# 2010 HEALTH CARE QUALITY REPORT Breaking New Ground



**Comparative Data on Medical Group and Hospital Performance** 



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Every once in awhile, it's time to look back over our shoulder, figuratively speaking, at how far we've come. Two years ago, in 2008, we stood at the beginning of an unprecedented period of experimentation in Minnesota as the state prepared to implement health reform provisions enacted by the Legislature that year. The experiment tested several new ideas to change the way we structure, measure, and pay for health care so that we are driving towards high quality, high value health care: medical homes, baskets of care and provider peer grouping. As the state has broken new ground, so has MN Community Measurement. Two years ago, MNCM:

- Had just begun using our clinical data collection system, Direct Data Submission, to report two measures at the clinic level, optimal diabetes care and optimal vascular care...**today**, we have expanded DDS reporting to include depression care, patient experience of care, and adoption and use of health information technology (HIT).
- Had 62 medical groups representing 321 clinics participating in public reporting of some or all of our measures...**today**, 315 medical groups and 553 clinics are represented in this report. We also have moved beyond ambulatory care and now report hospital data as well.
- Made our data available in print or as a static report on our website...**today**, the data is available through an increasingly sophisticated search function on our consumer-facing website, <u>www.mnhealthscores.org</u>.
- Was looking ahead, anticipating the effects of the complex package of health reform legislation passed by the Minnesota Legislature ...**today**, implementation of those pieces of legislation is well underway.

The progress we have made so far will serve us well as we stand at the edge of a new challenge – that posed by the passage this year of the federal health reform legislation – the Affordable Care Act (ACA). While the engagement of the federal government in this work brings additional challenges to regional health improvement efforts, it also brings opportunities, tools and resources. MN Community Measurement and other stakeholders in Minnesota must find ways to align our existing quality measurement and reporting efforts with those being driven by the federal government. As we seek ways to align our efforts with those of the federal government, we focus on our key strengths and strategies to drive improvement through measurement and public reporting:

- Develop meaningful measures based on the best clinical evidence;
- Promote alignment of measures and centralized reporting to reduce administrative burden;
- Promote the use of measurement data to improve quality;
- Engage consumers in using measurement data to make informed decisions about their care.

This year we adjusted two of our measures – Optimal Diabetes Care and Optimal Vascular Care – in preparation for the 2011 report year to reflect new clinical evidence. We refreshed National Quality Forum (NQF) endorsement of the Optimal Vascular Care measure and are optimistic that our Optimal Diabetes Care and our Depression Care measures will achieve endorsement this year. We have seen our data used by several partners, including Centers for Healthcare Strategies (CHCS), HealthPartners Research Foundation, and the Brookings Institute, in national initiatives to inform quality improvement. And we have continued to work with community partners to engage consumers to use our information to improve their health. By focusing on these key strategies, we are confident that we and other community stakeholders can ensure that Minnesota doesn't lose momentum, but is instead propelled forward faster towards a health care system that rewards high-quality, high-value care.

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# MN Community Measurement 2010 Health Care Quality Report

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# **Executive Summary**

Health care transparency provides patients and consumers with the information necessary to choose health care based on objective, evidence-based results. It also serves as a powerful motivator to improve care as providers see how their practice compares to others. While many parts of the nation are just starting to dig in to the world of health care measurement and public reporting because of the new federal health care reform, we have been doing this for many years and the results in this report reflect the hard work of health care professionals in our community. Today, this groundbreaking work has become an integral part of our health care system, in part due to the willingness to move beyond the status quo and because of remarkable efforts to improve our health care system.

This is the seventh annual Health Care Quality Report, produced by MN Community Measurement (MNCM), to publicly report on health care performance in Minnesota and surrounding communities. In this report, MNCM continues to break new ground with the addition of new measures and a significant increase in the number of clinics, medical groups and hospitals publicly reporting results.

We not only underscore medical group and clinic performance on 16 clinical quality measures for the year, but we also report on Health Information Technology (HIT) measures to understand how medical groups and clinics are using computers and computer programs, such as an electronic health record (EHR) to store, retrieve and securely transfer patient information electronically within health care settings.

### **Key Findings**

### **Clinical Measures:**

- Two clinical measures showed noticeable improvements:
  - o Controlling High Blood Pressure statewide, the rate increased from 69 percent in 2009 to 72 percent in 2010, translating into over 4,400 more patients whose blood pressure is under control.
  - o Appropriate Testing for Children with Pharyngitis the statewide rate increased from 82 percent in 2006 to 88 percent in 2010, translating into almost 2,000 more patients statewide appropriately tested for over the past five years.
- Statewide performance rates are holding steady for most measures, even in these difficult economic times. And it's important to note that even small improvements can translate into better care for thousands of patients.
  - o This year, 25% of diabetes patients received optimal care. Compared to last year, this result reflects steady performance compared to last year when the same measure specifications are used for both years. For this measure, 47% of medical groups submitted data for the first time this year. This might account for the steady rate since previous analyses show that medical groups that submit data for the first time tend to have lower rates compared to medical groups that submitted data in the past.
- Two new clinical measures were reported this year: Depression Care Remission at 12 months and Use of Spirometry Testing in the Assessment and Diagnosis of COPD. Results on all new measures show opportunities for improvement, reinforcing the need to develop and introduce new measures.
- There are some medical groups that have achieved above-average rates on multiple measures and there are some that have shown large improvements since last year.
- Conducted new analyses at a medical group and clinic level to identify patterns in rate changes over three reporting years on measures where data is available.
- Participation in the DDS process continues to grow. This year 126 medical groups submitted data representing 553 clinics. Most of the medical groups that participated for the first time this year are located outside of the metro area, and several are smaller clinics.
- The number of medical groups on which we can report from health plan data has increased from 169 in report year 2009 to 192 in report year 2010, and more medical groups are reported on for more measures.
- This report also includes a section displaying risk adjusted rates compared to MNCM reported rates for two measures: Optimal Diabetes Care and Optimal Vascular Care.
- There continues to be practice variation between medical groups and between clinic settings continues; indicating that opportunities for improvement exist.
- For some measures, we were unable to make rate comparisons to previous years because specifications changed to align with emerging evidence-based guidelines.

# **Executive Summary**

### Health Information Technology Measures:

- 1,198 clinics returned the survey on their adoption and use of health information technology (HIT) for a response rate of 87 percent.
- We report their milestones achieved under adoption, use, and exchange at www.mnhealthscores.org.
  - o <u>Adopt</u>: Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.
  - o <u>Use</u>: A patient's doctor uses the EHR to order lab tests, track health problems and improve the patient's care. o <u>Exchange</u>: A patient's information is sent and received in a secure manner among the doctors involved in the patient's care.
- 68 percent of respondents have fully installed or started installation of an EHR.
- 33 percent of respondents use the EHR for both basic information collection and advanced functions, such as creating benchmarks and reminding patients about preventative care.
- 30 percent of respondents do electronic prescribing AND send data to hospitals in the doctor's network.
- The HIT survey will be fielded again in 2011. MNCM will continue to collaborate with HIT stakeholders across the state to implement a survey that provides a comprehensive assessment of Health Information Technology adoption, utilization, and exchange.

#### **Hospital Measures:**

- A listing and description of hospital measures developed by the Agency for Healthcare Research and Quality (AHRQ) and Centers for Medicare and Medicaid Services (CMS) can be found on pages 14-16.
- Results for all hospital measures can be found at www.mnhealthscores.org.

Over the next year, we will use our strengths and engage in strategies that will continue to drive health care improvement through measurement and public reporting. We will develop additional, meaningful measures based on the best clinical evidence. We will also refine current measures based on emerging clinical evidence. We will work to promote alignment of measures with national and state health care reform requirements and promote the use of our measurement results to improve quality. Finally, we will engage consumers to use this information to make informed decisions about their health care.

If we are successful in implementing these future plans, harnessing both the momentum of our community and the new energy of the federal government, we will continue to break new ground in the measurement and reporting of quality data, driving more and more improvement towards the goal of high-quality, high-value care.

# Introduction

When we first began this journey of reporting health care performance, many health care professionals were skeptical. They expressed unease about the measures, the validity of the data and uncertainty about how this information would be shared with the public. Things have definitely changed. We have worked tirelessly tending to relationships with stakeholders and building trust. The results of our annual medical group survey show that the vast majority (78%) of respondents believe that our results accurately reflect their performance compared to other medical groups. This is a 20% increase over last year and demonstrates that we have increased credibility in the provider community.

This is the seventh annual Health Care Quality Report, produced by MN Community Measurement (MNCM), to publicly report on health care performance in Minnesota and surrounding communities. Each year the report reveals areas in which health care performance has improved over time but also identifies considerable opportunities for improvement. In this report, MNCM continues to break new ground with the addition of new measures and a significant increase in the number of clinics, medical groups and hospitals publicly reporting results.

Earlier reports presented data primarily on current year medical group and clinic results. We displayed medical group and clinic rates from high to low on various clinical measures, made statewide comparisons to previous years, and highlighted high performers and those with the biggest improvement from the previous year. In this 2010 Health Care Quality Report, we dig a bit deeper by analyzing medical group performance over three years including patterns of:

- Consistently high performance and above average rates
- Consistent improvement
- Consistent decreases
- Relatively stable performance or
- No discernable pattern

We not only underscore medical group and clinic performance on 16 clinical quality measures for the year, but we also report on Health Information Technology (HIT) measures to understand how medical groups and clinics are using computers and computer programs, such as an electronic health record (EHR) to store, retrieve and securely transfer patient information electronically within health care settings. To connect the HIT results with the clinical results, we analyzed clinics that have more advanced implementation and usage of EHRs to see if they also have higher performance rates for Optimal Diabetes Care and Optimal Vascular Care measures. See the findings on pages 18-54. *(Continued on page 7)* 

# Introduction

One example of how clinics are using our data to take action to improve results is the story of the Ellsworth Medical Clinic. Located in western Wisconsin, this small rural practice has two medical doctors, one physician's assistant and a few clinical and office staff. They notified MNCM that they had made many changes in their clinic last year, and as it turns out they ended up with an Optimal Vascular Care rate of 68% - the top performance rate out of 433 clinics reported for this measure in 2010 – this was a significant increase in their results from last year (47% in report year 2009).

Before these changes were implemented, the physicians in this clinic believed they were doing all they could to improve the care of their patients, but they realized that in order to take it to the next level they needed to engage their entire clinic team. They sat down with all employees to identify the roles and actions that would make the biggest difference. The clinic's investments ranged from high tech to low tech solutions. While they had implemented an electronic registry, they also executed several low tech activities that simply involved good people skills. For example, the diabetes educator conducted more extensive outreach to patients to ensure they were following their treatment plans. The lab technician was empowered to contact the doctors in the event that there was a test missing for a patient with specific conditions related to our measures. The receptionist was educated about the measures and enlisted to proactively remind patients about their visits and needed care.

While the physicians are delighted that their small, rural clinic has demonstrated results that compete with larger clinics that have more resources, the clinic staff said that their inspiration comes from providing the best care possible for their friends and neighbors whom they see every day. The physicians believe that the team deserves the credit for these results – every single member. This is just one example of how clinics are making changes to improve care. While the methods aren't necessarily new, the results are tangible and incredibly groundbreaking. This story is one more illustration of why measurement and public reporting are important – they provide the framework and motivation that facilitates improvement.

Data in this report show that for some measures the performance rates are improving, but for others, performance is stable or declining. We must continue to work collaboratively and learn from each other in order to break new ground in the measurement and reporting of quality data, driving improvement in health care for all of us.

# Changes in the 2010 Report

### **Measurement Changes**

Under the direction of our Measurement and Reporting Committee, we:

- Revised the A1C target for Optimal Diabetes Care to <8.0 to coincide with guideline changes.
- Lowered the upper age limit for the Colorectal Cancer Screening measure from 80 to 75 to coincide with changes in guidelines.
- Lowered the upper age limit for the Cancer Screening Combined measure from 80 to 75 to coincide with changes in guidelines.
- Lowered the upper age limit for the Use of Appropriate Meds for People with Asthma measure from 56 to 50 to coincide with changes in guidelines. Added exclusions for cystic fibrosis and acute respiratory failure.

### **Report Changes**

This annual report includes:

- Reporting on two new Clinical Measures:
  - o Depression: Twelve Month Remission
  - o Use of Spirometry Testing in the Assessment and Diagnosis of COPD
- Reporting on an expanded HIT measure based on new questions added to the HIT survey and including an advanced display.
- As a result of the state contract, Centers for Medicare and Medicaid Services (CMS) hospital measures in addition to some new Agency for Healthcare Research and Quality (AHRQ) hospital measures.
- Reporting on 315 medical groups, as compared to 170 last year.

The measures in this 2010 Health Care Quality Report were recommended over the years by MNCM's Measurement and Reporting Committee and approved by our Board of Directors. We have expanded measures and revised others to support current evidence-based guidelines. Measurement changes over the years are reflected in Table 1.

## **Table 1: Performance Measures Over the Years**

Report Year	2004	2005	2006	2007	2008	2009	2010
Medical Group Level Reporting (Data Source: Health Plans)							
Appropriate Testing for Children with Pharyngitis			Х	Х	Х	Х	Х
Appropriate Treatment for Children with Upper Respiratory Infection			Х	х	х	Х	Х
Avoidance of Antibiotics in the Treatment of Adult Bronchitis						Х	Х
Childhood Immunization (Combo 3)	X*	X*	X	X	х	Х	Х
Adolescent Immunization	X	X					
Well Child Visits	X	X	Х				
Use of Appropriate Medications for People with Asthma (Ages 5-50)	X&	X&	Х&	X&	X&	X&	Х
Breast Cancer Screening (Ages 52-69)	X	X	Х	Х	Х	Х	Х
Cervical Cancer Screening (Ages 24-64)	X	X	Х	х	х	Х	Х
Colorectal Cancer Screening (Ages 51-75)			Х~	X~	X~	Х~	Х
Cancer Screening Combined (Breast, Cervical, Colorectal) (Ages 51-75)			Х~	X~	X~	Χ~	Х
Chlamydia Screening in Women (Ages 16-24)	X**	X**	X**	X**	X**	Х	Х
Controlling High Blood Pressure <140/90 mmHg)	X***	X***	X***	х	х	Х	Х
Optimal Diabetes Care	X^#	X^#	X^#	X#	X#	X#	
Optimal Vascular Care					х	Х	
Depression Treatment- Acute Phase Medication Management	X	X	Х				
Depression Treatment- Continuous Phase Medical Management	X	Х	Х				
Use of Spirometry Testing in the Assessment and Diagnosis COPD							х
Total Medical Groups	51	54	104	128	143	172	192
Clinic Level Reporting (Data Source: Medical Groups)							
Optimal Diabetes Care				X#	X#	X#	х
Optimal Coronary Artery Diesase (CAD) Care				x			
Optimal Vascular Care					х	х	х
Depression Care - Remission at 6 Months						х	X
Depression Care - Remission at 12 Months							х
Total Clinics (# Medical Groups/# Clinics)				28/191	62/321	70/426	126/553
Other Types of Measures							
Patient Experience of Care						Х	
Health Information Technology (HIT)						x	x
Hospital						X <	Х
Payment for Procedure						X	
* Childhood Immunization- Combo 2 only ** Chlamydia Screening in Women- Ages 16-25							-

\*\*\* Chlamydia Screening in Women- Ages 16-25 \*\*\*\* Blood Pressure - <=140/90 mmHg

A Optimal Diabetes Care - Hen A1c <= 8, Blood Pressure <130/85, LDL-C <130 mg/dl, Aspirin Use, Tobacco Free # Optimal Diabetes Care - Hen A1c<7, Blood Pressure <130/80, LDL-C ,100 mg/dl, Aspirin Use, Tobacco Free</p>

& Use of Appropriate Medications for People with Asthma (Ages 5-56)

~Colorectal Cancer Screening (Ages 51-80) ~Cancer Screening Combined (Breast, Cervical, Colorectal) (Ages 51-80)

< In 2009 we reported AHRQ measures only; in 2010 we reported AHRQ and CMS hospital measures

With the increase in not only the number of measures but also the type of measures reported by MNCM, we have continued to divide the quality indicators in this report into three categories based on the Institute of Medicine's Six Aims for Improvement. These aims, developed by the Institute of Medicine (IOM) in 2001, focus on six ways that care can be delivered more efficiently and safely. The two categories used in this report emphasize the dimensions of quality care for which medical groups strive. The "Care That is Proven to Work" maps to the IOM aims of effectiveness, timeliness and in some cases, efficiency. The "Care That Protects Patients from Medical Errors and Does Not Cause Harm" category maps to the IOM aim of Patient Safety.

In "Care that is Proven to Work" – our largest category of measures, measures are summarized in subcategories based on health care emphasis. In some cases the measures assess how medical groups care for patients with chronic conditions and are referred to as "Living with Illness" measures. Another sub-category includes measures that reflect how well medical groups care for patients with common acute illnesses and are referred to as "Getting Better" measures. A third and last sub-category includes measures that reflect how well medical groups keep individuals healthy and identify disease at an early stage when it can be treated most effectively. These measures are referred to as "Staying Healthy" measures.

We still have two reporting levels for the "Care that is Proven to Work" measures – clinic level and medical group level. The clinic level measures are those collected from clinics through the Direct Data Submission (DDS) process. These measures relied on data specifications published in the 2010 Direct Data Submission Guide: Optimal Diabetes Care and Optimal Vascular Care and the 2010 Guide for Depression Measures: Primary Care and Behavioral Health Providers. These measures are aligned with clinical guidelines established by the Institute for Clinical Systems Improvement (ICSI). Specifications for clinic level results have been developed for four measures – Optimal Diabetes Care, Optimal Vascular Care, and Depression Care-Remission at 6 Months, and Depression Care- Remission at 12 Months.

The traditional medical group level results are collected from health plan data – claims only <u>or</u> claims plus chart review – depending on the measure. These measures relied on NCQA's HEDIS specifications, which are aligned with ICSI's clinical guidelines. HEDIS is a national set of standardized performance measures originally designed for the managed care industry. The measures have been adapted for use by MNCM to track the performance of medical groups.

See the Methods appendix for more information on the methodology for each measure. In the Results by Measure section, results are listed with text describing the measure, charts/tables/figures describing the results, followed by a section listing the performance highlights for that particular measure.

## Care that is Proven to Work

### "Living with Illness" Measures

- **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 diseases, including hemoglobin A1c (A1c) less than 8, blood pressure less than 130/80 mmHg, LDL-C less than 100 mg/dl, daily aspirin use (ages 41-75) and documented tobacco-free status.
- **Optimal Vascular Care** Measures the percentage of patients with vascular disease ages 18-75 who reached all four treatment goals to reduce modifiable risk factors. The treatment goals include blood pressure less than 130/80 mmHg, LDL-C less than 100 mg/dl, daily aspirin use and documented tobacco-free status.
- **Depression Care** (**Remission at 6 months**) Based on the denominator of patients 18 years of age and older with major depression or dysthymia whose initial PHQ-9 is greater than nine, this measures the percent of patients whose six month PHQ-9 score is less than five. This is the definition of remission.
- **Depression Care** (**Remission at 12 months**) Based on the denominator of patients 18 years of age and older with major depression or dysthymia whose initial PHQ-9 is greater than nine, this measures the percent of patients whose twelve month PHQ-9 score is less than five. This is the definition of remission.
- **Controlling High Blood Pressure** Measures the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. The representative blood pressure is the most recent blood pressure reading during the measurement year (as long as the reading occurred after the diagnosis of hypertension was made).
- Use of Appropriate Medications for People with Asthma Measures the percentage of patients ages 5-50 with persistent asthma in the measurement year and prior year who were appropriately prescribed medication during the measurement year.
- Use of Spirometry Testing in the Assessment and Diagnosis of COPD Measures the percentage of patients 40 years of age and older with a new diagnosis or newly active COPD who received appropriate spirometry testing to confirm the diagnosis.

### "Getting Better" Measures

- Appropriate Treatment for Children with Upper Respiratory Infection Measures the percentage of children ages three months to 18 years with a diagnosis of upper respiratory infection (URI) who were <u>not</u> 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.
- **Appropriate Testing for Children with Pharyngitis** Measures the percentage of children ages 2-18 with pharyngitis (sore throats) who were given an antibiotic <u>and</u> a group A streptococcus (strep) test for the episode period (July 1 of prior year to June 30 of measurement year). A higher rate represents better performance.
- Avoidance of Antibiotic Treatment in Adults with Acute Bronchitis Measures the percentage of adults 18–64 years of age with a diagnosis of acute bronchitis who were <u>not</u> dispensed an antibiotic prescription. A higher rate represents better performance

### "Staying Healthy" Measures

- Breast Cancer Screening Measures the percentage of women 52-69 who had a mammogram during the measurement year or prior year.
- **Cervical Cancer Screening** Measures the percentage of women ages 24-64 who received one or more Pap tests to screen for cervical cancer in the measurement year or the two years prior.
- **Colorectal Cancer Screening** Measures the percentage of adults ages 51-75 who had appropriate screening for colorectal cancer in the measurement year and prior year.
- **Cancer Screening Combined** Measures the percentage of adults ages 51-75 who received appropriate cancer screening services (breast, cervical, colorectal). A patient must be up-to-date for all three components to be considered up-to-date for this measure. Males need only be up-to-date for the colorectal cancer screening component to be considered up-to-date for the Cancer Screening Combined measure. Women 65-75 are considered up-to-date for the cervical cancer screening component; women 70-75 are considered up-to-date for the breast cancer screening component.
- **Chlamydia Screening** Measures the percentage of sexually active women aged 16-24 who had at least one test for Chlamydia infection during the measurement year.
- **Childhood Immunization Status (Combo 3)** Measures the percentage of children two years of age who had four DTaP/DT, three IPV, one MMR, two H influenza type B, three Hepatitis B, one VZV, and four pneumococcal conjugate vaccines within the HEDIS specified time period and by their second birthday.

## Care that Protects Patients from Medical Errors and Does not Cause Harm

### Health Information Technology Measures

This measure assesses the use of health information technology (HIT) by medical groups and clinics in Minnesota. HIT, when used to manage a patient's care, can benefit patients. HIT has the ability to ensure that all of a patient's health information is available to the doctor when needed. This helps prevent mistakes and reduce the need to repeat tests or delay decisions.

Health Information Technology (HIT) is the use of computers and computer programs, such as an electronic health record (EHR) to store, retrieve and securely transfer patient information electronically within health care settings. HIT use in clinics includes three phases: 1) adopting an EHR system; 2) using its various features to gather and manage patient information, and; 3) exchanging information among doctors' offices.

- <u>Adopt</u>: Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.
- <u>Utilize:</u> A patient's doctor uses the EHR to order lab tests, track health problems and improve the patient's care.
- Exchange: A patient's information is sent and received in a secure manner among the doctors involved in the patient's care.

Doctors, hospitals, laboratories and pharmacies that use HIT can document and share information about the care they provide. This can be helpful if a patient sees multiple doctors or has a medical condition that requires specific types of care.

### **Hospital Measures**

Hospital measure results have been obtained from the Minnesota Hospital Association. This report includes Inpatient Quality Indicators and Patient Safety Indicators that were developed by the Agency for Healthcare Research and Quality (AHRQ). In addition, we are now reporting numerous measures from the Centers for Medicare and Medicaid Services (CMS) Hospital Compare report. CMS process measures covering Heart Attack (AMI), Heart Failure, Pneumonia, and Surgical Care are included in this set.

All of these measures are based on patient discharge information and can serve as an indication of hospital quality. Minnesota hospitals routinely use these measures for quality improvement initiatives.

For detailed measure results for individual Minnesota hospitals, please refer to the HealthScores website at: <u>www.mnhealthscores.org</u>.

### Agency for Healthcare Research and Quality (AHRQ) Measures

The AHRQ measures are collected by the Minnesota Hospital Association using administrative data from Minnesota hospitals. The inpatient quality indicators reflect the quality of care inside hospitals, and include mortality and surgery measures. The patient safety indicators reflect hospital quality of care, but also focus on avoidable complications and events.

### **Inpatient Quality Indicators**

- Abdominal Aortic Aneurysm (AAA) Repair Volume- This measure is used to assess the raw volume of provider-level abdominal aortic aneurysm (AAA) repair (surgical procedure).
- AAA Repair Mortality Rate- This measure is used to assess the number of deaths per 100 discharges with procedure code of abdominal aortic aneurysm (AAA) repair.
- Percutaneous Transluminal Coronary Angioplasty (PTCA)- This measure is used to assess the raw volume of provider-level percutaneous transluminal coronary angioplasty (PTCA) (surgical procedure).
- *PTCA Mortality Rate* This measure is used to assess the number of deaths per 100 percutaneous transluminal coronary angioplasties (PTCAs).
- Coronary Artery Bypass Graft (CABG) Volume- This measure is used to assess the raw volume of provider-level coronary artery bypass graft (CABG) (surgical procedure).
- *CABG Morality Rate* This measure is used to assess the number of deaths per 100 discharges with a procedure code of coronary artery bypass graft (CABG).

### Hospital Measures

### **Patient Safety Indicators**

- *Hip Fracture Mortality Rate* This measure is used to assess the number of deaths per 100 discharges with principal diagnosis code of hip fracture.
- *Pressure Ulcer* This measure is used to assess the number of cases of decubitus ulcer per 1,000 discharges with a length of stay greater than 4 days.
- Death Among Surgical Patients with Treatable Serious Complications- This measure is used to assess the number of deaths per 1,000 patients having developed specified complications of care during hospitalization.
- Post-Operative Pulmonary Embolism or Deep Vein Thrombosis- This measure is used to assess the number of cases of deep vein thrombosis (DVT) or pulmonary embolism (PE) per 1,000 surgical discharges with an operating room procedure.
- *Obstetric Trauma* Vaginal Delivery with Instrument- This measure is used to assess the number of cases of obstetric trauma (3rd or 4th degree lacerations) per 1,000 instrument-assisted vaginal deliveries.
- Obstetric Trauma- Vaginal Delivery without Instrument- This measure is used to assess the number of cases of obstetric trauma (3rd or 4th degree lacerations) per 1,000 without instrument assistance.

### Centers for Medicare and Medicaid Services (CMS) Measures

The following CMS measures are process of care measures reported through Hospital Compare. The Minnesota Hospital Association provides these measures using administrative discharge data collected from Minnesota Hospitals.

Acute myocardial infarction (AMI) / heart attack process of care measures. AMI or heart attack is among the leading causes of hospital admission for Medicare beneficiaries, age 65 and older. The following process of care measures represent the best hospital practices for the treatment of AMI:

- Aspirin at arrival (AMI-1)
- Aspirin prescribed at discharge (AMI-2)
- Angiotensin Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) for Left Ventricular Systolic Dysfunction (LVSD) (AMI-3)
- Adult smoking cessation advice/counseling (AMI-4)
- Beta-blocker prescribed at discharge (AMI-5)
- Fibrinolytic therapy received within 30 minutes of hospital arrival (AMI-7a)
- Primary Percutaneous Coronary Intervention (PCI) received within 90 minutes of hospital arrival (AMI-8a)
- Appropriate Care Measure Percent of patients that met ALL heart attack process of care measures, if eligible

**Heart failure (HF) process of care measures.** Heart failure is the most common hospital admission diagnosis in patients age 65 or older. It is associated with several functional impairments and high rates of mortality and morbidity. The following process of care measures represent the best practices for the treatment of heart failure:

- Discharge instructions (HF-1)
- Evaluation of Left Ventricular Systolic (LVS) function (HF-2)
- ACEI or ARB for LVSD (HF-3)
- Adult smoking cessation advice/counseling (HF-4)
- Appropriate Care Measure Percent of patients that met ALL heart failure process of care measures, if eligible

### **Hospital Measures**

**Pneumonia (PN) process of care measures.** Community-acquired pneumonia is a major contributor to illness and mortality across Minnesota, and results in a high number of hospital admissions. The following process of care measures represent the best practices for the treatment of community-acquired pneumonia:

- Pneumococcal vaccination (PN-2)
- Blood cultures performed in the emergency department prior to initial antibiotic received in hospital (PN-3b)
- Adult smoking cessation advice/counseling (PN-4)
- Initial antibiotic received within 6 hours of hospital arrival (PN-5c)
- Initial antibiotic selection for community-acquired pneumonia (CAP) in immunocompetent patients (PN-6)
- Influenza vaccination (PN-7)
- Appropriate Care Measure Percent of patients that met ALL pneumonia process of care measures, if eligible

All surgical care improvement project (SCIP) process of care measures. Hospitals can reduce the risk of complications like infection or blood clots in surgery patients by providing appropriate treatment at the right time. The following process of care measures represent the best practices for preventing complications after certain surgeries, including colon surgery, hip and knee arthroplasty, abdominal and vaginal hysterectomy, cardiac surgery (coronary artery bypass grafts (CABG)) and vascular surgery:

- Prophylactic antibiotic received within one hour prior to surgical incision (SCIP-Inf-1)
- Prophylactic antibiotic selection for surgical patients (SCIPInf-2)
- Prophylactic antibiotics discontinued within 24 hours after surgery end time (SCIP-Inf-3)
- Cardiac surgery patients with controlled 6 a.m. postoperative blood glucose (SCIP-Inf-4)
- Surgery patients with appropriate hair removal (SCIP-Inf-6)
- Surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period (SCIP-Card-2)
- Surgery patients with recommended venous thromboembolism prophylaxis ordered (SCIP-VTE-1)
- Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery (SCIP-VTE-2)

# **Results by Measure**

(2009 Dates of Service)

# Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

## **Optimal Diabetes Care**

### **Optimal Diabetes Care (Clinic Level Results)**

This measures the percentage of patients with diabetes (Type I and Type II) 18-75 who reached all of the following five treatment goals to reduce cardiovascular risk:

- Blood pressure less than 130/80 mmHg
- LDL-C less than 100 mg/dl
- Hemoglobin A1c (HBA1c) less than 8
- Documented tobacco-free status
- Daily aspirin use (ages 41-75 on aspirin therapy unless contraindicated)

The statewide rate for Optimal Diabetes Care at the clinic level is 25.1 percent. Table 2 displays the details of this statewide rate at the clinic level. Figure 1 displays the statewide rates over time. Since the 2007 report, there has been a steady increase in this rate although this year's increase is primarily due to the relaxed A1C target. Chart 2.1 provides the rates for the clinic level data which are sorted by clinic from highest to lowest, along with the clinic average (designated by the bold black line). Chart 2.2 provides the rates for clinic level data rolled up by medical group. If a medical group has only one clinic, the clinic level result will be the same as the clinic level result rolled up by medical group. The rates are sorted by medical group from highest to lowest along with the clinic average (designated by the bold line).

This composite rate is calculated using an all-or-none method. Credit is given for achieving this measure when all five components are met. Data collected for this measure are reported directly to MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

### Table 2: Statewide Clinic Level Rate for Optimal Diabetes Care

		Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Diabetes	Care	25.1%	15.0%-27.0%	40,078	140,945	216,290
Fig	ure 2: Statewide Clin	nic Level Rat	e for Optima	Diabetes C	are Over Time	
100%						
90%						
80%						
70%						
60%						
50%						
40%						
30%						
20%						
10%			19%*		18%*2	5%
0%	2000 Durant		2000 David		2010 D	
	2008 Report	<i>c</i> , , , , , , , , , , , , , , , , , , ,	2009 Report		2010 Report	

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.

\*MNCM was able to recast the data from report year 2010 to reflect the former A1c target of <7.0 to show trending for report years 2008, 2009, and 2010.

Adult Medicine, PA				1		1	-				F 4
CentraCare - Becker											51 60
Allina Medical Clinic - Brooklyn Park											75
ACMC - Litchfield Clinic (East)											
CentraCare - Internal Medicine River											338
HP - Inver Grove Heights											60
Southdale Internal Medicine, P.A.											410
Apple Valley Medical Clinic											60
											105
FHSM - White Bear Office											278
HealthEast - Midway											477
Allina Medical Clinic - Blaine											17
Park Nicollet Clinic - Golden Valley											593
Allina Medical Clinic - Buffalo											563
AMC - West Health Campus											419
WWMA - Ellsworth Medical Clinic				F			-				60
Fairview Oxboro Clinic						-					115
Allina Medical Clinic - St. Michael											130
HP - RiverWay Elk River					<b>⊢</b> ◆	—					39
Allina Medical Clinic - Eagan					<b>⊢</b> ◆	-					514
Fairview Bass Lake Clinic					+						122
HP - Arden Hills						<u> </u>					535
Fairview Rosemount Clinic					• •						158
Allina Medical Clinic - Coon Rapids					•	1					296
Fairview Eagan Clinic						-1					464
Allina Medical Clinic - Farmington						-					317
HealthEast - Downtown St. Paul					<b>⊢</b>	-					550
FHSM - Gorman Clinic					<b> </b>	-1					428
Fairview RidgeValley Clinic					++++	-4					237
Allina Medical Clinic - West St. Paul					<b> </b> ●						830
Allina Medical Clinic - Ramsey					<u></u>						632
AMC - The Doctors Uptown					<b>⊢</b>	-1					245
<b>AMC - Crossroads Shakopee Dean Lakes</b>					<b>⊢</b> +	—					180
Allina Medical Clinic- Woodbury					<b>⊢</b> ♦–						912
Allina Medical Clinic - Elk River					+	1					328
MHS Cannon Valley Clinic					•				_		60
CentraCare - Melrose					•						60
Park Nicollet Clinic - Shorewood				E F	•	-					203
Fairview Lakeville Clinic				Η	•	—					116
AMC - United Medical Specialties					<b>⊢</b> ♦–1						140
Park Nicollet Clinic - Wayzata					<b>⊢</b>						498
HP - Coon Rapids					<b>H</b>						753
Allina Medical Clinic - Edina					<b>H</b>						46
Allina Medical Clinic - Woodlake					<b>⊢</b> ♦−1						759
Allina Medical Clinic - Northfield					<b>→</b>					_	80
Allina Medical Clinic - Shoreview											670
Allina Medical Clinic - Hastings					· • • • •						680
Allina Medical Clinic - Cottage Grove					i i i i i i i i i i i i i i i i i i i						84
France Avenue Family Physicians											36
HealthEast - Vadnais Heights											37
Allina Medical Center - Maple Grove				H							324
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

-

 $\Delta$  Endocrinology |------|Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
AHS - Allina Health System	FHSM - Family Health Services Minnesota	Metabolism & Endocrinology	SCMG - St.Cloud Medical Group
AMC - Allina Medical Clinic	FPMC - Family Practice Medical Center	NFP - Northwest Family Physicians	SJMC - St. Joseph's Medical Center
AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	<b>UMP</b> - University of Minnesota Physicians
<b>CRPC</b> - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

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Chart 2.1: Opti	mal Di	iabet	es Car	e (Clin	ic Lev	vel Res	ults) -	· contii	nued		n
HP - RiverWay Andover											58
Quello Clinic - Chanhassen				- H		<b>→</b>					9
Franciscan Skemp - LaCrescent				- H							6
UMP Mill City Clinic							-				3
Allina Medical Clinic - Cokato				- I	-	-					14
Quello Clinic - Edina				E F							39
Allina Medical Clinic - Champlin				- F							57
HP - North Suburban Roseville				i F							34
Allina Medical Clinic - Isles					-						25
Allina Medical Clinic - Prescott					•						5
Fairview Crosstown Clinic					-						37
Allina Medical Clinic - Forest Lake											72
AMC - Hastings (Nininger)				- i F	-						47
HP - Riverside				E F							96
Park Nicollet Clinic - Prairie Center					-						28
HP - Brooklyn Center				- i i i							83
ACMC - Granite Falls Clinic											30
HealthPartners - Apple Valley											52
PNC - St. Louis Park Internal Medicine					♦┼-┨ ┠∙╋┼┨						15
Park Nicollet Clinic - Eagan											57
AMC - Crossroads Chaska				- E							29
ACMC - Redwood Falls Clinic											50
											6
ISJ - Mankato Northridge SCMG - Clearwater Medical Clinic											6
ACMC - New London Clinic											18
											66
HP - Maplewood											47
HP - West											
Park Nicollet Clinic - Plymouth											47
Park Nicollet Clinic - Carlson											73
Allina Medical Clinic - Annandale					•						14
Fairview Maple Grove Medical Center											21
FHSM - Banning Avenue					•						28
HP - Como					<b>◆</b> -						83
Allina Medical Clinic - Faribault				. F	<b>◆</b> -						88
Allina Medical Clinic - Shakopee					+						44
Fairview Northeast Clinic				[	<b>→  </b>						39
Park Nicollet Clinic - Prior Lake											20
Immanuel St. Joseph - St. Peter											6
SCMG - Cold Spring Medical Clinic											6
HP - Woodbury				H							93
AMC - Cambridge Medical Center				H	H						14
NP - Northland Family Physicians											5
Park Nicollet Clinic - Burnsville											12
Allina Medical Clinic - Nicollet Mall											59
ACMC - Marshall Clinic (Market Street)											87
HP - RiverWay Anoka											93
HP - White Bear Lake				<b>⊢</b>	i						43
Allina Medical Clinic - North Branch				<b>⊢</b> +							9
Fairview Zimmerman Clinic				• •							27
ACMC - Benson Clinic											29
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

 $\triangle$  Endocrinology |------|Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
<b>CRPC</b> - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

Chart 2.1: Optimal Dia	abetes Care (Clinic Level Results)	- continued <sup>n</sup>
FHSM - Shoreview		22
Park Nicollet Clinic - Chanhassen		68
Immanuel St. Joseph - Springfield		6
WWMA - Spring Valley Medical Clinic		6
Allina Medical Clinic - Mora		58
Northwest Family Physicians - Rogers		23
Park Nicollet Clinic - Maple Grove		1'
Fairview Hiawatha Clinic		50
HealthEast - Cottage Grove		54
ACMC - Willmar Clinic		15
Family Practice Med. Center of Willmar		52
HealthEast - Woodbury		74
FHSM - Highland Family Physicians		30
FHSM - Afton Road		4
Fairview Lino Lakes Clinic		27
HealthEast - Hugo		9
Immanuel St. Joseph - Le Sueur		6
Luther Midelfort - Chippewa Valley		
Mankato Clinic - North Mankato		6
Northstar Physicians - Raiter Clinic		3
Burnsville Family Physicians		20
FHSM - Inver Grove Heights		44
HP - Health Specialty Center		17
HP - North Suburban Lino Lakes		20
Quello Clinic - Lakeville		31
Fairview EdenCenter Clinic		4
Park Nicollet Clinic - Brookdale		14
MeritCare - Mahnomen		8
WWMA - River Falls Medical Clinic		
CentraCare - Diabetes Center		6
CC - Family Medicine - Health Plaza		6
Franciscan Skemp - Sparta		6
		6
Immanuel St. Joseph - Madelia		
Mayo Clinic - Northeast		6
Wabasha Clinic		6
WWMA - New Richmond Clinic		6
Park Nicollet Clinic - Bloomington		62
AHS - New Ulm Medical Center		94
Fairview Ridges Clinic		80
HP - Bloomington		60
Fairview Hugo Clinic		1
St. Mary's/Duluth Clinic - Hayward		49
Park Nicollet Clinic - Shakopee		7
FHSM - North St. Paul Clinic		67
Fairview Chisago Lakes Clinic		33
ACMC - Marshall (Bruce Street)		8
HP - Health Center for Women		24
AHS - ANGMA - Edina		42
Parkway Family Physicians		1:
HealthEast - Grand Avenue		10

 $\triangle$  Endocrinology |------| Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
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CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	<b>UMP</b> - University of Minnesota Physicians
<b>CRPC</b> - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

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Chart 2.1: Optima	Diabetes Care (Clinic Level Results) - con	ntinued <sup>n</sup>
PNC - St. Louis Park Family Medicine		9
Fairview North Branch Clinic		3:
CentraCare - Heartland		6
CentraCare - St. Joseph		6
ISJ - Mankato Eastridge		6
St. Cloud Medical Group - Northwest		6
St. Mary's/Duluth Clinic - Spooner		3
FHSM - Larpenteur Clinic		3
Fairview Highland Park Clinic		30
Fairview Princeton Clinic		6
Fairview Elk River Clinic		34
SMDC - Hermantown		5
OMC - Plainview Clinic		8
HealthEast - Maplewood		3
Fairview Red Wing Medical Center		9
Hutchinson Medical Center		10
FHSM - Woodbury Office		2
Franciscan Skemp - Caledonia		6
Franciscan Skemp - Waukon		6
Luther Midelfort - Eau Claire		6
Fairview CedarRidge Clinic		6
OMC - Rochester Northwest		1
St. Mary's/Duluth Clinic - Ely		4
FHSM - Woodlane Family Practice		2
AMC - Crossroads Prior Lake		1
St. Mary's/Duluth Clinic - Chisholm		7
St. Mary's/Duluth Clinic - Aurora		34
Fairview Milaca Clinic		2
HP - Center for International Health		3
NFP - Plymouth		2
St. Mary's/Duluth Clinic - Ashland		6
St. Mary's/Duluth Clinic - Hibbing		5
Fairview Uptown Clinic		2
HP - Midway		4
SMDC Medical Center - DC West		7
SMDC Medical Center - DC Lakeside		34
SMDC - Superior		84
CentraCare - Internal Medicine Plaza		6
Fairview Mesaba Clinic - Mountain Iron		6
Lake City		6
Mayo Clinic - Northwest		6
Owatonna Clinic		6
UMP - Smiley's Clinic		4
MeritCare - Southpointe Int. Medicine		7
HP Central Minnesota Clinics - St. Cloud		5
Quello Clinic - Savage		1
Quello Clinic - Burnsville		4
MeritCare - S. Moorhead Int.l Medicine		3
MeritCare - Black Duck		1
UMP - Phalen Clinic		3

 $\triangle$  Endocrinology |------|Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	<b>STL</b> - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
CRPC - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

Chart 2.1: Optimal	Diab	etes (	Care (C	linic l	_evel F	Results	5) - con	tinued	1	n*
Fairview Lakes Medical Center		i F				1	1			93
MeritCare - Perham			⊢i							35
△PNC - St. Louis Park Endocrinology		- F	H							285
WWMA - Hudson Physicians		- H								97
NMC - Camden Physicians Plymouth			⊢ i							44
OMC - St. Charles Clinic		<u> </u>		-						70
HP - St. Paul		Ē	H							90
HealthEast - Oakdale		H								51
Franciscan Skemp - Prairie du Chien	- F			-						60
Immanuel St. Joseph - St. James	- F			-						60
Lakeview Clinic - Waconia	- F			-						60
Mankato Clinic - Mapleton	- F			-						60
Mayo Clinic - Baldwin Bldg, Family Med.	- F			-						60
Mayo Clinic - Kasson	E F			-						60
Steven Saliterman, MD	- i - i			-						60
MeritCare - New York Mills		- H								16
ACMC - Litchfield Clinic (West)		- H								27
MeritCare - Bemidji Internal Medicine		— i —								63
Park Nicollet Clinic - Creekside			i							24
Multicare Assoc Blaine Med. Center										63
MeritCare - North Fargo		_ ⊨								25
SMDC Medical Center - DC First St Bldg		- H	H							130
Richard Schoewe MD	E F			4						58
UMP - Medicine 6 Clinic, Endocrine		_ <u> </u> ●								28
Altru Health System - Drayton	E F			-						54
MeritCare - Southpointe Family Med.										74
UMP - Primary Care Center		— <b> </b> →								47
NMC - Plymouth Internal Medicine		_ l <del>i </del> ♦	-1							45
NMC - Golden Valley Physicians		_ <u>I</u> _+								37
Northwest Family Physicians - Crystal		<b>i_</b> +	H							75
Innovis Health - Wahpeton		<b></b>								12
Family Medicine of Winona	E F	+								60
Franciscan Skemp - LaCrosse	E F	+								60
ISJ - Mankato Specialty Clinic	i F	•								60
Innovis Health - Lisbon	E E	•								60
Mankato Clinic - Daniel's Health Center	- i - F	•								60
Mayo Clinic- Baldwin Bldg, Internal Med.	- E	•								60
Richfield Medical Group	E F	•								60
St. Cloud Medical Group - South	E F	•								60
St. Mary's/Duluth Clinic - Deer River		l i +	-1							41
FHSM - Vadnais Heights Office		l i →								29
Rainy Lake Medical Center		l i →	-							48
MeritCare - Valley City		_ I →								30
NMC - Brooklyn Center Physicians		+++								20
Allina Medical Clinic - Hinkley		<b>⊢</b>								16
Fairview Jonathan Clinic		<b></b>								12
Fairview Brooklyn Park Clinic	H	•								12
Fairview Mesaba Clinic - Hibbing	F									12
Endocrinology Clinic of Minneapolis	E E									80
Bloomington Lake Clinic - Minneapolis			-							46
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

 $\triangle$  Endocrinology |------|Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
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AMC - Allina Medical Clinic	FPMC - Family Practice Medical Center	NFP - Northwest Family Physicians	SJMC - St. Joseph's Medical Center
AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
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Fairview Rush City Clinic			
Fairview Red Wing Zumbrota Clinic			
Olmsted Medical Center - Byron Clinic			
tillwater Med Group-Curve Crest Clinic	H+-1		
Aulticare Assoc Fridley Medical Ctr.			
Bloomington Lake Clinic - Xerxes			
IAHC - Dassel Medical Center			
AeritCare - Jamestown		· · · · ·	
spen Medical Group - White Bear Lake		4	
Austin Medical Center			
Cannon Falls Medical Center			
Catalyst Medical Clinic			
Franciscan Skemp - Holmen			
ranciscan Skemp - Onalaska		-	
mmanuel St. Joseph - Waseca			
nnovis Health - West Acres			
uther Midelfort - Oakridge			
Mankato Clinic - Wickersham Campus			
AeritCare - Mayville			
Red Cedar Medical Center			
Ridgeview Chanhassen Clinic			
Dimsted Medical Center - Preston Clinic			
Aulticare Assoc Roseville Medical Ctr.			
SuperiorHealth Center - Lakewalk			
Winona Health - Winona Health Clinics			
NP - Cromwell Medical Clinic			
Wheaton Community Medical Center			
HealthEast - Roselawn			
DMC - Pine Island Clinic			
Albert Lea Medical Center			
Gateway Fam. Health Clinic - Moose Lk.			
nnovis Health - Walker			
St. Luke's Clinics - P.S. Rudie Med. Clinic			
HSM - Maryland Clinic			
ALFA Family Clinic			
AeritCare - Broadway Internal Medicine			
Park Nicollet Clinic - Minneapolis			
MC - Brooklyn Park Physicians			
airview Columbia Heights Clinic			
•			
AeritCare - Twin Valley			
AeritCare - Endocrinology			
alley Family Practice			
Itru Health System - Family Med. Ctr.			
MC - Rochester Southeast	H+		
t. Mary's/Duluth Clinic - Virginia			
Aspen Medical Group - Highland			
CentraCare - Long Prairie			
Dawson Clinic			
ranciscan Skemp - Lake Tomah			

 $\triangle$  Endocrinology |------| Lower Confidence Level/Upper Confidence Level n\* = sample size

ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
AHS - Allina Health System	FHSM - Family Health Services Minnesota	Metabolism & Endocrinology	SCMG - St.Cloud Medical Group
AMC - Allina Medical Clinic	FPMC - Family Practice Medical Center	NFP - Northwest Family Physicians	SJMC - St. Joseph's Medical Center
AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
CRPC - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

Chart 2.1: Optima	al Diabetes Care (Cli	nic Level Results) - <i>continued</i>	n*
Innovis Health - Moorhead			60
Mayo Clinic - Mayo Building	<b>}</b> ♦ <mark>}</mark> [		60
HealthEast - Rice Street	<b>⊢</b> ♦ I		55
MeritCare - S. Moorhead Family Med.			35
STM Innovis Health Clinic -Detroit Lakes			120
MeritCare - East Grand Forks			29
Murray County Clinic			76
Mankato Clinic - Main Street			154
Fairview Fridley Clinic			120
Aspen Medical Group - Bandana Square			60
Fairmont Medical Center			60
Fairview Mesaba Clinic - Nashwuk			60
Northstar Physicians - Fam. Med. Center			60
St. Luke's Clinics - Denfeld			60
STL Clinics - Endocrinology Associates			60
STL Clinics - Internal Medicine Assoc.			60
N. Clinic - Oakdale Office in Robbinsdale			12
HFA - Hennepin Care South			26
NMC - Camden Physicians Maple Grove			35
St. Luke's Clinics - Miller Creek			56
Winona Health - Lewiston Clinic			50
UMP - Bethesda Clinic			42
Ridgeview Delano Clinic			15
Brainerd Medical Clinic			12
Fairview Blaine Clinic			12
MeritCare - West Fargo			53
SMMC - Le Sueur Medical Clinic			89
MNCOME			65
			60
Aspen Medical Group - Maplewood			60
Gateway Fam. Health Clinic - Sandstone			
Green Central Medical Clinic			60
Lakeview Clinic - Chaska			60
Luther Midelfort - Northland			60
SC - Tracy/Balaton/Walnut Grove			60
STL Clinics - Hibbing Family Med. Clinic			60
Winona Health - Rushford Clinic			60
MeritCare - Hillsboro			134
NMC - Minnetonka Physicians			229
Scenic Rivers Health Services - Bigfork			18
Hartberg Medical Clinic			61
HFA - HFA Internal Medicine Clinic			49
CCM Hospital & Medical Clinic			68
OMC - Wanamingo Clinic			34
New Spirit Women's Clinic			62
NMC - Camden Physicians - Mpls			33
Lake View Clinic - Two Harbors			77
Albany Medical Center			70
NP-Family Medical Clinic-Internal Med.			56
MeritCare - Hawley			57
MeritCare - Resident Clinic			93

 $\triangle$  Endocrinology |------| Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
AHS - Allina Health System	FHSM - Family Health Services Minnesota	Metabolism & Endocrinology	SCMG - St.Cloud Medical Group
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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	<b>UMP</b> - University of Minnesota Physicians
CRPC - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

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Chart 2.1: Opti	mal Diabetes Care (Clinic Level R	esults) - <i>continued</i> <sup>n*</sup>
OMC - Chatfield Clinic		10
MeritCare - Detroit Lakes		46
Parkview Medical Clinic		73
NMC - Northeast Family Physicians		17
Sanford Clinic Westbrook		66
MeritCare - Thief River Falls NW Clinic		45
Paynesville Eastside Medical Clinic		37
Silver Lake Clinic - Shoreview		23
MeritCare - Bemidji North		14
Innovis Health - Park Rapids		12
Innovis Health - Menahga		60
Innovis Health - West Fargo		60
Lakeview Clinic - Norwood		60
Mankato Clinic - Lake Crystal		60
Sanford Clinic - Canby		60
SJMC - Crosslake Clinic		60
SJMC - Pillager Clinic		60
St. Luke's Clinics - Mariner Med. Clinic		
St. Luke's Clinics - Mount Royal		60
MeritCare - Bemidji Family Medicine		58
MeritCare - Enderlin		39
Ridgeview Westonka Clinic		40
Altru Health System - Main		63
Healing Spirit Clinic		48
SuperiorHealth Center - Proctor		65
Mid Minnesota Family Medicine Center		27
St. Luke's Clinics - Bay Area		66
Northstar Physicians - Iron Range Clinic		58
		39
Silver Lake Clinic - St. Anthony		59
Altru Health System - Lake Region		i i i i
Fairview Andover Clinic		60
Franciscan Skemp - Arcadia		60
Innovis Health - Jamestown		60
Sanford Clinic - Luverne		60
Sanford Clinic - Jackson		60
STL Clinics - Duluth Internal Med. Assoc.		60
WSCHS - La Clinica		60
Stillwater Med. Group - Somerset Clinic		95
Altru Health System - Cavalier		61
HFA - HCMC Whittier Clinic		70
Sawtooth Mountain Clinic, Inc		70
Fairview Red Wing Ellsworth Clinic		62
MeritCare - Walker		19
Glencoe Regional Health Services		24
Edina Family Physicians		80
United Hospital District Clinic		80
MeritCare - Wahpeton		36
△HFA - Ctr. for Diab. & Endocrinology		37
HFA - Hennepin Fam. Care E.Lake Clinic		28
RCHC - Hector		55

 $\triangle$  Endocrinology |------| Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	<b>STL</b> - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
<b>CRPC</b> - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

Chart 2.1: Opt	timal Di	iabetes (	Care (C	linic L	evel R	esults	) - con	tinued	n,
NMC - Elk River Physicians	H								17
Edina Sports Health & Wellness	H								19
HFA - Hennepin Center for Senior Care		, i							66
SMMC - Belle Plaine Clinic									86
NP - Central Lks. Med. Clinic-Int. Med.									67
Boynton Health Service									12
NP - Duluth Family Practice Center									78
North Clinic - Osseo Office									13
Alexandria Clinic									12
MeritCare - Pelican Rapids									10
Grand Itasca Clinic									80
Aspen Medical Group - Bloomington									60
AMG - Inver Grove Heights									60
Clearwater Health Services Clinic									60
Lakeview Clinic - Watertown									60
Open Cities Health Center - Dunlap									60
Sanford Clinic Adrian									
Sanford Clinic Adrian St. Luke's Clinics - Laurentian									60
									60
St. Mary's Innovis Health Clinic - Frazee									60
Mille Lacs Health System - Onamia									61
SJMC - Pine River Clinic									61
Northside Medical Clinic									10
Paynesville Chain of Lks. Medical Clinic									94
Stevens Community Medical Center		_							30
Hendricks Clinic P.A.									74
Scenic Rivers Health Services-Northom	ie 🗕 🔶								43
RiverView Clinic North									66
Sanford Clinic - Mountain Lake									66
ELEAH Med. Center - Morris Prairie Med	d. 🛛 🗕 🔶								55
North Clinic - Maple Grove Office									67
Sanford Clinic Windom									67
NorthPoint Health & Wellness Center	. I <del>♦  </del>								82
Lakeview Medical Clinic		-1							25
Avera Worthington Specialty Clinic									80
UMP - Broadway Family Medicine	_ <b>⊢</b> ♦	1							52
FamilyHealth Medical Clinic - Lonsdale	I I → I								69
HFA - HCMC Positive Care Clinic		<b>—</b>							81
Lac Qui Parle Clinic	<b>⊢→</b> †								71
FCHS - Central Avenue Clinic	⊢ ♦	I							60
Innovis Health - Fosston	I I → 1	——————————————————————————————————————							60
Innovis Health - Valley City	I →								60
Southside Medical Clinic	I I → I	——————————————————————————————————————							60
SJMC - Pequot Lakes Clinic	I →								60
St. Luke's Clinics - Chequamegon Clinic	<b>⊢</b>								60
MeritCare - Cass Lake									73
Altru Health System - Grand Forks	<b>⊢</b>								61
Altru Health System - Warroad									61
Buffalo Clinic - Albertville - St.Michael									12
Foley Medical Center									76
Buffalo Clinic - Buffalo									14
	0% 10	0% 20%	30%						100%

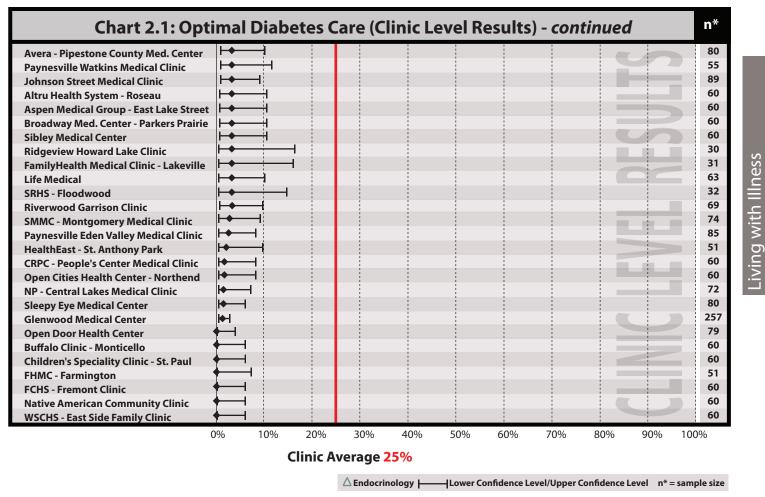
ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
AHS - Allina Health System	FHSM - Family Health Services Minnesota	Metabolism & Endocrinology	SCMG - St.Cloud Medical Group
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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
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Chart 2.1: Opti	mal Diabetes Ca	re (Clinic Level Res	ults) - <i>continued</i>	n*
HFA - Hennepin Care North	<b>I</b> ♦–]			256
Community - Univ. Health Care Center				65
Tyler Medical Clinic				66
OMC - Spring Valley Clinic				133
LakeWood Health Center Clinic				80
Graceville Health Center Clinic				40
OMC - Stewartville Clinic				94
FamilyHealth Medical Clinic - Northfield				108
HFA - HCMC Medicine Clinic	⊢•I			1995
SCMC - Starbuck Clinic				57
Bertha Medical Clinic				43
Brooten Medical Center				43
St. Croix Family Medical Clinic				43
RCHC - Olivia	<b>⊢</b> → ;I ;			162
Paynesville Medical Clinic				104
Appleton Clinic				60
Aspen Medical Group - Hopkins				60
<b>Consultants Internal Medicine</b>				60
NP - Longville Lakes Clinic				60
Riverside Family Physicians				60
WSCHS - McDonough Homes Clinic			_	60
Attending Physicians				91
Paynesville Green Lake Medical Clinic				31
Avera - United Medical Clinic				79
Burnett Medical Center				224
N. Clinic - West Health Office, Plymouth				69
Wadena Medical Center				69
SMDC - Duluth Clinic	<b>⊢</b> ♦—-]			157
United Family Medicine				70
Allina Health System - ANGMA - Mpls				55
Gateway Family Health Clinic - Hinckley				37
Ottertail Area Medical Clinic				37
Sanford Clinic - Lakefield				38
St. Joseph's Medical Center - Pierz Clinic				59
Broadway Medical Center - Alexandria				218
Riverwood McGregor Clinic				80
Ridgeview Excelsior Clinic				80
Riverwood Aitkin Clinic				80
Henning Medical Clinic				60
Mille Lacs Health System - Isle				60
Ridgeview Winsted Clinic				60
Altru Health System - Crookston				61
RCHC - Renville				61
Sanford Clinic - Worthington				61
Range Medical Services, Ltd.				105
Paynesville Richmond Medical Clinic				106
ELEAH Medical Center - Elbow Lake				65
SMMC - New Prague Medical Clinic				148
Scenic Rivers Health Services - Cook				128
Lk. Superior Comm. Health Ctr Duluth				79
	% 10% 20%	30% 40% 50% 6	0% 70% 80% 90% 1	00%

 $\triangle$  Endocrinology — Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
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AMG - Aspen Medical Group	HAHC - Hutchinson Area Health Care	NMC - North Memorial Clinic	SMG - Stillwater Medical Group
ANGMA - Abbot Northwestern General	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SMMC - South Metro Medical Clinic
Medicine Associates	HP - HealthPartners	OMC - Olmsted Medical Center	SRHS - Scenic River's Health Services
BC - Buffalo Clinic	ISJ - Immanuel St.Joseph	PNC - Park Nicollet Clinic	STL - St. Luke's
CC - CentraCare	MA - Multicare Associates	RCHC - Renville County Hospital Clinics	STMI - St. Mary's Innovis
CCM - Chippewa County Montevideo	MC - MeritCare	SC - Sanford Clinic	UMP - University of Minnesota Physicians
CRPC - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	



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ACMC - Affiliated Community Medical Centers	FCHS - Fremont Community HealthServices	MNCOME - Minnesota Center for Obesity,	SCMC - Steven's Community Medical Center
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<b>CRPC</b> - Cedar Riverside People's Center	MHS - Mayo Health System	SMDC - St.Mary's Duluth Clinic	

• Immanuel St. Joseph's -

Immanuel St. Joseph's –

**Park Nicollet Health Services** 

St. Louis Park Family Medicine

St. Louis Park Internal Medicine

Southdale Internal Medicine, P.A.

St. Cloud Medical Group

Clearwater Medical Clinic

Cold Spring Medical Clinic

St. Mary's/Duluth Clinic Health

Mankato Northridge

St. Peter

Brookdale

Burnsville

Chanhassen

Maple Grove

Prairie Center

Plymouth

Prior Lake

Shakopee

Wayzata

Edina

System

Hayward

Spooner

Lakeville

**Ouello** Clinic

Chanhassen

Shorewood

Carlson

EaganGolden Valley

Bloomingtown

## Performance Highlights - <u>Clinic Level</u> Results

### **Highest Performers in 2010**

Clinic level results showed that an average of 25 percent of patients with diabetes met all five required components included in this measure. **Adult Medicine, PA** set the benchmark of 61 percent of diabetes patients in full compliance with all five diabetes-care components. There were 139 of 527 clinics with rates and confidence intervals fully above the clinic level average. The high performing clinics are listed below in alphabetical order under the heading of their medical group name:

#### Adult Medicine, PA Affiliated Community Medical Centers

#### Benson Clinic

- Granite Falls Clinic
- Litchfield Clinic (East)
- Marshall Clinic
- New London Clinic
- Redwood Falls Clinic
- Willmar Clinic

#### **Allina Medical Clinic**

- Abbott Northwestern General Medicine Associates (Edina)
- Annandale
- Blaine
- Brooklyn Park
- Buffalo
- Cambridge Medical Center
- Champlin
- Cokato
- Coon Rapids
- Cottage Grove
- Crossroads ChaskaCrossroads Shakopee Dean
- Lakes
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St)
- Isles
- Maple Grove
- Mora
- New Ulm Medical Center

20 percentage point increase.

- Nicollet Mall
- North Branch
- Northfield
- Prescott

30

- Ramsey
- Shakopee
- Shoreview
- St. Michael
- The Doctors Uptown
- United Medical Specialties
- West Health Campus
- West St. Paul
- Woodbury
- Woodlake

#### Apple Valley Medical Clinic Burnsville Family Physicians

- CentraCare Health System
- Becker
   Internal Medicine River
- Campus
- Melrose
- **Fairview Health Services**
- Bass Lake Clinic
- Chisago Lakes Clinic
- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- Elk River Clinic
- Hiawatha Clinic
- Lakeville Clinic
- Lino Lakes Clinic
- Maple Grove Medical Center
- North Branch Clinic
- Northeast Clinic
- Oxboro Clinic
- Princeton Clinic
- Red Wing Medical Center
- Ridges Clinic
- RidgeValley Clinic
- Rosemount Clinic
- Zimmerman Clinic

#### Family HealthServices Minnesota

Afton Road

**Biggest Improvement from 2009-2010** 

Banning Avenue Office

- Gorman Clinic
- Highland Family Physicians
- Inver Grove Heights
- Larpenteur
- North St. Paul Clinic
- Shoreview
- White Bear Office
- Family Practice Medical Center of Willmar

### France Avenue Family Physicians

- HealthEast
- Cottage Grove
- Downtown St. Paul
- Midway
- Vadnais Heights
- •Woodbury
- HealthPartners Clinics
- Apple Valley

Health Center for Women

North Suburban Lino Lakes

North Suburban Roseville

**Hutchinson Medical Center** 

Health Specialty Center

Inver Grove Heights

RiverWay Andover

RiverWay Anoka

White Bear Lake

Mayo Health System

Cannon Valley Clinic

• Franciscan Skemp -

Woodbury

LaCrescent

The greatest improvements since report year 2009 in Optimal Diabetes Care (clinic level results) were made by **CentraCare-Becker** and **CentraCare-Internal Medicine River Campus** with each achieving greater than a

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RiverWay Elk River

- Arden Hills
- Bloomington

Coon Rapids

Maplewood

Riverside

• West

Como

Brooklyn Center

Living with Illness

# Performance Highlights - Clinic Level Results

### **<u>Clinic Level</u>** Performance Over Time (2008-2010)

We reviewed the data to identify patterns of <u>clinic</u> performance in those clinics that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

Under direction of the MARC, MNCM changed the A1C level from <7.0 to <8.0 this year to coincide with guidelines. MNCM was able to recast the data from Report Year 2009 and 2008 to reflect this change and allow for trending to be shown below for report years 2008, 2009, and 2010. The four additional components for Optimal Diabetes Care (Blood Pressure, LDL-C, Daily Aspirin use, and Documented Tobacco-Free Status) were kept the same as no changes were made to the measure for these components.

# The following forty-eight <u>clinics</u> achieved <u>consistently high performance and above average rates over the</u> <u>past three years</u> for Optimal Diabetes Care:

#### Affiliated Community Medical Centers

- Granite Falls Clinic
- Redwood Falls Clinic
- Allina Medical Clinic
- Annandale
- Buffalo
- Cokato
- Coon Rapids
- Eagan
- Edina
- Elk River
- Forest Lake
- Isles
- Maple Grove
- Ramsey
- Shoreview
- The Doctors Uptown
- West Health Campus
- West St. Paul

Woodbury
 Woodlake
 Apple Valley Medical Clinic
Fairview Health Services

#### Chisago Lakes Clinic

- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- Elk River Clinic
- Hiawatha Clinic
- Lakeville Clinic
- Lino Lakes Clinic
- North Branch Clinic
- Northeast Clinic
- Northeast Cli
- Oxboro Clinic
- Princeton Clinic
- Red Wing Medical Center
- Ridges Clinic
- RidgeValley Clinic

#### Family HealthServices Minnesota

- Afton Road
- Banning Avenue Office
- Shoreview

#### Family Practice Medical Center of Willmar France Avenue Family Physicians HealthEast • Midway

#### HealthPartners Clinics

- Apple Valley
- Arden Hills
- Como
- Inver Grove Heights
- Woodbury

#### Park Nicollet Health Services

Maple Grove

Golden Valley Physicians

Crystal

Rogers

Plymouth

Brookdale

Burnsville

Chanhassen

Plymouth

Prior Lake

Wayzata

**Ouello** Clinic

Burnsville

EdinaLakeville

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Prairie Center

Carlson

EaganGolden Valley

Bloomingtown

**Northwest Family Physicians** 

**Park Nicollet Health Services** 

St. Louis Park Endocrinology

Southdale Internal Medicine, P.A.

St. Cloud Medical Group

• St. Louis Park Internal Medicine

Northwest

Ashland

Aurora

Chisholm

Brookdale

• DC West

Hayward

Hibbing

Spooner

Superior

Virginia

Physicians

Phalen

Bethesda

• DC Lakeside

St. Mary's Duluth Clinic

**University of Minnesota** 

Western Wisconsin Med. Assoc.

31

Ellsworth Medical Clinic

#### Seventy-two clinics showed consistent improvement over three years:

#### Affiliated Community Medical

- Centers
- Benson Clinic
- Marshall Clinic (Market Street)
- Redwood Falls Clinic

#### Willmar Clinic

- Allina Medical Clinic
- Buffalo
- Cambridge Medical Center
- Coon Rapids
- Elk River
- Farmington
- Hinkley
- Mora
- The Doctors Uptown
- United Medical Specialties
- West Health Campus
- Woodbury
- Woodlake
- **Aspen Medical Group**
- Bandana Square
- Highland
- CentraCare Health System
- Becker

- Heartland
   Family Medicine- Health Plaza
- Internal Medicine River Campus Edina Sports Health & Wellness France Avenue Family Physicians
- HealthEast
   Owntown St. Paul
- Grand Avenue
- Vadnais Heights
- HealthPartners Clinics
- Elk River (Riverway Clinics)
- Health Specialty Center (Phalen)
- Lino Lakes (NSFP)
  - (NSFP)
- MaplewoodMidway
- Riverside
- Riverside
   Roseville (NSFP)
- RC
  - West MeritCare
    - New York Mills
    - Multicare Associates
    - Blaine Medical Center
       New Spirit Women's Clinic
       North Memorial Clinic

# Performance Highlights - <u>Clinic Level</u> Results

### **<u>Clinic Level</u>** Performance Over Time (2008-2010)

#### Fifteen clinics showed consistent decreases over three years: **AALFA Family Clinic** Ridges Maplewood Fairview Health Services Uptown MeritCare CedarRidge Clinic **Family HealthServices Minnesota** Broadway Internal Medicine North Clinic Chisago Lakes Clinic Afton Road North St. Paul Clinic WestHealth Office in Plymouth Hugo Clinic Lakes Medical Center Woodlane Family Practice **United Family Medicine** North Branch Clinic HealthEast Eighteen clinics had rates that were relatively stable over three years: **Aspen Medical Group** Maryland Clinic Southpointe Internal Medicine HealthEast Hopkins North Clinic CentraCare Health System Roselawn Osseo Office Diabetes Center MeritCare **Renville County Hospital and Fairview Health Services** Bemidji North Clinics Northeast Clinic Detroit Lakes Hector Family HealthServices Minnesota East Grand Forks Silver Lake Clinic Banning Avenue Jamestown St. Anthony Steven Saliterman, MD Larpenteur Clinic Pelican Rapids

#### One hundred seventy-five clinics did not have a discernable pattern over three years.

Living with Illness

Chart 2.2: Optimal	Diabetes Care (Clinic Level Results <u>by Medical Group</u> )	n*
Adult Medicine, PA		51
Southdale Internal Medicine, P.A.		60
Apple Valley Medical Clinic		105
Allina Medical Clinic		2122
France Avenue Family Physicians		368
Affiliated Community Medical Centers		440
CentraCare Health System		540
HealthPartners Clinics		1422
Family Practice Med. Center of Willmar		526
Park Nicollet Health Services		1461
Burnsville Family Physicians		262
Family HealthServices Minnesota		465
Quello Clinic		145
HealthEast Clinics		483
Parkway Family Physicians		124
Allina Health System		142
Western Wisconsin Medical Associates		397
Fairview Health Services		1180
St. Cloud Medical Group		240
Hutchinson Medical Center		109
HealthPartners Central MN Clinics		583
Northwest Family Physicians		126
St. Mary's/Duluth Clinic Health System	HN	848
Mayo Health System		195
Steven Saliterman, MD		60
Richard Schoewe MD		58
Family Medicine of Winona		60
Richfield Medical Group		60
Fairview Mesaba Clinic		240
Multicare Associates		178
Endocrinology Clinic of Minneapolis		80
Bloomington Lake Clinic		897
Catalyst Medical Clinic		60
Stillwater Medical Group		175
Mankato Clinic		454
University of Minnesota Physicians	i⇔-1	257
Mayo Clinic		360
Hutchinson Area Health Care		57
Wheaton Comm. Medical Center Clinic		48
Lakeview Clinic		240
Winona Health		230
AALFA Family Clinic		218
MeritCare		924
North Memorial		321
Olmsted Medical Center		229
Valley Family Practice		80
Dawson Clinic		60
Gateway Family Health Clinic		157
Murray County Clinic		76
St. Mary's Innovis Health 0%		180

Medical Group Average 25%

 $\Delta$  Endocrinology — Lower Confidence Level/Upper Confidence Level  $n^* =$  sample size

CCM - Chippewa County Montevideo HFA - Hennepin Faculty Associates

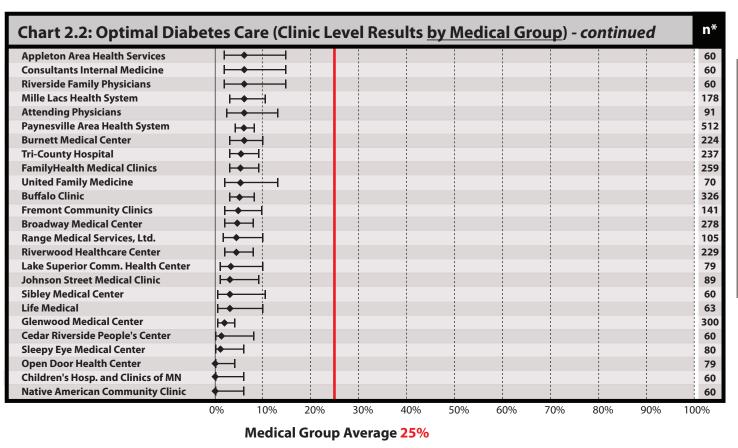
HFA - Hennepin Faculty Associates MNCOME - Minnesota Center for Obesity, Metabolism & Endocrinology

Chart 2.2: Optimal Diabet						
SuperiorHealth Center Innovis Health						1:
						90
						6
St. Luke's Clinics	<b>⊢</b> ♦–1					72
Hartberg Medical Clinic	•					6
New Spirit Women's Clinic						6
Lake View Clinic - Two Harbors						7
Albany Medical Center	•					7
Ridgeview Clinics	<b>⊢</b> ♦–1					9
Parkview Medical Clinic	• • • • • • • • • • • • • • • • • • •					7
Aspen Medical Group	<b>⊢</b> •−1					4
BMC & St. Joseph's Med. Center Clinics	<b>↓ ↓ ↓</b>					43
Silver Lake Clinic	<b>⊢</b> ♦–1					62
Healing Spirit Clinic	I → I	<u>+-1</u>				4
Altru Health System	l <b>⊨</b> ♦−-l					54
Mid Minnesota Family Medicine Center	<b>⊢_</b> +I					2
North Clinic	li∳——I					39
Sawtooth Mountain Clinic	• • • • • • • • • • • • • • • • • • •					7
Graceville Health Center Clinic	<b>├</b>	<u></u>				4
Glencoe Regional Health Services	<b>⊢</b> •−−1					24
Edina Family Physicians	<b>⊢</b>	-				8
United Hospital District Clinic	• • • • • • • • • • • • • • • • • • •	-				8
Boynton Health Service	<b>⊢</b> ∳−−−1					1
Edina Sports Health & Wellness	⊢,					1
Bigfork Valley Hosp., Clinics & Comm.	⊢ ♦					4
Southside Community Health Services	<b>⊢</b> , →					1
CCM Hospital & Medical Clinic						10
Alexandria Clinic	<b>↓</b>					1
Grand Itasca Clinic	·					8
Clearwater Health Services	<b>↓</b>	-				6
HFA - HFA Clinics & HCMC Clinics						45
Northside Medical Clinic	<b>⊢</b>					1
Sanford Clinic	. ⊢∳-I					5
Hendricks Clinic	• • • • • • • • • • • • • • • • • • •					7
Scenic Rivers Health Services						4
Stevens Community Medical Center	<b>I</b>					3
NorthPoint Health & Wellness Center	<b> </b> ♦+					8
Lakeview Medical Clinic						2
Northstar Physicians Network	<b>I ♦</b>					6
Lac Qui Parle Clinic						7
West Side Community Health Services						1
Foley Medical Center						
Southern Metro Medical Clinics						7
Comm. University Health Care Center						3
•						6
Lakewood Health Center Clinic						8
Renville County Hospital and Clinics						2
Avera Medical Group						3
Open Cities Health Center						1
RiverView Health						1
ELEAH Medical Center	× 10%	20% 30%	40% 50%	60% 70%	80% 90%	1

 $\triangle$  Endocrinology — Lower Confidence Level/Upper Confidence Level  $n^*$  = sample size

**CCM** - Chippewa County Montevideo **HFA** - Hennepin Faculty Associates **MNCOME** - Minnesota Center for Obesity, Metabolism & Endocrinology

-iving with Illness



 $\triangle$  Endocrinology — Lower Confidence Level/Upper Confidence Level  $n^* =$  sample size

CCM - Chippewa County Montevideo

HFA - Hennepin Faculty Associates

MNCOME - Minnesota Center for Obesity, Metabolism & Endocrinology

## Performance Highlights - Clinic Level Results Rolled up by Medical Group

### **Highest Performers in 2010**

Clinic level results by medical group showed that an average of 25 percent of patients with diabetes met all five required components included in this measure. **Adult Medicine, PA** set the benchmark of 61 percent of diabetes patients in full compliance with all five diabetes care components. There were 18 of 125 medical groups with rates and confidence intervals fully above the medical group level average. The high performing medical groups are listed below in order of performance from high to low.

- Adult Medicine, PA
- Southdale Internal Medicine, P.A.
- Apple Valley Medical Clinic
- Allina Medical Clinic
- France Avenue Family Physicians
- Affiliated Community Medical Centers
- CentraCare Health System
- HealthPartners Clinics
- Family Practice Medical Center of Willmar
- Park Nicollet Health Services
- Burnsville Family Physicians
- Family HealthServices Minnesota
- Quello Clinic
- HealthEast Clinics
- Allina Health System
- Western Wisconsin Medical Associates
- Fairview Health Services
- Hutchinson Medical Center

### **Biggest Improvement from 2009-2010**

The greatest improvement since report year 2009 in Optimal Diabetes Care (clinic level results by medical group) was made by **Family Medicine of Winona** with a 16 percentage point increase.

## Performance Highlights - Clinic Level Results Rolled up by Medical Group

### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of <u>medical group</u> performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

Under direction of the MARC, MNCM changed the A1C level from <7.0 to <8.0 this year to coincide with guidelines. MNCM was able to recast the data from Report Year 2009 and 2008 to reflect this change and allow for trending to be shown below for report years 2008, 2009, and 2010. The four additional components for Optimal Diabetes Care (Blood Pressure, LDL-C, Daily Aspirin use, and Documented Tobacco-Free Status) were kept the same as no changes were made to the measure for these components.

### The following eleven <u>medical groups</u> achieved <u>consistently high performance and above average rates over</u> <u>the past three years</u> for Optimal Diabetes Care:

- Allina Medical Clinic
- Apple Valley Medical Clinic
- Burnsville Family Physicians
- Fairview Health Services
- Family HealthServices Minnesota
- Family Practice Medical Center of Willmar

- France Avenue Family Physicians
- HealthEast Clinics
- HealthPartners Clinics
- Southdale Internal Medicine, P.A.
- Western Wisconsin Medical Associates

### Nine medical groups showed <u>consistent improvement over three years:</u>

- Affiliated Community Medical Centers
- Allina Medical Clinic
- Edina Sports Health & Wellness
- France Avenue Family Physicians
- HealthPartners Clinics
- Northwest Family Physicians
- Park Nicollet Health Services
- Quello Clinic
- Southdale Internal Medicine, P.A

### Three medical groups showed consistent decreases over three years:

- AALFA Family Clinic
- Fremont Community Clinics
- United Family Medicine

### Five medical groups had rates that were <u>relatively stable over three years:</u>

- Innovis Health
- MeritCare
- North Memorial
- Silver Lake Clinic
- Steven Saliterman, MD

### Thirty-one medical groups did not have a discernable pattern over three years.

## Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

## **Optimal Vascular Care**

### **Optimal Vascular Care (Clinic Level Results)**

This measures the percentage of patients ages 18-75 who have vascular disease and have reached all of the following four treatment goals to reduce the risk of cardiovascular disease:

- Blood pressure less than 130/80 mmHg
- LDL-C less than 100 mg/dl
- Documented tobacco-free status
- Daily aspirin use

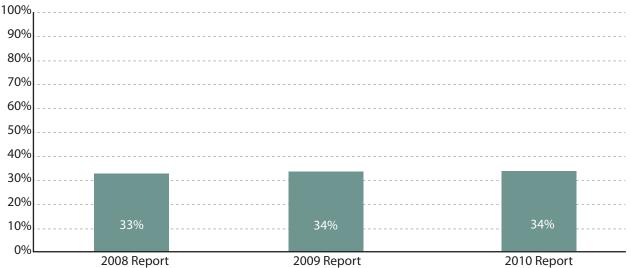
The statewide rate for Optimal Vascular Care at the clinic level is 33.8 percent. Table 3 displays the details of this statewide rate at the clinic level. Figure 3 displays the statewide rates over time. Since the 2008 report, this rate has remained steady. Chart 3.1 provides the rates for clinic level data with the rates sorted from highest to lowest, along with the clinic average (designated by bold black line). Chart 3.2 provides the rates for clinic level data rolled up by medical group and are sorted by medical group from highest to lowest along with the clinic average (designated by the bold line). If a medical group only has one clinic, the clinic level result is the same as the rolled up medical group result.

This composite rate is calculated using an all-or-none method. Credit is given for achieving this measure when all four components are met. The data collected for this measure are reported directly to MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

### Table 3: Statewide Clinic Level Rate for Optimal Vascular Care

	Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Vascular Care	33.8%	19.5% - 38.1%	21,589	63,241	95,791





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.

Living with Illness

Chart 3.1: Op											_
WWMA - Ellsworth Medical Clinic						. F		•			6
Fairview Rosemount Clinic							•		-		3
HealthEast - Midway						H		-			20
Park Nicollet Clinic - Shorewood						H	•				6
Quello Clinic - Chanhassen							•				3
Fairview Eagan Clinic								4 <u>.</u> ;			15
FHSM - White Bear Office								-			10
ISJ - Mankato Northridge											6
Fairview Crosstown Clinic											17
Fairview Oxboro Clinic						. –	•				39
France Avenue Family Physicians							•	-			7
Richfield Medical Group	_							-			6
HP - Arden Hills											15
Aspen Medical Group - Highland								_			4
Fairview Hugo Clinic						•		_			3
Allina Medical Clinic - Maple Grove					j F	•					6
N. Memorial Heart & Vascular Institute					Ē	•					6
HealthEast - Vadnais Heights						•		1			5
Allina Medical Clinic - Eagan						•					13
ACMC - Litchfield Clinic (East)						•		-			3
AMC - The Doctors Uptown						•	<u> </u>				8
CentraCare - Internal Medicine Plaza											5
AMC - Hastings (W First St)											22
FHSM - Gorman Clinic											17
Allina Medical Clinic - Farmington					-						7
Park Nicollet Clinic - Golden Valley							-				26
HP - Inver Grove Heights					H						11
Allina Medical Clinic - Buffalo						•	- <sub>1</sub>				23
FHSM - Shoreview						•					8
HealthEast - Downtown St. Paul						•	1 ;				30
FHSM - Larpenteur Clinic					. I		-				11
Northwest Family Physicians - Rogers							<u> </u>				5
Allina Medical Clinic - Isles											7
AMC - Hastings (Nininger)						•	- <u>;</u>				22
FHSM - Highland Family Physicians						•					10
Lake City						+					6
Mayo Clinic - Baldwin Bldg, Fam. Med.						•					6
Southdale Internal Medicine, P.A.						•	<u> </u>				6
Allina Medical Clinic - Blaine											5
Allina Medical Clinic - Coon Rapids											10
HealthPartners - Como											32
AMC - West Health Campus											20
Allina Medical Clinic - Woodbury					E F						29
FHSM - Afton Road						•	1				17
Allina Medical Clinic - Shoreview					F						26
Allina Medical Clinic - Ramsey					H						26
Allina Medical Clinic - Woodlake					F						36
Mayo Clinic - Northeast						•	-				6
Park Nicollet Clinic - Wayzata					H						24
Allina Medical Clinic - Elk River					-	•					11
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
CCM - Chippewa County Montevideo	NC - North Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
FCHS - Fremont Community HealthServices	NMC - North Memorial Clinic	SMDC - St. Mary's Duluth Clinic	

Chart 3.1: Op	timal	Vascu	ular Ca	are (C	linic Le	evel Re	esults	) - cont	tinued		n*
AMC - Crossroads Chaska					<u> </u>	• 1					14
Allina Medical Clinic - Northfield						<b>→</b>					33
St. Mary's/Duluth Clinic - Hayward						<b>→</b>					26
HP - Apple Valley					- H	•	1				10
HP - Riverside											44
Park Nicollet Clinic - Carlson						<ul> <li>↓</li> </ul>					29
CentraCare - Fam. Med Health Plaza						•					32
HP - Coon Rapids					- i	+ − −					21
Fairview EdenCenter Clinic					- H	← − 1					13
Immanuel St. Joseph - Waseca						•					60
Luther Midelfort - Eau Claire						•					60
Apple Valley Medical Clinic						→ 1					14
Park Nicollet Clinic - Eagan											16
HP - Woodbury					- i	<ul> <li>↓</li> </ul>					27
Park Nicollet Clinic - Shakopee						↓ ↓					21
HP - Maplewood						→ ↓ ↓					17
PNC - St. Louis Park Family Medicine					- H	<ul> <li>↓</li> </ul>					34
NP - Northland Family Physicians				- i							37
NC - WestHealth Office in Plymouth							-1				61
HP - RiverWay Andover											20
PNC - St. Louis Park Internal Medicine											57
AMC - United Medical Specialties						⊢÷ I					22
Fairview RidgeValley Clinic											14
Quello Clinic - Lakeville						<u> </u>					14
Allina Medical Clinic - Cokato				i i			<u> </u>				31
ACMC - Granite Falls Clinic						<u> </u>					11
Aspen Medical Group - Maplewood				н			-				60
CentraCare - Int. Med. River Campus				Η			-i i				60
Mayo Clinic - Mayo Building				н			-				60
St. Paul Heart Clinic - Downtown				н			-				60
SPHC - Lakeview Heart Center				Η			-				60
WWMA - New Richmond Clinic				н			-i (				60
ACMC - Marshall Clinic (Market Street)						<u> </u>					18
Quello Clinic - Edina					<b>⊢</b> →	<u> </u>					10
Allina Medical Clinic - Nicollet Mall					·						18
Allina Medical Clinic - Forest Lake						i`					35
ACMC - Willmar Clinic						_ii					34
Allina Medical Clinic - Cottage Grove					<b>i</b>						22
Fairview Ridges Clinic									_		31
FHSM - North St. Paul Clinic					⊢ →						19
HP - North Suburban Roseville					+						11
Fairview Highland Park Clinic					+	<u> </u>					10
SuperiorHealth Center - Lakewalk				H	•						60
HP - RiverWay Anoka						i .					20
Park Nicollet Clinic - Prairie Center											10
AMC - Crossroads Shakopee Dean Lake	25						1				5
Mankato Clinic - North Mankato											6
Allina Medical Clinic - Edina											19
Park Nicollet Clinic - Maple Grove											11
Fairview Maple Grove Medical Center											6
i an new maple store medical center	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
CCM - Chippewa County Montevideo	NC - North Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
FCHS - Fremont Community HealthServices	NMC - North Memorial Clinic	<b>SMDC</b> - St. Mary's Duluth Clinic	

Chart 5.1: Optimal Vas	cular Care (Clinic Level Results) -	continued n
HP - North Suburban Lino Lakes		8
Allina Medical Clinic - Champlin	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	13
Fairview Hiawatha Clinic	<b> → </b>	13
Park Nicollet Clinic - Chanhassen		21
FHSM - Inver Grove Heights		22
HealthEast - Maplewood		10
SCMG - Cold Spring Medical Clinic		4
AMC - Cambridge Medical Center		61
Allina Medical Clinic - West St. Paul		28
HP - Brooklyn Center		25
HP - Health Specialty Center		33
St. Luke's Clinics - Internal Med. Assoc.		6
ACMC - Benson Clinic		9
ACMC - Redwood Falls Clinic	l l <mark> → → − − l</mark>	13
HP - West	<b>⊢</b>	14
St. Mary's/Duluth Clinic - Ashland		32
Allina Medical Clinic - Shakopee	k <mark>l → → →</mark>	16
HP - Bloomington		16
Park Nicollet Clinic - Creekside		6
WWMA - River Falls Medical Clinic		12
Park Nicollet Clinic - Plymouth		= 16
Allina Medical Clinic - Prescott		3
HP - Specialty Center		10
AHS - New Ulm Medical Center		41
HP - RiverWay Elk River		7
HP - White Bear Lake		12
NMC - Camden Physicians Maple Grove		10
FHSM - Woodbury Office		6
Immanuel St. Joseph - Springfield		6
Innovis Health - Lisbon		6
Mayo Clinic - Kasson		6
UMP MN Heart Burnsville Clinic		6
FHSM - Woodlane Family Practice		5
Allina Medical Clinic - Annandale		4
Mankato Clinic - Daniel's Health Center		4
Park Nicollet Clinic - Burnsville		29
HealthEast - Cottage Grove		20
FHSM - Vadnais Heights Office		10
HP Central Minnesota Clinics - St. Cloud		24
Allina Medical Clinic - Faribault		34
FHSM - Banning Avenue		13
Fairview Lakeville Clinic		3
SMDC Med Cntr - DC Lakeside		10
Fairview Northeast Clinic		14
Allina Medical Clinic - Mora		21
ACMC - Marshall (Bruce Street)		3
HP - Health Center for Women		
SCMG - Clearwater Medical Clinic		4
Winona Health - Winona Health Clinics		0
Park Nicollet Clinic - Bloomington		20
rark mediet chille - bioonnington		20

### Clinic Average 34%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>CCM</b> - Chippewa County Montevideo	<b>NC</b> - North Clinic	<b>STL</b> - St. Luke's	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>FCHS</b> - Fremont Community HealthServices	<b>NMC</b> - North Memorial Clinic	<b>SMDC</b> - St. Mary's Duluth Clinic	

Fairview North Branch Clinic		
Northwest Family Physicans - Plymouth		
St. Mary's/Duluth Clinic - Hibbing		
Aspen Medical Group - Bandana Square		
Catalyst Medical Clinic		
Immanuel St. Joseph - St. Peter		
St. Paul Heart Clinic - Maplewood		
Wabasha Clinic		
Fairview CedarRidge Clinic		
NMC - Camden Physicians Plymouth		
Parkway Family Physicians		
Hutchinson Medical Center		
MeritCare - New York Mills		
Fairview Chisago Lakes Clinic Park Nicollet Clinic - Brookdale		
Family Practice Med. Center of Willmar		
SMHS/DC-Superior		
Altru Health System - Lake Region		
Cannon Valley Clinic	• • • • • • • • • • • • • • • • • • •	
CentraCare - Central MN Heart Center		
ISJ - Mankato Specialty Clinic		
Mankato Clinic - Wickersham Campus		
WWMA - Hudson Physicians		
SMDC Med Cntr - DC First Street Bldg		
Allina Medical Clinic - North Branch	• • • • • • • • • • • • • • • • • • • •	
St. Mary's/Duluth Clinic - Spooner		
Burnsville Family Physicians		
Northwest Family Physicians - Crystal		
HealthEast - Woodbury		
AHS - ANGMA - Edina		
Fairview Zimmerman Clinic		
MeritCare - S. Moorhead Int. Medicine		
HealthEast - Roselawn		
St. Mary's/Duluth Clinic - Aurora		· · · · · · · · · · · · · · · · · · ·
Quello Clinic - Burnsville		
HP - St. Paul	<b>⊢ ⊢</b>	
CentraCare - Heartland		
Franciscan Skemp - Holmen	► <mark>♦ </mark>	
Mayo Clinic - Baldwin Bldg, Int. Med.		
St. Cloud Medical Group - South		
UMP MN Heart Wyoming Clinic		
UMP - Primary Care Center		
Franciscan Skemp - LaCrescent		
SMDC Med Center - DC Hermantown		
WWMA - Spring Valley Medical Clinic		
Immanuel St. Joseph - St. James		
Fairview Bass Lake Clinic		
Franciscan Skemp - Caledonia		
Mayo Clinic - Northwest		
Lakeview Clinic - Norwood		

Clinic Average 34%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>BC</b> - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>CCM</b> - Chippewa County Montevideo	<b>NC</b> - North Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
FCHS - Fremont Community HealthServices	NMC - North Memorial Clinic	SMDC - St. Mary's Duluth Clinic	WWIR Western Wisconsin Medical Associates

Living with Illness

Park Nicollet Clinic - Prior Lake	6
UMP - Phalen Clinic	6
Fairview Lino Lakes Clinic	74
Bloomington Lake Clinic - Xerxes	16
Bloomington Lake Clinic - Minneapolis	93
Fairview Red Wing Zumbrota Clinic	66
Fairmont Medical Center	60
Lakeview Clinic - Waconia	60
Owatonna Clinic	60
St. Cloud Medical Group - Northwest	60
UMP MN Heart Edina Clinic	60
UMP MN Heart Princeton Clinic	60
UMP MN Heart University Clinic	60
Lakeview Clinic - Watertown	54
Steven Saliterman, MD	48
Mankato Clinic - Mapleton	30
Immanuel St. Joseph - Madelia	33
MeritCare - Bemidji Internal Medicine	45
St. Mary's/Duluth Clinic - Virginia	28
MeritCare - Mayville	98
Red Cedar Medical Center	- 99
NMC - Brooklyn Center Physicians	90
Fairview Red Wing Medical Center	47
Fairview Elk River Clinic	12
Sawtooth Mountain Clinic, Inc	72
	16
Rainy Lake Medical Center	11
MeritCare - North Fargo	4
Fairview Uptown Clinic Austin Medical Center	- 60
	60
Fairview Milaca Clinic	60
Franciscan Skemp - Onalaska	60
Franciscan Skemp - Prairie du Chien	60
Lakeview Clinic - Chaska	60
Luther Midelfort - Chippewa Valley	15
Innovis Health - South University	11
Fairview Rush City Clinic	i i i
United Hospital District Clinic	76
FamilyHealth Medical Clinic - Northfield	38
Northstar Physicians - Iron Range Clinic	38
FHSM - Maryland Clinic	10
HP - Midway	96
NMC - Plymouth Internal Medicine	34
SMDC Medical Center - DC West	22
Fairview Princeton Clinic	23
Altru Health System - Fam. Med. Center	62
ISJ - Mankato Eastridge	62
MeritCare - Southpointe Int. Medicine	51
MeritCare - West Fargo	26
St. Mary's/Duluth Clinic - Deer River	13
NMC - Minnetonka Physicians	15

### Clinic Average 34%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>CCM</b> - Chippewa County Montevideo	NC - North Clinic	<b>STL</b> - St. Luke's	WWMA - Western Wisconsin Medical Associates
<b>FCHS</b> - Fremont Community HealthServices	NMC - North Memorial Clinic	<b>SMDC</b> - St. Mary's Duluth Clinic	

ALLS Mature aliter Heart O.V last		
AHS - Metropolitan Heart & Vasc. Inst.		3
Park Nicollet Clinic - Minneapolis		
ACMC - New London Clinic		
Albert Lea Medical Center		
Altru Health System - Main		
HP - Center for International Health		
OMC - Stewartville Clinic		
Mankato Clinic - Main Street		2
Fairview Lakes Medical Center		4
Innovis Health - Jamestown		
NMC - Brooklyn Park Physicians		1
SMG - Somerset Clinic		
MeritCare - Black Duck		
Olmsted Medical Center - Rochester SE		2
Murray County Clinic		
MeritCare - Southpointe Family Med.		4
nnovis Health - Wahpeton		
MeritCare - Bemidji North		
Grand Itasca Clinic		
MeritCare - Perham		2
Ridgeview Westonka Clinic		1
Franciscan Skemp - LaCrosse		
Franciscan Skemp - Lake Tomah		
Luther Midelfort - Northland		
Fairview Andover Clinic		
Franciscan Skemp - Arcadia		
St. Mary's/Duluth Clinic - Ely	l l l	1
5MG - Curve Crest Clinic		5
nnovis Health - West Acres		
HealthEast - Oakdale		1
Family Medicine of Winona		
Multicare Assoc Blaine Medical Center		2
MeritCare - Broadway Internal Medicine		4
OMC - Spring Valley Clinic		
Mankato Clinic - Lake Crystal		
Ridgeview Delano Clinic		
nnovis Health - Park Rapids		1
St.Luke's Clinics-Duluth Int. Med. Assoc.		
St. Luke's Clinics - P.S. Rudie Med. Clinic		
MeritCare - East Grand Forks		1
Northside Medical Clinic	l l	
Multicare Assoc Roseville Med. Center		
Fairview Brooklyn Park Clinic		
nnovis Health - West Fargo		
Silver Lake Clinic - St. Anthony		
NMC - Golden Valley Physicians		2
HealthEast - Rice Street		1
SMIHC - Detroit lakes		
		3
AHS - Minneapolis Heart Institute Fairview Mesaba Clinic - Hibbing		3,
Pairview Mesada Clinic - Hibbing	10% 20% 30% 40% 50% 60%	70% 80% 90% 100%

ACMC - Affiliated Community Medical Centers AHS - Allina Health System AMC - Allina Medical Clinic ANGMA - Abbot Northwestern General Medicine Associates BC - Buffalo Clinic CCM - Chinpewa County Montevideo	FHSM - Family Health Services Minnesota HP - HealthPartners HFA - Hennepin Faculty Associates ISJ - Immanuel St.Joseph LSCHC - Lake Superior Community Health Center NC - North Clinic	NP - Northstar Physicians OMC - Olmsted Medical Center PNC - Park Nicollet Clinic SC - Sanford Clinic SCMG - St.Cloud Medical Group SJMC - St.Joseph's Medical Center STL - St. Juke's	SMG - Stillwater Medical Group SMIHC - St. Mary's Innovis Health Clinic SMMC - South Metro Medical Clinic SPHC - St. Paul Heart Clinic UMP - University of Minnesota Physicians WSCHS- West Side Community Health Services WWMA - Western Wisconsin Medical Associates
CCM - Chippewa County Montevideo	NC - North Clinic	<b>STL</b> - St. Luke's	<b>WWMA</b> - Western Wisconsin Medical Associates
FCHS - Fremont Community HealthServices	NMC - North Memorial Clinic	SMDC - St. Mary's Duluth Clinic	

-	al Vascular Care (Clinic Level Resul	1 1 1
Fairview Blaine Clinic		8
NMC - Elk River Physicians		6
Aspen Med. Group -Inver Grove Heights		6
- MeritCare - Preventive Cardiology		6
SJMC - Pequot Lakes Clinic		3
Park Nicollet Clinic - Heart & Vascular		27
MeritCare - Wahpeton		24
Hendricks Clinic P.A.		6
North Clinic - Maple Grove Office		6
NMC - Camden Physicians - Mpls		11
Multicare Assoc Fridley Med.Center		41
Altru Health System - Cavalier		3
Ridgeview Chanhassen Clinic		6
MeritCare - Valley City		20
SuperiorHealth Center - Proctor		5
MeritCare - S. Moorhead Family Med.		19
Fairview Jonathan Clinic		5
ACMC - Litchfield Clinic (West)		8
Aspen Medical Group - White Bear Lake		3
Avera Worthington Specialty Clinic		7
Luther Midelfort - Oakridge	I I I I I I I I I I I I I I I I I I I	6
Fairview Columbia Heights Clinic		15
Aspen Medical Group - Bloomington		5
NP - Family Medical Center		6
Buffalo Clinic - Buffalo		13
Alexandria Clinic		12
Northstar Physicians - Raiter Clinic		4
Brainerd Medical Clinic		12
Gateway Fam. Health Clinic - Sandstone		6
MeritCare - Pelican Rapids		4
Innovis Health - Menahga		3
Innovis Health - Valley City		3
Hartberg Medical Clinic		3
MeritCare - Jamestown		30
Buffalo Clinic - Monticello		6
Gateway Fam. Health Clinic - Moose Lk.		6
SLC-Cardiology AssocLakeview Bldg.		6
Silver Lake Clinic - Shoreview		5
United Family Medicine		7
MeritCare - Bemidji Family Medicine		25
Burnett Medical Center		6
MeritCare - Detroit Lakes		34
Lakeview Medical Clinic		4
MeritCare - Thief River Falls NW Clinic		30
LSCHC - Duluth		3
Fairview Fridley Clinic		14
MeritCare - Mahnomen		3
St. Mary's/Duluth Clinic - DC Main		38
NC - Oakdale Office in Robbinsdale		12
Edina Family Physicians		8

Clinic Average 34%

+ Cardiology |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>CCM</b> - Chippewa County Montevideo	NC - North Clinic	STL - St. Luke's	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>FCHS</b> - Fremont Community HealthServices	NMC - North Memorial Clinic	SMDC - St. Mary's Duluth Clinic	

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Chart 3.1: Opti	mal Vasc	ular Ca	re (Cl	inic Le	evel Re	esults	) - cont	inued	1	n*
Riverwood McGregor Clinic	l – –	+	<u> </u>							50
SJMC - Pillager Clinic	<del> </del>		H							35
SC Tracy/Balaton/Walnut Grove		•	-							66
NP - Central Lks. Med. Clinic - Int. Med.		•								41
NMC - Northeast Family Physicians	⊢	•								72
Altru Health System - Roseau		•								62
Lake View Clinic - Two Harbors	ļ	•	<b>—</b>							37
Dawson Clinic	ŀ ·	•								43
Albany Medical Center	<del> </del>	•								54
SJMC - Pine River Clinic		•								49
WSCHS - La Clinica		•	<u> </u>							49
Glencoe Regional Health Services	⊢ ⊢									120
Innovis Health - Fosston	<u> </u>	•								55
MeritCare - Cass Lake	l l <del>i</del>	•								39
Glenwood Medical Center	⊢ –									118
Edina Sports Health & Wellness	l l l	•								45
Henning Medical Clinic	H	•	<u> </u>							34
UMP - Broadway Family Medicine	⊢ ⊢	<b>→ − − −</b>								213
HFA - HFA Internal Medicine Clinic	⊢ ⊢	<b>→</b>								165
North Clinic - Osseo Office	⊢ –	+ − −								142
Attending Physicians	<u> </u>	•	-							66
Altru Health System - Crookston	ŀ ŀ	•	-							60
<b>Consultants Internal Medicine</b>	ļ <del>i</del> —	•								60
St. Luke's Clinics - Chequamegon Clinic	H	•	-							60
UMP - Bethesda Clinic	<u> </u>	•	-							60
Tyler Medical Clinic	H	•								48
NP - Central Lakes Medical Clinic	I	•	- I I							61
Riverwood Aitkin Clinic	l <del>i</del>	+ - − 1								80
+ HFA - HCMC Hennepin Heart Center										113
<b>Stevens Community Medical Center</b>										107
St. Mary's innovis Health Clinic - Frazee			-							51
MeritCare - Hillsboro	l H									91
Paynesville Medical Clinic	l l									105
Scenic Rivers Health Services - Bigfork										46
Paynesville Eden Valley Medical Clinic										33
Sanford Clinic - Luverne	I I IIII									60
St. Luke's Clinics - Mariner Med. Clinic	<b>⊢</b> →									35
MeritCare - Hawley	⊢++	— <u> </u>								50
CCM Hospital & Medical Clinic	<b>⊢</b> →									65
ELEAH Med. Center -Morris Prairie Med.	<b>⊢</b> +									58
SLC - Hibbing Family Medical Clinic										66
<b>Olmsted Medical Center - Byron Clinic</b>	<b>⊢</b> +									30
Sanford Clinic Canby	│									30
HFA - HCMC Whittier Clinic	<b>⊢</b> +	— <u> </u>								54
Sanford Clinic - Worthington	<b>⊢</b>									62
LakeWood Health Center Clinic	<b>⊢</b>									80
Sleepy Eye Medical Center	<b>⊢</b>									56
Avera - Pipestone County Med. Center	<b>⊢</b>									48
Franciscan Skemp - Sparta	► <b>→</b>									48
Aspen Medical Group - East Lake Street	<b>⊢</b>									40
	0% 10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

ACMC - Affiliated Community Medical Centers	FHSM - Family Health Services Minnesota	NP - Northstar Physicians	SMG - Stillwater Medical Group
AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
AMC - Allina Medical Clinic	HFA - Hennepin Faculty Associates	PNC - Park Nicollet Clinic	SMMC - South Metro Medical Clinic
ANGMA - Abbot Northwestern General	ISJ - Immanuel St.Joseph	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
Medicine Associates	LSCHC - Lake Superior Community	SCMG - St.Cloud Medical Group	UMP - University of Minnesota Physicians
BC - Buffalo Clinic	Health Center	SJMC - St.Joseph's Medical Center	WSCHS- West Side Community Health Services
<b>CCM</b> - Chippewa County Montevideo	<b>NC</b> - North Clinic	<b>STL</b> - St. Luke's	WWMA - Western Wisconsin Medical Associates
<b>FCHS</b> - Fremont Community HealthServices	<b>NMC</b> - North Memorial Clinic	<b>SMDC</b> - St. Mary's Duluth Clinic	

**CCM** - Chippewa County Montevideo

FCHS - Fremont Community HealthServices

NC - North Clinic

NMC - North Memorial Clinic

Living with Illness

0.00/ 1.00(
90% 100%

STL - St. Luke's

SMDC - St. Mary's Duluth Clinic

WWMA - Western Wisconsin Medical Associates

Prairie Center

Shakopee

Medicine

**Quello Clinic** 

Chanhassen

Wayzata

Edina

System

Ashland

• Hayward St. Paul Heart

Associates

Lakeville

Shorewood

• St. Louis Park Family Medicine

St. Louis Park Internal

**Richfield Medical Group** 

Southdale Internal Medicine, P.A.

St. Mary's/Duluth Clinic Health

Western Wisconsin Medical

• Ellsworth Medical Clinic

## Performance Highlights - <u>Clinic Level</u> Results

### **Highest Performers in 2010**

Clinic level results showed that an average of 34 percent of patients with vascular disease met all four required components included in this measure. **Western Wisconsin Medical Associates - Ellsworth Medical Clinic** set the benchmark of 68 percent of vascular disease patients in full compliance with all four vascular care components. There were 100 of 433 clinics with rates and confidence intervals fully above the clinic level average. The high performing clinics are listed below in alphabetical order under the heading of their medical group name:

#### Affiliated Community Medical Centers

- Litchfield Clinic (East)
- Granite Falls Clinic
- Marshall Clinic (Market Street)
- Willmar Clinic
- Allina Health System
- New Ulm Medical Center
- Allina Medical Clinic
- Blaine
- Buffalo
   Cambridge Medical Center
- Cambridge M
   Champlin
- Coon Rapids
- Cottage Grove
- Crossroads Chaska
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W. First St)
- Isles
- Maple Grove
- Nicollet Mall
- Northfield
- Ramsey
- Shoreview
- The Doctor's Uptown
- United Medical Specialities

**Biggest Improvement from 2009-2010** 

Aspen Medical Group-Bandana Square

North Clinic-WestHealth Office in Plymouth

Aspen Medical Group-Highland
Mayo Health System-Lake City
MeritCare-New York Mills

greater than a 22 percentage point increase, were made by:

- West Health Campus
- West St. Paul
- Woodbury

48

## Woodlake Apple Valley Medical Clinic

### Aspen Medical Group Highland

### Fairview Health Services

- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- Hiawatha Clinic
- Highland Park Clinic
- Hugo Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic
- Rosemount Clinic

#### Family HealthServices Minnesota

- Afton Road
- Gorman Clinic
- Highland Family Physicians
- Inver Grove Heights
- Larpenteur Office
- North St. Paul Office
- Shoreview
- White Bear Office

#### France Avenue Family Physicians HealthEast

- Downtown St. Paul
- Midway
- Vadnais Heights

#### HealthPartners Clinics

- Apple Valley
- Arden Hills
- Brooklyn Center
- Como
- Coon Rapids

- Health Specialty Center
- Inver Grove Heights
- Maplewood
- North Suburban Roseville
- Riverside
- RiverWay Andover
- RiverWay Anoka
- Specialty Center
- Woodbury
- Mayo Clinic
- Baldwin Building, Family Medicine
- Northeast
- Mayo Health System
- Immanuel St. Joseph's –
- Mankato Northridge • Immanuel St. Joseph's –
- Waseca
- Lake City
   Luther Midelfort—Eau Claire
- North Clinic
- WestHealth Office in

#### Plymouth North Memorial

- North Memorial Heart &
- Vascular Institute
- **Northwest Family Physicians**

#### • Rogers

- Park Nicollet Health Services

  Burnsville
- Carlson
- Chanhassen
- Eagan
- Golden Valley
- Maple Grove

The greatest improvements since report year 2009 in Optimal Vascular Care (clinic level results), with each achieving

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## Performance Highlights - <u>Clinic Level</u> Results

### **<u>Clinic Level</u>** Performance Over Time (2008-2010)

We reviewed the data to identify patterns of <u>clinic</u> performance in those clinics that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and losted in alphabetical order.

# The following twenty-nine <u>clinics</u> achieved <u>consistently high performance and above average rates over the</u> <u>past three years</u> for Optimal Vascular Care:

#### **Allina Medical Clinic**

- Coon Rapids
- Forest Lake
- Nicollet Mall
- Shoreview

#### **Fairview Health Services**

- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- Hugo Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic

### **Family HealthServices Minnesota**

- Afton Road
- Gorman Clinic
- Inver Grove Heights
- White Bear Office

### France Avenue Family Physicians HealthEast

Midway

#### **HealthPartners Clinics**

- Apple Valley
- Arden Hills
- Como
- Coon Rapids
- Inver Grove Heights
- Maplewood
- Woodbury

#### **Park Nicollet Health Services**

- Burnsville
- Carlson
- Eagan
- Prairie Center
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine

### Sixty-one clinics showed consistent improvement over three years:

#### Affiliated Community Medical Centers

Marshall Clinic (Market Street)
 Willmar Clinic

#### Allina Medical Clinic

- Cambridge Medical Center
- Coon Rapids
- Cottage Grove
- Eagan
- Edina
- Farmington
- Hastings (W. First St)
- Maple Grove
- Mora
- Ramsey
- The Doctor's Uptown
- Woodbury
- Woodlake

Apple Valley Medical Clinic Burnsville Family Physicians

#### CentraCare Health System

- Heartland
- Family Medicine- Health Plaza
- Internal Medicine River Campus

#### Fairview Health Services • Red Wing Zumbrota Clinic

- Red Wing Zumbro
   Hiawatha Clinic
- Zimmerman Clinic
- Hiawatha Clinic
- Family HealthServices Minnesota
- Highland Family Physicians
- Larpenteur Office
- Shoreview

#### France Avenue Family Physicians HealthEast

- Downtown St. Paul
- Midway
- Roselawn
- Vadnais Heights
- HealthPartners Clinics

- Andover (Riverway Clinics)
- Coon Rapids
- Elk River (Riverway Clinics)
- Health Specialty Center
   Riverside

### Innovis Health

- Jamestown
- Lakeview Clinic
- Norwood
- Watertown
- MeritCare
- Mayville
- Multicare Associates
- Fridley Medical Center
   North Memorial
- Minneterla D

Plymouth

Rogers

- Minnetonka Physicians Northwest Family Physicians
- Crystal
- University of Minnesota Physicians
  - Broadway Family Medicine

**Park Nicollet Health Services** 

**Richfield Medical Group** 

St. Mary's/Duluth Clinic Health

Plymouth

Quello Clinic

Silver Lake Clinic

St. Anthony

System

Ashland

Hayward

Spooner

Superior

Virginia

DC Lakeside

Aurora

Wayzata

Lakeville

## Performance Highlights - <u>Clinic Level</u> Results

### **<u>Clinic Level</u>** Performance Over Time (2008-2010)

### Nine clinics showed consistent decreases over three years:

Aspen Medical Group • East Lake Street Community University Health Care Center Fairview Health Services • Milaca Clinic • Red Wing Medical Center • RidgeValley Clinic Family HealthServices Minnesota

Vadnais Heights Office
White Bear Office
HealthEast
Oakdale
HealthPartners Clinics
Bloomington
North Memorial
Brooklyn Park Physicians

### Thirteen clinics had rates that were relatively stable over three years:

Aspen Medical Group • Inver Grove Heights Family Practice Medical Center of Willmar HealthPartners Clinics • Inver Grove Heights Innovis Health • Fosston • West Acres MeritCare • Bemidji Internal Medicine Detroit Lakes
North Fargo
Southpointe Internal Medicine
Park Nicollet Health Services
Burnsville
Stillwater Medical Group
Curve Crest Clinic
Western Wisconsin Medical Associates
River Falls Medical Clinic

### One hundred fifty-six clinics did not have a discernable pattern over three years.

Living with Illness

Chart 3.2: Optimal Vas	scular Care (Clinic Level Results <u>by Medical Group</u> )	n*
France Avenue Family Physicians		70
Richfield Medical Group		60
Southdale Internal Medicine, P.A.		60
Allina Medical Clinic		737
Apple Valley Medical Clinic		146
Family HealthServices Minnesota		162
Quello Clinic		375
Mayo Clinic		350
HealthPartners Clinics		490
St. Paul Heart		180
Park Nicollet Health Services		411
HealthEast Clinics		147
CentraCare Health System		335
Affiliated Community Medical Centers		111
Western Wisconsin Medical Associates		352
Northwest Family Physicians HP Central Minnesota Clinics		332
AP Central Minnesota Clinics Catalyst Medical Clinic		250
Catalyst Medical Clinic Winona Health		60 152
Parkway Family Physicians		37
Hutchinson Medical Center		361
Family Practice Med. Center of Willmar		167
Mayo Health System		172
Fairview Health Services		465
Burnsville Family Physicians		91
St. Cloud Medical Group		245
Aspen Medical Group		367
St. Mary's/Duluth Clinic Health System		357
North Memorial		164
SuperiorHealth Center		125
Mankato Clinic		463
Bloomington Lake Clinic		253
Steven Saliterman, MD		48
Lakeview Clinic		230
University of Minnesota Physicians		795
Sawtooth Mountain Clinic		72
United Hospital District Clinic		76
Innovis Health		712
Murray County Clinic		31
Altru Health System		443
Grand Itasca Clinic		77
Allina Health System		793
Stillwater Medical Group		567
Olmsted Medical Center		520
Family Medicine of Winona		36
St. Luke's Clinics		484
MeritCare		557
Northside Medical Clinic		92
Multicare Associates		737
Ridgeview Clinics		312
Hendricks Clinic		65
North Clinic		393
Silver Lake Clinic		98
0%	10% 20% 30% 40% 50% 60% 70% 80% 90%	100%

+ Cardiology |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

**HFA -** Hennepin Faculty Associates **HP**- Health Partners

Sleepy Eye Medical Center   Paynesville Area Health System   Tri - County Hospital   Graceville Health Center Clinic   CCM Hospital & Medical Clinic   Sibley Medical Center   Mid Minnesota Family Medicine Center   ELEAH Medical Center   NorthPoint Health & Wellness Center   Broadway Medical Center	84       54       13       13       13       14       15       16       17       18       19       19       10       10       10       10       113       134       135       134       135       134       135       134       135       135       136       137       136       137       137       138       139       139       139       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       132       133       134       135       135       136       137       138       139       131       <
Sleepy Eye Medical Center   Paynesville Area Health System   Tri - County Hospital   Graceville Health Center Clinic   CCM Hospital & Medical Clinic   Sibley Medical Center   Mid Minnesota Family Medicine Center   ELEAH Medical Center	50 27 13 34 77 60 51 99
Sleepy Eye Medical Center     Image: Center for the system       Paynesville Area Health System     Image: Center for the system       Tri - County Hospital     Image: Center for the system       Graceville Health Center Clinic     Image: Center for the system       CCM Hospital & Medical Clinic     Image: Center for the system       Sibley Medical Center     Image: Center for the system       Mid Minnesota Family Medicine Center     Image: Center for the system	50 27 13 34 77 60 55
Sleepy Eye Medical Center     Image: Sleepy Eye Medical Center       Paynesville Area Health System     Image: Sleepy Eye Medical Center       Tri - County Hospital     Image: Sleepy Eye Medical Center       Graceville Health Center Clinic     Image: Sleepy Eye Medical Center       Sibley Medical Center     Image: Sleepy Eye Medical Center	50 27 13 30 7 60
Sleepy Eye Medical Center     Image: Sleepy Eye Medical Center       Paynesville Area Health System     Image: Sleepy Eye Medical Clinic       Tri - County Hospital     Image: Sleepy Eye Medical Clinic       Graceville Health Center Clinic     Image: Sleepy Eye Medical Clinic       CCM Hospital & Medical Clinic     Image: Sleepy Eye Medical Clinic	50 27 13 30 7
Sleepy Eye Medical Center     Image: Sleepy Eye Medical Center       Paynesville Area Health System     Image: Sleepy Eye Medical Center       Tri - County Hospital     Image: Sleepy Eye Medical Center       Graceville Health Center Clinic     Image: Sleepy Eye Medical Center	50 27 13 30
Sleepy Eye Medical Center     Image: Center for the system       Paynesville Area Health System     Image: Center for the system       Tri - County Hospital     Image: Center for the system	5 27 13
Sleepy Eye Medical Center I Paynesville Area Health System	5
Sleepy Eye Medical Center	5
	8
Lakewood Health Center Clinic	
RiverView Health	3
Sanford Clinic	35
Stevens Community Medical Center	12
HFA - HFA Clinics & HCMC Clinics	92
Renville County Hospital and Clinics	3
Glenwood Medical Center	11
Consultants Internal Medicine	6
Attending Physicians	6
Riverwood Healthcare Center	14
Edina Sports Health & Wellness	4
Glencoe Regional Health Services	11
Albany Medical Center	5
Dawson Clinic	4
Northstar Physicians Network	43
Lake View Clinic - Two Harbors	3
Fairview Mesaba Clinic	20
Avera Medical Group	2
West Side Community Health Services	7
Edina Family Physicians	8
Lake Superior Comm. Health Center	3
Lakeview Medical Clinic	4
Buffalo Clinic	29
FamilyHealth Medical Clinics	8
Gateway Family Health Clinic	1
Burnett Medical Center	6
United Family Medicine	7
Hartberg Medical Clinic	3
BMC & St. Joseph's Med. Center Clinics	2
Alexandria Clinic	1

+ Cardiology Lower Confidence Level/Upper Confidence Level n\* = sample size

**HFA** - Hennepin Faculty Associates **HP**- Health Partners

## Performance Highlights - Clinic Level Results Rolled up by Medical Group

### **Highest Performers in 2010**

Clinic level results by medical group showed that an average of 34 percent of patients with vascular disease met all four required components included in this measure. **France Avenue Family Physicians** set the benchmark of 57 percent of vascular patients in full compliance with all four vascular care components. There were 18 of 106 medical groups with rates and confidence intervals fully above the medical group level average. The high-performing medical groups are listed below in order of performance from high to low:

- France Avenue Family Physicians
- Richfield Medical Group
- Southdale Internal Medicine, P.A.
- Allina Medical Clinic
- Apple Valley Medical Clinic
- Family HealthServices Minnesota
- Quello Clinic
- Mayo Clinic
- HealthPartners Clinics
- St. Paul Heart
- Park Nicollet Health Services
- HealthEast Clinics
- CentraCare Health System
- Affiliated Community Medical Centers
- Western Wisconsin Medical Associates
- Northwest Family Physicians
- Mayo Health System
- Fairview Health Services

## Biggest Improvement from 2009-2010

The greatest improvement since report year 2009 in Optimal Vascular Care (clinic level results by medical group) was made by **Family Medicine of Winona** with a greater than 20 percentage point increase.

## Performance Highlights - Clinic Level Results Rolled up by Medical Group

### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of <u>medical group</u> performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and losted in alphabetical order.

# The following six <u>medical groups</u> achieved <u>consistently high performance and above average rates over the</u> <u>past three years</u> for Optimal Vascular Care:

- Fairview Health Services
- Family HeatlhServices Minnesota
- HealthEast Clinics
- HealthPartners Clinics
- Park Nicollet Health Services
- St. Paul Heart

### Twelve medical groups showed consistent improvement over three years:

- Affiliated Community Medical Centers
- Allina Medical Clinic
- Apple Valley Medical Clinic
- Aspen Medical Group
- Burnsville Family Physicians
- France Avenue

- HealthPartners Clinics
- Northwest Family Physicians
- Park Nicollet Health Services
- Quello Clinic
- Richfield Medical Group
- Ridgeview Clinics

### One medical group showed consistent decreases over three years:

Community University Health Care Center

### Four medical groups had rates that were <u>relatively stable over three years:</u>

- Family HealthServices Minnesota
- Family Practice Medical Center of Willmar
- HealthPartners Clinics
- MeritCare

### Twenty-nine medical groups did not have a discernable pattern over three years.

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## Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

## **Depression Care: Remission at Six Months**

### **Depression Care: Remission at Six Months (Clinic Level Results)**

This measures the percentage of patients with major depression or dysthymia whose initial PHQ-9 score was greater than nine and whose six month PHQ-9 score less than five. This is the definition of remission.

The statewide rate for Depression Care: Remission at Six Months at the clinic level is 5.8 percent. Table 4 displays the details of this statewide rate at the clinic level. Figure 4 displays the statewide rates over time. Since last year, there has been an increase for this rate. Chart 4 provides the rates for clinic level data which are sorted by clinic from highest to lowest along with the clinic average (designated by the bold line).

Data collected for this measure are reported directly to MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

### Table 4: Statewide Clinic Level Rate for Depression Care: Remission at Six Months

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Depression: Remission at Six Months	5.8%	5.5%-6.1%	1,383	23,887

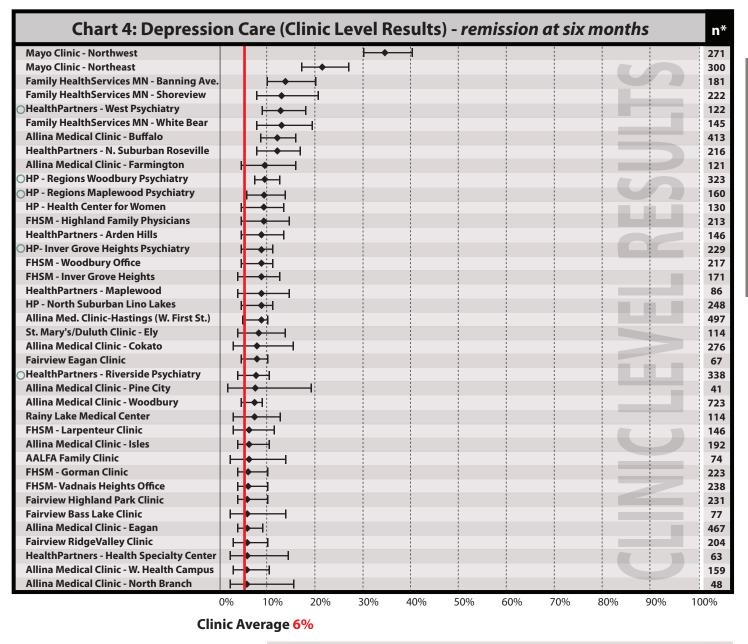
### Figure 4: Statewide Clinic Level Rate for Depression Care - Remission at Six Months

	2009 Report	2010 Report
0%		6%
10%		
20%		
30%		
40%		
50%		
60%		
70%		
80%		
90%		
100%		

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.

1000/

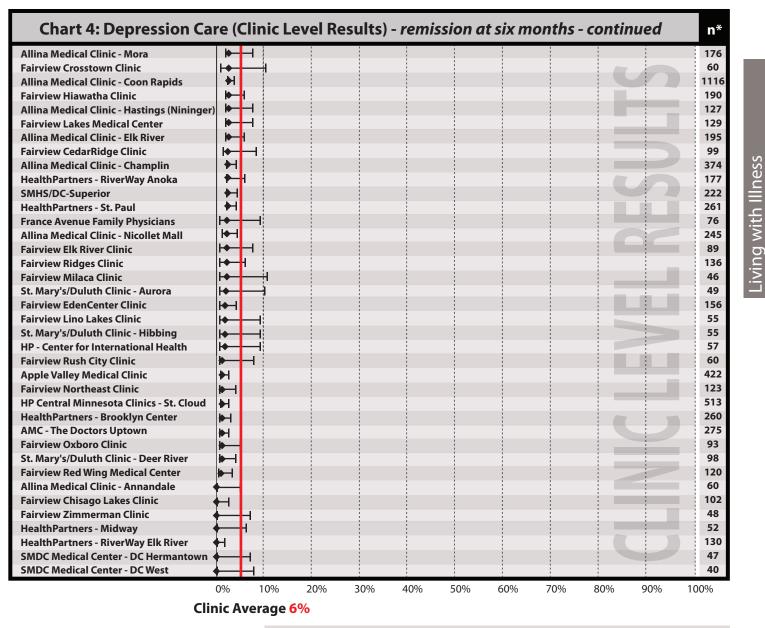
ving with Illness



○ Psychiatry |------| Lower Confidence Level/Upper Confidence Level n\* = 6 Month Remission Denominator

Chart 4: Depression Ca	nre (C	linic	Level F	Results	) - remi	ission a	at six n	nonths	- conti	nued	n*
Allina Medical Clinic - Maple Grove	H										246
Family HealthServices MN - Afton Road	<b>⊢</b>	-									249
HealthPartners - White Bear Lake	H	-									219
Allina Medical Clinic - Northfield	<b> </b>	4									626
Allina Medical Clinic - Woodlake	I <b>⊢</b>	-									275
Fairview Maple Grove Medical Center	⊢•-										150
FHSM - Maryland Clinic	⊢∙⊢										134
HealthPartners - Woodbury	+	-									334
HealthPartners - RiverWay Andover											59
Allina Medical Clinic - Faribault	<b>⊢</b>	-									414
Allina Medical Clinic - Forest Lake	i i+	4									340
Fairview Uptown Clinic		-									224
Allina Medical Clinic - St. Michael	I I∔	-									144
Fairview Princeton Clinic		<u> </u>									104
FHSM - North St. Paul Clinic	I I∔	н <sup>с</sup> —									229
HealthPartners - Como		-									272
Allina Medical Clinic - Ramsey		<u> </u>									85
HealthPartners - Apple Valley	I I										131
FHSM - Woodlane Family Practice	∣ i∔-	-i									137
HealthPartners - West	++	-1									160
Allina Medical Clinic - Edina		4									234
Allina Medical Clinic - Shakopee		4 E -									305
Allina Medical Clinic - Cottage Grove	<b> </b> ♦-	· .									523
HealthPartners - Inver Grove Heights		-									144
St. Mary's/Duluth Clinic - Spooner	∣ i⊷-	<u> </u>									48
HP - Regions Jackson Street Psychiatry	⊨♣∔	·									73
Allina Medical Clinic - West St. Paul	I I∳-H										318
AMC - Cambridge Medical Center	. I♦I										721
SMDC Medical Center - DC Lakeside											181
Allina Medical Clinic - Hinkley	l i 🛶	<u> </u>									78
Allina Medical Clinic - Shoreview	<b>I IIII</b>										265
HealthPartners - Riverside		-									159
Fairview Hugo Clinic		<u> </u>									55
Fairview Lakeville Clinic	<b> </b>	_i									84
St. Mary's/Duluth Clinic - Ashland	i+										84
SMDC Medical Center - DC First St Bldg	H										171
HealthPartners - Coon Rapids	♦	1									57
Fairview Rogers Clinic	♦										203
HealthPartners - Bloomington											409
Clin	0% nic Av	10% /erage	20%	30%	40%	50%	60%	70%	80%	90%	100%

○ Psychiatry |------| Lower Confidence Level/Upper Confidence Level n\* = 6 Month Remission Denominator



O Psychiatry |------ Lower Confidence Level/Upper Confidence Level n\* = 6 Month Remission Denominator

AMC - Allina Medical Clinic FHSM - Family HealthServices Minnesota

HP - HealthPartners

## Performance Highlights - <u>Clinic Level</u> Results

### **Highest Performers in 2010**

Clinic level results showed that an average of 6 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than 5). **Mayo Clinic-Northwest** set the benchmark of 36 percent of depression patients in remission at 6 months. There were 11 of 116 with rates and confidence intervals fully about the clinic level average. The high performing clinics are listed below in order of performance from high to low.

- Mayo Clinic Northwest
- Mayo Clinic Northeast
- Family HealthServices Minnesota Banning Avenue
- HealthPartners West Psychiatry
- Family HealthServices Minnesota Shoreview
- Family HealthServices Minnesota White Bear Office
- Allina Medical Clinic Buffalo
- HealthPartners North Suburban Roseville
- HealthPartners Regions Woodbury Psychiatry
- HealthPartners Regions Maplewood Psychiatry
- Allina Medical Clinic Hastings (W First St)

### **Biggest Improvement From 2009-2010**

The greatest improvement since report year 2009 in Depression Care- remission at 6 months (clinic level results) was made by **HealthPartners - North Suburban Roseville** with an 8 percentage point increase.

### **Clinic Level Performance Over Time (2008-2010)**

Not applicable.

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## Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

## **Depression Care: Remission at Twelve Months**

### **Depression Care: Remission at Twelve Months (Clinic Level Results)**

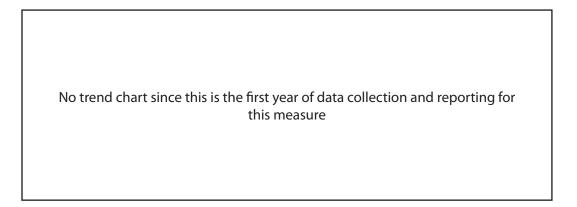
This measures the percentage of patients with major depression or dysthymia whose initial PHQ-9 score was greater than nine and whose twelve month PHQ-9 score was less than five. This is the definition of remission.

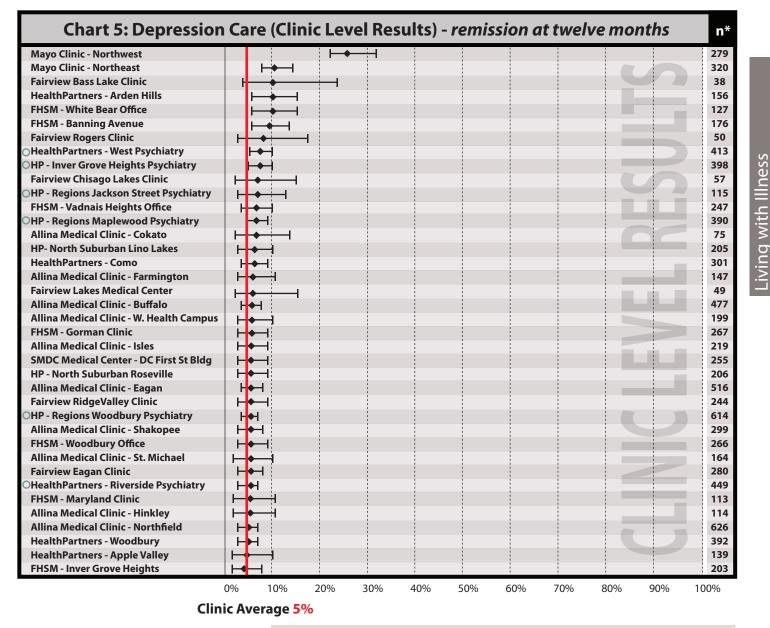
The statewide rate for Depression Care: Remission at Twelve Months at the clinic level is 4.5 percent. Table 5 displays the details of this statewide rate at the clinic level. Chart 5 provides the rates for clinic level data which are sorted by clinic from highest to lowest along with the clinic average (designated by the bold line).

Data collected for this measure are reported directly to MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

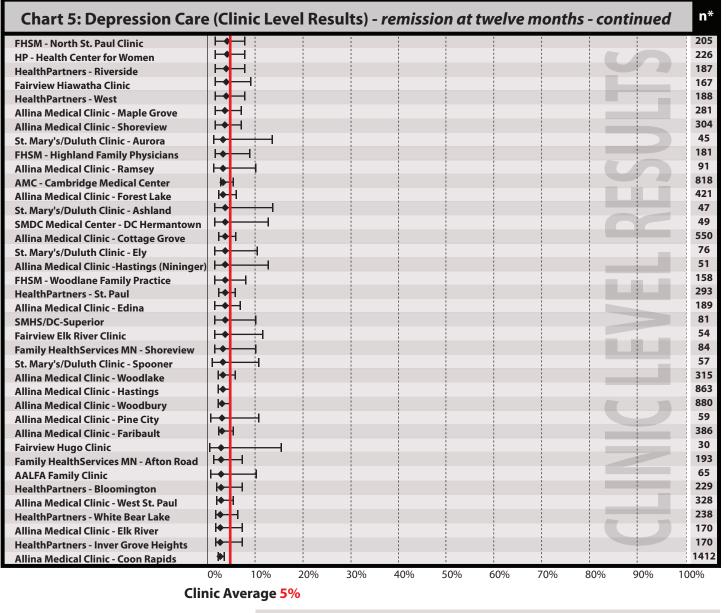
### Table 5: Statewide Clinic Level Rate for Depression Care: Remission at Twelve Months

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Depression: Remission at Twelve Months	4.5%	4.3%-4.8%	1,131	25,037



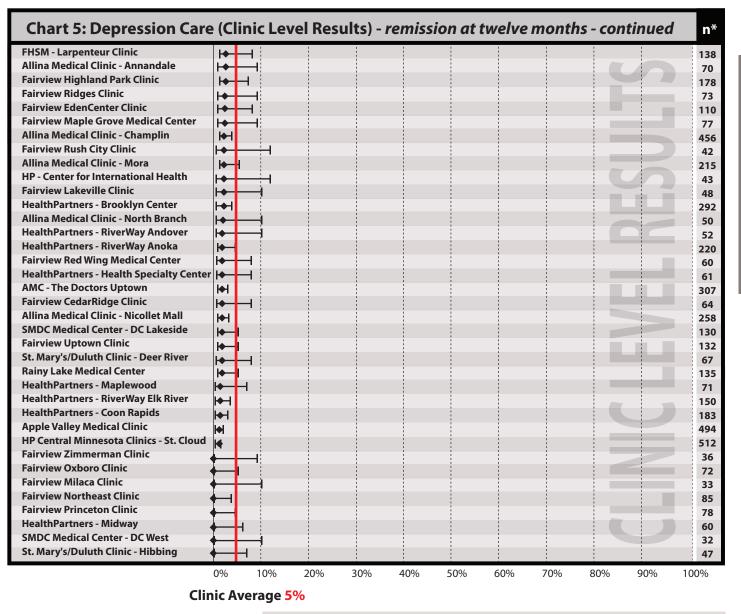


O Psychiatry |------ Lower Confidence Level/Upper Confidence Level n\* = 12 Month Remission Denominator



○ Psychiatry |------| Lower Confidence Level/Upper Confidence Level n\* = 12 Month Remission Denominator

iving with <u>Illness</u>



○ Psychiatry |------| Lower Confidence Level/Upper Confidence Level n\* = 12 Month Remission Denominator

## **Performance Highlights - Clinic Level Results**

### **Highest Performers in 2010**

Clinic level results showed that an average of 5 percent of patients with depression were in remission at twelve months (had a PHQ-9 score of less than 5). **Mayo Clinic-Northwest** set the benchmark of 27 percent of depression patients in remission at 12 months. There were 8 of 113 with rates and confidence intervals fully about the clinic level average. The high performing clinics are listed below in order of performance from high to low.

- Mayo Clinic Northwest
- Mayo Clinic Northeast
- HealthPartners Arden Hills
- Family HealthServices Minnesota White Bear Office
- Family HealthServices Minnesota Banning Avenue
- HealthPartners West Psychiatry
- HealthPartners Inver Grove Heights Psychiatry
- HealthPartners Regions Maplewood Psychiatry

### **Biggest Improvement from 2009-2010**

Not applicable.

### **Clinic Level Performance Over Time (2008-2010)**

Not applicable.

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## Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

## **Controlling High Blood Pressure**

### **Controlling High Blood Pressure (Medical Group Level Results)**

This measures the percentage of patients ages 18-85 with a diagnosis of hypertension, or high blood pressure, whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. The representative blood pressure is the most recent blood pressure reading during the measurement year (as long as the blood pressure reading occurred after the diagnosis of hypertension was made).

The statewide rate for Controlling High Blood Pressure is 72.4 percent. Table 6 displays the details of the 2010 rate. Figure 6 shows the average rate for Controlling High Blood Pressure over time. Since the 2007 report, there has been an increase in this rate. Chart 6 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

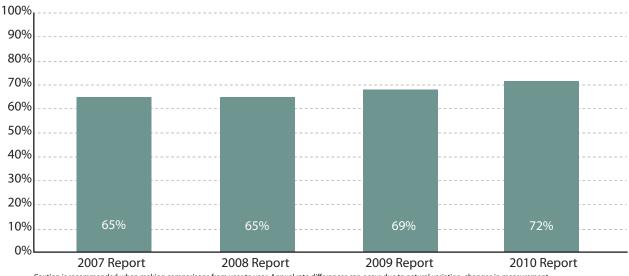
Data collected for this measure are from health plan claims and medical record review.

### Table 6: Statewide Medical Group Level Rate for Controlling High Blood Pressure\*

	Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
BP <140/90 mmHg	72.4%	71.6%-73.2%	8,305	12,343	148,005
bi <140/90 mining	72.470	71.07075.270	0,505	12,545	1-0,005

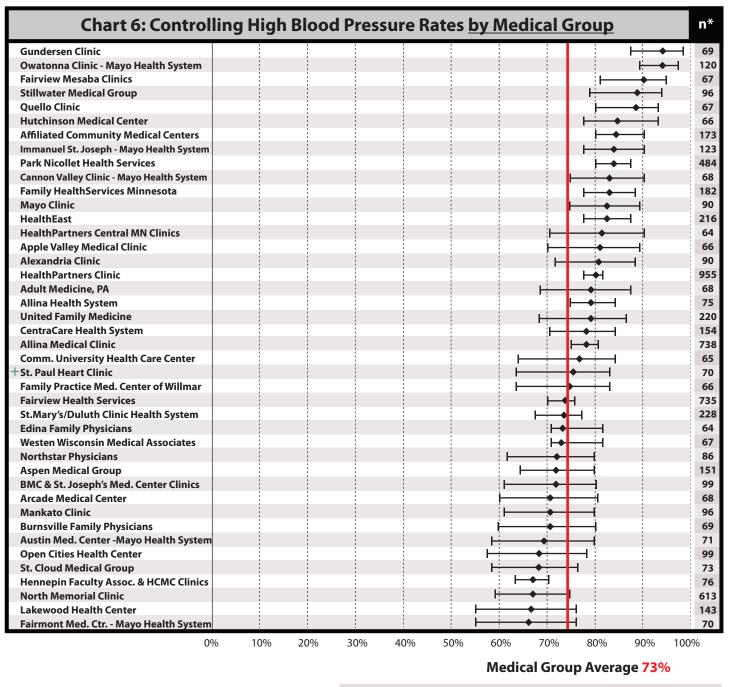
\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

### Figure 6: Statewide Medical Group Level 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.

-iving with Illness



+ Cardiology Lower Confidence Level/Upper Confidence Level n\* = sample size

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

Chart 6: Controlling High	Blood Pres	sure Rate	es <u>by Mec</u>	lical Gro	<u>up</u> - co	ontinued	/ n*
Innovis Health				<b>├</b>	+		95
Glencoe Regional Health Services			F	•	÷ 1		92
Multicare Associates of the Twin Cities				•	- I		71
CCMH - Montevideo Clinic			⊢	•	÷ 1		69
MeritCare				<b>↓</b>	-		258
Bloomington Lake Clinic, LTD.				•	÷ 1		83
Metropolitan Internists			⊢ ⊢	•			69
Northwest Family Physicians			. ⊢	•	÷ 1		60
ELEAH Medical Center			⊢	•	<u> </u>		69
Winona Health							70
Lk. City Med. Ctr. and Clinic - Mayo Health							67
Lake View Medical Clinic							68
Sharpe Dillon Cockson & Associates, PA					-i -		68
University of Minnesota Physicians							258
Sanford Clinic							263
North Clinic							131
Grand Itasca Clinic							68
Glenwood Medical Center							84
Buffalo Clinic					1		119
West Side Community Health Services					<u>'</u>		67
Northpoint Health and Wellness Center					7		93
Albert Lea Clinic - Mayo Health System							104
Fremont Community Clinics							67
Ridgeview Clinics							66
Olmsted Medical Center							89
Avera Medical Group							64
Cedar Riverside People's Center							126
Brainerd Medical Center							71
Gateway Family Health Clinic							67
Wadena Medical Center							91
St. Luke's Clinics							66
Lakeview Clinic, LTD.							83
Fergus Falls Medical Group							69
Paynesville Area Health Care System							66
St. Paul Family Medical Center							90
Altru Health System							68
SuperiorHealth Center							63
Franciscan Skemp - Mayo Health System							68
Riverwood Aitkin Clinic							83
Central Lakes Med. Clinic - N.Star Phys.							75
Broadway Medical Center							81
•				100/			
0%	10% 20%	30% 4	0% 50%	60%	70% 8	80% 90%	6 100%

+ Cardiology Lower Confidence Level/Upper Confidence Level n\* = sample size

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

#### **Highest Performers in 2010**

Medical group level results showed that an average of 73 percent of patients with high blood pressure were appropriately controlled. **Gunderson Clinic** set the benchmark of 95 percent of patients with controlled high blood pressure. Sixteen of 83 medical groups had rates and confidence intervals that were fully above the medical group average. They are listed below in order of performance from high to low.

- Gunderson Clinic
- Owatonna Clinic- Mayo Health System
- Fairview Mesaba Clinics
- Stillwater Medical Group
- Quello Clinic
- Hutchinson Medical Center
- Affiliated Community Medical Centers
- Immanuel St. Joseph- Mayo Health System
- Park Nicollet Health Services
- Cannon Valley Clinic Mayo Health System
- Family HealthServices Minnesota
- Mayo Clinic
- HeatlhEast
- HealthPartners Clinics
- Allina Health System
- Allina Medical Clinic

#### **Biggest Improvement from 2009-2010**

The greatest improvements since report year 2009 in Controlling High Blood Pressure (medical group level) with each achieving greater than a 29 percentage point increase were made by:

- Affiliated Community Medical Centers
- Avera Medical Group
- Hutchinson Medical Center
- Innovis Health
- Mayo Clinic
- Northstar Physicians

#### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

# The following four medical groups achieved <u>consistently high performance and above average rates over the</u> <u>past three years</u> for Controlling High Blood Pressure:

- Allina Medical Clinic
- Family HeatlhServices Minnesota
- HealthPartners Clinics
- Park Nicollet Health Services

#### Nine medical groups showed consistent improvement over three years:

- Allina Health System
- Allina Medical Clinic
- Aspen Medical Group
- Fairview Mesaba Clinics
- HealthEast
- Park Nicollet Health Services
- Quello Clinic
- Stillwater Medical Group
- University of Minnesota Physicians

#### Two groups showed consistent decreases over three years:

- Central Lakes Medical Clinic
- Fergus Falls Medical Group

#### One medical group had rates that were relatively stable over three years:

St.Cloud Medical Group

#### Thirty-one medical groups did not have a discernable pattern over three years.

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# Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

# Use of Appropriate Medications for People with Asthma (Ages 5-50)

#### Use of Appropriate Medications for People with Asthma (Medical Group Level Results)

This measures the percentage of patients ages 5-50 with persistent asthma who were appropriately prescribed medication.

The statewide rate for Use of Appropriate Medications for People with Asthma is 91.8 percent. Table 7 displays the details of the 2010 rate. Chart 7.1 shows the average rate for Use of Appropriate Medications for People with Asthma over time. Chart 7.1 shows the Use of Appropriate Medications for People with Asthma (Ages 5-50) rate distribution line for medical group averages. Chart 7.2 shows this measure's average rate across medical groups for children (ages 5-17). Chart 7.3 shows the average rate across medical groups for adults (ages 18-50). The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line) for each chart.

Data collected for this measure are from health plan claims.

#### Table 7: Statewide Medical Group Level Rate for Asthma (Ages 5-50)\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Asthma	91.8%	91.3%-92.2	13,230	14,141

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

No trend chart. Measurement specifications changed since last year.

Living with Illness

Northwest Family Physicians											56
Silver Lake Clinic											-
N. Lights Pediatric and Adolescent Med											- 35
Partners in Peds-Child's Phys. Network										- i	4 228
# Metropolitan Pediatric Specialists											93
MinuteClinic											♦ 62
#Wayzata Children's Clinic											H 61
Western Wisconsin Medical Associates											- 88
# Fridley Children's & Teenager's Med. Ctr	r.										- 42
Ped. Services - Children's Phys. Network	c										40
Southdale Pediatric Associates, Ltd.											180
Child. Hosp. Clinics MPLS, St. Paul, TAMS. PACE											333
Alexandria Clinic											88
Hutchinson Medical Center										<b>⊢⊢</b>	72
CentraCare Health System										<b>_</b>	23
Pediatric and Young Adult Medicine											77
Stillwater Medical Group										`⊨++++	13
Affiliated Community Medical Centers											20
Fremont Community Clinics										<b>⊢∔</b> i	87
Central Pediatrics		1									86
South Lake Pediatrics											110
Mayo Clinic										<b>⊢</b> ∔•–1	99
Innovis Health									⊢	<b></b> ↓ ●	78
St. Cloud Medical Group											14
Park Nicollet Health Services											99
Sanford Clinic										li +I	22
Lakeview Clinic, Ltd.										<b>→</b>	14
Gundersen Clinic									- I	— <b>—</b>	42
North Memorial Clinic										H-H-	16
University of Minnesota Physicians									E F		11
Allina Medical Clinic										н	1,24
Aspen Medical Group										H-H-	23
Quello Clinic									- I		72
Northstar Physicians							1			i•	10
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90% 1	00%

\* Urgent Care #Pediatric Herein Lower Confidence Level/Upper Confidence Level n\* = sample size

HealthParnters Clinics								l 🏼	1,3
Fairview Health Services								H•	9
Allina Health System									1
Multicare Associates of the Twin Cities									8
Grand Itasca Clinic							H	<b>\</b>	6
Healtheast								⊢ → I	2
Open Cities Health Center								<b>\</b>	1 3
West Side Community Health Services								<b>_</b>	1 3
Glencoe Regional Health Services								<b>\</b>	4
BMC & St. Joseph's Med. Center Clinics							- F	<b></b>	6
Mankato Clinic								· — • •	1
Owatonna Clinic- Mayo Health System							ļ.		e
Apple Valley Medical Clinic							Ļ.	i	5
Altru Health System									1
Ridgeview Clinics							L L		5
Avera Medical Group									1
Family HealthServices Minnesota								<b>⊢</b>	2
Hennepin Faculty Assoc. & HCMC Clinics								<b>→</b>	1
St. Croix Regional Medical Center									3
Buffalo Clinic							i ir		1
MeritCare								<b>⊢</b> →-1	2
St. Mary's/Duluth Clinic Health System								<b>⊢</b> →	2
Family Practice Med. Center of Willmar								<b></b>	
Albert Lea Clinic- Mayo Health System							<b>⊢</b> ∔	<b>_</b> _	(
Austin Med. Center- Mayo Health System								<b></b>	4
HealthPartners Central MN Clinics							<b>⊢</b> ∔	<b>_</b>	7
North Clinic							L L		9
Immanuel St. Joseph - Mayo Health Sys.							H		1
Olmsted Medical Center							- F		1
St. Luke's Clinics								<b></b>	8
Lakewood Health Center								<b></b>	3
Wadena Medical Center								<b>←</b>	4
Now Care Medical Centers									4
United Family Medicine									
0%	10%	20%	30%	40%	50%	60%	70% 80	% 90%	100%

Living with Illness

Affiliated Community Medical Centers										
St. Cloud Medical Group									- i H-	-+ e
Hutchinson Medical Center										
N. Lights Pediatrics and Adolescent Med.										<b></b> i 3
Partners in Pediatrics										● 2
HealthEast									; <b>⊢</b> –	- <b>+</b>   8
Metropolitan Pediatric Specialists										<b>→</b>   ε
Southdale Pediatric Associates, Ltd.									- i - F	-+  1
CentraCare Health System									<b>⊢</b>	-+  1
Lakeview Clinic, Ltd.										-+  €
Alexandria Clinic										
Fremont Community Clinics										<b>→ </b> 6
Wayzata Children's Clinic										<b>→</b>   5
Mankato Clinic										<b>→</b>   5
Stillwater Medical Group									li ili ili ili ili ili ili ili ili ili	<b>+</b>   4
Fridley Children's & Teenager's Med. Ctr.										← 4
Pediatric Services								F		<b>+</b> -]∃
Child's Hosp. Clinics MPLS, St. Paul, TAMS, PACE								- E		<b>♦ </b> 3
Grand Itasca Clinic								E F		<b>+</b> -  3
F Central Pediatrics									<u> </u> +	H 7
St. Mary's/Duluth Clinic Health System									<b>i</b> ►	-
Park Nicollet Health Services									<b>  ⊢</b> ►	2
Pediatric and Young Adult Medicine										- 6
Family HealthServices Minnesota								- F		- 4
Northstar Physicians										-1   4
Sanford Clinic									_ <b> </b> -	1 9
Fairview Health Services									<b>i⊢+</b> H	3
Aspen Medical Group									⊢┼─┥	8
Glencoe Regional Health Services									_ <b>i-+</b>	-1   3
Olmsted Medical Center										4
Allina Medical Clinic									<b> -→- </b>	3
Altru Health System										4
South Lake Pediatrics									┠──┊╋─ <mark>┣</mark> ┨	1
HealthPartners Clinics									+⊷	4
Allina Health System								- I		4
Immanuel St. Joseph- Mayo Health System										4
University of Minnesota Physicians								<b> </b>		5
Hennepin Faculty Assoc. & HCMC Clinics										6
Mayo Clinic							E F			3
Avera Medical Group								H	-+	6
Buffalo Clinic							E F		<b>→  </b>	4
MeritCare								-	+ + 1	9
North Memorial Clinic										
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

\*Urgent Care #Pediatric - Lower Confidence Level/Upper Confidence Level n\* = sample size

Chart 7.3: Use of Appropria	ate M	edicatio	ons for <u>A</u>	<u>Adults</u> w	/ith Ast	nma - A	ges 18-	50 <u>by Med</u>	lical Gr	oup	n
Northwest Family Physicians											4
Silver Lake Clinic										H	+ 3
Western Wisconsin Medical Associates											H
MinuteClinic										⊢ +	- 4
Mayo Clinic										⊢ +	-6
North Memorial Clinic										⊢+→-1	1
Innovis Health										<b></b>	(
Stillwater Medical Group									H F	<b></b> ♦(	1
Park Nicollet Health Services										<b>→</b> -	7
University of Minnesota Physicians									- H	<b></b> ♦(	
Sanford Clinic										<b>⊢</b> •1	1
CentraCare Health System									- F	•_i	1
Allina Medical Clinic										HH .	9
Quello Clinic									· —	<b></b>	1
Avera Medical Group											
Hutchinson Medical Center											
Aspen Medical Group									- F		1
HealthPartners Clinics									نصل	i	8
Affiliated Community Medical Centers									Ē		1
Ridgeview Clinics									<u> </u>		
Multicare Associates of the Twin Cities											
Allina Health System									́ н	<b>_</b> _'	1
Owatonna Clinic- Mayo Health System											
Fairview Health Services									1		e
Northstar Physicians											
Lakeview Clinic, Ltd.									1		
Meritcare											1
Buffalo Clinic											
Apple Valley Medical Clinic											1
Family HealthServices Minnesota										•	
Albert Lea Clinic - Mayo Health System											
Altru Health System										•	
St. Cloud Medical Group								F			
Hennepin Faculty Assoc. & HCMC Clinic	S									•	
St. Luke's Clinics	_							F	+		
Healtheast									<b>•</b>	_	1
North Clinic	_							<b>F</b>	+		
BMC & St. Joseph's Med. Center Clinics									+		
HealthPartners Central MN Clinics									+++	- <u>t</u> .	
Grand Itasca Clinic									•		
Mankato Clinic									•		
St. Mary's/Duluth Clinic Health System								H		-	1
Immanuel St. Joseph - Mayo Health Sys	•								•		
Olmsted Medical Center								l	+		
Wadena Medical Center							$\vdash$		+		
United Family Medicine											

#### Medical Group Average 90%

\*Urgent Care #Pediatric - Lower Confidence Level/Upper Confidence Level n\* = sample size

#### **Highest Performers in 2010**

Medical group level results showed that an average of 92 percent of patients with persistent asthma ages 5-50 were appropriately prescribed medication. Northwest Family Physicians, Silver Lake Clinic, and Northern Lights Pediatric and Adolescent Medicine each set the benchmark of 100 percent. Six of 68 medical groups had rates and confidence intervals fully above the medical group average. They are listed below in order of performance from high to low.

- Northwest Family Physicians
- Partners in Pediatrics- Children's Physician Network
- Metropolitan Pediatric Specialists
- Southdale Pediatric Associates Ltd
- Children's Hospital Clinics Mpls, St. Paul, TAMS, PACE
- CentraCare Health System

### **Biggest Improvement from 2009-2010**

Not applicable.

### Medical Group Performance Over Time (2008-2010)

Not applicable.

# Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

# Use of Spirometry Testing in the Assessment and Diagnosis of COPD

#### Use of Spirometry Testing in the Assessment and Diagnosis of COPD (Medical Group Level Results)

The percentage of patients 40 years of age and older with a new diagnosis or newly active COPD who received appropriate spirometry testing to confirm the diagnosis.

The statewide rate for Use of Spirometry Testing in the Assessment and Diagnosis of COPD is 34.5 percent. Table 8 displays the details of the 2010 rate. Chart 8 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

Data collected for this measure are from health plan claims.

# Table 8: Statewide Medical Group Level Rate for Use of Spirometry Testing in the Assessment andDiagnosis of COPD\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Spirometry Testing in the Assessment and Diagnosis of COPD	34.5%	33.4%-35.6%	2,349	6,811

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

No trend chart since this is the first year of data collection and reporting for this measure

Living with Illness

Silver Lake Clinic	32
Ouello Clinic	70
Gateway Family Health Clinic	31
Olmsted Medical Center	34
Park Nicollet Health Services	398
Mayo Clinic	57
MultiCare Assoc. of the Twin Cities	67
Ridgeview Clinic	39
Univeristy of Minnesota Physicians	64
Immanuel St. Joseph - Mayo Health Sys.	37
HealthPartners Clinics	773
Hennepin Faculty Assoc. & HCMC Clinics	49
Northwest Family Physicians	32
Stillwater Medical Group	76
Allina Medical Clinic	502
Family HealthServices Minnesota	172
Fairview Health Services	566
Affilliated Community Medical Centers	67
St. Luke's Clinics	52
Lakeview Clinic, LTD.	47
Sanford Clinic	64
North Memorial Clinic	167
Allina Health System	147
Aspen Medical Group	214
Innovis Health	59
CentraCare Health System	98
Bloomington Lake Clinic, LTD.	34
HealthPartners Central MN Clinics	38
Altru Health System	42
St. Cloud Medical Group	40
Mankato Clinic	37
Western Wisconsin Medical Associates	37
Avera Medical Group	42
BMC & St. Joseph's Med. Center Clinics	31
Grand Itasca Clinic	31
MeritCare	137
North Clinic	139
St. Mary's/Duluth Clinic Health System	126
Northstar Physicans	55
HealthEast	307
Buffalo Clinic	33
Hutchinson Medical Center	31

Lower Confidence Level/Upper Confidence Level n\* = sample size

#### **Highest Performers in 2010**

Medical group level results showed that an average of 36 percent of patients were given a spirometry test for the assessment and diagnosis of COPD. **Silver Lake Clinic** set the benchmark of 59 percent. Four of 42 medical groups had rates and confidence intervals fully above the medical group average. They are listed below in order of performance from high to low.

- Silver Lake Clinic
- Quello Clinic
- Park Nicollet Health Services
- HealthPartners Clinics

#### **Biggest Improvement from 2009-2010**

Not applicable.

#### Medical Group Performance Over Time (2009-2010)

Not applicable.

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# Care that is Proven to Work: GETTING BETTER MEASURES

# Appropriate Treatment for Children with Upper Respiratory Infection

#### Appropriate Treatment for Children with Upper Respiratory Infection (Medical Group Level Results)

This measures the percentage of children ages three months to 18 years with a diagnosis of upper respiratory infection (URI) who were <u>not</u> given an antibiotic prescription within three days of the episode period (July 1 or prior year to June 30 of measurement year).

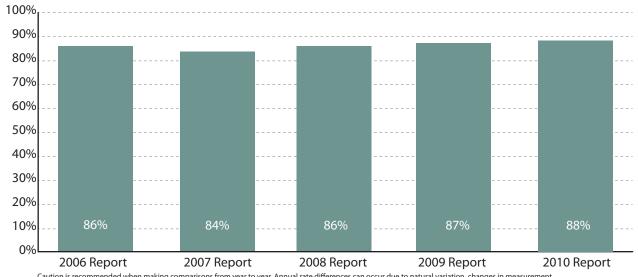
The statewide rate for Appropriate Treatment for Children with URI is 87.6 percent. Table 9 displays the details of the 2010 rate. Figure 9 shows the Appropriate Treatment for Children with URI over time. Since the 2006 report, there has been a steady increase in this rate. Chart 9 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

Data collected for this measure are from health plan claims. Note: A higher rate indicates appropriate treatment of children with URI (i.e., the proportion for whom antibiotics were <u>not</u> prescribed).

#### Table 9: Statewide Medical Group Level Rates for Appropriate Treatment for Children with URI

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Appropriate Treatment for Children with Upper Respiratory Infection	87.6%	87.3%-88.0%	32,133	36,674

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.



#### Figure 9: Statewide Medical Group Level Rates for Appropriate Treatment for Children with URI 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.

Chart 9: Appropriate	Treat	ment fo	or Ch	ildrer	with	URI Ra	ates <u>b</u> y	y Med	ical G	iroup	n*
Open Cities Health Center											87
Cannon Valley Clinic - Mayo Health Sys										<b>→</b>	71
CCMH - Montevideo Clinic										<b>⊢</b> →I	71
#Pediatric and Adolescent Services											124
Northpoint Health and Wellness Center	r									<b>}</b>	56
<sup>#</sup> Dakota Pediatric Clinic					1						43
Hennepin Faculty Assoc. & HCMC Clinic	s									⊢•	419
Silver Lake Clinic					ł					<b>⊢</b>	37
University of Minnesota Physicians										⊢•	481
Bloomington Lake Clinic, LTD.					1						34
Fremont Community Clinics										<b>⊢</b> +1	197
#All About Children Ped Children's Phy	s.									<b>⊢</b> →1	139
* Now Care Medical Centers										<b>⊢</b> →1	83
* MinuteClinic										I I I I I I I I I I I I I I I I I I I	209
CentraCare Health System										<b>⊢</b> +I	461
#Pediatric and Young Adult Medicine										<b>⊢→</b>	330
HealthPartners Clinics										I I I I I I I I I I I I I I I I I I I	2,211
* WestHealth Urgent Care										<b>i</b>	89
#Wayzata Children's Clinic										<b>i</b> → 1	166
Allina Medical Clinic											2,003
United Family Medicine											80
Gundersen Clinic											79
Franciscan Skemp - Mayo Health Syster	m									<b></b>	38
* Express Healthcare					1					<b>⊢</b> +1	148
Lakeview Medical Clinic											73
#Metropolitan Pediatric Specialists										++	369
#Fridley Children's & Teenagers' Med. Ct	r.									┝╼╌┥	244
Buffalo Clinic											432
#South Lake Pediatrics										<b>→</b>	248
United Hospital District Clinics										<b>→ → → →</b>	65
Mayo Clinic										┝╼┥	387
Aspen Medical Group										H+-I	434
Hutchinson Medical Center										l <del>i </del> ♦−−−1	193
West Side Community Health Services										l <del>i</del> ♦ – I	207
Luther Midelfort- Mayo Health System											87
Mid Minnesota Family Medicine Center	r								E F		71
North Memorial Clinic										l <b>i ♦</b> l	381
#Central Pediatrics										H-+-I	152
Clearwater Health Services											41
<b>#Partners in Pediatrics</b>										<b>I</b> →-I	680
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90% 100	0%
							Me	dical G	roun A	verage 889	6
											-

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

**Getting Better** 

Chart 9: Appropriate Trea	tment	for C	hildre	n with	URI Ra	tes <u>by N</u>	Medical	Group	<u>o</u> - conti	nued	n*
#Eagan Valley Pediatrics										•	54
#Child's Hosp. Clinics MPLS, St.Paul, TAMS, PACE										i i++i i	751
HealthEast										i i i i i i i i i i i i i i i i i i i	464
*Urgent Care Doctor's Office										<b>H</b>	188
*Emergency Physicians										<b>H</b>	243
<sup>#</sup> N. Lights Pediatric & Adolecent Med.									- i	-	48
#Pediatric Services										H-+	294
Family Practice Med. Center of Willmar										<b></b>	93
#Southdale Pediatric Associates LTD.										⊢∳I	821
Comm. University Health Care Center										_	45
Sleepy Eye Medical Center										<b>i</b>	45
Fairview Health Services		1								i de l	2,114
Gateway Family Health Clinic									- H		77
Allina Health System										-	185
*Priority Pediatrics Urgent Care									. ⊢		128
Stillwater Medical Group										H-	350
Winona Health										· · ·	53
HealthPartners Central MN Clinics									E F		227
Lakeview Clinic, LTD.									- i i	_	280
Park Nicollet Health Services											1,865
Grand Itasca Clinic										_	352
Albert Lea Clinic - Mayo Health System									- i i-	-	219
Mille Lacs Clinics											69
Affiliated Community Medical Centers											611
Austin Med. Center- Mayo Health System											220
Northwest Family Physicians											140
Scenic Rivers Health Services											32
Central Lakes Med. Clinic- N. Star Phys.											71
Multicare Associates of the Twin Cities									· .	<b>↓</b>	200
*Suburban Emergency Associates											68
St. Mary's/Duluth Clinic Health System											690
Meritcare											1,279
Lakewood Health Center											178
*Chaska Urgent Care											68
Brainerd Medical Center											315
Family HealthServices Minnesota										_ <b>_</b>	107
FamilyHealth Medical Clinics											120
Fergus Falls Medical Group										<b>_</b>	233
Altru Health System											326
	% 1	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	/0	0/0	20/0	3070	1070	5070			iroup Av	/ -	

Fairview Mesaba Clinics				L		79
Sanford Clinic						645
Southside Community Health Services						32
St. Cloud Medical Group						243
Western Wisconsin Medical Associates					i → → I	174
Quello Clinic					<b>⊢</b> → – <mark> </mark>	205
BMC & St. Joseph's Med. Center Clinics					<b>⊢ → _  </b>	187
North Clinic						84
Apple Valley Medical Clinic					<b>⊢</b> → – <b> </b>	299
*Physicians Urgent Care Professional					<b>↓</b>	64
Olmsted Medical Center					<b>⊢</b> ♦– <b>1</b>	493
Mankato Clinic						486
St. Luke's Clinics						152
Northeast Pediatric Clinic						41
Glencoe Regional Health Services						96
Ridgeview Clinics					<b></b>	116
Sibley Medical Center						50
Northstar Physicians					<b>→</b>	194
Immanuel St. Joseph - Mayo Health Sys.						463
Owatonna Clinic - Mayo Health Sys.					<b>◆</b>	432
Paynesville Area Health Care System					<b>↓</b>	96
Lk. City Med. Ctr. and Clinic -Mayo Health						54
Riverwood Aitkin Clinic						76
Unity Family Healthcare - Avon						71
Osceola Medical Center						31
Renville County Hospital and Clinics						61
St. Croix Regional Medical Center				► <b>−</b>		107
Innovis Health				<b>⊢</b> ,	4	223
Wadena Medical Center				<b>⊢</b>		174
Riverview Clinic						108
Southern Metro Medical Clinics						137
Fairmont Med. Center - Mayo Health Sys.			- i - i - i - i - i - i - i - i - i - i			102
Glenwood Medical Center				→		89
Hendricks Clinic		H		•	1	30
Foley Medical Center			+			39
Alexandria Clinic			⊢ +	<b>—</b>		175
Broadway Medical Center						222
Parkview Medical Clinic			•	-		33
Avera Medical Group		<b>⊢</b> ♦–1				775
ELEAH Medical Center	+					31

#### **Highest Performers in 2010**

Medical group level results showed an average of 88 percent of children ages three months to 18 years, with a diagnosis of URI, were appropriately managed without antibiotic. **Open Cities Health Center** set the benchmark of 99 percent. Thirty-eight of 118 medical groups had rates and confidence intervals fully above the medical group average. They are listed below in order of performance from high to low.

- Open Cities Health Center
- Cannon Valley Clinic-Mayo Health System
- CCM-Montevideo Clinic
- Pediatric and Adolescent Services
- Northpoint Health and Wellness Center
- Dakota Pediatric Clinic
- Hennepin Faculty Associates & HCMC Clinics
- University of Minnesota Physicians
- Fremont Community Clinics
- All About Children Pediatrics- Children's Physician Network
- Now Care Medical Centers
- MinuteClinic
- CentraCare Health System
- Pediatric and Young Adult Medicine- Children's Physician Network
- HealthPartners Clinics
- WestHealth Urgent Care
- Wayzata Children's Clinic (Affiliated with Children's Physician Network)
- Allina Medical Clinic
- United Family Medicine

- Gundersen Clinic
- Express HealthCare
- Metropolitan Pediatric Specialists
- Fridley Children's & Teenagers' Medical Center-Children's Physician Network
- Buffalo Clinic
- South Lake Pediatrics- Children's Physician Network
- Mayo Clinic
- Aspen Medical Group
- Hutchinson Medical Center
- West Side Community Health Services
- North Memorial Clinic
- Partners in Pediatrics- Children's Physician Network
- Children's Hospital Clinics MPLS, St.Paul, TAMS, PACE
- HealthEast
- Emergency Physicians
- Pediatric Services-Children's Physician Network
- Southdale Pediatric Associates Ltd.
- Fairview Health Services
- Park Nicollet Health Services

## Biggest Improvement from 2009-2010

The greatest improvements since report year 2009 in Treatment for Children with Upper Respiratory Infection (medical group level) were made by **Allina Medical Clinic, Sanford Clinic, Scenic River Health Services,** and **United Hospital District Clinics** with each achieving greater than a 20 percentage point increase.

#### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

#### The following eleven medical groups achieved <u>consistently high performance and above average rates over</u> <u>the past three years</u> for Treatment for Children with Upper Respiratory Infection:

- Allina Medical Clinic
- Buffalo Clinic
- Express HealthCare
- Fairview Health Services
- HealthPartners Clinics
- Mayo Clinic
- Metropolitan Pediatric Specialists
- MinuteClinic
- North Memorial Clinic
- Park Nicollet Health Services
- WestHealth Urgent Care

#### Seven medical groups showed consistent improvement over three years:

- Altru Health System
- Aspen Medical Group
- Bloomington Lake Clinic, Ltd.
- CentraCare Health System
- Central Lakes Medical Clinic- Northstar Physicians
- Lakewood Health System
- St. Mary's/Duluth Clinic Health System

#### Two medical groups showed consistent decreases over three years:

- Grand Itasca Clinic
- Mille Lacs Clinics

#### Eleven medical groups had rates that were <u>relatively stable over three years:</u>

- Buffalo Clinic
- Fairview Health Services
- HealthEast
- HealthPartners Clinics
- Mankato Clinic
- North Memorial Clinic

- Northwest Family Physicians
  Olmsted Medical Group
- Park Nicollet Health Services
- Stillwater Medical Group
- University of Minnesota Physicians

#### Thirty-nine medical groups did not have a discernable pattern over three years.

# Care that is Proven to Work: GETTING BETTER MEASURES

# **Appropriate Testing for Children with Pharyngitis**

#### Appropriate Testing for Children with Pharyngitis (Medical Group Level Results)

This measures the percentage of children ages 2-18 with pharyngitis (sore throats) who were given an antibiotic <u>and</u> a group A streptococcus (strep) test, rather than just an antibiotic for the episode period (July 1 of prior year to June 30 of measurement year).

The statewide rate for Appropriate Testing for Children with Pharyngitis is 88.3 percent. Table 10 displays the details of the 2010 rate. Figure 10 shows the Appropriate Testing for Children with Pharyngitis over time. Since the 2006 report, there has been a steady increase in this rate. Chart 10 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with medical group average (designated by the bold line).

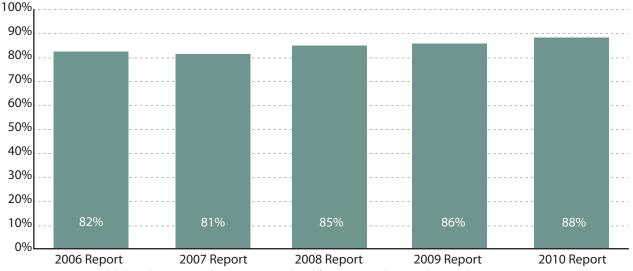
Data collected for this measure are from health plan claims. Note: A higher rate represents better performance (i.e., appropriate testing prior to prescription of an antibiotic).

#### Table 10: Statewide Medical Group Level Rate for Appripriate Testing for Children with Pharyngitis\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Appropriate Testing for Children with Pharyngitis	88.3%	88.0%-88.7%	26,505	30,005

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

#### Figure 10: Statewide Medical Group Level Rate for Appripriate Testing for Children with Pharyngitis Over Time

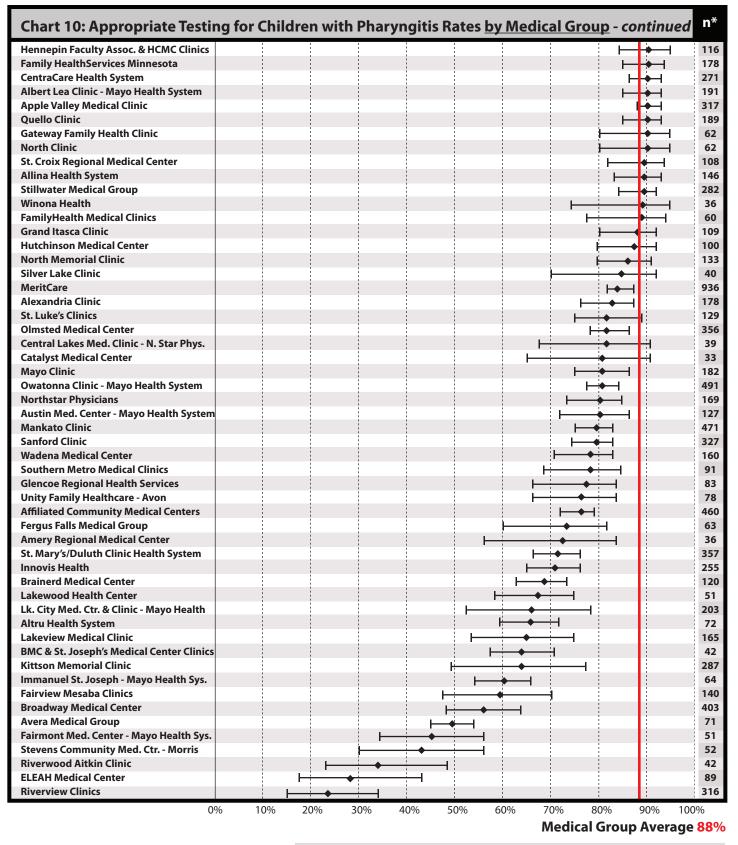


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

	 	-			-			
#Central Pediatrics							F	<b>†</b> 16
Family Practice Med. Center of Willmar								<b>†</b> 5
<sup>#</sup> Dakota Pediatric Clinic		1						<b>+</b> 4
Open Cities Health Center							l <del>i</del>	🔶 З
* MinuteClinic							4	2,4
<sup>#</sup> Southdale Pediatric Associates LTD.							H	2
* Express Healthcare								2
Pediatric & Young Adult Medicine								3
Northeast Pediatric Clinic								1 7
Fridley Children's & Teenagers' Med. Ctr.								1
#Pediatric Services								1
West Side Community Health Services								5
*N. Lights Pediatric & Adolescent Med.								
-								
* Priority Pediatrics Urgent Care								1
University of Minnesota Physicians		 						1
South Lake Pediatrics								3
Parkview Medical Clinic								9
Wayzata Children's Clinic							⊢•I	2
Urgent Care Doctor's Office								1
Cannon Valley Clinic - Mayo Health Sys.							<b>     </b> − →	8
#Eagan Valley Pediatrics							<b>↓                    </b>	1 7
Pediatric and Adolescent Services								1
<sup>#</sup> Partners in Pediatrics				-			l l l l l l l l l l l l l l l l l l l	6
CCMH - Montevideo Clinic							<b>i i → i</b>	9
HealthPartners Central MN Clinics								2
Fremont Community Clinics				-				1
• Westhealth Urgent Care								1
Multicare Associates of the Twin Cities								2
Park Nicollet Health Services							I I I I I I I I I I I I I I I I I I I	1,0
HealthPartners Clinics								1,0
								1
Northwest Family Physicians								1
* Physicians Urgent Care Professional								7
Renville County Hospital and Clinics								4
Ridgeview Clinics		1					H <b></b> I	e
Glenwood Medical Center				1		- F	<b>↓</b>	6
St. Cloud Medical Group								4
HealthEast								3
Aspen Medical Group								4
Emergency Physicians							<b>i i → − i</b>	1
Chaska Urgent Care		1				- i	<b>↓</b> ; ◆	5
Fairview Health Services							. I++-I	1,3
<sup>*</sup> Now Care Medical Centers								1
Foley Medical Center								1 3
<sup>#</sup> Metropolitan Pediatric Specialists								1
Lakeview Clinic, LTD.					1			2
Child's Hosp. Clinics MPLS, St.Paul, TAMS, PACI								5
Suburban Emergency Associates						1		6
Luther Midelfort - Mayo Health System								e
Mille Lacs Clinics								4
Allina Medical Clinic								1,
Paynesville Area Health Care System							H <b>_</b> →	1
#All About Children Pediatrics								4
Western Wisconsin Medical Associates							┠╋┯┥	2
Buffalo Clinic			1				H-i-	2

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

**Getting Better** 



#### **Highest Performers in 2010**

Medical group results showed that an average of 88 percent of children ages 2-18 years who were diagnosed with pharyngitis were appropriately dispensed an antibiotic and received a strep test. **Central Pediatrics, Family Practice Medical Center of Willmar, Dakota Pediatric Clinic** and **Open Cities Health Center** set the benchmark of 100 percent. Forty of 107 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Central Pediatrics
- Family Practice Medical Center of Willmar
- Dakota Pediatric Clinic
- Open Cities Health Center
- MinuteClinic
- Southdale Pediatric Associates Ltd.
- Express HealthCare
- Pediatric and Young Adult Medicine- Children's
   Physician Network
- Northeast Pediatric Clinic
- Fridley Children's & Teenagers' Medical Center- Children's Physician Network
- West Side Community Health Services
- Northern Lights Pediatric and Adolescent Medicine
- Priority Pediatrics Urgent Care
- University of Minnesota Physicians
- South Lake Pediatrics- Children's Physician Network
- Parkview Medical Clinic
- Wayzata Children's Clinic (Affiliated with Children's Physician Network)
- Urgent Care Doctor's Office
- Cannon Valley Clinic- Mayo Heath System

- Eagan Valley Pediatrics
- Pediatric and Adolescent Services
- Partners in Pediatrics- Children's Physician Network
- CCMH-Montevideo Clinic
- HealthPartners Central Minnesota Clinics
- Fremont Community Clinics
- WestHealth Urgent Care
- Multicare Associates of the Twin Cities
- Park Nicollet Health Services
- HealthPartners Clinics
- Northwest Family Physicians
- St. Cloud Medical Group
- HealthEast
- Aspen Medical Group
- Emergency Physicians
- Fairview Health Services
- Now Care Medical Centers
- Metropolitan Pediatric Specialists
- Lakeview Clinic, Ltd.
- Children's Hospital Clinics MPLS, St. Paul, TAMS, PACE
- Allina Medical Clinic

## Biggest Improvement from 2009-2010

The greatest improvements since report year 2009 in Appropriate Testing for Children with Pharyngitis (medical group level) were made by **Fairview Mesaba Clinics, Metropolitan Pediatric Specialists,** and **Mille Lacs Clinics** with each achieving greater than a 23 percentage point increase.

#### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

#### The following eleven medical groups achieved consistently high performance and above average rates over the past three years for Appropriate Testing for Children with Pharyngitis:

- Express HealthCare
- Fairview HealthServices
- HealthEast
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- MinuteClinic

#### Eight medical groups showed consistent improvement over three years:

- Fairview Mesaba Clinics
- Lakeview Clinic, Ltd.
- Mayo Clinic
- MeritCare

#### Four medical groups showed consistent decreases over three years:

- BMC & St. Joseph's Medical Center Clinics
- Riverview Clinics

# Seventeen medical groups had rates that were relatively stable over three years:

- Apple Valley Medical Clinic
- Buffalo Clinic
- Chaska Urgent Care
- Fairview Health Services
- Foley Medical Center
- HealthEast
- HealthPartners Clinics
- MinuteClinic
- Multicare Associate of the Twin Cities

- Northwest Family Physicians
- Priority Pediatrics Urgent Care
- University of Minnesota Physicians
- Urgent Care Doctor's Office
- WestHeatlh Urgent Care
- Metropolitan Pediatric Specialists
- Sanford Clinic
- St. Cloud Medical Group
- Suburban Emergency Physicians
- Southern Metro Medical Clinics Unity Family Healthcare- Avon
- Park Nicollet Health Services
- Priority Pediatrics Urgent Care
- Quello Clinic
- St. Luke's Clinics
- St. Mary's/Duluth Clinic Health System
- Urgent Care Doctor's Office
- Western Wisconsin Medical Associates
- WestHealth Urgent Care

#### Forty medical groups did not have a discernable pattern over three years.

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# Care that is Proven to Work: GETTING BETTER MEASURES

# Avoidance of Antibiotics in the Treatment of Adult Bronchitis

#### Avoidance of Antibiotics in the Treatment of Adult Bronchitis (Medical Group Level Results)

This measures the percentage of adults 18–64 years of age with a diagnosis of acute bronchitis who were <u>not</u> dispensed an antibiotic prescription.

The statewide rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis is 17.9 percent. Table 11 displays the details of the 2010 rate. Figure 11 displays the statewide rates over time. Since last year, rates have stayed stable. Chart 11 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

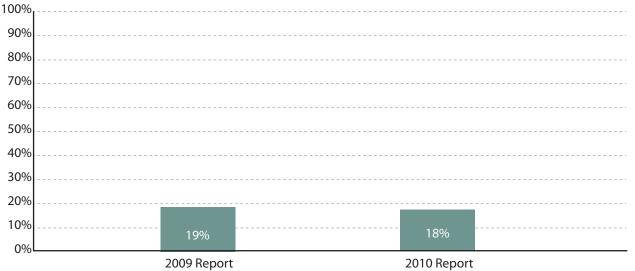
Data collected for this measure are from health plan data claims. Note: A higher rate indicates appropriate treatment of adults with bronchitis (i.e., the proportion for whom antibiotics were <u>not</u> prescribed).

#### Table 11: Statewide Medical Group Level Rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	17.9%	17.4%-18.4%	3,717	20,781

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

#### Figure 11: Statewide Medical Group Level Rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis 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.

Burnsville Family Physicians							+		40
Comm. University Health Care Center				H	•		<u> </u>		34
University of Minnesota Physicians			E F		•				45
* MinuteClinic					•				789
* Express Healthcare				<b>⊢</b> →	<u> </u>				108
* Suburban Emergency Associates			<b>i</b> —	•		<u> </u>			32
* Emergency Physicians				•					69
North Memorial Clinic				•					229
Metropolitan Internists		- E	<u> </u>		<u> </u>				30
Family HealthServices Minnesota			<b>⊢</b> ⊷	-					550
Sanford Clinic				<u> </u>					128
Allina Health System									243
Mayo Clinic		- I I		·	-1				38
* Chaska Urgent Care				<u> </u>					45
Fairview Health Services			i+-I						1,642
Grand Itasca Clinic		- H	•	<u> </u>					46
Cannon Valley Clinic - Mayo Health Sys.			•	<u> </u>					42
Aspen Medical Group			<b>_</b>						403
St. Luke's Clinics		i 🛏	•						95
Open Cities Health Center		H	•						30
* Now Care Medical Centers		⊢	<b>♦</b> -1						586
Altru Health System		<b>—</b>	•						41
Bloomington Lake Clinic, LTD.			•	i					72
CentraCare Health System		- H							107
Unity Family Healthcare - Avon		i		<u> </u>					55
North Clinic		- H							149
HealthPartners Clinics		H	H						950
Avera Medical Group			<u>+</u> 1						139
Stillwater Medical Group		+							78
Owatonna Clinic - Mayo Health System	H	+	1	-1					43
Quello Clinic		+	-i						205
HealthPartners Central MN Clinics		<b></b>	<u>-</u>						148
Alexandria Clinic		· <b>→</b>							161
Northstar Physicians			H						164
Lakeview Clinic, LTD.		<b>⊢</b>	<u></u>						103
Innovis Health			H						193

\* Urgent Care |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

**Getting Better** 

Chart 11: Avoidance of Antibio	tics in the	rreatine		ault bro		by med		<u>up</u> - con	innued	n*
St.Mary's/Duluth Clinic Health System		► <mark>I</mark>								405
Albert Lea Clinic - Mayo Health System	l ⊢••	► <mark>-</mark>								120
Buffalo Clinic	j <b></b> ●	⊢ I								290
Hutchinson Medical Center	<b>⊨</b> →	<b>-</b>			1					191
Ridgeview Clinics	<b>⊢</b>									171
MeritCare	<b>⊢</b> ◆	<b></b>								403
Central Lakes Med. Clinic - N.Star Phys.	► <b>►</b>		-							45
Lk. City Med. Ctr. and Clinic-Mayo Health	<b>⊢</b> ∔		-							45
Allina Medical Clinic	<b>I</b> ♦-I									2,86
HealthEast	<b>⊢</b> .	<b></b> _								113
Parkview Medical Clinic	<b>↓</b>									73
Park Nicollet Health Services	i++i									2,15
Northwest Family Physicians	<b>⊢</b> ♦									176
Immanuel St. Joseph - Mayo Health Sys.	<b>⊢</b> ♦	4								261
BMC & St. Joseph's Medical Center Clinics	<b>↓</b>									99
Affiliated Community Medical Centers										507
Fergus Falls Medical Group	<b>↓</b>									127
St. Croix Regional Medical Center	⊢ ↓	<b></b>								80
Richfield Medical Group										51
Family Practice Med. Center of Willmar	<b>—</b>	i								52
France Avenue Family Physicians	<b>↓</b>	— <b>—</b>								94
Edina Family Physicians										211
Olmsted Medical Center	<b>⊢</b>	4								140
St. Cloud Medical Group	I.									518
CCHM - Montevideo Clinic	<b>⊢</b>									36
Physicians Urgent Care Professional	<b></b>	-								74
Lakeview Medical Clinic	<b>⊢</b>									41
Southern Metro Medical Clinics	<b> </b>	4								64
Stevens Comm. Medical Center - Morris	•									33
Wadena Medical Center	<b>⊢ → →</b>									119
Mankato Clinic	<b>H</b>									253
Brainered Medical Clinic										93
	<b></b>									84
Dr. Bobby K. Yang Medical Clinic	•									35
Broadway Medical Center	· · · ·									33
09	6 10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
	Medical G	= = / =			20/0	00/0	, 0 /0	00/0	20/0	100/0

#### **Highest Performers in 2010**

Medical group results showed that an average of 18 percent of adults ages 18-64 who were diagnosed with acute bronchitis were appropriately treated and <u>not</u> prescribed an antibiotic. **Burnsville Family Physicians** set the benchmark of 60 percent. Twelve of 70 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Burnsville Family Physicians
- Community University Health Care Center
- University of Minnesota Physicians
- MinuteClinic
- Express HealthCare
- Suburban Emergency Associates
- Emergency Physicians
- North Memorial Clinic
- Family HealthServices Minnesota
- Sanford Clinic
- Allina Health System
- Fairview Health Services

#### **Biggest Improvement from 2009-2010**

The greatest improvements since report year 2009 in Avoidance of Antibiotics in the Treatment of Adult Bronchitis (medical group level) were made by **Burnsville Family Physicians** and **University of Minnesota Physicians** with each achieving greater than a 13 percentage point increase.

#### Medical Group Performance Over Time (2008-2010)

Not applicable.

99

# Care that is Proven to Work: STAYING HEALTHY MEASURES

# **Breast Cancer Screening**

#### Breast Cancer Screening (Medical Group Level Results)

This measures the percentage of women ages 52-69 who received a mammogram in the prior two years (the measurement year or prior year).

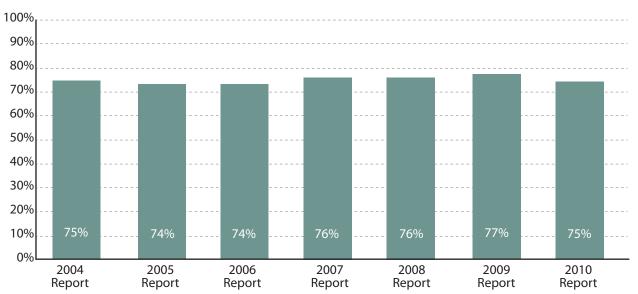
The statewide rate for Breast Cancer Screening is 75.0 percent. Table 12 displays the details of the 2010 rate. Figure 12 shows the Breast Cancer Screening rate over time. Since the 2004 report, this rate has stayed relatively stable. Chart 12 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

Data for this measure are collected from health plan claims.

#### Table 12: Statewide Medical Group Level Rate for Breast Cancer Screening\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Breast Cancer Screening	75.0%	74.8%-75.2%	158,283	211,141

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.



#### Figure 12: Statewide Medical Group Level Rates for Breast Cancer Screening

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.

Chart 12:	Breast Ca	ancer S	creeni	ng <u>by</u>	Medi	cal Gr	oup		n*
A Paul Larson OB/GYN Clinic								⊢∙⊣	414
Northland OB/GYN Associates								<b>⊢</b>	61
Western OB/GYN								i <u>⊢</u> ♦ – I	20
Adult Medicine, PA								<b>⊢</b> ∔♦—1	113
John A. Haugen Associates								I-i+-I	300
Obstetrics & Gynecology West								<b>⊢</b> ∳–1	27
Clinic Sofia OB/GYN								┝──┿┨	15
Partners OB/GYN								<b>⊢</b> ,	33
HealthPartners Central MN Clinics								H∳I	1,05
HealthPartners Clinics								<b>*</b>	19,3
New Spirit Women's Clinic								⊢	20
Edina Family Physicians								H	1,11
Red Cedar Med. Ctr Mayo Health Systen	n						ŀ	<b>→</b>	10
Diamond Women's Center								<b>⊢</b> →∔I	258
Southdale OB/GYN Consultants								⊢+i	458
Obstetrics, GYN & Infertility								<b>⊢</b> ♦	24(
Lakeview Medical Clinic								<b>⊢</b> → <u>+</u> 1	18
Obstetrics & Gynecology Associates								<b>⊢</b> ≁i	442
Advanced Specialty Care of Women									39
Southdale Internal Medicine									219
Comprehensive HealthCare for Women							. ⊢ ÷	<b></b>	60
Oakdale OB/GYN								<b>⊢</b> • - i	260
CentraCare Health System								l <b>♦</b> I	2,49
Mayo Clinic								<b>⊢</b> ♦I	1,77
Sharpe Dillon Cockson & Associates, PA								<b>⊢_</b> ♦-1	512
Riverwood Aitkin Clinic								<b>⊢</b>	34
Gundersen Clinic								⊢_ <b>∔</b>	782
Park Nicollet Health Services								H	15,3
Quello Clinic								H+H	1,37
Luther Midelfort - Mayo Health System							}		190
CCMH - Montevideo Clinic							-		26
Alexandria Clinic							[	<b>I</b> ♦—1	879
Cannon Valley Clinic- Mayo Health Sys.							ļ.		26
Metropolitan OB & GYN							ļ.	- <b>-</b>	22
Dawson Clinic								<b></b>	90
Women's Health Consultants							, i i i i i i i i i i i i i i i i i i i		160
Consultants Internal Medicine							- F		303
Bloomington Lake Clinic, Ltd.							1	<b></b>	64
Sawtooth Mountain Clinic								•	15
Adefris & Toppin Women's Specialists									62
North Clinic								I <b>◆</b> -I	1,98
Meeker Memorial Clinic								•	48
Olmsted Medical Center								₩.	1,47
Sanford Clinic								l✦I	2,56
Catalyst Medical Clinic								•1	10
Edina Sports Health & Wellness								•	410
FamilyHealth Medical Clinics								•	30
Affiliated Community Medical Centers									3,60
Metropolitan Internists							L		28
Allina Health System								► I	2,60
Owatonna Clinic - Mayo Health System							1	►1	1,09
Family Practice Med. Center of Willmar								◆-	41
Fergus Falls Medical Group								<b>▼</b> -1 ✦	79
i cigus i ans meultaí Givup	1		1	1	1		; F	▼ 1	19

Chart 12: Breast (	Canc	er Sci	reenin	g Rate	es <u>by N</u>	<u>Aedica</u>	al Group	- continue	d n
Mankato Clinic									2,9
Lk. City Med. Ctr. and Clinic- Mayo Healt	h							⊨ ⊢ <mark>∙</mark> ∙-1	27
Clearwater Health Services									10
Sleepy Eye Medical Center									81
Immanuel St. Joseph - Mayo Health Sys.								i H <mark></mark> H	2,0
HealthEast								l IN	3,9
MeritCare								HN I	4,6
Multicare Associates of the Twin Cities				i i				i H <mark></mark> ≯	1,2
Allina Medical Clinic								} <mark>}</mark> H	18,4
Brainerd Medical Center OB/GYN									62
Grand Itasca Clinic								E F∳H	76
Aspen Medical Group								i H <mark>i</mark> ∙H	3,5
Altru Health System				1				i Hind	1,19
Murray County Clinic									18
ELEAH Medical Center				1					13
Northwest Family Physicians								⊢•H	95
Metropolitan Medical Associates									21
Central Lakes Med. Clinic - N. Star Phys.									49
St. Luke's Clinics								⊢ → H	1,50
Hennepin Faculty Assoc. & HCMC Clinics								⊢•H	1,0
Lakeview Clinic, Ltd.								⊢∳-I	1,6
Stevens Community Med. Ctr Morris									16
Kittson Memorial Clinic								j <b></b> ∣	95
St. Mary's/Duluth Clinic Health System								H	3,3
Buffalo Clinic								<b>I →</b> H	1,20
Burnsville Family Physicians				i i				<b>⊢</b> ⊷ <mark>⊢</mark>	55
AALFA								<b>⊢</b>	12
Avera Medical Group								<b>⊢</b> ⊷–I	1,7
Fairview Health Services								M	13,1
St. Croix Regional Medical Center								<b>⊢</b> → <mark>-</mark> 1	61
Fairmont Med. Center - Mayo Health Sys								<b>⊢</b> → <mark>-</mark> 1	45
Paynesville Area Health Care System	-							i <b>⊢</b> ••• <mark> </mark> 1	39
Silver Lake Clinic							E F		85
Osceola Medical Center									23
St. Cloud Medical Group								i iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	1,8
Northstar Physicians									1,2
Fairview Mesaba Clinics									42
United Hospital District Clinics									21
North Memorial Clinic						1		. I∳H	2,70
Hutchinson Medical Center									91
Southern Metro Medical Clinics									33
Western Wisconsin Medical Associates								<b>⊢</b> +⊢	1,50
Scenic Rivers Health Services									1,5
Baldwin Area Medical Center									15
Family HealthServices Minnesota							ľ	H+I	5,39
Glenwood Medical Center									17
Winona Health									54
Lakewood Health Center									38
Innovis Health									1,2
BMC & St. Joseph's Med. Center Clinics									1,20
NorthPoint Health and Wellness Center									71
	-	4		i 	1				
	0%	10%	20%	30%	40%	50%	60% 7	0% 80%	90% 100%

Chart 12: Breast C	Cancer	Scree	ning <u>b</u>	y Med	dical G	roup - c	ontinued	n*
Stillwater Medical Group							♦ –	3,13
Richfield Medical Group								239
Comm. University Health Care Center							<b>↓</b>	180
Amery Regional Medical Center								278
Parkview Medical Center								171
France Avenue Family Physicans							<b>→</b>	320
Lakewood Health Center						- i I		72
Lac Qui Parle Clinic								72
University of Minnesota Physicians								1,08
Broadway Medical Center						1		565
Unity Family Healthcare - Avon						E E		142
Barnesville Area Clinic								47
Ridgeview Clinics								1,16
SuperiorHealth Center								305
Riverview Clinics						L		172
Glencoe Regional Health Services								361
Renville County Hospital and Clinics								117
Albert Lea Clinic - Mayo Health System								922
Mille Lacs Clinics								273
Gateway Family Health Clinic						F		512
Lake View Clinic - Two Harbors								93
								93
Valley Family Practice								
Appleton Area Health Services								33
Mid Minnesota Family Medicine Center								95
Apple Valley Medical Clinic								1,15
First Care Medical Services								69
Fremont Community Clinics								89
Austin Med. Center- Mayo Health System								1,17
Franciscan Skemp- Mayo Health System								203
Sibley Medical Center								118
Family Medicine of Winona								187
* WestHealth Urgent Care								159
United Family Medicine								353
* Express HealthCare					l l			63
Cannon Falls Med. Ctr Mayo Health Sys.								122
Riverside Family Physicians						•		157
Healing Spirit Clinic						•		48
Hendricks Clinic						•		76
Williams IntegraCare Clinic						<b></b>	<u>+</u>	134
Parkway Family Physicians						•		157
Arcade Medical Center						+		84
Foley Medical Center						•	-	123
Wadena Medical Center					F	<b></b>		440
Now Care Medical Centers								366
* MinuteClinic						↓ 1		566
West Side Community Health Services					H	↓		116
Open Cities Health Center					+	-		130
Cedar Riverside People's Center		H	•		<b>—</b>			31
0%	10%	20%	30%	40%	50%	60% Me	70% 80%	90% 100%

∧ OB/GYN \* Urgent Care |------ Lower Confidence Level/Upper Confidence Level n\*= sample size

#### **Highest Performers in 2010**

Medical group level results showed that an average of 81 percent of women ages 52-69 had a mammogram. **Paul Larson OB/GYN Clinic** set the benchmark of 97 percent. Thirty-one out of 152 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Paul Larson OB/GYN Clinic
- Northland OB/GYN Associates
- Western OB/GYN
- Adult Medicine, PA
- John A. Haugen Associates
- Obsterics & Gynecology West
- Clinic Sofia OB/GYN
- Partners OB/GYN
- HeathPartners Central Minnesota Clinics
- HealthPartners Clinics
- New Spirit Women's Clinic
- Edina Family Physicians
- Diamond Women's Center
- Southdale OB/GYN Consultants
- Obsterics, Gyn & Infertility
- Lakeview Medical Clinic

- Obsterics & Gynecology Associates
- Southdale Internal Medicine
- Oakdale OB/GYN
- CentraCare Health System
- Mayo Clinic
- Sharpe Dillon Cockson & Associates PA
- Riverwood Atikin Clinic
- Gunderson Clinic
- Park Nicollet Health Services
- Quello Clinic
- Alexandria Clinic
- North Clinic
- Olmsted Medical Center
- Sanford Clinic
- Affiliated Community Medical Centers

#### **Biggest Improvement from 2009-2010**

The greatest improvements since report year 2009 in Breast Cancer Screening (medical group level) were made by **Kittson Memorial Clinic** achieving greater than an 8 percentage point increase.

#### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

#### The following sixteen medical groups achieved consistently high performance and above average rates over the past three years for Breast Cancer Screening:

- CentraCare Health System
- Clinic Sofia OB/GYN
- Diamond Women's Center
- Edina Family Physicians
- Gundersen Clinic
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- John A. Haugen Associates

- Mayo Clinic
- North Clinic
- Obstetrics & Gynecology Associates
- Olmsted Medical Center
- Park Nicollet HealthServices
- Paul Larson OB/GYN Clinic
- Southdale OB/GYN Consultants
- Western OB/GYN

#### Three medical groups showed consistent improvement over three years:

- AALFA
- Kittson Memorial Clinic
- MidMinnesota Family Medicine Center

#### Seven groups showed consistent decreases over three years:

- Central Lakes Medical Clinic Northstar Physicians
- Foley Medical Center
- Graceville Health Center Clinic
- Grand Itasca Clinic
- Riverside Family Physicians
- Wadena Medical Center
- Winona Health

#### Twenty-four medical groups had rates that were relatively stable over three years:

- Affiliated Community Medical Centers
- Allina Medical Clinic
- Altru Health System
- Amery Regional Medical Center
- Avera Health/Avera Tri-State
- Buffalo Clinic
- CentraCare Health System
- Edina Family Physicians
- Edina Sports Health & Wellness
- HealthEast
- HealthPartners Clinics
- John A. Haugen Associates

- Mavo Clinic
- Multicare Associates of the Twin Cities
- North Memorial Clinic
- Northstar Physicians
- Northwest Family Physicians
- Park Nicollet Health Services
- Paul Larson OB/GYN Clinic
- Ridgeview Clinics
- Sanford Clinics
- Silver Lake Clinic
- St.Mary's/Duluth Clinic Health System
- Western Wisconsin Medical Associates

#### Sixty-seven medical groups did not have a discernable pattern over three years.

# Care that is Proven to Work: STAYING HEALTHY MEASURES

# **Cervical Cancer Screening**

#### Cervical Cancer Screening (Medical Group Level Results)

This measures the percentage of women ages 24-64 who received one or more Pap tests to screen for cervical cancer in the measurement year or the two years prior. For patients who are publicly insured through Minnesota Health Care Programs, the continuous enrollment requirement is one year.

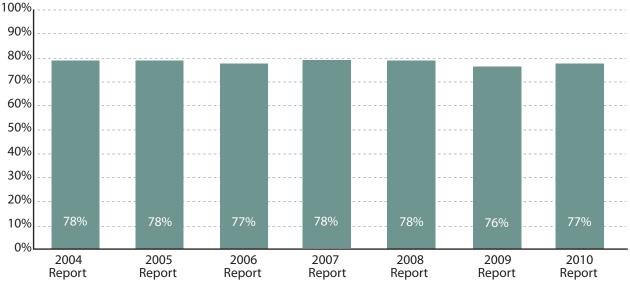
The statewide rate for Cervical Cancer Screening is 77.0 percent. Table 13 displays the details of the 2010 rate. Figure 13 shows the Cervical Cancer Screening rate over time. Since the 2004 report, the rate has slightly decreased. Chart 13 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

Data for this measure are collected from health plan claims.

#### Table 13: Statewide Medical Group Level Rate for Cervical Cancer Screening\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Cervical Cancer Screening	77.0%	76.8%-77.1%	266,170	346,024

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.



#### Figure 13: Statewide Medical Group Level Rates for Cervical 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.

^ Southdale OB/GYN Consultants				<b>K</b>	996
^ Clinic Sofia OB/GYN				H	
A Paul Larson OB/GYN Clinic				•	
Advanced Specialty Care for Women					
^ Diamond Women's Center				•	584
^ Adefris & Toppin Women's Specialists				<b>⊢</b> •I	246
^ Obstetrics, Gyn & Infertility				M	762
^ Women's Health Consultants				l ♦I	534
A Metropolitan OB & GYN				<b>I</b>	583
^ Western OB/GYN				H	564
∧ Obstetrics & Gynecology West				<b>⊢</b> ●	710
^ Obstetrics & Gynecology Associates				14	1,19
^ John A. Haugen Associates				H	790
^ Partners OB/GYN				⊢♦I	779
^ Oakdale OB/GYN				⊢◆I	826
Adult Medicine, PA				i i i i i i i i i i i i i i i i i i i	108
^ Comprehensive Healthcare for Women				<b>⊢</b>	209
^ Northland OB-GYN Associates					169
Edina Family Physicians				H	1,35
Family Tree Clinic					43
Edina Sports Health & Wellness					585
Dawson Clinic			-		119
Burnsville Family Physicians				<b>⊢</b> ♦−1	746
Sharpe Dillon Cockson & Assoc. PA.					431
Family Practice Med. Center of Willmar				<b>⊢</b> •-1	668
France Avenue Family Physicans				<b>⊢♦</b> −1	460
Quello Clinic				H♦I	2,11
CentraCare Health System					4,30
Park Nicollet Health Services				W	25,24
Buffalo Clinic				H	2,43
HealthPartners Clinics				•	36,86
A Brainerd Medical Center OB/GYN				H+H	979
Sanford Clinic					5,12
Lakeview Clinic, LTD.					2,41
Planned Parenthood of MN, ND, SD					400
Riverside Family Physicians					209
Mankato Clinic					4,61
Avera Medical Group					2,72
HealthPartners Central MN Clinics				<b>◆</b>	2,09
St. Cloud Medical Group				•	2,09
North Clinic				•	2,93
0% 109	% 20% 30%	% 40% 50%	60% 70% 80		,

\* Urgent Care ^ OB/GYN - Lower Confidence Level/Upper Confidence Level n\* = sample size

Chaska Urgent care	1							102
								1,18
Alexandria Clinic Red Cedar Med. Ctr Mayo Health Sy	ratio m							1,10
Fairview Health Services	stem							21,73
Aspen Medical Group								5,56
Silver Lake Clinic								1,12
Affiliated Community Medical Cente	are a							5,39
Western Wisconsin Medical Associat								2,72
Bloomington Lake Clinic, LTD.	.es							787
Allina Medical Clinic								29,63
Lakewood Health Center								29,03
Stevens Community Med. Ctr Morr	ric .							228
Parkway Family Physicians	13							195
Glencoe Regional Health Services								566
Comm. University Health Care Cente	ar l							567
Altru Health System	-							1,72
Multicare Associates of the Twin Citi	95							1,72
MeritCare								6,98
Northwest Family Physicians								1,41
Wheaton Community Medical Ctr. Cl	linic							46
HealthEast								5,90
Cannon Valley Clinic- Mayo Health S	vs.							489
Owatonna Clinic - Mayo Health Syste								1,51
FamilyHealth Medical Clinics								581
Stillwater Medical Group							⊢♦I	5,11
Parkview Medical Group								256
Allina Health System							H I	4,64
Luther Midelfort - Mayo Health Syste	em							284
AALFA								244
Ridgeview Clinics								1,65
Innovis Health							L-41	2,01
Renville County Hospital and Clinics								170
Osceola Medical Center								407
Gundersen Clinic								1,01
Baldwin Area Medical Center								260
Healing Spirit Clinic								72
Winona Health								900
Apple Valley Medical Clinic								1,68
North Memorial Clinic							i i i i i i i i i i i i i i i i i i i	3,94
First Care Medical Services								104
	0% 1	0% 20%	30%	40%	50%	60%	70% 80% 90%	100%

\* Urgent Care ^ OB/GYN |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

Metropolitan Internists				H			24
WestHealth Urgent Care				E F			31
Southern Metro Medical Clinics							53
Hennepin Faculty Assoc. & HCMC Clinics					<b>⊢</b> ♦I		2,4
Lakeview Medical Clinics				E F			29
Northstar Physicians					- H+i -		1,9
St. Croix Regional Medical Center					⊢+i I		82
United Family Medicine					<b>I</b>		82
SuperiorHealth Center				E F			37
Riverview Clinics				E F			36
Southdale Internal Medicine							19
Central Lakes Med. Clinic-N.Star Phys.							63
Metropolitan Medical Associates							19
CCMH- Montevideo Clinic				Ľ –			31
University of Minnesota Physicians					T∳-E		2,5
Immanuel St. Joseph - Mayo Health Sys.				1	H+-I		2,9
St.Mary's/Duluth Clinic Health System					<b>I</b> ♦I		4,8
Richfield Medical Group							26
Family HealthServices Minnesota							7,0
Olmsted Medical Center							2,5
Mid Minnesota Family Med. Center				F			34
Lac Qui Parle Clinic						-	6
Williams IntegraCare Clinic				· _			20
Grand Itasca Clinic				с і н			64
Consultants Internal Medicine							27
Cannon Falls Med. Ctr Mayo Health Sys.				· · ·			15
Mayo Clinic					н <del>н</del> П		2,3
Fremont Community Clinics				Ē			47
Riverwood Aitkin Clinic					<b>•</b>		58
Fairview Mesaba Clinics					- <b>-</b>		72
Paynesville Area Health Care system							64
Sawtooth Mountain Clinic							19
Austin Med. Center- Mayo Health System							1,7
							74
Broadway Medical Center							11
Valley Family Practice							13
New Spirit Women's Clinic							9
Sleepy Eye Medical Center							
Scenic River Health Services							10
Unity Family Healthcare - Avon							
Catalyst Medical Clinic							10
Southside Community Health Services	 		1		◆		12

\* Urgent Care ^ OB/GYN |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

Chart13: Cervical Car	ncer Sci	reenin	g Rat	es <u>by N</u>	Medical C	<u>Group</u> - co	ontinu	ed	n*
Fergus Falls Medical Group						<b>⊢</b>			1,121
Clearwater Health Services							<u> </u>		130
Glenwood Medical Center						<b>⊢</b>			216
Amery Regional Medical Center						<b>⊢</b> ◆			433
Franciscan Skemp - Mayo Health System						<b>⊢</b> ◆			303
* MinuteClinic						⊢◆	4		1,611
NorthPoint Health & Wellness Center						<b>I</b> +			372
Foley Medical Center									214
Meeker Memorial Clinic						Le-			68
Fairmont Med. Center - Mayo Health Sys.						<b>L</b> .	4 H L		661
Lk. City Med. Ctr. & Clinic - Mayo Health						<b>⊢</b>			343
St. Luke's Clinic									1,924
ELEAH Medical Center									169
West Side Community Health Services				1					476
Mille Lacs Clinics							4		410
United Hospital District Clinics									275
* Physicians Urgent Care Professional									54
Hutchinson Medical Center						<b>I</b>			1,487
Appleton Area Health SErvices									35
Sibley Medical Center									162
Family Medicine of Winona									320
BMC & St. Joseph's Med. Center Clinics									1,441
Indian Health Board of Minneapolis									79
Lakewood Health Center									105
* Now Care Medical Centers									819
Albert Lea Clinic - Mayo Health System									1,419
* Express HealthCare									169
Murray County Clinic									229
Gateway Family Health Clinic									724
Wadena Medical Center									
Open Cities Health Center									758 445
Kittson Memorial Clinic									114
Hendricks Clinic									114
Lake View Clinic - Two Harbors									100
St. Paul Family Medical Center									88
Barnesville Area Clinic									57
Cedar Riverside People's Center									151
Arcade Medical Center									93
Johnson Street Clinic				_		l I			81
Dr. Bobby K. Yang Medical Clinic					1	1		1	56
0%	10%	20%	30%	40%	50% 60	0% 70%	80%	90%	100%
						Medical	Group A	verage	82%
		¥	- 4						

\* Urgent Care \land OB/GYN |------ Lower Confidence Level/Upper Confidence Level n\* = sample size

# Performance Highlights - Medical Group Level Results

## **Highest Performers in 2010**

Medical group level results showed that an average of 82 percent of women ages 24-64 had a Pap test in the last three years. **Southdale OB/GYN Consultants** set the benchmark of 86 percent. Thirty-eight of 162 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Southdale OB/GYN Consultants
- Clinic Sofia OB/GYN
- Paul Larson OB/GYN Clinic
- Advanced Speciality Care for Women
- Diamond Women's Center
- Adeferis & Toppin Women's Specialists
- Obstetrics, Gyn & Infertility
- Women's Health Consultants
- Metropolitan OB/GYN
- Western OB/GYN
- Obstetrics & Gynecology West
- Obstetrics & Gynecology Associates
- Partners OB/GYN
- Oakdale OB/GYN
- Adult Medicine, PA
- Comprehensive HealthCare for Women
- Northland OB/GYN Associates
- Edina Family Physicians
- Edina Sports Health & Wellness

- Burnsville Family Physicians
- Sharpe Dillon Cockson & Associates PA
- Family Practice Medical Center of Willmar
- France Avenue Family Physicians
- Quello Clinic
- CentraCare Health System
- Park Nicollet Health Services
- Buffalo Clinic
- HealthPartners Clinics
- Brainerd Medical Center OB/GYN
- Sanford Clinic
- Lakeview Clinic, Ltd.
- Mankato Clinic
- Avera Medical Group
- HealthPartners Central Minnesota
- St. Cloud Medical Group
- North Clinic
- Fairview Health Services

## Biggest Improvement from 2009-2010

The greatest improvement since report year 2009 in Cervical Cancer Screening (medical group level) was made by **First Care Medical Services** with a 15 percentage point increase.

# **Performance Highlights - Medical Group Level Results**

## Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

#### The following twenty-five medical groups achieved <u>consistently high performance and above average rates</u> <u>over the past three years</u> for Cervical Cancer Screening:

- Adeferis & Toppin Women's
   Specialists
- Advanced Speciality Care for Women
- Burnsville Family Physicians
- CentraCare Health System
- Clinic Sofia OB/GYN
- Comprehensive HealthCare for Women
- Diamond Women's Center

- Edina Family Physicians
- Fairview Health Services
- HealthPartners Clinics
- John A. Haugen Assoc.
- Metropolitan OB/GYN
- North Clinic
- Northland OB/GYN Assoc.
- Oakdale OB/GYN
- Obstetrics & Gynecology Associates

- Obstetrics & Gynecology West
- Obstetrics, Gyn & Infertility
- Park Nicollet Health Services
- Partners OB/GYN
- Paul Larson OB/GYN Clinic
- Quello Clinic
- Southdale OB/GYN Consultants
- Western OB/GYN
- Women's Health Consultants

#### One medical group showed consistent improvement over three years:

Mid Minnesota Family Medicine Center

#### Five medical groups showed <u>consistent decreases over three years:</u>

- Catalyst Medical Clinic
- Graceville Health Center Clinic
- Osceola Medical Center
- Unity Family Healthcare Avon
- Wadena Medical Center

### Twenty -five medical groups had rates that were <u>relatively stable over three years:</u>

- Baldwin Area Medican Center
- Cedar Riverside People's Center
- Clinic Sofia OB/GYN
- Diamond Women's Center
- Fairview Health Services
- HealthPartners Clinic
- John A. Haugen Associates
- Lakeview Clinic, Ltd.
- Metropolitan Medical Associates
- Metropolitan OB/GYN
- MinuteClinic
- Multicare Associates of the Twin Cities
- North Clinic

- Oakdale OB/GYN
- Obsetrics & Gynecology West
- Obsetrics, GYN & Infertility
- Park Nicollet Health Services
- Richfield Medical Group
- Sanford Clinic
- Southdale OB/GYN Consultants
- St. Croix Regional Medical Center
- St. Luke's Clinics
- Stillwater Medical Group
- Western OB/GYN
- Women's Heatlh Consultants

#### Eighty medical groups did not have a discernable pattern over three years.

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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## **Colorectal Cancer Screening**

### Colorectal Cancer Screening (Medical Group Level Results)

This measures the percentage of adults ages 51-75 who had appropriate screening for colorectal cancer in the measurement year and prior year.

The statewide rate for Colorectal Cancer Screening is 66.0 percent. Table 14 displays the details of the 2010 rate. Chart 14 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

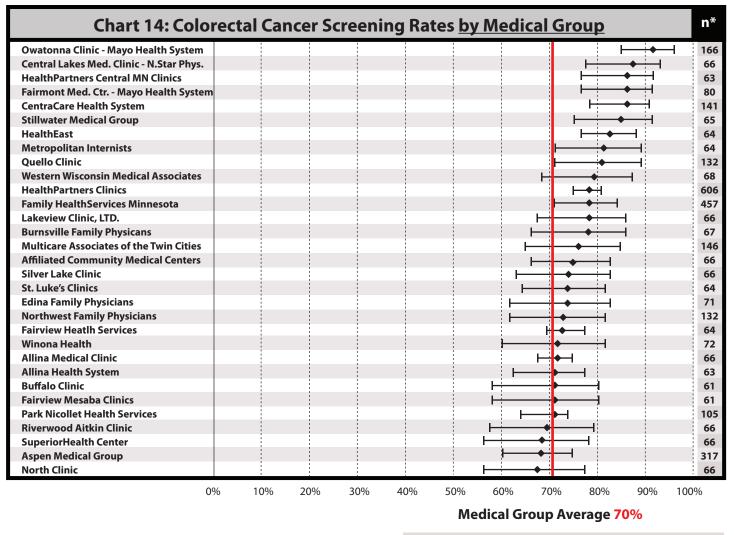
Data for this measure are collected from health plan claims and medical record review.

#### Table 14: Statewide Medical Group Level Rate for Colorectal Cancer Screening

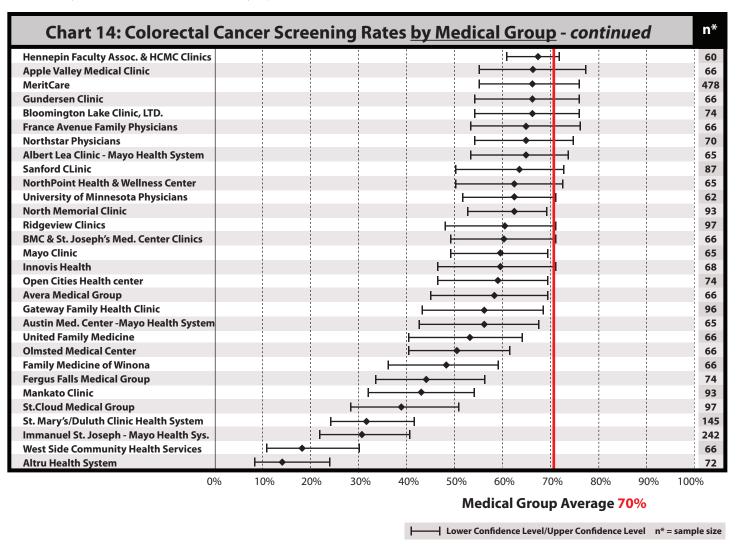
	Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible	
Colorectal Cancer Screening	66.0%	65.0%-67.0%	4,678	8,303	244,771	

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

No trend chart. Measurement specifications changed since last year.



Lower Confidence Level/Upper Confidence Level n\* = sample size



# Performance Highlights - Medical Group Level Results

### **Highest Performers in 2010**

Medical group level results showed that an average of 70 percent of patients ages 51-75 had appropriate screening for colorectal cancer. **Owatonna Clinic- Mayo Health System** set the benchmark of 92 percent. Eleven of 61 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Owatonna Clinic-Mayo Health System
- Central Lakes Medical Clinic- Northstar Physician
- HealthPartners Central Minnesota Clinics
- Fairmont Medical Center- Mayo Health System
- CentraCare Health System
- Stillwater Medical Group
- HealthEast
- Metropolitan Internists
- Quello Clinic
- HealthPartners
- Family HealthServices Minnesota

## **Biggest Improvement from 2009-2010**

Not applicable.

## Medical Group Performance Over Time (2008-2010)

Not applicable.

# Care that is Proven to Work: STAYING HEALTHY MEASURES

# **Cancer Screening Combined (Ages 51-75)**

#### Cancer Screening Combined (Ages 51-75) (Medical Group Level Results)

This measures the percentage of adults ages 51-75 who received appropriate cancer screening services (breast, cervical, colorectal). A patient must be up-to-date for all three components to be considered up-to-date for this measure.

The statewide rate for Cancer Screening Combined is 54.6 percent. Table 15 displays the details of the 2010 rate. Chart 15 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

#### Data for this measure are collected from health plan claims and medical record review.

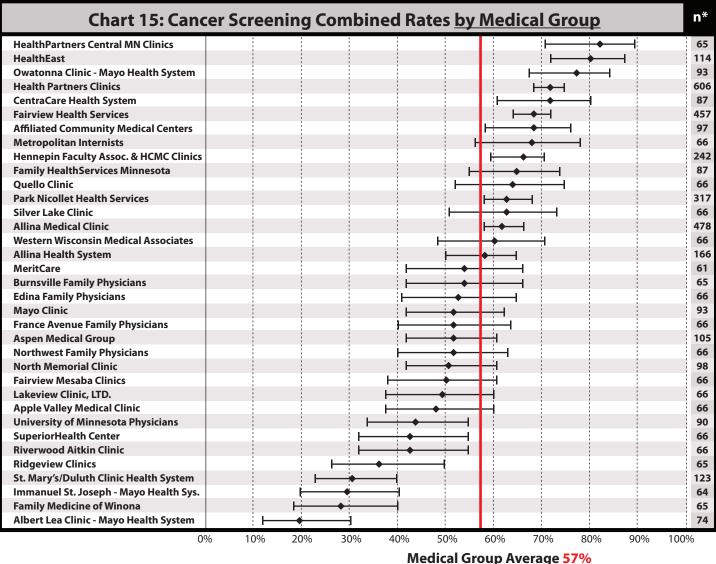
(Note: Males only need to be up-to-date for the colorectal cancer screening component to be considered up-to-date for the Cancer Screening Combined measure. Women 65-75 are considered up-to-date for the cervical cancer screening component; women 70-75 are considered up-to-date for the breast cancer screening component.)

#### Table 15: Statewide Medical Group Level Rate for Cancer Screening Combined\*

	Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible	
Cancer Screening Combined	54.6%	53.5%-55.8%	3,619	7,257	259,699	
						-

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

No trend chart. Measurement specifications changed since last year.



Lower Confidence Level/Upper Confidence Level n\* = sample size

## Performance Highlights - Medical Group Level Results

### **Highest Performers in 2010**

Medical group level results showed that an average of 57 percent of patients ages 51-75 had appropriate cancer screening services (breast, cervical and colorectal). **HealthPartners Central Minnesota Clinics** set the benchmark of 82 percent. Ten of 35 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- HealthPartners Central Minnesota Clinics
- HealthEast
- Owatonna Clinic Mayo Health System
- HealthPartners Clinics
- CentraCare Health System
- Fairview Health Services
- Affiliated Community Medical Centers
- Hennepin Faculty Associates & HCMC Clinics
- Park Nicollet Health Services
- Allina Medical Clinic

### **Biggest Improvement from 2009-2010**

Not applicable.

### Medical Group Performance Over Time (2008-2010)

Not applicable.

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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## **Chlamydia Screening in Women**

### Chlamydia Screening in Women (Medical Group Level Results)

This measures the percentage of sexually active women aged 16-24 who had at least one test for Chlamydia during the measurement year.

The statewide rate for Chlamydia Screening is 49.0 percent. Table 16 displays the details of the 2010 rate. Figure 16 displays the statewide rates over time. Since last year, there has been an increase for this rate. Chart 16 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

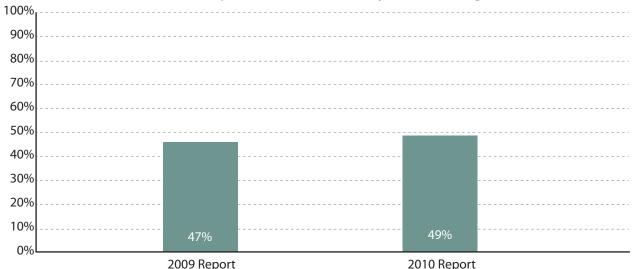
The data for this measure are collected from health plan claims.

#### Table 16: Statewide Medical Group Level Rate for Chlamydia Screening in Women\*

	Statewide Average	95% Cl	Numerator (Patients who met treatment goals)	Denominator
Chlamydia Screening	49.0%	48.5%-49.4%	28,592	58,411

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

#### Figure 16: Statewide Medical Group Level Rate for Chlamydia Screening in Women 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.

Chart 16: Chlamydia Scr	eening	g in Wo	men Rate	s - Age	es 16-24	by Medic	al Group	n*
NorthPoint Health and Wellness Center							<b>→</b>	200
Face to Face Health & Counseling						I	<b>→</b>	11
Clinic Sofia OB/GYN						<b>I</b>	• 1	42
Fremont Community Clinics						· · · •		19
Hennepin Faculty Assoc. & HCMC Clinics								38
HealthPartners Clinics						<b> </b> ♦		5,9
Open Cities Health Center					F	•	1	11
Family Tree Clinic					<b>⊢</b>	•	-	40
United Family Medicine					Ļ į			15
A Partners OB/GYN						+ ↓ ↓		13
Family Practice Med. Center of Willmar								12
Quello Clinic					▶ ► →	-		35
Allina Medical Clinic					H			5,60
Lakeview Clinic, LTD.								42
University of Minnesota Physicians								594
Western OB/GYN				H	•			75
Comprehensive Healthcare for Women					•			33
Obstetrics & Gynecology Associates				ŀ	•	1		15
Paul Larson OB/GYN Clinic					•	-		96
Renville County Hospital and Clinics					•			41
Fairview Health Services					<b>⊢</b> ♦I			3,57
Southside Community Health Services					•	i		38
Child's Hosp. Clinics MPLS, St. Paul, TAMS, PACE					<b>→</b>			39
Park Nicollet Health Services					<b>⊢</b> +I			3,9
Mille Lacs Clinics			1		•			51
Comm. University Health Care Center					<b></b>			54
HealthPartners Central MN Clinics				H	<b></b> 1			38
North Memorial Clinic					<b></b>			58
Southdale OB/GYN Consultants					<b>•</b>			15
HealthEast				·				83
Planned Parenthood of MN, ND, SD				H	<b>.</b>			63
Northwest Family Physicians					• · · · · ·			25
Franciscan Skemp - Mayo Health System				· · ·	•	4		69
Aspen Medical Group				ŀ	<b>→</b>			89
St. Croix Regional Medical Center					· · ·			13
Women's Health Consultants				L				85
Affiliated Community Medical Centers				H	<b>-</b>			98
Grand Itasca Clinic								25
Obstetrics & Gynecology West				· · ·				13
CentraCare Health System				–				72
Glencoe Regional Health Services								13
Fairview Mesaba Clinics				<b>—</b>				13
Albert Lea Clinic - Mayo Health System								27
Mid Minnesota Family Medicine Center								10
Luther Midelfort - Mayo Health System								84
France Avenue Family Physicians								52
New Spirit Women's Clinic								50
Stillwater Medical Group								74
Mayo Clinic								28
Dr. Bobby K. Yang Medical Clinic			L					6
0%	10%	20%	30% 4	0% 5	0% 60%	70%	80% 90%	100%

∧OB/GYN \*Urgent Care #Pediatric ⊢ Lower Confidence Level/Upper Confidence Level n\* = sample size

\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who accessed care more frequently.

Staying Healthy

Chart 16: Chlamydia Screening in Wo	omen Rates - Ages 16-24 <u>by Medical Group</u>	- continued n*
Owatonna Clinic - Mayo Health System	+ +	37
Brainerd Medical Center OB/GYN		19
Express Healthcare		33
Multicare Associates of the Twin Cities		34
Allina Health System		67
Northland OB/GYN Associates		42
Cannon Falls Med. Ctr Mayo Health Sys.		40
Oakdale OB/GYN		13
St. Luke's Clinics		29
Winona Health		210
Northstar Physicans		40
Apply Valley Medical Clinic		354
Mankato Clinic		83
Austin Med. Center - Mayo Health System		26
Cannon Valley Clinic - Mayo Health Sys.		99
Buffalo Clinic		46
Immanuel St. Joseph - Mayo Health Sys.		54
Gundersen Clinic		18
Western Wisconsin Medical Associates		47
St. Mary's/Duluth Clinic Health System		1,27
St. Cloud Medical Group		64
Olmsted Medical Center		42
BMC & St. Joseph's Med. Center Clinics		16
Riverwood Aitkin Clinic		67
Hutchinson Medical Center		28
SuperiorHealth Center		68
Fridley Children's & Teenagers' Med. Ctr.		54
North Clinic		35
Edina Family Physicians		16
Burnsville Family Physicians		91
Now Care Medical Centers		12
		36
Foley Medical Centers		
Fergus Falls Medical Center		15
West Side Community Health Services		41
Gateway Family Health Clinic		12
Partners in Peds - Child's Phys. Network		39
Metropolitan OB & GYN		11
WestHealth Urgent Care		52
Edina Sports Health & Wellness		72
Amery Regional Medical Center		58
Obstetrics, Gyn & Infertility		70
John A. Haugen Assoc.		10
S.Lake Peds - Child's Physician Network		17
Diamond Women's Center		79
Red Cedar Med. Ctr Mayo Health System		66
MinuteClinic		17
Ridgeview Clinic		23
Bloomington Lake Clinic, Ltd.		62
Sanford Clinic		88
0% 10%	20% 30% 40% 50% 60% 70%	80% 90% 100%

∧OB/GYN \*Urgent Care #Pediatric → Lower Confidence Level/Upper Confidence Level n\* = sample size

Chart 16: Chlamydia Scree	ening	in W	/omen l	Rates- A	lges 16	-24 <u>by</u>	Medica	al Grou	<u>p</u> - cont	tinued	n,
Lk. City Med. Ctr. and Clinic- Mayo Health	,	1			•						68
Catalyst Medical Clinic					•						30
United Hospital District Clinics				<u> </u>	•						71
Southern Metro Medical Clinics					• — — I						11
Parkview Medical Clinic					•						44
<sup>#</sup> N. Lights Pediatric and Adolescent Med.				<b>⊢</b>							64
Lakewood Health Center				_ <b>⊢</b> ∔⊸●							14
CCMH- Montevideo Clinic				<b>⊢</b>		4					71
Silver Lake Clinic				_ <b> </b> ♦			1		1		17
Innovis Health				<b>→</b>							37
Riverview Clinics			E F								72
Central Lakes Med. Clinic - N. Star Phys.				++++	<u> </u>						10
#Metropolitan Pediatric Specialists				- <b>-</b>							20
Broadway Medical Center				+++							14
Avera Medical Group				<b>⊨</b>	-						53
#Southdale Pediatric Associates Ltd.				<b>→</b>							30
#Ped. and Young Adult Med Child. Phys.			E F								13
#Wayzata Children's Clinic											12
Glenwood Medical Center				-	<u> </u>						44
Murray County Clinic				-		4					34
MeritCare				H							1,5
Altru Health System				<b>⊢</b> ♦ – – –							44
#Central Pediatrics				•	4						16
#Ped. Services- Children's Phys. Network				•							54
Fairmont Med. Center -Mayo Health Sys.				•	1						10
#All About Children Pediatrics			<b>—</b> —	•	<u> </u>						37
Baldwin Area Medical Center			·	•							45
Paynesville Area Health Care System				•							11
Unity Family HealthCare - Avon											52
Family Medicine of Winona			+								70
Alexandria Clinic			<b>⊢</b> ∔								20
#Northeast Pediatric Clinic		I H	•								47
Lakeview Medical Clinic		ц <u>і                                    </u>	•								57
Stevens Community Med. Ctr Morris			•	-							64
Wadena Medical Center	1	•									12
ELEAH Medical Center		-									37
Osceola Medical Center	<b> </b> +	-									79
	)%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
						roup Av					

∧OB/GYN \*Urgent Care #Pediatric ⊢ Lower Confidence Level/Upper Confidence Level n\* = sample size

## Performance Highlights - Medical Group Level Results

## **Highest Performers in 2010**

Medical group level results showed that an average of 51 percent of sexually active women ages 16-24 had a Chlamydia test. **NorthPoint Health and Wellness Center** set the benchmark of 83 percent. Seventeen of 136 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- NorthPoint Health and Wellness Center
- Face to Face Health & Counseling
- Clinic Sofia OB/GYN
- Fremont Community Clinics
- Hennepin Faculty Associates & HCMC Clinics
- HealthPartners Clinics
- Open Cities Health Center
- Family Tree Clinic
- United Family Medicine
- Partners OB/GYN
- Family Practice Medical Center of Willmar
- Quello Clinic
- Allina Medical Clinic
- Lakeview Clinic, Ltd.
- University of Minnesota Physicians
- Fairview Health Services
- Park Nicollet Health Services

## **Biggest Improvement from 2009-2010**

The greatest improvements since report year 2009 in Chlamydia Screening (medical group level) with each achieving greater than a 18 percentage point increase were made by:

- Bloomington Lake Clinic, Ltd.
- Catalyst Medical Clinic
- Comprehensive Healthcare for Women
- Clinic Sofia OB/GYN

### Medical Group Performance Over Time (2008-2010)

Not applicable.

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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## **Childhood Immunization Status - Combo 3**

### **Childhood Immunization Status - Combo 3**

#### (Medical Group Level Results)

This measures the percentage of children two years of age who had received all of the following vaccines by their second birthdays:

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

The statewide rate for Childhood Immunization is 75.6 percent. Table 17 displays the details of the 2010 rate. Figure 17 shows the average rate for Childhood Immunization over time. Since the 2007 report, the rate has stayed relatively stable. Chart 17 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (designated by the bold line).

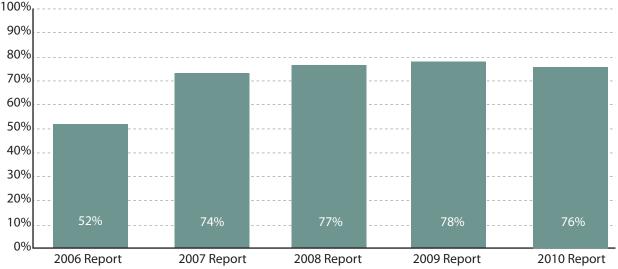
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC) and medical record review.

#### Table 17: Statewide Medical Group Level Rate for Childhood Immunization Status\*

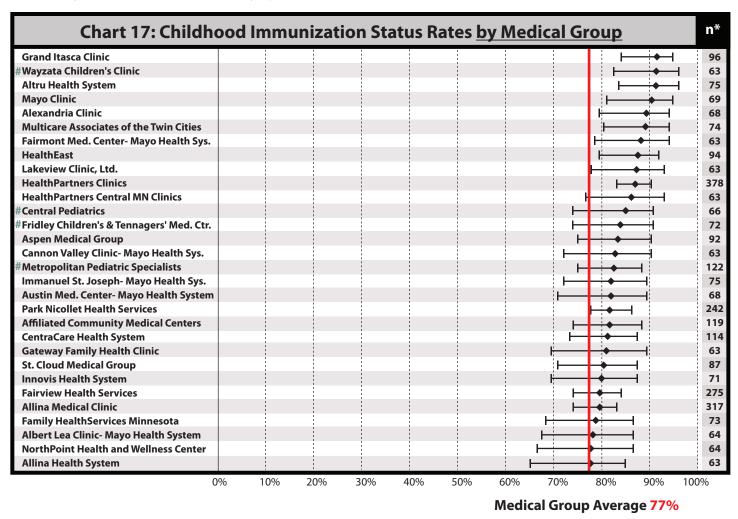
	Statewide Average (Weighted)	95% Cl	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible	
Childhood Immunization	75.6%	74.6%-76.6%	5,384	7,119	24,222	

\*Statewide Average (above) includes those patients attibuted to a medical group AND those who could not be attributed to a medical group.

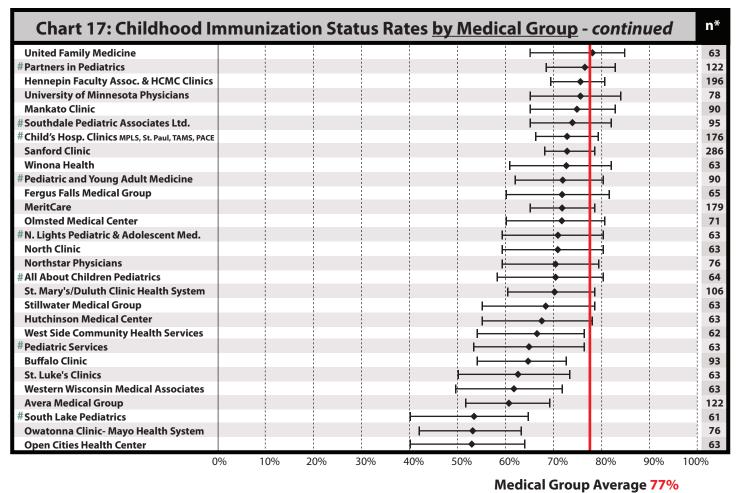
### Figure 17: Statewide Medical Group Level Rates for Childhood Immunization Status Over Time



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.



# Pediatric \_\_\_\_\_ Lower Confidence Level/Upper Confidence Level n\* = sample size



# Pediatric Lower Confidence Level/Upper Confidence Level n\* = sample size

## Performance Highlights - Medical Group Level Results

### **Highest Performers in 2010**

Medical group level results showed that an average of 77 percent of children two years of age were up-to-date with all recommended immunizations by their second birthday. **Grand Itasca Clinic** set the benchmark of 92 percent. Eleven out of 59 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Grand Itasca Clinic
- Wayzata Children's Clinic
- Altru Health System
- Mayo Clinic
- Alexandria Clinic
- Multicare Associates of the Twin Cities
- Fairmont Medical Center- Mayo Health System
- HealthEast
- Lakeview Clinic, Ltd.
- HealthPartners Clinics
- Park Nicollet Health Services

### Biggest Improvement from 2009-2010

The greatest improvements since report year 2009 in Childhood Immunizations (medical group level) were made by **Alexandria Clinic, Altru Health System,** and **Northstar Physicians** with each achieving greater than a 19 percentage point increase.

# Performance Highlights - Medical Group Level Results

### Medical Group Performance Over Time (2008-2010)

We reviewed the data to identify patterns of medical group performance in those medical groups that have three years of data beginning in 2008. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are summarized below and listed in alphabetical order.

# The following two medical groups achieved <u>consistently high performance and above average rates over the</u> <u>past three years</u> for Childhood Immunization Status:

- HealthPartners Clinics
- Park Nicollet Health Services

#### Two medical groups showed consistent improvement over three years:

- Mayo Clinic
- Sanford Clinic

#### One medical group showed consistent decreases over three years:

St. Mary's/Duluth Clinic Health System

#### Two medical groups had rates that were relatively stable over three years:

- Allina Medical Clinic
- HealthPartners Clinics

#### Twenty- four medical groups did not have a discernable pattern over three years.

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# Care that Protects Patients from Medical Errors and Does Not Cause Harm

## **Health Information Technology Measures**

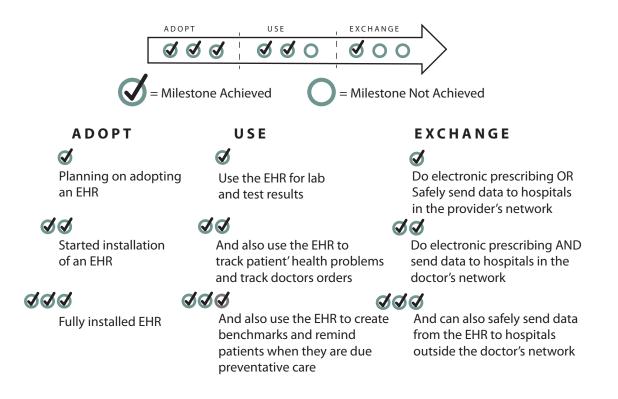
Health Information Technology (HIT) is the use of computers and computer programs, such as an electronic health record (EHR) to store, retrieve and securely transfer patient information electronically within health care settings. HIT use in clinics includes three phases: 1) adopting an EHR system; 2) using its various features to gather and manage patient information, and; 3) exchanging information among doctors' offices.

•<u>Adopt</u>: Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.

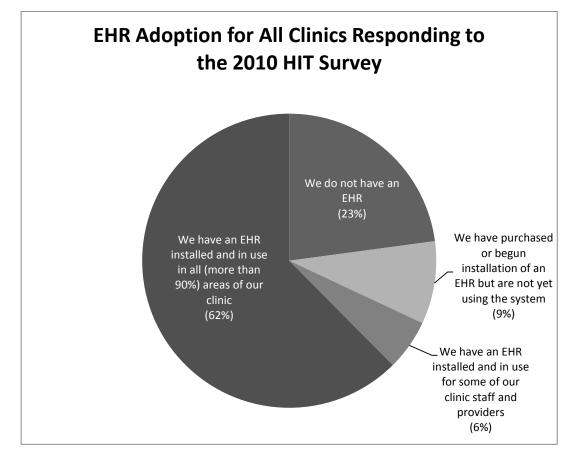
•<u>Use</u>: A patient's doctor uses the EHR to order lab tests, track health problems and improve the patient's care. •<u>Exchange</u>: A patient's information is sent and received in a secure manner among the doctors involved in the patient's care.

Doctors, hospitals, laboratories and pharmacies that use HIT can document and share information about the care they provide. This can be helpful if a patient sees multiple doctors or has a medical condition that requires specific types of care.

The table and checkmarks given below indicate how successful Minnesota doctors and other health care providers are in advancing the use of HIT in their practice. Each checkmark represents a milestone. A high number of green checkmarks shows more advanced HIT use which signifies high quality care.



## **Health Information Technology Measures**



Total number of clinics who responded to the survey = 1,198

It is important to know that small differences in the number of checkmarks should not be of concern. It is more important to look at larger differences. The information in this report is collected annually, and may not reflect recent advancements in an individual clinic's efforts to use HIT.

This report is based on provider responses to the 2010 Health Information Technology (HIT) Ambulatory Clinic Survey, submitted to MN Community Measurement. The survey was sent to all clinics in early 2010 and the response rate was over 85%.

What does this Information Mean?				ADOPT	1	USE	I E	XCHANGE	
S = Milestone Achieved = Milestone Not	Achiev	ed	Ø	ଷ ଷ		00		00	
CLINIC NAME	1	ADOP1	Г		USE		ΕX	(CHAN	IGE
AALFA Family Clinic	ଏ	0	0	0	0	0	0	0	0
Academic Dermatology	Q	Q	Q	Q	Q	0	Q	0	0
Adult & Pediatric Urology	Q	Q	ଏ	ଷ	Q	0	Q	0	0
Adult Medicine, PA	S	0	0	0	0	0	Q	0	0
Advanced Dermatology Care-Forest Lake	Q	0	0	0	0	0	ଷ	0	0
Advanced Dermatology Care-Stillwater	S	0	0	0	0	0	Q	0	0
Advanced Dermatology Care-White Bear lake	ø	0	0	0	0	0	Q	0	0
Advancements in Allergy and Asthma Care, Ltd.	S	Q	Q	0	0	0	ଏ	0	0
Affiliated Community Medical Centers - Willmar Skylark Center	ø	ଏ	ଷ	ଏ	0	0	ଷ	ଏ	0
Affilliated Community Medical Centers - Benson Clinic	Q	Q	Q	Q	Q	Q	Q	0	0
Affilliated Community Medical Centers - Granite Falls Clinic	Q	Ø	Q	Ø	0	0	Q	ଏ	0
Affilliated Community Medical Centers - Litchfield Clinic (East)	Q	S	Q	Q	Q	Q	Q	0	0
Affilliated Community Medical Centers - Litchfield Clinic (West)	ଷ	ଷ	ଏ	ଏ	Q	Ø	Q	0	0
Affilliated Comm. Medical Centers-Marshall Clinic (Bruce Street)	Q	Q	Q	Q	0	0	Q	0	0
Affilliated Comm. Medical Centers-Marshall Clinic (Market Street)	Ø	ଷ	ଏ	ব	0	0	ଏ	0	0
Affilliated Community Medical Centers - New London Clinic	Q	Q	Q	Ø	0	0	Ø	Q	0
Affilliated Community Medical Centers - Redwood Falls Clinic	ଏ	Q	Q	Ø	0	0	ଏ	Q	0
Affilliated Community Medical Centers - Willmar Clinic	Q	Q	Q	Q	0	0	Q	Q	0
Albany Medical Center	Q	0	0	0	0	0	0	0	0
Alexandria Clinic	Q	Q	Q	ଏ	S	0	Q	0	0
All About Children Pediatrics, P.A.	ଏ	Q	Q	ଏ	ଏ	0	ଏ	0	0
Allergy & Asthma Specialists, PA - Maple Grove	Q	0	0	0	0	0	0	0	0
Allergy & Asthma Specialists, PA-Minneapolis Medical Arts Bldg	ଏ	0	0	0	0	0	0	0	0
Allergy & Asthma Specialists, PA - Plymouth West Health	Q	0	0	0	0	0	0	0	0
Allergy and Ashma Care, PA	Ø	0	0	0	0	0	0	0	0
Allergy, Asthma & Immunology - Shoreview	Q	Ø	Ø	0	0	0	Q	0	0
Allina Health System - Abbott NW General Medicine Assoc Edina	ব	ଏ	Q	ୢୢ	Q	ও	ଏ	ଷ	0
Allina Health System - Abbott NW General Medicine Assoc Mpls	Ø	Q	Ø	Ø	Q	Ø	Q	ø	0
Allina Health System - Abbott NW Infectious Disease Clinic	ଏ	ଷ	ଏ	ୢୢ	ଏ	ব	ୢୢ	ଷ	0
Allina Health System - Abbott NW International Travel Clinic	Ø	Q	Ø	ব	ଏ	ଷ	ୡ	ଏ	0
Allina Health System - Allina Mental Health Northtown Clinic	ଏ	Q	Q	ব	Q	র	ও	ଷ	0
Allina Health System - Cardiovascular Surgeons of St Paul	ଏ	Ø	Ø	Ø	S	Ø	Q	Ø	0
Allina Health System - Chronic Pain Management	Ø	Q	Ø	ব	Q	র	ব	Q	0
Allina Health System - Metropolitan Heart & Vascular Institute	ব	Ø	Ø	ব	Ø	3	Q	Q	0
Allina Health System - Midwest Internal Medicine	ଏ	Q	ଷ	ব	Ø	ଷ	ব	ø	0
Allina Health System - Minneapolis Heart Institute	d	Q	Q	র	ব	3	ଷ	Q	0
Allina Health System - Minneapolis Neuroscience Institute	ୢୢୢ	ୢ୰	3	ব	ବ	ୢୢ	ବ	ୢୢ	0

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Allina Health System - Minnesota Perinatal Physicians	Q	Q	Q	Q	Q	Q	Q	Q	0		
Allina Health System - New Ulm Medical Center	Q	Q	Q	Q	Q	Q	Q	Q	0		
Allina Health System - Sister Kenny Rehab Assoc. & Spine Ctr.	Q	ଏ	ଷ	ଔ	Q	Q	Q	ଷ	0		
Allina Health System - Sports & Orthopaedic Specialists, P.A.	Q	Q	Q	ও	Q	Q	Q	Q	0		
Allina Health System - United Neurosurgery Assoc.	Q	Q	Q	ଷ	Q	Q	Q	Q	0		
Allina Health System - Virginia Piper Cancer Ctr.	Ø	Q	ଷ	ଏ	Q	Q	Q	Q	0		
Allina Medical Clinic - Midwest Surgery	Q	ଏ	ଷ	ଷ	Q	Q	Q	Ø	0		
Allina Medical Clinic - Annandale	Ø	ଏ	Q	ও	Q	Q	Q	Q	0		
Allina Medical Clinic - Blaine	Ø	ଏ	ଏ	ব	Q	ଷ	Q	Q	0		
Allina Medical Clinic - Brooklyn Park	Q	Q	Q	S	Q	Q	Q	Q	0		
Allina Medical Clinic - Buffalo	Q	Q	Q	Ø	Q	Q	Q	Ø	0		
Allina Medical Clinic - Cambridge Medical Center	Q	S	Q	Ø	Q	Q	Q	Q	0		
Allina Medical Clinic - Champlin	ଏ	Q	ଏ	ଏ	Q	Q	ଏ	Q	0		
Allina Medical Clinic - Cokato	Q	Q	ଏ	Q	Q	Q	Q	ଏ	0		
Allina Medical Clinic - Coon Rapids	ø	ଏ	ଏ	ୢ	Q	ଏ	ଏ	ଏ	0		
Allina Medical Clinic - Coon Rapids Women's Health	Q	Q	Q	Q	Q	Q	Ø	Q	0		
Allina Medical Clinic - Cottage Grove	Q	ଏ	ଏ	ଏ	Ø	Ø	ଏ	ଏ	0		
Allina Medical Clinic - Crossroads Chaska	Q	Q	ଏ	ସ	Q	Q	Ø	S	0		
Allina Medical Clinic - Crossroads Prior Lake	Q	Q	ଷ	Q	Q	ଏ	ଏ	ଏ	0		
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	Q	Q	Q	Q	S	Ø	Q	Q	0		
Allina Medical Clinic - Eagan	ଏ	Q	Q	Ø	Ø	ଏ	ଏ	Q	0		
Allina Medical Clinic - Edina	ଏ	Q	Q	ଏ	Ø	Q	Q	Q	0		
Allina Medical Clinic - Elk River	Q	Q	ଷ	Ø	Q	ଏ	ଏ	Q	0		
Allina Medical Clinic - Faribault	Q	Q	Q	Q	Q	Q	Q	ଏ	0		
Allina Medical Clinic - Farmington	J	ø	Q	Ø	S	Q	S	S	0		
Allina Medical Clinic - Forest Lake	Ø	Q	Ø	Ø	Q	Ø	Ø	Ø	0		
Allina Medical Clinic - Fridley OB/GYN	J	Q	Q	ଏ	Q	ଷ	ଏ	Ø	0		
Allina Medical Clinic - Hastings (Nininger)	ସ	S	Ø	Ø	Q	3	Q	Q	0		
Allina Medical Clinic - Hastings (W First St)	ଏ	Ø	S	Ø	Q	3	ব	Q	0		
Allina Medical Clinic - Hinkley	ସ	Ø	Q	ব	Q	3	Q	Q	0		
Allina Medical Clinic - Isles	ଏ	ব	3	র	ଏ	3	ଏ	ଏ	0		
Allina Medical Clinic - Maple Grove	ଏ	S	Ø	Ø	Q	3	Q	Q	0		
Allina Medical Clinic - Mora	ସ	Q	3	ব	ଏ	3	ব	ଏ	0		
Allina Medical Clinic - Nicollet Mall	ଏ	Ø	Ø	Ø	Q	3	ଏ	Q	0		
Allina Medical Clinic - North Branch	ୢୢ	ୢୖ	র	ব	3	3	ୢ	র	0		
Allina Medical Clinic - Northfield	ୢ	Q	S	S	Q	3	3	Ø	0		
Allina Medical Clinic - Parkview OB/GYN Eagan	0	ୢୖ	3	S S		-	-	ୢ			
	S	U	V	<b>v</b>	Q	Q	Ø	U	0		

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Allina Medical Clinic - Parkview OB/GYN Maplewood	Q	Q	Q	୍	ও	ଏ	୍	Q	0	
Allina Medical Clinic - Parkview OB/GYN St. Paul	Q	Q	Q	Q	Q	Q	Ø	Q	0	
Allina Medical Clinic - Pine City	Ø	ଏ	ଏ	ସ	Q	Q	Ø	ଏ	0	
Allina Medical Clinic - Prescott	Ø	Q	Q	ଷ	S	Q	Ø	Q	0	
Allina Medical Clinic - Ramsey	Q	Q	Q	ଷ	Q	Q	ଷ	Q	0	
Allina Medical Clinic - Shakopee	Ø	Q	Q	Q	Q	Q	Ø	Q	0	
Allina Medical Clinic - Shoreview	Q	Q	ଏ	Q	Q	Q	Ø	Ø	0	
Allina Medical Clinic - St. Michael	Q	Q	Q	Q	Q	Q	୍	Q	0	
Allina Medical Clinic - Surgical Specialties, Unity	Ø	Q	Q	ଷ	ଏ	ଏ	ব	ଏ	0	
Allina Medical Clinic - The Doctors Uptown	Q	Q	Q	Q	Q	Q	Q	Q	0	
Allina Medical Clinic - United Medical Specialties	Q	Ø	Q	Ø	Q	Q	Ø	Ø	0	
Allina Medical Clinic - West Health Campus	Q	Q	Q	Q	Q	Q	ଷ	Q	0	
Allina Medical Clinic - West St. Paul	Q	Q	ଏ	୍	Q	Q	Q	Q	0	
Allina Medical Clinic - Woodbury	Q	Q	ଏ	ଷ	Q	Q	Ø	S	0	
Allina Medical Clinic - Woodlake	Q	Q	Q	ୖ	ଏ	ଏ	ସ	ଏ	0	
Allina Mental Health Clinic - Northtown	Q	Q	Q	Q	ଏ	Q	ଷ	ব	0	
Altru Health System - Cavalier	Q	0	0	0	0	0	0	0	0	
Altru Health System - Crookston	ଏ	Q	Q	Q	ଏ	ଏ	ଷ	Q	0	
Altru Health System - Drayton	ଏ	Q	0	0	0	0	0	0	0	
Altru Health System - Erskine	Q	0	0	0	0	0	0	0	0	
Altru Health System - Family Medicine Center	ଏ	ଏ	ଏ	Q	0	0	ଏ	0	0	
Altru Health System - Fertile	ଏ	0	0	0	0	0	0	0	0	
Altru Health System - Grand Forks Family Medicine Residency	ଏ	Q	Q	Q	0	0	ଏ	0	0	
Altru Health System - Greenbush	ଏ	0	0	0	0	0	0	0	0	
Altru Health System - Lake Region	Q	0	0	0	0	0	0	0	0	
Altru Health System - Main	Q	Q	0	ଷ	0	0	ଏ	0	0	
Altru Health System - Red Lake Falls	ଏ	0	0	0	0	0	0	0	0	
Altru Health System - Roseau	ଏ	Q	0	0	0	0	ଷ	0	0	
Altru Health System - Warroad	ଏ	Q	0	Q	0	0	Q	0	0	
Anesthesia Associates of St. Cloud, Ltd	0	0	0	0	0	0	0	0	0	
Apple Valley Medical Clinic	ସ	0	0	0	0	0	0	0	0	
Appleton Clinic	ସ	Q	Q	Q	Q	Q	ଏ	Q	0	
Ashby Clinic	ଏ	0	0	0	0	0	୍	0	0	
Aspen Digestive Health Clinic	ଏ	Q	ଏ	Q	Q	Q	ଷ	Q	0	
Aspen Medical Group - Bandana Square	ଏ	ଏ	ଷ	ଷ	Q	ଏ	ଏ	Ø	0	
Aspen Medical Group - Bloomington	ଏ	Q	Q	Ø	Q	Q	Q	Q	0	
Aspen Medical Group - East Lake Street	Ø	Q	Q	ଏ	S	Q	ଏ	ଏ	0	

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Aspen Medical Group - Highland	ও	Q	Q	Q	ও	Q	ୖ	Q	0
Aspen Medical Group - Hopkins	Q	Q	Q	Q	Q	Q	ব	Q	0
Aspen Medical Group - Inver Grove Heights	Ø	ଏ	ଏ	ଔ	Q	Q	Q	ଏ	0
Aspen Medical Group - Maplewood	Q	Q	ଏ	Q	Q	Q	Q	Q	0
Aspen Medical Group - White Bear Lake	Q	Q	Q	ଷ	ଷ	Q	ଏ	Q	0
Associated Eye Care - Forest Lake	Q	0	0	0	0	0	Q	0	0
Associated Eye Care - New Richmond	Ø	0	0	0	0	0	ଏ	0	0
Associated Eye Care - St. Paul	Q	0	0	0	0	0	୍	0	0
Associated Eye Care - Stillwater	Ø	0	0	0	0	0	ଏ	0	0
Associated Eye Care - Woodbury	Q	0	0	0	0	0	ও	0	0
Associated Eye Care Ambulatory Surgery Center	Q	0	0	0	0	0	Q	0	0
Associated Skin Care Specialists PA-Eden Prairie	ଏ	0	0	0	0	0	0	0	0
Associated Skin Care Specialists PA-Fridley	Q	0	0	0	0	0	0	0	0
Associated Skin Care Specialists PA-Maple Grove	Q	0	0	0	0	0	0	0	0
Associated Skin Care Specialists PA-Mercy	Q	0	0	0	0	0	0	0	0
Associated Skin Care Specialists PA- Unity	Q	0	0	0	0	0	0	0	0
Associates in Newborn Medicine - CH&C St. Paul	Q	S	Q	0	0	0	0	0	0
Associates In Women's Health, PA- Edina	ଷ	ଏ	Q	ଔ	ଏ	0	ଷ	0	0
Associates In Women's Health, PA- Minneapolis	ଷ	Q	Q	Q	ଷ	0	ଔ	0	0
Attending Physicians	Q	0	0	0	0	0	0	0	0
Austin & Treacy, P.A.	ଷ	0	0	0	0	0	ଷ	0	0
Avera - Pipestone County Medical Center	ଷ	0	0	0	0	0	0	0	0
Avera - United Medical Clinic	ଷ	0	0	0	0	0	ଷ	0	0
Avera Marshall Outpatient Behavioral Health Clinic	ଏ	0	0	0	0	0	0	0	0
Avera Marshall Southwest Ophthalmology - Marshall	ଷ	0	0	0	0	0	0	0	0
Avera Marshall Southwest Ophthalmology - Montevideo	Q	0	0	0	0	0	0	0	0
Avera Marshall Southwest Ophthalmology - Springfield	ସ	0	0	0	0	0	0	0	0
Avera Marshall Specialty Clinic	ଏ	Q	0	0	0	0	0	0	0
Avera Worthington Specialty Clinic	ସ	0	0	0	0	0	0	0	0
Avera Worthington Specialty Clinics - Fulda	Q	0	0	0	0	0	0	0	0
Avera Worthington Specialty Clinics - Lakefield	Q	0	0	0	0	0	0	0	0
AXIS Medical Center	ସ	Q	Q	ଔ	ଏ	0	0	0	0
Balance Solutions	ସ	ଏ	ଷ	ଷ	Q	0	Q	0	0
Battle Lake Clinic	ଏ	0	0	0	0	0	ও	0	0
Behavior Wizards	Q	0	0	0	0	0	ଏ	0	0
Bertha Medical Clinic	ଏ	0	0	0	0	0	0	0	0
Big Lake Clinic	Q	0	0	0	0	0	0	0	0

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Bigfork Valley Clinic - Balsam			0	0	0	0	0	0	0	
Bigfork Valley Clinic - Coleraine	Ø	Ø	0	0	0	0	0	0	0	
Bigfork Valley Clinic - Marcell	Ø	Ø	0	0	0	0	0 d	0	0	
Bloomington Lake Clinic - Minneapolis	Ø	Ø	Ø	Ø	Ø	Ø	Ø	0	0	
Bloomington Lake Clinic - Xerxes	S	Q	3	Q	3	3	ଔ	0	0	
Bluestem Center for Family and Child Development- Owatonna	Ø	0	0	0	0	0	Ø	0	0	
Bluestem Center for Child and Family Development- Rochester	Ø	0	0	0	0	0	Q	0	0	
Boynton Health Service	Ø	Ø	Q	Q	Q	Q	0	0	0	
Boynton Health Service for Mpls. Comm. and Technical College	Ø	Q	Q	Ø	Ø	0	0	0	0	
Boynton Health Service Gopher Quick Clinic Coffman	Q	Q	Q	Ø	Ø	Ø	0	0	0	
Boynton Health Service St.Paul	Q	Q	ଏ	Ø	ଷ	ଷ	0	0	0	
Brainerd Medical Clinic	Q	Q	Q	Ø	0	0	0	0	0	
Brainerd Medical Clinic- Women's center	Q	Q	Q	Ø	0	0	0	0	0	
Brainered Northern Pines Mental Health	0	0	0	0	0	0	0	0	0	
Brainerd Radiation Therapy	ଷ	0	0	0	0	0	0	0	0	
Bridges Medical Center	Q	ଏ	0	ଷ	0	0	0	0	0	
Broadway Medical Center- Alexandria	ସ	Q	Q	ଷ	Q	0	Q	Q	0	
Broadway Medical Center- Parkers Prairie	ଏ	Q	Q	Q	Q	0	ଏ	Q	0	
Brooten Medical Center	ଏ	Q	0	ଷ	0	0	Q	0	0	
Buffalo Clinic- Albertville- St. Michael	ସ	0	0	0	0	0	0	0	0	
Buffalo Clinic- Buffalo	Q	0	0	0	0	0	0	0	0	
Buffalo Clinic- Monticello	ସ	0	0	0	0	0	0	0	0	
Burnett Medical Center	ଏ	0	0	0	0	0	0	0	0	
Burnette Medical Center	Q	0	0	0	0	0	Q	0	0	
Burnsville Family Physicians	Q	ও	Q	ଏ	Q	ଏ	ଏ	Ø	0	
Catalyst Medical Clinic	Q	0	0	0	0	0	Q	0	0	
Center for Personal Fitness	Ø	Ø	Q	Ø	ଷ	-	ୢ	Ø	0	
Center for Reproductive Medicine-Minneapolis	Ø	0	0	0	0	0	0	0	0	
Center for Reproductive Medicine-St. Paul	ଏ	0	0	0	0	0	0	0	0	
CentraCare - Becker	ব	Ø	Ø	Ø	ଏ		ব		0	
CentraCare - Central Minnesota Heart Center	ଏ	Ø	Ø	Ø	0	0	ব	S	0	
CentraCare - Diabetes Center	ଏ	Ø	Q	Q	Q	0	ୢୢ	Q	0	
CentraCare - Family Medicine- Health Plaza	ୢୖ	Ø	র	Ø	ଷ	র	ୢ୰	ଏ	0	
CentraCare - Heartland	ୢୢ	Q	Q	Q	Ø	-	র	Q	0	
CentraCare - Internal Medicine Plaza	ୢୖ	3	S	Ø	3	3	র	Q	0	
CentraCare - Internal Medicine River Campus	S	Q	Q	S	Q	_	ୢ	S	0	
CentraCare - St. Joseph	S S		-	-		-	-			
centracare - 50.303epin	V	Q	Q	Ø	Q	ଏ	Q	Q	0	

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CentraCare - Women & Children OB/GYN	୍	Q	Q	Q	Q	Q	Q	Q	0	
CentraCare - Women & Children Pediatrics	Q	Q	Q	Ø	S	Q	Ø	Q	0	
CentraCare Health System - Long Prairie	Ø	ଏ	Q	ଷ	Q	Q	ଷ	ଷ	0	
CentraCare Health System - Melrose	Q	Q	Q	Ø	S	Q	Q	Q	0	
Central Pedatrics St.Paul	Q	0	0	0	0	0	0	0	0	
Central Pediatrics - Woodbury	Q	0	0	0	0	0	0	0	0	
Certified Medical Evaluations, P.A.	0	0	0	0	0	0	0	0	0	
Charles N Marvin Jr MD	0	0	0	0	0	0	0	0	0	
Children's Asthma Clinic - Minneapolis	Ø	Q	0	Ø	0	0	ଏ	Q	Q	
Children's Asthma Clinic - St.Paul	Q	Ø	0	Q	0	0	Q	Q	Q	
Children's Cardiology Clinic - St.Paul	ব	Q	Q	Q	0	0	Q	Ø	Q	
Children's Cleft/Craniofacial Clinic - Minneapolis	ব	Ø	S	Q	0	0	Q	ଏ	S	
Children's Cleft/Craniofacial Clinic - St.Paul	Q	Q	Q	Q	0	0	Q	Q	S	
Children's Cystic Fibrosis Clinic - Minneapolis	Q	Q	Q	Q	0	0	ଏ	Q	S	
Children's Developmental Peds Clinic - Minneapolis	Q	Q	Q	ø	0	0	ଏ	Q	S	
Children's Diabetes & Endocrine Clinic - Minneapolis	ব	Q	Q	ଷ	0	0	Q	Q	Q	
Children's Diabetes & Endocrine Clinic - St.Paul	Q	Ø	Ø	Ø	0	0	Q	Ø	ø	
Children's Down Syndrome Clinic - Minneapolis	ব	Q	Q	Q	0	0	ଷ	Q	Q	
Children's Down Syndrome Clinic - St.Paul	ଷ	Q	Q	Q	0	0	ଷ	Q	Q	
Children's Feeding Clinic - Minneapolis	ସ	$\checkmark$	Ø	Ø	0	0	Q	S	Q	
Children's Feeding Clinic - St.Paul	ସ	Ø	Q	ଏ	0	0	Q	Ø	Q	
Children's General Pediatric Clinic - Minneapolis	ସ	Q	0	ব	0	0	ଏ	Q	Q	
Children's General Pediatrics Clinic - St.Paul	ব	Q	0	ব	0	0	୍	Q	ও	
Children's Genetics Clinic - Minneapolis	Q	Q	Q	Q	0	0	ଏ	Q	Q	
Children's Genetics Clinic - St.Paul	Q	Ø	Q	ଏ	0	0	Q	ଏ	Q	
Children's Gynecology Clinic - Minneapolis	Q	Q	Q	Q	0	0	Q	Q	Q	
Children's Gynecology Clinic - St.Paul	ଏ	Q	Q	Ø	0	0	ଏ	Q	Q	
Children's Heart Clinic - Minneapolis	Q	0	0	0	0	0	0	0	0	
Children's Heart Clinic - St.Paul	Q	0	0	0	0	0	0	0	0	
Children's Hemotology/Oncology Clinic - Mpls.	Q	S	Q	Ø	0	0	Q	Ø	Q	
Children's Hemotology/Oncology Clinic - St.Paul	Q	Q	Q	Ø	0	0	Q	Q	Ø	
Children's Infant Apena Clinic - Minneapolis	ସ	Q	Q	Q	0	0	ଏ	Q	Q	
Children's Infant Apena Clinic - St.Paul	ব	ଏ	ଏ	ଷ	0	0	Q	ଏ	Q	
Children's Infectious Disease Clinic - Minneapolis	ব	Q	Q	Q	0	0	Q	Q	Q	
Children's Infectious Disease Clinic - St.Paul	ଏ	ଷ	ଏ	ଏ	0	0	ব	ଏ	ଏ	
Children's Integrative Medicine Clinic - Minneapolis	Q	Q	Q	Ø	0	0	Q	Q	Q	
Children's Midwest Children's Resource Center	g	Q	Q	ଏ	0	0	ব	Ø	S	

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Children's Nephrology Clinic - Minneapolis	ଏ	Ø	S	Ø	0	0	S	Ø	Ø	
Children's Neurology Clinic - St. Paul	S	Ø	Ø	Ø	0	0	Ø	Ø	Ø	
Children's NICU F/U Clinic - St. Paul	S	ଔ	Ø	Ø	0	0	ଔ	ଏ	Ø	
Children's NICU Trans Clinic - Minneapolis	Ø	Ø	Q	Ø	0	0	Ø	Ø	Ø	
Children's Orthopaedic Clinic - Minneapolis	Ø	Ø	S	Ø	0	0	ଔ	Ø	Ø	
Children's Orthopaedic Clinic - St. Paul	Ø	Q	Q	Q	0	0	Q	Q	Ø	
Children's Pain Clinic - Minneapolis	Q	Q	Q	Q	0	0	Q	ଷ	Q	
Children's Pain Clinic - St. Paul	Q	Ø	Q	Q	0	0	Ø	Q	Ø	
Children's Pediatric & Adolescent Care of Minnesota (PACE)	Ø	Q	0	Ø	0	0	Q	Q	Ø	
Children's Pediatric & Adolescent Care of MN (PACE)- West St. Paul	Q	Ø	Q	Ø	0	0	Q	Q	S	
Children's Psychology Clinic - Minneapolis	Q	ଏ	Q	ଁ	0	0	Q	Q	S	
Children's Psychology Clinic - St.Paul	Q	Q	0	୍	0	0	Q	Q	Q	
Children's Respiratory & Critical Care Specialists - Minneapolis	ଷ	0	0	0	0	0	0	0	0	
Children's Respiratory & Critical Care Specialists - Minnetonka	ଏ	0	0	0	0	0	0	0	0	
Children's Respiratory & Critical Care Specialists - St.Paul	ଷ	0	0	0	0	0	0	0	0	
Children's Rheumatology Clinic - Minneapolis	Q	ସ	ସ	ଷ	0	0	Q	Q	Q	
Children's Rheumatology Clinic - St. Paul	Q	Q	Q	Ø	0	0	Q	ଏ	Q	
Children's Sleep Clinic - St. Paul	ଏ	Q	Q	Q	0	0	ଏ	Q	Q	
Children's Sports Medicine Clinic - Minneapolis	ଏ	Q	Q	ব	0	0	ଏ	Q	Q	
Children's Sports Medicine Clinic - St. Paul	Q	ଷ	Q	Ø	0	0	Q	S	ø	
Children's Teen Age Medical Service (TAMS)	Q	Ø	0	Ø	0	0	Q	Ø	Q	
Children's VCF Clinic - Minneapolis	ଏ	Ø	Q	Ø	0	0	Q	Q	Q	
Chippewa County Montevideo Hospital & Medical Clinic	ଏ	ব	Q	ব	Q	0	ଏ	0	0	
Clara City Clinic	Q	Q	Q	ব	Q	0	Q	0	0	
Clarkfield Clinic	Q	Q	ଏ	ଏ	ଏ	0	Q	0	0	
Clearwater Health Services Clinic	S	0	0	0	0	0	0	0	0	
Clinic Sofia Ob/Gyn	g	Ø	Ø	Ø	ଷ	0	ব	0	0	
Coburn Cancer Center	Ø	S	Ø	Ø	S	0	Ø	Ø	0	
Colon & Rectal Surgery Associates - Minneapolis	ଏ	ব	Q	ব	ଏ	3	ୢ୰	0	0	
Colon & Rectal Surgery Associates - Northwest	ব	Ø	Ø	Q	ব	3	র	0	0	
Colon & Rectal Surgery Associates - Southwest	ଏ	S	Ø	Ø	Q	3	র	0	0	
Colon & Rectal Surgery Associates - St. Paul	Ø	S	Ø	Q	Q	3	Q	0	0	
Community Memorial Hospital Specialty Physicians	ø	Q	ୢୢ	ব	0	0	0	0	0	
Community-University Health Care Center	ୢୖ	ଏ	3	Q	Q	0	ব	0	0	
Consultants Internal Medicine	ୢୢୢ	0	0	0	0	0	ୢୢ	0	0	
Courage Center Physicians' Clinic	S	0	0	0	0	0	0	0	0	
Crutchfield Dermatology	ଏ	ୢୢୢ	ୢ୰		-	-	ଏ	-	-	
cratement berniatorogy	3	U	U	0	0	0	V	0	0	

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CLINIC NAME		ADOPT			USE		E	XCHAN	IGE	
Dakota Pediatric Clinic - Inver Grove Heights	ব	Q	ও	Q	0	0	ø	0	0	
Dakota Pediatric Clinic - Lakeville	Q	Q	Q	Ø	0	0	Ø	0	0	
Dawson Clinic	Q	ও	Q	ଷ	0	0	ଏ	ব	0	
DC Ashland Orthopaedics	Q	Q	Q	Q	Q	Q	ø	Q	0	
Deer River Meridian Medical Clinic	Q	0	0	0	0	0	0	0	0	
Dermatology Consultants, PA - Snelling	Q	0	0	0	0	0	Q	0	0	
Dermatology Consultants, PA - Woodbury	ଏ	0	0	0	0	0	ଏ	0	0	
Diamond Women's Center	Q	0	0	0	0	0	Q	0	0	
Donald E Gehrig, MD, Internal Medicine, LLC	Q	0	0	0	0	0	ব	0	0	
Dr VM Baich, PA	Q	0	0	0	0	0	0	0	0	
Drs. Rogers and Nygren	0	0	0	0	0	0	0	0	0	
Eagan Valley Pediatrics	Q	Q	Q	Q	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Burnsville	Q	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Coon Rapids	Q	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Edina	Q	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Fridley	Q	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Maple Grove	Q	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Minneapolis	ଏ	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - Plymouth	ଏ	0	0	0	0	0	0	0	0	
Ear, Nose & Throat Specialtycare - St. Paul	ସ	0	0	0	0	0	0	0	0	
Edgerton Family Clinic Avera	ର	0	0	0	0	0	0	0	0	
Edina Family Physicians	ସ	Q	ଷ	Q	Q	Q	0	0	0	
Edina Plastic Surgery, Ltd	ଏ	0	0	0	0	0	ଏ	0	0	
Edina Sports Health & Wellness	ସ	Q	Q	Q	Q	0	0	0	0	
Eisenstadt Allergy and Asthma Edina	Q	Q	Q	0	0	0	0	0	0	
Eisenstadt Allergy and Asthma Lakeville	Q	Q	Q	0	0	0	0	0	0	
Eisenstadt Allergy and Asthma MpIs	Q	Q	Q	0	0	0	0	0	0	
ELEAH Medical Center - Ashby	ସ	0	0	0	0	0	0	0	0	
ELEAH Medical Center - Elbow Lake	Q	0	0	0	0	0	0	0	0	
ELEAH Medical Center - Evansville	Q	0	0	0	0	0	0	0	0	
ELEAH Medical Center - Hoffman	Q	0	0	0	0	0	0	0	0	
ELEAH Medical Center - Morris Prairie Medical	ସ	Q	Q	Q	Q	ଏ	0	0	0	
Endocrinology Clinic of Minneapolis	Q	Q	ଏ	ଷ	Q	0	0	0	0	
Fairview Andover Clinic	Q	Q	Q	Q	Q	Q	ଏ	0	0	
Fairview Bass Lake Clinic	Q	Q	Q	Ø	ଏ	ଷ	ଏ	0	0	
Fairview Blaine Clinic	Q	Q	Q	Q	Q	Q	Ø	0	0	
Fairview Brooklyn Park Clinic	ଷ	ଏ	ଏ	ଏ	Q	Q	Q	0	0	

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Fairview CedarRidge Clinic	S	S	ব	Q	<b>O</b> SE	Ø	Ś		0	
Fairview Children's Clinic	Q	Q	Q	Q	ଏ	3	ø	0	0	
Fairview Chisago Lakes Clinic	3	Q	3	ୢୢ	ଏ	3	ଷ	0	0	
Fairview Columbia Heights Clinic	Ś	Q	Ø	Ø	S	3	S	0	0	
Fairview Crosstown Clinic	3	ୢ	3	S S	3	3	3	0	0	
Fairview Eagan Clinic	S	Q	3	<b>S</b>	Q	3	S	0	0	
Fairview Edgen Center Clinic	ୢୢୢ	S	ୢୢ	<b>S</b>	ୢୖ	3	ୢୢ		0	
Fairview Elk River Clinic	Q	Q	S	S S	Ø	3	S S	0	0	
	3	3	3	3	র এ	3	ୖ	-	-	
Fairview Farmington Clinic	<b>S</b>	3	-	3				0	0	
Fairview Fridley Clinic Fairview Hiawatha Clinic			Ø	-	Ø	Ø	Ø	0	0	
	S	g	Ø	Ø	Ø	3	Ø	0	0	
Fairview Highland Park Clinic	Ø	Ø	Ø	Ø	3	0	Ø	0	0	
Fairview Hugo Clinic	ଷ	ଏ	Ø	ଔ	Ø	3	Ø	0	0	
Fairview Jonathan Clinic	Q	Q	Ø	Ø	Ø	Ø	Q	0	0	
Fairview Lakes Medical Center	Q	Q	Ø	Ø	ସ	ଷ	S	0	0	
Fairview Lakeville Clinic	Ø	Q	Q	Ø	Ø	Ø	Ø	0	0	
Fairview Lino Lakes Clinic	Q	Q	Q	Q	Q	Ø	ଷ	0	0	
Fairview Maple Grove Medical Center	Ø	Q	Q	Ø	Q	Q	Q	0	0	
Fairview Mesaba Clinic - Hibbing	ଷ	Q	0	Q	0	0	ଷ	Q	0	
Fairview Mesaba Clinic - Mountain Iron	Q	Q	0	Ø	0	0	Ø	Ø	0	
Fairview Mesaba Clinic - Nashwuk	Q	Q	0	ଷ	0	0	ଷ	ଏ	0	
Fairview Milaca Clinic	Q	Q	Q	ୢ	Q	Q	Q	0	0	
Fairview North Branch Clinic	ଷ	ଏ	Q	ଷ	Q	Q	ଷ	0	0	
Fairview Northeast Clinic	Q	ଏ	Q	ୖ	ଏ	Q	ଷ	0	0	
Fairview Oxboro Clinic	Ø	Q	Q	Ø	Q	Q	ଷ	0	0	
Fairview Pine City Clinic	Q	Q	ଏ	Q	Q	Q	Q	0	0	
Fairview Princeton Clinic	Q	Q	Q	Q	ଷ	ଷ	ଏ	0	0	
Fairview Red Wing Ellsworth Clinic	ସ	ଏ	Q	Q	Ø	Q	Q	0	0	
Fairview Red Wing Medical Center	ସ	Ø	Ø	ব	ଏ	ଷ	ଏ	0	0	
Fairview Red Wing Zumbrota Clinic	Ø	S	Ø	Ø	ø	3	Ø	0	0	
Fairview Ridges Clinic	Ø	Ø	Ø	Ø	Q	Ś	ব	0	0	
Fairview RidgeValley Clinic	Q	Ø	Ø	Ø	S	Q	Ø	0	0	
Fairview Riverside Women's Clinic	ଏ	Q	ଷ	Ø	Q	3	ଏ	0	0	
Fairview Rogers Clinic	ସ	Q	ø	Q	Q	Ø	ସ	0	0	
Fairview Rosemount Clinic	Ø	Ø	Ø	Ø	ଏ	3	ସ	0	0	
Fairview Rush City Clinic	S	Q	Q	S S	ୢ	3	ୢ	0	0	
Fairview Sports and Othropedic Care - Burnsville	0	୍ ଏ		ୢ		-	-			
	V		Q	<b>V</b>	Q	Q	Q	0	0	

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Fairview Uptown Clinic	ব	ব	ব	Q	S	S	Ø	0	0
Fairview Zimmerman Clinic	Q	Ø	Q	Q	Q	Q	ø	0	0
Family HealthServices Minnesota - Afton Road	Q	ଷ	Q	ও	0	0	ব	Q	Q
Family HealthServices Minnesota - Banning Avenue	Q	Q	Q	Q	0	0	Ø	S	Q
Family HealthServices Minnesota - Gorman Clinic	Q	Q	Q	Q	0	0	ব	Q	Q
Family HealthServices Minnesota - Highland Family Physicians	Q	Q	Q	Q	0	0	Q	S	Q
Family HealthServices Minnesota - Inver Grove Heights	ଏ	ଏ	ଷ	Q	0	0	ব	ଏ	Q
Family HealthServices Minnesota - Larpenteur Clinic	Q	Q	Q	Q	0	0	Q	ସ	Q
Family HealthServices Minnesota - Maryland Clinic	Q	ଏ	ଷ	Q	0	0	ଏ	Q	Q
Family HealthServices Minnesota - North St. Paul Clinic	Q	Q	Q	Ø	0	0	Q	Q	Q
Family HealthServices Minnesota - Shoreview	Q	ଏ	Q	ଏ	0	0	Ø	Ø	Ø
Family HealthServices Minnesota - Vadnais Heights Office	Q	Q	Q	Q	0	0	Q	Q	S
Family HealthServices Minnesota - White Bear Office	Q	Q	Q	ଏ	0	0	Q	Q	Q
Family HealthServices Minnesota - Woodbury Office	Q	Q	ଏ	Q	0	0	ଷ	ও	Q
Family HealthServices Minnesota - Woodlane Family Practice	Q	Ø	Q	ଷ	0	0	Q	Q	ও
Family Medical Center - Community Medical Center Pierz	Q	Ø	Q	0	0	0	0	0	0
Family Medical Center - Little Falls	Q	Q	Q	0	0	0	0	0	0
Family Medicine of Winona	ଏ	Q	Q	Q	Q	0	Q	Q	0
Family Practice Medical Center of Willmar	ଷ	Q	Q	Q	ଏ	ଷ	ଷ	Q	0
FamilyHealth Medical Clinic - Farmington	ର	Ø	Q	Ø	0	0	Q	Ø	0
FamilyHealth Medical Clinic - Lakeville	ର	ଏ	ଏ	Q	0	0	Q	Q	0
FamilyHealth Medical Clinic - Lonsdale	Q	Q	Q	Q	0	0	Q	ଏ	0
FamilyHealth Medical Clinic - Northfield	ଷ	ଏ	Q	Q	0	0	ଷ	Q	0
Farmington Clinic	0	0	0	0	0	0	0	0	0
Female Pelvic Medicine & Reconstructive Surgery	0	0	0	0	0	0	0	0	0
Fergus Falls Medical Group	Q	0	0	0	0	0	Q	0	0
First Care Medical Services Clinic	ସ	0	0	0	0	0	ଏ	0	0
Foley Medical Center	Q	0	0	0	0	0	Q	0	0
France Avenue Family Physicians	ଏ	Q	Q	ଏ	Ø	Q	ଏ	0	0
Fremont Community Health Services - Central Avenue Clinic	Q	0	0	0	0	0	0	0	0
Fremont Community Health Services - Fremont Clinic	Q	0	0	0	0	0	0	0	0
Fremont Community Health Services - Sheridan	ସ	0	0	0	0	0	0	0	0
Fridley Children's & Teenagers' Medical Center	Q	0	0	0	0	0	0	0	0
Gary E. Schnitker, MD, PA	0	0	0	0	0	0	0	0	0
Gateway Family Health Clinic - Hinckley	Q	Q	Q	Ø	0	0	0	0	0
Gateway Family Health Clinic - Moose Lake	ଷ	Q	Q	Q	0	0	0	0	0
Gateway Family Health Clinic - Sandstone	ଷ	Q	Q	Q	0	0	0	0	0
Gillette Children's Specialty Healthcare - Burnsville Clinic	Q	ব	0	0	0	0	0	0	0

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Gillette Children's Specialty Healthcare - Maple Grove Clinic	ଷ	Q	0	0	0	0	0	0	0
Gillette Children's Specialty Healthcare - Minnetonka Clinic	Ø	0	0	0	0	0	0	0	0
Gillette Childrens Specialty Healthcare - St Paul Clinic	Ø	0	0	0	0	0	0	0	0
Gillette Lifetime Specialty Healthcare	Ø	Ø	0	Ø	0	0	0	0	0
Glencoe Regional Health Services	Ø	Q	0	Ø	0	0	Q	0	0
Glenwood Medical Center	Ø	Q	0	Ø	0	0	Q	0	0
Graceville Health Center Clinic	Q	Ø	0	Ø	0	0	0	0	0
Grand Itasca Clinic	Ø	Q	Q	Ø	0	0	0	0	0
Green Central Medical Clinic	Q	Q	0	Ø	Q	ଔ	Q	0	0
Hamm Clinic	Q	0	0	0	0	0	0	0	0
Hartberg Medical Clinic	0	0	0	0	0	0	0	0	0
Healing Spirit Clinic	Q	Q	Q	Q	Q	Q	ଏ	0	0
HealthEast - Cottage Grove	Q	ଏ	Q	ଷ	ଷ	Q	Q	0	0
HealthEast - Downtown St. Paul	ସ	Q	ও	Ø	ଏ	Q	ଏ	0	0
HealthEast - Eagan	0	ଏ	Q	ଷ	0	0	Q	0	0
HealthEast - Grand Avenue	Q	Q	Q	Q	Q	ଷ	ଏ	0	0
HealthEast - Hugo	Q	Q	Q	ଏ	Q	ଏ	ଏ	0	0
HealthEast - Maplewood	ଏ	Q	Q	Q	0	0	ଏ	0	0
HealthEast - Midway	ଏ	Q	Q	Q	Q	ଏ	Q	0	0
HealthEast - Oakdale	ସ	Q	Q	Q	ଏ	Q	ଏ	0	0
HealthEast - Rice Street	Q	Q	ଷ	Ø	Q	Q	Q	0	0
HealthEast - Roselawn	Q	Q	Q	Q	Q	Q	Q	0	0
HealthEast - St. Anthony Park	ଏ	ଏ	Q	ଷ	0	0	ଏ	0	0
HealthEast - Vadnais Heights	Q	Ø	Q	ଏ	Ø	Q	S	0	0
HealthEast - Woodbury	Q	ব	ଏ	ଏ	0	0	ø	0	0
HealthPartners - Apple Valley	Q	Q	Q	Q	Q	Ø	Q	Q	Q
HealthPartners - Arden Hills	ଏ	Q	Q	Ø	Ø	Ø	ø	Q	Q
HealthPartners - Bloomington	Q	Ø	Ø	ø	Ø	Ø	ø	Ø	Ø
HealthPartners - Brooklyn Center	ଏ	Ø	Q	Ø	Ø	Q	ଏ	Q	Q
HealthPartners - Center for International Health	Q	Ø	Ø	ø	Ø	S	ଏ	ø	ø
HealthPartners - Como	ব	ব	ଷ	ব	Ø	Q	ୢୖ	Q	S
HealthPartners - Coon Rapids	ଏ	Ø	Ø	ø	Ø	Q	ব	ଏ	Q
HealthPartners - Cottage Grove Clinic	ব	S	Q	ø	Q	Q	ୢୢ	S	ø
HealthPartners - Health Center for Women	Q	Ø	S	ø	Ø	3	ব	Q	Q
HealthPartners - Health Specialty Center	ସ	ଏ	ୢୢ	ୢ୰	ଏ	Q	ୢୢ	ଏ	ୢୢ
HealthPartners - Inver Grove Heights	3	Q	ব	ব	Q	3	Q	ଏ	Q
ے HealthPartners - Inver Grove Heights Psychiatry	ୢୢ	3	ও	ଷ	3	3	ୖ	ୢୢ	র
include and the electrologics is sychiatry	U	U	U	⋓	V	V	S	U	V

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HealthPartners - Maplewood	S	S	S	Ø	Ø	Q	Ś	ø	Ø	
HealthPartners - Midway	Ø	Ø	Ø	Ø	Ø	Ø	Ø	ø	ø	
HealthPartners - North Suburban Lino Lakes	Ø	Ø	Ø	Ø	S	Ø	ଏ	Ø	Ø	
HealthPartners - North Suburban Roseville	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	
HealthPartners - Parkway Clinic	Ø	S	Ø	ø	S	Ø	ଏ	S	ø	
HealthPartners - Regions Jackson Street Psychiatry	Ø	Ø	Ø	Ø	S	Ø	Ø	Ø	Ø	
HealthPartners - Regions Maplewood Psychiatry	Ø	Ø	Q	Ø	Ø	Ø	Ø	S	S	
HealthPartners - Regions Woodbury Psychiatry	Ø	Q	Q	Ø	Q	Q	Ø	S	Q	
HealthPartners - Riverside	ଏ	S	S	Ø	Ø	Ø	ଷ	g	Ø	
HealthPartners - Riverside Psychiatry	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	
HealthPartners - RiverWay Andover	ଷ	Ø	Ø	ø	Ø	Ø	ୢ୰	ø	Ø	
HealthPartners - RiverWay Anoka	Ø	ø	Ø	Ø	Ø	Ø	Q	Q	ø	
HealthPartners - RiverWay Elk River	Ø	Ø	Ø	Ø	Q	Ø	Ø	S	Ø	
HealthPartners - Speciality Center	Ø	Ø	Q	Ø	Q	Ø	Ø	S	Ø	
HealthPartners - St. Paul	Ø	Ø	Q	ୢ	Ø	Ø	Ø	ଏ	ø	
HealthPartners - West	Ø	Q	Ø	Ø	Ø	Ø	Ø	S	Ø	
HealthPartners - West Psychiatry	Ø	Q	Q	Ø	Ø	Ø	Ø	S	Q	
HealthPartners - White Bear Lake	Q	Q	Q	Ø	S	Ø	Q	Q	Q	
HealthPartners - Woodbury	Q	S	Q	Ø	Q	Q	Q	Q	Q	
HealthPartners Central Minnesota Clinics - St.Cloud	Ø	Q	Q	Ø	Q	Ø	Q	0	0	
HealthPartners Central Minnesota Clinics - Well @ Work	ଏ	Ø	Q	Ø	Ø	Ø	ଏ	0	0	
HealthPartners Sleep Health Center	Q	Q	Q	Ø	Q	0	Ø	0	0	
Heartland Orthopedic Specialists	ଏ	ଏ	ଷ	0	0	0	ଏ	Q	Q	
Hendricks Clinic P.A.	Q	0	0	0	0	0	0	0	0	
HFA - HCMC Ambulatory Burn and Wound Clinic	Q	ଏ	ଏ	ଏ	S	0	ø	ଏ	ଏ	
HFA - HCMC Bone and Mineral Metabolism Clinic	Ø	Ø	Q	Q	Ø	Ø	Ø	S	Q	
Hennepin Faculty Associates - HCMC Brooklyn Center Clinic	Q	ø	Q	ଷ	Q	Ø	Ø	Q	Q	
HFA - HCMC Child/Adolescent Psychiatry Clinic	Ø	S	Q	ø	Ø	0	S	Q	Ø	
Hennepin Faculty Associates - HCMC Colorectal Surgery Clinic	Q	Q	Q	Ø	Ø	ଏ	ଏ	Q	0	
Hennepin Faculty Associates - HCMC Dermatology Clinic	Q	ø	Q	ø	Ø	0	Q	Q	ø	
Hennepin Faculty Associates - HCMC Direct Care Medicine Clinic	ଏ	Q	Q	ଷ	Q	Q	ଏ	Q	Q	
Hennepin Faculty Associates - HCMC Ear, Nose and Throat Clinic	Q	Q	Q	Ø	Q	0	Q	Q	Q	
Hennepin Faculty Associates - HCMC East Lake Clinic	ଏ	Q	Q	ø	Q	Q	ଏ	Q	ø	
Hennepin Faculty Associates - HCMC Family Medical Center	Q	Q	Q	ୢ	Q	Q	Q	Q	Q	
Hennepin Faculty Associates HCMC General Surgery Clinic	Q	Q	ଏ	ଏ	Q	Q	Q	ଏ	0	
Hennepin Faculty Associates HCMC GI Medicine Clinic	Ø	Q	Q	Ø	Ø	Q	Ø	Q	Q	
Hennepin Faculty Associates - HCMC Hennepin Heart Center	Ø	ø	Q	ଷ	Q	Q	ଷ	Q	Q	

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Hennepin Faculty Associates - HCMC Medicine Clinic	S	S	Ø	Ø	S	Ø	<u>ح</u>	J	Ø
HFA - HCMC Minnesota Regional Sleep Disorders Center	Ø	Ø	Ø	Ø	Q	0	Ø	J	S
Hennepin Faculty Associates - HCMC Neurology Clinic	র	র	Q	ୖ	ୢୢ	0	র	3	S
Hennepin Faculty Associates - HCMC Neurosurgery Clinic	Ø	Ø	Ø	Ø	Q	Ø	র	Q	0
Hennepin Faculty Associates - HCMC OB/GYN Clinic	ୢ	S	Ø	র	ଏ	Ø	র	3	S
Hennepin Faculty Associates - HCMC Ophthalmology Clinic	ø	S	Ø	ø	Q	0	র	Q	ø
Hennepin Faculty Associates - HCMC Orthopaedic Specialty Ctr.	ø	ୢୢ	3	র	র	র	Ø	Q	0
Hennepin Faculty Associates - HCMC Pediatric Clinic	ୢ	Ø	Ø	Ø	Ø	Q	ø	Ø	Ø
HFA - HCMC Physical Medicine and Rehabilitation Clinic	ୢୢ	Ø	Ø	Ø	ব	0	ୢୢ	g	Ø
Hennepin Faculty Associates - HCMC Plastic Surgery Clinic	Ø	S	Ø	S	S	Ø	ୖ	J	0
Hennepin Faculty Associates - HCMC Podiatry Clinic	ୢ	3	Ø	ø	S	S S	ୖ	J	0
Hennepin Faculty Associates - HCMC Positive Care Clinic	Ø	S	3	Ø	S	<b>S</b>	Q	3	S
Hennepin Faculty Associates - HCMC Pulmonary Clinic	ୢ	র	3	র	র	0	ୢୖ	ୢୢ	3
Hennepin Faculty Associates - HCMC Rheumatology Clinic	Q	Q	3	Ø	Q	0	Q	Q	S
Hennepin Faculty Associates - HCMC Richfield Clinic	ୢୢ	Q	3	র	Q	Ø	Ø	ୢୢ	ব
Hennepin Faculty Associates - HCMC Transplant Clinic	Ø	Ø	Q	র	Q	0	ୢ	Q	Q
Hennepin Faculty Associates - HCMC Urology Clinic	র	র	3	র	Ø	3	ୢୢ	র	র
Hennepin Faculty Associates - HCMC Vascular Access Clinic	র	Q	3	Ø	S	0	Ø	Q	S
Hennepin Faculty Associates - HCMC Whittier Clinic	୍	র	র	ব	ଏ	3	୍	ଏ	র
Hennepin Faculty Associates - Hennepin Bariatric Center	ୢୢ	Ø	Q	Ø	Q	0	Ø	Q	S
HFA - Hennepin Center for Diabetes & Endocrinology	୍	ଏ	র	ব	ଏ	3	র	ଏ	র
Hennepin Faculty Associates - Hennepin Center for Senior Care	ୢୢ	Q	3	ব	Q	Ø	ୢୢ	ଏ	ø
HFA - Hennepin Comprehensive Cancer Center	ୢୢ	Ø	র	র	ୢୢ	0	ୢୖ	র	Q
HFA - HFA Addiction Medicine Clinic - 8th Street	ø	Ø	0	র	Õ	0	ø	0	0
HFA - HFA Addiction Medicine Clinic - Park Avenue	র	ଏ	0	ୢ୰	0	0	ୢୖ	0	0
Hennepin Faculty Associates - HFA Alternative Medicine Clinic	ø	Ø	ব	র	Ø	Ø	ø	Q	Q
Hennepin Faculty Associates - HFA Eye Clinic and Optical Shop	র	র	র	ব	3	0	ୢୖ	র	ଷ
Hennepin Faculty Associates - HFA Inst. for Bone and Joint Care	ø	Ø	Q	র	3	0	Q	3	Q
Hennepin Faculty Associates - HFA Internal Medicine Clinic	ୖୢ	S	ୢୖ	ୖୢ	ବ	3	S	ଏ	S
Hennepin Faculty Associates - HFA Interventional Pain Clinic	ଏ	Q	Q	র	ୡ	0	ୢ	Q	Q
Hennepin Faculty Associates - HFA Multispecialty Clinic	ୢ୰	ø	Q	র	ଏ	3	ୢୢ	3	3
HFA - HFA OB/GYN in Specialty Services Clinic	ୢୢ	Q	S	র	Q	0	ୢୖ	Q	Q
Hennepin Faculty Associates - HFA Pediatric Clinic	র	ୢୖ	Ø	র	ଏ	3	ୢୖ	3	3
Hennepin Faculty Associates - HFA Psychiatry Clinic	ব	Q	র	র	Q	Ø	ব	ଏ	Q
Hennepin Faculty Associates - HFA Riverside Surgery Clinic	ব	ଏ	S	র	র	0	ୢୢ	ব	S
Hennepin Faculty Associates - HFA Senior Care Clinic at Augustana	ব	Q	Q	ୢ୰	Q	Q	ୢୢ	Ø	Q
Hennepin Faculty Associates - HFA Specialty Services Clinic	ব	র	ও	ব	ଏ	3	ও	Q	Q
Henning Medical Clinic	Ø	0	0	0	0	0	0	0	0

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What does this Information Mean?								I S O O		
S = Milestone Achieved = Milestone Not	t Achiev	ed	Ø	33		S S C		00		
CLINIC NAME	I	ADOPT			USE		E	XCHAN	IGE	
Herman Clinic	Q	0	0	0	0	0	Q	0	0	
HSI Cottage Grove	ୖ	0	0	0	0	0	ୖ	0	0	
HSI Oakdale	ଷ	0	0	0	Ο	Ο	0	0	0	
Human Development Center - 1401	ଏ	Q	0	0	0	0	0	0	0	
Human Development Center - Lake County	ଷ	Q	0	0	0	0	0	0	0	
Human Development Center -Spirit Valley	Q	Q	0	0	0	0	0	0	0	
Hutchinson Area Health Care-Behavioral Health Services	ଷ	ଏ	0	Q	0	0	0	0	0	
Hutchinson Area Health Care - Dassel Medical Center	ଔ	Q	0	Q	0	0	0	0	0	
Hutchinson Area Health Care - Oncology Clinic	ଏ	Q	0	Q	0	0	0	0	0	
Hutchinson Area Health Care - Orthopaedic & Fracture Clinic	Q	Q	0	Q	0	0	0	0	0	
Hutchinson Medical Center	Q	Q	Q	Q	0	0	ব	0	0	
Innovis Health - Fosston	ଏ	Q	Q	Q	0	0	0	0	0	
Innovis Health - Jamestown	Q	ଷ	Q	ଷ	0	0	0	0	0	
Innovis Health - Lisbon	ଏ	Q	Q	Q	0	0	0	0	0	
Innovis Health - Menahga	ଷ	Q	Q	ଷ	0	0	0	0	0	
Innovis Health - Moorhead	ଏ	S	Q	Q	0	0	0	0	0	
Innovis Health - Park Rapids	Q	ଏ	Q	ଷ	0	0	0	0	0	
Innovis Health - South University	ଷ	Q	ଷ	Q	0	0	0	0	0	
Innovis Health - Valley City	ଏ	Q	Q	Q	0	0	0	0	0	
Innovis Health - Wahpeton	ସ	Q	Q	ଔ	0	0	0	0	0	
Innovis Health - Walker	ଷ	ও	ଏ	ଷ	0	0	0	0	0	
Innovis Health - West Acres	ସ	ସ	Q	ଷ	0	0	0	0	0	
Innovis Health - West Fargo	ସ	ଷ	ଏ	ଷ	0	0	0	0	0	
Institute for Low Back & Neck Care - Minneapolis	Q	ଷ	ଷ	ଷ	0	0	0	0	0	
Institute for Low Back & Neck Care - Plymouth	Q	ଷ	ଏ	ଷ	0	0	0	0	0	
Integracare Ltd. dba- Williams Clinic	ଏ	0	0	0	0	0	ୖ	0	0	
InterMed Consultants, Ltd	ଷ	0	0	0	0	0	0	0	0	
Itasca Surgical Clinic	0	0	0	0	0	0	0	0	0	
J and J Holmes	Q	0	0	0	0	0	ଷ	0	0	
Janning ENT Center, LLC	Q	Ø	Q	0	0	0	0	0	0	
Jasper Family Clinic / Avera	ସ	0	0	0	0	0	0	0	0	
John A. Haugen Associates, PA - Edina	ଏ	0	0	0	0	0	0	0	0	
John A. Haugen Associates, PA - Minneapolis	Q	0	0	0	0	0	0	0	0	
John A. Haugen Associates, PA - Plymouth	Q	0	0	0	0	0	0	0	0	
Kass Clinics	ଏ	Ø	0	0	0	0	0	0	0	
KDWB University Pediatrics Family Center	Q	Q	Q	ଏ	0	0	Q	0	0	
Kidney Specialists of Minnesota, PA - Brooklyn Center	Q	Ø	ଏ	ও	ଏ	ଏ	ଏ	ব	0	

What does this Information Mean?				ADOPT	1	USE	і E:		
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CLINIC NAME	1	ADOP1			USE		ΕX	CHAN	GE
Kidney Specialists of Minnesota, PA - Coon Rapids	Q	Q	Q	Q	Q	Ø	Q	Q	0
Kidney Specialists of Minnesota, PA - Minneapolis	Q	Q	Q	ଔ	Ø	Q	ଏ	Q	0
Kidney Specialists of Minnesota, PA - St. Paul	ଷ	ଏ	ଏ	ଷ	Q	Q	ସ	ଷ	0
Kidney Specialists of Minnesota, PA - Robbinsdale	Q	ଏ	ଔ	ଷ	ସ	Q	Q	ଏ	0
Lake Benton Healthcare Center	ଷ	0	0	0	0	0	0	0	0
Lake Superior Community Health Center - Duluth	Q	0	0	0	0	0	0	0	0
Lake View Clinic - Two Harbors	ର	Q	Q	ଔ	Ο	0	Ø	Q	0
Lakeland Mental Health Center - Alexandria	Q	ଏ	ଏ	0	0	0	0	0	0
Lakeland Mental Health Center - Detroit Lakes	0	Q	Q	0	0	0	0	0	0
Lakeland Mental Health Center - Fergus Falls	3	Q	ସ	0	0	0	0	0	0
Lakeland Mental Health Center - Glenwood	Ø	ଏ	Q	0	0	0	0	0	0
Lakeland Mental Health Center - Moorhead	0	Q	Q	0	0	0	0	0	0
Lakes Area Urology	Q	0	0	0	0	0	0	0	0
Lakeview Medical Clinic	Q	Q	0	Q	0	0	Ø	0	0
LakeWood Heatlh Center Clinic	ଷ	0	0	0	0	0	0	0	0
Lakewood Heatlh System - Browerville Clinic	Q	ଏ	ଏ	ଷ	S	Q	ଏ	0	0
Lakewood Health System - Eagle Valley Clinic	Q	Q	ଏ	ଷ	Q	Q	Q	0	0
Lakewood health System - Motley Clinic	Ø	ସ	Q	ଷ	ଏ	ଷ	ଏ	0	0
Lakewood Health System - Pillager Clinic	ଷ	Q	Q	Q	Q	ଷ	ଏ	0	0
Lakewood Health System - Staples Clinic	Q	Q	Q	0	0	0	0	0	0
Life Medical	ଷ	Q	ଏ	ସ	Q	0	ସ	0	0
LifeSteps Family Physicians PA	Q	ଏ	Q	Q	Q	Q	0	0	0
Little Falls Northern Pine Mental Health	0	0	0	0	0	0	0	0	0
Lufkin Eye Clinic, PA	Q	0	0	0	0	0	0	0	0
Mankato Clinic - Daniel's Health Center	Ø	Q	Q	ଔ	Q	Q	ଔ	0	0
Mankato Clinic - Lake Crystal	Q	Q	ଏ	Ø	Q	Q	Ø	0	0
Mankato Clinic - Main Street	Q	Q	Q	ଏ	Q	Q	ଏ	0	0
Mankato Clinic - Mapleton	ଷ	Q	Q	Ø	ସ	Q	ଔ	0	0
Mankato Clinic - North Mankato	ଷ	Q	Q	ଏ	Q	ଷ	ଏ	0	0
Mankato Clinic - Wickersham Campus	Q	Q	Q	Q	Q	Q	Q	0	0
Mankato Clinic Dep. of Dermatology, Diabetes & Nutrition Edu.	ଷ	Q	ସ	Q	Q	ଷ	ଷ	0	0
Mankato Clinic Department of Psychiatry & Psychology	Q	Q	Q	ଔ	ଷ	ଏ	Q	0	0
Mankato Clinic Endoscopy Center	ଷ	0	0	0	0	0	0	0	0
Maplewood Cancer center	Ø	0	0	0	0	0	0	0	0
MAPS Medical Clinic - Edina	0	ଷ	Q	Q	ଏ	0	0	0	0
MAPS Medical Clinic - Maple Grove	Q	Q	Q	Q	Q	0	0	0	0

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			-	d	USE		-			
MAPS Medical Pain Clinic - Coon Rapids	S	3	3	Ø	Q	0	0	0	0	
Marshall Clinic	g	0	0	0	0	0	0	0	0	
Mayo Clinic - Baldwin Building, Family Medicine	Ø	Ø	Ø	Ø	Ø	Ø	ଔ	Ø	0	
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	Ø	Ø	Q	Ø	Ø	3	Ø	Q	0	
Mayo Clinic - Generose Building	Q	Q	Ø	Ø	Ø	0	Q	Q	0	
Mayo Clinic - Kasson	Q	Q	Ø	Ø	Ø	Ø	Ø	Ø	0	
Mayo Clinic - Northeast	Q	Q	ଔ	Q	Q	ଷ	Ø	Q	0	
Mayo Clinic - Northwest	Ø	Q	Q	Ø	Ø	Q	Q	Q	0	
Mayo Clinic - Referral Practice	Ø	Q	Q	Ø	Q	0	Q	Q	0	
Mayo Health System - Franciscan Skemp - Prairie de Chien	Q	Q	Q	Q	Q	Q	0	0	0	
Mayo Health System - Albert Lea Medical Center	Q	Q	ଷ	Q	Q	Q	Q	0	0	
Mayo Health System - Albert Lea Medical Center - Alden Clinic	Q	Q	Q	Q	Q	Q	Q	0	0	
Mayo Health System - Albert Lea Medical Center - Kiester Clinic	Q	Q	Q	ଷ	Q	Q	ଷ	0	0	
Mayo Health System - Albert Lea Medical Center - New Richland	Q	Q	Q	Q	Q	ଷ	Q	0	0	
Mayo Health System - Albert Lea Medical Center - Wells Clinic	ଏ	Q	Q	ଷ	ଏ	ଷ	ଏ	0	0	
Mayo Health System - Austin Medical CEnter - Adams Clinic	Q	ଏ	ଏ	0	0	0	0	0	0	
Mayo Health System - Austin Medical Center - Blooming Prairie	ଔ	Q	ଏ	0	0	0	0	0	0	
Mayo Health System - Austin Medical Center - Grand Meadow	Q	ଏ	Q	0	0	0	0	0	0	
Mayo Health System - Austin Medical Center - LeRoy Clinic	ଏ	Q	Q	0	0	0	0	0	0	
Mayo Health System - Cannon Falls Medical Center	Q	0	0	0	0	0	0	0	0	
Mayo Health System - Cannon Valley Clinic - Kenyon	ଏ	ଏ	Q	Q	0	0	ଏ	0	0	
Mayo Health System - Fairmont Medical Center	ଏ	0	0	0	0	0	0	0	0	
Mayo Health System - Fairmont Medical Center - Armstrong Clinic	ଏ	0	0	0	0	0	0	0	0	
Mayo Health System - Fairmont Medical Center - Sherburn	Q	0	0	0	0	0	0	0	0	
Mayo Health System - Fairmont Medical Center - Truman Clinic	ଷ	0	0	0	0	0	0	0	0	
Mayo Health System - Franciscan Skemp - Arcadia	Q	ସ	Q	Q	0	0	0	0	0	
Mayo Health System - Franciscan Skemp - Caledonia	Q	Q	Q	Q	ଷ	ଏ	0	0	0	
Mayo Health System - Franciscan Skemp - LaCrescent	Q	Q	Q	Ø	Ø	Q	0	0	0	
Mayo Health System - Franciscan Skemp - LaCrosse	ø	Ø	Q	Ø	0	0	0	0	0	
Mayo Health System - Franciscan Skemp - Sparta	Ø	0	0	0	0	0	0	0	0	
Mayo Health System - Franciscan Skemp - Holmen	ଏ	Q	Q	Ø	Ø	Q	0	0	0	
Mayo Health System - Franciscan Skemp - Lake Tomah	ø	ø	Q	Ø	0	0	0	0	0	
Mayo Health System - Franciscan Skemp - Onalaska	ଷ	ଏ	Q	Ø	0	0	0	0	0	
Mayo Health System - Immanuel St. Joseph's - Comfrey Clinic	Ø	Ø	S	Ø	0	0	Ø	0	0	
Mayo Health System - Immanuel St. Joseph's - Janesville Clinic	ব	ୢ	Q	ব	0	0	ଏ	0	0	
Mayo Health System - Immanuel St. Joseph's - Lamberton Clinic	র	Ø	Ø	র	0	0	Q	Q	0	
Mayo Health System - Immanuel St. Joseph's - Trimont Clinic	ୢୢ	3	3	ୖ	0	0	ୢୖ	0	0	

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		ADOPT			USE			KCHAN	IGE
Mayo Health System - Immanuel St. Joseph's - Waterville Clinic	S	Ø	ଷ	Q	0	0	Q	0	0
Mayo Health System - Immanuel St. Joseph - Madelia	Ø	Q	Q	Ø	S	Q	Q	S	0
Mayo Health System - Immanuel St. Joseph - Mankato Eastridge	Q	Q	Q	Q	0	0	Q	0	0
Mayo Health System - Immanuel St. Joseph - Mankato Northridge	Q	Q	Q	Q	0	0	Q	0	0
Mayo Health System - Immanuel St. Joseph - St. James	Q	0	0	0	0	0	0	0	0
Mayo Health System - Immanuel St. Joseph - St. Peter	Ø	Ø	Q	Ø	0	0	Ø	0	0
Mayo Health System - Immanuel St. Joseph - Waseca	Q	Ø	ଷ	Ø	0	0	Q	0	0
Mayo Health System - Immanuel St. Joseph - Parkview Clinic	Ø	Ø	Q	Ø	Q	Q	Q	Q	0
Mayo Health System - Lake City	Q	Q	ଷ	Q	0	0	ସ	0	0
Mayo Health System - Lake City Medical Center - Alma Clinic	Q	Q	Q	Q	0	0	Q	0	0
Mayo Health System - Lake City Medical Center - Plainview Clinic	ଷ	Q	ଏ	ୖ	0	0	Q	0	0
Mayo Health System - Luther Midelfort - Chippewa Valley	Q	Q	Q	Ø	0	0	0	0	0
Mayo Health System - Luther Midelfort - Eau Claire	ଏ	Q	ଏ	Q	0	0	0	0	0
Mayo Health System - Luther Midelfort - Northland	Q	Q	Q	ଏ	0	0	0	0	0
Mayo Health System - Oakridge	ଷ	Q	ଏ	ଏ	0	0	0	0	0
Mayo Health System - Owatonna Clinic	Q	0	0	0	0	0	0	0	0
Mayo Health System - Red Cedar Medical Center	ଏ	Q	0	Q	0	0	Q	ସ	0
Mayo Health System - Wabasha Clinic	Q	0	0	0	0	0	0	0	0
Mayo Health System - Cannon Valley Clinic	ଏ	Q	Q	ଏ	0	0	ସ	0	0
Mayo Health System - Franciscan Skemp - Waukon	Q	Q	Q	Q	Q	Q	0	0	0
Mayo Health System - Immanuel St. Joseph's - Le Sueur	Q	ଏ	ଏ	ଔ	0	0	Q	0	0
MHS - Immanuel St. Joseph's - Mankato Specialty Care	Q	Q	Q	Q	0	0	Q	0	0
Mayo Health System - Immanuel St. Joseph's - Springfield	Q	ସ	ଏ	ଔ	0	0	ଏ	Q	0
Mayo Health System - Austin Medical Center	Q	Q	ଏ	0	0	0	0	0	0
MD Clinic, INC.	Q	ଷ	ସ	0	0	0	Q	Q	ø
Medical Care Services, PA	0	0	0	0	0	0	ଏ	0	0
Mendakota Pediatrics	ସ	ଷ	ଏ	ও	Q	Q	ସ	0	0
Mercy Radiation Therapy Center	Q	0	0	0	0	0	0	0	0
MeritCare - Bemidji	Q	ସ	ସ	ব	Q	Q	0	0	0
MeritCare - Bemidji 1611 North	Q	Ø	Q	ଏ	Q	Q	0	0	0
MeritCare - Bemidji Family	ସ	ଏ	ସ	ও	ସ	ଷ	0	0	0
MeritCare - Bemidji Internal Medicine	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - Black Duck	Q	Q	Q	Ø	Q	Q	0	0	0
MeritCare - Breast Clinic	ଏ	Q	Q	Q	Q	ও	0	0	0
MeritCare - Broadway	ଏ	Q	Q	Q	Q	Q	0	0	0
MeritCare - Broadway Internal Medicine	Q	Q	Q	Ø	Q	Q	0	0	0
MeritCare - Cass Lake	ø	Ø	Ø	Ø	Ø	Ø	0	0	0

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CLINIC NAME	ļ	ADOPT			USE		E	KCHAN	IGE
MeritCare - Children's Southwest	S	S	Q	Q	S	S	0	0	0
MeritCare - Detroit Lakes	Ø	Ø	Ø	Ø	ø	Ø	0	0	0
MeritCare - Detroit Lakes Behavioral Health	Ø	S	S	Ø	S	Ø	0	0	0
MeritCare - East Grand Forks	Ø	S	Ø	Ø	S	Ø	0	0	0
MeritCare - Edgeley	Ø	Ø	Ø	Ø	Ø	Ø	0	0	0
MeritCare - Enderlin	Ø	S	Q	Ø	Q	Ø	0	0	0
MeritCare - Endocrinology	ଏ	Q	Q	ସ	S	S	0	0	0
MeritCare - Fargo Dermatology & Laser Clinic	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - Halstad	Q	Q	Q	ব	ব	Q	0	0	0
MeritCare - Hawley	Q	Ø	Q	ଷ	Q	Q	0	0	0
MeritCare - Hillsboro	ଷ	Q	ଏ	ଏ	Ø	ଏ	0	0	0
MeritCare - Jamestown	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - Mahnomen	Q	Q	Q	ଷ	Q	ଏ	0	0	0
MeritCare - Mayville	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - Neuroscience Center	Q	Q	Q	ସ	ଏ	ଏ	0	0	0
MeritCare - New York Mills	Q	Q	ଏ	ଔ	Q	ଏ	0	0	0
MeritCare - North Fargo	Q	ଏ	ଏ	Q	Q	Q	0	0	0
MeritCare - Occupational Health	ଏ	Q	Q	Q	ସ	ଏ	0	0	0
MeritCare - Ottertail	ଷ	Q	ଏ	ଷ	Q	Q	0	0	0
MeritCare - Pelican Rapids	ସ	ଏ	Q	Q	Q	Q	0	0	0
MeritCare - Perham	ସ	ସ	ଏ	ଷ	ଏ	ଷ	0	0	0
MeritCare - Preventive Cardiology	ସ	ଏ	Q	Q	Q	ଏ	0	0	0
MeritCare - Professional Building	Q	Q	ଏ	ଷ	ଏ	ଏ	0	0	0
MeritCare - Reproductive Medicine	ଏ	Q	Q	ଷ	ଏ	S	0	0	0
MeritCare - Resident Clinic	Q	ଷ	Q	ସ	ଏ	ଏ	0	0	0
MeritCare - Roger Maris Cancer Center	Q	Ø	Q	ଷ	ଷ	ଏ	0	0	0
MeritCare - South Moorhead	ସ	ଷ	ଏ	ଷ	Q	Q	0	0	0
MeritCare - South Moorhead Family Medicine	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - South Moorhead Internal Medicine	Q	ଏ	Q	Ø	Q	Q	0	0	0
MeritCare - South University	Q	Q	Q	ସ	Q	ଏ	0	0	0
MeritCare - South University Walk-in Clinic	Q	Q	ଷ	ଷ	Q	ଷ	0	0	0
MeritCare - Southpointe	ଷ	Q	Q	Q	Q	ଷ	0	0	0
MeritCare - Southpointe Family Medicine	ଷ	Ø	Q	Ø	Q	ଷ	0	0	0
MeritCare - Southpointe Internal Medicine	Q	Q	Q	ଔ	Q	Q	0	0	0
MeritCare - Thief River Falls Northwest Clinic	Q	Q	Q	Q	Q	Q	0	0	0
MeritCare - Twin Valley	ଷ	Q	Q	Q	Q	Q	0	0	0
MeritCare - Ulen	Q	Q	Q	Ø	Q	Q	0	0	0

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	_			_	LICE	-	- -			
MeritCare - Valley City	্		Ø	Ø	USE	S	1			
MeritCare - Wahpeton	র	Ø	S	Image: Constraint of the second secon	3	Ø	0	0	0	
MeritCare - Walker	্	র	Q	ୖ	3	ୢ		0	0	
MeritCare - West Fargo	ୢୖ	S	Ø	S S	3	Q	0	0	0	
-	ন্থ প্র		-	-		-	0	0	0	
Metro Urology - Fridley Clinic	Q	0	0	0	0	0	0	0	0	
Metro Urology - Maplewood Office	ୢୖ	0	0	0	0	0	0	0	0	
Metro Urology - Plymouth	ୢୖ	0	0	0	0	0	0	0	0	
Metro Urology - St. Paul Office		0	0	0	0	0	0	0	0	
Metro Urology - Woodbury Office	Ø	0	0	0	0	0	0	0	0	
Metropolitan Internists, PA	Ø	0	0	0	0	0	3	0	0	
Metropolitan Medical Associates	S	0	0	0	0	0	0	0	0	
Metropolitan Pediatrics Specialists - Burnsville	Ø	Ø	Ø	Ø	0	0	Ø	0	0	
Metropolitan Pediatrics Specialists - Edina	S	Ø	Ø	S	0	0	Ø	0	0	
Metropolitan Pediatrics Specialists - Shakopee	J	Ø	Ø	Ø	0	0	Ø	0	0	
Mid Minnesota Family Medicine Center	g	3	3	0	Ø	Ø	3	Q	0	
Midwest ENT Specialists - Eagan	Ø	0	0	0	0	0	0	0	0	
Midwest ENT Specialists - Maplewood	J	0	0	0	0	0	0	0	0	
Midwest ENT Specialists - St. Paul	Ø	0	0	0	0	0	0	0	0	
Midwest ENT Specialists - Woodbury	g	0	0	0	0	0	0	0	0	
Midwest Immunology Clinc	ଔ	Ø	3	Ø	3	0	Ø	0	0	
Midwest Spine Institute	ଔ	Ø	0	Ø	0	0	S	0	0	
Migrant Health Service	ଔ	Ø	S	Ø	Ø	3	Ø	0	0	
Milan Clinic	S	Q	3	ଔ	Q	0	Q	0	0	
Mille Lacs Health System - Garrison	Ø	0	0	0	0	0	0	0	0	
Mille Lacs Health System - Hillman	g	0	0	0	0	0	0	0	0	
Mille Lacs Health System - Isle	J	0	0	0	0	0	0	0	0	
Mille Lacs Health System - Onamia	J	0	0	0	0	0	0	0	0	
Minneapolis Clinic of Neurology - Burnsville	Ø	0	0	0	0	0	0	0	0	
Minneapolis Clinic of Neurology - Coon Rapids	J	0	0	0	0	0	0	0	0	
Minneapolis Clinic of Neurology - Edina	Ø	0	0	0	0	0	0	0	0	
Minneapolis Clinic of Neurology - Golden Valley	J	0	0	0	0	0	0	0	0	
Minneapolis Clinic of Neurology - Maple Grove	Ø	0	0	0	0	0	0	0	0	
Minnesota Center for Obesity, Metabolism, and Endocrinology	g	Ø	Q	3	3	0	Ø	Q	Ø	
Minnesota Epilepsy Group, PA	Ø	0	0	0	0	0	0	0	0	
MLC/ Minnesota Sleep Institute - Burnsville 501 Nicollet	0	0	0	0	0	0	Ø	0	0	
MLC/ Minnesota Sleep Institute - Burnsville 675 Nicollet	0	0	0	0	0	0	Ø	0	0	
Minnesota Lung Center/ Minnesota Sleep Institute - Edina	0	0	0	0	0	0	Q	0	0	

Image: Clinic NAME       Image: Clinic NAME         Minnesota Lung Center/Minnesota Sleep Institute - Fridley         Minnesota Lung Center/Minnesota Sleep Institute - Minneapolis		ADOPT		I I I	USE	00		00	
Minnesota Lung Center/Minnesota Sleep Institute - Fridley	0	0			USE	-	1		
Minnesota Lung Center/Minnesota Sleep Institute - Fridley	0	0			USE		EXCHANG		
	0	-				0			
Minnesota Lung Center/Minnesota Sieep Institute - Minneapolis			0	0	0	0	S	0	0
		0	0	0	0	0	S	0	0
Minnesota Lung Center/Minnesota Sleep Institute - Plymouth		0	0	0	0	0	Ø	0	0
Minnesota Lung Center/Minnesota Sleep Institute - Stillwater	0	0	0	0	0	0	ଔ	0	0
Minnesota Lung Center/Minnesota Sleep Institute - Woodbury	0	0	0	0	0	0	Q	0	0
Minnesota Oncology - Burnsville	Ø	0	0	0	0	0	0	0	0
Minnesota Oncology - Coon Rapids	Q	Q	Q	Ø	Q	0	Q	0	0
Minnesota Oncology - Edina	Ø	0	0	0	0	0	0	0	0
Minnesota Oncology - Fridley	Q	Q	Q	Ø	Q	0	0	0	0
Minnesota Oncology - Minneapolis	Ø	Q	Q	Q	Q	0	0	0	0
Minnesota Oncology - Waconia	ଷ	0	0	0	0	0	0	0	0
Minnesota Oncology - Woodbury	Q	Q	0	Q	0	0	0	0	0
Minnesota Oncology Gyn - Coon Rapids	ଔ	Q	Q	ଔ	0	0	0	0	0
Minnesota Sleep Institute - Lake Elmo	0	0	0	0	0	0	ଏ	0	0
Minnesota Sleep Institute - Stillwater	0	0	0	0	0	0	ଏ	0	0
Multicare Associates - Blaine Medical Center	ଔ	0	0	0	0	0	0	0	0
Multicare Associates - Fridley Medical Center	Q	0	0	0	0	0	0	0	0
Multicare Associates - Roseville Medical Center	ୖ	0	0	0	0	0	0	0	0
Murray County Clinic	ଷ	Q	Q	ଷ	ଏ	0	Q	0	0
Native American Community Clinic	ଏ	0	0	0	0	0	0	0	0
Neurosurgical Associates, Ltd 28th Street	ଏ	ଏ	0	0	0	0	Q	0	0
Neurosurgical Associates, Ltd France Avenue	ଏ	Q	0	0	0	0	ସ	0	0
New Spirit Women's Clinic	Q	ଏ	ଏ	ଷ	0	0	ଏ	0	0
Noran Clinic - Brooklyn Center	Q	Q	Q	Q	Q	0	0	0	0
Noran Clinic - Burnsville	Ø	ଏ	Q	ø	Q	0	0	0	0
Noran Clinic - Edina	Q	Q	Q	Ø	Q	0	0	0	0
Noran Clinic - Fridley	Ø	ø	ଏ	Q	Ø	0	0	0	0
Noran Clinic - Maplewood	Ø	ø	Ø	ø	Ø	0	0	0	0
Noran Clinic - Minneapolis	Ø	Ø	Ø	Ø	Ø	0	0	0	0
Noran Clinic - West Health	Ø	S	Ø	Ø	Ø	0	0	0	0
North Clinic - Maple Grove Office	Ø	0	0	0	0	0	0	0	0
North Clinic - Oakdale Office in Robbinsdale	Ø	0	0	0	0	0	0	0	0
North Clinic - Osseo Office	ଷ	0	0	0	0	0	0	0	0
North Clinic - WestHealth Office in Plymouth	Q	0	0	0	0	0	0	0	0
North Memorial Clinic - Brooklyn Center Physicians	Ø	ୢୢ	Q	র	3	3	র	Q	0
North Memorial Clinic - Brooklyn Park Physicians	Ø	Q	3	র	Ø	3	Ø	S	0
North Memorial Clinic - Camden Physicians - Mpls	Ø	ୢ	3	ଔ	3	3	3	0	0

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North Memorial Clinic - Camden Physicians Maple Grove	্র		J	S	USE	S	E.	CHAN O	O
North Memorial Clinic - Camden Physicians Maple Glove	S	Q	3	Ø	Q	Ø	3	0	0
North Memorial Clinic - Elk River Physicians	Ś	ୢ	3	S	ୖ	3	<b>S</b>	ୢୢ	0
North Memorial Clinic - Golden Valley Physicians	র	S	Q	3	Q	3	S S	S	0
North Memorial Clinic - Minnetonka Physicians	ୢ	ୢ	Ø	Ø	ୢୖ	Ø	ୢୖ	ୖ	0
North Memorial Clinic - Northeast Family Physicians	S	Q	S S	3	Q	8	Q	S	0
North Memorial Clinic - Plymouth Internal Medicine	ন্থ ব	র	3	Q	ୢ	8	3	ୖ	0
North Memorial Heart & Vascular Institute	S	0	0	0	0	-	0	0	0
North Metro Pediatrics	ন্থ ব্				-	0	-		-
North Radiation Therapy Center	3	0	0 d	S S	0	0	0	0	0
North Kadiation Therapy Center	୍ ୧୪	_	3		0	0		0	0
Northeast Pediatric Clinic	S S	0	0	0	0	0	0	0	0
Northern Lights Pediatric & Adolescent Medicine - Hugo	3	0	0	0	0	0	0	0	0
Northern Lights Pediatric & Adolescent Medicine - Hugo		0	0	0	0	0		0	0
Northfield Eye Physicians and Surgeons	Ø	0	0	0	0	0	S	0	0
Northland Ear Nose and Throat Associates, PA	র থ	Q	Ø	3	0	0	ତ ତ	Ø	0
Northland Ear Nose and Throat Associates, PA	3	0	0	0	0	0		0	0
NorthPoint Health & Wellness Center	3	0	0	0	0	<b>0</b>	0	0	0
Northside Medical Clinic	থ	-	-		-	-	ି ଏ	-	0
Northstar Physicians - Central Lakes Medical Clinic	୍ ଏ	0	0	0	0	0		0	0
ND - Central Lakes Medical Clinic-Internal Medicine	୍ ତ୍	3	ି ଅନ୍	3	<u>ଏ</u>	3	Ø	0	0
Northstar Physicians - Christopher J Wenner, MD, PA	S S		Q	3		-	ୢୖ	0	0
Northstar Physicians - Crimstopher J Wenner, MD, PA	3	<u>ଏ</u>	3	୍ଷ (୪	Ø	8		0	0
	3		<b>S</b>	(V)	3	0	3	0	0
Northstar Physicians-Dermatology Professionals, PA		Ø			0	0		0	0
Northstar Physicians - Duluth Family Practice Center	g	Ø	Q	Q	0	0	0	0	0
Northstar Physicians - Iron Range Clinic	J	0	0	0	0	0	0	0	0
Northstar Physicians - Lake Superior Internal Medicine	ଔ	0	0	0	0	0	0	0	0
Northstar Physicians - Longville Lakes Clinic	Ø	Ø	Ø	Ø	Ø	3	Ø	3	0
NP - North Woods Community Health Center in Hayward Northstar Physicians - Northland Family Physicians	Ø	Ø	Ø	Ø	0	0	0	0	0
	Ø	3	Ø	<b>S</b>	3	0	3	0	0
Northstar Physicians - Raiter Clinic	J	0	0	0	0	0	0	0	0
Northstar Physicians-Joseph Sivak, MD, PLLC	Ø	0	0	0	0	0	0	0	0
Northstar Physicians-Kundel Pediatric Associates	Ø	Ø	Ø	ଔ	0	0	0	0	0
Northstar Physicians-Kurtis A Waters, MD, PA	J	3	3	Ø	0	0	ø	0	0
Northstar Physicians-Northland Gastroenterology	I	0	0	0	0	0	0	0	0
Northstar Physicians - Relf Eye Associates	Ø	0	0	0	0	0	0	0	0
Northstar Physicians - The Lakes Community Health Center	Q	0	0	0	0	0	0	0	0

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Northwest Eye - Elk River	ব	0	0	0	0	0	0	0	0
Northwest Eye - Maple Grove	Ø	0	0	0	0	0	0	0	0
Northwest Eye - Minnetonka	Ø	0	0	0	0	0	0	0	0
Northwest Eye - Plymouth	Q	0	0	0	0	0	0	0	0
Northwest Eye - Robbinsdale	Ø	0	0	0	0	0	0	0	0
Northwest Eye - Rogers	Q	0	0	0	0	0	0	0	0
Northwest Eye - St. Anthony	୍	0	0	0	0	0	0	0	0
Northwest Eye - Wayzata Suite 105	Q	0	0	0	0	0	0	0	0
Northwest Eye - Wayzata Suite 107	ଷ	0	0	0	0	0	0	0	0
Northwest Family Physicans - Crystal	Q	Q	Q	Q	Q	Q	ଏ	S	0
Northwest Family Physicians - Plymouth	Q	ଏ	ଷ	ୖ	Q	ଷ	୍	ଷ	0
Northwest Family Physicians - Rogers	Q	Q	Q	ଔ	ଏ	Q	ଏ	Q	0
Oakdale Obstetrics & Gynecology, PA - Arbor Lakes Medical Bldg.	୍	ଏ	ଷ	୍	Q	0	ଏ	0	0
Oakdale Obstetrics & Gynecology, PA - Brooklyn Park	Q	Q	ଏ	ଷ	ସ	0	ଏ	0	0
Oakdale Obstetrics & Gynecology, PA - Maple Grove	Q	ଏ	ଏ	ଷ	Q	0	ଏ	0	0
Oakdale Obstetrics & Gynecology, PA - Oakdale Medical Building	ଷ	Q	Q	Q	Q	0	ଏ	0	0
Oakdale Obstetrics & Gynecology, PA - WestHealth	Q	ଏ	ଏ	ଷ	Q	0	ଏ	0	0
Obstetrics & Gynecology Specialists, P.A Burnsville	ଷ	Q	Q	Q	ଏ	0	ଏ	0	0
Obstetrics & Gynecology Specialists, P.A Edina	ব	Q	Q	ଷ	ଏ	0	ଏ	0	0
Obstetrics, Gynecology & Infertility - Maple Grove	Q	Q	Q	Q	0	0	0	0	0
Obstetrics, Gynecology & Infertility, PA - Edina	Q	Q	ଏ	Q	0	0	0	0	0
Olmsted County Rapid Access Clinic	Q	0	0	0	0	0	0	0	0
Olmsted Medical Center - Byron Clinic	Q	ଏ	ଏ	ଷ	0	0	0	0	0
Olmsted Medical Center - Chatfield Clinic	ଏ	Q	Q	Q	0	0	0	0	0
Olmsted Medical Center - Pine Island Clinic	Q	Q	ଏ	ଷ	0	0	0	0	0
Olmsted Medical Center - Plainview Clinic	Q	Q	ସ	ଷ	ସ	Q	0	0	0
Olmsted Medical Center - Preston Clinic	ସ	ଏ	ଷ	ଷ	0	0	0	0	0
Olmsted Medical Center - Rochester Northwest	Q	ସ	Q	Ø	0	0	0	0	0
Olmsted Medical Center - Rochester Southeast	Q	ଷ	ଷ	ଷ	0	0	0	0	0
Olmsted Medical Center - Spring Valley Clinic	Q	Q	Q	Q	0	0	0	0	0
Olmsted Medical Center - St. Charles Clinic	ଏ	ଏ	Q	ଷ	0	0	0	0	0
Olmsted Medical Center - Stewartville Clinic	Q	Ø	Q	Ø	0	0	0	0	0
Olmsted Medical Center - Wanamingo Clinic	Ø	Ø	ଏ	ଷ	0	0	0	0	0
One Stop Medical Center - Crystal	Q	Q	Q	0	0	0	0	0	0
One Stop Medical Center - Edina	Ø	ଏ	Q	0	0	0	0	0	0
One Stop Medical Center - Shoreview	Q	Q	Q	0	0	0	0	0	0
One Stop Medical Center - Dunlap	Ø	ଏ	ଏ	ব	ଏ	Q	Q	0	0

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		ADOPT		d	USE			CHAN	_
Open Cities Health Center - Northend	ଔ	3	3	Ø	ଷ	3	Q	0	0
Open Door Health Center	Ø	0	0	0	0	0	0	0	0
Ophthalmology Associates	0	0	0	0	0	0	Q	0	0
Orthopaedic and Fracture Clinic	Ø	Q	Q	Q	0	0	Q	Q	0
Orthopaedic Associates of Duluth, P.A.	Ø	0	0	0	0	0	Q	0	0
Osceola Medical Center	Ø	0	0	0	0	0	Ø	0	0
Osceola Medical Center - St. Paul Eye Clinic	Q	0	0	0	0	0	Q	0	0
Ottertail Medical Center	Ø	0	0	0	0	0	0	0	0
Ottertail Area Medical Center	Ø	0	0	0	0	0	0	0	0
Park Nicollet Clinic - Heart and Vascular	Q	Q	Q	Ø	0	0	Q	Q	0
Park Nicollet Clinic - Meadowbrook	ଷ	Q	ଷ	Q	0	0	Q	ଏ	0
Park Nicollet Clinic - St. Louis Park Endocrinology	Ø	Ø	Ø	Q	0	0	Q	Q	0
Park Nicollet Clinic - Bloomington	ଷ	ଷ	ଷ	୯	0	0	ସ	ଏ	0
Park Nicollet Clinic - Brookdale	Q	Q	Q	Q	0	0	Q	ଏ	0
Park Nicollet Clinic - Burnsville	ଔ	Q	ଏ	Q	0	0	ଏ	Q	0
Park Nicollet Clinic - Carlson	Q	Q	Q	Q	0	0	Q	Q	0
Park Nicollet Clinic - Chanhassen	Q	ଷ	ଏ	ଷ	0	0	Q	ଏ	0
Park Nicollet Clinic - Creekside	Q	Q	ଏ	ୖ	0	0	ଏ	ଏ	0
Park Nicollet Clinic - Eagan	ଷ	Q	Q	ଷ	0	0	ଏ	Q	0
Park Nicollet Clinic - Golden Valley	ଷ	ସ	Q	୍	0	0	Q	ଏ	0
Park Nicollet Clinic - Maple Grove	ଷ	ଏ	ଷ	ୖ	0	0	Q	ଏ	0
Park Nicollet Clinic - Minneapolis	Q	Q	ଏ	S	0	0	ଏ	Q	0
Park Nicollet Clinic - Plymouth	Q	ଷ	ଏ	ଷ	0	0	ସ	Q	0
Park Nicollet Clinic - Prairie Center	Q	Q	Q	Q	0	0	Q	Q	0
Park Nicollet Clinic - Prior Lake	Q	Q	Q	Q	0	0	Q	ଏ	0
Park Nicollet Clinic - Shakopee	Q	Q	Q	ଏ	0	0	Q	Q	0
Park Nicollet Clinic - St. Louis Park Family Medicine	ସ	ଏ	ଏ	ଷ	0	0	ଏ	Q	0
Park Nicollet Clinic - St. Louis Park Internal Medicine	Q	Q	ଏ	ଷ	0	0	Q	ସ	0
Park Nicollet Clinic - Wayzata	Q	ଏ	ଷ	ও	0	0	ଏ	Q	0
Park Nicollet Clinic - Shorewood	Q	Ø	Q	S	0	0	S	Q	0
Park Nicollet Clinic - St. Louis Park 3800 Bldg.	ଏ	ଏ	Q	ଏ	0	0	Q	ଏ	0
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	ব	Ø	Q	Q	0	0	Q	ସ	0
Park Nicollet Clinic - St. Louis Park 3900 Bldg.	Ø	ଏ	ଷ	ও	0	0	Q	Ø	0
Park Nicollet Clinic - St. Louis Park Psychiatry	Q	Ø	Q	Q	0	0	Q	Q	0
Park Nicollet Frauenshuh Cancer Center	Ø	Q	Q	ଏ	0	0	Ø	Ø	0
Park Nicollet Melrose Institute	Ø	Q	Q	Ø	0	0	ø	Ø	0
Park Nicollet Struthers Parkinson's Center	ব	ଏ	3	ব	0	0	ୢୢ	Q	0

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Parkview Medical Clinic	Ø		Ø	Ø	<b>S</b>	0			0
Parkway Family Physicians	Ø	0	0	0	0	0		0	0
Partners in Pediatrics - Brooklyn Park	Q	0	0	0	0	0	ୢୢୢୢ	0	0
Partners in Pediatrics - Maple Grove	Q	0	0	0	0	0	Ø	0	0
Partners in Pediatrics - Phymouth	Ø	0	0	0	0	0	Ø	0	0
Partners in Pediatrics - Rogers	Ø	0	0	0	0	0	Ø	0	0
Partners in Pediatrics - Uptown	ୖ	0	0	0	0	0	ୢୖ	0	0
Partners Obstetrics & Gynecology, PA	S	0	0	0	0	0	0	0	0
Paul Larson OB/GYN Clinic, PA	ୢୢ	ୢୢ	3	ও	3	3	ୢୢୢୢ	ୢୢ	র
Pavelka Reproductive Associates	0	0	0	0	0	0	0	0	0
Paynesville Chain of Lakes Medical Clinic	3	0	0	0	0	0	0	0	0
Paynesville Eastside Medical Clinic	Q	0	0	0	0	0	0	0	0
Paynesville Eden Valley Medical Clinic	Q	0	0	0	0	0	0	0	0
Paynesville Green Lake Medical Clinic	S	0	0	0	0	0	0	0	0
Paynesville Medical Clinic	Ø	0	0	0	0	0	0	0	0
Paynesville Richmond Medical Clinic	Ø	0	0	0	0	0	0	0	0
Paynesville Watkins Medical Clinic	Ø	0	0	0	0	0	0	0	0
Pedoatroc and Young Adult Medicine, PA - Eagan	Ø	S	Ø	Ø	S	0	Ø	0	0
Pediatric and Young Adult Medicine, PA - Hudson	Ø	ଏ	ଏ	ସ	S	0	Ø	0	0
Pediatric and Young Adult Medicine, PA - Lake Elmo	Ø	Q	Q	Q	S	0	Ø	0	0
Pediatric and Young Adult Medicine, PA - Maplewood	Ø	ø	Q	Ø	S	0	Ø	0	0
Pediatric and Young Adult Medicine, PA - St. Paul	Q	ব	ଷ	ଷ	Q	0	Ø	0	0
Pediatric Services	Q	Ø	Ø	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Buffalo	Q	Q	Q	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Burnsville	Q	ଏ	ଷ	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Duluth	Q	S	Ø	0	0	0	0	0	0
Pediatric Surgical Assocaites, LTD - Maple Grove	ଷ	Ø	ଷ	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Minneapolis	Q	Q	Q	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Minnetonka	Ø	ଏ	Q	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - Sartell	Q	Q	Q	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - St. Cloud	Q	Ø	Q	0	0	0	0	0	0
Pediatric Surgical Associates, LTD - St. Paul	Q	Q	Q	0	0	0	0	0	0
Pelvic Floor Center	Q	Q	Q	Q	Q	0	0	0	0
Phoenix Center	Q	0	0	0	0	0	0	0	0
Physicians Diagnostics & Rehabilitations - Southdale	Q	Q	0	0	0	0	0	0	0
Physicians Neck & Back	Q	0	0	0	0	0	0	0	0
Physicians Neck & Back - Eden Prairie	Q	0	0	0	0	0	0	0	0

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Physicians Neck & Back Clinics - Lakeville	ও	0	0	0	0	0	0	0	0
Physicians Neck & Back Clinics - Maple Grove	Ø	0	0	0	0	0	0	0	0
Physicians Neck & Back Clinics - Roseville	Ø	0	0	0	0	0	0	0	0
Physicians Neck & Back Clinics - Woodbury	Q	0	0	0	0	0	0	0	0
Pine River Family Clinic	Q	0	0	0	0	0	0	0	0
Polinsky	Q	ଏ	Q	ଔ	Q	Q	ব	ଏ	0
PPMNS - Albert Lea	ଷ	0	0	0	0	0	0	0	0
PPMNS - Alexandria	Q	0	0	0	0	0	0	0	0
PPMNS - Apple Valley	ଏ	0	0	0	0	0	0	0	0
PPMNS - Bemidji	Q	0	0	0	0	0	0	0	0
PPMNS - Brainerd	Q	0	0	0	0	0	0	0	0
PPMNS - Brooklyn Park	ଷ	0	0	0	0	0	0	0	0
PPMNS - Burnsville	ଷ	0	0	0	0	0	0	0	0
PPMNS - Centro de Salud	Q	0	0	0	0	0	0	0	0
PPMNS - Duluth	ଷ	0	0	0	0	0	0	0	0
PPMNS - Eden Prairie	ଏ	0	0	0	0	0	0	0	0
PPMNS - Fairmont	ଷ	0	0	0	0	0	0	0	0
PPMNS - Grand Rapids	ଷ	0	0	0	0	0	0	0	0
PPMNS - Highland Park	ଷ	0	0	0	0	0	0	0	0
PPMNS - Mankato	ସ	0	0	0	0	0	0	0	0
PPMNS - Minneapolis	ଷ	0	0	0	0	0	0	0	0
PPMNS - Moorhead	Q	0	0	0	0	0	0	0	0
PPMNS - Owatonna	Q	0	0	0	0	0	0	0	0
PPMNS - Red Wing	Q	0	0	0	0	0	0	0	0
PPMNS - Rice Street	Q	0	0	0	0	0	0	0	0
PPMNS - Rochester	Q	0	0	0	0	0	0	0	0
PPMNS - St Cloud	ଔ	0	0	0	0	0	0	0	0
PPMNS - Thief River Falls	Q	0	0	0	0	0	0	0	0
PPMNS - Virginia	Q	0	0	0	0	0	0	0	0
PPMNS - Willmar	Q	0	0	0	0	0	0	0	0
PPMNS - Woodbury	Q	0	0	0	0	0	0	0	0
Queen of Peace Hospital - Outpatient Clinic	Q	0	0	0	0	0	0	0	0
Quello Clinic - Burnsville	Q	Q	ଏ	ସ	Q	ଏ	ବ	ଏ	0
Quello Clinic - Chanhassen	Q	0	0	0	0	0	0	0	0
Quello Clinic - Eden Prairie	Q	0	0	0	0	0	0	0	0
Quello Clinic - Lakeville	Q	0	0	0	0	0	0	0	0
Quello Clinic - Savage	Q	0	0	0	0	0	0	0	0

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Rainy Lake Medical Center	র		S	Ø	<b>O</b> SE	Ø	<u>ح</u>		0
Range Medical Services, Ltd.	Q	0	0	0	0	0	0	0	0
Red Lake Hospital Outpatient Clinic	ব	0	0	0	0	0	0	0	0
Regional Eye Specialists	Ø	0	0	0	0	0	0	0	0
Renville County Hospital and Clinics - Hector	Q	ব	ଷ	ୖ	S	Ø	ব	S	0
Renville County Hospital and Clinics - Olivia	Q	S	Q	Ø	S	Ø	Q	S	0
Renville County Hospital and Clinics - Renville	Q	ଏ	ଷ	ଏ	0	0	Q	0	0
Richard Schoewe MD	Q	0	0	0	0	0	0	0	0
Richfield Medical Group	Q	0	0	0	0	0	0	0	0
Ridges Radiation Therapy	Q	0	0	0	0	0	0	0	0
Ridgeview Chanhassen Clinic	Q	Q	Q	Q	Q	Ø	Q	Q	0
Ridgeview Delano Clinic	Q	Q	Q	Q	Q	ଏ	Q	Q	0
Ridgeview Excelsior Clinic	Q	Q	Q	Q	Q	ଏ	ଏ	Q	0
Ridgeview Howard Lake Clinic	Q	S	Q	Q	Q	ଏ	Q	Q	0
Ridgeview Westonka Clinic	ଷ	ଏ	ଷ	ଷ	Q	Q	Q	ଏ	0
Ridgeview Winsted Clinic	Q	Q	ଏ	ଔ	S	ଏ	Q	Q	0
River of Life Services	0	0	0	0	0	0	0	0	0
River's Edge Clinic	Q	0	0	0	0	0	0	0	0
RiverPlace Clinic, Inc.	ଷ	Q	ଷ	0	0	0	0	0	0
Riverside Endoscopy Center	Q	ଷ	Q	ଷ	0	0	0	0	0
Riverside Family Physicians	Q	0	0	0	0	0	0	0	0
RiverView Clinic East Grand Forks	Ø	Ø	0	Q	0	0	Q	0	0
RiverView Clinic Fertile	Q	Q	0	Q	0	0	ସ	0	0
RiverView Clinic North	Q	Q	0	Q	0	0	Q	0	0
RiverView Clinic Red Lake Falls	Q	Q	0	Q	0	0	Q	0	0
RiverView Specialty	Q	Q	0	Q	0	0	Q	0	0
Riverwood Aitkin Clinic	Q	Q	ଷ	ଔ	Q	Q	Q	Q	0
Riverwood Garrison Clinic	Q	0	0	0	0	0	0	0	0
Riverwood McGregor Clinic	Q	0	0	0	0	0	0	0	0
Robbinsdale Clinic, PA	0	0	0	0	0	0	0	0	0
Ronald R Vessey MD Internal Medicine Services PA	0	0	0	0	0	0	0	0	0
Sacred Heart Mercy Health Care Center	Q	Ø	Q	Ø	Ø	Q	Q	Ø	0
Sanford Clinic - Luverne	Q	Q	Q	Q	Q	Q	Q	Ø	0
Sanford Clinic - Mountain Lake	Ø	0	0	0	0	0	0	0	0
Sanford Clinic - Worthington	Q	Q	Q	Q	Q	Q	Q	Q	0

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Sanford Clinic Adrian	ଷ	Ø	3	Ø	Q	3	Q	ସ	0
Sanford Clinic Canby	Ø	0	0	0	0	0	0	0	0
Sanford Clinic Jackson	Ø	ଷ	S	S	Ø	Q	Ø	Ø	0
Sanford Clinic Lakefield	Q	Q	Q	Ø	Q	S	Ø	Q	0
Sanford Clinic Tracy/Balaton/Walnut Grove	Ø	0	0	0	0	0	0	0	0
Sanford Clinic Westbrook	Ø	0	0	0	0	0	0	0	0
Sanford Clinic Windom	ଔ	0	0	0	0	0	0	0	0
Sawtooth Mountain Clinic, Inc.	Ø	Ø	Ø	Ø	Ø	S	Ø	0	0
Scenic Rivers Heatlh Services - Big Falls Clinic	Ø	Ø	S	Ø	Q	Q	Ø	0	0
Scenic Rivers Health Services - Bigfork	Ø	Ø	Q	Ø	Ø	Ø	Ø	0	0
Scenic Rivers Health Services - Cook	Q	Q	ଷ	Ø	Q	ଷ	ୖ	0	0
Scenix Rivers Health Services - Floodwood	Ø	Ø	Q	Ø	Q	Q	Ø	0	0
Scenic Rivers Health Services - Northome	Ø	Q	ଷ	Q	Q	Q	ଷ	0	0
Sebeka Medical Clinic	Ø	0	0	0	0	0	0	0	0
Sharpe Dillon Cockson & Associates PA	Q	0	0	0	0	0	Q	0	0
Sibley Medical Center - Arlington	Q	Q	Q	Q	0	0	0	0	0
Silver Lake Clinic - Shoreview	Ø	0	0	0	0	0	0	0	0
Silver Lake Clinic - St. Anthony	Q	0	0	0	0	0	0	0	0
SMDC Medical Center - Duluth Clinic	ଏ	Q	Q	Q	Q	Q	Ø	Q	0
SMDC Medical Center - DC First Street Building	Q	Q	Q	Q	Q	Q	Q	Q	0
SMDC Medical Center - DC Hermantown	Q	Q	Q	Q	Q	Q	Ø	Q	0
SMDC Medical Center - DC Lakeside	Q	Q	Q	Q	ଏ	ଏ	Ø	Q	0
SMDC Medical Center - DC West	Q	Q	Q	ଷ	Q	Ø	ଷ	Q	0
SMDC Medical Center - Miller Dawn	Q	ଏ	Q	Ø	Q	Q	Q	ଏ	0
SMHS/DC - Superior	Q	Q	Q	Q	ଏ	ଷ	Ø	ଷ	0
South Lake Pediatrics - Children's West	Q	0	0	0	0	0	0	0	0
South Lake Pediatrics - Eden Prairie	ଷ	0	0	0	0	0	0	0	0
South Lake Pediatrics - Maple Grove	Q	0	0	0	0	0	0	0	0
South Lake Pediatrics - Minnetonka	0	0	0	0	0	0	0	0	0
South Lake Pediatrics - Plymouth	Q	0	0	0	0	0	0	0	0
South Lake Pediatrics - St. Louis Park	ର	0	0	0	0	0	0	0	0
Southdale Allergy and Asthma Clinic LLC	0	0	0	0	0	0	Q	0	0
Southdale Internal Medicine, P.A	Q	ଏ	0	0	0	0	Q	0	0
Southdale Obstetrics and Gynecology Consultants, PA - Edina	Q	Ø	Q	Ø	Q	Q	ଏ	0	0
Southdale Obstetrics and Gynecology Consultants, PA - Burnsville	Q	ଏ	Ø	ব	Ø	Q	Q	0	0
Southdale Otolaryngology, P.A	Q	0	0	0	0	0	Q	0	0
Southdale Pediatric Associates, Ltd Burnsville	ø	0	0	0	0	0	Ø	0	0

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Southdale Pediatric Associates, Ltd- Eden Prairie	ୢୖ	0	0	0	0	0	ଔ	0	0
Southdale Pediatric Associates, Ltd- Edina	Ø	0	0	0	0	0	Q	0	0
Southdale Radiation Therapy	Ø	0	0	0	0	0	0	0	0
Southern Metro Medical Clinics - Belle Plaine Clinic	Ø	0	0	0	0	0	0	0	0
Southern Metro Medical Clinics - Le Sueur Medical Clinic	Ø	0	0	0	0	0	0	0	0
Southern Metro Medical Clinics - Montgomery Medical Clinic	Ø	0	0	0	0	0	0	0	0
Southern Metro Medical Clinics - New Prague Medical Clinic	ଔ	0	0	0	0	0	0	0	0
Southside Medical Clinic	S	Ø	Q	Q	Q	0	Q	0	0
Southwest Minnesota Orthopedics and Sports Medicine - Marshal	<u> </u>	Q	0	Ø	0	0	0	0	0
Southwest Minnesota Orthopedics and Sports Medicine - Slayton	Q	Ø	0	Q	0	0	0	0	0
Southwest Mental Health Center, Inc Jackson	ଷ	Q	0	0	0	0	0	0	0
Southwest Mental Health Center, Inc Luverne	Q	Q	0	0	0	0	0	0	0
Southwest Mental Health Center, Inc Pipestone	ଏ	Q	0	0	0	0	0	0	0
Southwest Mental Health Center, Inc Windom	Q	ଏ	0	0	0	0	0	0	0
Southwest Mental Health Center, Inc Worthington	ଷ	Q	0	0	0	0	0	0	0
St Cloud State University Student Health Services	Q	0	0	0	0	0	0	0	0
St Paul Allergy & Asthma Clinic, P.A. Highland	Q	0	0	0	0	0	0	0	0
St Paul Cancer Center	Q	0	0	0	0	0	0	0	0
St. Cloud Ear, Nose & Throat	Q	ଏ	ଏ	ଷ	Q	0	ଏ	0	0
St. Cloud Ear, Nose & Throat - Alexandria	Q	ଏ	ଏ	ଷ	Q	0	Q	0	0
St. Cloud Ear, Nose & Throat - Little Falls	Q	Q	Q	Q	Q	0	ୖ	0	0
St. Cloud Ear, Nose & Throat - Sauk Centre	Q	ଏ	Q	Q	Q	0	Q	0	0
St. Cloud Ear, Nose & Throat - Staples	Q	Q	Q	ଷ	Q	0	ୖ	0	0
St. Cloud Hospital - Behavioral Health Clinic	ଏ	Q	Q	Q	Q	0	ଔ	Q	0
St. Cloud Medical Group - Clearwater Medical Clinic	Q	0	0	0	0	0	Q	0	0
St. Cloud Medical Group - Cold Spring Medical Clinic	Q	0	0	0	0	0	Q	0	0
St. Cloud Medical Group - Northwest	ଏ	0	0	0	0	0	୍	0	0
St. Cloud Medical Group - South	Q	0	0	0	0	0	Q	0	0
St. Croix Family Medical Clinic	Q	ଏ	0	Ø	Ø	Q	ୢ	0	0
St. Francis Radiation Therapy	Q	0	0	0	0	0	0	0	0
St. Joseph's Medical Center - Crosslake Family Clinic	Q	ଏ	0	ଏ	0	0	0	0	0
St. Joseph's Medical Center - Hackensack Clinic	Ø	Q	0	Q	0	0	0	0	0
St. Joseph's Medical Center - Pequot Family Clinic	Ø	ଏ	0	ব	0	0	0	0	0
St. Joseph's Medical Center - Pierz Family Clinic	Ø	Q	0	Q	0	0	0	0	0
St. Joseph's Medical Center - Pillager Family Clinic	S	Q	0	Ø	0	0	0	0	0
St. Joseph's Medical Center - Pine River Family Clinic	Ś	Ø	0	Ø	0	0	0	0	0
St. Luke's Clinics - Bay Area	ব	Ø	3	ও	ଏ	ୢୢ	ব	0	0

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St. Luke's Clinics- Cardiology Assoc Lakeview Building	S	S	Ø	Q	ব	Ø	l d	0	0
St. Luke's Clinics - Chequamegon Clinic	Ø	Ø	Q	ଏ	Ø	ø	ୢୢ	0	0
St. Luke's Clinics - Denfeld	্থ	ও	3	ୖ	3	Q	র	0	0
St. Luke's Clinics - Duluth Internal Medicine Associates	র	Q	Q	Ø	Ø	Ø	Q	0	0
St. Luke's Clinics - Endocrinology Associates	Ø	Q	3	Ø	র	র	3	0	0
St. Luke's Clinics - Hibbing Family Medical Clinic	S	Q	Ø	Ø	S	S	S	0	0
St. Luke's Clinics - Internal Medicine Associates	Ø	ୢୢ	র	Ø	3	S	ୖ	0	0
St. Luke's Clinics - Laurentian	S	Q	Ø	Ø	S	Ø	S	0	0
St. Luke's Clinics - Mariner Medical Clinic	র	ୢୢ	র	Ø	3	Ø	ୢୖ	0	0
St. Luke's Clinics - Miller Creek	র	S	Q	Ø	3	S	ୖ	0	0
St. Luke's Clinics - Mount Royal	ୢୢ	S	3	Ø	ୢୖ	S	ୖ	0	0
St. Luke's Clinics - P.S Rudie Medical Clinic	ୢୖ	Q	Q	Q	3	S	ୢ	0	0
St. Mary's Innovis Health - Lake Park	ୖ	3	3	I I I I I I I I I I I I I I I I I I I	0	0	ଔ	ୢୢୢ	0
St. Mary's Innovis Health - Mahnomen	S	S	ୢ	Ø	0	0	Ø	Ø	0
St. Mary's Innovis Health Clinic - Detroit Lakes	র	র	3	S	0	0	3	র	0
St. Mary's Innovis Health Clinic - Frazee	Ø	S	Q	Ø	0	0	3	Q	0
St. Mary's/Duluth Clinic - Ashland	্থ	3	g	ୖ	ও	ୢୢ	3	3	0
St. Mary's/Duluth Clinic - Aurora	S	Q	Q	Ø	S	Ø	Ø	Ø	0
St. Mary's/Duluth Clinic - Chisholm	ত ত	S	S	Ø	র	3	ୖ	ও	0
St. Mary's/Duluth Clinic - DC Main	ø	Q	Q	Ø	S	Q	S S	Ø	0
St. Mary's/Duluth Clinic - Deer River	্থ	3	3	Ø	3	3	3	S	0
St. Mary's/Duluth Clinic - Ely	Ø	S	S	Ø	S	Ø	Q	Q	0
St. Mary's/Duluth Clinic - Hayward	ୖ	3	3	Ø	3	3	ୢ	ୢୢ	0
St. Mary's/Duluth Clinic - Hibbing	Q	Q	S	Ø	Ø	Ø	Q	Ø	0
St. Mary's/Duluth Clinic - Spooner	ୢୢ	3	3	<b>S</b>	3	3	ୖ	ୢୖ	0
St. Mary's/Duluth Clinic - Virginia	Q	ୢୢ	3	S	S	S	3	3	0
St. Paul Allergy & Asthma Clinic, P.A - Apple Valley	ୖ	0	0		-	-			
St. Paul Allergy & Asthma Clinic, P.A - Shoreview	Q	0		0	0	0	0	0	0
St. Paul Allergy & Asthma Clinic, P.A - Woodbury	S	0	0	0	0	0	0	0	0
St. Paul Cardiology - Maplewood	Q	0	0	0	0	0	0	0	
St. Paul Cardiology - St. Paul	্ ত	0	0	0	0	0	0	0	0
St. Paul Cardiology - Woodwinds Office	S	0	0	0	0	0	0	0	0
St. Paul Eye Clinic, P.A Eagan	S	0	0	0	0	0	0	0	0
St. Paul Eye Clinic, P.A Maplewood	S	0	0	0		0	0	0	0
St. Paul Eye Clinic, P.A - Roseville	3	0	0		0		-		-
St. Paul Eye Clinic, P.A St. Paul 7th Street	S			0	0	0	0	0	0
St. Paul Eye Clinic, P.A St. Paul Dunlap		0	0	0	0	0	-	0	0
Ju rau Lyc Ching r.m Ju rau Dullap	Ø	0	0	0	0	0	Q	0	0

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St. Paul Eye Clinic, P.A West St. Paul	ଏ	0	0	0	0	0	Q	0	0	
St. Paul Eye Clinic, P.A Woodbury	Q	0	0	0	0	0	ସ	0	0	
St. Paul Heart Clinic - Downtown	Q	0	0	0	0	0	0	0	0	
St. Paul Heart Clinic - Lakeview Heart Center	Q	0	0	0	0	0	0	0	0	
St. Paul Heart Clinic - Maplewood	Q	0	0	0	0	0	0	0	0	
St. Paul Lung Clinic - Maplewood	Q	Q	Q	Q	0	0	Q	S	0	
St. Paul Lung Clinic - St. Paul	ଷ	ଏ	ଏ	ଷ	0	0	ସ	ଷ	0	
St. Paul Surgeons, Ltd-Maplewood	Q	0	0	0	0	0	Q	0	0	
St. Paul Surgeons, Ltd-St.Paul	ও	0	0	0	0	0	ও	0	0	
Staples Northern Pines Mental Health	0	0	0	0	0	0	0	0	0	
Steven Saliterman, MD	0	0	0	0	0	0	0	0	0	
Stevens Community Medical Center	Q	0	0	0	0	0	0	0	0	
Stevens Community Medical Center - Specialty Clinic	Q	0	0	0	0	0	0	0	0	
Stevens Community Medical Center - Starbuck Clinic	Q	Q	Q	Q	Q	0	ଷ	0	0	
Stillwater Medical Group - Curve Crest Clinic	Q	Q	0	Q	0	0	Q	Q	0	
Stillwater Medical Group - Somerset Clinic	Q	Q	0	Q	0	0	ଷ	Q	0	
Stillwater Medical Group - Women's Center	0	Q	0	ଷ	0	0	ব	ব	0	
SuperiorHealth Center - Lakewalk	ଷ	ও	ଏ	Ø	Q	Q	0	0	0	
SuperiorHealth Center - Proctor	Q	ଏ	ସ	ଷ	Q	Q	0	0	0	
Surgical Consultants - Burnsville	Q	0	0	0	0	0	0	0	0	
Surgical Consultants - Edina	Q	0	0	0	0	0	0	0	0	
Surgical Consultants - Vein Solutions	Q	0	0	0	0	0	0	0	0	
The Ear Nose and Throat Clinic & Hearing Center	Q	0	0	0	0	0	0	0	0	
The Orthopaedic & Fracture Clinic, P.A Mankato	Q	Q	Q	0	0	0	0	0	0	
The Orthopaedic & Fracture Clinic, P.A Faribault	Q	Q	ଏ	0	0	0	0	0	0	
The Orthopaedic & Fracture Clinic at Redwood Area Hospital	Q	Q	Q	0	0	0	0	0	0	
The Orthopaedic & Fracture Clinic at River's Edge Hospital & Clinic	Q	Q	Q	0	0	0	0	0	0	
The Schuster Clinic - Edina	Q	0	0	0	0	0	0	0	0	
Twin Cities Spine Center	ସ	ও	ଷ	ও	0	0	0	0	0	
Tyler Medical Clinic	Q	0	0	0	0	0	0	0	0	
UMP MN Heart Burnsville Clinic	Q	Ø	Q	Ø	Q	Q	Q	0	0	
UMP MN Heart Edina Clinic	Q	S	Q	Q	Q	Q	Q	0	0	
UMP MN Heart Princeton Clinic	ସ	Q	ର	ଏ	ଏ	Q	ଷ	0	0	
UMP MN Heart University Clinic	Q	Q	Q	Q	0	0	0	0	0	
UMP MN Heart Wyoming Clinic	Q	ଏ	ଷ	Q	Q	Q	Q	0	0	
United Family Medicine	Q	0	0	0	0	0	Q	0	0	
United Hospital District Clinic	Q	S	Q	ୢ	Q	S	Ø	Ø	Q	
Unity Radiation Therapy	Ø	0	0	0	0	0	Ø	0	0	

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UMP - Autism Spectrum & Neurodevelopmental Disorder	Ø	Ø	Ø	Ø	0	0	0	0	0
University of Minnesota Physicians - Bethesda Clinic	ଔ	Ø	Ø	Ø	0	0	Ø	0	0
University of Minnesota Physicians -Blood and Marrow Transplant	ୢୖ	Ø	Ø	Ø	0	0	S	0	0
University of Minnesota Physicians - Broadway Family Medicine	Ø	Ø	Ø	Ø	Q	8	Ø	Q	3
University of Minnesota Physicians - Medicine 6 Clinic, Endocrine	g	Ø	ଷ	Q	0	0	S	0	0
University of Minnesota Physicians - Memory Clinic	Ø	Ø	Q	Ø	0	0	S	0	0
University of Minnesota Physicians - Mill City Clinic	Q	Ø	Ø	Ø	0	0	Ø	0	0
University of Minnesota Physicians - Neurology Clinic	Ø	Q	Q	Ø	0	0	Ø	0	0
University of Minnesota Physicians - Neurosurgery Clinic	Q	Q	Q	Ø	0	0	Ø	0	0
University of Minnesota Physicians - Orthopaedics	Q	Q	Q	Q	0	0	Ø	0	0
UMP - Pediatric Specialty Clinic (Minneapolis)	Q	Q	ଷ	Q	0	0	Q	0	0
UMP - Pediatric Specialty Clinic (St. Paul)	Q	Q	Q	Ø	0	0	Ø	0	0
University of Minnesota Physicians - Phalen Clinic	Q	Ø	ଏ	ଷ	0	0	Q	0	0
UMP - Physical Medicine & Rehabilitation	Q	ଷ	Q	Q	0	0	Ø	0	0
University of Minnesota Physicians - Primary Care Center	Q	ଷ	ଏ	ଔ	0	0	ଷ	ଏ	0
University of Minnesota Physicians - Psychiatry Clinic	Q	ଷ	Q	ଷ	0	0	Q	0	0
University of Minnesota Physicians - Oncology Clinic	Q	ଷ	Q	ଔ	0	0	ହ	0	0
UMP - Radiation Therapy Center (Wyoming, MN)	Q	Q	Q	Q	0	0	ଷ	0	0
UMP - Reproductive Medicine Center	ଷ	Q	ଷ	Ø	0	0	ଷ	0	0
University of Minnesota Physicians - Sleep Medicine Clinic	Q	ଏ	ଏ	ଏ	0	0	Q	0	0
University of Minnesota Physicians - Smiley's Clinic	Q	ଷ	ଏ	Ø	0	0	ଷ	ଏ	0
UMP - Specialty Clinic for Children (Burnsville)	Q	ଷ	Q	Ø	0	0	ର	0	0
University of Minnesota Physicians - Surgery Clinic	Q	ଷ	ଏ	ଏ	0	0	Q	0	0
University of Minnesota Physicians - Transplant Center	Q	ଷ	Q	Ø	0	0	Ø	0	0
UMP - University Specialists Women's Health	ଏ	Q	ଏ	ଏ	0	0	ଏ	0	0
University of Minnesota Physicians - Urology Clinic	S	Q	Q	Q	0	0	ର	0	0
University of Minnesota Physicians - Women's Health Center	Ø	Q	Q	Q	0	0	Ø	0	0
University of Minnesota Physicians- Breast Center	ø	Ø	Q	Ø	0	0	3	0	0
University of Minnesota Physicians- Center for Sexual Health	ଷ	Ø	Q	Ø	0	0	3	0	0
University of Minnesota Physicians- Delaware St Clinic	Ø	Q	3	I	0	0	3	0	0
University of Minnesota Physicians- Dermatology Clinic	ୖ୶	ୢୢ	Q	ও	0	0	ଏ	0	0
University of Minnesota Physicians- ENT Otolaryngology Clinic	ୢୢ	S	Q	Ø	0	0	ଷ	0	0
University of Minnesota Physicians- Eye (Ophthalmology)	র	র	র	ব	0	0	ଷ	0	0
University of Minnesota Physicians- Imaging Center (Radiology)	S	Ø	3	ଏ	0	0	3	0	0
University of Minnesota Physicians- Masonic Cancer Center	র	3	3	র	0	0	ୢୢ	0	0
University of Minnesota Physicians-Allergy and Asthma Clinic	Q	Q	3	S	0	0	0	0	0
University of St. Thomas Student Health Service	ଏ ।						-		
Valley Clinic	-	0	0	0	0	0	0	0	0
Tuncy child	Q	0	0	0	0	0	Q	0	0

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CLINIC NAME	1	ADOPT			USE		E	XCHAN	IGE
Valley Family Practice	୍	0	0	0	0	0	ୖ	0	0
Vascular Surgery Associates-Coon Rapids	ଷ	Q	ଏ	0	0	0	0	0	0
VitreoRetinal Surgery, P.A Duluth	Q	0	0	0	0	0	Q	0	0
VitreoRetinal Surgery, P.A Edina	ଷ	0	0	0	0	0	Q	0	0
VitreoRetinal Surgery, P.A Minneapolis	Ø	0	0	0	0	0	Q	0	0
VitreoRetinal Surgery, P.A Oakdale	Q	0	0	0	0	0	ଏ	0	0
VitreoRetinal Surgery, P.A St. Cloud	ଏ	0	0	0	0	0	ସ	0	0
VitreoRetinal Surgery, P.A St. Paul	ସ	0	0	0	0	0	ସ	0	0
VitreoRetinal Surgery, P.A West	Q	0	0	0	0	0	Q	0	0
VRMC Clinical Services	ସ	0	0	0	0	0	0	0	0
Waconia Radiation Therapy	Q	0	0	0	0	0	0	0	0
Wadena Medical Center	Q	0	0	0	0	0	0	0	0
Wayzata Children's Clinic - Chaska	Q	0	0	0	0	0	Q	0	0
Wayzata Children's Clinic - Minnetonka	Q	0	0	0	0	0	ଏ	0	0
Wayzata Children's Clinic - Spring Park	ব	0	0	0	0	0	Q	0	0
Wayzata Orthopedics	ଔ	Q	Q	ଷ	Q	0	ଏ	0	0
West Metro Ophthalmology, PA - Buffalo	Q	0	0	0	0	0	ଷ	0	0
West Metro Ophthalmology, PA - Golden Valley	ଷ	0	0	0	0	0	ଏ	0	0
West Metro Ophthalmology, PA - Monticello	Q	0	0	0	0	0	ଏ	0	0
West Metro Ophthalmology, PA - Plymouth	Ø	0	0	0	0	0	୍	0	0
West Side Community Health Services - Ann Pierce Rogers	Q	0	0	0	0	0	0	0	0
West Side Community Health Services - Dorothy Day Center	Q	0	0	0	0	0	0	0	0
West Side Community Health Services - East Side Family Clinic	Q	0	0	0	0	0	Q	0	0
West Side Community Health Services - La Clinica	ଷ	0	0	0	0	0	Q	0	0
West Side Community Health Services - McDonough Homes Clinic	Q	0	0	0	0	0	ଷ	0	0
W. Side Comm. Health Services - Ramsey County Fam. Service Ctr.	Q	0	0	0	0	0	0	0	0
West Side Community Health Services - Union Gospel Mission	Q	0	0	0	0	0	0	0	0
Western OB/GYN - Chanhassen	Q	0	0	0	0	0	ଷ	0	0
Western OB/GYN - Chaska	Q	0	0	0	0	0	ଷ	0	0
Western OB/GYN - Delano	Q	0	0	0	0	0	ଏ	0	0
Western OB/GYN - Mound	Q	0	0	0	0	0	ଏ	0	0
Western OB/GYN - Waconia	Q	0	0	0	0	0	ଏ	0	0
Western OB/GYN - Watertown	Q	0	0	0	0	0	Q	0	0
Western Wisconsin Medical Associates - Ellsworth Medical Clinic	Q	0	0	0	0	0	ଏ	0	0
Western Wisconsin Medical Associates - Hudson Physicians	Q	0	0	0	0	0	0	0	0
Western Wisconsin Medical Associates - New Richmond Clinic	Q	Q	Q	Q	Q	0	Q	0	0
Western Wisconsin Medical Associates - River Falls Medical Clinic	Q	0	0	0	0	0	Ø	0	0

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CLINIC NAME	1	ADOPT			USE		EX	CHAN	GE
Western Wisconsin Medical Assoc Spring Valley Medical Clinic	ଏ	0	0	0	0	0	Q	0	0
WESTHealth Urgent Care	Q	0	0	0	0	0	0	0	0
Westridge Clinic	ଷ	0	0	0	0	0	Q	0	0
Wheaton Community Health Center	Q	0	0	0	0	0	ସ	0	0
Wheaton Community Medical Center	Q	0	0	0	0	0	0	0	0
Williams/Integracare Quick Clinic	ସ	0	0	0	0	0	Ø	0	0
Winona Health- Lewiston Clinic	Q	Q	ଏ	୍	0	0	Q	0	0
Winona Health - Rushford Clinic	Q	Q	Q	Ø	0	0	Q	0	0
Winona Health - Winona Health Clinics	Q	Q	ଏ	ଏ	0	0	Q	0	0
Women's Health Center	Q	Q	Q	ଏ	0	0	Ø	Q	0
Women's Health Consultants - Chicago Avenue	ଏ	Q	ଏ	Ø	Q	0	0	0	0
Women's Health Consultants - TCF Tower	Q	Q	Q	Q	Q	0	0	0	0

MLC - Minnesota Lung Center

NP - Northstar Physicians UMP - University of Minnesota Physicians

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#### **Health Information Technology Measures**

#### **Hypothesis:**

Our hypothesis was that clinics that have more advanced implementation and usage of Electronic Health Record systems would attain higher performance rates for Optimal Diabetes Care (ODC) and Optimal Vascular Care(OVC) measures. We hypothesized that clinics that have adopted and used Electronic Health Record systems would be more likely to achieve higher rates of performance for these two measures in comparison to clinics that have no EHR system in place or are only in the

planning stages of adopting one.

#### **Methods:**

MNCM merged the HIT survey results that were gathered in early 2010 with the data submitted for Optimal Diabetes Care(ODC) (2009 dates of service). Separately, MNCM merged the HIT survey results with the data submitted for Optimal Vascular Care(OVC) (2009 dates of service). A file for each measure was generated that lists each clinic that has met the minimum threshold for reporting, the ODC rate with upper and lower bound 95% confidence intervals, and the HIT survey scores. A count and comparison was made that evaluated the number of clinics that have a rate and 95% confidence interval fully above average to those performing at the clinic average and those who fell below that average. A count and comparison was made that looked at clinics that have a fully adopted EHR system and compared them to clinics that have no EHR system in place or are in the planning stage. A count and comparison was then made that looked at the four levels of EHR utilization: No Utilization, Beginning Utilization, Intermediate Utilization, and Advanced/Full Utilization.

Statistical analyses, simple linear regression models and correlation computations, were performed using the SAS version 9.1 (SAS Institute Inc., Cary, NC). A P<.05 was considered statistically significant.

#### **Findings:**

The data shows that although the performance rates for ODC significantly increase as advances in HIT use, adoption, or both, the relationship or correlation between the two variables is moderate. The value of a correlation coefficient can vary from minus one to plus one. A value of 1 or -1 indicates perfect positive or negative correlation. A correlation of zero means there is no relationship between the two variables. As the R square value moves closer to zero, the relationship between variables grows less strong.

- The correlation between performance rate and full adoption of an EHR system for ODC is moderate (r2=0.31).
- The correlation between performance rate and advanced/full utilization of EHR for ODC is moderate (r2= 0.26).
- The correlation between performance rate and full adoption of an EHR system for OVC is moderate (r2=0.27).
- The correlation between performance rate and advanced/full utilization of EHR for OVC is moderate (r2= 0.21).

Assessing the data, the linear regression model indicates that the performance rates significantly increase as a clinic moves among the four levels of utilization, with a linear trend upwards. But because the correlation relationships are moderate, it indicates that the rate is more likely increasing because of different factors.

MNCM concludes that clinical performance rates for ODC and OVC are more likely to improve as a result of several factors related to overall patient care, not simply because clinics have and use an EHR system. Utilizing an EHR system can be a quick and efficient method to preserve medical information and many studies have reported the numerous benefits that an EHR system can offer providers and patients, including accessibility, safety, and security. However, successful implementation and use of an EHR system seem to be only a portion of the complex processes needed to improve overall quality of care for patients.



Results will be included at Minnesota Health Scores: www.mnhealthscores.org.

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#### **Summary Of Statewide Results**

Table 21 provides an overview of the statewide averages by measure. It also includes the percentage point change in the average rates from 2009 to 2010, as well as the percentage point change over time. We were unable to make rate comparisons to previous years for some measures because specifications changed to align with emerging evidence-based guidelines. For measures that did not have specification changes made this year, statewide results remain steady for most of them, even in these difficult economic times. It is important to note that even small improvements can translate into better care for thousands of patients.

This year, 25% of diabetes patients received optimal care. This result reflects flat performance compared to last year when the same measure specifications are used for both years. For this measure, 47% of medical groups submitted data for the first time this year. This might account for the steady rate, since previous analyses show that medical groups that submit data for the first time tend to have lower rates compared to medical groups that submitted data in the past.

Two measures showed substantial improvement: Controlling High Blood Pressure and Appropriate Testing for Children with Pharyngitis measures. For the Controlling High Blood Pressure measure, this would translate to more than 4,000 more patients with hypertension who have their blood pressure under control. By having more patients with controlled hypertension, it could possibly reduce their risk of developing cardiovascular disease or experiencing serious complications from this disease. For the Appropriate Testing for Children with Pharyngitis measure, this would translate to almost 2,000 more children receiving appropriate testing for this condition. Performance rates continue to increase for this measure and over the past five years the rate has increased by over six percentage points.

Results on new measures, Depression Care – Remission at Twelve Months and Use of Spirometry Testing in the Assessment and Diagnosis of COPD, indicate that there are opportunities for improvement. Developing new measures continues to be an important focus for improving patient care.

#### **Summary Of Statewide Results**

#### Table 21: MN Community Measurement Statewide Results Comparisons to Previous Years

"Living with Illness" measures	
	<b>2.7个</b> Years)
	1.2↑ Years)
Depression: Remission at Six Months* 5.7% 1.1	N/A
Depression: Remission at Twelve Months*     4.5%       (Clinic Level Results)     N/A	N/A
	<b>6.9↑</b> Years)
Use of Appropriate Medications for People with Asthma (Ages 5-50) (Medical Group Level Results) 91.8% N/A	N/A
Use of Spirometry Testing in the Assessment and Diagnosis of COPD 34.5% N/A	N/A
"Getting Better" measures	
	1.9 <b>个</b> years)
	6.5↑ years)
Appropriate Treatment for Adult Bronchitis (Medical Group Level Results)17.9%1.4↓	N/A
"Staying Healthy" measures	
	0.3↓ Years)
	0.9↓ Years)
Colorectal Cancer Screening * (Medical Group Level Results)     66.0%     N/A	N/A
Cancer Screening Combined - Ages 51-75 (Breast, Cervical, Colorectal) * 54.6% N/A	N/A
Chlamydia Screening (Ages 16-24) (Medical Group Level Results)49.0%1.7 \u03c1	N/A
	23.9↑ ¡Years)

\* These statewide averages are weighted (see methods).

N/A=Measurement specifications changed so comparisons cannot be made.

^HbA1C<8. Data was recasted for 2007 DOS and 2008 DOS to reflect the target change for this component to coincide with 2009 DOS, allowing year to year comparison.

The following tables 22A-22E list the high performing medical groups by type based on the clinical measures on which they were reported. These groups had above-average rates on most clinical measures.

Six primary care medical groups achieved rates that were above average more frequently than others. Each of these medical groups achieved above-average rates on <u>at least half</u> of the clinical measures on which they were reported.

Table 22A: High Performing Medical Groups in 2010 - Primary Care

Medical Group	Asthma	Upper Respiratory Infection	Pharyngitis	Bronchitis	Optimal Diabetes	Optimal Vascular	Controlling High BP	Colorectal Cancer Screening	Breast Cancer Screening	Cervical Cancer Screening	Cancer Screening Combined	Chlamydia Screening	Childhood Immunization Status	COPD
HealthPartners Clinics 12 out of 14		•	•		•	•	•	•	•	•	•	•	•	•
Park Nicollet Health Services 9 out of 14		•			•	•			•	•		•	•	•
Quello Clinic 9 out of 14					•	•	•	•	•	•	•	•	$\otimes$	•
CentraCare Health System 8 out of 14	•					•		•		•	•			
HealthEast 8 out of 14		•	•		•	•		•			•		•	
Fairview Health Services 8 out of 14		•	•	•	•	•				•	•	•		

Medical group rate and CI fully above average

**⊘** = Data size too small

Blank = Measure reported but rate was average or below average.

Five of ten urgent/convenience care clinics achieved rates that were above average more frequently than others. Each of these clinics achieved above-average rates on at least two of the clinical measures on which they were reported.

#### Table 22B: High Performing Medical Groups in 2010 - Urgent/Convenience Care

Medical Group	Asthma	Upper Respiratory Infection	Pharyngitis	Bronchitis	Breast Cancer Screening	Cervical Cancer Screening	Chlamydia Screening
Emergency Physicians	$\otimes$		•	•	$\otimes$	$\otimes$	$\otimes$
Express HealthCare	$\otimes$	•	•	•			$\otimes$
MinuteClinic		•	•	•			
Now Care Medical Center	$\otimes$						
WestHealth Urgent Care	$\otimes$	•	•	$\otimes$			$\otimes$

Medical group rate and CI fully above average

🛇 = Data size too small

\*Patients attributed to this entity receive the majority of their annual health care at this entity. These patients are less likely

to receive primary care services when they seek care at one of these entities.

Five of sixteen pediatric care clinics achieved rates that were above average more frequently than others. Each of these clinics achieved above average rates on three of the clinical measures on which they were reported.

#### Table 22C: High Performing Medical Groups in 2010 - Pediatric

Medical Group	Asthma	Chlamydia Screening	URI	Pharyngitis	Childhood Immunization
Metropolitan Pediatric Specialists 3 out of 5	•		•	•	
Partners in Pediatrics - Children's Physician Network 3 out of 5	•		•	•	
Southdale Pediatric Associates, Ltd. 3 out of 5	•		•	•	
Wayzata Children's Clinic 3 out of 5			•	•	•
Children's Hospital Clinic, MPLS, St. Paul, TAMS, PACE 3 out of 5	•		•	•	

Medical group rate and CI fully above average

Blank = Measure reported but rate was average or below average.

Fourteen of seventeen OB/GYN groups achieved rates that were above average more frequently than others. Each of these medical groups achieved above-average rates on at least half of the clinical measures on which they were reported.

#### Table 22D: High Performing Medical Groups in 2010 - Obstetrics/Gynecology

Medical Group	Breast Cancer Screening	Cervical Cancer Screening	Chlamydia Screening
Clinic Sofia OB/GYN			
Partners OB/GYN	•	•	•
Diamond Women's Center		•	
John A. Haugen Associates	•	•	
Northland OB/GYN Associates		•	
Oakdale OB/GYN		•	
Obstetrics & Gynecology Associates		•	
Obstetrics & Gynecology West		•	
Obsetetrics, Gyn & Infertility		•	
Western OB/GYN	•	•	
Adefris & Topping Women's Specialists		•	$\otimes$
Advanced Specialty Care for Women		•	$\otimes$
Paul Larson OB/GYN Clinic		•	
Southdale OB/GYN Consultants			

Medical group rate and CI fully above average

🛇 = Data size too small

Blank = Measure reported but rate was average or below average.

N/A = Measure not Applicable

\*Patients attributed to this entity receive the majority of their annual health care at this entity. These patients are less likely to receive primary care services when they seek care at one of these entities.

One of three cardiology groups achieved rates that were above average more frequently than others. This group achieved an above-average rate on the Optimal Vascular Care measure.

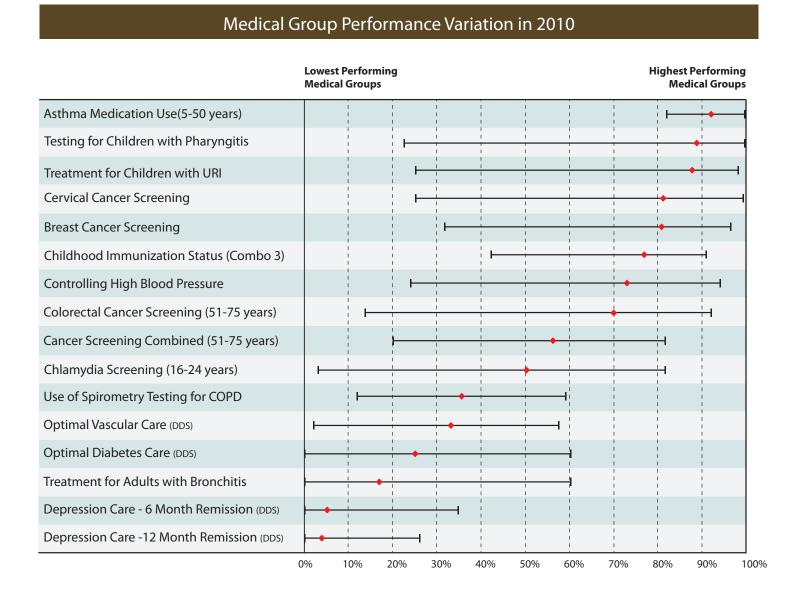
Table 22E: High Performing Medical Groups in 2010 - Cardiology

Medical Group	Optimal Vascular Care	Controlling High Blood Pressure
St. Paul Heart	•	

Medical group rate and CI fully above average

Blank = Measure reported but rate was average or below average.

For all measures, we observed considerable variation across medical groups. For two measures, some medical groups achieved performance rates of 100 percent.



#### **Future Plans**

As noted earlier, MN Community Measurement has undergone several systematic changes in its programs over the last couple of years, including:

- Extension of clinical data collection system, Direct Data Submission, to report additional measures at the clinic level;
- Broad expansion of the numbers of medical groups and clinics participating in public reporting;
- Extension of public reporting to include measures of hospital care;
- Publication of our data on our consumer-facing website, www.mnhealthscores.org.

We have outlined what we see as our key strengths and strategies to drive improvement through measurement and public reporting:

#### Develop meaningful measures based on the best clinical evidence

#### New measures

Over the next year, we are focused on creating new measures in the areas of maternity care; spine surgery; total knee replacement and high-tech diagnostic imaging. We will also be developing a hospital readmission measure for which the unit of measure will be medical groups and hospitals. And finally, under a contract to providing measurement services for the Minnesota Department of Health (MDH) Healthcare Homes initiative, we will be developing a functional status measure.

#### Ambulatory Surgery Centers

Starting in 2011, the state requires that all Ambulatory Surgery Centers located in Minnesota register and submit quality measurement data to MNCM as part of the Statewide Quality Reporting and Measurement System. Ambulatory Surgery Centers will submit data for three measures: prophylactic intravenous (IV) antibiotic timing; appropriate surgical site hair removal; and hospital transfer/admission.

#### Promote alignment of measures and centralized reporting to reduce administrative burden

The federal health reform legislation and other federal provisions, including the requirements for meaningful use of HIT, call for an enhanced federal role in providing a framework for the creation of new measures as well as data collection and reporting. We will continue to press for a strong role for regional improvement initiatives in developing and improving measures in alignment with federal efforts and in serving as a vehicle for centralized reporting.

Perhaps one of the most exciting developments at MNCM since the addition of Direct Data Submission (DDS) is our new full population submission option. If a medical group can submitting full population data, MNCM can use the data to serve multiple purposes, including submitting PQRI and e-prescribing data to CMS, generating DDS diabetes and vascular files to fulfill the MDH reporting requirements, and even submitting data for the Bridges to Excellence and Blue Cross Blue Shield Minnesota pay-for-performance programs.

## **Future Plans**

#### Promote the use of measurement data to improve quality

Effective measures relate to the outcomes we want for patients; they address areas where we know there is significant room for improvement; they have care redesign activities available that that can improve the results; and they are aligned across the community so they provide consistent messages and comparable results from which to learn. And most importantly, they are limited in number so there are enough resources available to have impact.

To address these competing needs, MN Community Measurement bases its measure prioritization on broad input from those who will use the measures. This year we have expanded membership in our measurement advisory committees and included a public comment process. We are also spreading our new measurement activity beyond primary care and into specialty areas that can yield significant improvements in the value of care. We are thinking ahead to new data sources, such as patient-derived data, that can provide meaningful information beyond what is currently available in provider medical records. And we are improving our measurement processes so we reduce the data collection burden wherever possible.

#### Engage consumers in using measurement data to make informed decisions about their care.

Under the auspices of our grant from the Robert Wood Johnson Foundation as an *Aligning Forces for Quality* community we have engaged consumers by making our measurement data available on the consumer-friendly HealthScores website and making the subset of our diabetes information available on the D5 website. We have also engaged consumers through their employers, encouraging employers to make the information available to employees during the open enrollment process. Further refinements of the HealthScores website are scheduled for the upcoming year, as are activities to further engage consumers through their employer. We also hope to work with community-based organizations to develop other culturally-sensitive consumer engagement strategies.

If we are successful in implementing these future plans, harnessing both the momentum of our Minnesota community and the new energy of the federal government, we will continue to break new ground in the measurement and reporting of quality data, driving more and more improvement towards the goal of high-quality, high-value care.

# Acknowledgements

The 2010 Health Care Quality Report is a collaborative effort led by MN Community Measurement on behalf of the Minnesota health care community and the broader public. We would like to acknowledge the contributions of all organizations that shared their resources and the individuals who shared their time and expertise to make this report possible. We offer our sincerest thanks to:

**The health plans and county-based purchasing organizations that contributed data for this report:** Blue Cross and Blue Shield of Minnesota, Itasca Medical Care, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest, Sanford Health Plan, South Country Health Alliance, UCare.

The medical groups and clinics that submitted data for this report: Medical groups and clinics are listed on pages 181-183.

**The Data Planning Group, delivering technical guidance on data specifications and collection:** Sarah Cook-Burton, Lisa Deml, Nancy Garrett, Laura Green, Herbert Heien, Tatyana Kotlovskiy, Andy Lancette, Ann Herzog Morrison, Kathleen Hulting, Sarah Pianka, Margareth Ranheim, Sherri Ryan, Kristjan Selvig, Rinku Shrestha, Monica Simmer, Alex Tava, Diane Wehrle, Rachel Woods.

Data Intelligence Consultants, LLC who conducted and prepared the data for collection and reporting for this report: Angie Carlson and Glenn Trygstad.

**The Measurement and Reporting Advisory Committee, providing expertise in reporting policy and measure selection:** Beth Averbeck, Terry Cahill, Craig Christianson, Howard Epstein, Matt Flory, Betty Hanna, Nancy Jarvis, Vicki Kunerth, Chuck McKinzie, Terry Murray, Chris Norton, Mark Nyman, Bruce Penner, Jeff Rank, Ann Robinow, Darin Smith, Kris Soegaard, Mark Sonneborn, David Tilstra, Linda Walling.

**The MN Community Measurement Board of Directors, granting organizational oversight and leadership support:** Brian J. Anderson, Donna Anderson, Jack Arland, Beth Averbeck, Pete Benner, Barry Bershow, Kent Bottles, Julie Brunner, Terence P. Cahill, Dann Chapman, Jim Chase, Patricia Dennis, Nancy Garrett, Pam Houg, Nancy Jarvis, Jennifer Lundblad, , Lawrence Massa, Robert Meiches, Nathan A. Moracco, Mark Nyman, Marshall Smith.

# Multispecialty and Primary Care Medical Groups Reported in 2010-(187)

AALFA

Adult Medicine, PA Affiliated Community Medical Centers Albert Lea Clinic - Mayo Health System Alexandria Clinic Allina Health System Allina Medical Clinic Altru Health System Amery Regional Medical Center Apple Valley Medical Clinic Appleton Area Health Services Arcade Medical Center Aspen Medical Group **Attending Physicians** Austin Medical Center - Mayo Health System Avera Medical Clinic Axis Medical Center Baldwin Area Medical Center Barnesville Area Clinic **Big Lake Clinic Bigfork Valley Hospital, Clinics & Communities Bloomington Lake Clinic** BMC & St. Joe's Medical Center Clinics **Boynton Health Service Bridges Medical Center Broadway Medical Center Buffalo Clinic Burnett Medical Center Burnsville Family Physicians** Cannon Falls Medical Center - Mayo Health System Cannon Valley Clinic - Mayo Health System Carlos Fernandez Clinic **Catalyst Medical Clinic** CCMH - Montevideo Clinic Cedar Riverside People's Center Centracare Health System **Central Lakes Medical Clinic** Charles N Marvin Jr MD Children's Hosp. Clinics Mpls, St. P, TAMS, PACE **Clearwater Health Services Community Memorial Hospital** Community University Health Care Center **Consultants Internal Medicine** Dawson Clinic Deer River Healthcare Center Donald E Gehrig, MD, Internal Medicine, LLC Dr. Bobby K. Yang Medical Clinic Dr. VM Baich, PA **Eagan Valley Pediatrics** Edina Family Physicians Edina Sports Health & Wellness **ELEAH Medical Center** Face to Face Health & Counseling Fairmont Medical Center - Mayo Health System Fairview Health Services Fairview Mesaba Clinics Family Health Medical Clinics Family HealthServices Minnesota **Family Medical Center** Family Medicine of Winona Family Practice Medical Center of Willmar Family Tree Clinic Farmington Clinic Fergus Falls Medical Group **First Care Medical Services** 

**Foley Medical Center** France Avenue Family Physicians Franciscan Skemp - Mayo Health System Fremont Community Clinics Gary E. Schnitker, M.D. Gateway Family Health Clinic Gillette Children's Glencoe Regional Health Services Glenwood Medical Center Graceville Health Center Clinic Grand Itasca Clinic **Gundersen** Clinic Hamm Clinic Hartberg Medical Clinic Health Spirit Clinic HealthEast HealthPartners Central Minnesota Clinics HealthPartners Clinics Hendricks Clinic Hennepin Faculty Associates & HCMC Clinics Hutchinson Medical Center Immanuel St. Joseph - Mayo Health System Indian Health Board of Minneapolis Innovis Health InterMed Consultants Johnson Street Clinic **Kass Clinics** Kidney Specialists of Minnesota, PA **Kittson Memorial Clinic** Lac Qui Parle Clinic Lake City Medical Center and Clinic - Mayo Health System Lake Superior Community Health Center Lake View Clinic-Two Harbors Lakeview Clinic, Ltd. Lakeview Medical Clinic Lakewood Health Center Clinic Lakewood Health System Lifesteps Family Physicians Luther Midelfort - Mayo Health System Mankato Clinic Mayo Clinic Mayo Health System **MD** Physicals **Medical Care Services** Meeker Memorial Clinic MeritCare Metropolian Medical Associates Metropolitan Internists Mid Minnesota Family Medicine Center Migrant Health Service **Mille Lacs Clinics** Multicare Associates of the Twin Cities Murray County Clinic Native American Community Clinic New Spirit Women's Clinic North Clinic North Memorial Clinic North Metro Pediatrics Northpoint Health and Wellness Center Northside Medical Center Northstar Physicians Northwest Family Physicians **Olmsted Medical Center One Stop Medical Center Open Cities Health Center** 

Open Door Health Center Osceola Medical Center Owatonna Clinic - Mayo Health System Park Nicollet Health Services Parkview Medical Clinic Parkway Family Physicians Network Paynesville Area Health Care System Planned Parenthood of Minnesota, North Dakota, South Dakota Queen of Peace Hospital - Outpatient Clinic Quello Clinic Range Medical Services, Ltd. Red Cedar Medical Center - Mayo Health System **Renville County Hospital and Clinics** Richard Schoewe, MD **Richfield Medical Group Ridaeview** Clinics **River of Life Services** Riverplace Clinic, Inc. River's Edge Hospital & Clinic **Riverside Family Physicians Riverview Clinics Riverwood Aitkin Clinic Robbinsdale** Clinic Ronald R Vessey MD Internal Med. Services P.A. Sacred Heart Mercy Health Care Center Saint Cloud State University Student Health Services Sanford Clinic Sawtooth Mountain Clinic Scenic Rivers Health Services Sharpe Dillon Cockson & Associates PA Sibley Medical Center Silver Lake Clinic Sleepy Eye Medical Center Southdale Internal Medicine Southern Metro Medical Clinics Southside Community Health Services St. Cloud Medical Group St. Croix Regional Medical Center St. Luke's Clinic St. Mary's Innovis Health St. Mary's/Duluth Health Care System St. Paul Family Medical Center Steven Saliterman Stevens Community Medical Center - Morris Stillwater Medical Group SuperiorHealth Center **Tri-County Hospital Clinics** United Family Medicine **United Hospital District Clinics** Unity Family Healthcare - Avon University of Minnesota Physicians University of St. Thomas Student Health Service Valley Family Practice Virginia Regional Medical Center West Side Community Health Services Western Wisconsin Medical Associates Wheaton Community Medical Center Clinic Williams Integracare Clinic Winona Health

# Other Types of Medical Groups Reported in 2010

#### **3 Endocrinology Clinics**

Endocrinology Clinic of MpIs Mark P. Stesin, MD MN Center for Obesity, Metabolism and Endocrinology (MNCOME)

#### **3 Cardiology Clinics**

Minneapolis Heart Institute St. Paul Heart St. Paul Cardiology

#### **19 Obsetetrics/Gynecology Clinics**

Adefris & Toppin Women's Specialists Advanced Specialty Care for Women Brainerd Medical Center OB/GYN Clinic Sofia OB/GYN Comprehensive Healthcare for Women Diamond Women's Center Female Pelvic Medicine & Reconstructive Surgery John A. Haugen Associates Metropolitan OB & GYN Northland OB/GYN Associates Oakdale OB/GYN Obstetrics & Gynecology Associates Obstetrics & Gynecology West Obstetrics, GYN & Infertility Partners OB/GYN Paul Larson OB/GYN Clinic Pavelka Reproductive Associates Southdale OB/GYN Consultants

#### **10 Urgent/Convenience Care Clinics**

Chaska Urgent Care Emergency Physicians Express Healthcare MinuteClinic Now Care Medical Centers Physicians Urgent Care Priority Pediatrics Urgent Care Suburban Emergency Associates Urgent Care Doctor's Office WestHealth Urgent Care

#### 16 Pediatric/Adolescent Medicine Clinics

All About Children Pediatrics Associates in Newborn Medicine, PA Central Pediatrics Dakota Pediatric Clinic **Ophthalmology PA** Fridley Children's & Teenagers' Medical Center- Children's Physician Network Mendakota Pediatrics Metropolitan Pediatric Specialists Northeast Pediatric Clinic Northern Lights Pediatric and Adolescent Medicine Partners in Pediatrics - Children's Physician Pediatric and Young Adult Medicine- Children's Physician Network Pediatric and Adolescent Services Pediatric Services South Lake Pediatrics Southdale Pediatric Associates, Ltd. Wayzata Children's Clinic

## Other Types of Medical Groups Reported in 2010

#### **6 Behavioral Health Clinics**

Behavior Wizards Bluestem Center Human Development Center Human Services, Inc. Lakeland Mental Health Center Northern Pines Olmsted County Rapid Access Clinic St. Cloud Hospital - Behavioral Health Clinic

#### **71 Other Specialty Clinics**

Academic Dermatology Adult and Pediatric Urology Advanced Dermatology Care Advancements in Allergy and Asthma Care Allergy and Asthma Care Allergy and Asthma Specialists Allergy, Asthma & Immunology Clinic Anesthesia Associates of St. Cloud, Ltd. Associated Eye Care Associated SkinCare Specialists, PA Austin & Treacy, PA Center for Reproductive Medicine **Certified Medical Evaluations** Children's Respiratory & Critical Care Specialists **Colon & Rectal Surgery Associates Courage Center Physicians** Crutchfield Dermatology **Dermatology Consultants** Ear, Nose & Throat Specialty Care Edina Plastic Surgery Eisenstadt Allergy and Asthma, LLP Heartland Orthopedic Specialists Institute for Low Back and Neck Care Itasca Surgical Clinic Janning ENT Center Lakes Area Urology Life Medical Lufkin Eye Clinic MAPS Medical Pain Clinic Metro Urology Mid Minnesota Radiation Oncology Midwest Ear, Nose & Throat Specialists Midwest Immunology Clinic **Midwest Spine Institute** Minneapolis Clinic of Neurology **Minneapolis Radiation Oncology** 

Minnesota Epilepsy Group, PA Minnesota Lung Center/Minnesota Sleep Institute Minnesota Oncology Hematology PA Noran Neurological Clinic North Urology Northland Ear, Nose and Throat Associates Northland Plastic Surgery Northwest Eye Clinic **Ophthalmology Associates of Mankato** Orthopaedic Associates of Duluth, P.A. Pediatric Surgical Associates, LTD Pelvic Floor Center **Phoenix Center Physicians Diagnostics & Rehabilitation** Physicians Neck and Back Clinics Pulmonary & Critical Care Associates **Red Lake Outpatient Clinic Regional Eye Specialists Riverside Endoscopy Center** Southdale Allergy & Asthma Clinic Southdale Otolaryngology Southwest MN Orthopedics and Sports Medicine St Paul Allergy & Asthma Clinic, P.A. St. Cloud Ear, Nose & Throat St. Paul Eye Clinic St. Paul Surgeons The Children's Heart Clinic The Ear Nose and Throat Clinic & Hearing Center The Orthopeadic & Fracture Clinic The Schuster Clinic **Twin Cities Spine Center** Vascular Surgery Associates VitreoRetinal Surgery, P.A Wayzata Orthopedics West Metro Opthalmology

We wish to thank all medical groups, clinics and hospitals in Minnesota and bordering communities for their continued commitment to quality improvement as a means to provide the best care possible

## Hospitals Reporting AHRQ and CMS Measures in 2010 - (135)

Abbott Northwestern Hospital Albany Area Hospital and Medical Center Albert Lea Medical Center - Mayo Health System Appleton Municipal Hospital and Nursing Home Austin Medical Center - Mayo Health System Avera Marshall Regional Medical Center **Bigfork Valley Hospital Bridges Medical Center Buffalo Hospital** Cambridge Medical Center Cannon Falls Med. Center - Mayo Health System CentraCare Health System - Melrose \*Children's Hospitals and Clinics of Minnesota \*Children's Hospitals and Clinics of Minnesota Chippewa County-Montevideo Hospital **Clearwater Health Services** Cloquet Community Memorial Hospital & C&NC Cook County North Shore Hospital Cook Hospital & C&NC Cuyuna Regional Medical Center Deer River HealthCare Center **District One Hospital Douglas County Hospital ELEAH Medical Center** Ely-Bloomenson Comm. Hosp. & Nursing Home Fairmont Medical Center - Mayo Health System Fairview Lakes Regional Medical Center Fairview Northland Medical Center Fairview Red Wing Medical Center Fairview Ridges Hospital Fairview Southdale Hospital Fairview University Medical Center - Mesabi First Care Medical Services \*Gillette Children's Specialty Healthcare Glacial Ridge Health System **Glencoe Regional Health Services** Graceville Health Center Grand Itasca Clinic and Hospital & C&NC Granite Falls Municipal Hospital & Manor Hendricks Community Hospital Association Hennepin County Medical Center Hutchinson Area Health Care Immanuel St. Joseph's - Mayo Health System Johnson Memorial Health Services Kanabec Hospital Kittson Memorial Healthcare Center Lake City Medical Center - Mayo Health System Lake Region Healthcare Corporation

Lake View Memorial Hospital & Home \*\*Lakeside Medical Center Lakeview Hospital LakeWood Health Center Lakewood Health System LifeCare Medical Center Long Prairie Memorial Hospital & Home Madelia Community Hospital Madison Hospital Mahnomen Health Center Meeker Memorial Hospital Mercy Hospital Mercy Hospital & Health Care Center MeritCare Thief River Falls Northwest Med. Ctr. Mille Lacs Health System \*\*Minneapolis VA Medical Center Minnesota Valley Health Center Murray County Medical Center New River Medical Center New Ulm Medical Center North Country Health Services North Memorial Medical Center North Valley Health Center Northfield Hospital & Long Term Care Center **Olmsted Medical Center Ortonville Area Health Services Owatonna Hospital** Park Nicollet Methodist Hospital Paynesville Area Health Care System Perham Memorial Hospital and Home Phillips Eye Institute **Pine Medical Center Pipestone County Medical Center** Queen of Peace Hospital **Rainy Lake Medical Center RC Hospital & Clinics** \*\*Red Lake Hospital Redwood Area Hospital Regina Medical Center **Regions Hospital Rice Memorial Hospital Ridgeview Medical Center** River's Edge Hospital & Clinic **RiverView Health** Riverwood HealthCare Center **Rochester Methodist Hospital** Saint Elizabeth's Medical Center Saint Marys Hospital

Sanford Canby Medical Center Sanford Hospital Luverne Sanford Jackson Medical Center Sanford Tracy Medical Center Sanford Westbrook Medical Center Sibley Medical Center Sleepy Eye Medical Center SMDC Health System Springfield Medical Center - Mayo Health System \*\*St. Cloud VA Medical Center St. Cloud Hospital St. Francis Healthcare Campus St. Francis Regional Medical Center St. Gabriel's Hospital St. James Medical Center - Mayo Health System St. John's Hospital St. Joseph's Area Health Services Inc. St. Joseph's Hospital St. Joseph's Medical Center St. Luke's Hospital St. Mary's Medical Center St. Mary's Regional Health Center St. Michael's Hospital & Nursing Home Stevens Community Medical Center Swift County-Benson Hospital Tri-County Health Care Tyler Healthcare Center/Avera United Hospital United Hospital District Unity Hospital University of Minnesota Medical Center, Faiview Virginia Regional Medical Center Waseca Medical Center - Mayo Health System Wheaton Community Hospital White Community Hospital & C&NC Windom Area Hospital Winona Community Memorial Hospital Woodwinds Health Campus Worthington Regional Hospital

\*Reported AHRQ Measures only \*\*Reported CMS Measures only This page intentionally left blank.

# Summary Of Risk Adjustment Results by Measure

Individual clinic Optimal Diabetes Care and Optimal Vascular Care clinic level rates were adjusted to account for potential differences in patient populations which may be outside of the influence of clinicians. Final audited rates were adjusted using a Minnesota statewide average distribution of patients across three major insurance product types - Commercial; Medicare; and MN Healthcare Programs + Uninsured/Self-pay.

Insurance product type may be indicative of a patient's socioeconomic status, and can be used to standardize results. The statewide average distribution was calculated using data submitted by clinics for each measure.

#### **Statewide Average Patient Distribution**

Measure	Commercial	Medicare	MN Healthcare Programs + Uninsured/Self-pay
Optimal Diabetes Care	54.7%	29.5%	15.8%
Optimal Vascular Care	47.4%	43.3%	9.3%

Patient counts from each clinic were categorized into one of these three major insurance types using information contained in the patient record. Quality rates (percent of patients meeting the measure) were calculated for each insurance type, for each clinic. A portion of records was not identified by insurance product type (roughly 10% of the total). In an attempt to include all records in the risk adjustment formula, these unidentified patient records were redistributed for each clinic in the same proportion as their identified counts were originally distributed. A simple average of the rates from each clinic's unidentified category was attached to their unidentified counts as the records were redistributed. Final clinic level data was then used in the formal risk adjustment methodology.

Each clinic's final patient distribution across the three insurance types was compared to the statewide average distribution. If a clinic did not have at least 10 patients in each insurance product type, initial adjustments were made before reweighting the scores. If the clinic had 0 patients in any product type, it was assigned the statewide average score for that same product type. If the clinic had more than 1 patient in each product type (but less than 10), the clinic was assigned the average of their score among those patients in the category (N). For the remainder of patients (10-N), the clinic was assigned the statewide average for that population for that product type, resulting in a new blended rate for this category. The quality rates for each insurance type were then reweighted using the statewide average distribution of patients to arrive at a final risk-adjusted rate.

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Adult Medicine, PA	60.8%	51.2%	51	Total Population
CentraCare - Becker	60.0%	54.6%	60	Sample
Allina Medical Clinic - Brooklyn Park	58.7%	56.6%	75	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	56.8%	57.2%	338	Total Population
CentraCare - Internal Medicine River Campus	53.3%	47.8%	60	Sample
HealthPartners - Inver Grove Heights	51.5%	51.3%	410	Total Population
Southdale Internal Medicine, P.A.	50.0%	47.0%	60	Sample
Apple Valley Medical Clinic	49.9%	49.2%	1053	Total Population
Family HealthServices Minnesota - White Bear Office	49.6%	47.6%	278	Total Population
HealthEast - Midway	48.6%	46.3%	477	Total Population
Allina Medical Clinic - Blaine	48.5%	48.6%	171	Total Population
Park Nicollet Clinic - Golden Valley	47.6%	45.4%	593	Total Population
Allina Medical Clinic - Buffalo	47.1%	47.0%	563	Total Population
Allina Medical Clinic - West Health Campus	46.8%	46.6%	419	Total Population
Western Wisconsin Medical Associates - Ellsworth Medical Clinic	46.7%	44.6%	60	Sample
Fairview Oxboro Clinic	46.4%	45.9%	1152	Total Population
Allina Medical Clinic - St. Michael	46.3%	46.0%	136	Total Population
HealthPartners - RiverWay Elk River	45.8%	45.7%	397	Total Population
Allina Medical Clinic - Eagan	45.7%	45.0%	514	Total Population
Fairview Bass Lake Clinic	45.1%	45.4%	122	Total Population
HealthPartners - Arden Hills	45.0%	43.9%	535	Total Population
Fairview Rosemount Clinic	44.9%	43.8%	158	Total Population
Allina Medical Clinic - Coon Rapids	44.8%	44.2%	2969	Total Population
Fairview Eagan Clinic	44.2%	43.6%	464	Total Population
Allina Medical Clinic - Farmington	43.8%	42.8%	317	Total Population
HealthEast - Downtown St. Paul	43.6%	41.6%	550	Total Population
Family HealthServices Minnesota - Gorman Clinic	43.2%	40.8%	428	Total Population
Fairview RidgeValley Clinic	43.0%	43.0%	237	Total Population
Allina Medical Clinic - West St. Paul	42.9%	42.2%	830	Total Population
Allina Medical Clinic - Ramsey	42.9%	42.1%	632	Total Population
Allina Medical Clinic - The Doctors Uptown	42.9%	43.0%	245	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	42.8%	41.6%	180	Total Population
Allina Medical Clinic - Woodbury	42.3%	40.7%	912	Total Population
Allina Medical Clinic - Elk River	41.8%	41.8%	328	Total Population
CentraCare - Melrose	41.7%	39.3%	60	Sample
Cannon Valley Clinic	41.7%	40.6%	60	Sample
Park Nicollet Clinic - Shorewood	41.4%	40.8%	203	Total Population
Fairview Lakeville Clinic	41.4%	42.5%	116	Total Population
Allina Medical Clinic - United Medical Specialties	41.1%	40.2%	1400	Total Population
Park Nicollet Clinic - Wayzata	41.0%	39.3%	498	Total Population
HealthPartners - Coon Rapids	40.9%	41.5%	753	Total Population
Allina Medical Clinic - Edina	40.9%	41.0%	460	Total Population
Allina Medical Clinic - Woodlake	40.7%	39.2%	759	Total Population
Allina Medical Clinic - Northfield	40.7%	39.8%	801	Total Population
Allina Medical Clinic - Shoreview	40.6%	39.7%	670	Total Population
Allina Medical Clinic - Hastings (W First St)	40.6%	38.7%	680	Total Population
Allina Medical Clinic - Cottage Grove	40.4%	40.6%	841	Total Population
France Avenue Family Physicians	40.2%	40.7%	368	Total Population
HealthEast - Vadnais Heights	40.2%	39.4%	371	Total Population
Allina Medical Clinic - Maple Grove	40.1%	40.6%	324	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
HealthPartners - RiverWay Andover	40.1%	39.6%	584	Total Population
Quello Clinic - Chanhassen	40.0%	41.9%	95	Total Population
Franciscan Skemp - LaCrescent	40.0%	41.0%	60	Sample
University of Minnesota Physicians Mill City Clinic	40.0%	39.2%	35	Total Population
Allina Medical Clinic - Cokato	39.9%	40.3%	148	Total Population
Quello Clinic - Edina	39.6%	38.2%	396	Total Population
Allina Medical Clinic - Champlin	39.6%	40.0%	571	Total Population
HealthPartners - North Suburban Roseville	39.5%	39.3%	342	Total Population
Allina Medical Clinic - Isles	39.3%	39.3%	257	Total Population
Allina Medical Clinic - Prescott	39.3%	37.5%	56	Total Population
Fairview Crosstown Clinic	39.2%	39.0%	375	Total Population
Allina Medical Clinic - Forest Lake	39.1%	38.2%	721	Total Population
HealthPartners - Riverside	38.9%	39.9%	969	Total Population
Allina Medical Clinic - Hastings (Nininger)	38.9%	37.8%	478	Total Population
Park Nicollet Clinic - Prairie Center	38.8%	38.5%	281	Total Population
HealthPartners - Brooklyn Center	38.8%	39.4%	833	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	38.7%	38.0%	305	Total Population
HealthPartners - Apple Valley	38.7%	39.5%	520	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	38.6%	37.8%	1501	Total Population
Park Nicollet Clinic - Eagan	38.6%	40.2%	578	Total Population
Allina Medical Clinic - Crossroads Chaska	38.4%	35.7%	292	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	38.3%	37.6%	506	Total Population
St. Cloud Medical Group - Clearwater Medical Clinic	38.3%	37.0%	60	Sample
Immanuel St. Joseph - Mankato Northridge	38.3%	39.3%	60	Sample
Affiliated Community Medical Centers - New London Clinic	37.8%	37.3%	188	Total Population
HealthPartners - Maplewood	37.8%	38.3%	662	Total Population
HealthPartners - West	37.7%	38.3%	475	Total Population
Park Nicollet Clinic - Plymouth	37.6%	36.4%	476	Total Population
Park Nicollet Clinic - Carlson	37.6%	37.2%	737	Total Population
Allina Medical Clinic - Annandale	37.6%	38.2%	149	Total Population
Fairview Maple Grove Medical Center	37.6%	37.4%	213	Total Population
Family HealthServices Minnesota - Banning Avenue	37.5%	36.6%	285	Total Population
HealthPartners - Como	37.2%	37.0%	830	Total Population
Allina Medical Clinic - Faribault	37.1%	36.8%	886	Total Population
Allina Medical Clinic - Shakopee	37.1%	36.9%	448	Total Population
Fairview Northeast Clinic	37.0%	37.1%	397	Total Population
Park Nicollet Clinic - Prior Lake	37.0%	36.9%	203	Total Population
St. Cloud Medical Group - Cold Spring Medical Clinic	36.7%	37.1%	60	Sample
Immanuel St. Joseph - St. Peter	36.7%	36.3%	60	Sample
HealthPartners - Woodbury	36.5%	36.0%	938	Total Population
Allina Medical Clinic - Cambridge Medical Center	36.4%	35.7%	1436	Total Population
Northstar Physicians - Northland Family Physicians	36.2%	35.3%	58	Total Population
Park Nicollet Clinic - Burnsville	36.2%	36.6%	1213	Total Population
Affiliated Comm. Med. Centers - Marshall Clinic (Market Street)	36.0%	36.1%	872	Total Population
Allina Medical Clinic - Nicollet Mall	36.0%	35.8%	597	Total Population
HealthPartners - RiverWay Anoka	36.0%	34.8%	931	Total Population
HealthPartners - White Bear Lake	35.9%	34.5%	434	Total Population
Allina Medical Clinic - North Branch	35.5%	34.8%	93	Total Population
Fairview Zimmerman Clinic	35.2%	36.7%	270	Total Population
Affiliated Community Medical Centers - Benson Clinic	35.2%	34.9%	290	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Family HealthServices Minnesota - Shoreview	35.1%	35.7%	239	Total Population
Park Nicollet Clinic - Chanhassen	35.1%	35.2%	684	Total Population
Western Wisconsin Medical Associates - Spring Valley Med. Clinic	35.0%	32.8%	60	Sample
Immanuel St. Joseph - Springfield	35.0%	34.1%	60	Sample
Allina Medical Clinic - Mora	34.8%	33.1%	586	Total Population
Northwest Family Physicians - Rogers	34.6%	33.6%	234	Total Population
Park Nicollet Clinic - Maple Grove	34.6%	33.9%	110	Total Population
Fairview Hiawatha Clinic	34.4%	34.5%	506	Total Population
HealthEast - Cottage Grove	34.3%	32.7%	545	Total Population
Affiliated Community Medical Centers - Willmar Clinic	34.3%	34.2%	1547	Total Population
Family Practice Medical Center of Willmar	34.0%	33.4%	526	Total Population
HealthEast - Woodbury	34.0%	33.8%	748	Total Population
Family HealthServices Minnesota - Highland Family Physicians	33.6%	32.3%	307	Total Population
Family HealthServices Minnesota - Afton Road	33.3%	32.5%	453	Total Population
Fairview Lino Lakes Clinic	33.3%	31.9%	273	Total Population
HealthEast - Hugo	33.3%	33.1%	90	Total Population
Mankato Clinic - North Mankato	33.3%	32.4%	60	Sample
Immanuel St. Joseph - Le Sueur	33.3%	32.9%	60	Sample
Luther Midelfort - Chippewa Valley	33.3%	32.3%	60	Sample
Northstar Physicians - Raiter Clinic	33.3%	28.8%	36	Total Population
Burnsville Family Physicians	32.8%	30.9%	262	Total Population
Family HealthServices Minnesota - Inver Grove Heights	32.6%	32.3%	481	Total Population
HealthPartners - Health Specialty Center	32.5%	33.3%	1734	Total Population
HealthPartners - North Suburban Lino Lakes	32.1%	33.2%	262	Total Population
Quello Clinic - Lakeville	31.9%	31.2%	386	Total Population
Fairview EdenCenter Clinic	31.8%	32.4%	478	Total Population
Park Nicollet Clinic - Brookdale	31.8%	32.5%	1472	Total Population
MeritCare - Mahnomen	31.8%	26.7%	85	Total Population
Western Wisconsin Medical Associates - River Falls Medical Clinic	31.7%	31.1%	120	Sample
Western Wisconsin Medical Associates - New Richmond Clinic	31.7%	29.7%	60	Sample
CentraCare - Family Medicine-Health Plaza	31.7%	30.8%	60	Sample
CentraCare - Diabetes Center	31.7%	31.2%	60	Sample
Mayo Clinic - Northeast	31.7%	29.8%	60	Sample
Immanuel St. Joseph - Madelia	31.7%	30.6%	60	Sample
Wabasha Clinic	31.7%	29.5%	60	Sample
Franciscan Skemp - Sparta	31.7%	32.0%	60	Sample
Park Nicollet Clinic - Bloomington	31.6%	31.5%	620	Total Population
Allina Health System - New Ulm Medical Center	31.5%	30.2%	940	Total Population
Fairview Ridges Clinic	31.5%	30.6%	867	Total Population
HealthPartners - Bloomington	31.5%	31.3%	664	Total Population
Fairview Hugo Clinic	31.3%	29.0%	134	Total Population
St. Mary's/Duluth Clinic - Hayward	31.3%	28.7%	499	Total Population
Park Nicollet Clinic - Shakopee	31.2%	32.2%	717	Total Population
Family HealthServices Minnesota - North St. Paul Clinic	31.2%	29.7%	677	Total Population
Fairview Chisago Lakes Clinic	31.0%	30.1%	332	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	31.0%	30.5%	84	Total Population
HealthPartners - Health Center for Women	30.8%	31.1%	240	Total Population
Allina Health System - Abbott NW General Med. Associates - Edin	30.8%	30.8%	426	Total Population
Parkway Family Physicians	30.7%	30.7%	124	Total Population
HealthEast - Grand Avenue	30.5%	32.2%	167	Total Population
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Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Park Nicollet Clinic - St. Louis Park Family Medicine	30.4%	30.6%	901	Total Population
Fairview North Branch Clinic	30.4%	30.1%	326	Total Population
CentraCare - Heartland	30.0%	30.0%	60	Sample
CentraCare - St. Joseph	30.0%	26.4%	60	Sample
St. Cloud Medical Group - Northwest	30.0%	<b>29.8</b> %	60	Sample
Immanuel St. Joseph - Mankato Eastridge	30.0%	26.0%	60	Sample
St. Mary's/Duluth Clinic - Spooner	30.0%	30.1%	337	Total Population
Family HealthServices Minnesota - Larpenteur Clinic	29.9%	29.2%	371	Total Population
Fairview Highland Park Clinic	29.6%	28.6%	307	Total Population
Fairview Princeton Clinic	29.6%	28.8%	655	Total Population
Fairview Elk River Clinic	29.6%	29.0%	348	Total Population
SMDC Medical Center - DC Hermantown	29.6%	28.1%	555	Total Population
Olmsted Medical Center - Plainview Clinic	29.4%	28.4%	85	Total Population
HealthEast - Maplewood	29.3%	28.8%	307	Total Population
Fairview Red Wing Medical Center	29.2%	28.2%	912	Total Population
Hutchinson Medical Center	28.8%	28.1%	1095	Total Population
Family HealthServices Minnesota - Woodbury Office	28.7%	27.2%	254	Total Population
Luther Midelfort - Eau Claire	28.3%	28.1%	60	Sample
Franciscan Skemp - Caledonia	28.3%	28.9%	60	Sample
Franciscan Skemp- Waukon	28.3%	28.1%	60	Sample
Fairview CedarRidge Clinic	28.2%	28.6%	606	Total Population
Olmsted Medical Center - Rochester Northwest	28.2%	28.0%	117	Total Population
St. Mary's/Duluth Clinic - Ely	28.1%	26.8%	416	Total Population
Family HealthServices Minnesota - Woodlane Family Practice	28.1%	27.6%	228	Total Population
Allina Medical Clinic - Crossroads Prior Lake	28.0%	27.1%	100	Total Population
St. Mary's/Duluth Clinic - Chisholm	28.0%	26.2%	75	Total Population
St. Mary's/Duluth Clinic - Aurora	27.9%	26.7%	344	Total Population
Fairview Milaca Clinic	27.7%	27.4%	231	Total Population
HealthPartners - Center for International Health	27.6%	27.3%	337	Total Population
Northwest Family Physicians - Plymouth	27.4%	28.9%	277	Total Population
St. Mary's/Duluth Clinic - Ashland	27.3%	25.4%	663	Total Population
St. Mary's/Duluth Clinic - Hibbing	27.1%	26.5%	580	Total Population
Fairview Uptown Clinic	27.0%	28.7%	215	Total Population
HealthPartners - Midway	26.9%	28.1%	472	Total Population
SMDC Medical Center - DC West	26.9%	26.6%	774	Total Population
SMDC Medical Center - DC Lakeside	26.7%	25.8%	344	Total Population
SMHS/DC-Superior	26.7%	24.0%	840	Total Population
CentraCare - Internal Medicine Plaza	26.7%	28.0%	60	Sample
Fairview Mesaba Clinic - Mountain Iron	26.7%	27.3%	60	Sample
Mayo Clinic - Northwest	26.7%	27.8%	60	Sample
Owatonna Clinic	26.7%	28.8%	60	Sample
Lake City	26.7%	25.4%	60	Sample
University of Minnesota Physicians - Smiley's Clinic	26.6%	27.4%	470	Total Population
MeritCare - Southpointe Internal Medicine	26.6%	28.2%	760	Total Population
HealthPartners Central Minnesota Clinics - St. Cloud	26.5%	26.0%	566	Total Population
Quello Clinic - Savage	26.5%	26.2%	151	Total Population
Quello Clinic - Burnsville	26.1%	25.8%	426	Total Population
MeritCare - South Moorhead Internal Medicine	26.1%	28.4%	357	Total Population
MeritCare - Black Duck	26.1%	24.6%	119	Total Population
University of Minnesota Physicians - Phalen Clinic	26.0%	22.7%	354	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Fairview Lakes Medical Center	25.9%	25.5%	937	Total Population
MeritCare - Perham	25.9%	27.1%	351	Total Population
igtriangle Park Nicollet Clinic - St. Louis Park Endocrinology	25.9%	26.1%	2858	Total Population
Western Wisconsin Medical Associates - Hudson Physicians	25.8%	26.1%	97	Sample
North Memorial Clinic - Camden Physicians Plymouth	25.7%	24.1%	443	Total Population
Olmsted Medical Center - St. Charles Clinic	25.7%	25.9%	70	Total Population
HealthPartners - St. Paul	25.4%	26.1%	902	Total Population
HealthEast - Oakdale	25.1%	25.4%	510	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	25.0%	25.5%	60	Sample
Mankato Clinic - Mapleton	25.0%	24.3%	60	Sample
Lakeview Clinic - Waconia	25.0%	24.3%	60	Sample
Steven Saliterman, MD	25.0%	24.0%	60	Total Population
Mayo Clinic - Kasson	25.0%	22.8%	60	Sample
Immanuel St. Joseph - St. James	25.0%	24.7%	60	Sample
Franciscan Skemp- Prairie du Chien	25.0%	22.3%	60	Sample
MeritCare - New York Mills	24.6%	24.0%	167	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	24.5%	24.2%	273	Total Population
MeritCare - Bemidji Internal Medicine	24.5%	24.4%	638	Total Population
Park Nicollet Clinic - Creekside	24.4%	26.1%	246	Total Population
Multicare Associates - Blaine Medical Center	24.4%	23.7%	632	Total Population
MeritCare - North Fargo	24.3%	26.6%	259	Total Population
SMDC Medical Center - DC First St Bldg	24.2%	24.7%	1308	Total Population
Richard Schoewe MD	24.1%	22.6%	58	Total Population
$\Delta$ University of Minnesota Physicians - Medicine 6 Clinic, Endocrine	24.1%	23.9%	286	Sample
Altru Health System - Drayton	24.1%	23.2%	54	Total Population
MeritCare - Southpointe Family Medicine	24.0%	22.9%	746	Total Population
University of Minnesota Physicians - Primary Care Center	23.9%	24.0%	472	Total Population
North Memorial Clinic - Plymouth Internal Medicine	23.5%	23.5%	472	Total Population
North Memorial Clinic - Golden Valley Physicians	23.5%	23.1%	371	Total Population
Northwest Family Physicians - Crystal	23.3%	23.4%	754	Total Population
Innovis Health - Wahpeton	23.3%	22.8%		Sample
•	23.3%	22.5%	120	Sample
Richfield Medical Group Innovis Health - Lisbon		24.2%	60	
	23.3% 23.3%	22.4%	60	Sample Sample
St. Cloud Medical Group - South Mankato Clinic - Daniel's Health Center		20.5%	60	Sample
	23.3%	23.8%	60	Sample
Family Medicine of Winona	23.3%	25.5%	60	•
Immanuel St. Joseph - Mankato Specialty Clinic	23.3%	23.5%	60	Sample
Franciscan Skemp - LaCrosse	23.3%		60	Sample
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	23.3%	21.6%	60	Sample
St. Mary's/Duluth Clinic - Deer River	23.3%	22.7%	416	Total Population
Family HealthServices Minnesota - Vadnais Heights Office	23.2%	23.0%	297	Total Population
Rainy Lake Medical Center	23.2%	22.4%	487	Total Population
MeritCare - Valley City	23.1%	25.4%	307	Total Population
North Memorial Clinic - Brooklyn Center Physicians	23.0%	21.4%	209	Total Population
Allina Medical Clinic - Hinkley	22.9%	22.9%	166	Total Population
Fairview Jonathan Clinic	22.6%	22.0%	124	Total Population
Fairview Mesaba Clinic - Hibbing	22.5%	22.2%	120	Sample
Fairview Brooklyn Park Clinic	22.5%	23.2%	120	Sample
△ Endocrinology Clinic of Minneapolis	22.5%	24.6%	80	Sample
Bloomington Lake Clinic - Minneapolis	22.4%	23.2%	465	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Fairview Rush City Clinic	22.2%	20.4%	234	Total Population
Fairview Red Wing Zumbrota Clinic	22.2%	22.2%	153	Total Population
Olmsted Medical Center - Byron Clinic	22.2%	21.7%	117	Total Population
Stillwater Medical Group - Curve Crest Clinic	22.1%	21.4%	1655	Total Population
Multicare Associates - Fridley Medical Center	22.0%	21.0%	950	Total Population
Bloomington Lake Clinic - Xerxes	22.0%	22.4%	432	Total Population
Hutchinson Area Health Care - Dassel Medical Center	21.8%	21.0%	55	Total Population
MeritCare - Jamestown	21.7%	22.5%	414	Total Population
Innovis Health - West Acres	21.7%	21.7%	60	Sample
Aspen Medical Group - White Bear Lake	21.7%	20.3%	60	Sample
Mankato Clinic - Wickersham Campus	21.7%	21.4%	60	Sample
Austin Medical Center	21.7%	21.4%	60	Sample
Cannon Falls Medical Center	21.7%	20.8%	60	Sample
Immanuel St. Joseph - Waseca	21.7%	20.7%	60	Sample
Luther Midelfort - Oakridge	21.7%	21.1%	60	Sample
Catalyst Medical Clinic	21.7%	21.7%	60	Sample
Franciscan Skemp- Onalaska	21.7%	22.4%	60	Sample
Franciscan Skemp- Holmen	21.7%	22.0%	60	Sample
MeritCare - Mayville	21.4%	21.8%	140	Total Population
Red Cedar Medical Center	21.4%	21.3%	98	Sample
Ridgeview Chanhassen Clinic	21.3%	20.8%	225	Total Population
Olmsted Medical Center - Preston Clinic	21.2%	19.8%	113	Total Population
Multicare Associates - Roseville Medical Center	21.2%	20.2%	198	Total Population
SuperiorHealth Center - Lakewalk	20.9%	19.4%	67	Total Population
Winona Health - Winona Health Clinics	20.8%	20.7%	120	Sample
Northstar Physicians - Cromwell Medical Clinic	20.8%	23.3%	48	Total Population
Wheaton Community Medical Center	20.8%	13.3%	48	Total Population
HealthEast - Roselawn	20.7%	20.2%	449	Total Population
Olmsted Medical Center - Pine Island Clinic	20.5%	20.9%	112	Total Population
Innovis Health - Walker	20.0%	17.1%	60	Sample
St. Luke's Clinics - P.S. Rudie Medical Clinic	20.0%	18.9%	60	Sample
Albert Lea Medical Center	20.0%	19.5%	60	Sample
Gateway Family Health Clinic - Moose Lake	20.0%	20.2%	60	Sample
Family HealthServices Minnesota - Maryland Clinic	19.9%	19.8%	357	Total Population
AALFA Family Clinic	19.7%	19.5%	218	Total Population
MeritCare - Broadway Internal Medicine	19.5%	20.2%	697	Total Population
Park Nicollet Clinic - Minneapolis	19.4%	20.6%	725	Total Population
North Memorial Clinic - Brooklyn Park Physicians	19.4%	19.0%	469	Total Population
Innovis Health - South University	19.2%	18.6%	120	Sample
Fairview Columbia Heights Clinic	19.2%	19.2%	120	Sample
MeritCare - Twin Valley	18.9%	18.9%	53	Total Population
△MeritCare - Endocrinology	18.8%	19.0%	207	Total Population
Valley Family Practice	18.8%	19.8%	80	Sample
Altru Health System - Family Medicine Center	18.8%	18.7%	64	Sample
Olmsted Medical Center - Rochester Southeast	18.7%	19.0%	1319	Total Population
St. Mary's/Duluth Clinic - Virginia	18.4%	17.4%	694	Total Population
Innovis Health - Moorhead	18.3%	19.3%	60	Sample
Aspen Medical Group - Highland	18.3%	18.2%	60	Sample
CentraCare - Long Prairie	18.3%	14.5%	60	Sample
Mayo Clinic - Mayo Building	18.3%	19.9%	60	Sample

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Franciscan Skemp- Lake Tomah	18.3%	16.9%	60	Sample
Dawson Clinic	18.3%	18.4%	60	Sample
HealthEast - Rice Street	18.0%	18.6%	551	Total Population
MeritCare - South Moorhead Family Medicine	17.9%	20.0%	358	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	17.5%	17.6%	120	Sample
MeritCare - East Grand Forks	17.4%	19.7%	293	Total Population
Murray County Clinic	17.1%	16.9%	76	Total Population
Mankato Clinic - Main Street	16.9%	15.9%	154	Sample
Fairview Fridley Clinic	16.7%	16.9%	120	Sample
Aspen Medical Group - Bandana Square	16.7%	17.1%	60	Sample
Fairview Mesaba Clinic - Nashwuk	16.7%	16.5%	60	Sample
St. Luke's Clinics - Denfeld	16.7%	17.1%	60	Sample
St. Luke's Clinics - Internal Medicine Associates	16.7%	17.7%	60	Sample
$\Delta$ St. Luke's Clinics - Endocrinology Associates	16.7%	16.6%	60	Sample
Fairmont Medical Center	16.7%	16.5%	60	Sample
Northstar Physicians - Family Medical Center	16.7%	15.5%	60	Sample
North Clinic - Oakdale Office in Robbinsdale	16.5%	15.9%	127	Sample
Hennepin Faculty Associates - Hennepin Care South	16.4%	14.3%	268	Total Population
North Memorial Clinic - Camden Physicians Maple Grove	16.2%	15.4%	358	<b>Total Population</b>
St. Luke's Clinics - Miller Creek	16.1%	16.5%	56	Total Population
Winona Health- Lewiston Clinic	16.0%	16.4%	50	Total Population
University of Minnesota Physicians - Bethesda Clinic	15.9%	23.1%	427	Total Population
Ridgeview Delano Clinic	15.9%	15.0%	157	Total Population
Fairview Blaine Clinic	15.8%	16.9%	120	Sample
Brainerd Medical Clinic	15.8%	15.2%	120	Sample
MeritCare - West Fargo	15.8%	19.7%	538	Total Population
Southern Metro Medical Clinics - Le Sueur Medical Clinic	15.7%	15.6%	89	Total Population
$^{\!$	15.4%	19.4%	65	Sample
Aspen Medical Group - Maplewood	15.0%	16.1%	60	Sample
Lakeview Clinic - Chaska	15.0%	14.6%	60	Sample
Winona Health - Rushford Clinic	15.0%	15.3%	60	Sample
St. Luke's Clinics - Hibbing Family Medical Clinic	15.0%	16.4%	60	Sample
Luther Midelfort - Northland	15.0%	14.2%	60	Sample
Sanford Clinic Tracy/Balaton/Walnut Grove	15.0%	14.5%	60	Sample
Gateway Family Health Clinic - Sandstone	15.0%	13.3%	60	Sample
Green Central Medical Clinic	15.0%	17.7%	60	Sample
MeritCare - Hillsboro	14.9%	19.8%	134	Total Population
North Memorial Clinic - Minnetonka Physicians	14.9%	14.7%	229	Total Population
Scenic Rivers Health Services - Bigfork	14.8%	13.6%	182	Total Population
Hartberg Medical Clinic	14.8%	14.8%	61	Sample
Hennepin Faculty Associates - HFA Internal Medicine Clinic	14.7%	15.7%	495	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	14.7%	13.9%	68	Total Population
Olmsted Medical Center - Wanamingo Clinic	14.7%	14.5%	34	Total Population
New Spirit Women's Clinic	14.5%	11.4%	62	Sample
North Memorial Clinic - Camden Physicians - Mpls	14.3%	14.0%	335	Total Population
Lake View Clinic - Two Harbors	14.3%	13.9%	77	Sample
Albany Medical Center	14.3%	13.6%	70	Sample
Northstar Physicians - Family Medical Clinic-Internal Medicine	14.3%	11.9%	56	Total Population
MeritCare - Hawley	14.0%	14.3%	57	Total Population
MeritCare - Resident Clinic	14.0%	17.7%	93	Total Population
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Olmsted Medical Center - Chatfield Clinic	13.9%	13.0%	101	Total Population
MeritCare - Detroit Lakes	<b>13.8</b> %	14.4%	463	Total Population
Parkview Medical Clinic	13.7%	14.6%	73	Total Population
North Memorial Clinic - Northeast Family Physicians	1 <b>3.6</b> %	13.0%	176	Total Population
Sanford Clinic Westbrook	1 <b>3.6</b> %	13.7%	66	Sample
MeritCare - Thief River Falls Northwest Clinic	1 <b>3.6</b> %	13.3%	455	Total Population
Paynesville Eastside Medical Clinic	13.5%	13.7%	37	Total Population
Silver Lake Clinic - Shoreview	13.5%	13.1%	230	Total Population
MeritCare - Bemidji North	13.4%	14.7%	142	Total Population
Innovis Health - Park Rapids	13.3%	13.6%	120	Sample
Innovis Health - West Fargo	13.3%	13.4%	60	Sample
Mankato Clinic - Lake Crystal	13.3%	13.6%	60	Sample
Lakeview Clinic - Norwood	13.3%	13.3%	60	Sample
Innovis Health - Menahga	13.3%	13.6%	60	Sample
St. Luke's Clinics - Mount Royal	13.3%	13.6%	60	Sample
St. Luke's Clinics - Mariner Medical Clinic	13.3%	13.1%	60	Sample
St. Joseph's Medical Center - Crosslake Clinic	13.3%	13.4%	60	Sample
St. Joseph's Medical Center - Pillager Clinic	13.3%	12.9%	60	Sample
Sanford Clinic Canby	13.3%	13.6%	60	Sample
MeritCare - Bemidji Family Medicine	13.1%	14.3%	587	Total Population
MeritCare - Enderlin	12.8%	17.5%	39	<b>Total Population</b>
Ridgeview Westonka Clinic	12.8%	12.2%	400	Total Population
Altru Health System - Main	12.7%	13.2%	63	Sample
Healing Spirit Clinic	12.5%	13.1%	48	Sample
SuperiorHealth Center - Proctor	12.3%	13.0%	65	Total Population
Mid Minnesota Family Medicine Center	12.2%	13.9%	271	Total Population
St. Luke's Clinics - Bay Area	12.1%	12.5%	66	Total Population
Northstar Physicians - Iron Range Clinic	12.1%	11.1%	58	Total Population
Silver Lake Clinic - St. Anthony	12.1%	11.1%	398	Total Population
Innovis Health - Jamestown	11.7%	12.6%	60	Sample
Altru Health System - Lake Region	11.7%	11.1%	60	Sample
West Side Community Health Services - La Clinica	11.7%	17.8%	60	Sample
St. Luke's Clinics - Duluth Internal Medicine Associates	11.7%	10.7%	60	Sample
Franciscan Skemp - Arcadia	11.7%	12.5%	60	Sample
Sanford Clinic - Luverne	11.7%	11.6%	60	Sample
Fairview Andover Clinic	11.7%	15.0%	60	Sample
Sanford Clinic Jackson	11.7%	11.1%	60	Sample
Stillwater Medical Group - Somerset Clinic	11.6%	11.8%	95	Total Population
Altru Health System - Cavalier	11.5%	12.8%	61	Sample
Hennepin Faculty Associates - HCMC Family Medical Center	11.4%	12.2%	708	Total Population
Sawtooth Mountain Clinic, Inc	11.4%	10.1%	70	Sample
Fairview Red Wing Ellsworth Clinic	11.3%	11.7%	62	Total Population
MeritCare - Walker	11.3%	13.1%	195	Total Population
Glencoe Regional Health Services	11.3%	11.0%	240	Sample
Edina Family Physicians	11.3%	12.0%	80	Sample
United Hospital District Clinic	11.3%	9.7%	80	Sample
MeritCare - Wahpeton	11.2%	9.8%	365	Total Population
$\triangle$ HFA - Hennepin Center for Diabetes & Endocrinology	11.1%	12.2%	377	Total Population
Hennepin Faculty Associates - Hennepin Family Care E. Lake Clinic		10.6%	283	Total Population
Renville County Hospital and Clinics - Hector	10.9%	12.5%	55	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
North Memorial Clinic - Elk River Physicians	10.7%	10.6%	177	Total Population
Edina Sports Health & Wellness	10.7%	10.5%	197	Total Population
Hennepin Faculty Associates - Hennepin Center for Senior Care	10.6%	18.4%	66	Total Population
Southern Metro Medical Clinics - Belle Plaine Clinic	10.5%	10.4%	86	Total Population
Northstar Physicians - Central Lakes Medical Clinic-Internal Med.	10.4%	12.2%	67	Total Population
Boynton Health Service	10.3%	9.8%	126	Total Population
Northstar Physicians - Duluth Family Practice Center	10.3%	9.5%	78	Sample
North Clinic - Osseo Office	10.0%	10.9%	130	Sample
Alexandria Clinic	10.0%	9.2%	120	Sample
MeritCare - Pelican Rapids	10.0%	10.1%	100	Total Population
Grand Itasca Clinic	10.0%	10.0%	80	Sample
Aspen Medical Group - Inver Grove Heights	10.0%	10.7%	60	Sample
Aspen Medical Group - Bloomington	10.0%	10.9%	60	Sample
Open Cities Health Center - Dunlap	10.0%	16.4%	60	Sample
Lakeview Clinic - Watertown	10.0%	10.3%	60	Sample
St. Luke's Clinics - Laurentian	10.0%	8.5%	60	Sample
Sanford Clinic Adrian	10.0%	9.8%	60	Sample
St. Mary's Innovis Health Clinic - Frazee	10.0%	10.6%	60	Sample
Clearwater Health Services Clinic	10.0%	6.4%	60	Sample
St. Joseph's Medical Center - Pine River Clinic	9.8%	7.6%	61	Sample
Mille Lacs Health System - Onamia	9.8%	9.7%	61	Sample
Northside Medical Clinic	9.8%	9.9%	102	Sample
Paynesville Chain of Lakes Medical Clinic	9.6%	9.6%	94	Total Population
Stevens Community Medical Center	9.5%	9.2%	305	Total Population
Hendricks Clinic P.A.	9.5%	9.2%	74	Sample
Scenic Rivers Health Services - Northome	9.3%	5.9%	43	Total Population
RiverView Clinic North	9.1%	11.1%	66	Sample
Sanford Clinic - Mountain Lake	9.1%	9.1%	66	Sample
ELEAH Medical Center - Morris Prairie Medical	9.1%	12.9%	55	Total Population
North Clinic - Maple Grove Office	9.0%	11.4%	67	Sample
Sanford Clinic Windom	9.0%	9.0%	67	Sample
NorthPoint Health & Wellness Center	8.9%	8.6%	824	Total Population
Lakeview Medical Clinic	8.8%	8.0%	251	Total Population
Avera Worthington Specialty Clinic	8.8%	8.9%	80	Sample
University of Minnesota Physicians - Broadway Family Medicine	8.7%	7.3%	529	Total Population
FamilyHealth Medical Clinic - Lonsdale	8.7%	8.7%	69	Total Population
Hennepin Faculty Associates - HCMC Positive Care Clinic	8.6%	9.9%	81	Total Population
LQP Clinic	8.5%	8.4%	71	Total Population
Innovis Health - Fosston	8.3%	8.6%	60	Sample
Innovis Health - Valley City	8.3%	9.6%	60	Sample
Fremont Community Health Services - Central Avenue Clinic	8.3%	10.2%	60	Sample
St. Luke's Clinics - Chequamegon Clinic	8.3%	8.7%	60	Sample
St. Joseph's Medical Center - Pequot Lakes Clinic	8.3%	7.7%	60	Total Population
Southside Medical Clinic	8.3%	19.2%	60	Sample
MeritCare - Cass Lake	8.2%	12.7%	73	Total Population
Altru Health System - Grand Forks Family Medicine Residency	8.2%	8.5%	61	Sample
Altru Health System - Warroad	8.2%	7.4%	61	Sample
Buffalo Clinic - St. Michael Clinic in Albertville	7.9%	7.3%	126	Sample
Foley Medical Center	7.9%	8.4%	76	Total Population
Buffalo Clinic - Buffalo	7.9%	8.0%	140	Sample

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Hennepin Faculty Associates - Hennepin Care North	7.8%	9.7%	256	Total Population
Community-University Health Care Center	7.7%	12.7%	65	Total Population
Tyler Medical Clinic	7.6%	7.9%	66	Sample
Olmsted Medical Center - Spring Valley Clinic	7.5%	8.1%	133	Total Population
LakeWood Health Center Clinic	7.5%	8.1%	80	Sample
Graceville Health Center Clinic	7.5%	4.7%	40	Total Population
Olmsted Medical Center - Stewartville Clinic	7.5%	7.6%	94	Total Population
FamilyHealth Medical Clinic - Northfield	7.4%	7.2%	108	Total Population
Hennepin Faculty Associates - HCMC Medicine Clinic	7.2%	7.9%	1995	Total Population
Stevens Community Medical Center - Starbuck Clinic	7.0%	7.5%	57	Total Population
Brooten Medical Center	7.0%	7.4%	43	Total Population
Bertha Medical Clinic	7.0%	7.1%	43	Total Population
St. Croix Family Medical Clinic	7.0%	23.6%	43	Total Population
Renville County Hospital and Clinics - Olivia	6.8%	6.8%	162	Total Population
Paynesville Medical Clinic	6.7%	5.8%	104	Sample
Aspen Medical Group - Hopkins	6.7%	6.6%	60	Sample
Riverside Family Physicians	6.7%	11.3%	60	Sample
Consultants Internal Medicine	6.7%	7.8%	60	Sample
West Side Community Health Services - McDonough Homes Clinic	6.7%	14.2%	60	Sample
Northstar Physicians - Longville Lakes Clinic	6.7%	8.2%	60	Sample
Appleton Clinic	6.7%	6.4%	60	Sample
Attending Physicians	6.6%	6.2%	91	Sample
Paynesville Green Lake Medical Clinic	6.5%	8.7%	31	Total Population
Avera - United Medical Clinic	6.3%	6.4%	79	Sample
Burnett Medical Center	6.3%	6.0%	224	Total Population
North Clinic - WestHealth Office in Plymouth	5.8%	7.5%	69	Sample
Wadena Medical Center	5.8%	6.5%	69	Sample
SMDC Med Cntr-Duluth Clinic	5.7%	6.0%	157	Total Population
United Family Medicine	5.7%	8.7%	70	Sample
Allina Health System - Abbott NW General Medicine Assoc Mpls	5.5%	3.9%	55	Total Population
Gateway Family Health Clinic - Hinckley	5.4%	5.3%	37	Total Population
Ottertail Area Medical Clinic	5.4%	6.1%	37	Total Population
Sanford Clinic Lakefield	5.3%	5.0%	38	Sample
St. Joseph's Medical Center - Pierz Clinic	5.1%	6.2%	59	Total Population
Broadway Medical Center - Alexandria	5.1%	4.5%	218	Sample
Ridgeview Excelsior Clinic	5.0%	5.3%	80	Total Population
Riverwood Aitkin Clinic	5.0%	6.9%	80	Sample
McGregor Clinic	5.0%	4.5%	80	Sample
Ridgeview Winsted Clinic	5.0%	3.7%	60	Total Population
Mille Lacs Health System - Isle	5.0%	4.2%	60	Sample
Henning Medical Clinic	5.0%	5.5%	60	Sample
Altru Health System - Crookston	<b>4.9</b> %	4.7%	61	Sample
Renville County Hospital and Clinics - Renville	4.9%	4.0%	61	Total Population
Sanford Clinic - Worthington	4.9%	5.4%	61	Sample
Range Medical Services, Ltd.	4.8%	5.0%	105	Total Population
Paynesville Richmond Medical Clinic	4.7%	4.7%	106	Sample
ELEAH Medical Center - Elbow Lake	4.6%	3.7%	65	Total Population
Southern Metro Medical Clinics - New Prague Medical Clinic	4.1%	3.4%	148	Total Population
Scenic Rivers Health Services - Cook	3.9%	3.1%	128	Total Population
Lake Superior Community Health Center - Duluth	3.8%	2.3%	79	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Avera - Pipestone County Medical Center	3.8%	3.5%	80	Sample
Paynesville Watkins Medical Clinic	3.6%	4.0%	55	Total Population
Johnson Street Medical Clinic	3.4%	3.0%	89	Total Population
Aspen Medical Group - East Lake Street	3.3%	2.9%	60	Sample
Altru Health System - Roseau	3.3%	5.0%	60	Sample
Broadway Medical Center - Parkers Prairie	3.3%	3.3%	60	Sample
Sibley Medical Center	3.3%	2.8%	60	Sample
Ridgeview Howard Lake Clinic	3.3%	6.4%	30	Total Population
FamilyHealth Medical Clinic - Lakeville	3.2%	9.2%	31	Total Population
Life Medical	3.2%	5.2%	63	Sample
Scenic Rivers Health Services - Floodwood	3.1%	3.5%	32	Total Population
Garrison Clinic	2.9%	2.1%	69	Total Population
Southern Metro Medical Clinics - Montgomery Medical Clinic	2.7%	4.3%	74	Total Population
Paynesville Eden Valley Medical Clinic	2.4%	3.4%	85	Total Population
HealthEast - St. Anthony Park	2.0%	3.5%	51	Total Population
Open Cities Health Center - Northend	1.7%	8.7%	60	Sample
Cedar Riverside People's Center - People's Center Medical Clinic	1.7%	13.5%	60	Sample
Northstar Physicians - Central Lakes Medical Clinic	1.4%	3.0%	72	Sample
Sleepy Eye Medical Center	1.3%	1.4%	80	Sample
Glenwood Medical Center	1.2%	1.4%	257	Total Population
Open Door Health Center	0.0%	2.1%	79	Total Population
West Side Community Health Services - East Side Family Clinic	0.0%	0.1%	60	Sample
Fremont Community Health Services - Fremont Clinic	0.0%	0.9%	60	Sample
Buffalo Clinic - Monticello	0.0%	0.3%	60	Sample
Children's Speciality Clinic - St. Paul	0.0%	10.3%	60	Total Population
Native American Community Clinic	0.0%	0.0%	60	Sample
FamilyHealth Medical Clinic - Farmington	0.0%	1.5%	51	<b>Total Population</b>

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Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Western Wisconsin Medical Associates - Ellsworth Medical Clinic	68.3%	67.2%	60	Sample
Fairview Rosemount Clinic	65.8%	63.2%	38	Total Population
HealthEast - Midway	60.8%	<b>59.7</b> %	204	Total Population
Park Nicollet Clinic - Shorewood	60.6%	57.3%	66	Total Population
Quello Clinic - Chanhassen	60.0%	58.7%	30	Total Population
Fairview Eagan Clinic	59.9%	<b>59.8</b> %	152	Total Population
Family HealthServices Minnesota - White Bear Office	59.6%	57.5%	104	Total Population
Immanuel St. Joseph - Mankato Northridge	58.3%	<b>59.6</b> %	60	Sample
Fairview Crosstown Clinic	58.0%	58.0%	174	Total Population
Fairview Oxboro Clinic	57.9%	57.9%	399	Total Population
France Avenue Family Physicians	57.1%	56.3%	70	Total Population
Richfield Medical Group	56.7%	52.6%	60	Sample
HealthPartners - Arden Hills	56.5%	56.8%	154	Total Population
Aspen Medical Group - Highland	56.1%	55.6%	41	Total Population
Fairview Hugo Clinic	55.3%	52.4%	38	Total Population
Allina Medical Clinic - Maple Grove	55.2%	52.3%	67	Total Population
+North Memorial Heart & Vascular Institute	55.0%	54.6%	60	Sample
HealthEast - Vadnais Heights	54.7%	54.1%	53	Total Population
Allina Medical Clinic - Eagan	54.5%	54.3%	134	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	54.1%	51.4%	37	Total Population
Allina Medical Clinic - The Doctors Uptown	53.6%	53.6%	84	Total Population
CentraCare - Internal Medicine Plaza	53.6%	48.8%	56	Total Population
Allina Medical Clinic - Hastings (W First St)	52.6%	52.2%	228	Total Population
Family HealthServices Minnesota - Gorman Clinic	52.6%	51.2%	171	Total Population
Allina Medical Clinic - Farmington	52.1%	53.2%	71	Total Population
Park Nicollet Clinic - Golden Valley	52.0%	51.3%	269	Total Population
HealthPartners - Inver Grove Heights	51.8%	52.1%	114	Total Population
Allina Medical Clinic - Buffalo	51.7%	51.1%	232	Total Population
Family HealthServices Minnesota - Shoreview	51.2%	49.7%	86	Total Population
HealthEast - Downtown St. Paul	51.2%	50.4%	305	Total Population
Family HealthServices Minnesota - Larpenteur Clinic	50.9%	49.7%	110	Total Population
Northwest Family Physicians - Rogers	50.9%	49.5%	57	Total Population
Allina Medical Clinic - Isles	50.7%	47.4%	73	Total Population
Allina Medical Clinic - Hastings (Nininger)	50.7%	49.7%	225	Total Population
Family HealthServices Minnesota - Highland Family Physicians	50.0%	48.4%	102	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	50.0%	48.0%	60	Sample
Southdale Internal Medicine, P.A.	50.0%	48.3%	60	Sample
Lake City	50.0%	48.1%	60	Sample
Allina Medical Clinic - Blaine	50.0%	49.4%	52	Total Population
Allina Medical Clinic - Coon Rapids	49.9%	49.4%	1010	Total Population
HealthPartners - Como	49.8%	49.8%	321	Total Population
Allina Medical Clinic - West Health Campus	49.8%	50.1%	209	Total Population
Allina Medical Clinic - Woodbury	49.5%	49.1%	293	Total Population
Family HealthServices Minnesota - Afton Road	49.2%	48.9%	177	Total Population
Allina Medical Clinic - Shoreview	49.0%	47.4%	263	Total Population
Allina Medical Clinic - Ramsey	48.7%	47.9%	263	Total Population
Allina Medical Clinic - Woodlake	48.6%	48.2%	368	Total Population
Mayo Clinic - Northeast	48.3%	47.2%	60	Sample
Park Nicollet Clinic - Wayzata	47.9%	47.3%	242	Total Population
Allina Medical Clinic - Elk River	47.9%	47.6%	117	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Crossroads Chaska	47.7%	47.6%	149	Total Population
Allina Medical Clinic - Northfield	<b>47.6</b> %	47.4%	330	Total Population
St. Mary's/Duluth Clinic - Hayward	47.2%	48.7%	267	Total Population
HealthPartners - Apple Valley	47.1%	46.8%	102	Total Population
HealthPartners - Riverside	47.0%	46.3%	449	Total Population
Park Nicollet Clinic - Carlson	<b>46.9</b> %	46.3%	290	Total Population
CentraCare - Family Medicine-Health Plaza	<b>46.9</b> %	41.5%	32	Total Population
HealthPartners - Coon Rapids	<b>46.8</b> %	45.7%	218	Total Population
Fairview EdenCenter Clinic	<b>46.7</b> %	46.3%	137	Total Population
Immanuel St. Joseph - Waseca	<b>46.7</b> %	46.0%	60	Sample
Luther Midelfort - Eau Claire	<b>46.7</b> %	44.7%	60	Sample
Apple Valley Medical Clinic	<b>46.6</b> %	46.8%	146	Total Population
Park Nicollet Clinic - Eagan	<b>46.2</b> %	44.0%	169	Total Population
HealthPartners - Woodbury	<b>46.</b> 1%	47.2%	271	Total Population
Park Nicollet Clinic - Shakopee	<b>46.0</b> %	46.3%	213	Total Population
HealthPartners - Maplewood	<b>46.0</b> %	46.8%	174	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	<b>46.0</b> %	45.3%	346	Total Population
Northstar Physicians - Northland Family Physicians	<b>46.0</b> %	44.8%	37	Total Population
North Clinic - WestHealth Office in Plymouth	<b>45.9</b> %	43.5%	61	Sample
HealthPartners - RiverWay Andover	45.8%	45.5%	201	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	45.7%	45.8%	575	Total Population
Allina Medical Clinic - United Medical Specialties	45.5%	43.1%	220	Total Population
Fairview RidgeValley Clinic	45.5%	45.2%	143	Total Population
Quello Clinic - Lakeville	45.3%	45.4%	148	Total Population
Allina Medical Clinic - Cokato	45.2%	47.1%	31	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	<b>45.0</b> %	44.9%	111	Total Population
Aspen Medical Group - Maplewood	<b>45.0</b> %	44.3%	60	Sample
+St. Paul Heart Clinic - Downtown	<b>45.0</b> %	45.9%	60	Sample
+St. Paul Heart Clinic - Lakeview Heart Center	<b>45.0</b> %	43.7%	60	Sample
Western Wisconsin Medical Associates - New Richmond Clinic	<b>45.0</b> %	43.3%	60	Sample
CentraCare - Internal Medicine River Campus	<b>45.0</b> %	43.7%	60	Sample
Mayo Clinic - Mayo Building	45.0%	43.5%	60	Sample
Affiliated Comm. Medical Centers - Marshall Clinic (Market Street)	45.0%	45.0%	189	Total Population
Quello Clinic - Edina	<b>44.8</b> %	44.6%	105	Total Population
Allina Medical Clinic - Nicollet Mall	<b>44.8</b> %	45.3%	181	Total Population
Allina Medical Clinic - Forest Lake	44.7%	43.6%	356	Total Population
Affiliated Community Medical Centers - Willmar Clinic	<b>44.6</b> %	44.4%	343	Total Population
Allina Medical Clinic - Cottage Grove	44.5%	44.5%	229	Total Population
Fairview Ridges Clinic	44.4%	44.4%	315	Total Population
Family HealthServices Minnesota - North St. Paul Clinic	44.2%	44.0%	190	Total Population
HealthPartners - North Suburban Roseville	44.1%	43.9%	118	Total Population
Fairview Highland Park Clinic	44.0%	44.8%	109	Total Population
SuperiorHealth Center - Lakewalk	43.9%	43.3%	66	Total Population
HealthPartners - RiverWay Anoka	43.9%	43.5%	205	Total Population
Park Nicollet Clinic - Prairie Center	43.8%	42.7%	105	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	43.6%	42.8%	55	Total Population
Mankato Clinic - North Mankato	43.3%	41.9%	60	Sample
Allina Medical Clinic - Edina	<b>42.9</b> %	43.3%	196	Total Population
Park Nicollet Clinic - Maple Grove	42.9%	43.5%	119	Total Population
Fairview Maple Grove Medical Center	<b>42.9</b> %	41.6%	63	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
HealthPartners - North Suburban Lino Lakes	42.7%	41.8%	82	Total Population
Allina Medical Clinic - Champlin	42.6%	41.6%	136	Total Population
Fairview Hiawatha Clinic	42.5%	43.1%	134	Total Population
Park Nicollet Clinic - Chanhassen	42.5%	42.0%	212	Total Population
Family HealthServices Minnesota - Inver Grove Heights	42.4%	41.5%	224	Total Population
HealthEast - Maplewood	42.3%	40.2%	104	Total Population
St. Cloud Medical Group - Cold Spring Medical Clinic	42.2%	42.5%	45	Total Population
Allina Medical Clinic - Cambridge Medical Center	42.0%	41.7%	614	Total Population
Allina Medical Clinic - West St. Paul	42.0%	41.3%	281	Total Population
HealthPartners - Brooklyn Center	41.8%	42.5%	251	Total Population
HealthPartners - Health Specialty Center	41.7%	42.5%	338	Total Population
St. Luke's Clinics - Internal Medicine Associates	41.7%	35.8%	60	Sample
Affiliated Community Medical Centers - Benson Clinic	41.5%	42.1%	94	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	41.5%	40.9%	135	Total Population
HealthPartners - West	41.4%	41.3%	140	Total Population
St. Mary's/Duluth Clinic - Ashland	41.4%	43.4%	324	Total Population
HealthPartners - Bloomington	41.0%	40.5%	161	Total Population
Allina Medical Clinic - Shakopee	41.0%	41.3%	161	Total Population
Park Nicollet Clinic - Creekside	40.9%	39.2%	66	Total Population
Park Nicollet Clinic - Plymouth	40.8%	40.2%	169	Total Population
Western Wisconsin Medical Associates - River Falls Medical Clinic	40.8%	39.5%	120	Sample
Allina Medical Clinic - Prescott	40.5%	38.9%	37	Total Population
HealthPartners - Specialty Center	40.3%	41.7%	1036	Total Population
Allina Health System - New Ulm Medical Center	40.3%	40.1%	414	Total Population
HealthPartners - RiverWay Elk River	40.3%	40.1%	72	Total Population
HealthPartners - White Bear Lake	40.2%	41.3%	122	Total Population
North Memorial Clinic - Camden Physicians Maple Grove	40.0%	38.9%	100	Total Population
Family HealthServices Minnesota - Woodbury Office	40.0%	39.7%	65	Total Population
Innovis Health - Lisbon	40.0%	39.7%	60	Sample
Mayo Clinic - Kasson	40.0%	38.5%	60	Sample
Immanuel St. Joseph - Springfield	40.0%	38.2%	60	Sample
+UMP MN Heart Burnsville Clinic	40.0%	38.6%	60	Sample
	40.0%	42.8%		Total Population
Family HealthServices Minnesota - Woodlane Family Practice Allina Medical Clinic - Annandale		41.1%	50	Total Population
Mankato Clinic - Daniel's Health Center	40.0%	39.9%	40	Total Population
		40.3%	40	Total Population
Park Nicollet Clinic - Burnsville	39.9% 39.9%	38.3%	293	Total Population
HealthEast - Cottage Grove		39.2%	203	
Family HealthServices Minnesota - Vadnais Heights Office	39.8%		108	Total Population
HealthPartners Central Minnesota Clinics - St. Cloud	39.8%	<b>39.6</b> % <b>39.8</b> %	244	Total Population
Allina Medical Clinic - Faribault	39.7%		340	Total Population
Family HealthServices Minnesota - Banning Avenue	39.6%	38.8%	134	Total Population
Fairview Lakeville Clinic	39.4%	36.5%	33	Total Population
SMDC Medical Center - DC Lakeside	39.3%	39.1%	107	Total Population
Fairview Northeast Clinic	39.2%	39.0%	143	Total Population
Allina Medical Clinic - Mora	39.0%	37.2%	210	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	38.9%	38.3%	36	Total Population
HealthPartners - Health Center for Women	38.8%	37.4%	49	Total Population
St. Cloud Medical Group - Clearwater Medical Clinic	38.8%	39.5%	80	Total Population
Winona Health - Winona Health Clinics	38.7%	39.2%	119	Sample
Park Nicollet Clinic - Bloomington	38.7%	37.7%	207	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Fairview North Branch Clinic	38.5%	39.0%	122	Total Population
Northwest Family Physicians - Plymouth	38.5%	38.1%	104	Total Population
St. Mary's/Duluth Clinic - Hibbing	38.4%	38.0%	203	Total Population
Aspen Medical Group - Bandana Square	38.3%	36.6%	60	Sample
+St. Paul Heart Clinic - Maplewood	38.3%	35.4%	60	Sample
Immanuel St. Joseph - St. Peter	38.3%	37.6%	60	Sample
Wabasha Clinic	38.3%	37.0%	60	Sample
Catalyst Medical Clinic	38.3%	38.1%	60	Sample
Fairview CedarRidge Clinic	38.1%	37.8%	155	Total Population
North Memorial Clinic - Camden Physicians Plymouth	37.9%	36.7%	232	Total Population
Parkway Family Physicians	37.8%	39.1%	37	Total Population
Hutchinson Medical Center	37.7%	36.8%	361	Total Population
MeritCare - New York Mills	37.6%	37.1%	85	Total Population
Fairview Chisago Lakes Clinic	37.6%	37.2%	133	Total Population
Park Nicollet Clinic - Brookdale	37.3%	38.1%	319	Total Population
Family Practice Medical Center of Willmar	37.1%	32.7%	167	Total Population
SMHS/DC-Superior	37.1%	37.3%	326	Total Population
Western Wisconsin Medical Associates - Hudson Physicians	36.7%	35.7%	60	Sample
Altru Health System - Lake Region	36.7%	35.4%	60	Sample
Mankato Clinic - Wickersham Campus	36.7%	36.2%	60	Sample
+CentraCare - Central Minnesota Heart Center	36.7%	32.1%	60	Sample
Cannon Valley Clinic	36.7%	37.8%	60	Sample
Immanuel St. Joseph - Mankato Specialty Clinic	36.7%	35.4%	60	Sample
SMDC Medical Center - DC First St Bldg	36.6%	37.7%	486	Total Population
Allina Medical Clinic - North Branch	36.6%	36.4%	41	Total Population
St. Mary's/Duluth Clinic - Spooner	36.4%	36.2%	151	Total Population
Northwest Family Physicians - Crystal	36.3%	34.4%	171	Total Population
Burnsville Family Physicians	36.3%	36.1%	91	Total Population
HealthEast - Woodbury	35.9%	35.2%	231	Total Population
Allina Health System - Abbott NW General Medicine Assoc Edin	35.8%	35.4%	436	Total Population
Fairview Zimmerman Clinic	35.7%	35.5%	84	Total Population
MeritCare - South Moorhead Internal Medicine	35.7%	38.1%	213	Total Population
HealthEast - Roselawn	35.6%	35.9%	73	Total Population
St. Mary's/Duluth Clinic - Aurora	35.5%	35.2%	121	Total Population
Quello Clinic - Burnsville	35.3%	37.0%	68	Total Population
HealthPartners - St. Paul	35.2%	35.8%	179	Total Population
CentraCare - Heartland	35.0%	33.9%	60	Sample
St. Cloud Medical Group - South	35.0%	32.0%	60	Sample
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	35.0%	33.9%	60	Sample
Franciscan Skemp- Holmen	35.0%	33.7%	60	Sample
+UMP MN Heart Wyoming Clinic	35.0%	34.5%	60	Sample
University of Minnesota Physicians - Primary Care Center	34.8%	34.5%	132	Total Population
Franciscan Skemp - LaCrescent	34.8%	32.8%	46	Total Population
SMDC Medical Center - DC Hermantown	34.7%	34.8%	193	Total Population
Western Wisconsin Medical Assoc Spring Valley Medical Clinic	34.6%	33.6%	52	Total Population
Immanuel St. Joseph - St. James	34.4%	34.3%	32	Total Population
Fairview Bass Lake Clinic	34.3%	31.4%	35	Total Population
Franciscan Skemp - Caledonia	34.3%	32.9%	35	Total Population
Mayo Clinic - Northwest	34.0%	33.6%	50	Total Population
Lakeview Clinic - Norwood	33.9%	34.7%	56	Total Population
	•			

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
University of Minnesota Physicians - Phalen Clinic	33.9%	33.0%	62	Total Population
Park Nicollet Clinic - Prior Lake	33.9%	31.9%	62	Total Population
Fairview Lino Lakes Clinic	33.8%	32.7%	74	Total Population
Bloomington Lake Clinic - Xerxes	33.8%	33.8%	160	Total Population
Bloomington Lake Clinic - Minneapolis	33.3%	35.1%	93	Total Population
Fairview Red Wing Zumbrota Clinic	33.3%	32.4%	66	Total Population
+UMP MN Heart University Clinic	33.3%	32.4%	60	Sample
St. Cloud Medical Group - Northwest	33.3%	31.6%	60	Sample
Lakeview Clinic - Waconia	33.3%	32.6%	60	Sample
Fairmont Medical Center	33.3%	30.5%	60	Sample
Owatonna Clinic	33.3%	33.0%	60	Sample
+UMP MN Heart Edina Clinic	33.3%	33.2%	60	Sample
+UMP MN Heart Princeton Clinic	33.3%	33.4%	60	Sample
Lakeview Clinic - Watertown	33.3%	33.4%	54	Total Population
Steven Saliterman, MD	33.3%	31.6%	48	Total Population
Mankato Clinic - Mapleton	33.3%	33.8%	36	Total Population
Immanuel St. Joseph - Madelia	33.3%	37.2%	33	Total Population
MeritCare - Bemidji Internal Medicine	32.8%	32.7%	454	Total Population
St. Mary's/Duluth Clinic - Virginia	32.8%	32.1%	284	Total Population
MeritCare - Mayville	32.7%	32.2%	98	Total Population
Red Cedar Medical Center	32.3%	29.1%	99	Sample
North Memorial Clinic - Brooklyn Center Physicians	32.3%	32.0%	96	Total Population
Fairview Red Wing Medical Center	32.0%	32.0%	478	Total Population
Fairview Elk River Clinic	32.0%	32.2%	125	Total Population
Sawtooth Mountain Clinic, Inc	31.9%	31.5%	72	Sample
Rainy Lake Medical Center	31.9%	32.0%	163	Total Population
MeritCare - North Fargo	31.9%	38.5%	116	Total Population
Fairview Uptown Clinic	31.7%	31.2%	41	Total Population
Fairview Milaca Clinic	31.7%	31.5%	60	Total Population
Lakeview Clinic - Chaska	31.7%	29.4%	60	Sample
Austin Medical Center	31.7%	33.4%	60	Sample
Luther Midelfort - Chippewa Valley	31.7%	30.5%	60	Sample
Franciscan Skemp- Onalaska	31.7%	31.0%	60	Sample
Franciscan Skemp- Prairie du Chien	31.7%	31.4%	60	Sample
Innovis Health - South University	31.6%	31.8%	152	Sample
Fairview Rush City Clinic	31.6%	31.5%		Total Population
United Hospital District Clinic	31.6%	31.3%	114 76	Total Population
•		31.8%		Total Population
Northstar Physicians - Iron Range Clinic FamilyHealth Medical Clinic - Northfield	31.6% 31.6%	31.2%	38	Total Population
	31.4%	32.2%	38	Total Population
Family HealthServices Minnesota - Maryland Clinic	31.3%	36.3%	102	
HealthPartners - Midway North Memorial Clinic - Plymouth Internal Medicine		30.5%	96	Total Population Total Population
•	31.0%		342	
SMDC Medical Center - DC West	31.0%	30.9% 30.4%	226	Total Population Total Population
Fairview Princeton Clinic	30.7%	30.5%	238	
Altru Health System - Family Medicine Center	30.7%	30.8%	62	Sample
Immanuel St. Joseph - Mankato Eastridge	30.7%		62	Sample Total Population
MeritCare - Southpointe Internal Medicine	30.6%	32.3%	516	Total Population
MeritCare - West Fargo	30.5%	29.5%	269	Total Population
St. Mary's/Duluth Clinic - Deer River North Memorial Clinic - Minnetonka Physicians	<b>30.2%</b> <b>30.1%</b>	30.7% 30.1%	139 156	Total Population Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	Ν	Total Population Or Sample
Allina Health System - Metropolitan Heart & Vascular Institute	30.1%	30.0%	3350	Total Population
Park Nicollet Clinic - Minneapolis	30.0%	30.1%	120	Total Population
Affiliated Community Medical Centers - New London Clinic	30.0%	26.9%	80	Total Population
Altru Health System - Main	30.0%	30.3%	60	Sample
Albert Lea Medical Center	30.0%	28.8%	60	Sample
HealthPartners - Center for International Health	30.0%	30.8%	50	Total Population
Olmsted Medical Center - Stewartville Clinic	30.0%	27.9%	30	Total Population
Mankato Clinic - Main Street	29.9%	29.8%	234	Sample
Fairview Lakes Medical Center	29.8%	29.7%	447	Total Population
Innovis Health - Jamestown	29.7%	27.1%	37	Sample
North Memorial Clinic - Brooklyn Park Physicians	29.7%	29.4%	192	Total Population
Stillwater Medical Group - Somerset Clinic	29.6%	31.8%	44	Total Population
MeritCare - Black Duck	29.3%	30.7%	58	Total Population
Olmsted Medical Center - Rochester Southeast	29.2%	29.0%	281	Total Population
Murray County Clinic	29.0%	28.4%	31	Total Population
MeritCare - Southpointe Family Medicine	28.9%	29.6%	415	Total Population
Innovis Health - Wahpeton	28.9%	28.5%	83	Total Population
MeritCare - Bemidji North	28.6%	29.8%	84	Total Population
Grand Itasca Clinic	28.6%	30.8%	77	Sample
MeritCare - Perham	28.5%	28.2%	249	Total Population
Ridgeview Westonka Clinic	28.5%	27.6%	158	Total Population
Luther Midelfort - Northland	28.3%	26.1%	60	Sample
Franciscan Skemp - LaCrosse	28.3%	29.4%	60	Sample
Franciscan Skemp- Lake Tomah	28.3%	29.2%	60	Sample
Fairview Andover Clinic	28.2%	28.3%	85	Sample
Franciscan Skemp - Arcadia	28.2%	28.7%	39	Total Population
St. Mary's/Duluth Clinic - Ely	28.2%	28.8%	181	Total Population
Stillwater Medical Group - Curve Crest Clinic	28.1%	27.6%	523	Total Population
Innovis Health - West Acres	28.0%	31.8%	50	Sample
HealthEast - Oakdale	27.9%	28.4%	140	Total Population
Family Medicine of Winona	27.8%	24.4%	36	Total Population
Multicare Associates - Blaine Medical Center	27.4%	27.3%	266	Total Population
MeritCare - Broadway Internal Medicine	27.3%	26.9%	443	Total Population
Olmsted Medical Center - Spring Valley Clinic	27.3%	26.1%	55	Total Population
Mankato Clinic - Lake Crystal	27.3%	31.1%	33	Total Population
Ridgeview Delano Clinic	27.1%	27.2%	59	Total Population
Innovis Health - Park Rapids	26.7%	25.8%	120	Sample
St. Luke's Clinics - P.S. Rudie Medical Clinic	26.7%	22.4%	60	Sample
St. Luke's Clinics - Duluth Internal Medicine Associates	26.7%	27.9%	60	Sample
MeritCare - East Grand Forks	26.4%	27.0%	182	Total Population
Northside Medical Clinic	26.1%	24.7%	92	Total Population
Multicare Associates - Roseville Medical Center	25.9%	26.1%	58	Total Population
Fairview Brooklyn Park Clinic	25.8%	26.9%	62	Sample
Innovis Health - West Fargo	25.6%	23.7%	39	Total Population
Silver Lake Clinic - St. Anthony	25.5%	25.9%	47	Total Population
North Memorial Clinic - Golden Valley Physicians	25.5%	25.9%	204	Total Population
HealthEast - Rice Street	25.4%	26.2%	114	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	25.4%	26.6%	122	Total Population
Allina Health System - Minneapolis Heart Institute	25.1%	25.0%	3710	Total Population
Fairview Mesaba Clinic - Hibbing	25.0%	25.2%	120	Sample

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
Fairview Blaine Clinic	25.0%	26.2%	84	Sample
North Memorial Clinic - Elk River Physicians	25.0%	25.8%	68	Total Population
MeritCare - Preventive Cardiology	25.0%	30.7%	60	Total Population
Aspen Medical Group - Inver Grove Heights	25.0%	24.1%	60	Sample
St. Joseph's Medical Center - Pequot Lakes Clinic	25.0%	27.9%	36	Total Population
+Park Nicollet Clinic - Heart and Vascular	24.9%	24.5%	273	Total Population
MeritCare - Wahpeton	24.7%	23.4%	243	Total Population
North Clinic - Maple Grove Office	24.6%	25.1%	65	Sample
Hendricks Clinic P.A.	24.6%	25.0%	65	Sample
North Memorial Clinic - Camden Physicians - Mpls	24.6%	24.8%	118	Total Population
Multicare Associates - Fridley Medical Center	24.5%	24.0%	413	Total Population
Altru Health System - Cavalier	24.3%	26.4%	37	Total Population
Ridgeview Chanhassen Clinic	24.2%	26.6%	62	Total Population
MeritCare - Valley City	23.9%	27.2%	201	Total Population
SuperiorHealth Center - Proctor	23.7%	24.2%	59	Total Population
MeritCare - South Moorhead Family Medicine	23.7%	20.8%	194	Total Population
Fairview Jonathan Clinic	23.6%	23.7%	55	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	23.5%	24.1%	85	Total Population
Aspen Medical Group - White Bear Lake	23.5%	25.6%	34	Total Population
Avera Worthington Specialty Clinic	23.4%	22.5%	77	Sample
Luther Midelfort - Oakridge	23.3%	23.7%	60	Sample
Fairview Columbia Heights Clinic	23.2%	24.0%	151	Sample
Aspen Medical Group - Bloomington	23.1%	24.2%	52	Total Population
Northstar Physicians - Family Medical Center	22.6%	22.2%	62	Sample
Buffalo Clinic - Buffalo	22.6%	22.7%	133	Sample
Alexandria Clinic	22.5%	22.2%	120	Sample
Northstar Physicians - Raiter Clinic	22.5%	19.7%	40	Total Population
Brainerd Medical Clinic	22.3%	22.7%	121	Sample
Gateway Family Health Clinic - Sandstone	22.2%	21.5%	63	Sample
MeritCare - Pelican Rapids	22.2%	20.5%	45	Total Population
Innovis Health - Valley City	22.2%	24.7%	36	Sample
Innovis Health - Menahga	22.2%	23.4%	36	Total Population
Hartberg Medical Clinic	21.9%	21.2%	32	Total Population
MeritCare - Jamestown	21.8%	18.5%	308	Total Population
+St. Luke's Clinics - Cardiology Associates - Lakeview Building	21.7%	23.5%	60	Sample
Buffalo Clinic - Monticello	21.7%	23.0%	60	Sample
Gateway Family Health Clinic - Moose Lake	21.7%	19.6%	60	Sample
Silver Lake Clinic - Shoreview	21.6%	22.8%	51	Total Population
United Family Medicine	21.4%	21.0%	70	Sample
MeritCare - Bemidji Family Medicine	21.3%	24.1%	253	Total Population
Burnett Medical Center	21.3%	22.1%	61	Total Population
MeritCare - Detroit Lakes	21.2%	23.8%	344	Total Population
Lakeview Medical Clinic	20.8%	20.9%	48	Total Population
MeritCare - Thief River Falls Northwest Clinic	20.8%	20.7%	303	Total Population
Lake Superior Community Health Center - Duluth	20.6%	23.9%	34	Total Population
Fairview Fridley Clinic	20.6%	21.0%	141	Sample
MeritCare - Mahnomen	20.5%	24.3%	39	Total Population
St. Mary's/Duluth Clinic - DC Main	20.0%	20.4%	380	Total Population
North Clinic - Oakdale Office in Robbinsdale	20.0%	18.1%	125	Sample
Edina Family Physicians	20.0%	20.4%	80	Sample

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
McGregor Clinic	20.0%	19.8%	50	Total Population
St. Joseph's Medical Center - Pillager Clinic	20.0%	21.4%	35	Total Population
Sanford Clinic Tracy/Balaton/Walnut Grove	19.7%	21.3%	66	Sample
Northstar Physicians - Central Lakes Med. Clinic-Internal Medicine	19.5%	16.8%	41	Total Population
North Memorial Clinic - Northeast Family Physicians	19.4%	21.4%	72	Total Population
Altru Health System - Roseau	19.4%	21.6%	62	Sample
Lake View Clinic - Two Harbors	18.9%	18.5%	37	Total Population
Dawson Clinic	18.6%	20.1%	43	Total Population
Albany Medical Center	18.5%	19.0%	54	Total Population
West Side Community Health Services - La Clinica	18.4%	21.9%	49	Total Population
St. Joseph's Medical Center - Pine River Clinic	18.4%	16.6%	49	Total Population
Glencoe Regional Health Services	18.3%	18.2%	120	Sample
Innovis Health - Fosston	18.2%	18.5%	55	Sample
MeritCare - Cass Lake	17.9%	21.4%	39	Total Population
Glenwood Medical Center	17.8%	17.8%	118	Total Population
Edina Sports Health & Wellness	17.8%	18.9%	45	Total Population
Henning Medical Clinic	17.7%	20.3%	34	Total Population
University of Minnesota Physicians - Broadway Family Medicine	17.4%	12.8%	213	Total Population
Hennepin Faculty Associates - HFA Internal Medicine Clinic	17.0%	17.6%	165	Total Population
North Clinic - Osseo Office	16.9%	17.2%	142	Sample
Attending Physicians	16.7%	16.8%	66	Sample
University of Minnesota Physicians - Bethesda Clinic	16.7%	15.0%	60	Total Population
Altru Health System - Crookston	16.7%	16.7%	60	Sample
Consultants Internal Medicine	16.7%	17.8%	60	Sample
St. Luke's Clinics - Chequamegon Clinic	16.7%	17.7%	60	Sample
Tyler Medical Clinic	16.7%	17.4%	48	Total Population
Northstar Physicians - Central Lakes Medical Clinic	16.4%	16.0%	61	Sample
Riverwood Aitkin Clinic	16.3%	15.6%	80	Sample
+Hennepin Faculty Associates - HCMC Hennepin Heart Center	15.9%	12.1%	113	Total Population
Stevens Community Medical Center	15.9%	16.7%	107	Total Population
St. Mary's Innovis Health Clinic - Frazee	15.7%	17.7%	51	Total Population
MeritCare - Hillsboro	15.4%	15.7%	91	Total Population
Paynesville Medical Clinic	15.2%	15.5%	105	Total Population
Scenic Rivers Health Services - Bigfork	15.2%	15.5%	46	Total Population
Paynesville Eden Valley Medical Clinic	15.2%	17.6%	33	Total Population
Sanford Clinic - Luverne	15.0%	14.7%	60	Sample
St. Luke's Clinics - Mariner Medical Clinic	14.3%	12.0%	35	Total Population
MeritCare - Hawley	14.0%	17.5%	50	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	13.9%	15.5%	65	Total Population
ELEAH Medical Center - Morris Prairie Medical	13.8%	13.6%	58	Total Population
St. Luke's Clinics - Hibbing Family Medical Clinic	13.6%	14.1%	66	Total Population
Olmsted Medical Center - Byron Clinic	13.3%	18.6%	30	Total Population
Sanford Clinic Canby	13.3%	16.6%	30	Total Population
Hennepin Faculty Associates - HCMC Family Medical Center	13.0%	9.2%	54	Total Population
Sanford Clinic - Worthington	12.9%	13.4%	62	Sample
LakeWood Health Center Clinic	12.5%	11.3%	80	Total Population
Sleepy Eye Medical Center	12.5%	12.9%	56	Total Population
Franciscan Skemp - Sparta	12.5%	14.9%	48	Total Population
Avera - Pipestone County Medical Center	12.5%	14.2%	48	Total Population
Aspen Medical Group - East Lake Street	12.5%	12.1%	40	Total Population

Clinic Name	Optimal Rate	Optimal Risk- Adjusted Rate	N	Total Population Or Sample
RiverView Clinic North	12.5%	7.9%	32	Total Population
Northstar Physicians - Family Medical Clinic-Internal Medicine	12.5%	12.4%	32	Total Population
MeritCare - Walker	12.3%	10.7%	122	Total Population
Fairview Mesaba Clinic - Mountain Iron	11.8%	12.0%	51	Total Population
Hennepin Faculty Associates - HCMC Medicine Clinic	11.7%	6.8%	477	Total Population
Mille Lacs Health System - Onamia	11.7%	12.1%	60	Sample
Sibley Medical Center	11.7%	11.6%	60	Sample
Mid Minnesota Family Medicine Center	11.5%	11.1%	52	Total Population
Wadena Medical Center	11.3%	13.3%	80	Sample
Buffalo Clinic - St. Michael Clinic in Albertville	11.1%	11.2%	99	Sample
Broadway Medical Center - Alexandria	10.3%	10.0%	195	Sample
Sanford Clinic Westbrook	10.3%	10.9%	39	Total Population
Paynesville Richmond Medical Clinic	10.0%	10.8%	70	Total Population
NorthPoint Health & Wellness Center	10.0%	20.1%	60	Sample
Graceville Health Center Clinic	9.7%	17.9%	31	Total Population
Native American Community Clinic	9.6%	9.5%	52	Total Population
Range Medical Services, Ltd.	9.4%	10.1%	53	Total Population
Northstar Physicians - Duluth Family Practice Center	9.2%	11.7%	65	Sample
Fremont Community Health Services - Fremont Clinic	8.8%	13.7%	34	Total Population
Broadway Medical Center - Parkers Prairie	8.3%	9.1%	60	Sample
Altru Health System - Grand Forks Family Medicine Residency	8.2%	8.4%	61	Sample
Southern Metro Medical Clinics - New Prague Medical Clinic	7.8%	10.2%	51	Total Population
Clearwater Health Services Clinic	7.7%	7.6%	39	Total Population
Queen of Peace Hospital - Outpatient Clinic	7.5%	9.4%	93	Total Population
Valley Family Practice	7.0%	8.3%	57	Total Population
Mille Lacs Health System - Isle	6.7%	8.5%	60	Sample
Life Medical	6.7%	8.7%	60	Sample
Southern Metro Medical Clinics - Belle Plaine Clinic	6.7%	8.2%	30	Total Population
Community-University Health Care Center	6.5%	9.5%	46	Total Population
Sanford Clinic Jackson	6.5%	7.9%	31	Total Population
ELEAH Medical Center - Elbow Lake	6.3%	5.0%	32	Total Population
Scenic Rivers Health Services - Cook	2.1%	2.6%	47	Total Population
Open Cities Health Center - Dunlap	1.7%	0.3%	60	Sample

# **Appendix 1: Data Sources and Data Collection**

### Care That is Proven to Work

Data for this set of measures is collected at two levels: Clinic and Medical Group level. Clinics are single sites where patients receive their care. Medical groups usually consist of multiple clinic sites. Often, the medical group provides centralized administrative functions for many clinic sites.

#### Clinic Level

The data source of clinic level results is the clinic. All data elements are specified by MNCM and are described in our 2010 Direct Data Submission Guides (2009 dates of service). These guides provides detailed steps and instructions to ensure that the submitted data meets rigorous standards.

Medical groups/clinics that submit data for individual clinics must first register through the MNCM Data Portal. Once registered, they have the option of reporting on a clinic's total patient population or may submit data for a representative sample of the clinic's entire patient population. Detailed instructions for sampling are also provided in the Direct Data Submission (DDS) Guide. Medical groups/clinics that elect to submit through DDS must submit data for all clinics within the medical group.

Data is collected from medical records by clinic abstractors either extracting the data from an electronic medical record through a data query or by abstracting the data from a paper-based medical record. Medical groups complete numerous quality checks of the data before it is submitted to MNCM. All appropriate HIPAA requirements are followed.

The required data elements are submitted directly through the portal by medical groups on behalf of individual clinics within their group. This is referred to as the MNCM Direct Data Submission (DDS) process. Once data is submitted, an extensive validation process is followed which includes quality checks of the files and on-site audits. For the on-site audits, MNCM uses the National Committee for Quality Assurance's (NCQA) "8 and 30" File Sampling Procedure, developed in 1996 in consultation with Johns Hopkins University. For a detailed description of this procedure, see <u>www.ncqa.org</u>. Audits of the submitted data are conducted by contracted auditors who are independent of medical groups and/or clinics. Validation is a very important step in this process to build trust that the data that will be used to calculate publicly reported performance rates are reliable, complete and consistent.

## **Appendix 1: Data Sources and Data Collection**

### Care That is Proven to Work

#### Medical Group Level

The data source of medical group level results is the health plan administrative claims database which is supplemented by medical record review for some measures. Most data elements are specified by the Healthcare Effectiveness Data and Information Set (HEDIS) 2010 Technical Specifications (2009 dates of service). HEDIS is produced and maintained by the National Committee for Quality Assurance (NCQA). The technical specifications provide detailed steps and instructions to ensure that the submitted data meets rigorous standards. Some data elements are specified by MNCM and provided to the health plans.

The data elements are collected by the health plans using data collection and reporting standards that follow the annual HEDIS calendar. In addition, each health plan follows an extensive validation process to ensure quality measures following the standards described in *Volume 5, HEDIS Compliance Audit®: Standards, Policies and Procedures.* All health plan data are audited by an NCQA-certified HEDIS auditor.

MNCM develops a Data Structure document with detailed steps and instructions to ensure that the submitted data meets rigorous standards. In 2010, ten data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Itasca Medical Care, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), UCare – submitted data to MNCM for purposes of public reporting. The submitted health plan data reflects patients/members enrolled in the following products: commercial HMO/POS/PPO, Medicare Cost, Medicare Risk, and Minnesota Health Care Programs (Prepaid Medical Assistance including dual eligibles, MinnesotaCare, General Assistance Medical Care). These data do not include patients who are uninsured, patients who self pay, or patients who are served by Medicaid/Medicare fee-for-service.

All data files are submitted to MNCM for aggregation and validation. These processes are performed by an independent vendor under contract with MNCM. Files are carefully reviewed to ensure conformance with the data structure and to identify unusual or unanticipated patterns. The files are also checked for proper formatting, missing and invalid values, and to confirm accurate record counts. Preliminary health plan rates are calculated and returned to each health plan for additional validation.

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

## **Appendix 1: Data Sources and Data Collection**

### Care That Protects Patients from Medical Errors and Does Not Cause Harm

### **Hospital**

#### Agency for Healthcare Research and Quality (AHRQ) Hospital Measures

The hospital rates for AHRQ measures are calculated by the Minnesota Hospital Association (MHA), using the UB-92 Administrative Database. Minnesota hospitals send all-payer, discharge-level information to the MHA at varying intervals, but at least quarterly. The MHA performs data checks before the data is accepted for inclusion in the measure calculations. All patients using non-Federal, nonrehabilitation, community hospitals in Minnesota are included in the data. The data contains numerous clinical and nonclinical data variables including age, sex, race, ethnicity, length of stay, discharge status, source of payment, total charges, diagnoses, and procedures, as well as certain hospital demographic information.

For the Inpatient Quality indicators, the discharge data is used specifically to track volume of admissions for specific procedures that were performed, and mortality indicators for certain procedures. For the Patient Safety Indicators, the measures indicate potential inpatient complications and patient safety concerns following surgeries, other procedures, and childbirth. The numerator includes only cases where a secondary diagnosis code flags a potentially preventable complication.

The AHRQ data is provided to Minnesota Community Measurement by the Minnesota Hospital Association.

#### **Centers for Medicare and Medicaid Services (CMS) Hospital Compare Measures**

The Hospital Compare rates are based on each hospital's discharge data, including administrative data and medical record information that tie to each individual measure. The data is retrospective and includes the principal diagnosis and other ICD-9-CM diagnosis and procedures codes, as well as patient demographic information including age, sex and race. Hospitals provide the required data for each measure to the Quality Improvement Organization (QIO) Clinical Data Warehouse. In Minnesota, the QIO is Stratis Health. Hospitals use a CMS abstraction tool to send abstracted data to the QIO Data Warehouse through QualityNet (a HIPAA-compliant, secure data transmission vehicle), or they hire a vendor to submit the data on their behalf. Data submissions include auditing processes which check to ensure the data is consistent with the required specifications for samples sizes, outliers, and missing data. The QIO stores this data and provides four quarters of data (updated quarterly) for reporting and quality improvement efforts.

The Hospital Compare measure data is provided to Minnesota Community Measurement by the Minnesota Hospital Association.

### Care That is Proven to Work

### **Clinic Level**

#### **Measures Reported**

Four measures are reported at the clinic level– Optimal Diabetes Care, Optimal Vascular Care, Depression Care-Remission at Six Months, and Depression Care-Remission at Twelve Months. Two of these measures – Optimal Diabetes Care and Optimal Vascular Care – are all-or-none composite measures. Each year, these measure specifications are reviewed against current evidence-based guidelines and input is sought from community experts.

#### **Eligible Population Specifications**

The eligible populations for these measures are identified by a medical group on behalf of their individual clinics. Standard definitions for the eligible population for each measure include elements such as age, appropriate diagnosis codes, number of visits needed in the measurement timeframe. Each element is detailed in the 2010 DDS Guide.

#### **Patient Attribution to Clinics**

In order to submit data at the clinic level, 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.

#### **Sampling from Total Population**

Medical groups may submit data on their full population or a sample of at least 60 patients per clinic, but they are strongly encouraged to submit their total population of patients. For medical groups that chose to submit a sample, the 2010 DDS Guide describes accepted methods to select a systematic sample. This step is reviewed by MNCM as part of the denominator certification process.

#### **Numerator Specifications**

For clinic level measures, the numerator is the number of patients identified from either the eligible population or the sample who meet the numerator targets. These targets are specified by MNCM in the DDS Guide and compliance with these specifications is audited.

#### **Calculating Rates**

Clinic level rates are calculated as 100 times the number who meet the numerator specifications divided by the number in the denominator for the measure. Rates from measures using the total eligible population are straightforward calculations whereby the total eligible population serves as the denominator. For clinics that elected to sample their populations, the rates calculated for the measures require weighting to account for the total eligible population. Due to the dynamic nature of clinic patient populations, rates and 95 percent confidence intervals are calculated for each measure for each clinic regardless of whether clinics report on a full population or a sample. Clinic level rates are reported as percentages. Clinic level rates are first calculated for each clinic and then an overall clinic rate average is calculated. The clinic average rate is used when comparing a single clinic to the performance of all clinics.

#### **Calculating Confidence Intervals**

Confidence Intervals are qualified by a 95 percent confidence level. For each measure and for each clinic, 95-percentasymmetrical confidence intervals were calculated. Asymmetrical confidence intervals were used to avoid confidence interval lower-bound values less than zero and upper bound values greater than one hundred. The calculations are based on a method that is referenced in the NIST/SEMATECH e-Handbook of Statistical Methods: <u>www.itl.nist.gov/ div898/handbook/prc/section2/prc241.htm</u>

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### Care That is Proven to Work

#### Limitations

While every clinic within a medical group must submit data, a clinic rate will not be publicly reported if a minimum threshold of 30 patients per clinic is not met.

#### Data Analyses: Clinic Level Perfromance Over Time (2008-2010)

This analysis was done to determine patterns of clinic level performance over time for Optimal Diabetes Care and Optimal Vascular Care measures. Patterns were reviewed for the three reporting years (2008, 2009 and 2010). The Optimal Diabetes Care measure changed the A1c level from <7.0 to <8.0 this year to coincide with guidelines. MNCM was able to recast the data from Report Year 2009 and 2008 to relfect this change to A1c <8.0 and allow for trending to be shown for report years 2008, 2009, 2010. See "Clinic Level Performance over Time (2008-2010)" in the Results by Measure section.

Patterns in rate changes over the three reporting years (2008, 2009, and 2010) were reviewed. Only clinics with rates for each of the three reporting periods per measure were included in the analysis. The percent and number of clinics were reported for each of the following patterns of rate changes over the past three years for each measure:

- Consistently high performance and above average rates: Clinics with above average rates and confidence intervals for each year.
- Consistently improved: Clinics with more than a two percentage point increase between each consecutive year.
- Consistently decreased: Clinics with more than a two percentage point decrease between each consecutive year.
- Relatively stable: Clinics that had no more than a two percentage point increase or decrease between each consecutive year (-2% +2%).
- Variable performance: Clinics with an up/down pattern that was not consistent and did not fall into one of the other categories.

### Care That is Proven to Work

### Medical Group Level

#### **Measures Reported**

Two types of measures are reported at the medical group level – measures that use administrative claims data only method and measures that use a hybrid method (administrative claims <u>and</u> chart review). The following measures use the administrative method:

- Appropriate Testing for Children with Pharyngitis
- Appropriate Treatment for Children with Upper Respiratory Infection
- Breast Cancer Screening
- Cervical Cancer Screening
- Chlamydia Screening
- Use of Appropriate Medications for People with Asthma
- Avoidance of Antibiotic Treatment of Adults with Bronchitis
- Use of Spirometry Testing in the Assessment and Diagnosis of COPD

The following measures used the hybrid method:

- Cancer Screening Combined
- Childhood Immunization Status (Combo 3)
- Controlling High Blood Pressure
- Colorectal Cancer Screening

Each year, these measure specifications are reviewed against current evidence-based guidelines and input is sought from community experts. Measurement specifications for medical group level results were calculated using NCQA's 2010 HEDIS Technical Specifications along with MNCM-specific numerator specifications for some measures.

#### **Eligible Population Specifications**

The eligible populations for the administrative and hybrid measures are identified by each participating health plan utilizing its respective administrative databases. NCQA's 2010 HEDIS Technical Specifications provide the standard definitions for the eligible population for each measure, which include data elements such as age, continuous enrollment, and anchor date requirements. Rates for measures using the administrative method are wholly derived from health plan claims data, while rates for measures using the hybrid method are derived from a combination of health plan claims data and medical record review data. For administrative measures, the entire eligible population is the denominator. For hybrid measures, the eligible population serves as the sampling frame from which to draw the denominator.

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### Care That is Proven to Work

#### **Patient Attribution to Medical Groups**

Health plans assign patients to a medical group using a frequency-based attribution logic and a standard medical group definition using Tax Identification Numbers. Administrative billing codes identify the frequency of patient visits to medical groups. For most measures, patients are assigned to the medical group they visited most frequently during the measurement year. Patients who visit two or more medical groups with the same frequency are attributed to the medical group visited most recently. For three measures – Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with Upper Respiratory Infection and Avoidance of Antibiotic Treatment of Adults with Bronchitis – patients are assigned to the clinic they visited for the specific service.

#### Sampling for Hybrid Measures

As noted previously, the hybrid method requires each participating health plan to first identify the eligible population meeting measurement specifications using its administrative databases. This population of eligibles serves 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 necessitates a random sample of the eligible population. Medical record review is conducted for all enrollees drawn for the sample.

MNCM uses a two-stage, random sampling process. This strategy has been 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 starts with the health plans providing a data file containing a record for each eligible patient for each hybrid measure. This file also identifies eligible patients that have also been selected for the annual HEDIS sample. Additional patients are then selected from the remaining eligible population to meet MNCM minimum reporting requirements.

#### **Numerator Specifications**

For administrative measures, the numerator is the number of patients from the eligible population who meet numerator targets. For hybrid measures, the numerator is the number of patients from the sample who meet numerator targets.

#### Weighting

Because data for hybrid measures are taken from a sample, results are weighted to obtain accurate rates. This allows for aggregation and unbiased reporting by medical group. Weighting is a cost-saving measure that enables MNCM to draw a sample on which to estimate medical group and statewide rates. Weighting is applied to efficiently utilize health plan resources for data collection on a randomly sampled population.

Weights are calculated for each sampling stratum (i.e. health plan/health plan product/medical group). A weight is equal to the total eligible population for that stratum divided by the total sample size. In calculating rates for a population – medical group or statewide – the denominator is the sum of the weights for all patients in that population, and the numerator is the sum of the weights for patients in the population who meet the numerator targets.

#### **Calculating Rates**

Rates are expressed as percentages. They are calculated as 100 times the number who meet the numerator targets divided by the number who are eligible for the measure. Rates calculated for measures using the administrative method are straightforward. However, rates calculated for measures using the hybrid method require weighting because of the sampling procedures. Rates are calculated for each measure for each medical group.

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### Care That is Proven to Work

#### **Calculating Confidence Intervals**

Confidence Intervals are qualified by a 95 percent confidence level. 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 one hundred. The calculations are based on a method that is referenced in the NIST/SEMATECH e-Handbook of Statistical Methods: www.itl.nist.gov/div898/handbook/prc/section2/prc241.htm

#### Rates

Rates are calculated at both a statewide level and at a medical group level. Statewide rates include those patients attributed to a medical group AND those who could not be attributed to a medical group (i.e., all patients regardless of medical group affiliation). Medical group average rates include ONLY those patients who are attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients who access care more frequently.

#### Limitations

The medical groups identified in this report do not represent all medical groups in Minnesota. MNCM has established minimum thresholds for public reporting. Only medical groups that meet these thresholds are reported. For the hybrid measures, a minimum threshold of 60 patients per medical group is required. For the administrative measures, a minimum threshold of 30 patients per medical group is required. It should also be noted that medical groups reported for some measures may not be reported for all measures.

Also, data used to calculate rates for these measures reflect patients insured through ten health plans. Medical groups with patients who are insured through other health plans, who are uninsured, who self pay, or who are served by a fee-for-service program are not reflected in these results. Therefore, the data for these measures don't necessarily represent 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 factors.

#### Data Analyses: Clinic Level Perfromance Over Time (2008-2010)

This analysis was done to determine patterns of medical group performance over time per measure. Patterns were reviewed for the three reporting years (2008, 2009 and 2010). The Optimal Diabetes Care measure changed the A1c level from <7.0 to <8.0 this year to coincide with guidelines. MNCM was able to recast the data from Report Year 2009 and 2008 to relfect this change to A1c <8.0 and allow for trending to be shown for report years 2008, 2009, 2010. See "Medical Group Performance over Time (2008-2010)" in the Results by Measure section.

Patterns in rate changes over the three reporting years (2008, 2009, and 2010) were reviewed. Only medical groups with rates for each of the three reporting periods per measure were 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:

- Consistently high performance and above average rates: Groups with above average rates and confidence intervals for each year.
- Consistently improved: Groups with more than a two percentage point increase between each consecutive year.
- Consistently decreased: Groups with more than a two percentage point decrease between each consecutive year.
- Relatively stable: Groups that had no more than a two percentage point increase or decrease between each consecutive year (-2% +2%).
- Variable performance: Groups with an up/down pattern that was not consistent and did not fall into one of the other categories. 21

### Care That is Proven to Work Care That Protects Patients from Medical Errors and Does Not Cause Harm

#### **Health Information Technology Measures**

MN Community Measurement developed the HIT survey using input from a multi-stakeholder workgroup. One goal of survey development was to assess HIT adoption and use in Minnesota in a format that could be used by multiple organizations. Another goal of the HIT survey was to assess not only the adoption and installation of electronic health records and other technologies, but also to assess the use and application of these technologies and how they might impact patient care. The workgroup also incorporated information from the federal government's meaningful use criteria into survey questions to increase alignment with other HIT initiatives. The survey was created as an on-line instrument and sent via e-mail to all clinics registered with Minnesota Community Measurement on February 15, 2010. A catch-up survey was re-sent to all non-respondents and new registrants in June of 2010. In total, 1,382 clinic sites received the survey in Minnesota and boarder areas. Out of these, 1,198 were completed for a final response rate of 87 percent.

#### **Hospital Measures**

#### Agency for Healthcare Research and Quality (AHRQ) Measures

Software provided by the Agency for Healthcare Research and Quality (SAS version 4.0) is used by the Minnesota Hospital Association to calculate the Inpatient Quality Indicators (IQIs) and the Patient Safety Indicators (PSIs). Administrative discharge data received from Minnesota hospitals is aggregated by the zip code of residence. The AHRQ QI Software calculates observed rates for each hospital using this discharge data. The PSI observed rates are the number of adverse events or complications tied to a procedure divided by the number of admissions for that procedure. The IQI volume rates are simple counts of admissions for procedures that were performed. The IQI mortality rates are the number of deaths divided by the number of admissions for the procedure or condition.

The IQI and PSI observed rates are risk adjusted for age, gender, severity, and comorbidity using statistical methodologies specific to each measure. A regression-based standardization is used for risk adjustment and is included in the AHRQ QI Software. Confidence intervals are calculated for the risk-adjusted rates at a 95% confidence level. The expected rate is the rate the hospital would have if it performed the same as the national average, but takes into account the hospital's actual case-mix (e.g., age, gender, modified DRG and comorbidities). An individual hospital's observed rate can be compared against this expected rate to determine potential performance issues. If the observed rate is higher than the expected rate, this may imply that the hospital performed worse than the national average. Conversely, if the observed rate is lower than the expected rate, this hospital likely performed better than the national average.

#### Hospital Compare Measures (Centers for Medicare and Medicaid Services)

Each process of care rate is calculated by simply dividing the numerator by the denominator for each measure. The denominator is the sum of all eligible cases – as defined in each measure specification. The numerator is the sum of all eligible cases where the recommended care was provided. The statewide averages for each measure are calculated using all of the data submitted to the Minnesota QIO Warehouse for hospitals with at least one case in the measure's denominator.



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