
Park Nicollet Clinic - Carlson	58.2%	67.3%	9.1%	.	.
Park Nicollet Clinic - Chanhassen	54.4%	60.8%	6.5%	.	.
Park Nicollet Clinic - Eagan	65.3%	72.0%	6.7%	.	.
Park Nicollet Clinic - Lakeville	56.3%	73.7%	17.4%	Y	.
Park Nicollet Clinic - Maple Grove	65.6%	70.8%	5.2%	.	.
Park Nicollet Clinic - Minneapolis	42.2%	41.0%	-1.2%	.	<
Park Nicollet Clinic - Plymouth	60.6%	64.4%	3.8%	.	.
Park Nicollet Clinic - Prior Lake	67.6%	66.1%	-1.5%	.	.
Park Nicollet Clinic - Shakopee	63.0%	76.0%	13.0%	Y	.
Park Nicollet Clinic - St. Louis Park Family Medicine	55.0%	80.0%	25.0%	Y	.
Park Nicollet Clinic - St. Louis Park Pediatrics	65.3%	80.3%	15.0%	Y	.
Pediatric Services	46.5%	73.0%	26.5%	Y	>
RR Health Services dba Fairview Mesaba Clinic - Hibbing	39.2%	20.3%	-19.0%	Y	>
RiverView Clinic	22.2%	25.4%	3.2%	.	.
Riverwood Aitkin Clinic	34.1%	30.0%	-4.1%	.	.
Sanford Bemidji 1611 Anne St Clinic - Pediatrics	57.1%	57.5%	0.4%	.	.
Sanford Fargo Children's Southwest Clinic	68.9%	75.5%	6.6%	.	.
Sanford Fargo Southpointe Clinic - Specialty Clinics	73.5%	78.8%	5.2%	.	.
Sanford Health Alexandria Broadway Clinic	32.5%	38.5%	6.0%	.	.
Sanford Moorhead Clinic - Pediatrics	70.3%	81.9%	11.6%	.	.
Sanford Sioux Falls 26th & Sycamore Family Medicine Clinic	39.4%	69.6%	30.2%	Y	.
Sanford Sioux Falls Children's Clinic	60.0%	80.0%	20.0%	Y	.
Sanford Sioux Falls Children's Clinic 26th & Sycamore Clinic	73.9%	80.2%	6.3%	.	.
Sanford Sioux Falls Children's Clinic 69th & Louise Clinic	70.0%	91.6%	21.6%	Y	.
Sanford Sioux Falls Children's Specialty Clinic	75.7%	84.3%	8.6%	Y	.
Sanford Worthington Clinic	68.8%	70.5%	1.7%	.	.
Sawtooth Mountain Clinic, Inc	20.0%	15.2%	-4.9%	.	.
South Lake Pediatrics - Childrens West	63.3%	78.1%	14.8%	Y	.
South Lake Pediatrics - Eden Prairie	81.4%	89.8%	8.4%	.	.
South Lake Pediatrics - Maple Grove	76.9%	80.9%	3.9%	.	.
South Lake Pediatrics - Minnetonka	79.1%	80.7%	1.6%	.	.
St Luke's Clinics-Laurentian	19.4%	3.9%	-15.4%	Y	>
St Luke's Clinics-Pediatrics	17.4%	23.4%	5.9%	.	.
St. Croix Regional Medical Center - St. Croix Falls Clinic	35.8%	42.4%	6.6%	.	.
Stellis Health - Albertville-St. Michael Clinic	26.5%	26.1%	-0.4%	.	.
Stellis Health-Buffalo Clinic	17.1%	14.9%	-2.2%	.	<
Stellis Health-Monticello Clinic	28.6%	32.2%	3.6%	.	.
Stillwater Medical Group - Curve Crest Clinic	57.0%	67.6%	10.6%	Y	.
Stillwater Medical Group - Somerset Clinic	66.7%	72.4%	5.7%	.	.
Tri-County Health Care - Wadena Clinic	23.0%	28.0%	5.1%	.	.
University of M Health - Discovery Clinic - Pediatric Specialties	36.5%	45.0%	8.5%	.	.
University of M Health - Fairview Maple Grove Medical Center	28.1%	33.7%	5.6%	.	.
Wayzata Children's Clinic - Minnetonka	75.8%	81.1%	5.3%	.	.
Winona Health - Winona Clinic	14.0%	16.8%	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

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 MNCM as part of the denominator certification process.

Benchmarks – The benchmarks (standards used for comparisons) include the 2017 national commercial HEDIS rate and the 2017 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, Childhood Immunization Status (Combo 10), and Chlamydia Screening in Women).

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

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

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

Healthcare Effectiveness Data and Information Set (HEDIS) measures – HEDIS measures, produced by NCQA, are a set of standardized, quantifiable measures designed to allow reliable comparisons of the performance of insurers and care providers across a broad range of important health issues. HEDIS measures include: Appropriate Treatment for Children with URI, Childhood Immunization Status (Combo 10), Controlling High Blood Pressure, Breast Cancer Screening and Chlamydia Screening in Women. The data for these measures come from health plan claims and/or medical record review. Health plan files are aggregated and then results are reported at the medical group level.

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

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

- **Measure Specification Changes since 2016** – Measures in this category had 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 2016 to 2017.

- **"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 2016 to 2017.

- **"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 2016 to 2017.

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 MNCM 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) – MNCM 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.

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 2017

- Childhood Immunization Status (Combo 10) – Measures the percentage of children two years of age who had four diphtheria, tetanus and acellular pertussis (DTaP); three polio (IPV); one measles, mumps and rubella (MMR); three H influenza type B (HiB); three hepatitis B (HepB), one chicken pox (VZV); four pneumococcal conjugate (PCV); one hepatitis A (HepA); two or three rotavirus (RV); and two influenza (flu) vaccines by their second birthday.

Increase in MHCP Rate Measures

Moderate Increase

- Controlling High Blood Pressure – Measures the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at: (1) Patients ages 18-59 whose blood pressure was <140/90 mm Hg, (2) Patients ages 60-85 with a diagnosis of diabetes whose blood pressure was <140/90 mm Hg or (3) Patients ages 60-85 without a diagnosis of diabetes whose blood pressure was <150/90 mm Hg. The representative blood pressure is the most recent blood pressure reading during the measurement year (as long as the reading occurred after the diagnosis of hypertension was made).

Small Increase

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

Decrease in MHCP Rate Measures

Small Decrease

- Chlamydia Screening in Women – Measures the percentage of sexually active women ages 16-24 who had at least one test for Chlamydia infection during the measurement year.
- 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.
- 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.
- 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 had revisions to its age criterion in 2014. The age criterion for previous years included ages 50-69.

Moderate Decrease

- Optimal Diabetes Care – Measures the percentage of patients with diabetes (Types 1 and 2) ages 18-75 who reached all five treatment goals to reduce the risk of cardiovascular disease. The treatment goals include hemoglobin A1c (A1c) less than 8, blood pressure less than 140/90 mmHg, on a statin medication unless allowed contraindications or exceptions are present, daily aspirin use if they have a co-morbidity of Ischemic Vascular Disease (IVD), and documented tobacco-free status.
  In 2015, the measure was a four-component composite measure without the statin use component.

- Optimal Asthma Control – Children Ages 5-17 – Measures the percentage of patients ages 5-17 with persistent asthma who have reached all of the following two targets to control their asthma: (1) evidence of well controlled asthma and (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations.

Large Decrease

- Optimal Vascular Care – Measures the percentage of patients with vascular disease ages 18-75 who reached all three treatment goals to reduce modifiable risk factors. The treatment goals include blood pressure less than 140/90, on a statin medication unless allowed contraindications or exceptions are present, daily aspirin use, and documented tobacco-free status.
  In 2015, the measure specification included an LDL component of LDL-C less than 100 mg/dl.
- Optimal Asthma Control – Adults Ages 18-50 - Measures the percentage of patients ages 18-50 with persistent asthma who have reached all of the following two targets to control their asthma: (1) evidence of well controlled asthma and (2) not at risk for elevated exacerbation as evidenced by no patient-reported emergency department visits and hospitalizations.

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.

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