

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, www.mnhealthscores.org.
- 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.

Barry Bershaw, MD Board Chair

Jim Chase, President



MN Community Measurement 2010 Health Care Quality Report

(2009 Dates of Service)

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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:
 - 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.
 - 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.
 - 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.
 - **Adopt:** Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.
 - **Use:** 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.
- 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 MNMCM 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:
 - Depression: Twelve Month Remission
 - 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.

Measures

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

* Childhood Immunization- Combo 2 only
 ** Chlamydia Screening in Women- Ages 16-25
 *** Blood Pressure - <=140/90 mmHg
 ^ Optimal Diabetes Care - Hem A1c <=8, Blood Pressure <130/85, LDL-C <130 mg/dl, Aspirin Use, Tobacco Free
 # Optimal Diabetes Care - Hem A1c<7, Blood Pressure <130/80, LDL-C ,100 mg/dl, Aspirin Use, Tobacco Free
 & 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

Measures

With the increase in not only the number of measures but also the type of measures reported by MNMCM, 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 or 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 MNMCM 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.

Measures

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.

Measures

"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 not given an antibiotic prescription within three days of the episode period (July 1 of prior year to June 30 of measurement year). A higher rate represents better performance.
- **Appropriate Testing for Children with Pharyngitis** – Measures the percentage of children ages 2-18 with pharyngitis (sore throats) who were given an antibiotic and 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 not 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.

Measures

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.

- **Adopt:** Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.
- **Utilize:** 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.

Measures

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: www.mnhealthscores.org.

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 Mortality Rate*- This measure is used to assess the number of deaths per 100 discharges with a procedure code of coronary artery bypass graft (CABG).

Measures

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

Measures

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 (SCIP-Inf-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

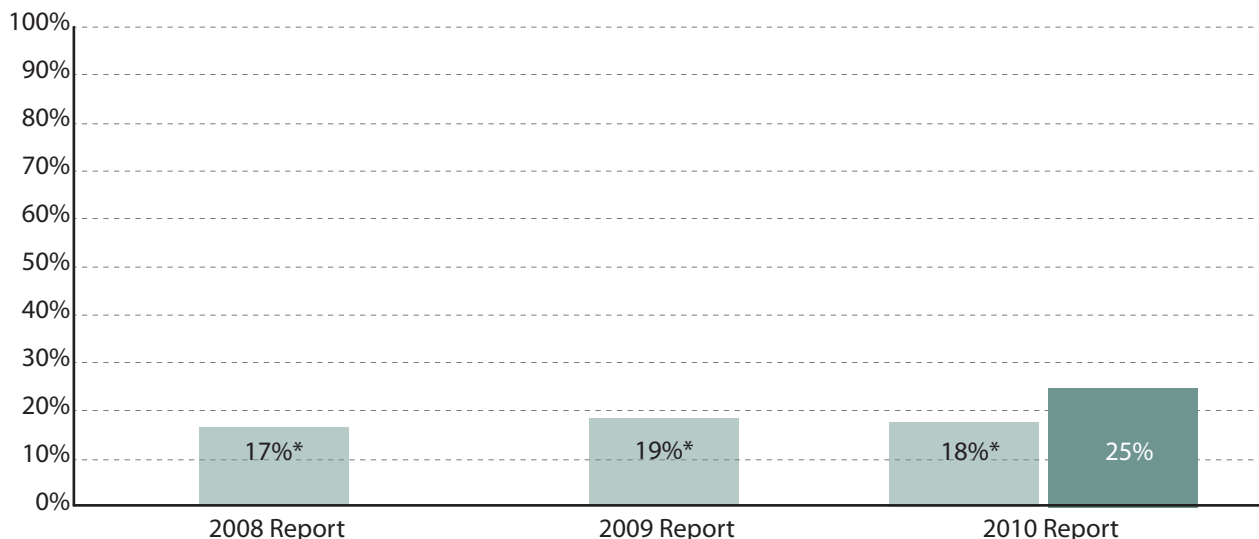
increase is primarily due to the relaxed A1C target. Chart 2.1 provides the rates for the clinic level data which are sorted by clinic from highest to lowest, along with the clinic average (designated by the bold black line). Chart 2.2 provides the rates for clinic level data rolled up by medical group. 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 MNMCM 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% CI	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

Figure 2: Statewide Clinic Level Rate for Optimal Diabetes Care Over Time

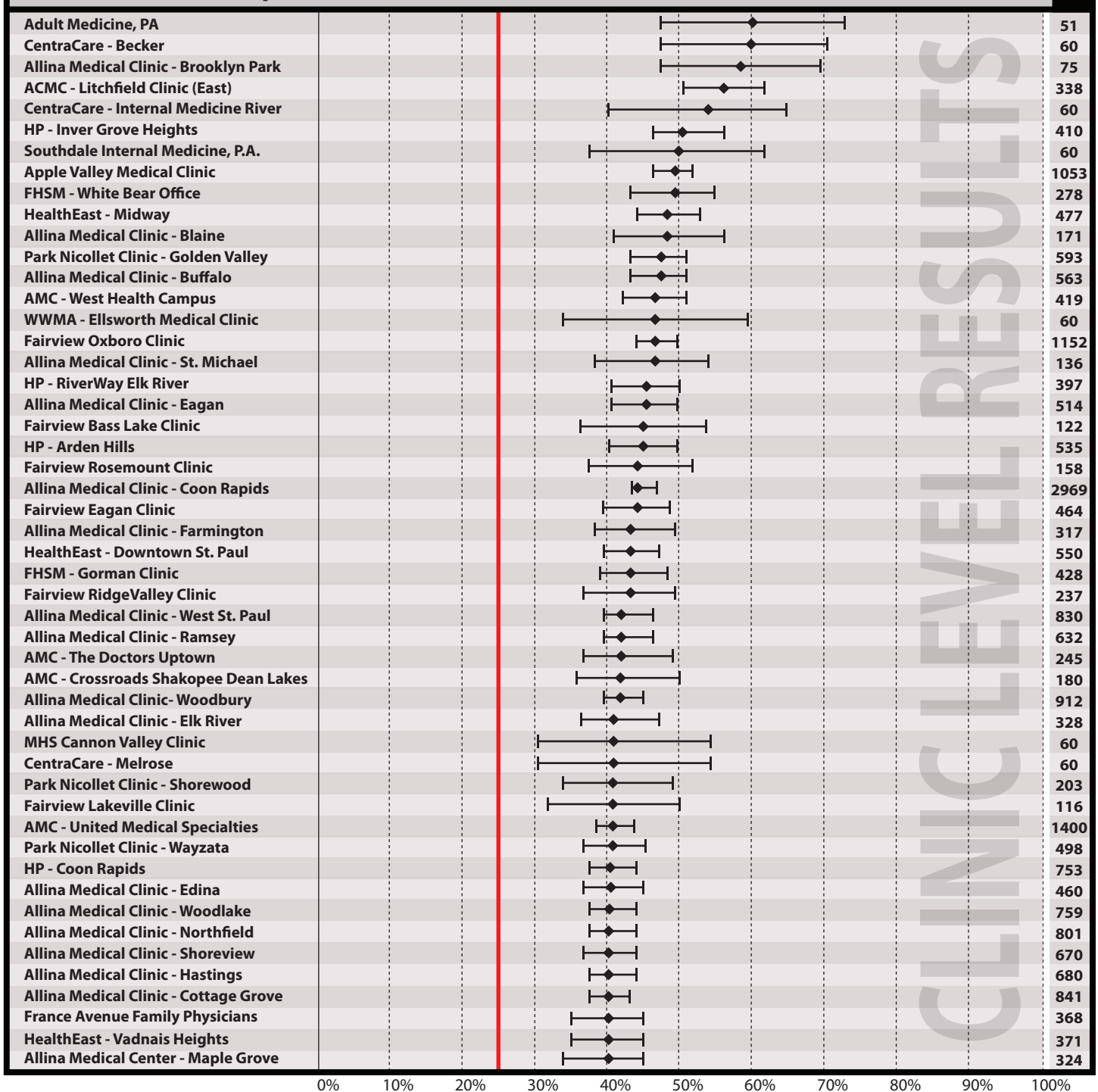


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

*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.

Chart 2.1: Optimal Diabetes Care (Clinic Level Results)

n*



Clinic Average **25%**

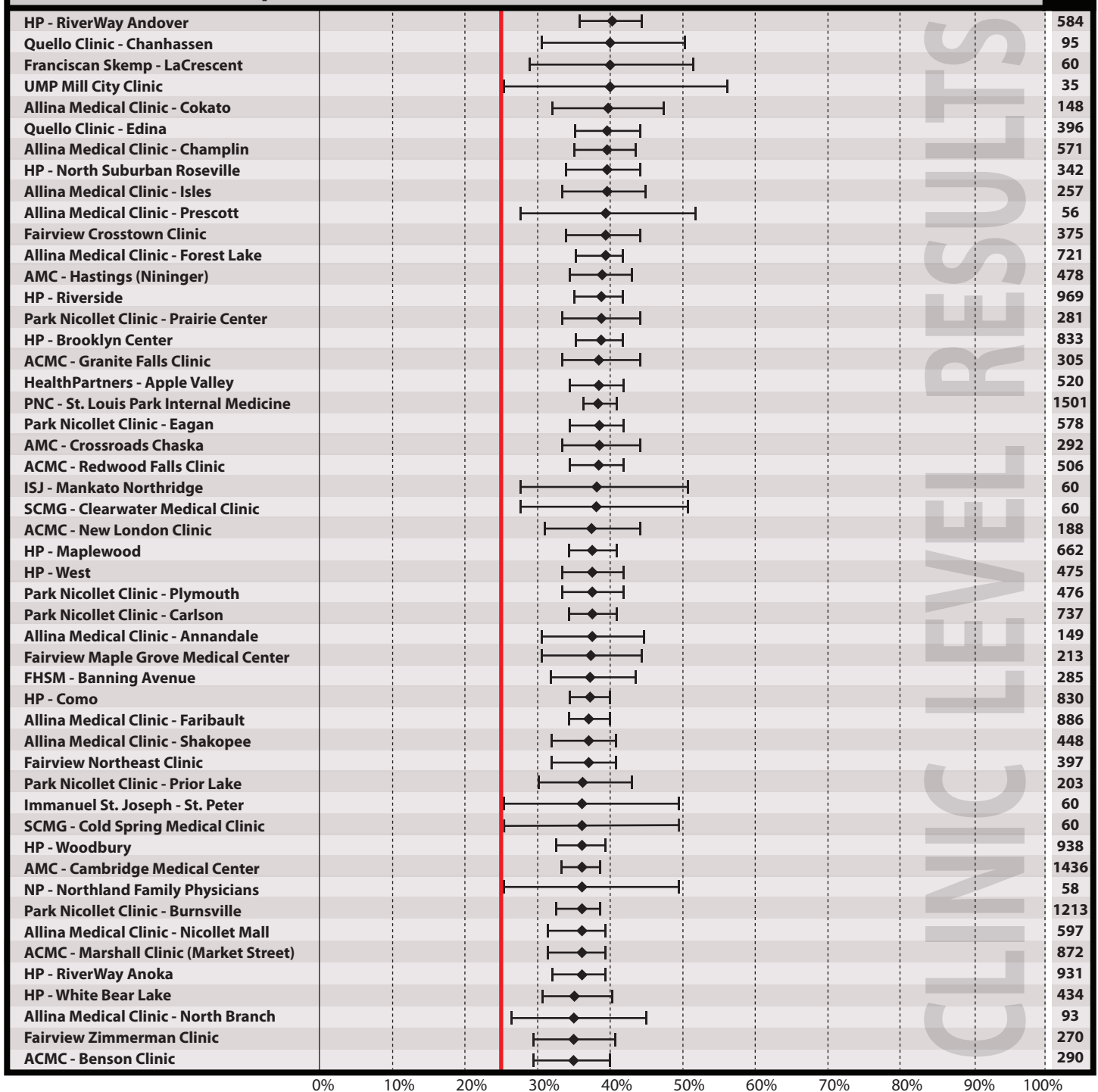
△ Endocrinology | — Lower Confidence Level/Upper Confidence Level n* = sample size

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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) - continued

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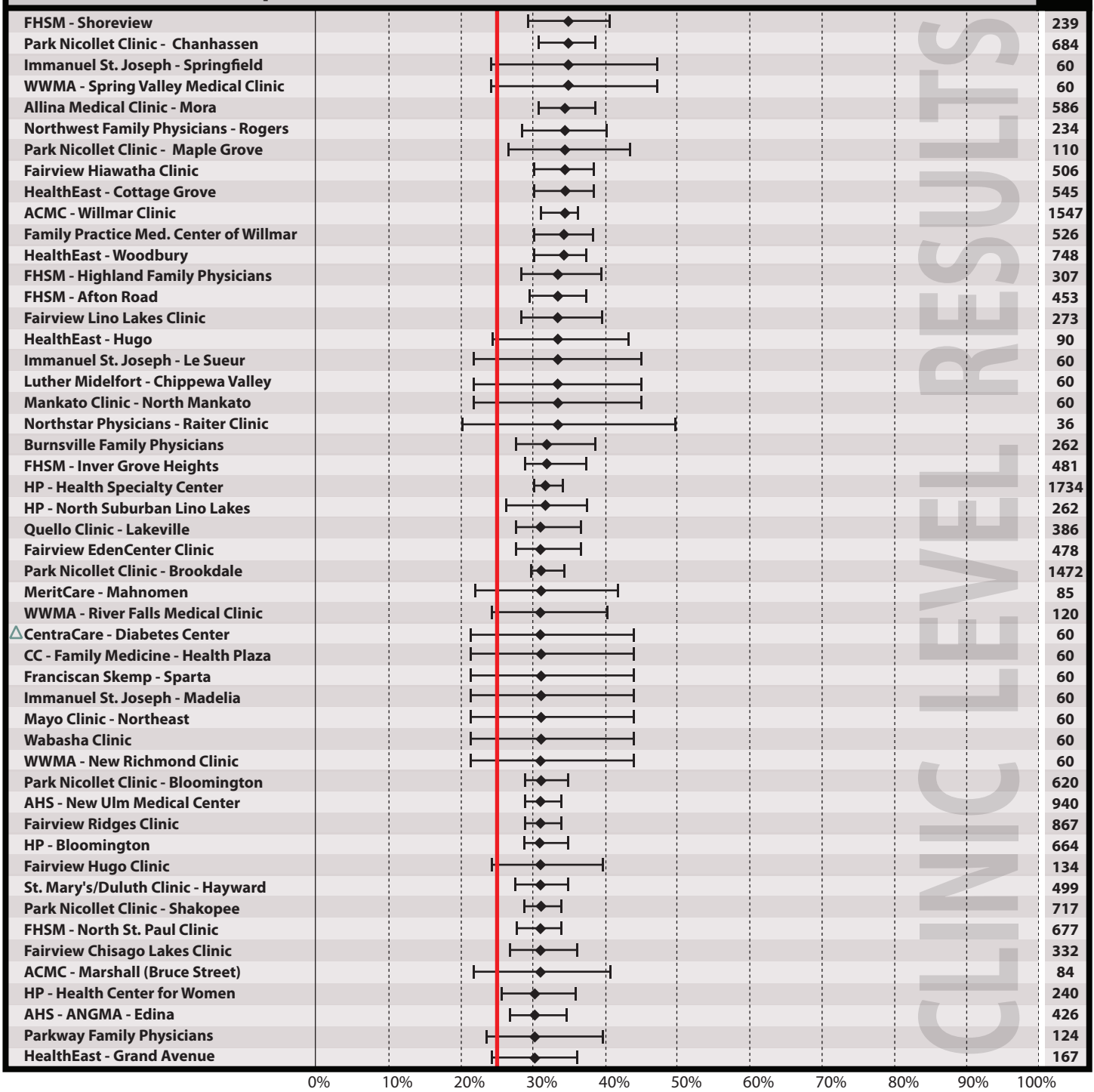
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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) - continued

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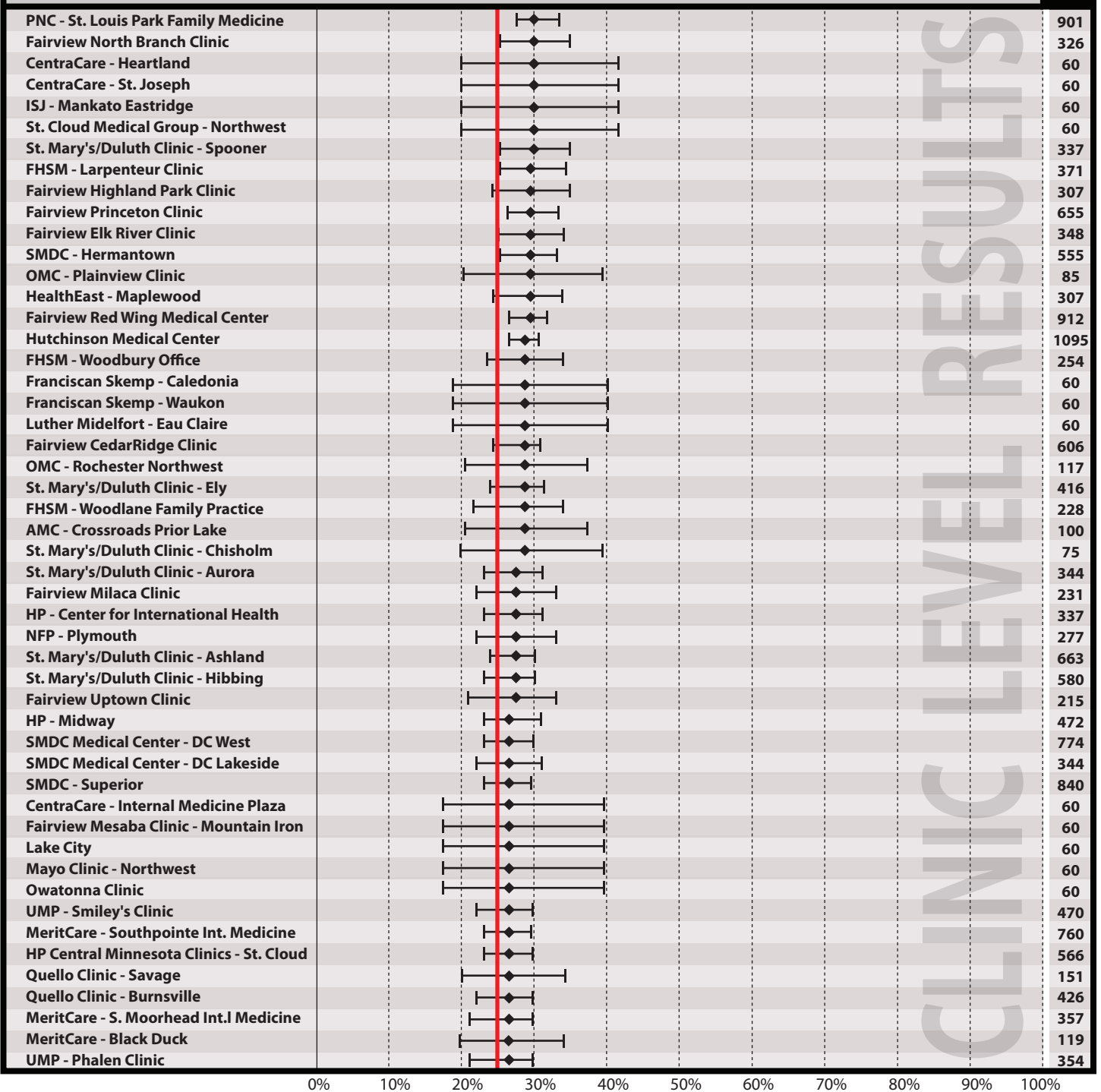
Clinic Average 25%

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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) - continued

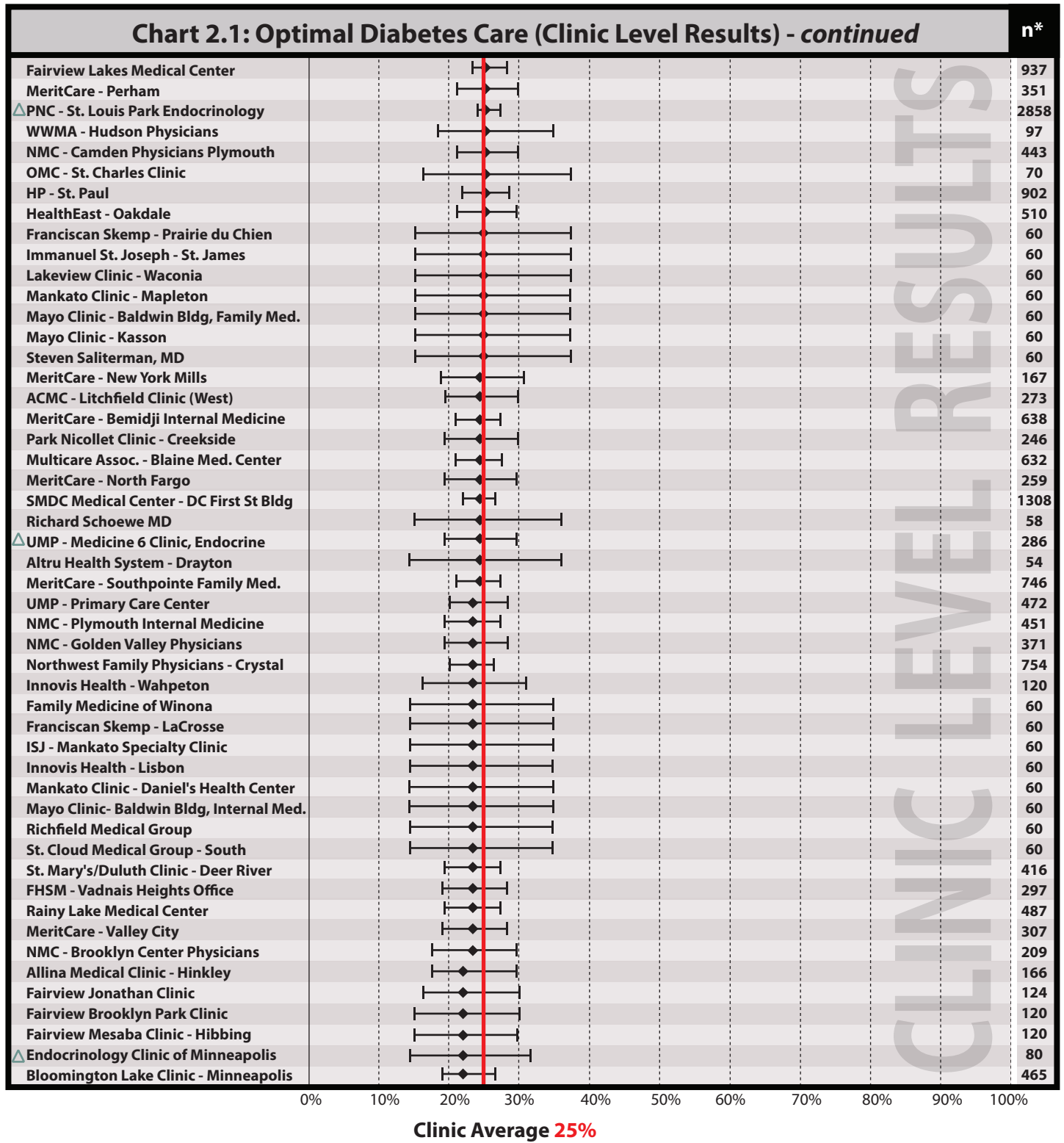
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Clinic Average **25%**

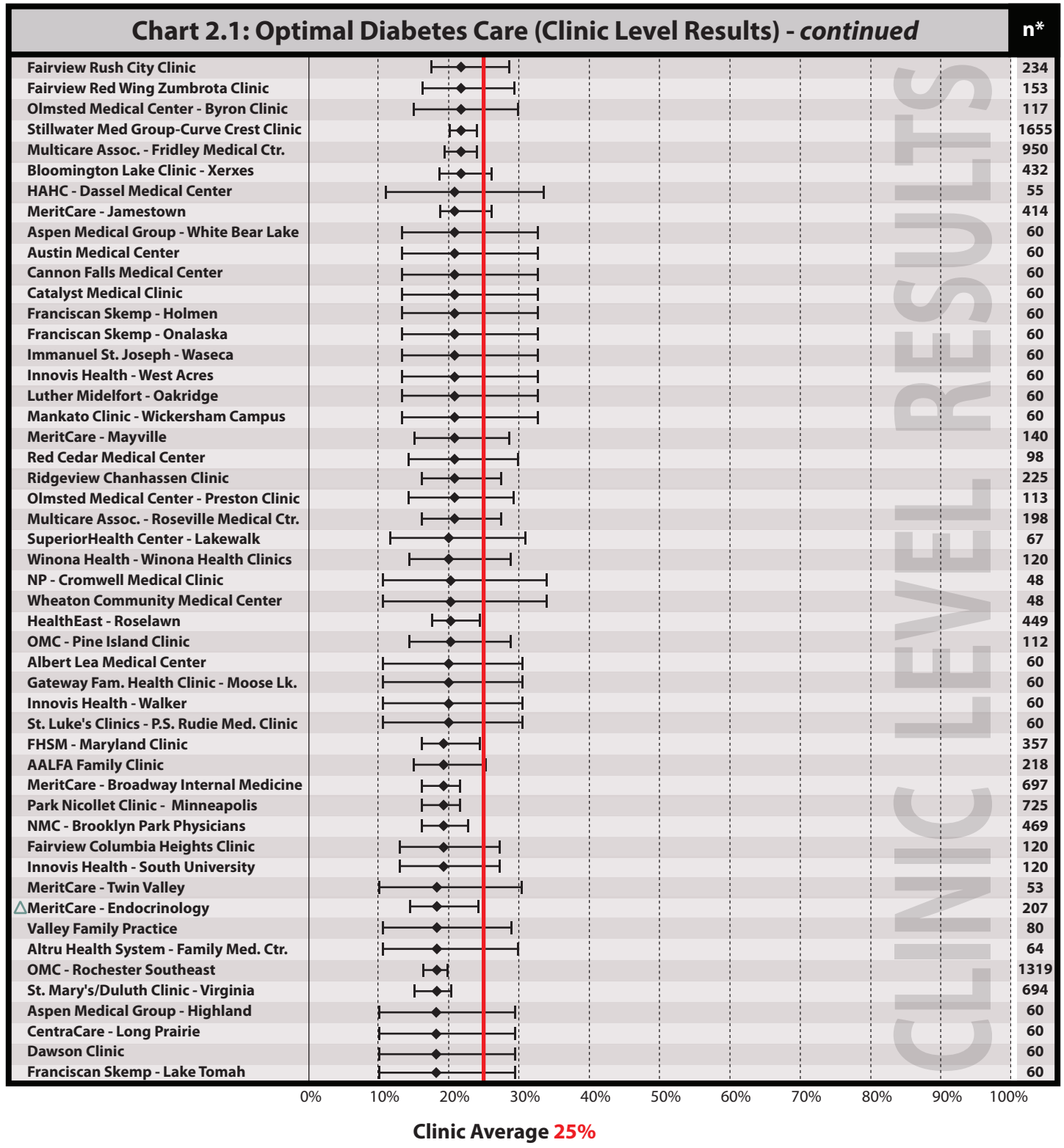
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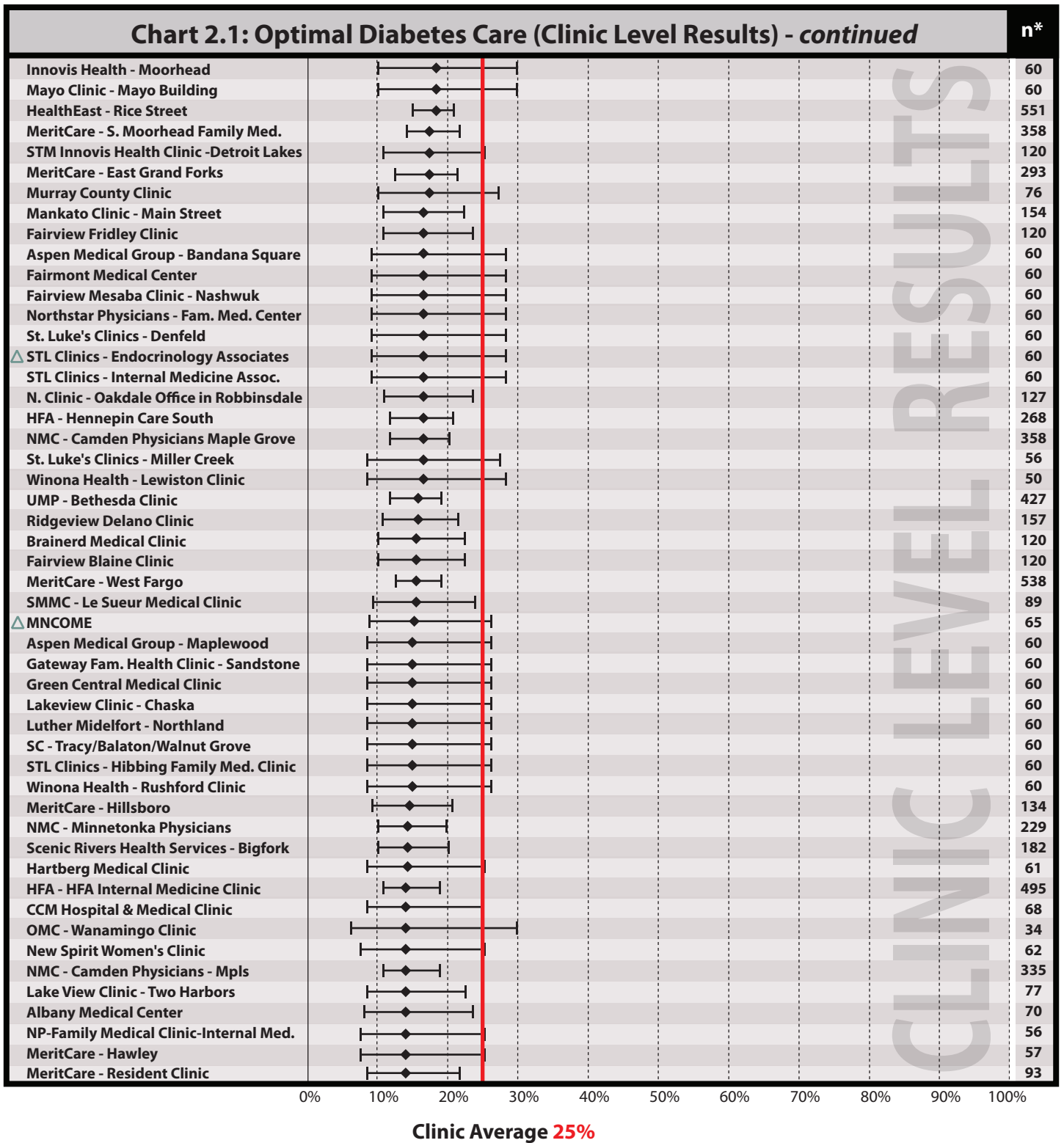


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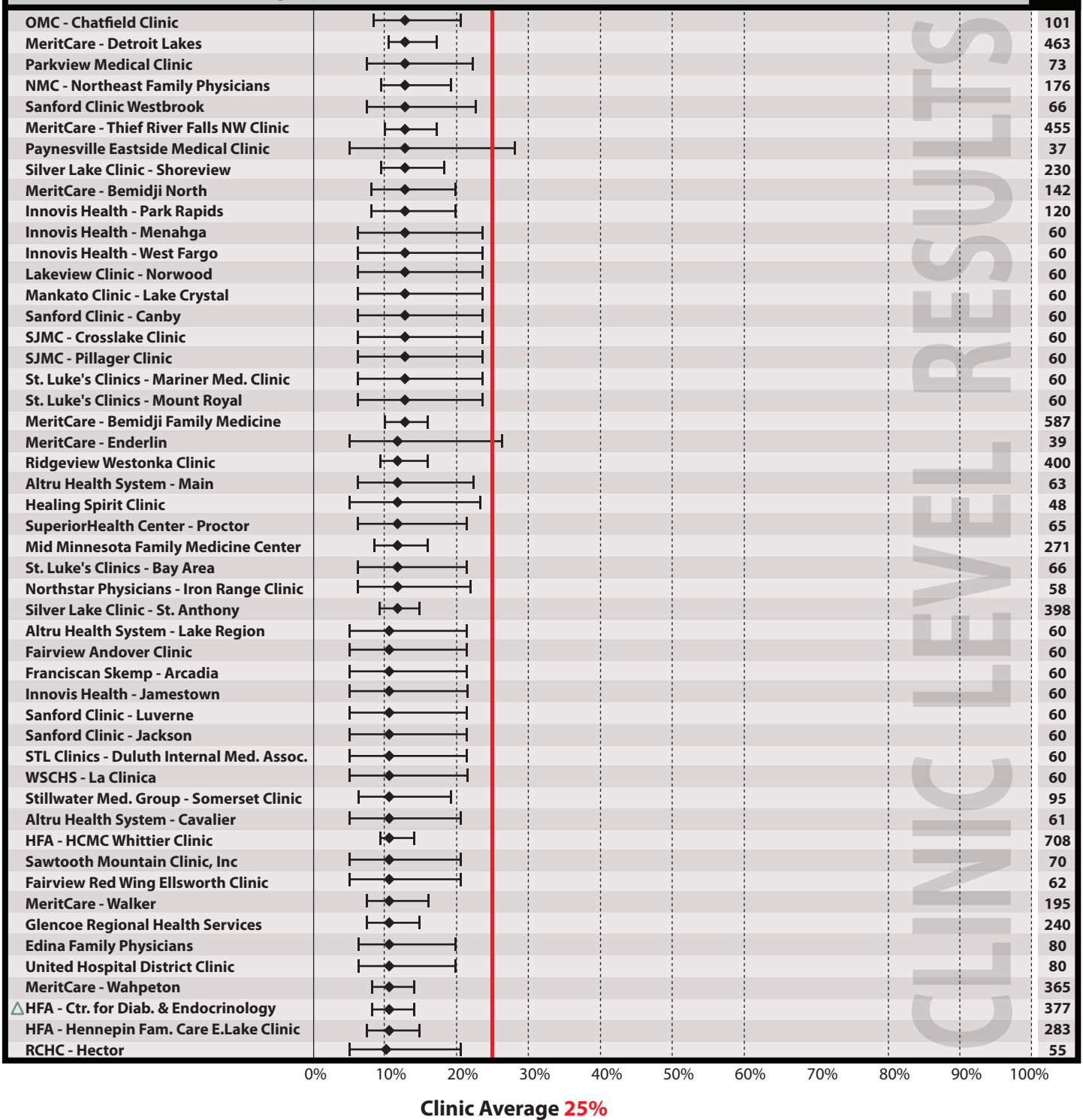


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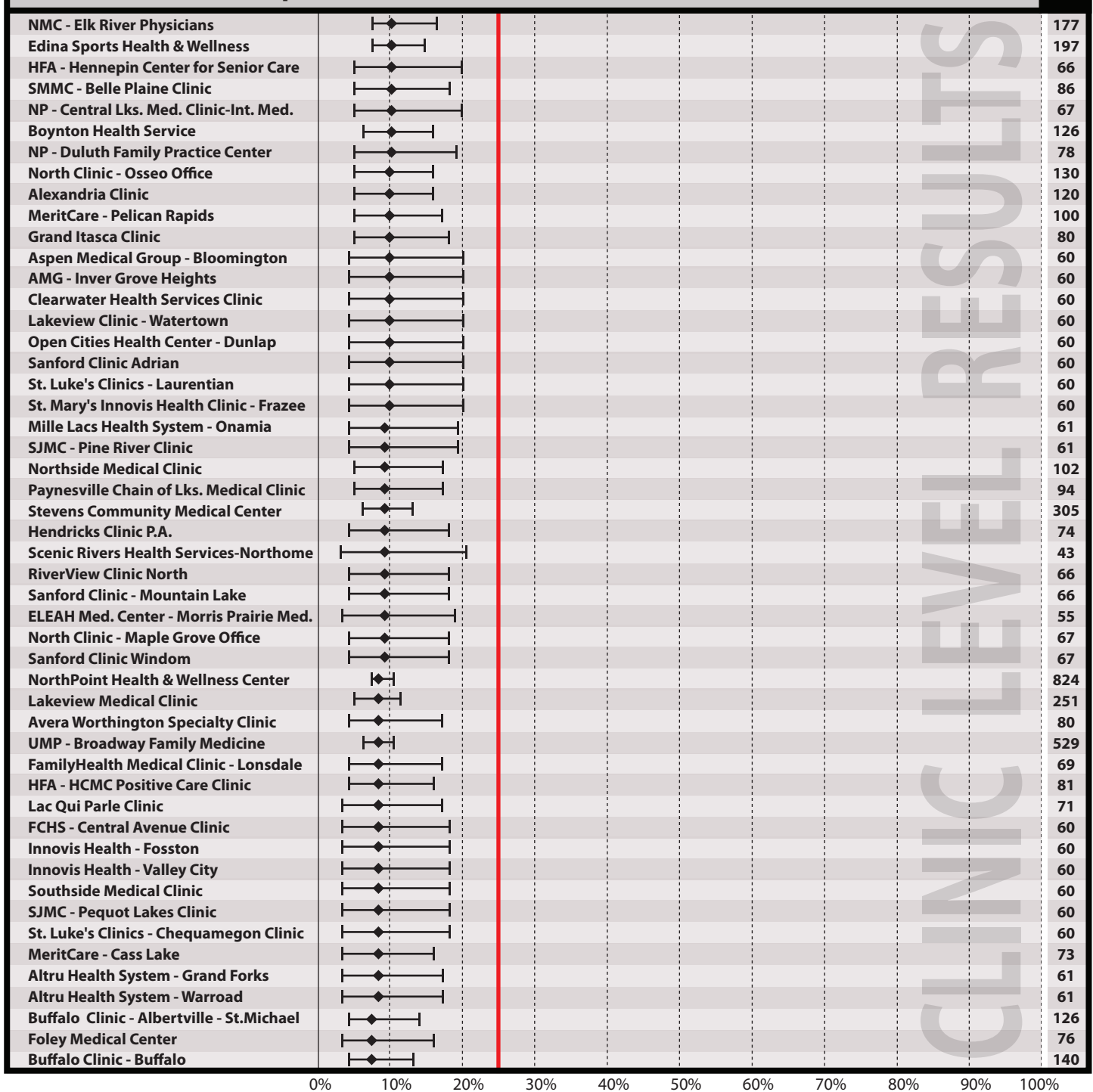
Chart 2.1: Optimal Diabetes Care (Clinic Level Results) - continued



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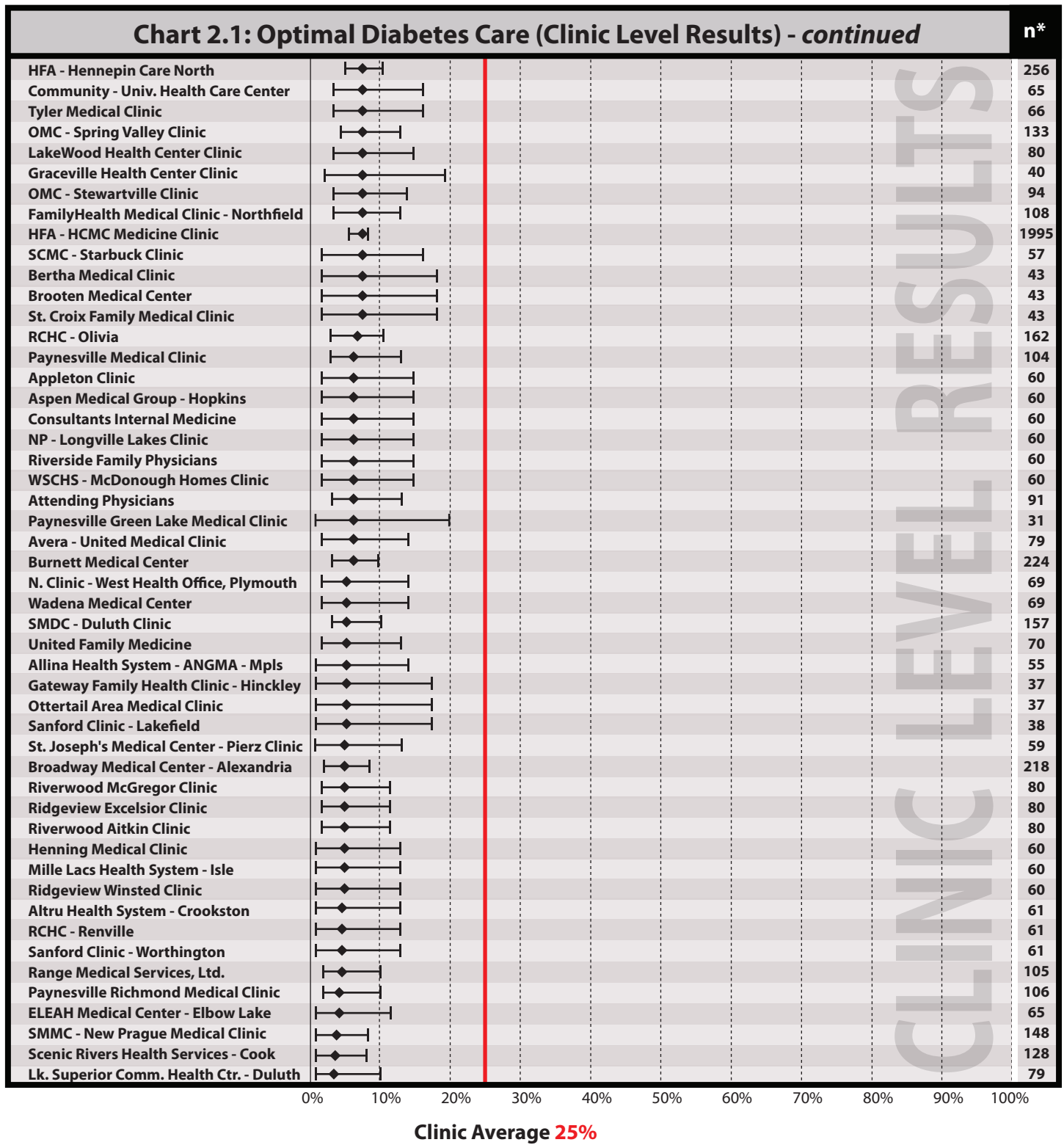
Chart 2.1: Optimal Diabetes Care (Clinic Level Results) - continued



Clinic Average 25%

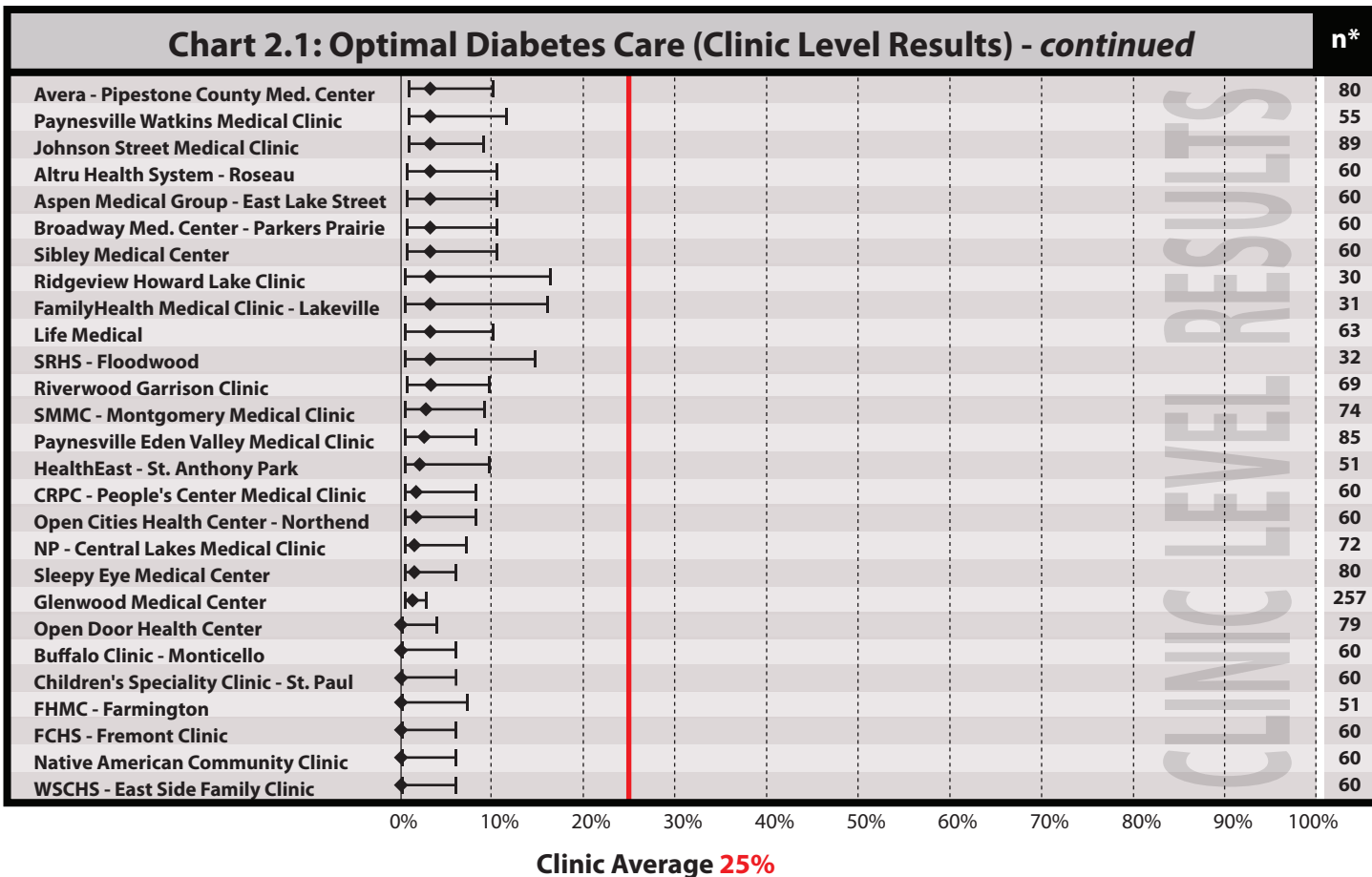
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CLINIC LEVEL RESULTS

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CLINIC LEVEL RESULTS

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Performance Highlights - Clinic Level 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 Chaska
- Crossroads 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
- Nicollet Mall
- North Branch
- Northfield
- Prescott

- 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 Health Services Minnesota

- Afton Road
- 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
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Health Center for Women
- Health Specialty Center
- Inver Grove Heights
- Maplewood
- North Suburban Lino Lakes
- North Suburban Roseville
- Riverside
- RiverWay Andover
- RiverWay Anoka
- RiverWay Elk River
- West
- White Bear Lake
- Woodbury

Hutchinson Medical Center

Mayo Health System

- Cannon Valley Clinic
- Franciscan Skemp – LaCrescent

- Immanuel St. Joseph's – Mankato Northridge
- Immanuel St. Joseph's – St. Peter

Park Nicollet Health Services

- Bloomington
- Brookdale
- Burnsville
- Carlson
- Chanhassen
- Eagan
- Golden Valley
- Maple Grove
- Plymouth
- Prairie Center
- Prior Lake
- Shakopee
- Shorewood
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

Quello Clinic

- Chanhassen
- Edina
- Lakeville

Southdale Internal Medicine, P.A.

St. Cloud Medical Group

- Clearwater Medical Clinic
- Cold Spring Medical Clinic

St. Mary's/Duluth Clinic Health System

- Hayward
- Spooner

Biggest Improvement from 2009-2010

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 20 percentage point increase.

Performance Highlights - Clinic Level Results

Clinic Level Performance Over Time (2008-2010)

We reviewed the data to identify patterns of clinic 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, MNMCM changed the A1C level from <7.0 to <8.0 this year to coincide with guidelines. MNMCM 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 clinics achieved consistently high performance and above average rates over the past three years 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
- 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
- St. Louis Park Internal Medicine

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

- Downtown St. Paul
- Grand Avenue
- Vadnais Heights

HealthPartners Clinics

- Elk River (Riverway Clinics)
- Health Specialty Center (Phalen)
- Lino Lakes (NSFP)
- Maplewood
- Midway
- Riverside
- Roseville (NSFP)
- West

MeritCare

- New York Mills

Multicare Associates

- Blaine Medical Center

New Spirit Women's Clinic

North Memorial Clinic

- Golden Valley Physicians

Northwest Family Physicians

- Crystal
- Plymouth
- Rogers

Park Nicollet Health Services

- Bloomingtown
- Brookdale
- Burnsville
- Carlson
- Chanhassen
- Eagan
- Golden Valley
- Plymouth
- Prairie Center
- Prior Lake
- St. Louis Park Endocrinology
- Wayzata

Quello Clinic

- Burnsville
- Edina
- Lakeville

Southdale Internal Medicine,P.A.

St. Cloud Medical Group

- Northwest

St. Mary's Duluth Clinic

- Ashland
- Aurora
- Chisholm
- Brookdale
- DC Lakeside
- DC West
- Hayward
- Hibbing
- Spooner
- Superior
- Virginia

University of Minnesota Physicians

- Bethesda
- Phalen

Western Wisconsin Med. Assoc.

- Ellsworth Medical Clinic

Performance Highlights - Clinic Level Results

Clinic Level Performance Over Time (2008-2010)

Fifteen clinics showed consistent decreases over three years:

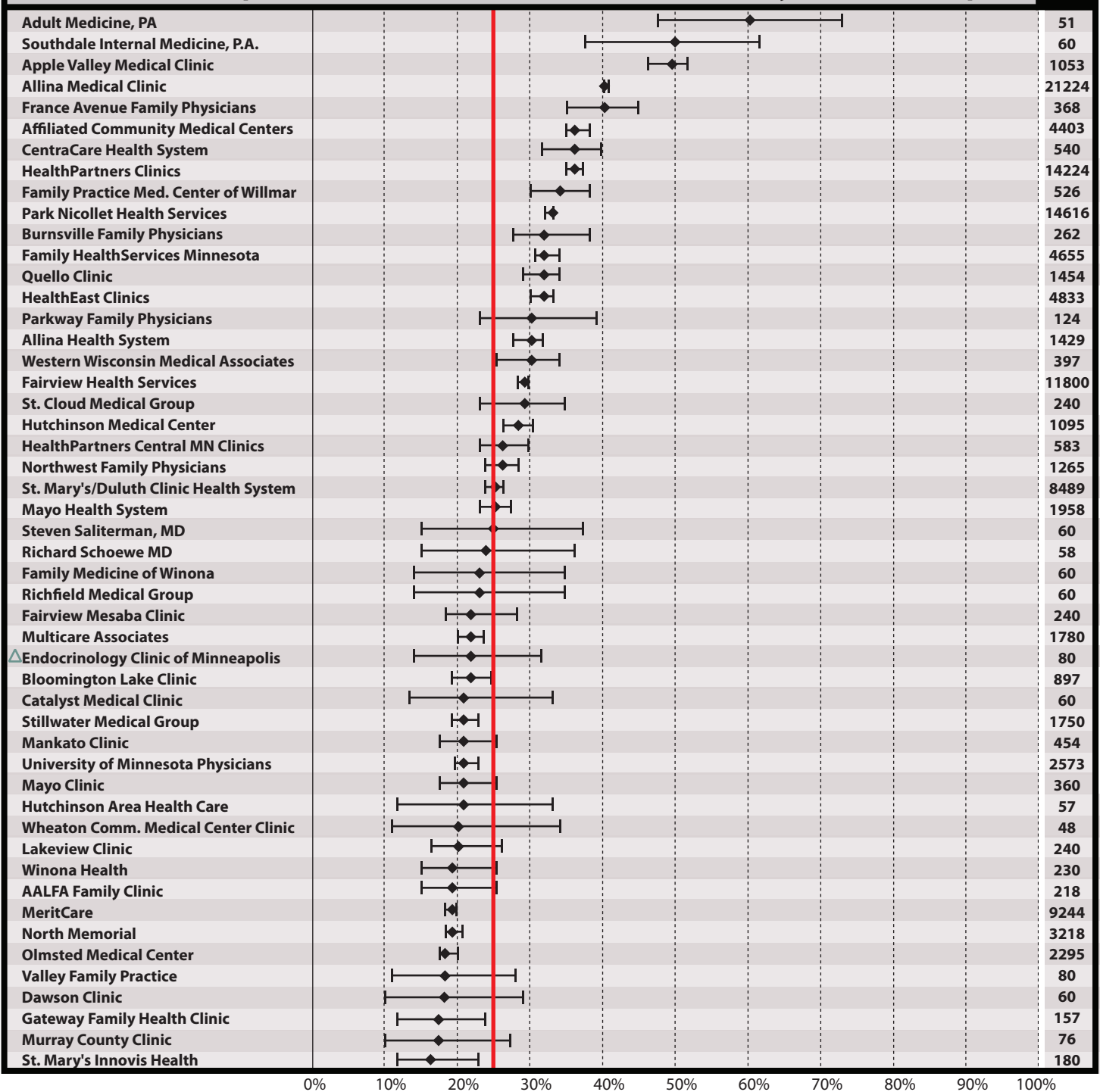
- | | | |
|--|---|--|
| <p>AALFA Family Clinic</p> <p>Fairview Health Services</p> <ul style="list-style-type: none"> • CedarRidge Clinic • Chisago Lakes Clinic • Hugo Clinic • Lakes Medical Center • North Branch Clinic | <ul style="list-style-type: none"> • Ridges • Uptown <p>Family HealthServices Minnesota</p> <ul style="list-style-type: none"> • Afton Road • North St. Paul Clinic • Woodlane Family Practice <p>HealthEast</p> | <ul style="list-style-type: none"> • Maplewood <p>MeritCare</p> <ul style="list-style-type: none"> • Broadway Internal Medicine <p>North Clinic</p> <ul style="list-style-type: none"> • WestHealth Office in Plymouth <p>United Family Medicine</p> |
|--|---|--|

Eighteen clinics had rates that were relatively stable over three years:

- | | | |
|--|---|--|
| <p>Aspen Medical Group</p> <ul style="list-style-type: none"> • Hopkins <p>CentraCare Health System</p> <ul style="list-style-type: none"> • Diabetes Center <p>Fairview Health Services</p> <ul style="list-style-type: none"> • Northeast Clinic <p>Family HealthServices Minnesota</p> <ul style="list-style-type: none"> • Banning Avenue • Larpenteur Clinic | <ul style="list-style-type: none"> • Maryland Clinic <p>HealthEast</p> <ul style="list-style-type: none"> • Roselawn <p>MeritCare</p> <ul style="list-style-type: none"> • Bemidji North • Detroit Lakes • East Grand Forks • Jamestown • Pelican Rapids | <ul style="list-style-type: none"> • Southpointe Internal Medicine <p>North Clinic</p> <ul style="list-style-type: none"> • Osseo Office <p>Renville County Hospital and Clinics</p> <ul style="list-style-type: none"> • Hector <p>Silver Lake Clinic</p> <ul style="list-style-type: none"> • St. Anthony <p>Steven Saliterman, MD</p> |
|--|---|--|

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

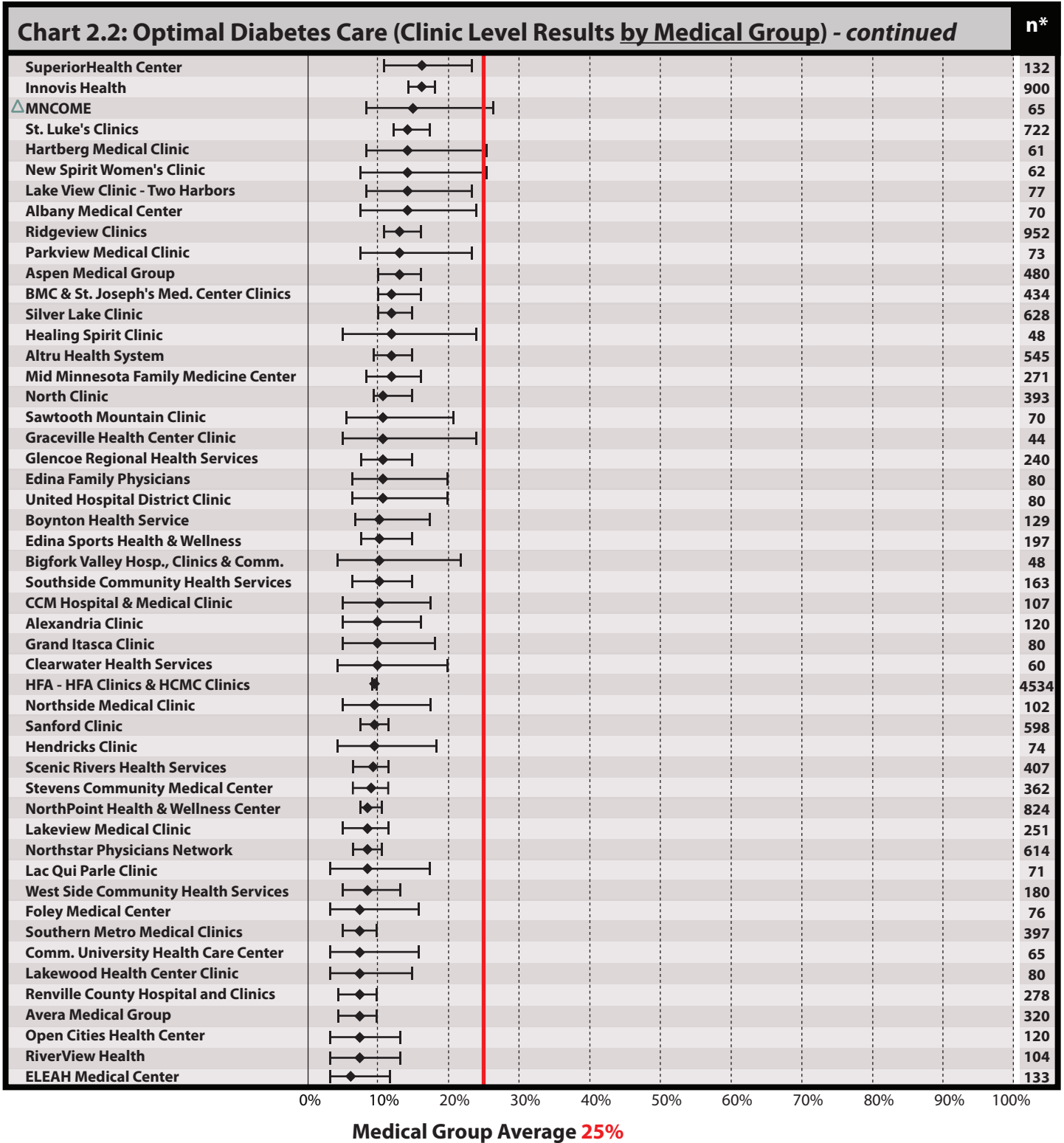
Chart 2.2: Optimal Diabetes Care (Clinic Level Results by Medical Group)



Medical Group Average **25%**

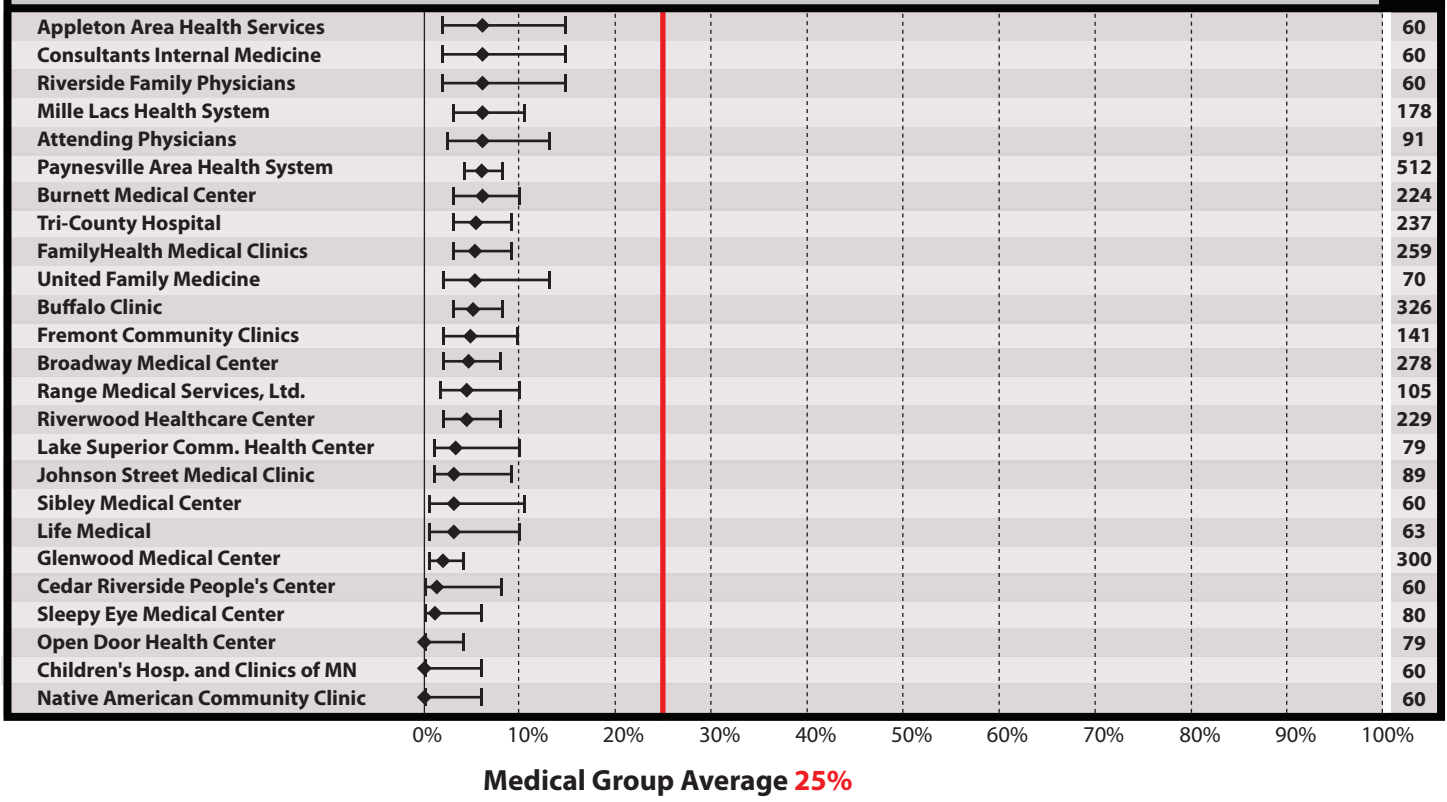
△ Endocrinology | Lower Confidence Level/Upper Confidence Level n* = sample size

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



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

Chart 2.2: Optimal Diabetes Care (Clinic Level Results by Medical Group) - continued



△ Endocrinology | Lower Confidence Level/Upper Confidence Level n* = sample size

CCM - Chippewa County Monteideo
 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 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.

Under direction of the MARC, MNMCM changed the A1C level from <7.0 to <8.0 this year to coincide with guidelines. MNMCM 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 medical groups achieved consistently high performance and above average rates over the past three years 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 consistent improvement over three years:

- 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 relatively stable over three years:

- 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

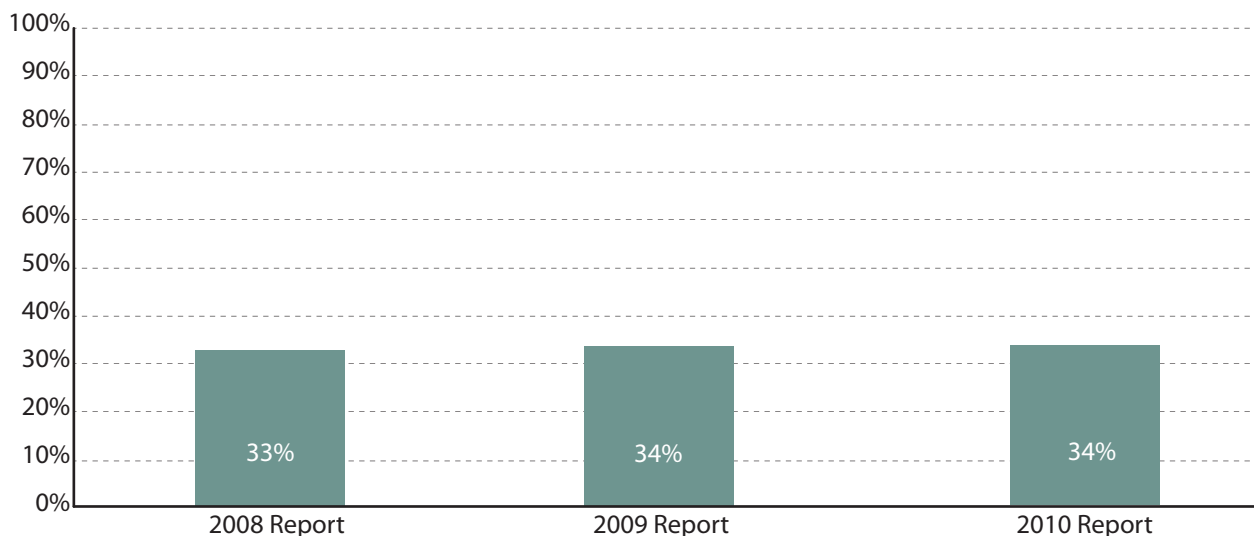
for clinic level data with the rates sorted from highest to lowest, along with the clinic average (designated by bold black line). Chart 3.2 provides the rates for clinic level data rolled up by medical group and are sorted by medical group from highest to lowest along with the clinic average (designated 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 MNMCM 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% CI	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

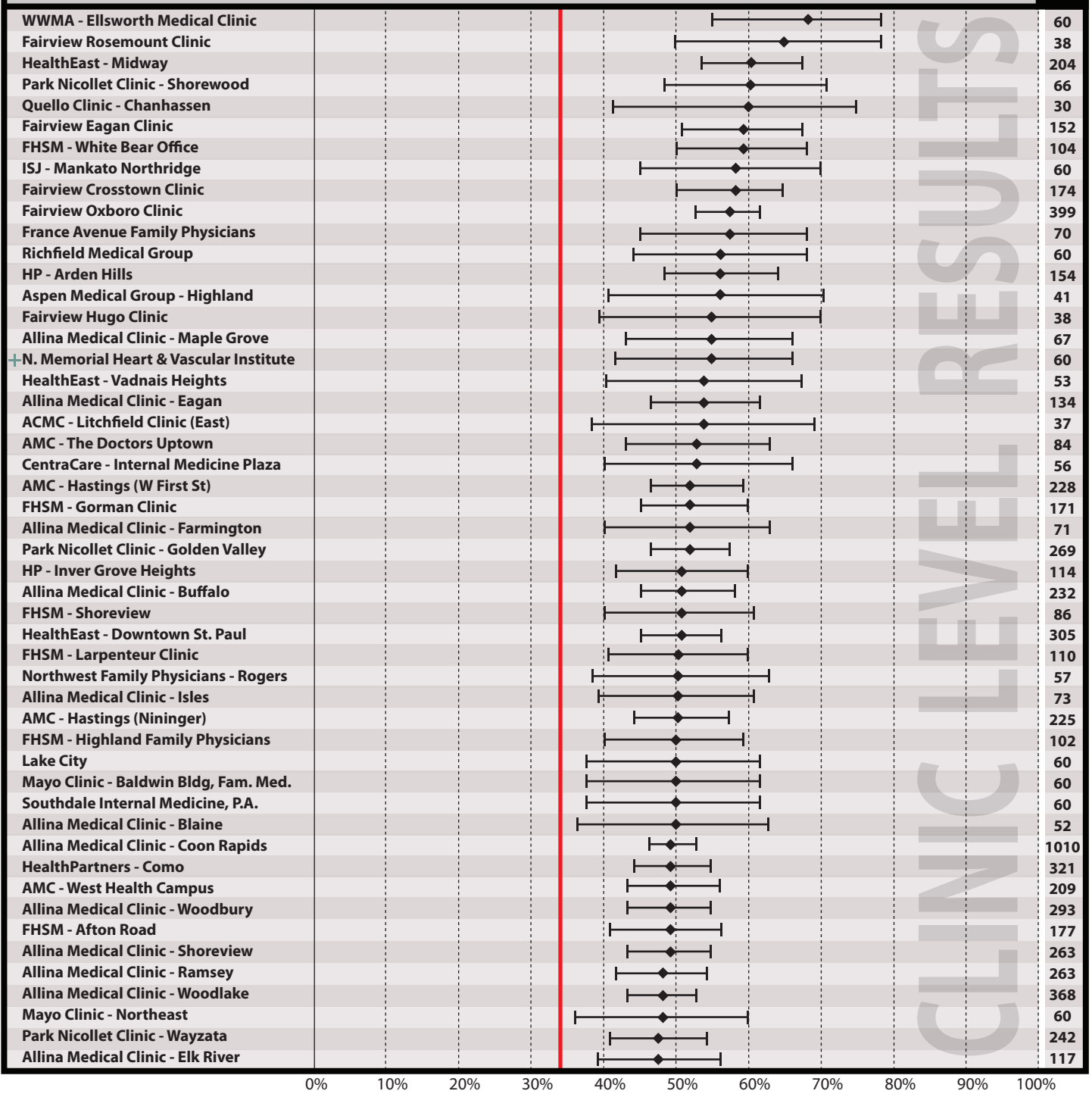
Figure 3: Statewide Clinic Level Rate for Optimal Vascular Care Over Time



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

Chart 3.1: Optimal Vascular Care (Clinic Level Results)

n*

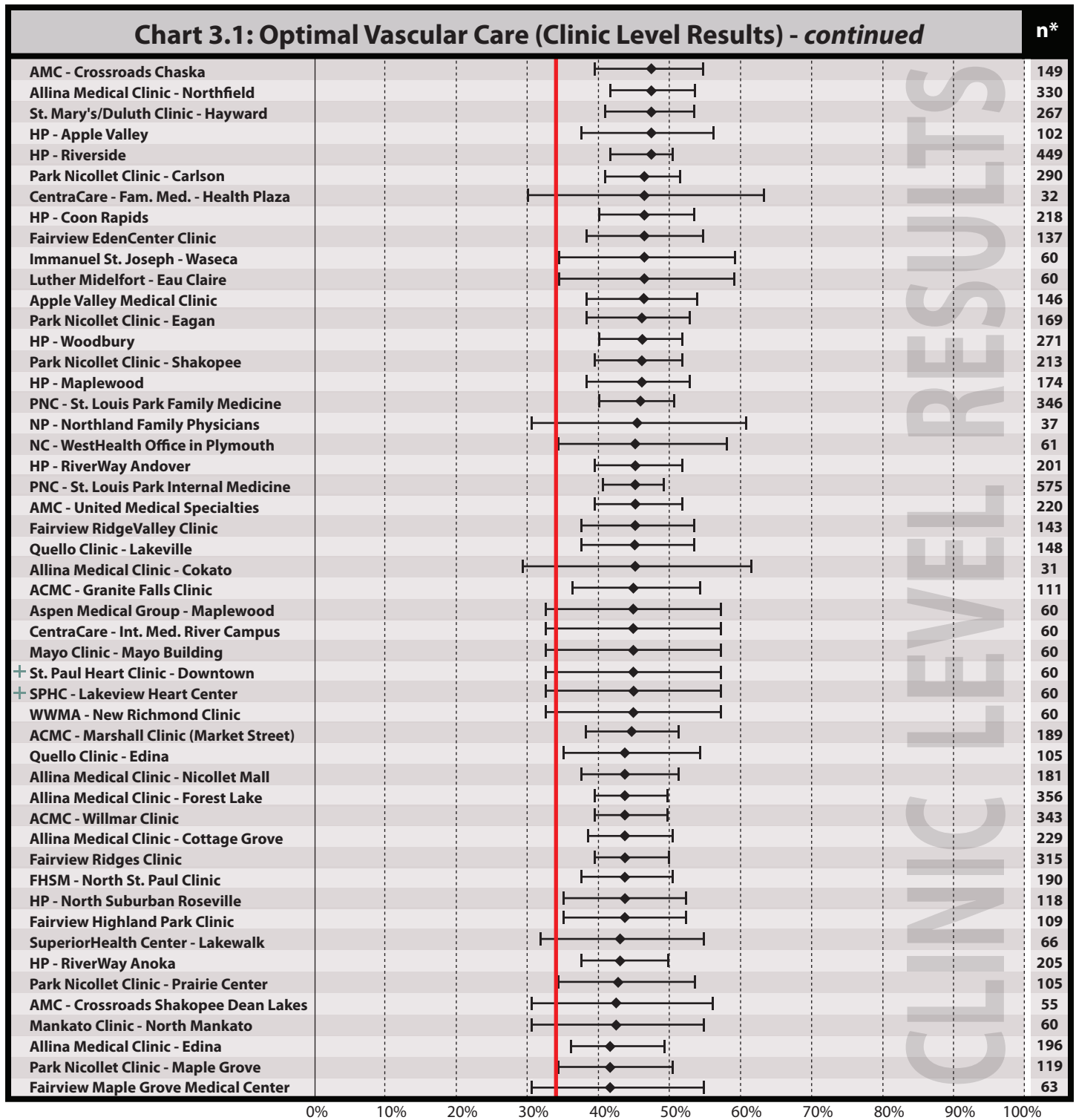


Clinic Average **34%**

+ 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 Medicine Associates	ISJ - Immanuel St. Joseph Health Center	SC - Sanford Clinic	SPHC - St. Paul Heart Clinic
BC - Buffalo Clinic	LSCHC - Lake Superior Community Health Center	SCMG - St. Cloud Medical Group	UMP - University of Minnesota Physicians
CCM - Chippewa County Montevideo	NC - North Clinic	SJMC - St. Joseph's Medical Center	WSCHS - West Side Community Health Services
FCHS - Fremont Community Health Services	NMC - North Memorial Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
		SMDC - St. Mary's Duluth Clinic	

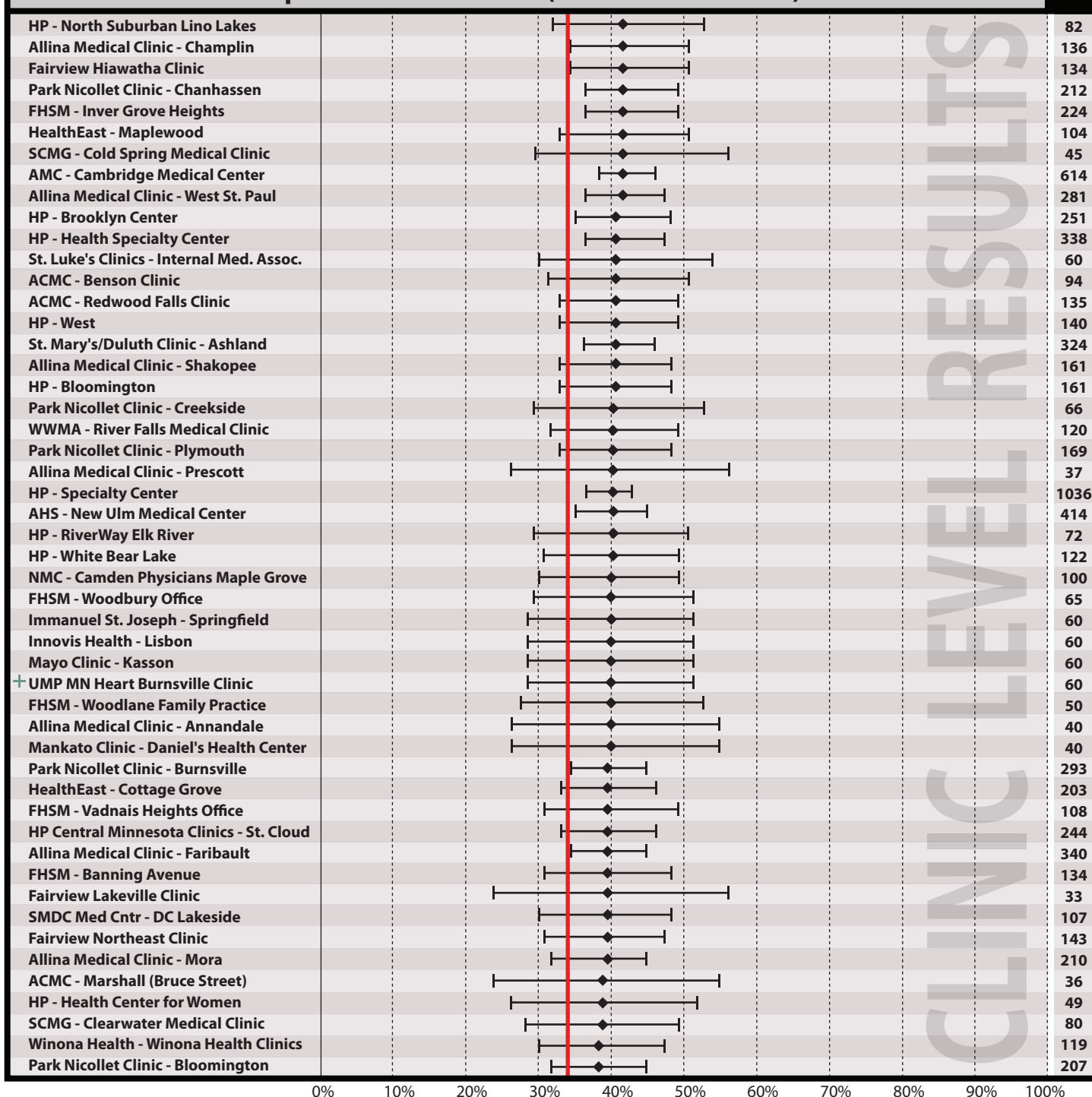
Living with Illness



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Chart 3.1: Optimal Vascular Care (Clinic Level Results) - continued

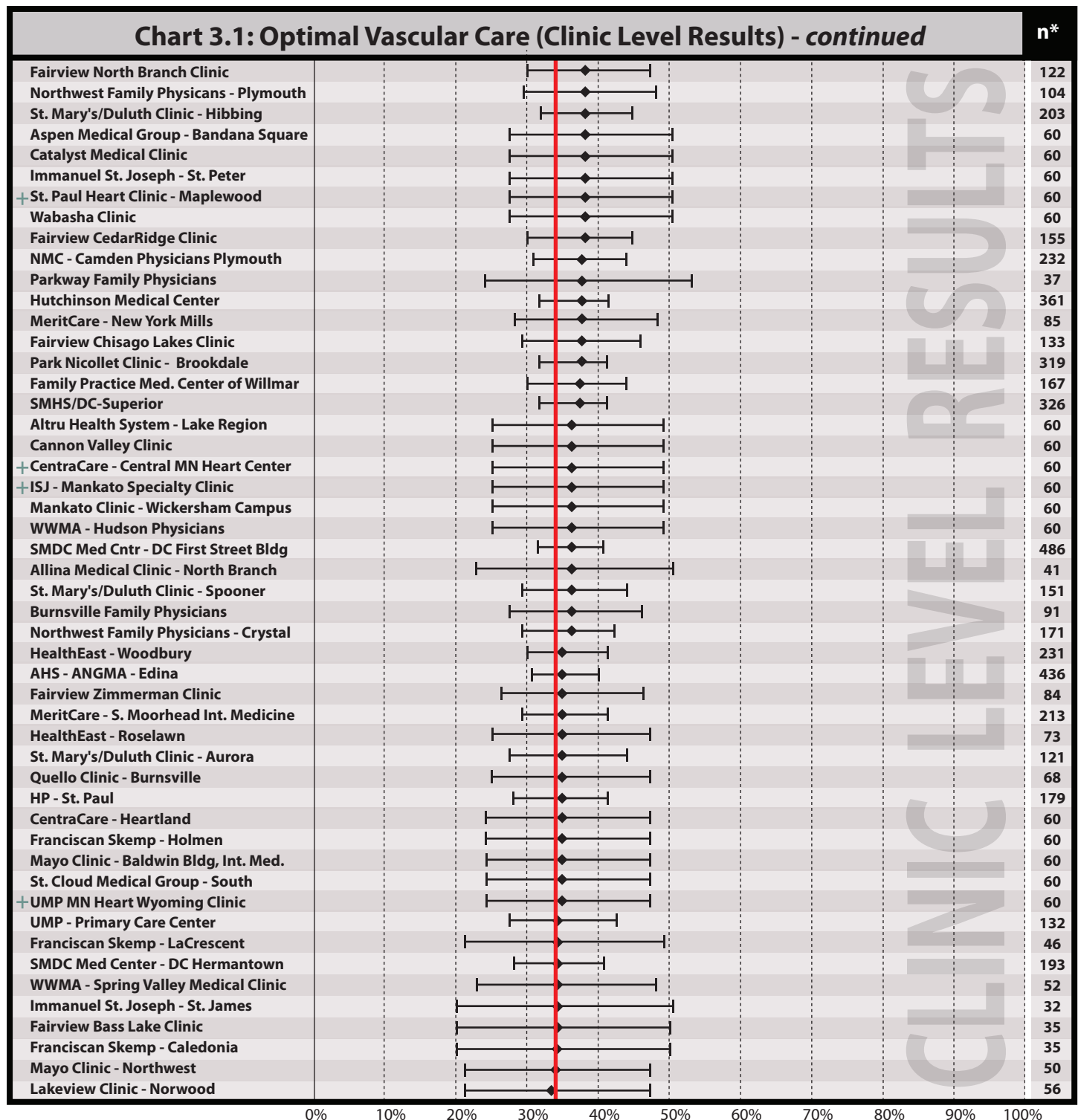
n*



Clinic Average 34%

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

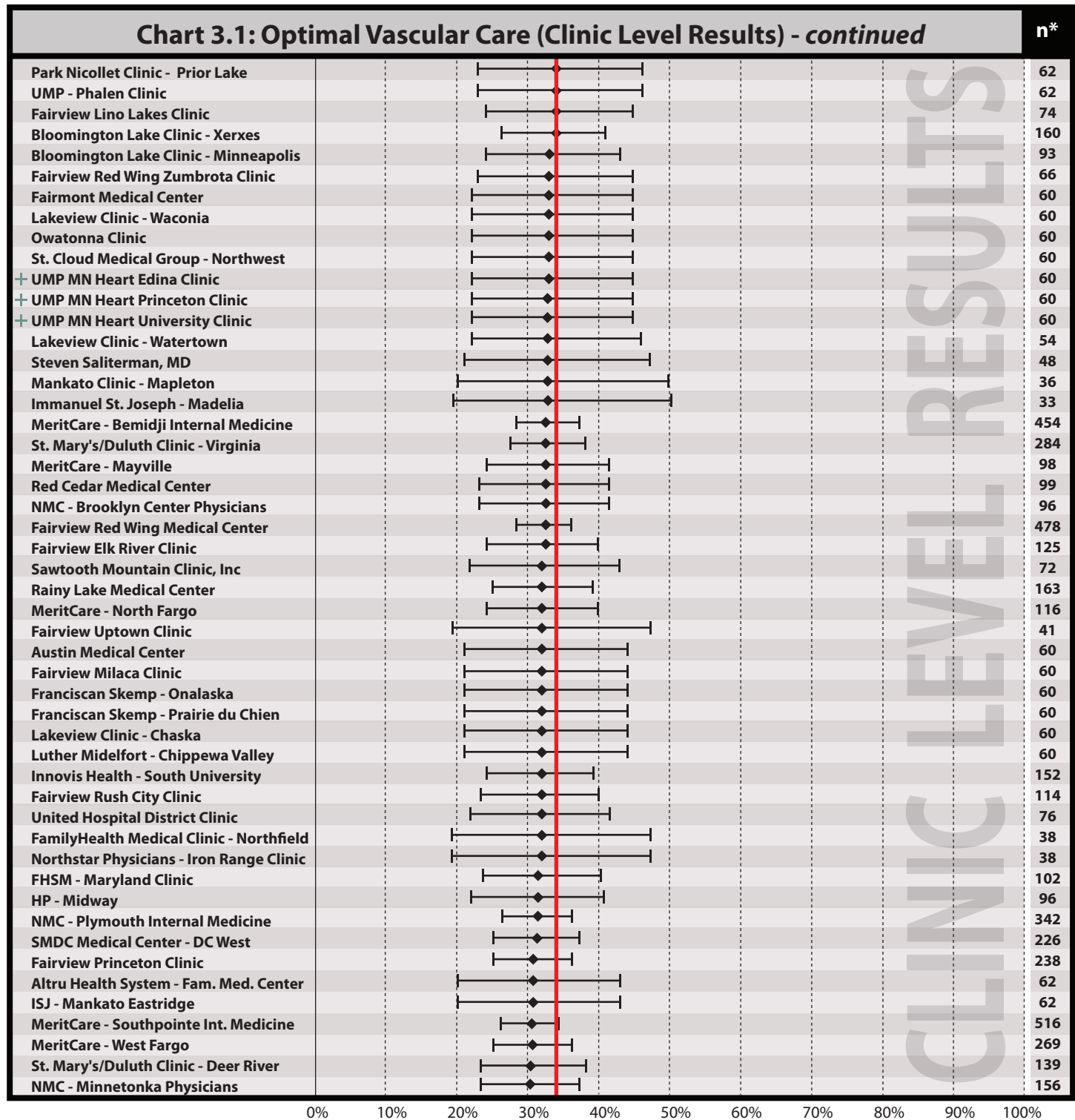
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FCHS - Fremont Community Health Services	NMC - North Memorial Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
		SMDC - St. Mary's Duluth Clinic	



Clinic Average 34%

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

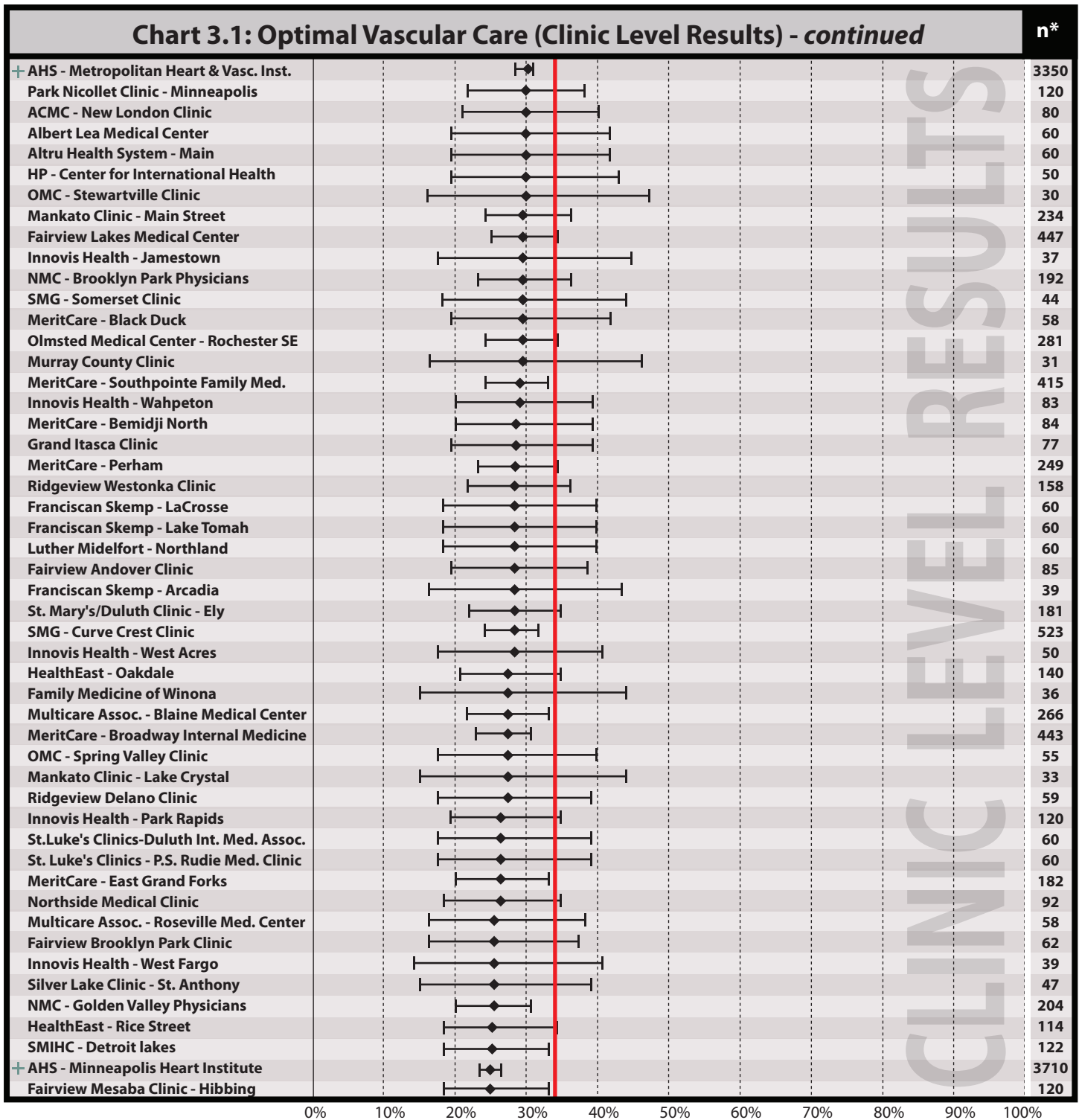
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Clinic Average 34%

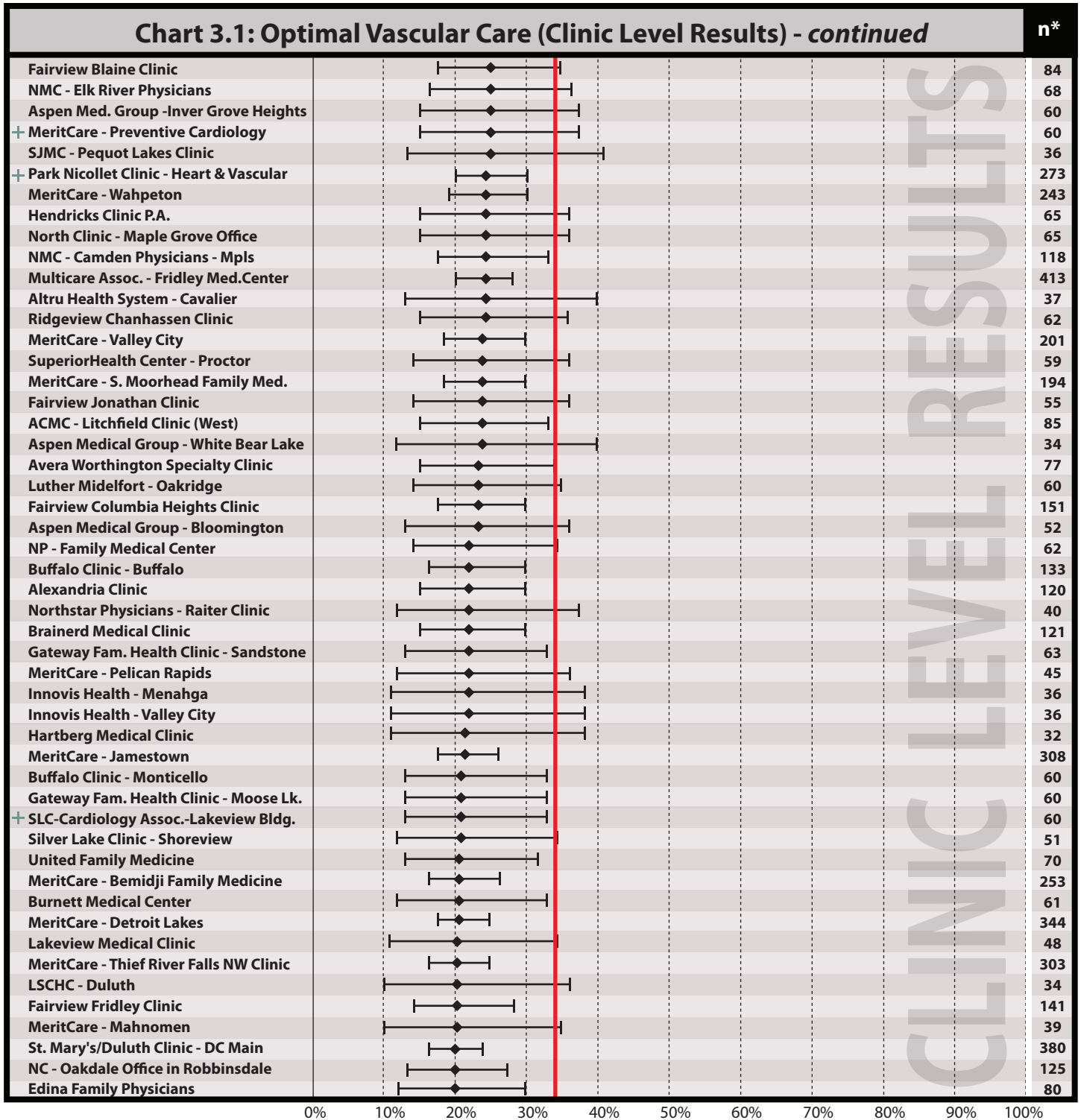
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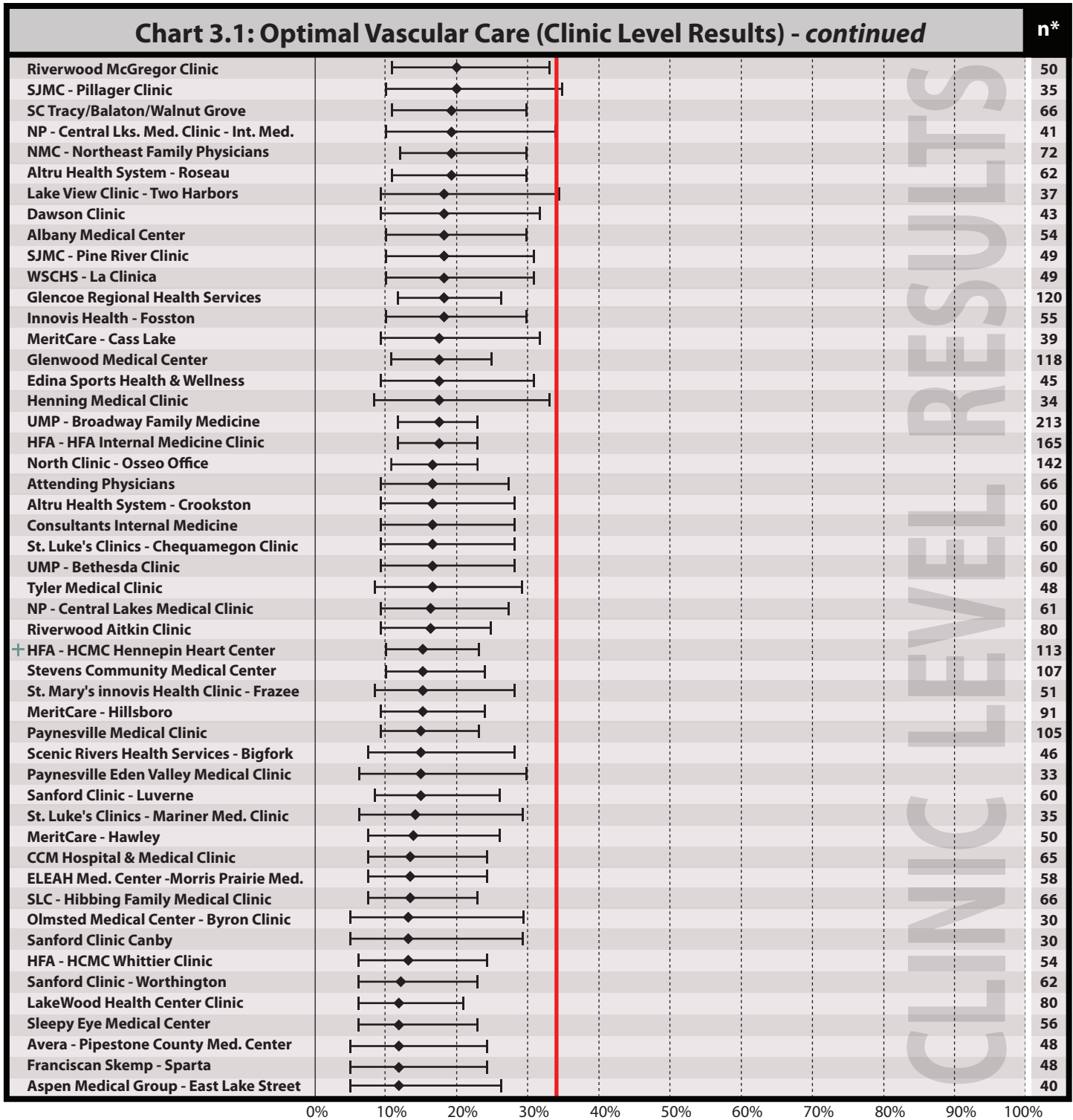
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		SMDC - St. Mary's Duluth Clinic	



Living with illness

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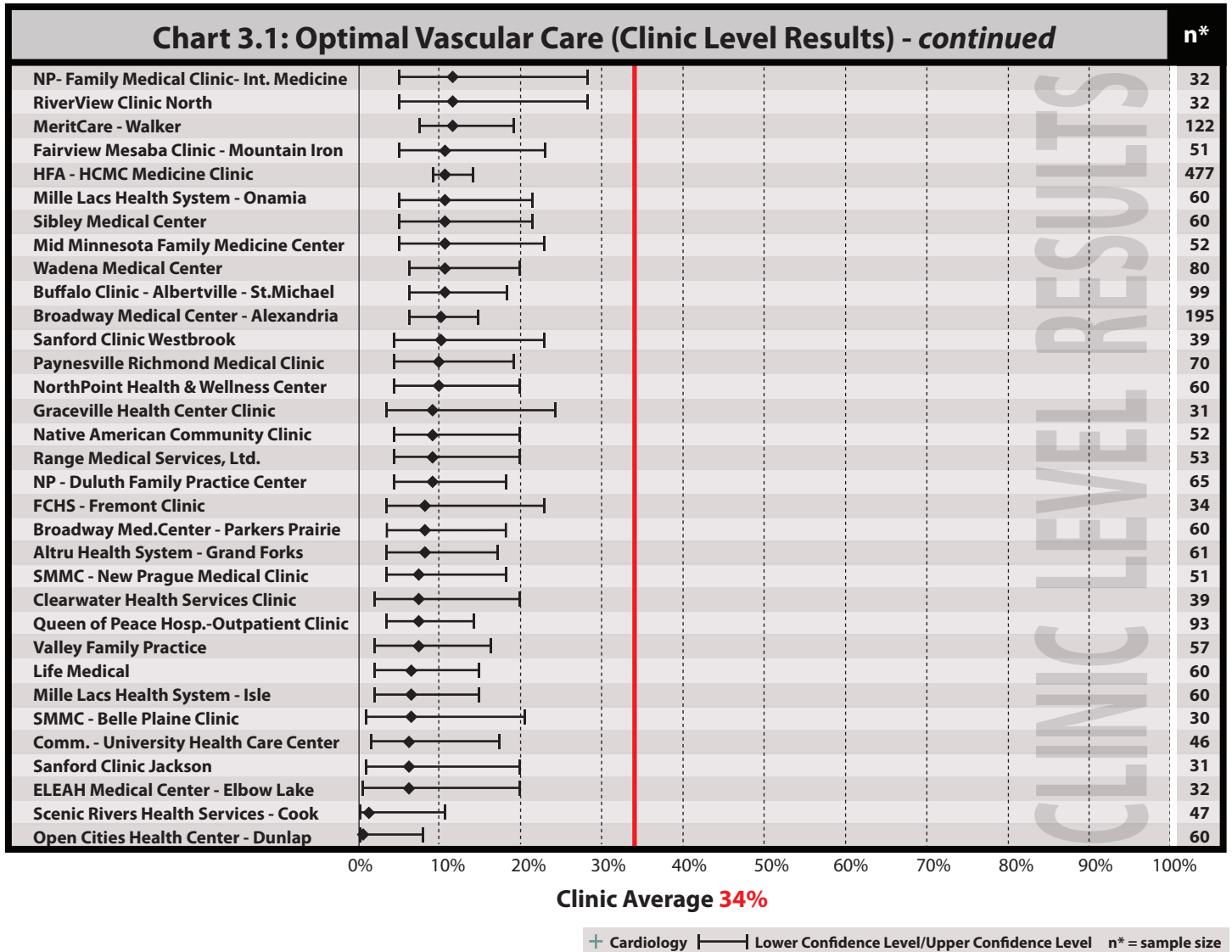
Chart 3.1: Optimal Vascular Care (Clinic Level Results) - continued



Clinic Average **34%**

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

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AHS - Allina Health System	HP - HealthPartners	OMC - Olmsted Medical Center	SMIHC - St. Mary's Innovis Health Clinic
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CLINIC LEVEL RESULTS

Living with Illness

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FCHS - Fremont Community HealthServices	NMC - North Memorial Clinic	STL - St. Luke's	WWMA - Western Wisconsin Medical Associates
		SMDC - St. Mary's Duluth Clinic	

Performance Highlights - Clinic Level 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
- 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 Specialties
- West Health Campus
- West St. Paul
- Woodbury

- 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

- Prairie Center
- Shakopee
- Shorewood
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

Quello Clinic

- Chanhassen
- Edina
- Lakeville

Richfield Medical Group

Southdale Internal Medicine, P.A.

St. Mary's/Duluth Clinic Health System

- Ashland
- Hayward

St. Paul Heart

Western Wisconsin Medical Associates

- Ellsworth Medical Clinic

Biggest Improvement from 2009-2010

The greatest improvements since report year 2009 in Optimal Vascular Care (clinic level results), with each achieving greater than a 22 percentage point increase, were made by:

- Aspen Medical Group-Bandana Square
- Aspen Medical Group-Highland
- Mayo Health System-Lake City
- MeritCare-New York Mills
- North Clinic-WestHealth Office in Plymouth

Performance Highlights - Clinic Level Results

Clinic Level Performance Over Time (2008-2010)

We reviewed the data to identify patterns of clinic 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.

The following twenty-nine clinics achieved consistently high performance and above average rates over the past three years 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
- 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

- Minnetonka Physicians

Northwest Family Physicians

- Crystal
- Plymouth
- Rogers

Park Nicollet Health Services

- Plymouth
- Wayzata

Quello Clinic

- Lakeville

Richfield Medical Group

Silver Lake Clinic

- St. Anthony

St. Mary's/Duluth Clinic Health System

- Ashland
- Aurora
- DC Lakeside
- Hayward
- Spooner
- Superior
- Virginia

University of Minnesota Physicians

- Broadway Family Medicine

Performance Highlights - Clinic Level Results

Clinic Level 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

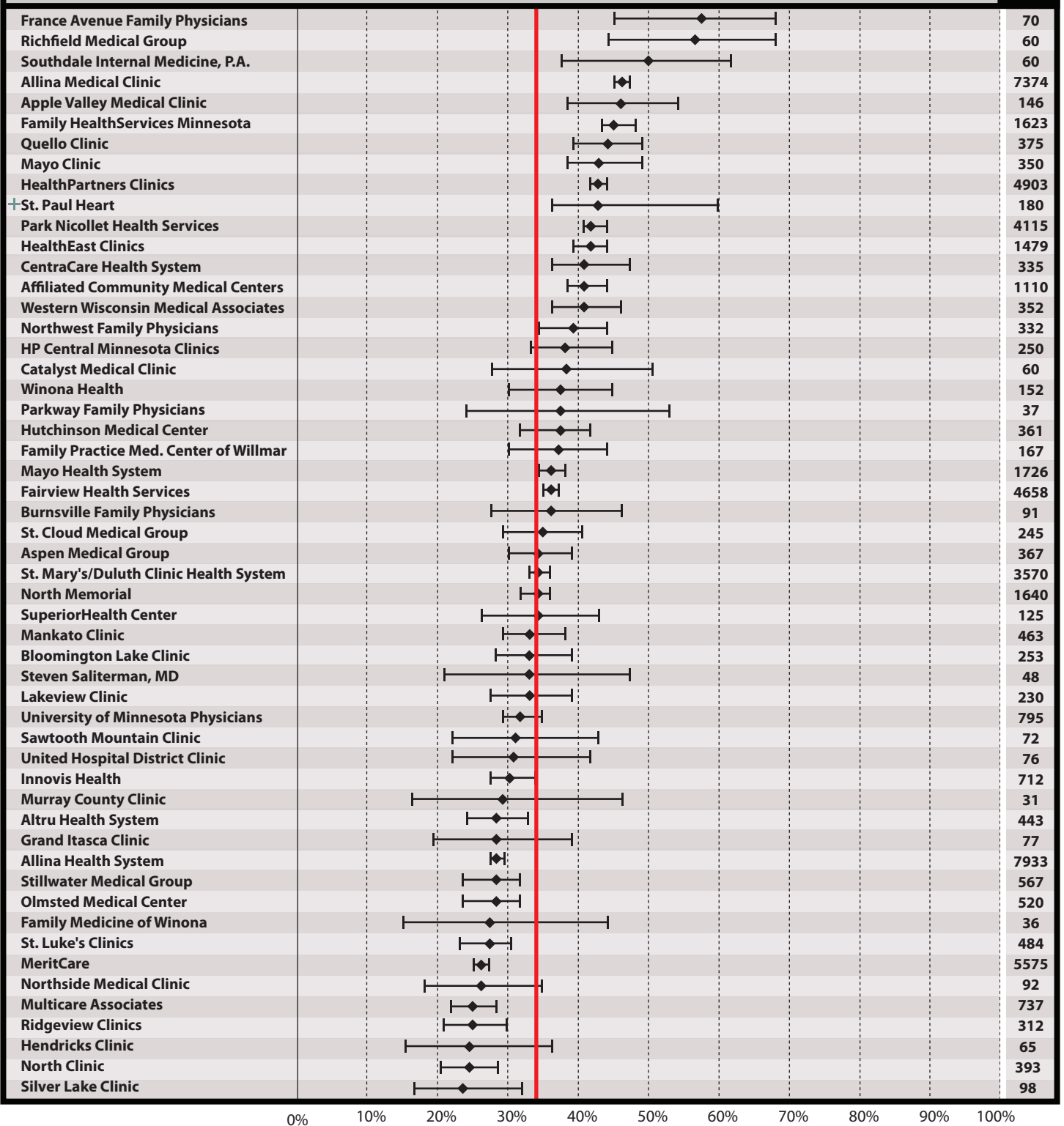
- Curve Crest Clinic

Western Wisconsin Medical Associates

- River Falls Medical Clinic

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

Chart 3.2: Optimal Vascular Care (Clinic Level Results by Medical Group)

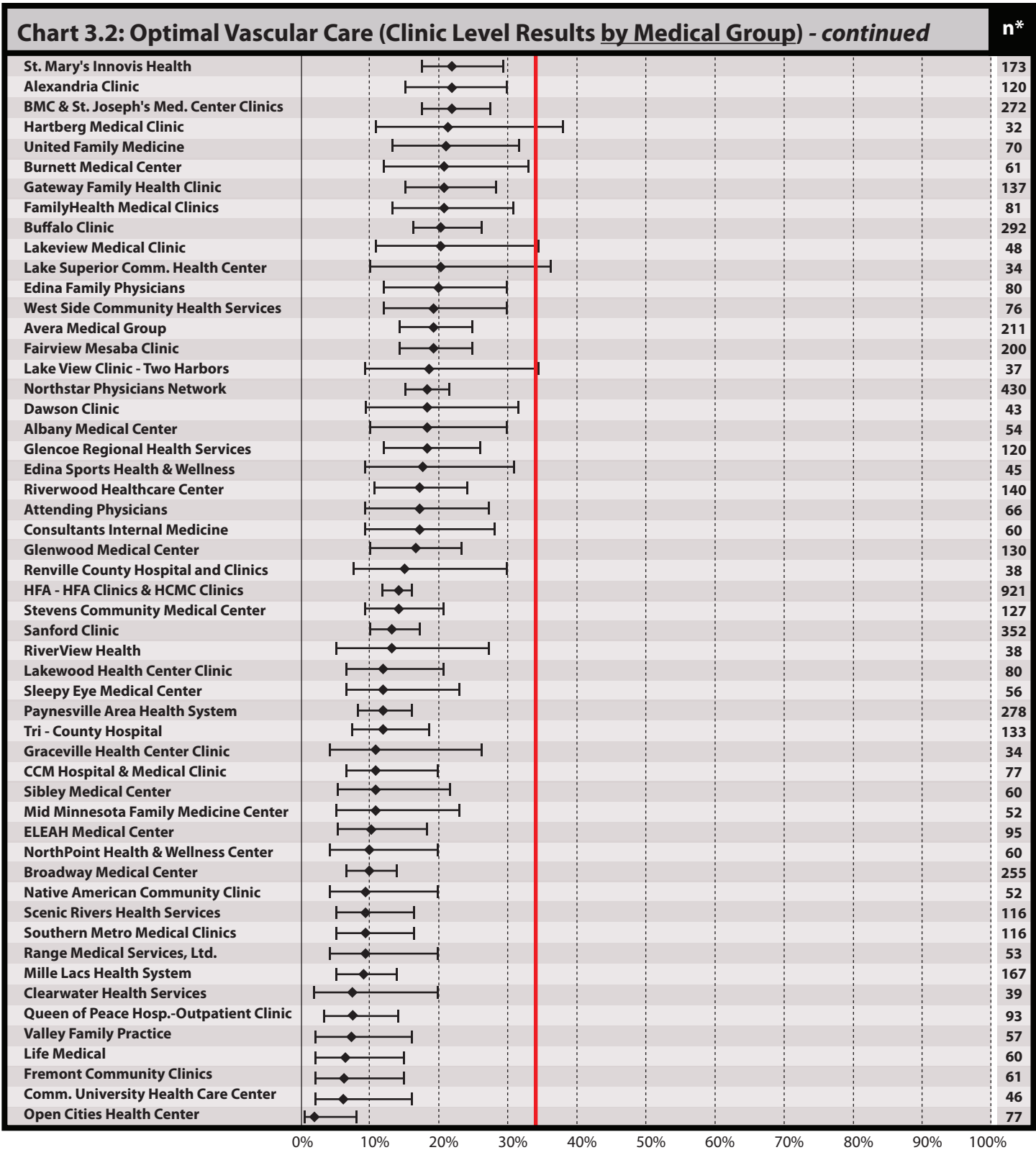


Medical Group Average 34%

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

HFA - Hennepin Faculty Associates
HP - Health Partners

Living with Illness



+ 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 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 six medical groups achieved consistently high performance and above average rates over the past three years for Optimal Vascular Care:

- Fairview Health Services
- Family HealthServices 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 relatively stable over three years:

- 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.

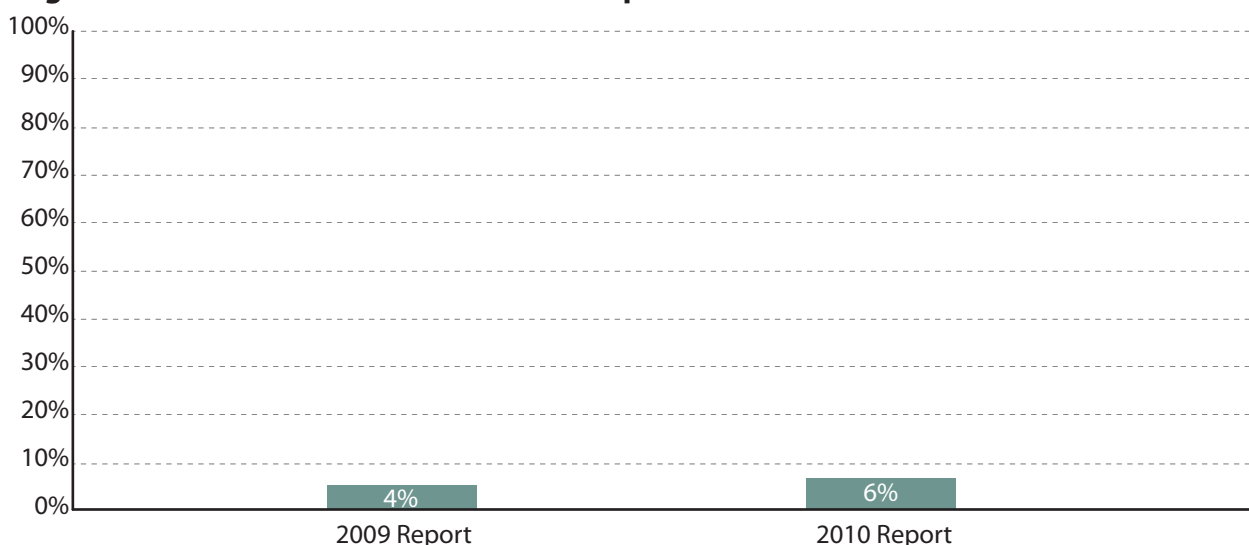
The statewide rate for Depression Care: Remission at Six Months at the clinic level is 5.8 percent. Table 4 displays the details of this statewide rate at the clinic level. Figure 4 displays the statewide rates over time. Since last year, there has been an increase for this rate. Chart 4 provides the 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 MNMCM 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

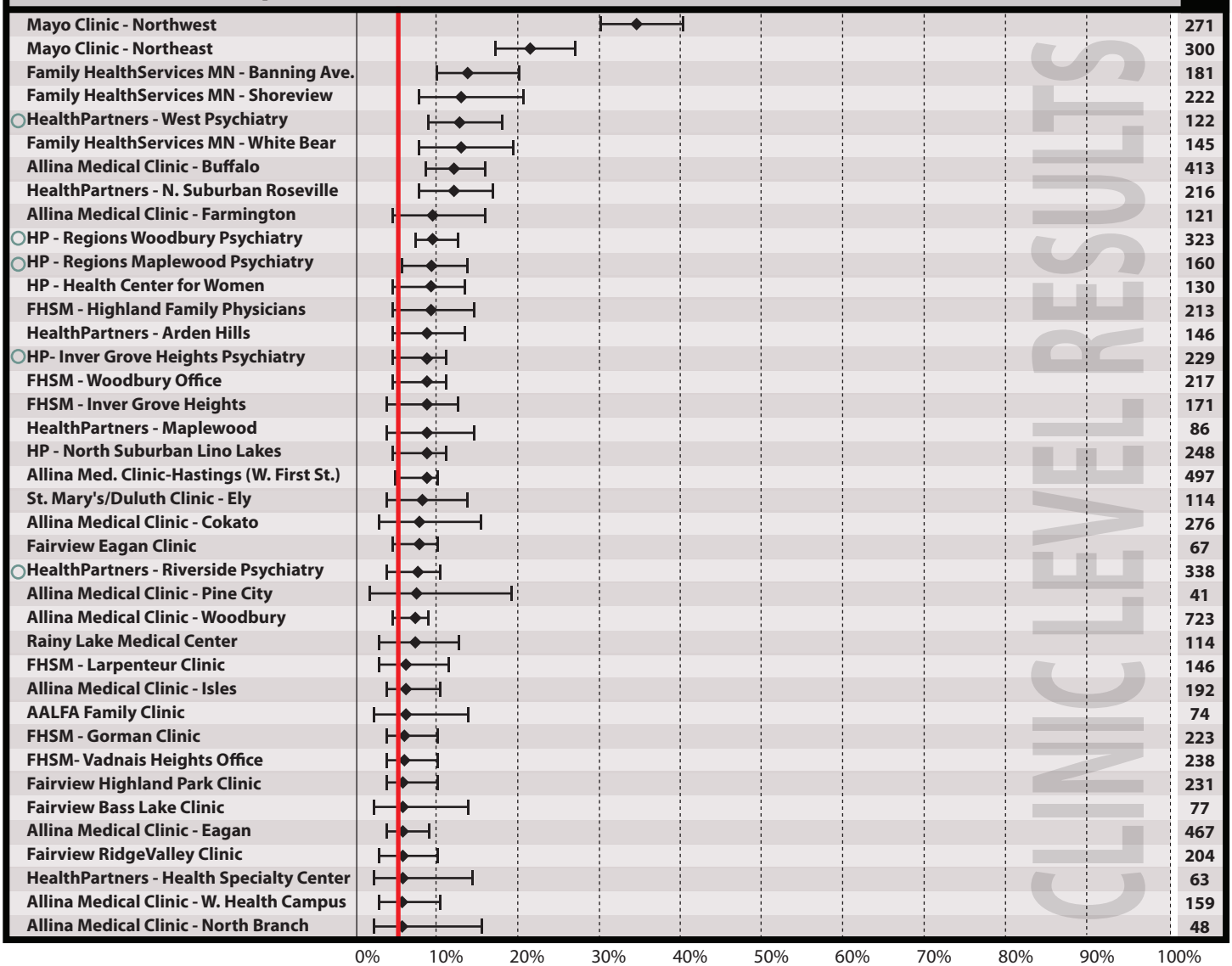
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Depression: Remission at Six Months	5.8%	5.5%-6.1%	1,383	23,887

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



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 4: Depression Care (Clinic Level Results) - remission at six months

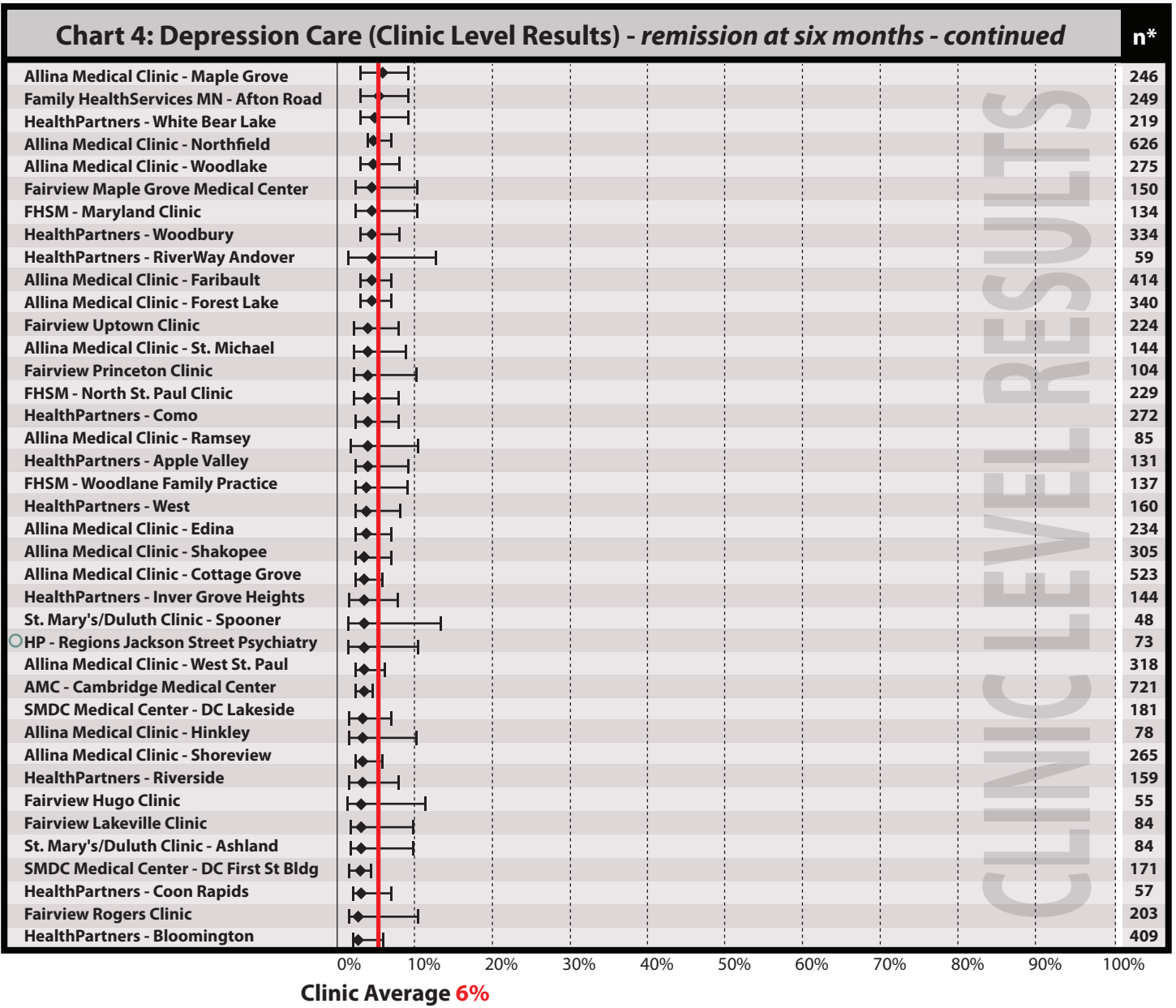


Clinic Average 6%

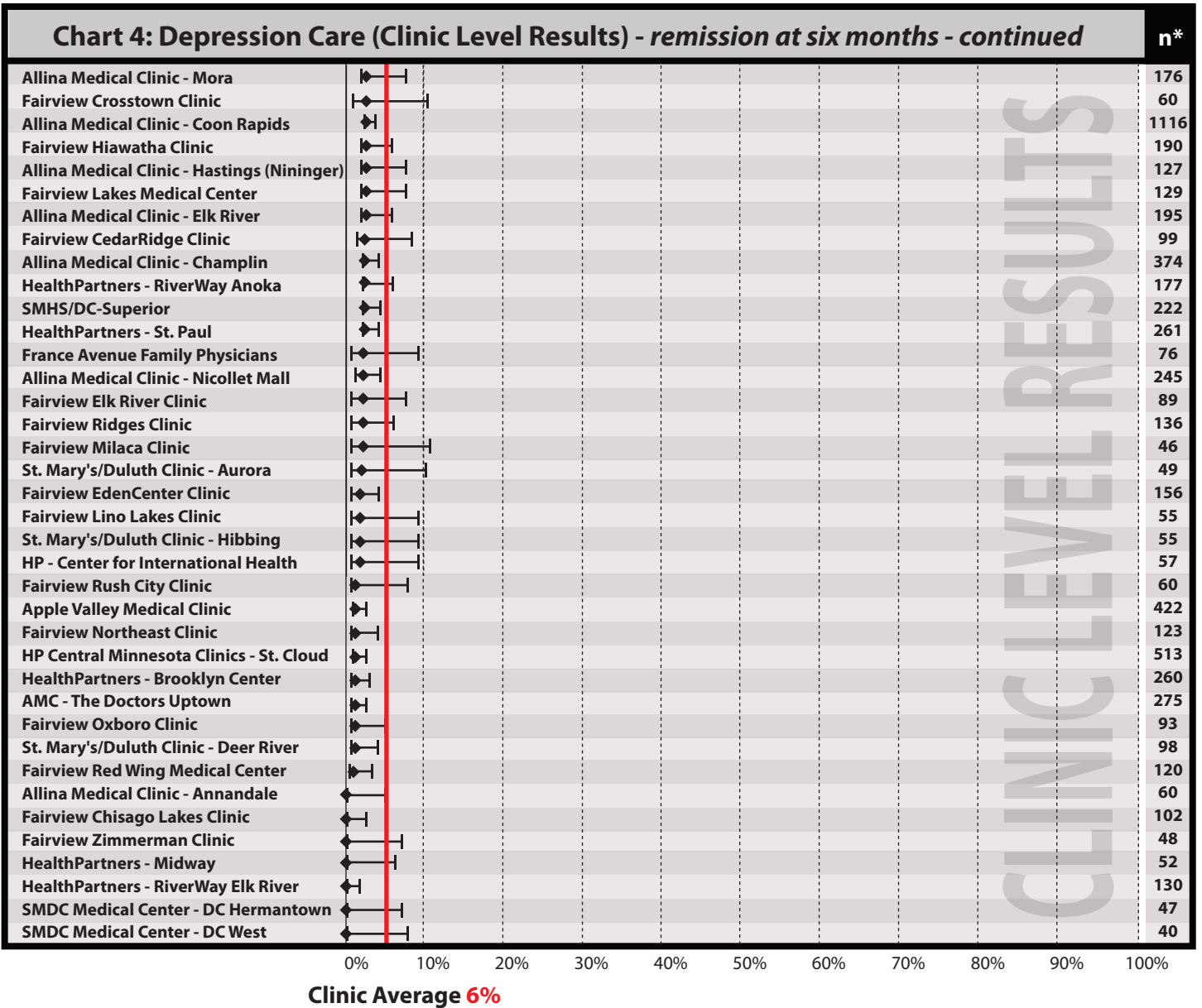
○ Psychiatry | — Lower Confidence Level/Upper Confidence Level n* = 6 Month Remission Denominator

AMC - Allina Medical Clinic
 FHSM - Family HealthServices Minnesota
 HP - HealthPartners

Living with illness



AMC - Allina Medical Clinic
FHSM - Family HealthServices Minnesota
HP - HealthPartners



CLINIC LEVEL RESULTS

Living with Illness

AMC - Allina Medical Clinic
 FHSM - Family HealthServices Minnesota
 HP - HealthPartners

Performance Highlights - Clinic Level 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 MNMCM by medical groups and clinics from electronic health records or paper-based medical charts.

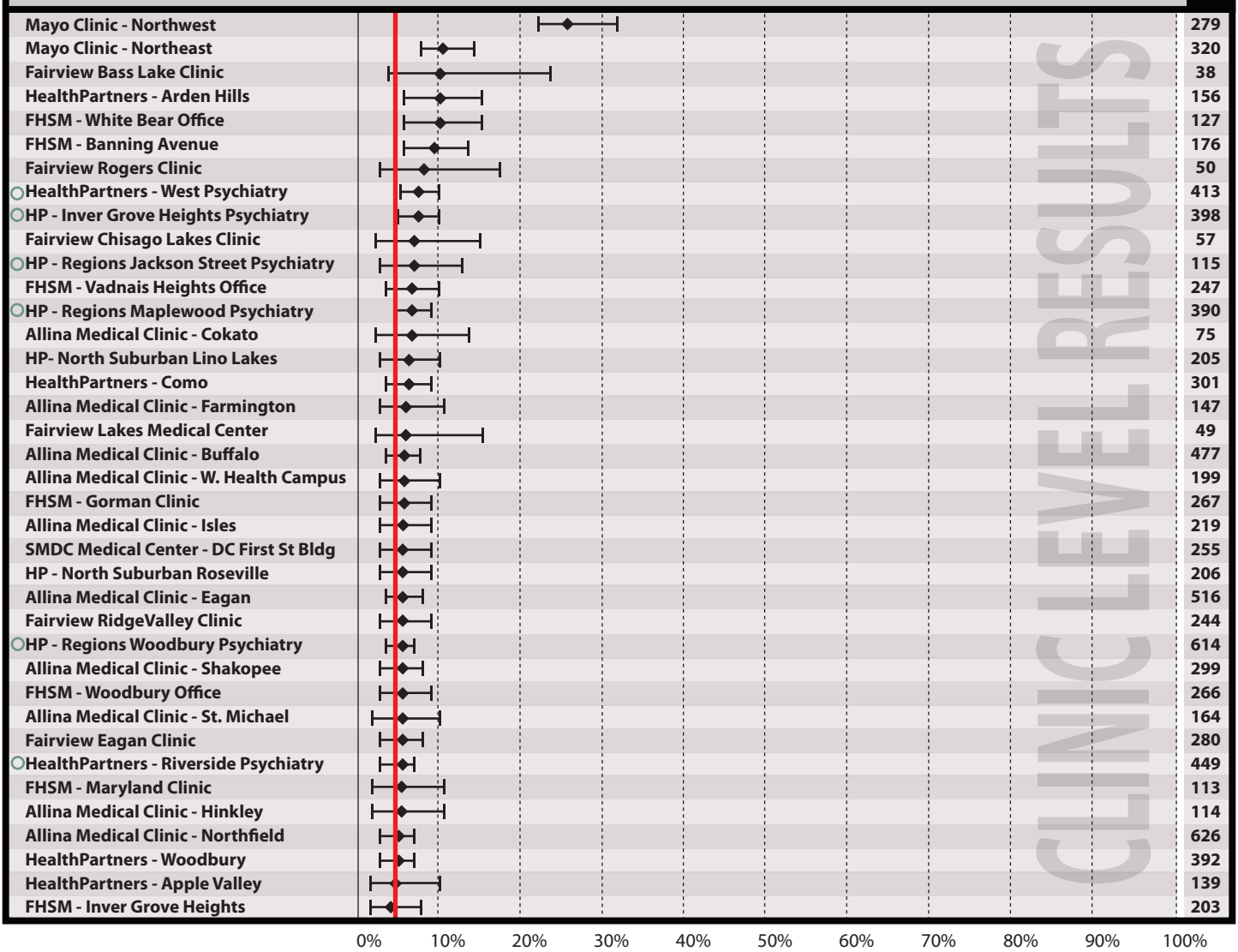
Table 5: Statewide Clinic Level Rate for Depression Care: Remission at Twelve Months

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

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

Chart 5: Depression Care (Clinic Level Results) - remission at twelve months

n*



Clinic Average 5%

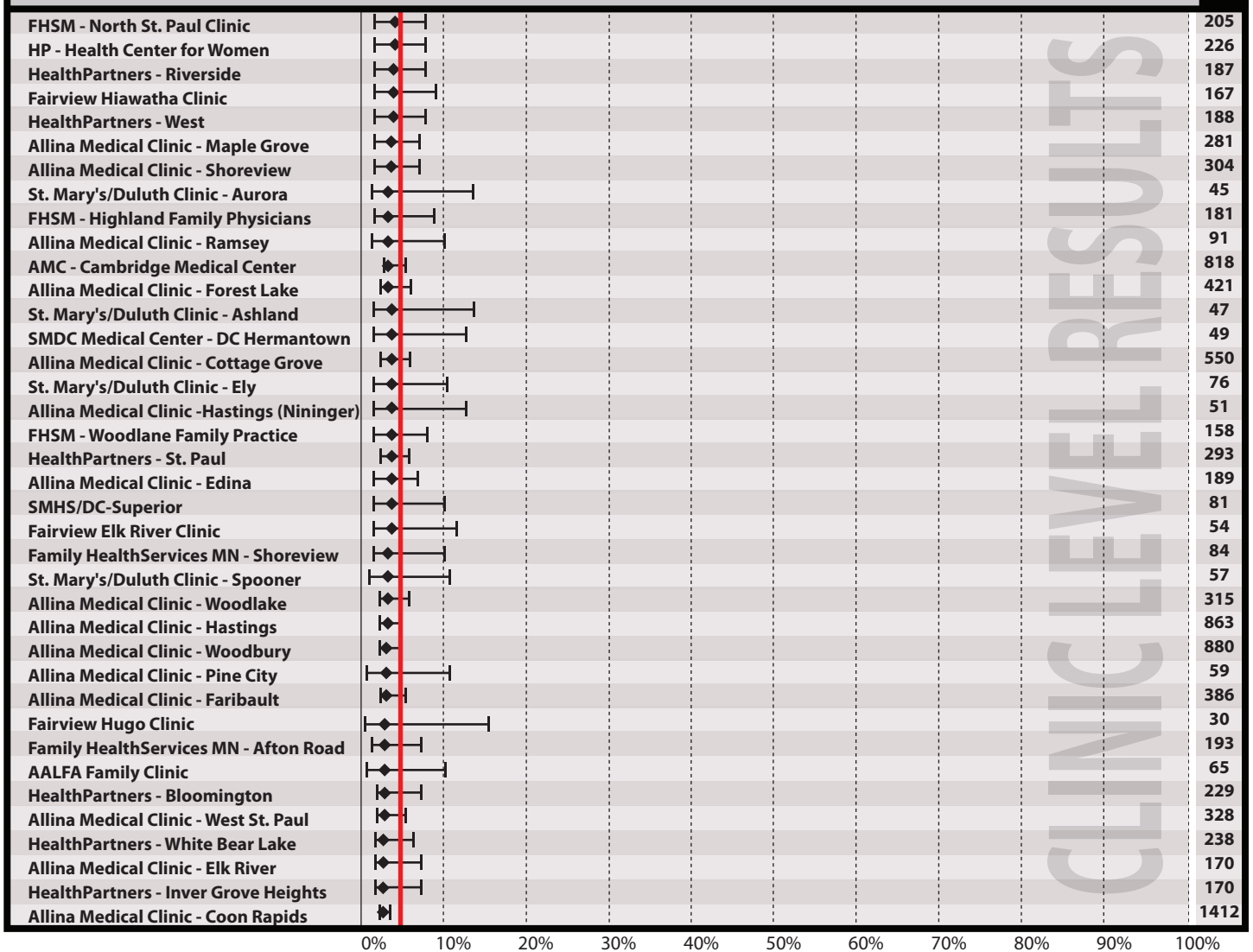
○ Psychiatry | — Lower Confidence Level/Upper Confidence Level n* = 12 Month Remission Denominator

AMC - Allina Medical Clinic
 FHSM - Family HealthServices Minnesota
 HP - HealthPartners

Living with Illness

Chart 5: Depression Care (Clinic Level Results) - remission at twelve months - continued

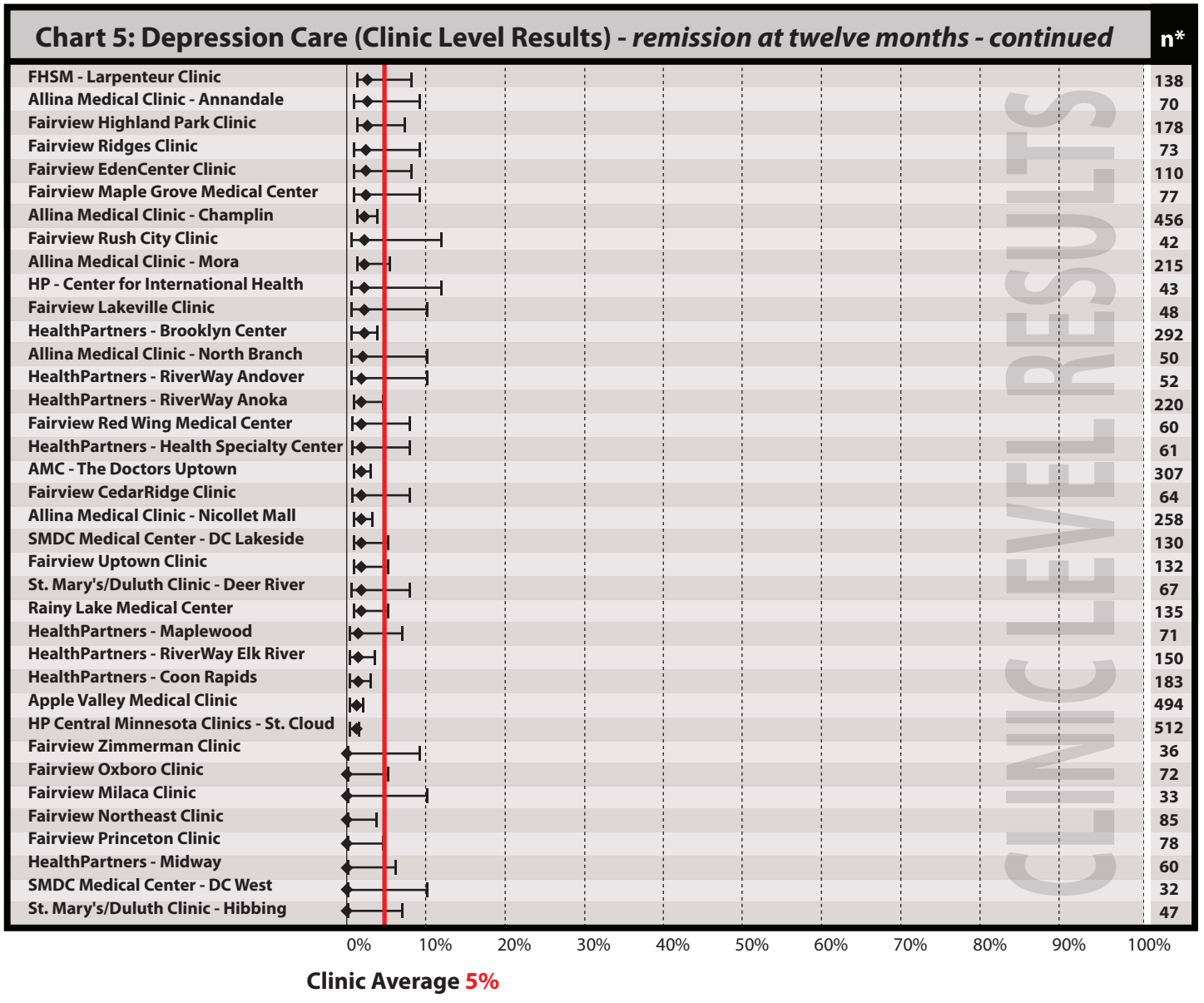
n*



Clinic Average 5%

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

AMC - Allina Medical Clinic
 FHSM - Family HealthServices Minnesota
 HP - HealthPartners



AMC - Allina Medical Clinic
 FHSM - Family HealthServices Minnesota
 HP - HealthPartners

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*

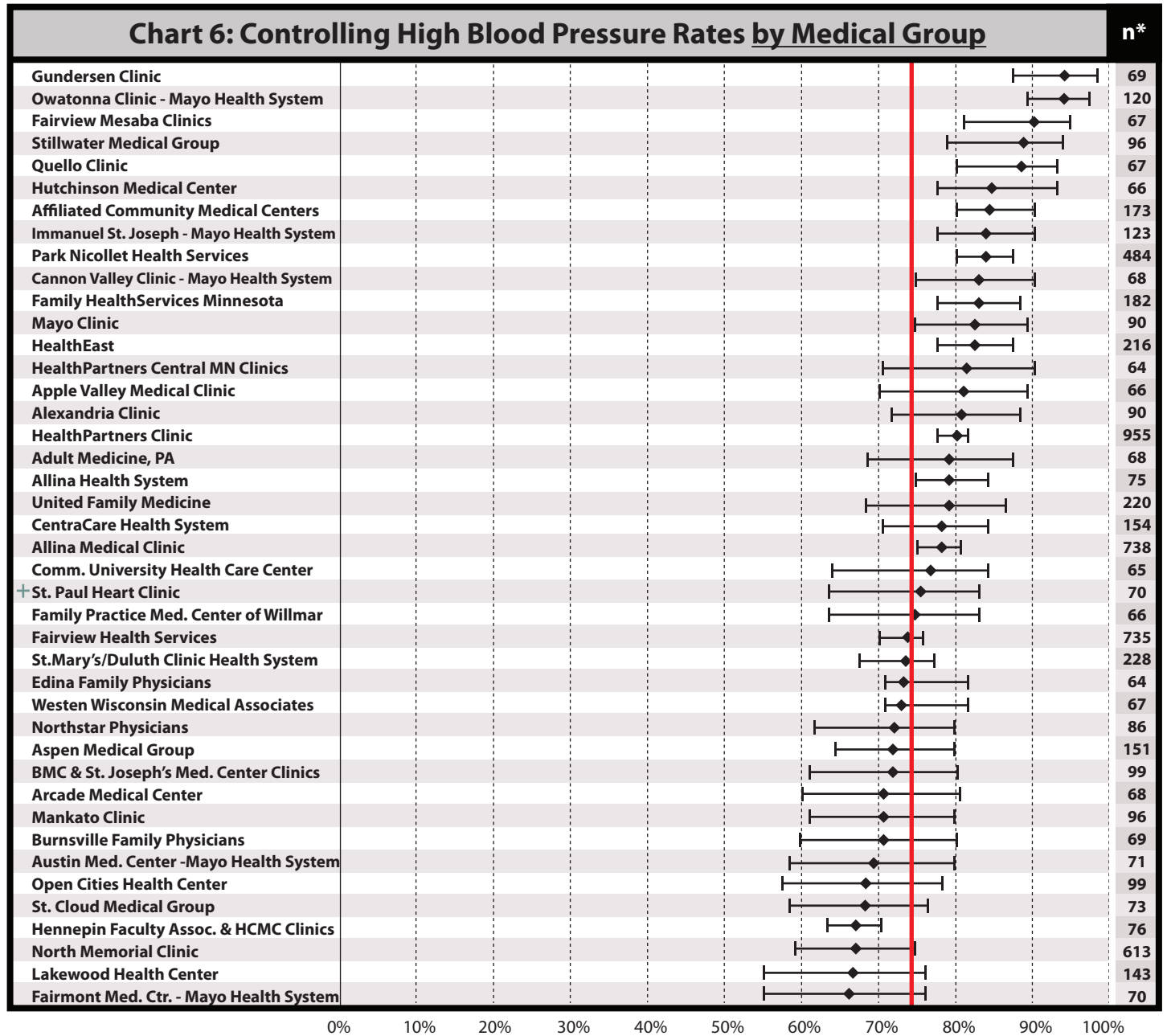
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
BP <140/90 mmHg	72.4%	71.6%-73.2%	8,305	12,343	148,005

*Statewide Average (above) includes those patients attributed 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.



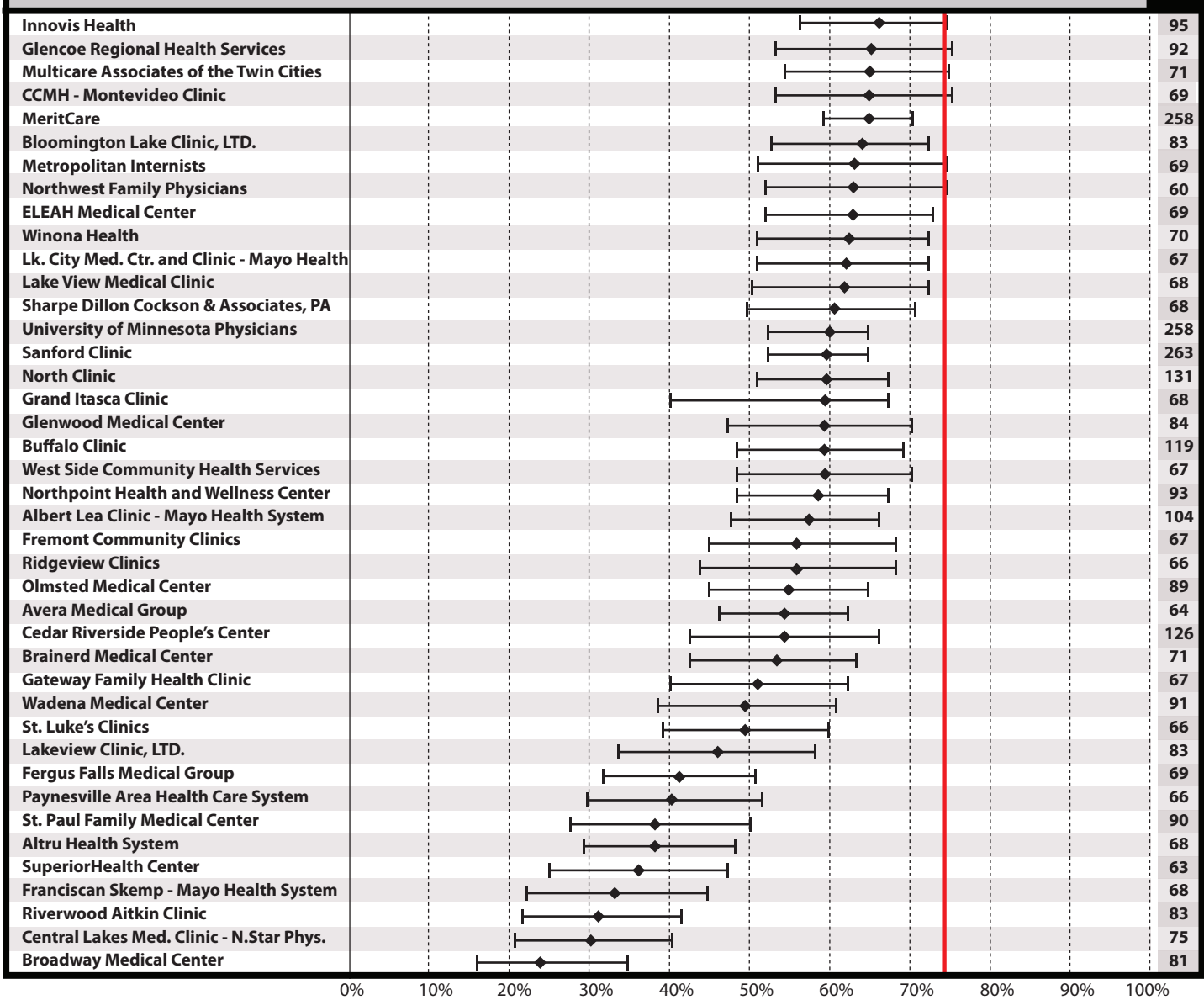
Medical Group Average 73%

+ 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 Pressure Rates by Medical Group - continued

n*



Medical Group Average **73%**

+ 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.

Performance Highlights - Medical Group Level Results

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
- HealthEast
- 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

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 four medical groups achieved consistently high performance and above average rates over the past three years for Controlling High Blood Pressure:

- Allina Medical Clinic
- Family HealthServices 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.

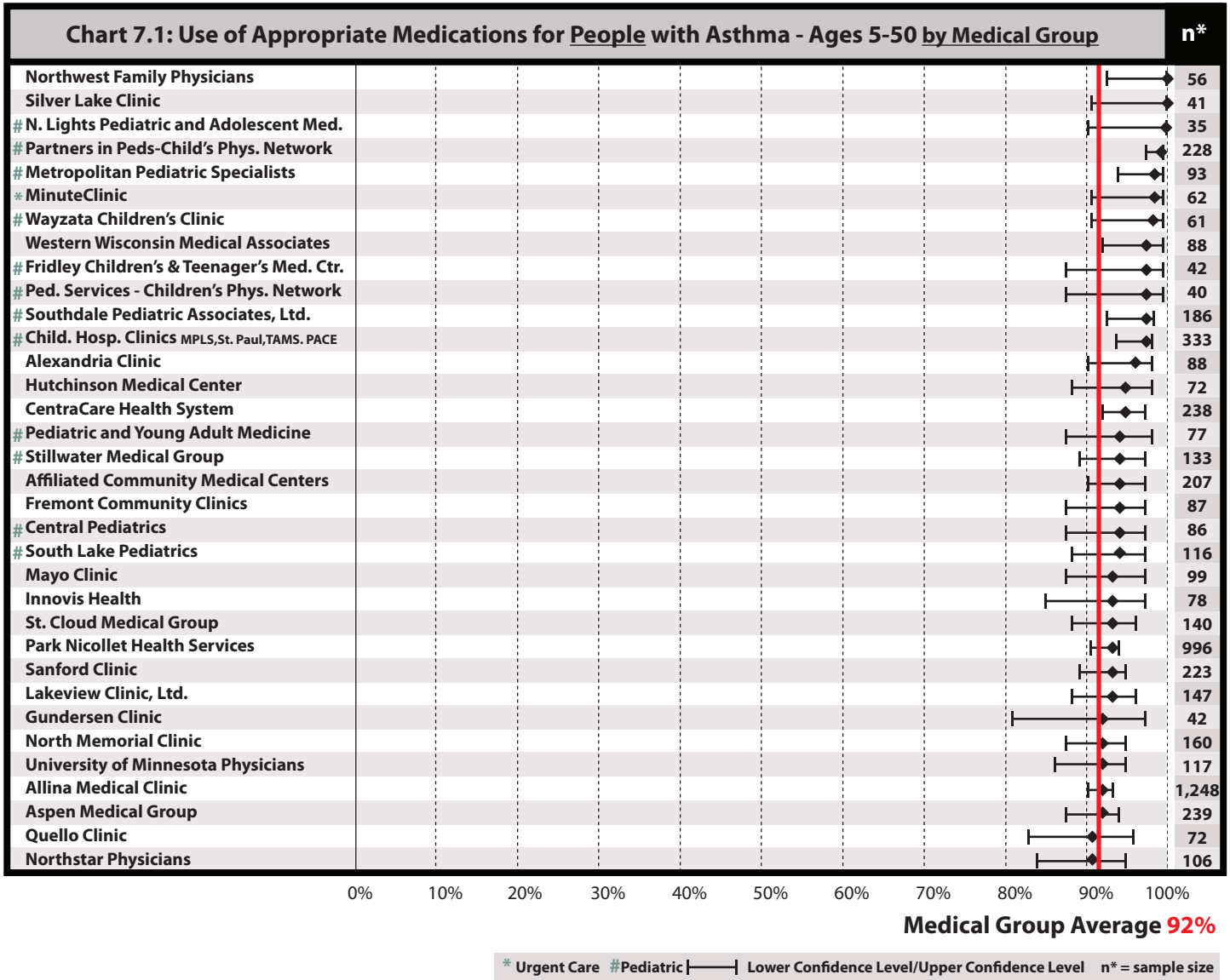
Data collected for this measure are from health plan claims.

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

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

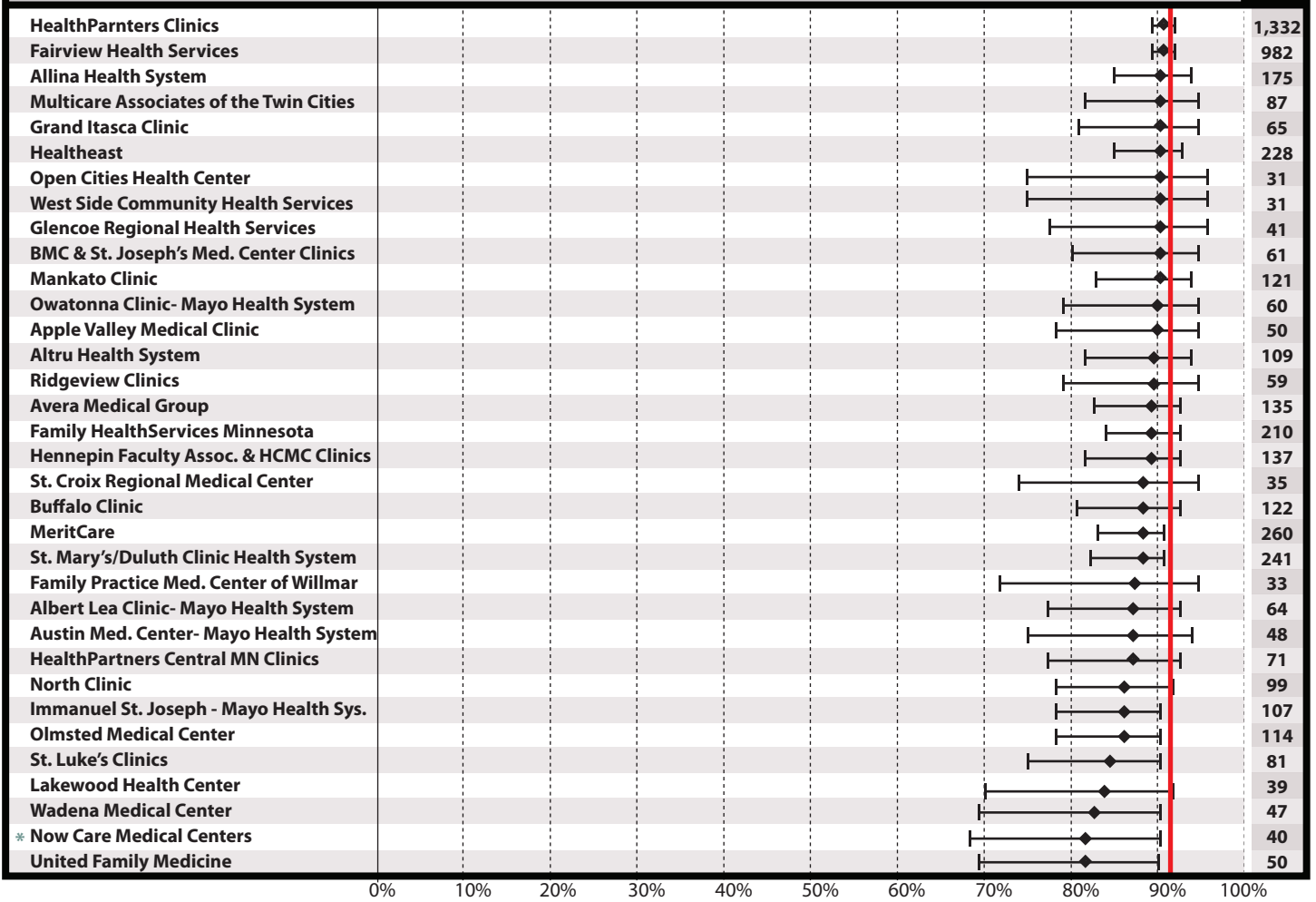
*Statewide Average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

No trend chart. Measurement specifications changed since last year.



* 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 7.1: Use of Appropriate Medications for People with Asthma - Ages 5-50 by Medical Group - continued n*



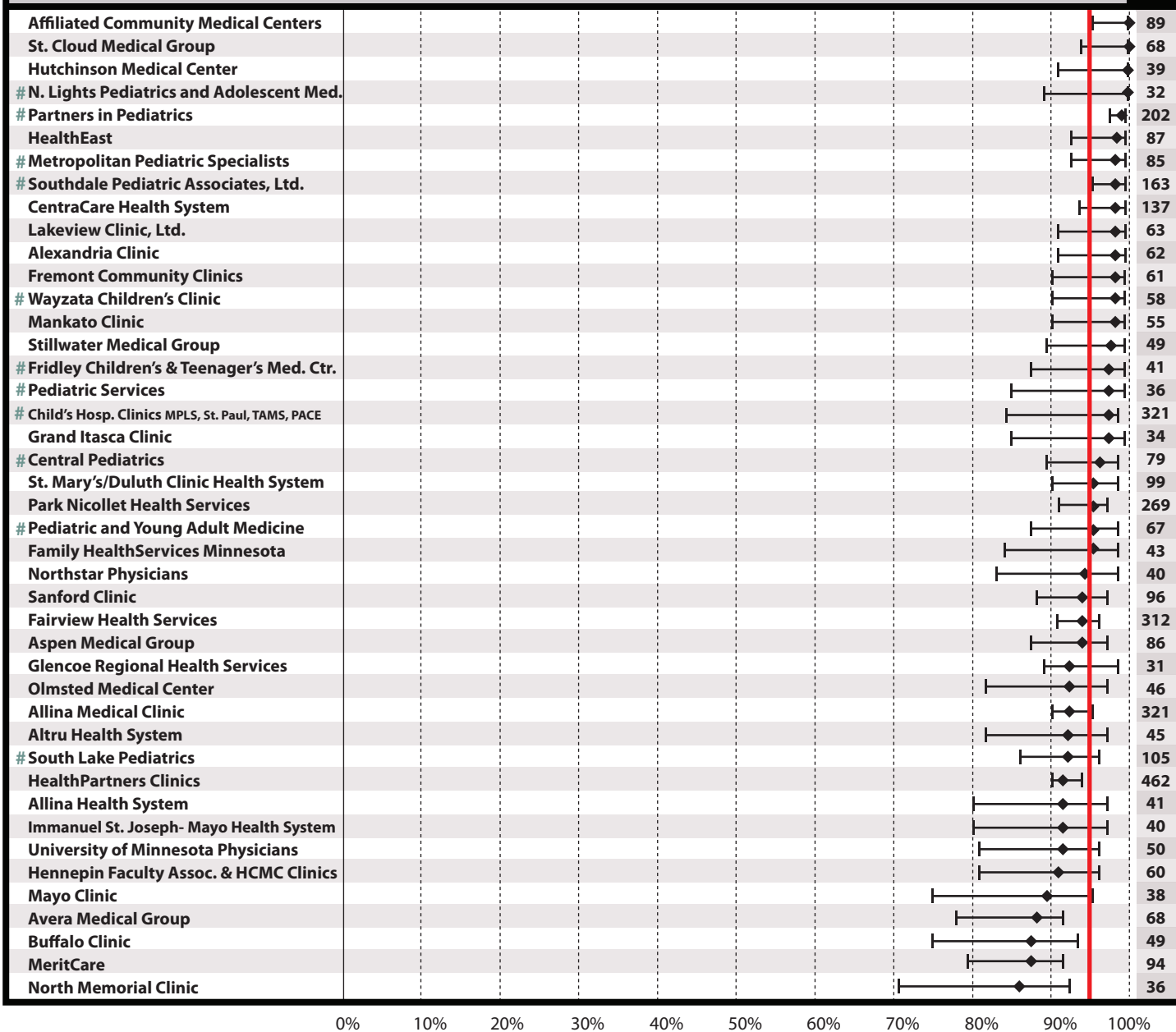
Medical Group Average 92%

* 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.

Chart 7.2: Use of Appropriate Medications for Children with Asthma - Ages 5-17 by Medical Group

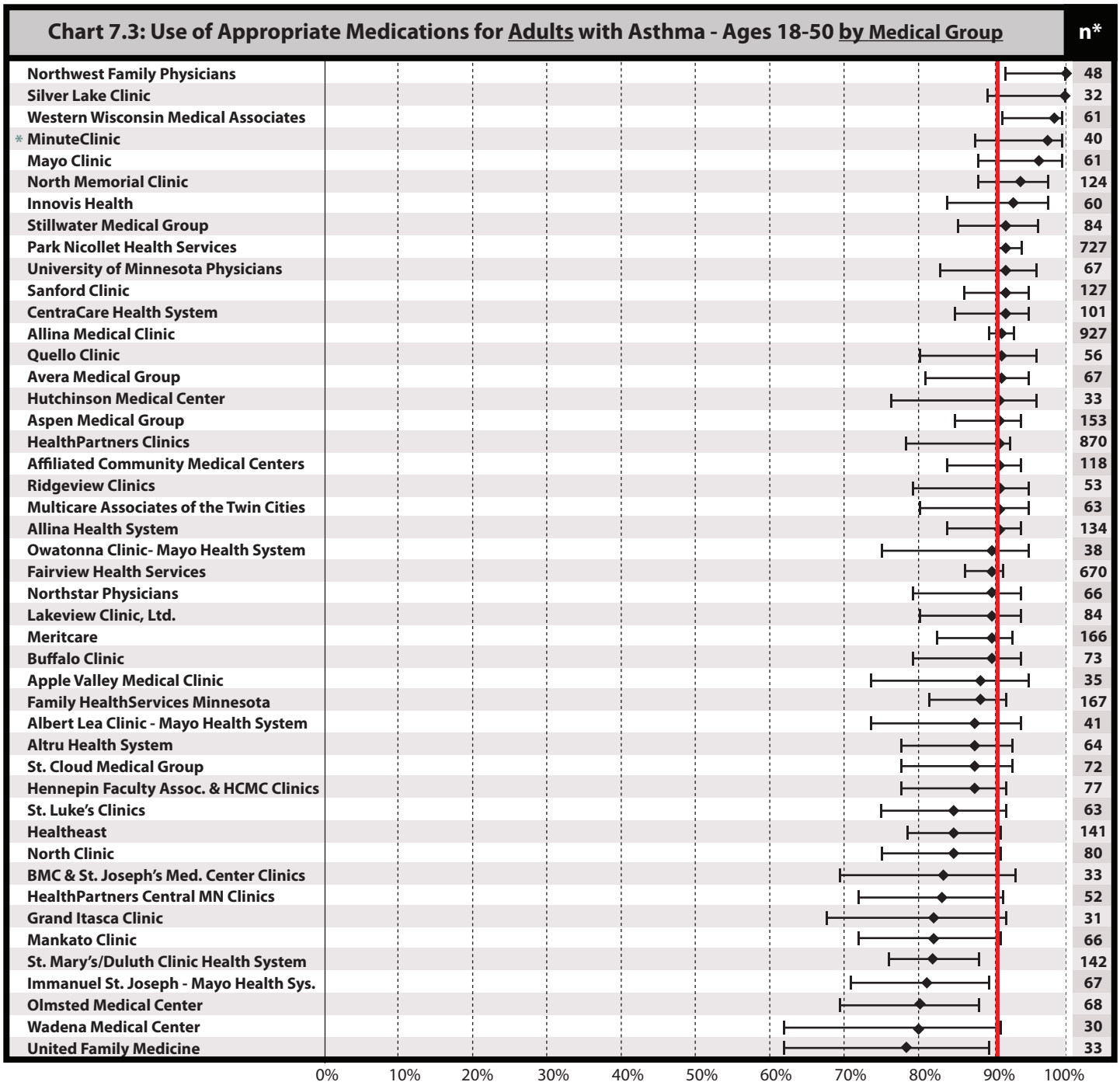
n*



Medical Group Average 95%

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.



Medical Group Average 90%

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.

Performance Highlights - Medical Group Level Results

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 and Diagnosis of COPD*

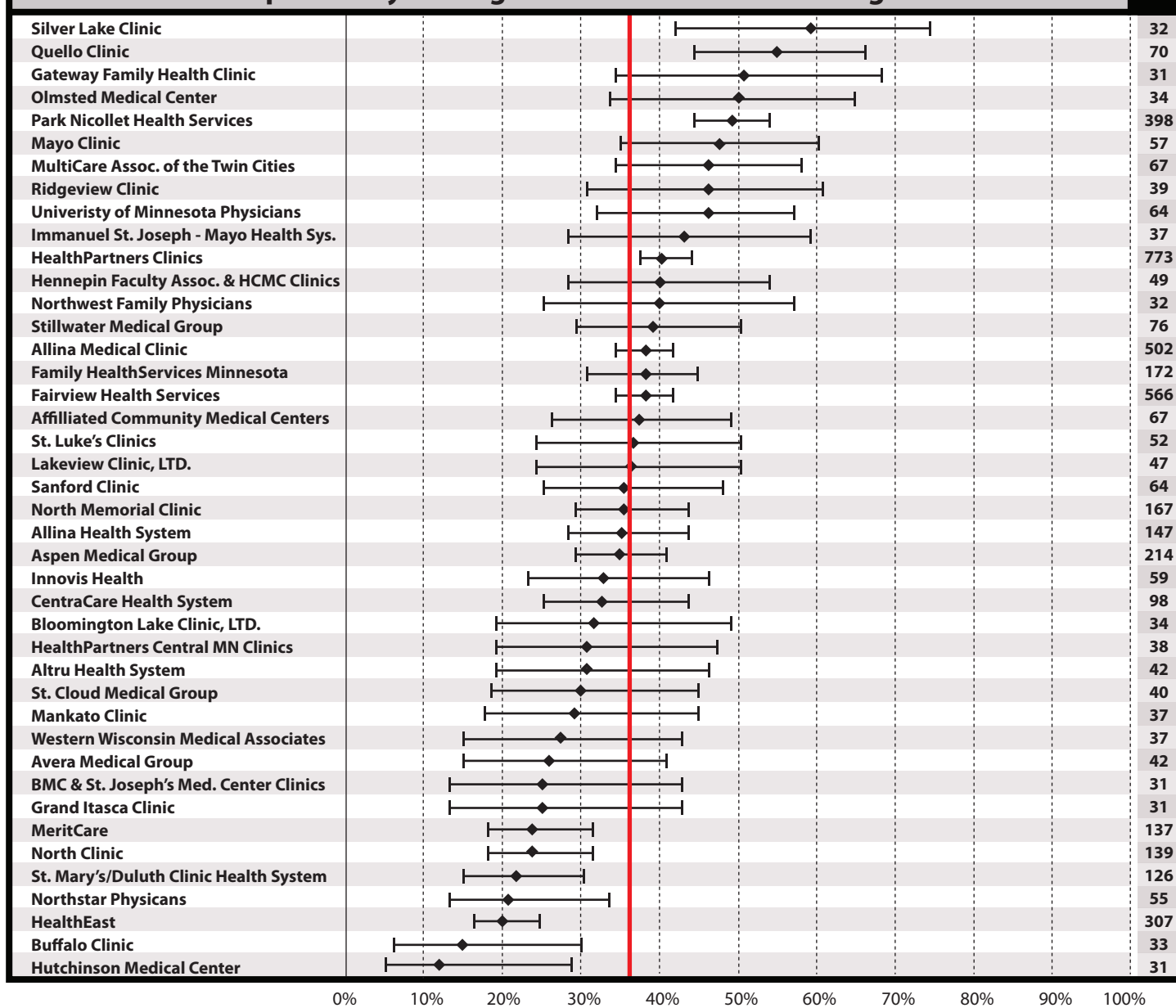
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Spirometry Testing in the Assessment and Diagnosis of COPD	34.5%	33.4%-35.6%	2,349	6,811

*Statewide Average (above) includes those patients attributed 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

Chart 8: Use of Spirometry Testing in the Assessment and Diagnosis of COPD

n*



Medical Group Average 36%

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

Living with Illness

Performance Highlights - Medical Group Level Results

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 not 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).

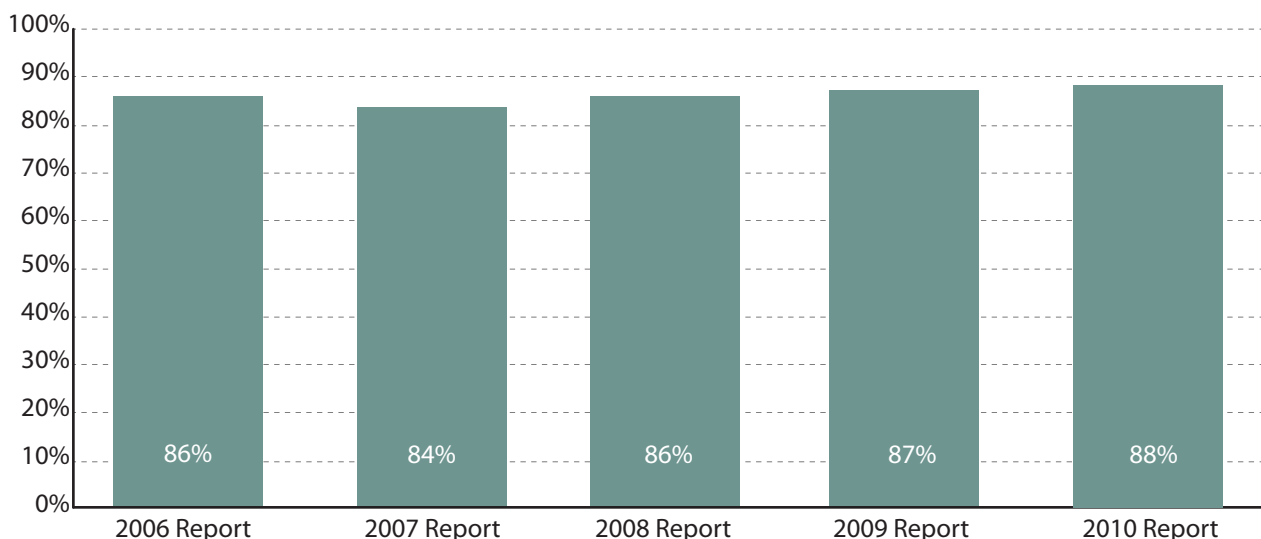
Data collected for this measure are from health plan claims. Note: A higher rate indicates appropriate treatment of children with URI (i.e., the proportion for whom antibiotics were not prescribed).

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

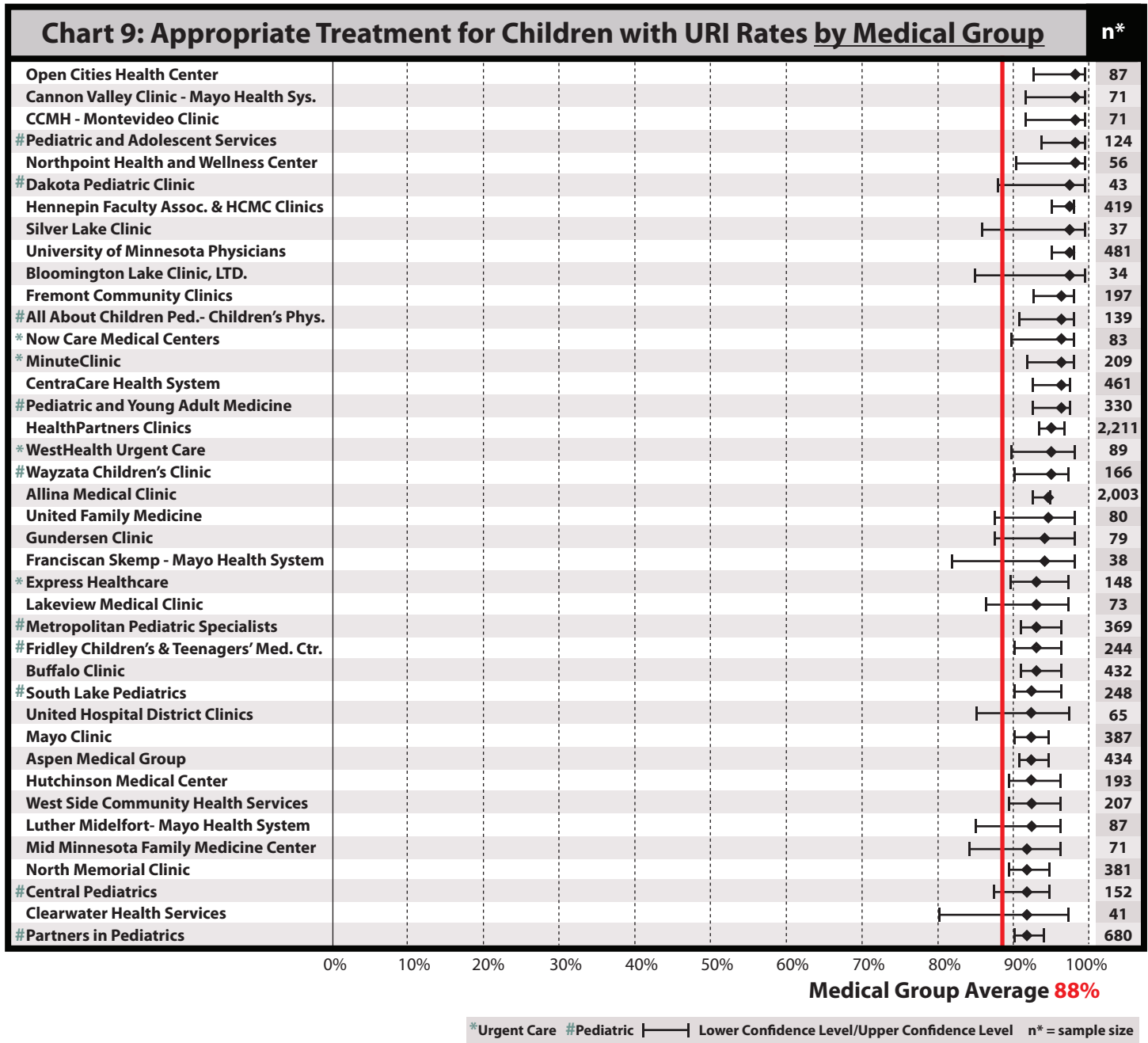
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Appropriate Treatment for Children with Upper Respiratory Infection	87.6%	87.3%-88.0%	32,133	36,674

*Statewide Average (above) includes those patients attributed 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

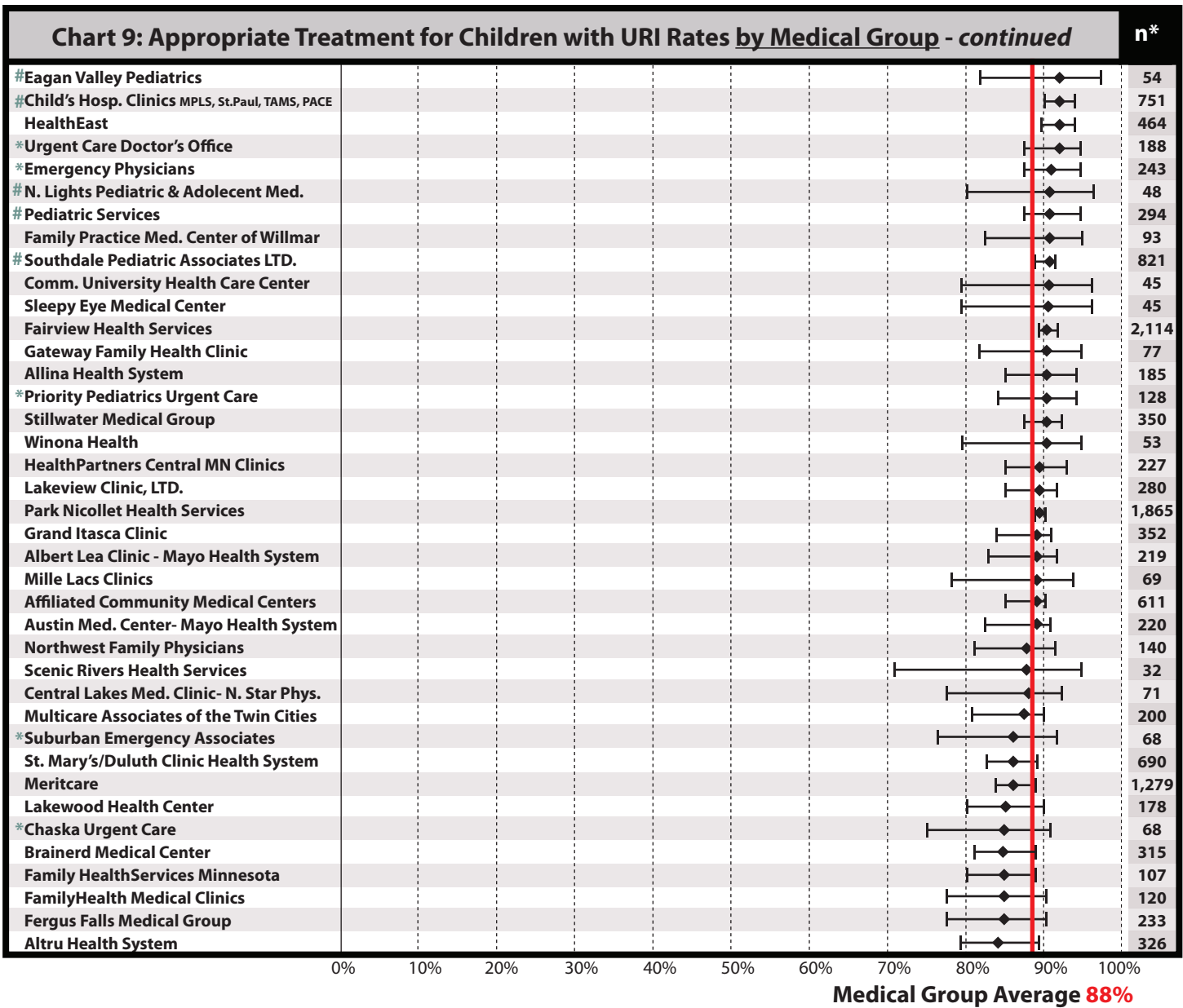


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



Getting Better

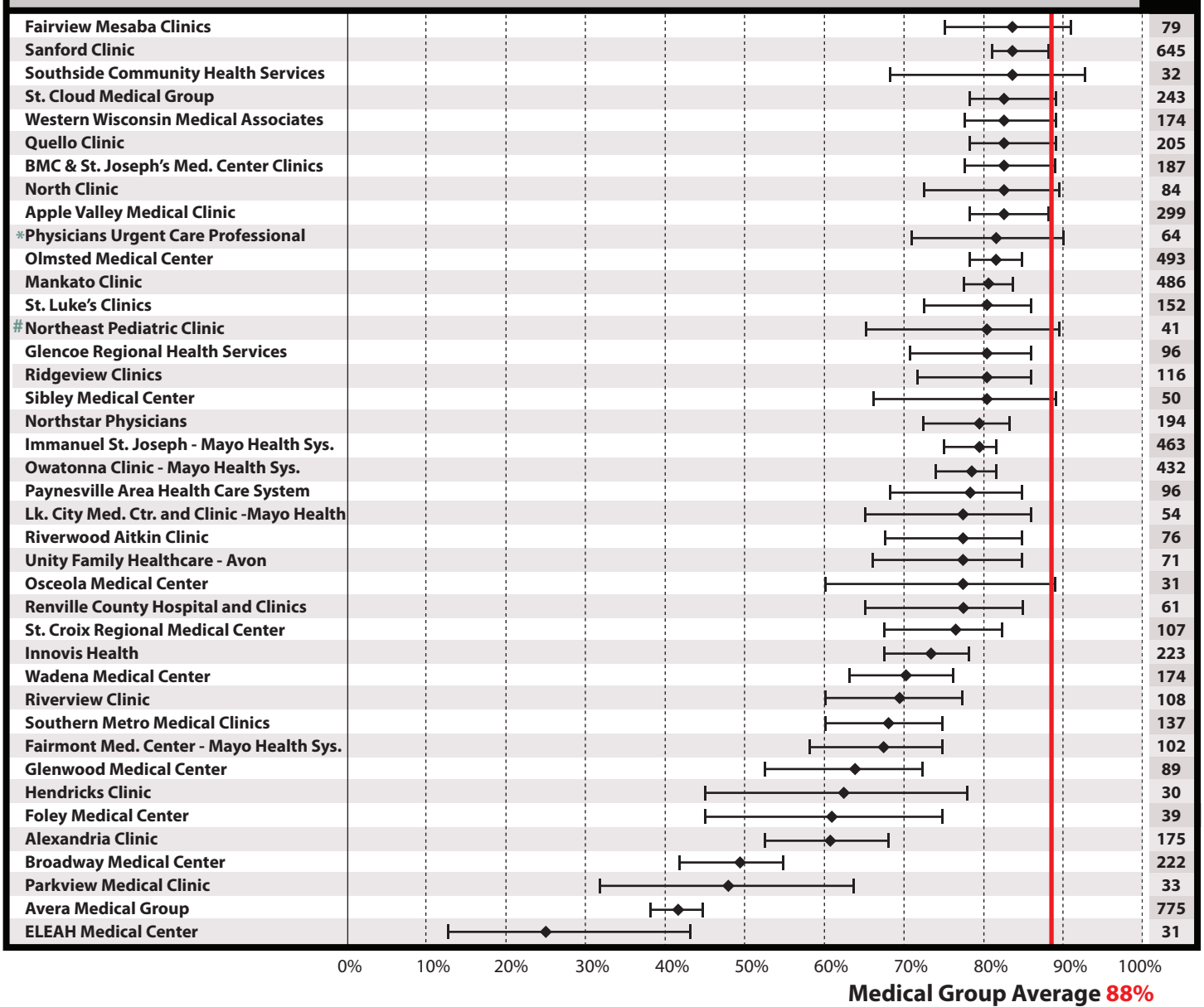
* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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



* 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 9: Appropriate Treatment for Children with URI Rates by Medical Group - continued

n*



Medical Group Average **88%**

Urgent Care #Pediatric | Lower Confidence Level/Upper Confidence Level n = sample size

Getting Better

* 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.

Performance Highlights - Medical Group Level Results

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.

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 eleven medical groups achieved consistently high performance and above average rates over the past three years 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 relatively stable over three years:

- | | |
|----------------------------|--------------------------------------|
| • Buffalo Clinic | • Northwest Family Physicians |
| • Fairview Health Services | • Olmsted Medical Group |
| • HealthEast | • Park Nicollet Health Services |
| • HealthPartners Clinics | • Stillwater Medical Group |
| • Mankato Clinic | • University of Minnesota Physicians |
| • North Memorial Clinic | |

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 and 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).

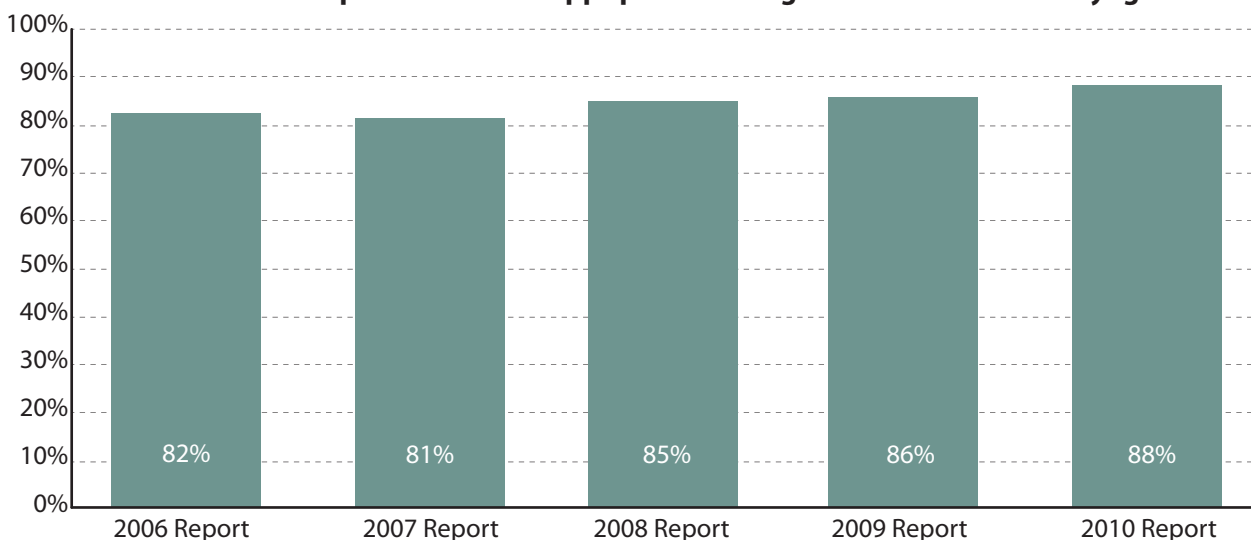
Data collected for this measure are from health plan claims. Note: A higher rate represents better performance (i.e., appropriate testing prior to prescription of an antibiotic).

Table 10: Statewide Medical Group Level Rate for Appropriate Testing for Children with Pharyngitis*

	Statewide Average	95% CI	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 attributed to a medical group AND those who could not be attributed to a medical group.

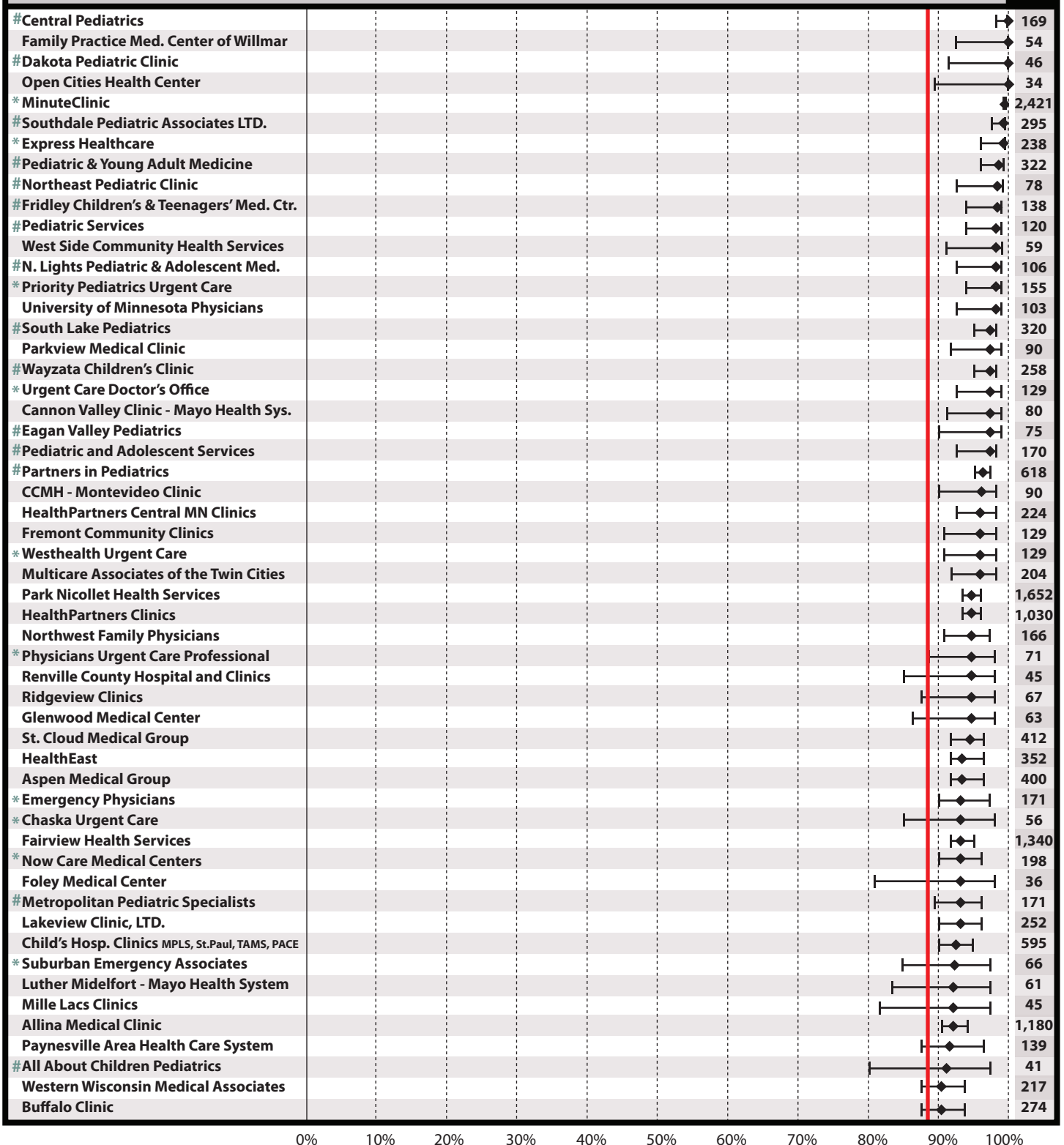
Figure 10: Statewide Medical Group Level Rate for Appropriate Testing for Children with Pharyngitis Over Time



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.

Chart 10: Appropriate Testing for Children with Pharyngitis Rates by Medical Group

n*



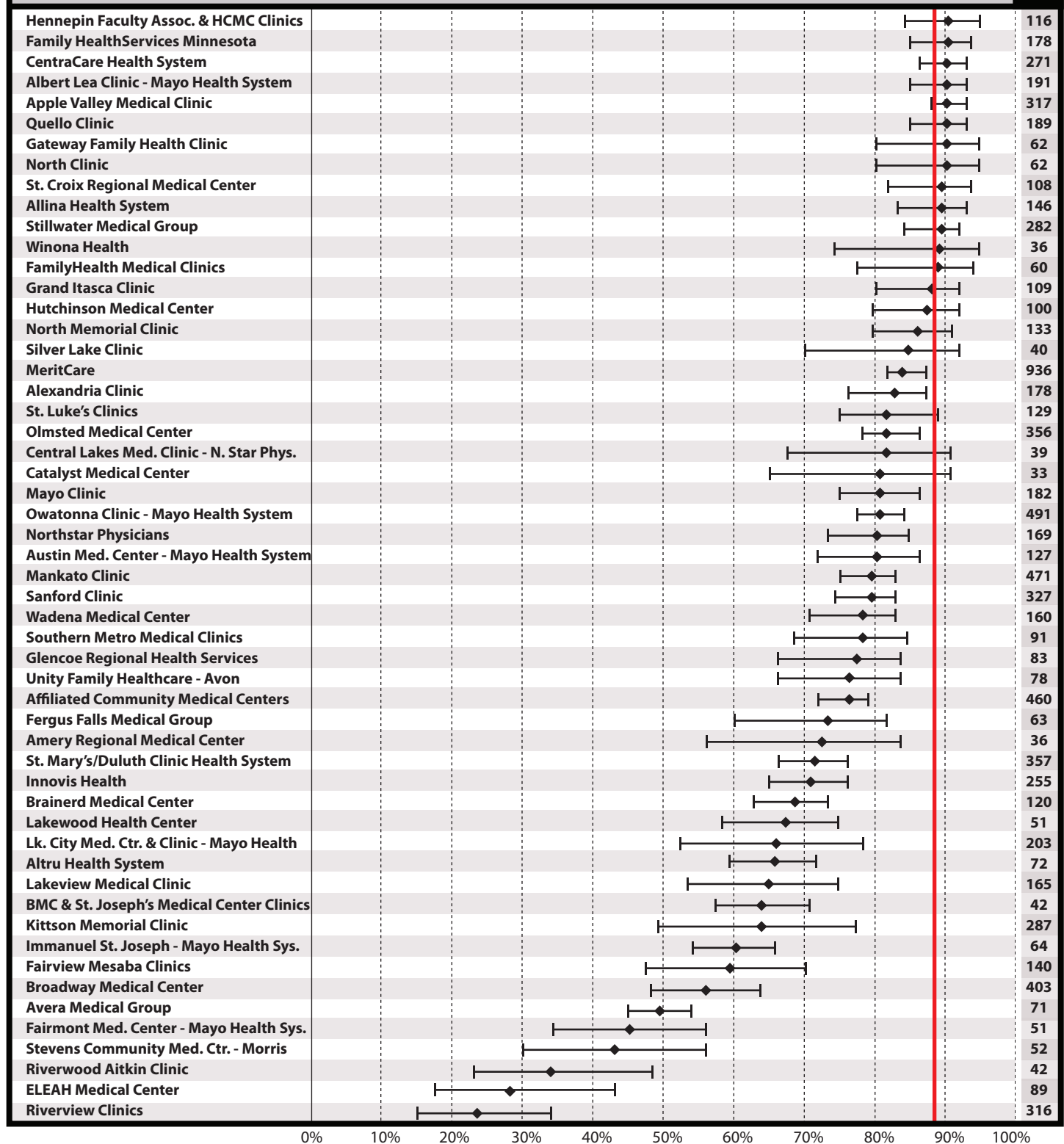
Medical Group Average 88%

Urgent Care #Pediatric | Lower Confidence Level/Upper Confidence Level n = sample size

Getting Better

* 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 10: Appropriate Testing for Children with Pharyngitis Rates by Medical Group - continued n*



Medical Group Average 88%

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.

Performance Highlights - Medical Group Level Results

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 Health 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.

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 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
- Northwest Family Physicians
- Priority Pediatrics Urgent Care
- University of Minnesota Physicians
- Urgent Care Doctor's Office
- WestHealth Urgent Care

Eight medical groups showed consistent improvement over three years:

- Fairview Mesaba Clinics
- Lakeview Clinic, Ltd.
- Mayo Clinic
- MeritCare
- Metropolitan Pediatric Specialists
- Sanford Clinic
- St. Cloud Medical Group
- Suburban Emergency Physicians

Four medical groups showed consistent decreases over three years:

- BMC & St. Joseph's Medical Center Clinics
- Riverview Clinics
- Southern Metro Medical Clinics
- Unity Family Healthcare- Avon

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
- 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 not 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).

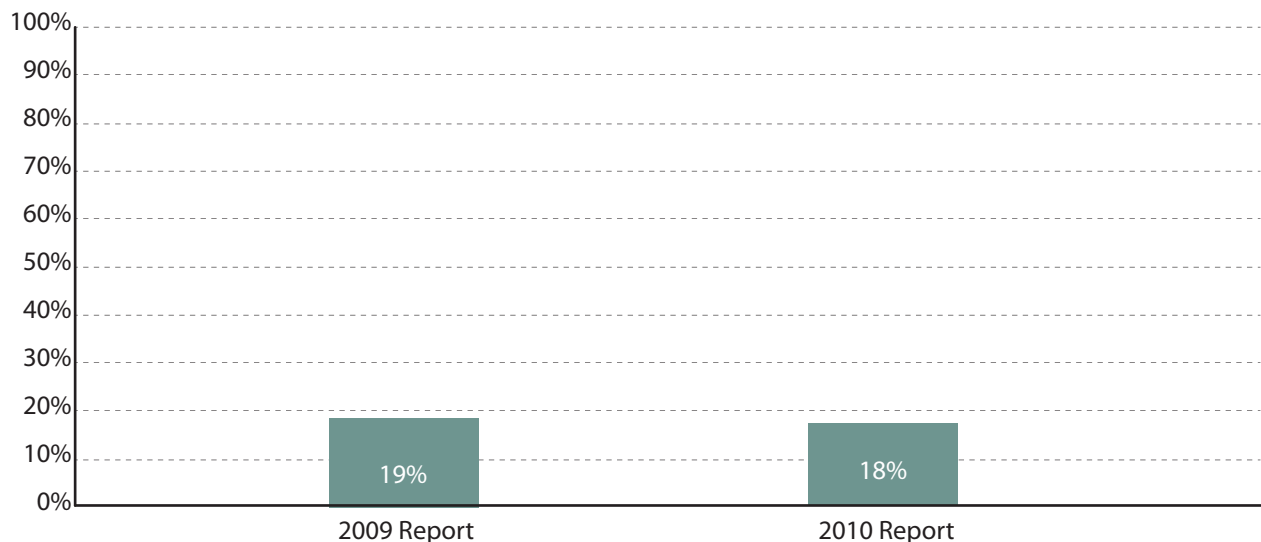
Data collected for this measure are from health plan data claims. Note: A higher rate indicates appropriate treatment of adults with bronchitis (i.e., the proportion for whom antibiotics were not prescribed).

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

	Statewide Average	95% CI	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 attributed to a medical group AND those who could not be attributed to a medical group.

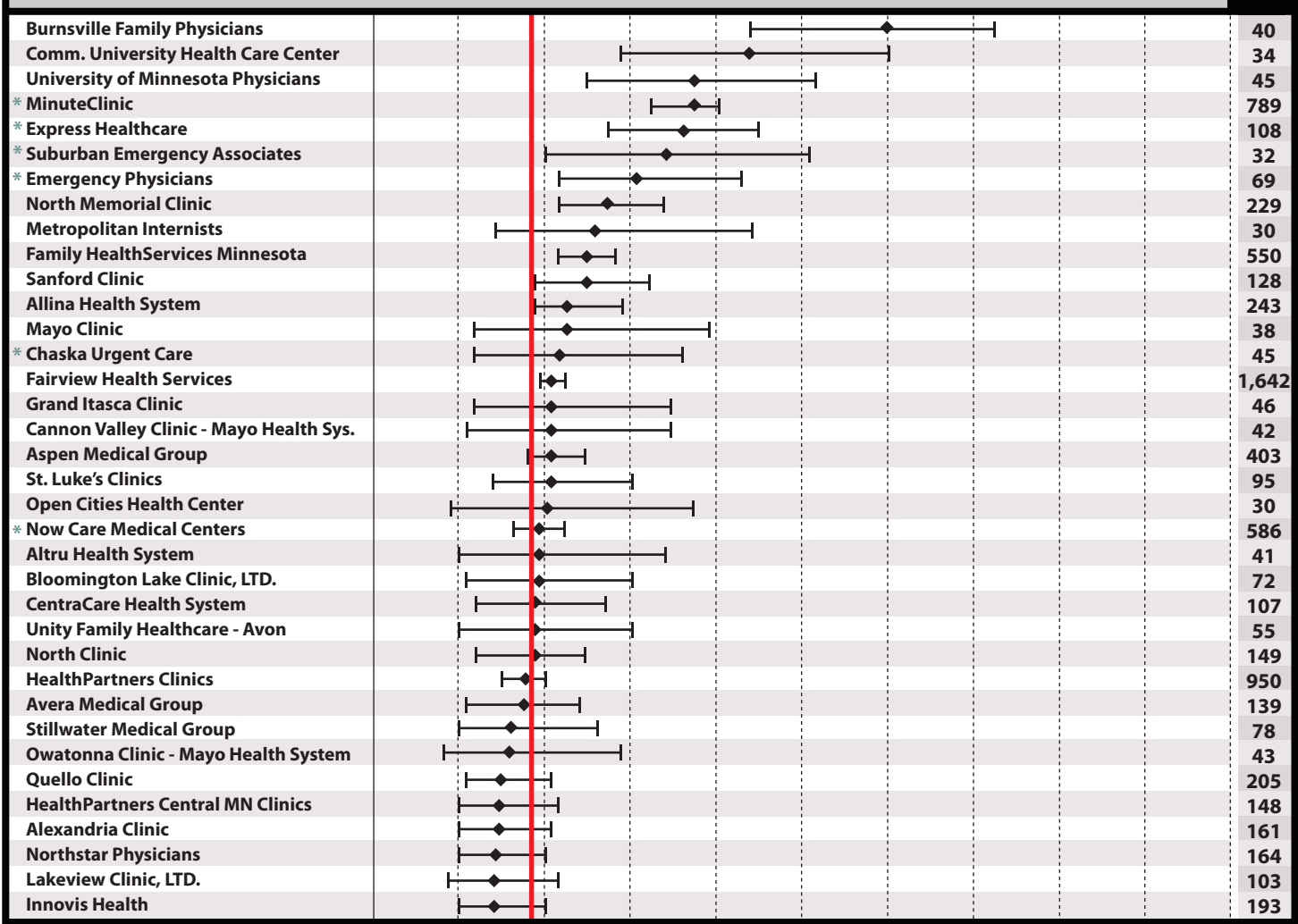
Figure 11: Statewide Medical Group Level Rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis Over Time



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.

Chart 11: Avoidance of Antibiotics in the Treatment of Adult Bronchitis by Medical Group

n*

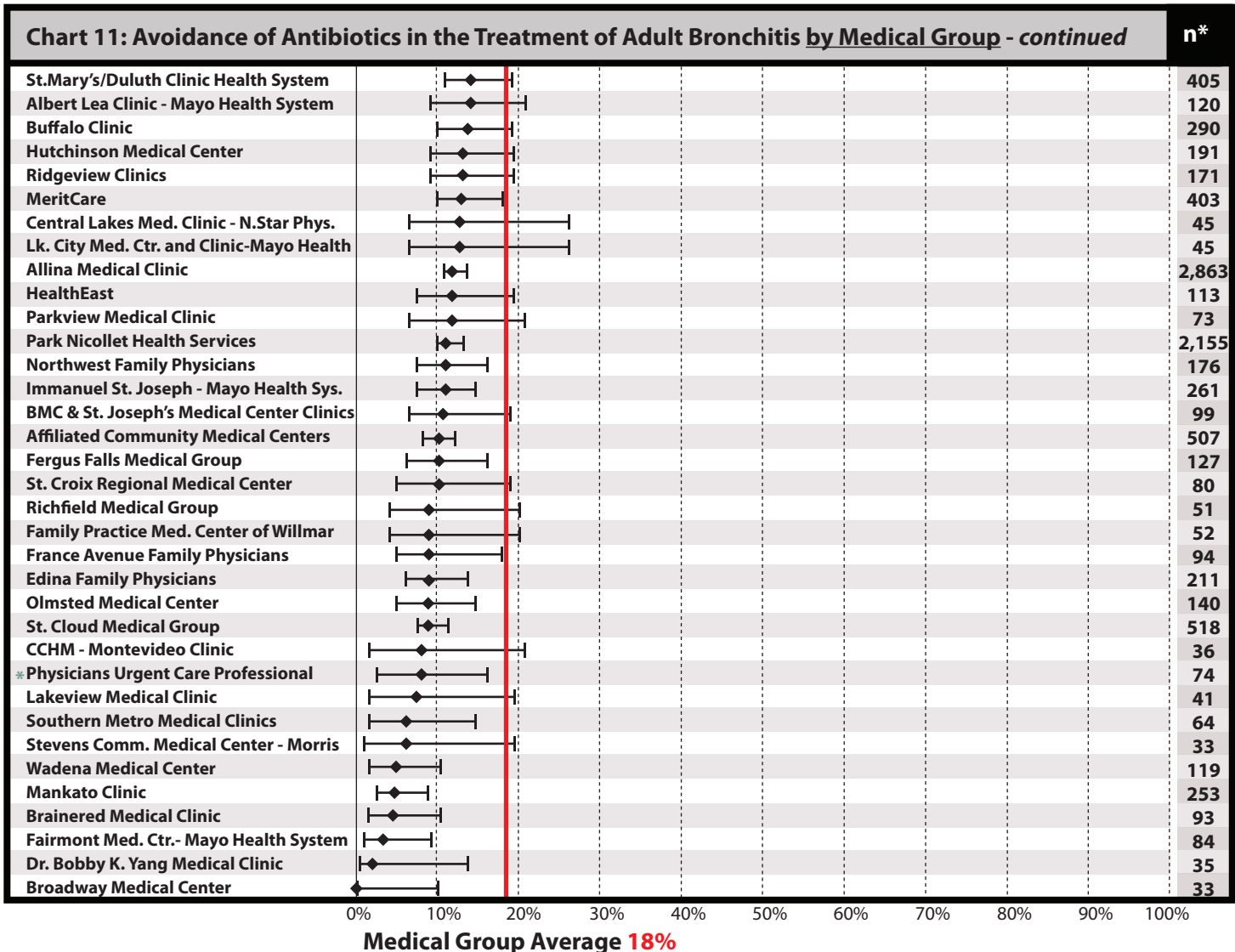


Medical Group Average 18%

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

Getting Better

* 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.



* 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.

Performance Highlights - Medical Group Level Results

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 not 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.

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).

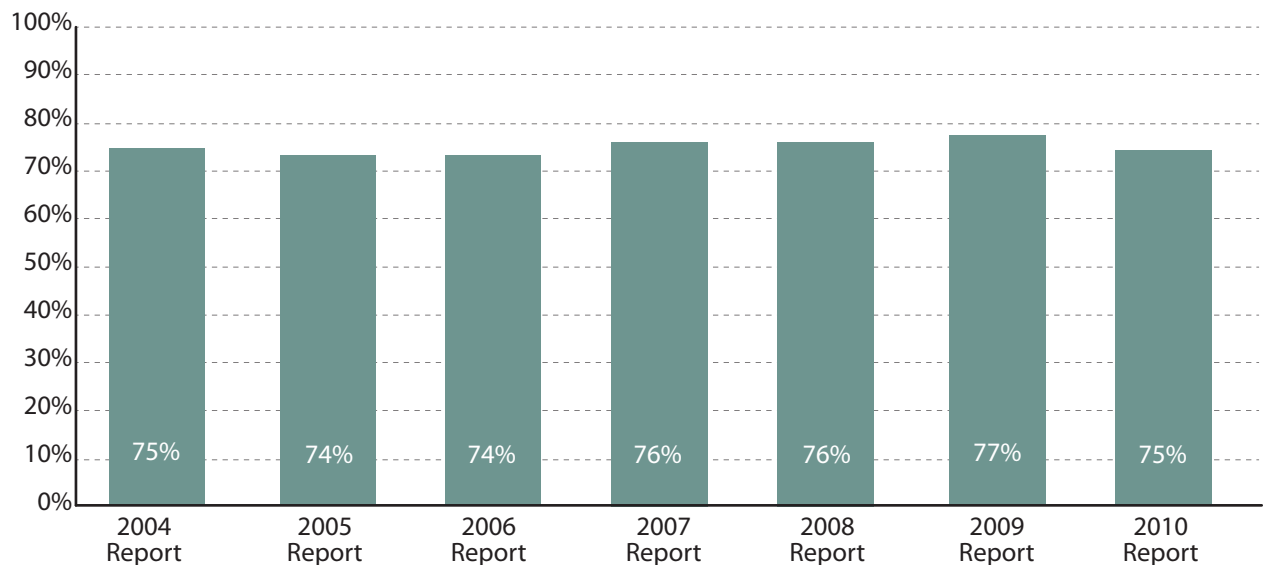
Data for this measure are collected from health plan claims.

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

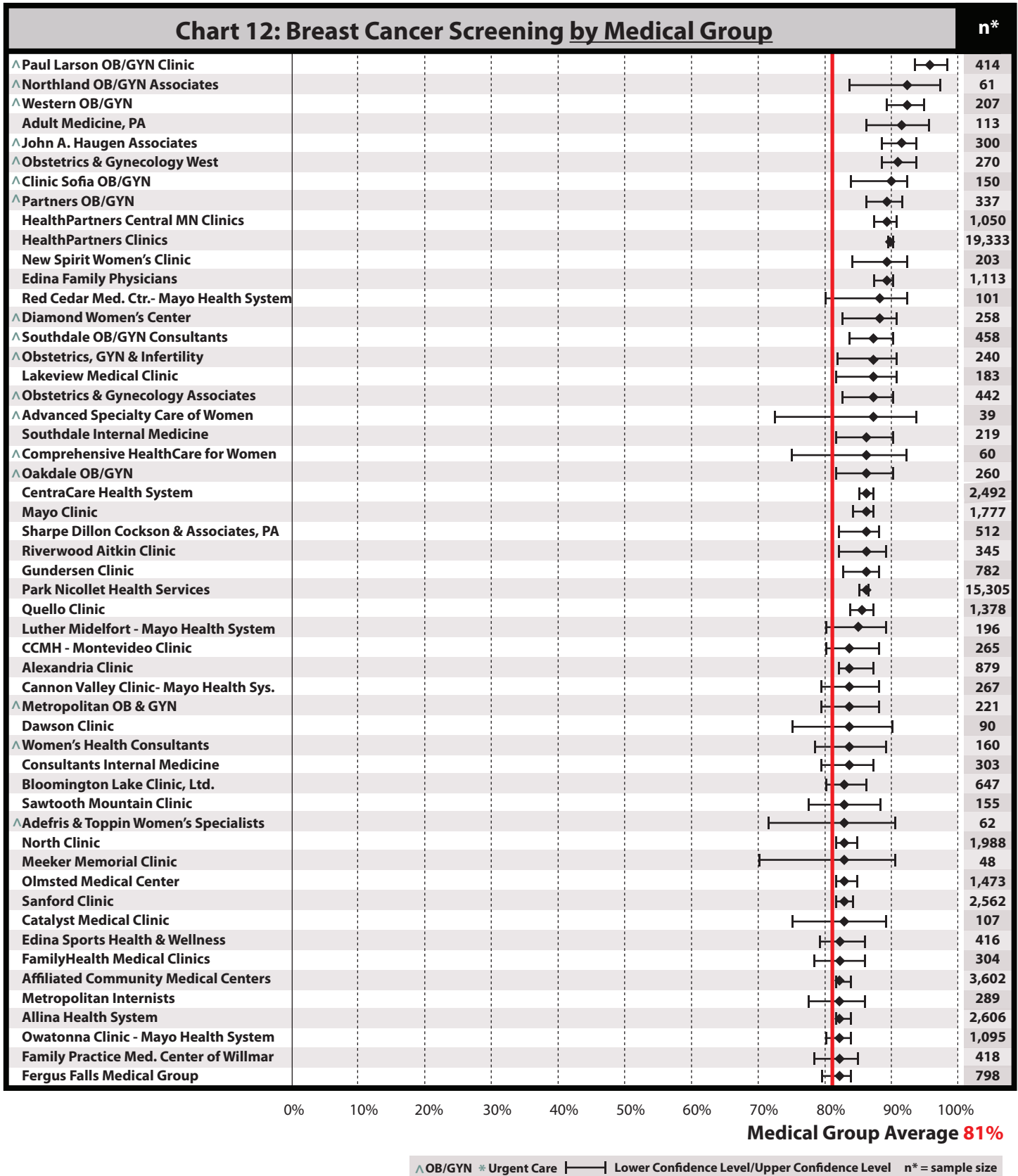
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Breast Cancer Screening	75.0%	74.8%-75.2%	158,283	211,141

*Statewide Average (above) includes those patients attributed 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

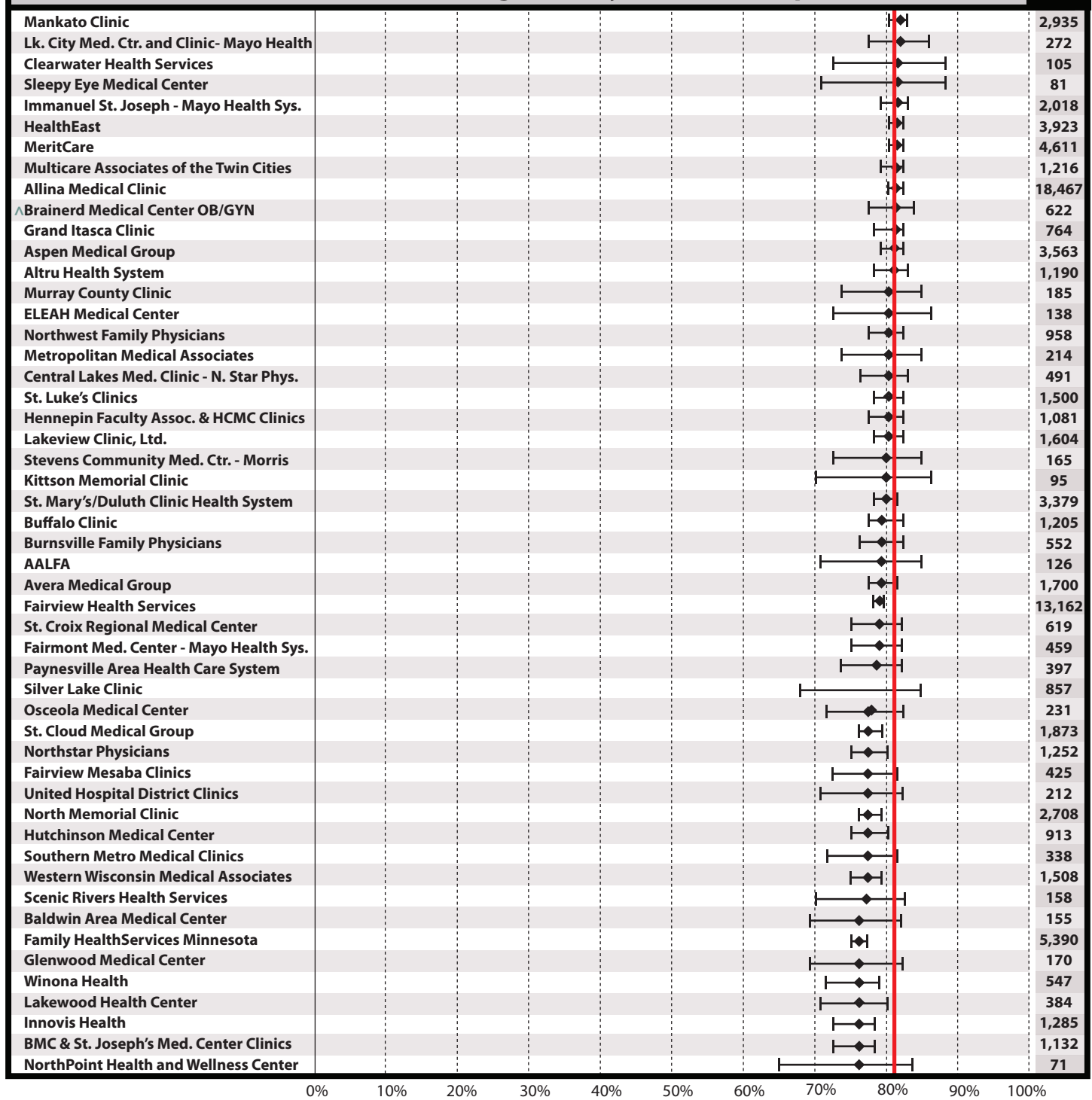


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



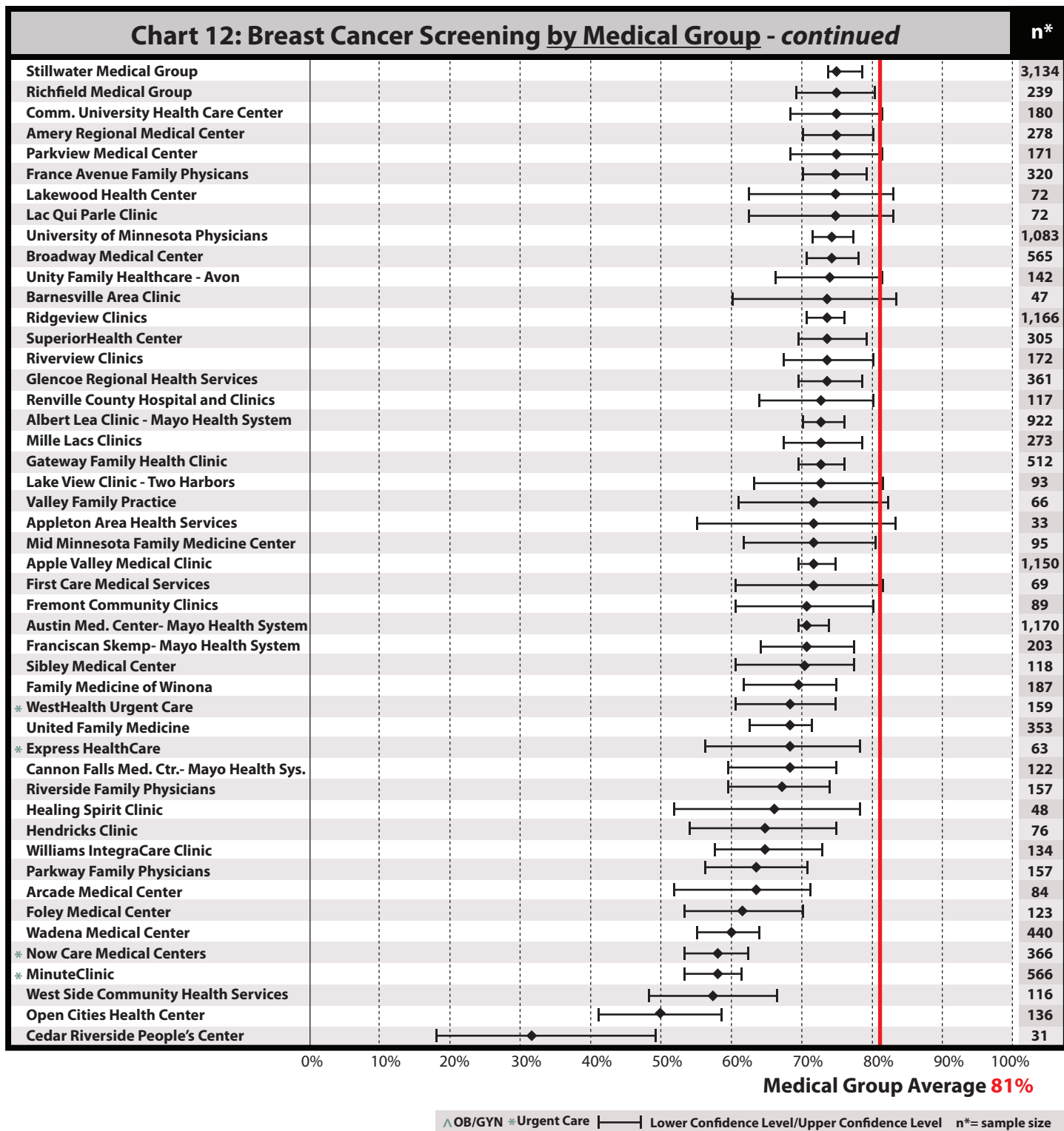
Staying Healthy

Chart 12: Breast Cancer Screening Rates by Medical Group - continued



Medical Group Average **81%**

△ OB/GYN * Urgent Care | Lower Confidence Level/Upper Confidence Level n*= sample size



Staying Healthy

Performance Highlights - Medical Group Level Results

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
- Obstetrics & 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
- Obstetrics, Gyn & Infertility
- Lakeview Medical Clinic
- Obstetrics & 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.

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 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
- Mayo 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).

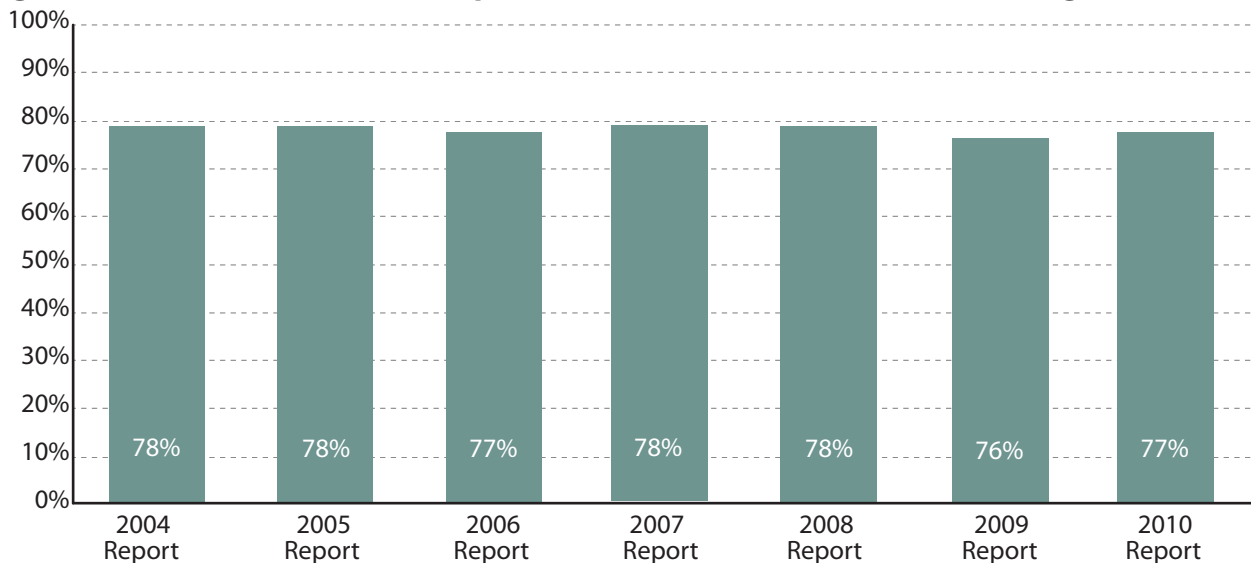
Data for this measure are collected from health plan claims.

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

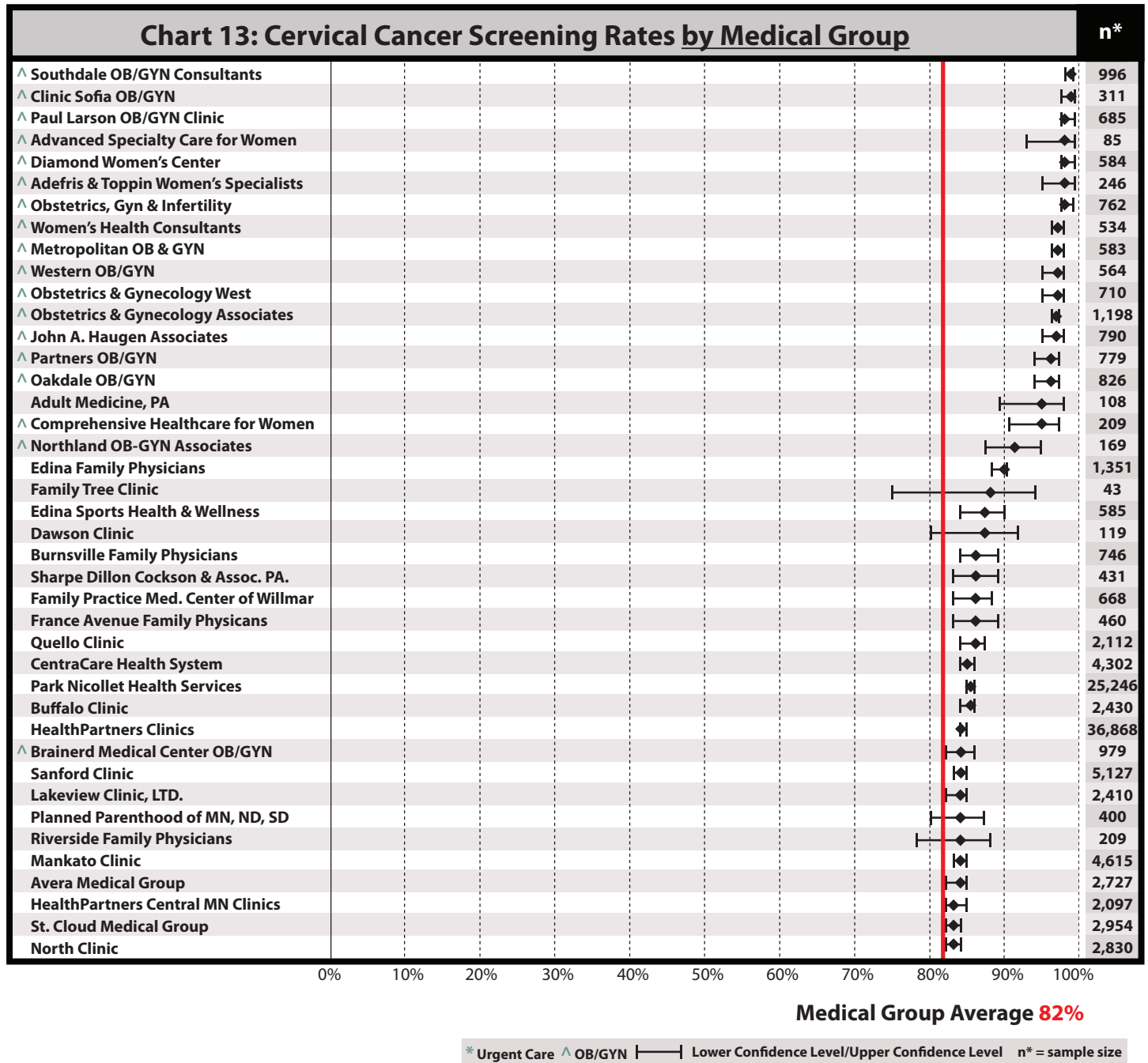
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Cervical Cancer Screening	77.0%	76.8%-77.1%	266,170	346,024

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

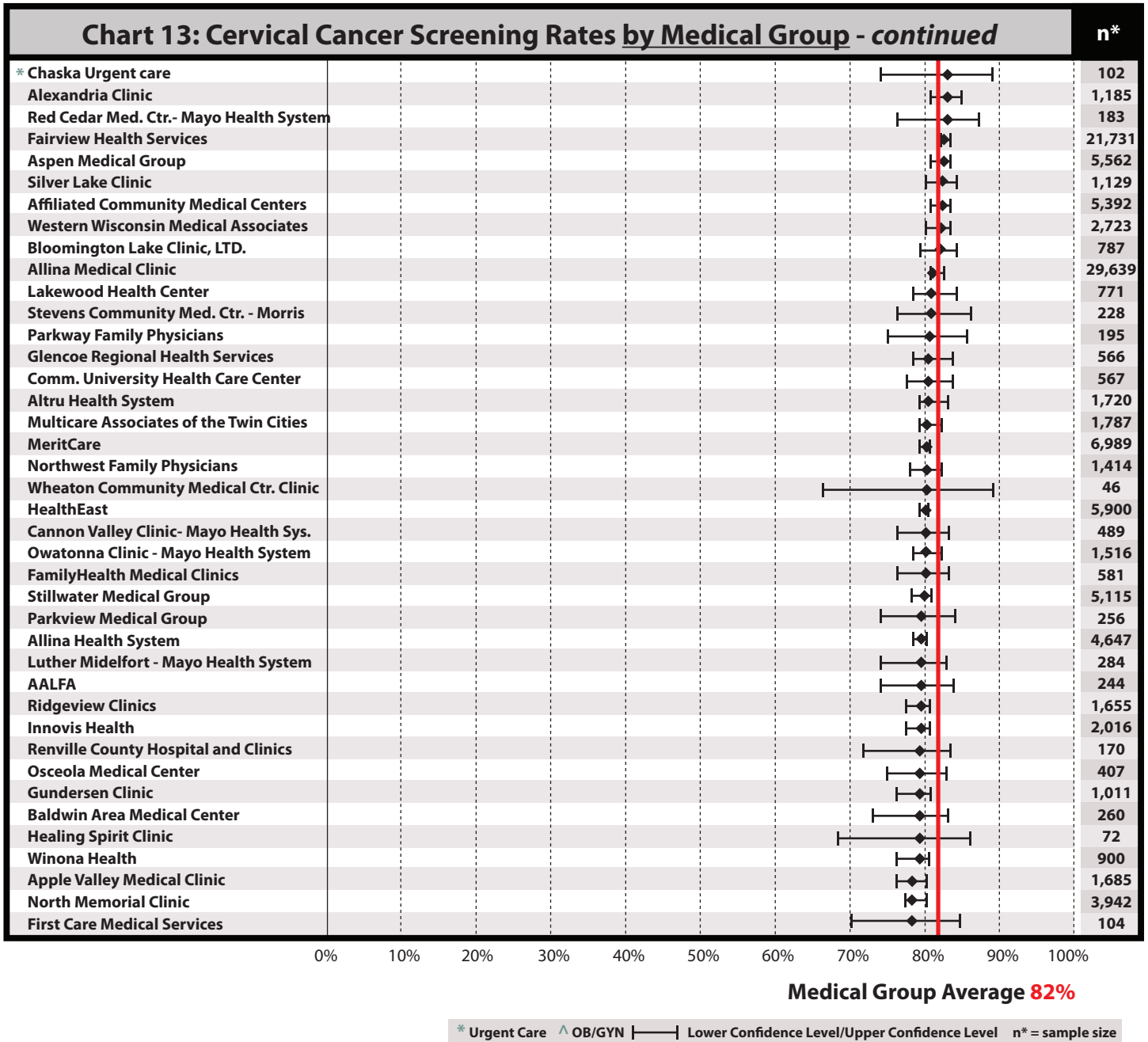
Figure 13: Statewide Medical Group Level Rates for Cervical Cancer Screening Over Time



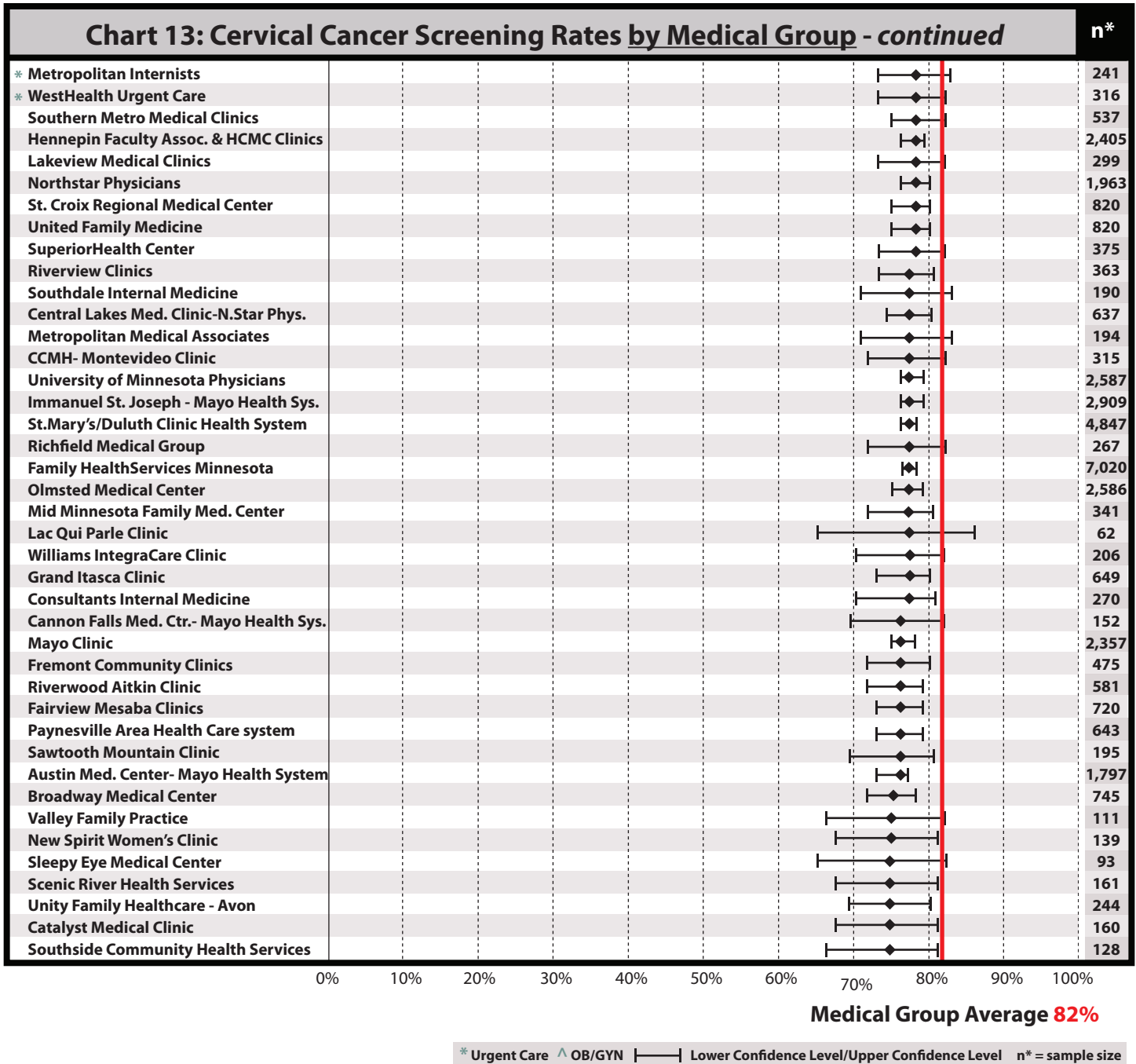
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



* 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.



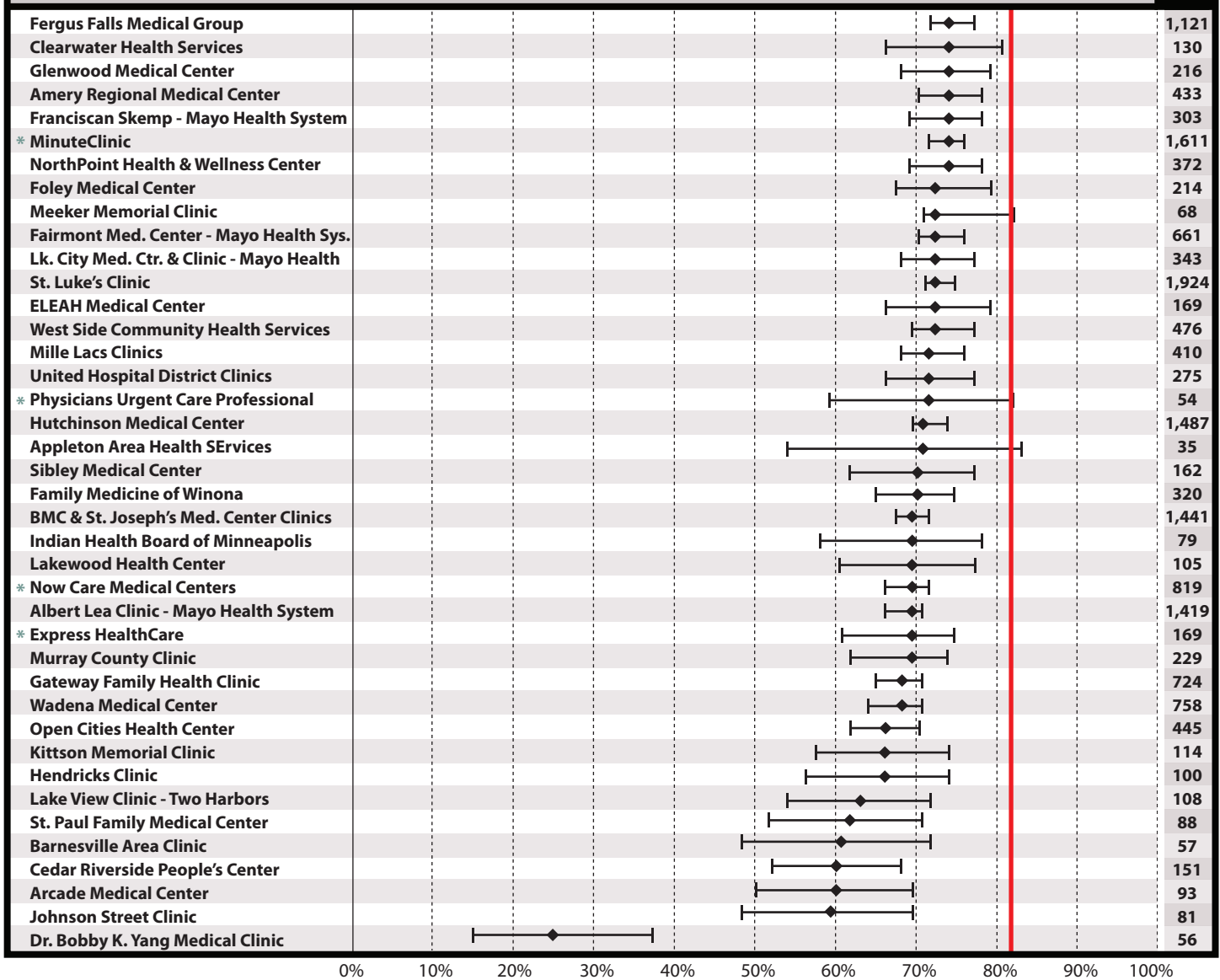
* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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



* 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.

Chart13: Cervical Cancer Screening Rates by Medical Group - continued

n*



Medical Group Average 82%

* Urgent Care ^ OB/GYN | 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.

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
- Adefaris & 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 consistently high performance and above average rates over the past three years for Cervical Cancer Screening:

- Adefaris & 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 consistent decreases over three years:

- 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 relatively stable over three years:

- 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).

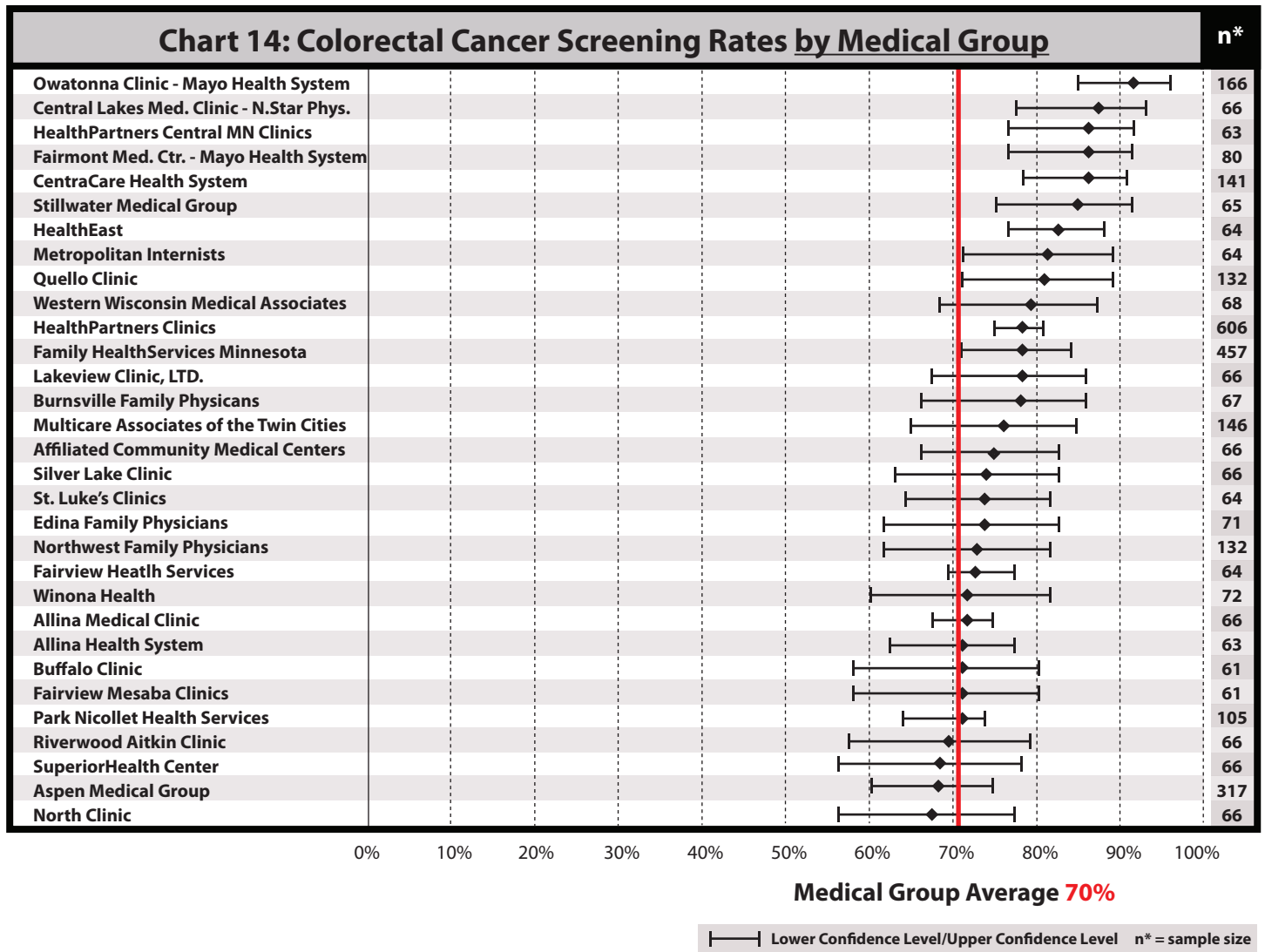
Data for this measure are collected from health plan claims and medical record review.

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

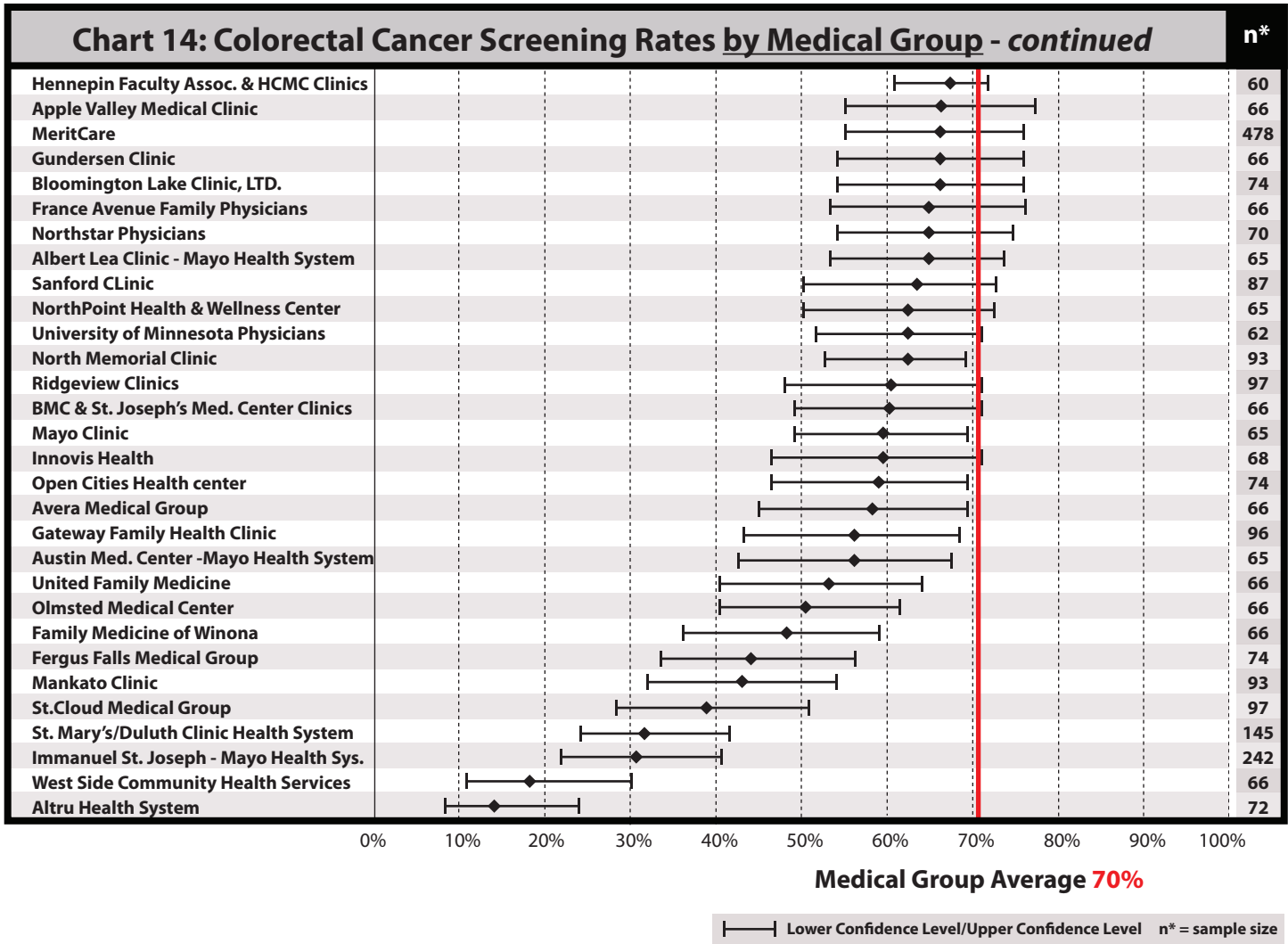
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Colorectal Cancer Screening	66.0%	65.0%-67.0%	4,678	8,303	244,771

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

No trend chart. Measurement specifications changed since last year.



* 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.



* 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.

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.

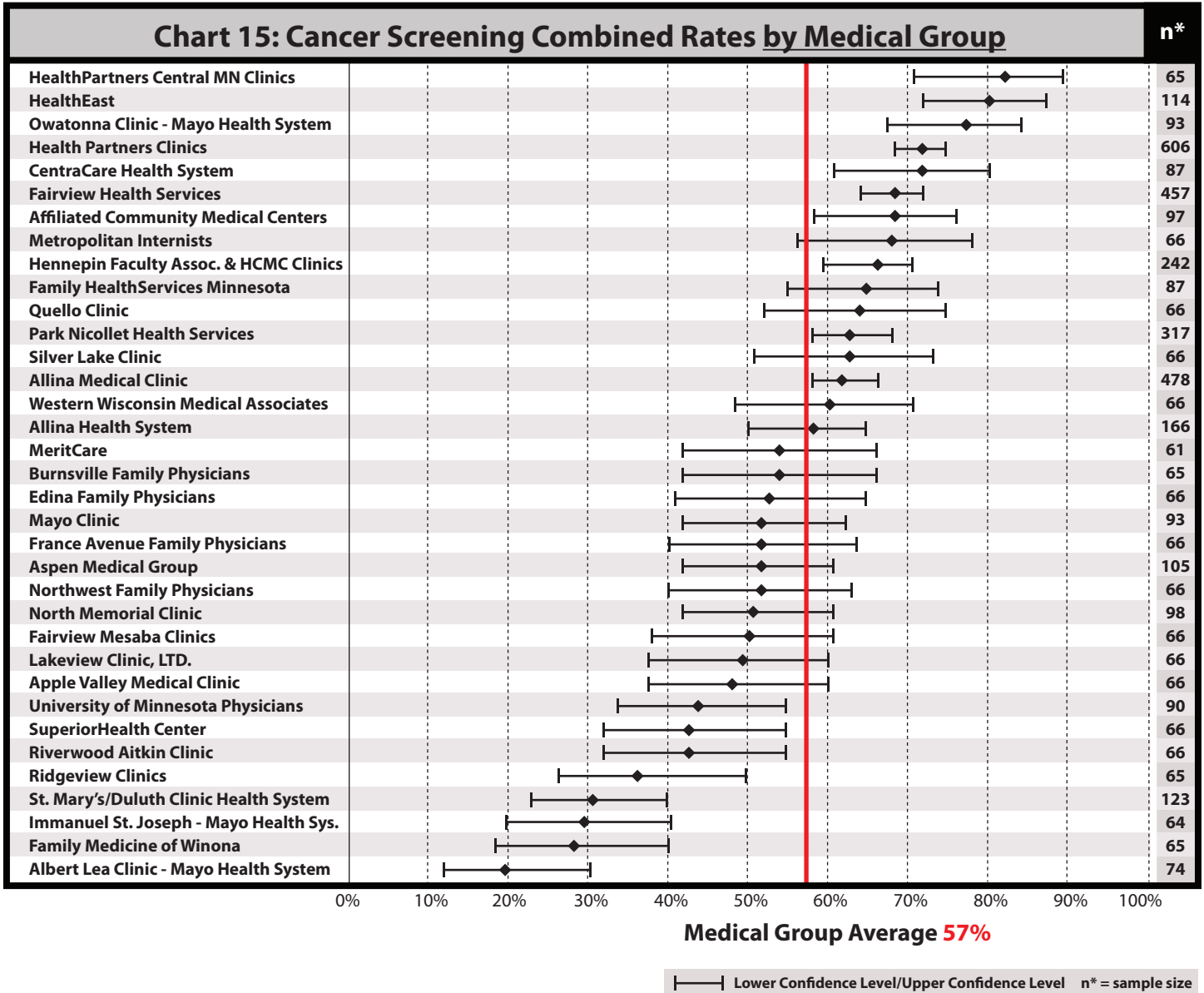
(Note: Males only need to be up-to-date for the colorectal cancer screening component to be considered up-to-date for the Cancer Screening Combined measure. Women 65-75 are considered up-to-date for the cervical cancer screening component; women 70-75 are considered up-to-date for the breast cancer screening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

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

	Statewide Average (Weighted)	95% CI	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 attributed to a medical group AND those who could not be attributed to a medical group.

No trend chart. Measurement specifications changed since last year.



* 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.

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).

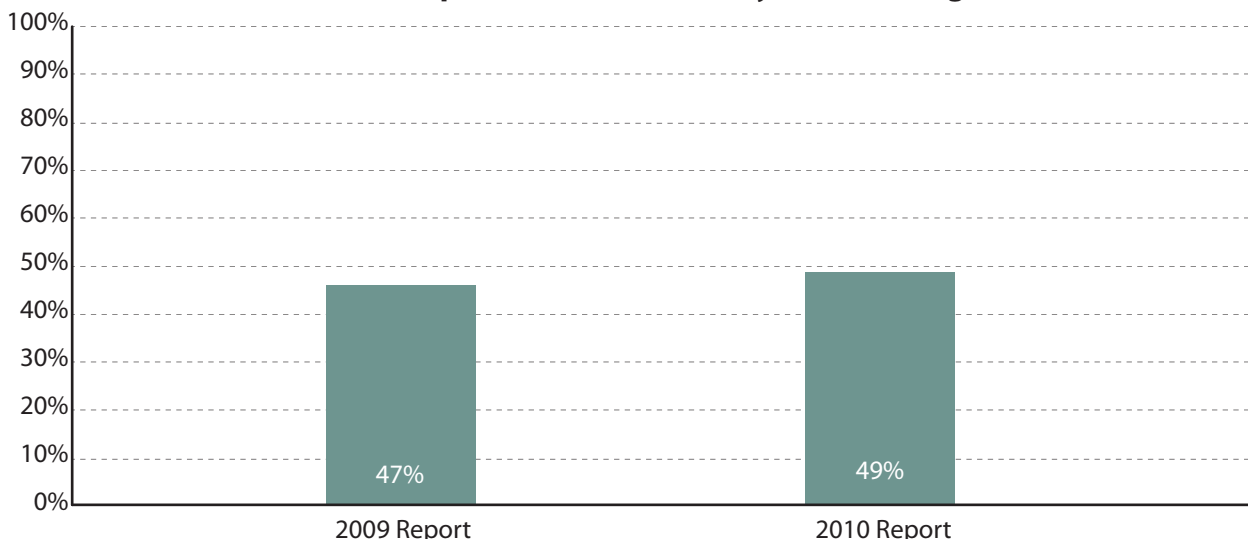
The data for this measure are collected from health plan claims.

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

	Statewide Average	95% CI	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 attributed to a medical group AND those who could not be attributed to a medical group.

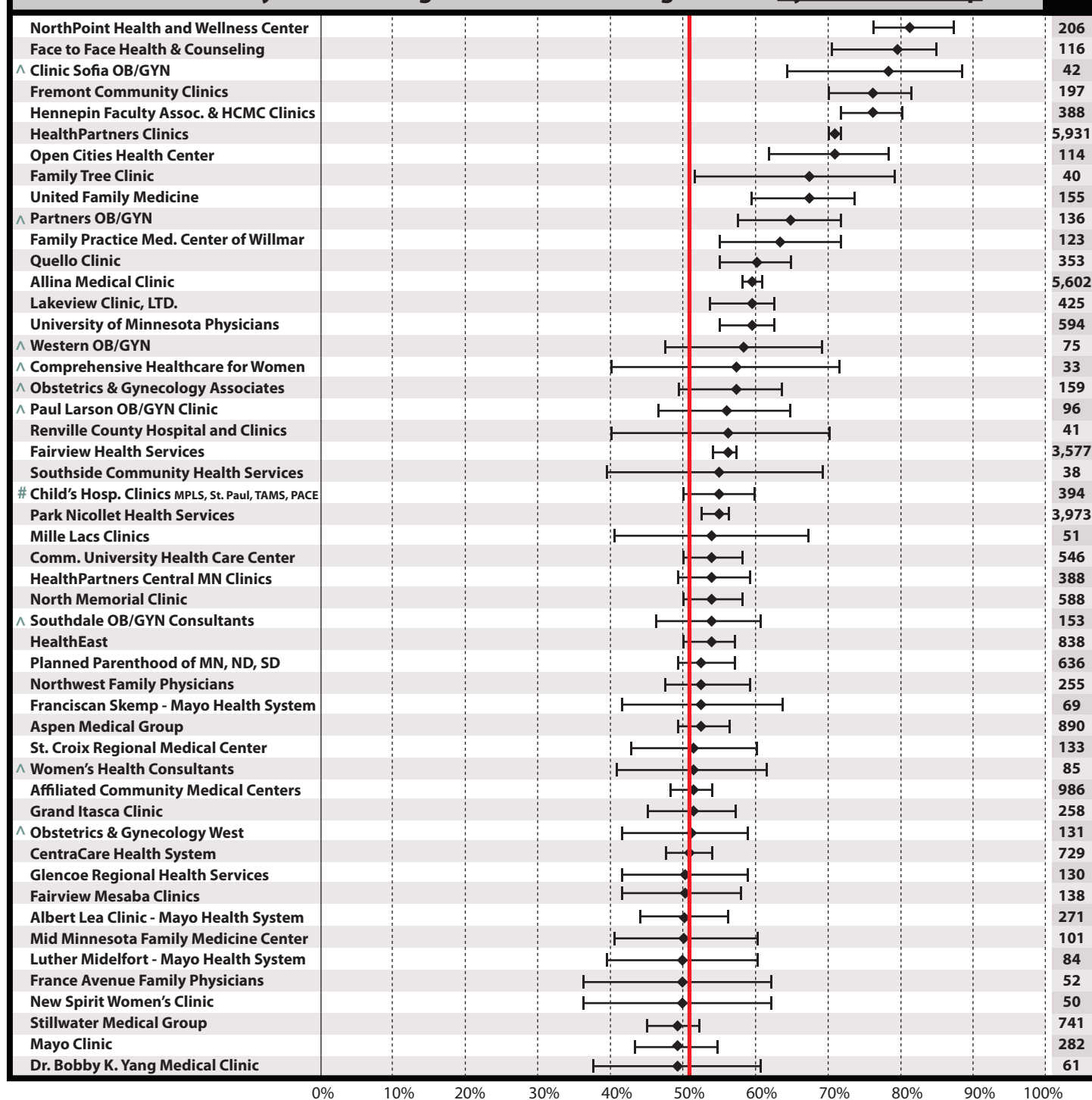
Figure 16: Statewide Medical Group Level Rate for Chlamydia Screening in Women Over Time



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 Screening in Women Rates - Ages 16-24 by Medical Group

n*

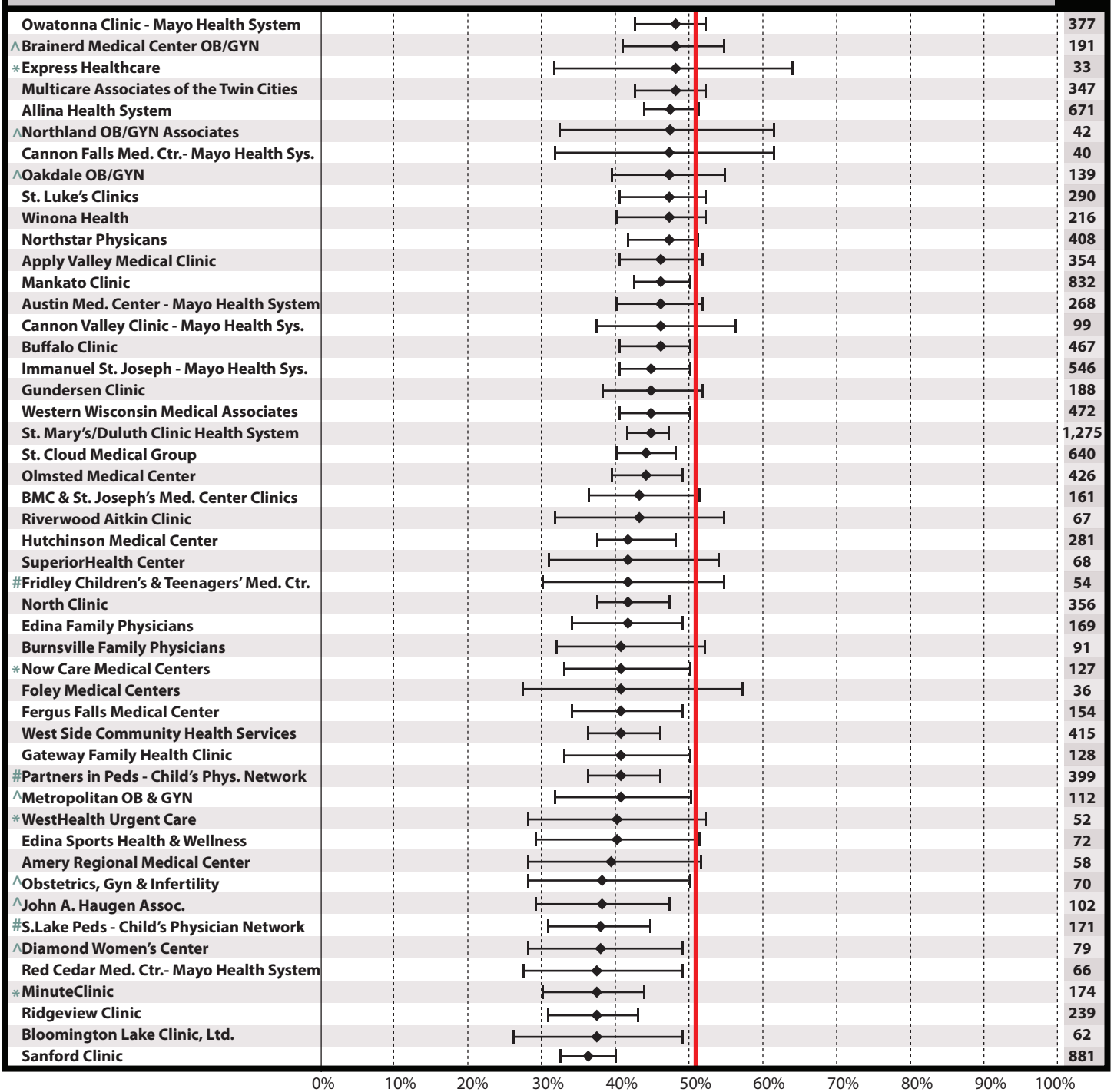


Medical Group Average 51%

^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.

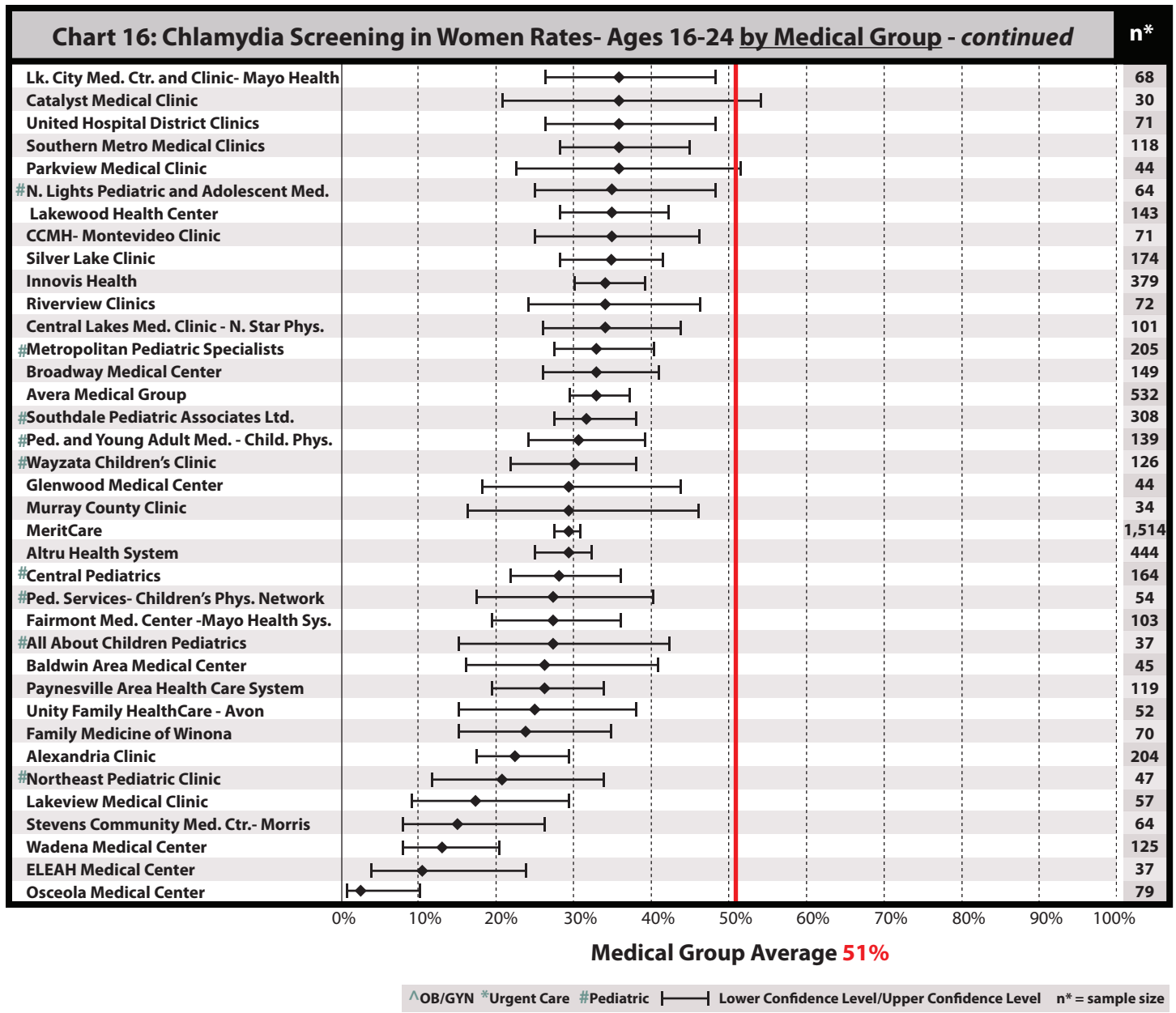
Chart 16: Chlamydia Screening in Women Rates - Ages 16-24 by Medical Group - continued



Medical Group Average 51%

^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.



* 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.

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).

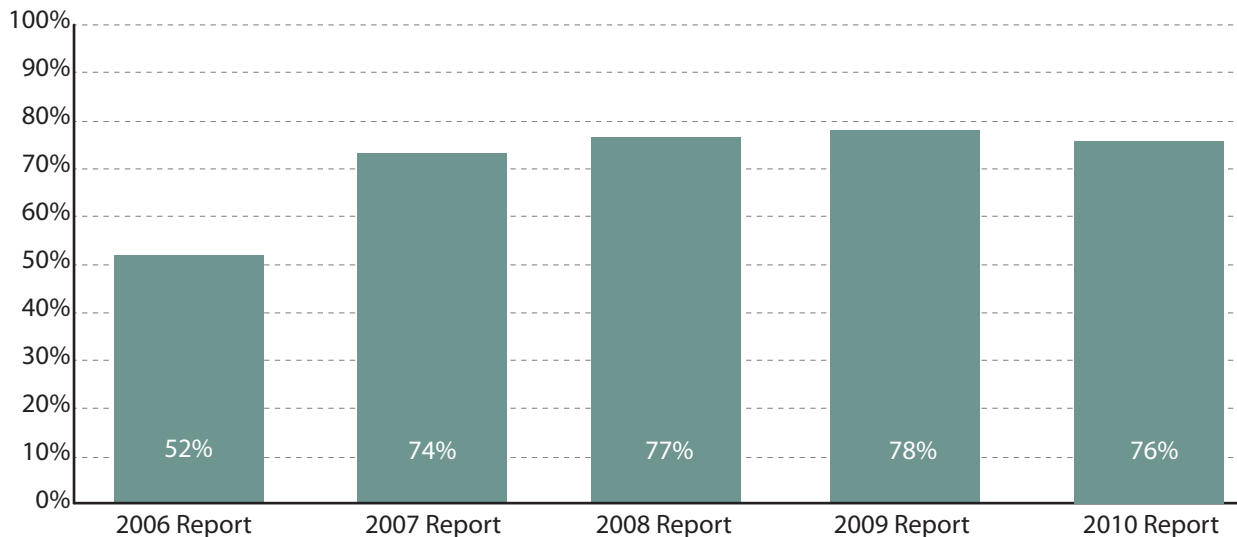
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC) and medical record review.

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

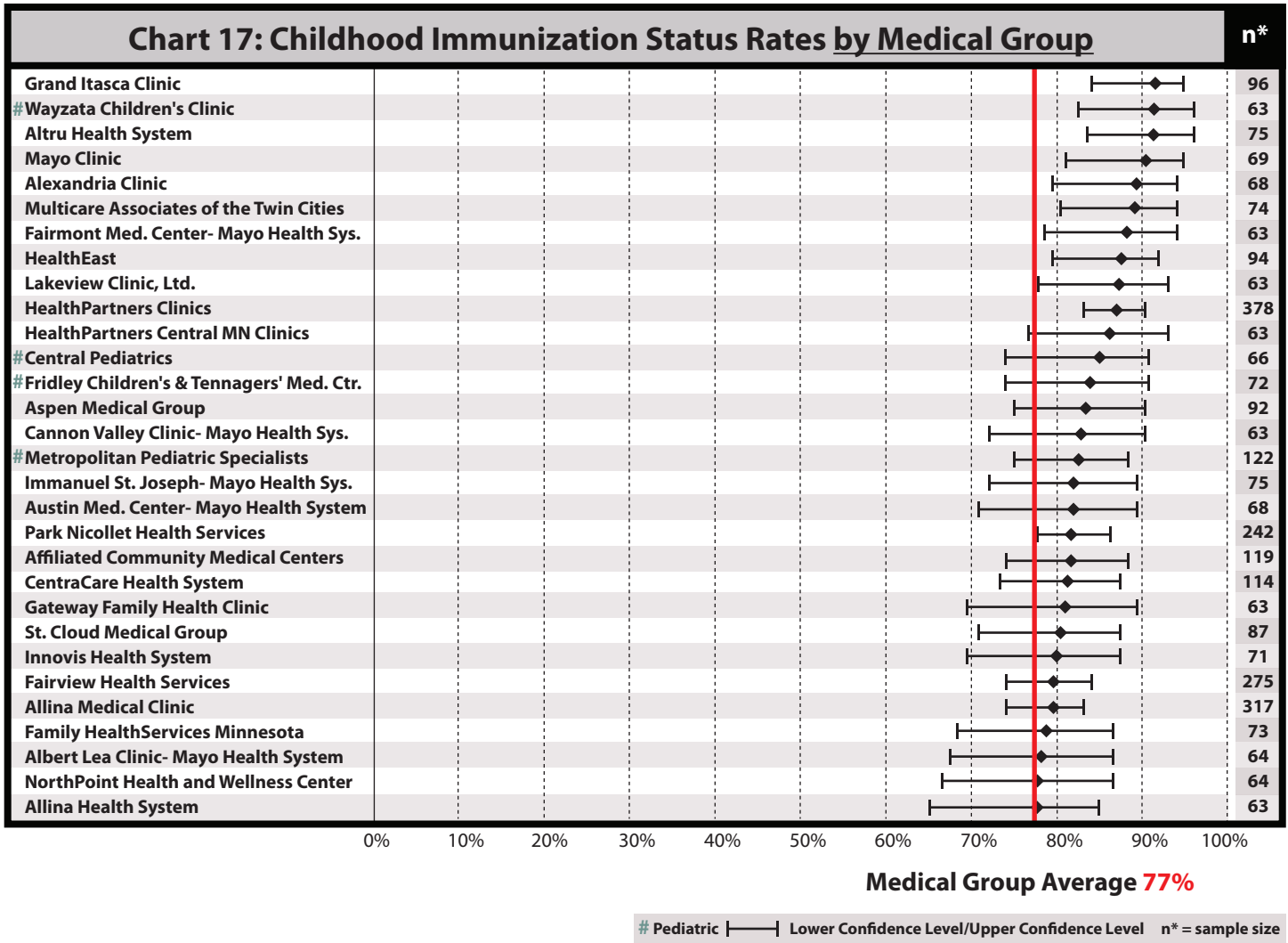
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Childhood Immunization	75.6%	74.6%-76.6%	5,384	7,119	24,222

*Statewide Average (above) includes those patients attributed 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



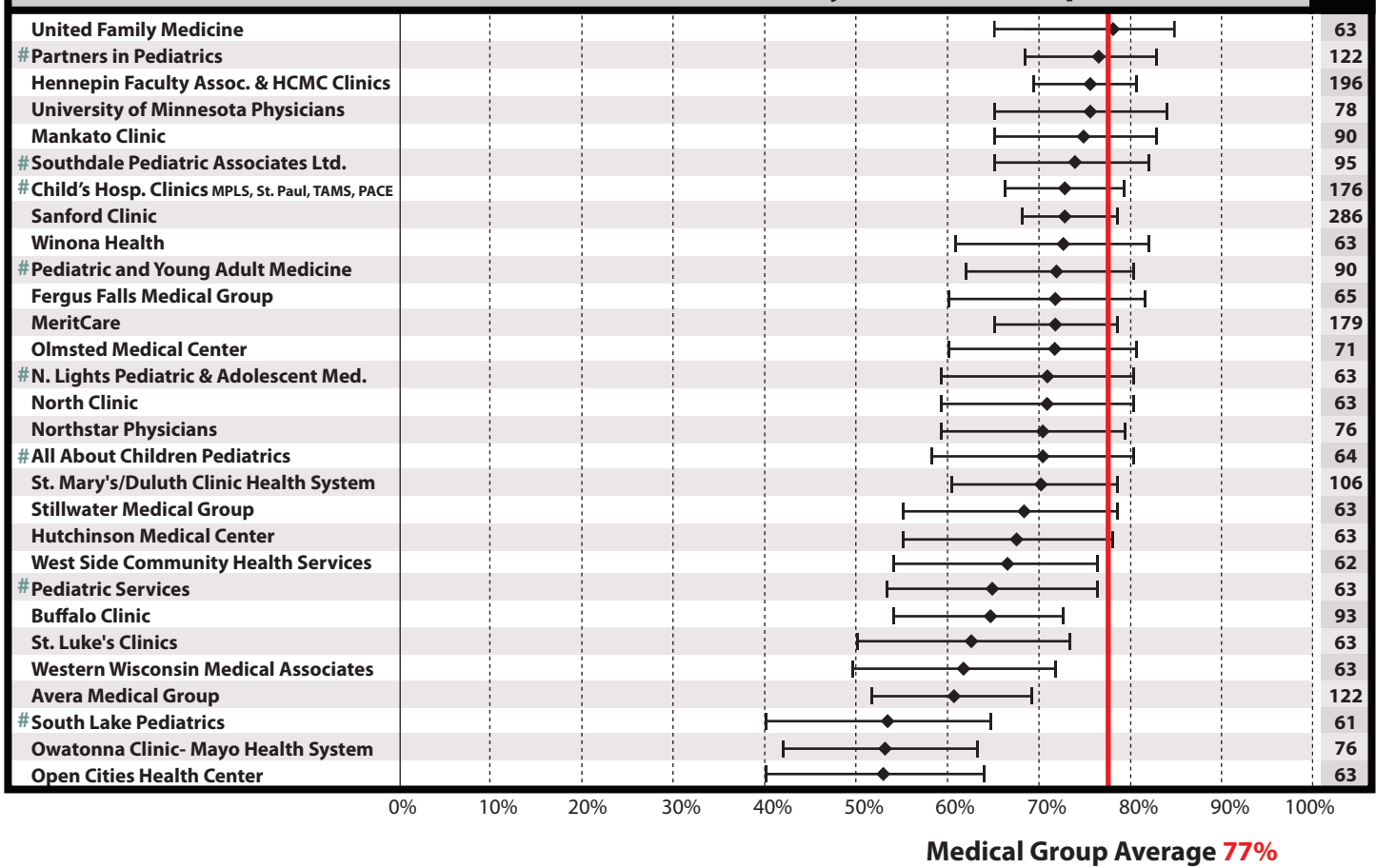
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



* 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 17: Childhood Immunization Status Rates by Medical Group - continued

n*



* 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.

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 consistently high performance and above average rates over the past three years 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

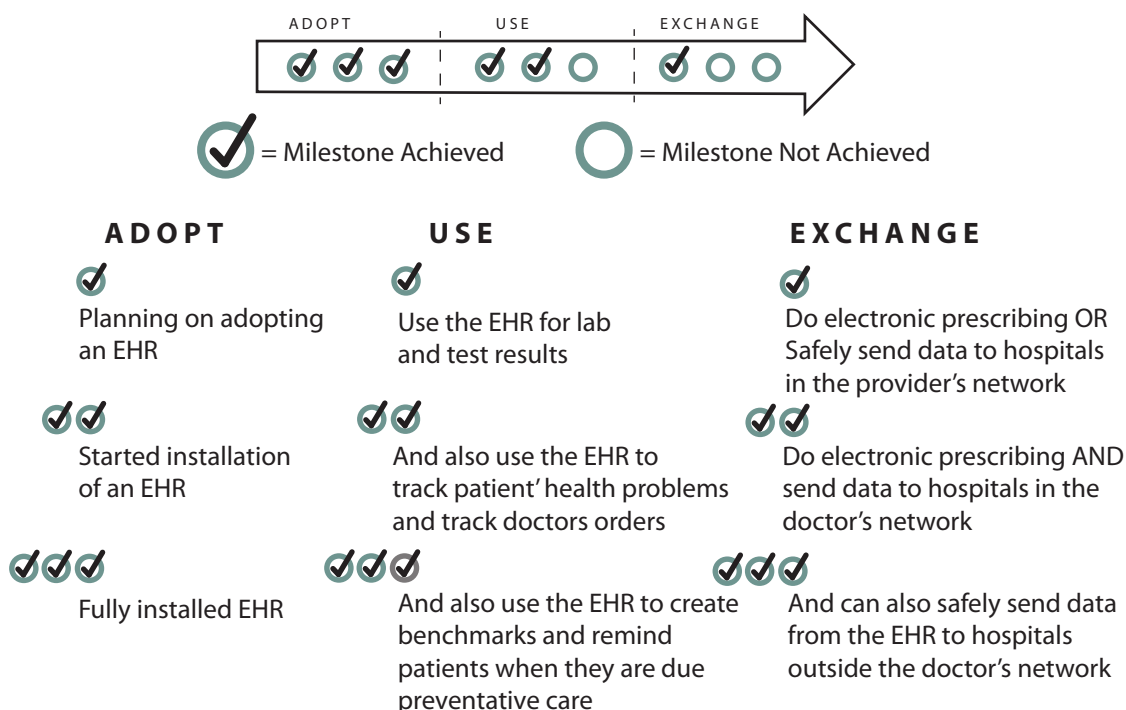
Health Information Technology Measures

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.

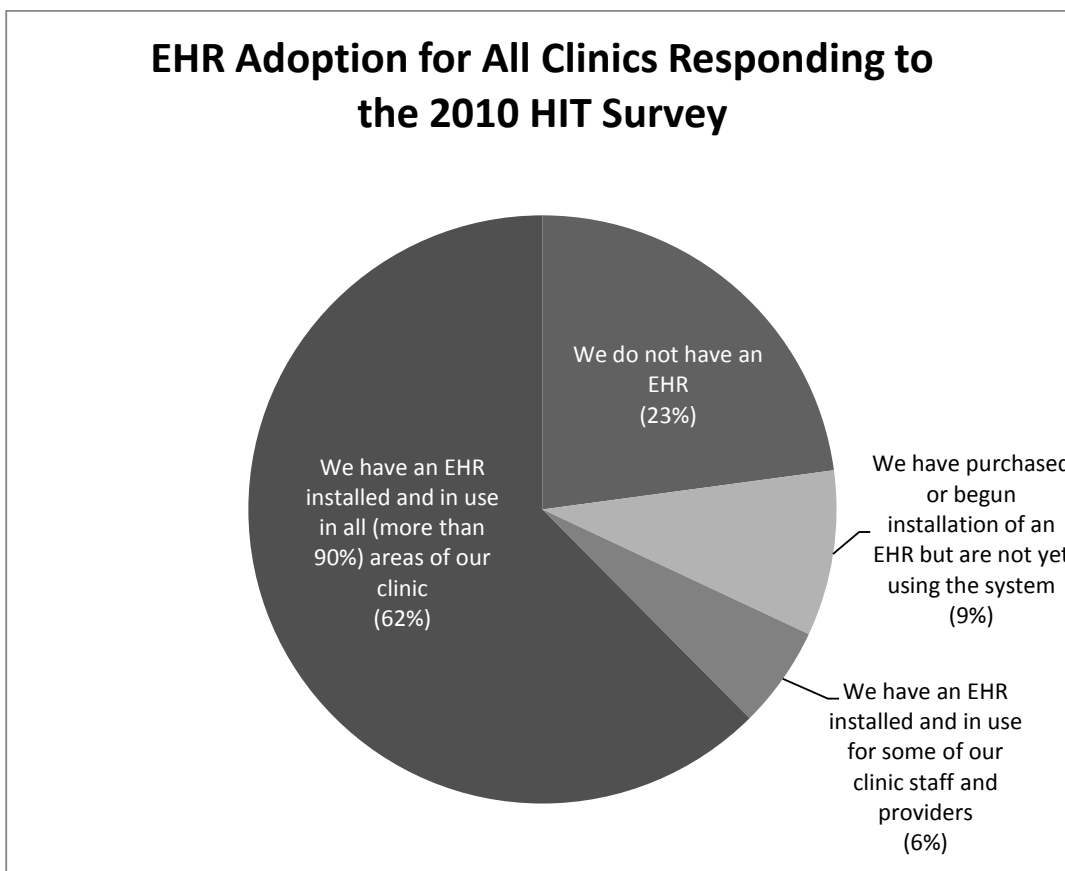
- Adopt: Information about a patient and the care that the patient needs is recorded in an EHR instead of a paper medical record.
- Use: A patient's doctor uses the EHR to order lab tests, track health problems and improve the patient's care.
- Exchange: A patient's information is sent and received in 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.

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%.

Table 20: Health Information Technology Results by Clinic









What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
AALFA Family Clinic													
Academic Dermatology													
Adult & Pediatric Urology													
Adult Medicine, PA													
Advanced Dermatology Care-Forest Lake													
Advanced Dermatology Care-Stillwater													
Advanced Dermatology Care-White Bear lake													
Advancements in Allergy and Asthma Care, Ltd.													
Affiliated Community Medical Centers - Willmar Skylark Center													
Affiliated Community Medical Centers - Benson Clinic													
Affiliated Community Medical Centers - Granite Falls Clinic													
Affiliated Community Medical Centers - Litchfield Clinic (East)													
Affiliated Community Medical Centers - Litchfield Clinic (West)													
Affiliated Comm. Medical Centers-Marshall Clinic (Bruce Street)													
Affiliated Comm. Medical Centers-Marshall Clinic (Market Street)													
Affiliated Community Medical Centers - New London Clinic													
Affiliated Community Medical Centers - Redwood Falls Clinic													
Affiliated Community Medical Centers - Willmar Clinic													
Albany Medical Center													
Alexandria Clinic													
All About Children Pediatrics, P.A.													
Allergy & Asthma Specialists, PA - Maple Grove													
Allergy & Asthma Specialists, PA-Minneapolis Medical Arts Bldg													
Allergy & Asthma Specialists, PA - Plymouth West Health													
Allergy and Ashma Care, PA													
Allergy, Asthma & Immunology - Shoreview													
Allina Health System - Abbott NW General Medicine Assoc.- Edina													
Allina Health System - Abbott NW General Medicine Assoc.- Mpls													
Allina Health System - Abbott NW Infectious Disease Clinic													
Allina Health System - Abbott NW International Travel Clinic													
Allina Health System - Allina Mental Health Northtown Clinic													
Allina Health System - Cardiovascular Surgeons of St Paul													
Allina Health System - Chronic Pain Management													
Allina Health System - Metropolitan Heart & Vascular Institute													
Allina Health System - Midwest Internal Medicine													
Allina Health System - Minneapolis Heart Institute													
Allina Health System - Minneapolis Neuroscience Institute													

Table 20: Health Information Technology Results by Clinic








What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
Allina Health System - Minnesota Perinatal Physicians													
Allina Health System - New Ulm Medical Center													
Allina Health System - Sister Kenny Rehab Assoc. & Spine Ctr.													
Allina Health System - Sports & Orthopaedic Specialists, P.A.													
Allina Health System - United Neurosurgery Assoc.													
Allina Health System - Virginia Piper Cancer Ctr.													
Allina Medical Clinic - Midwest Surgery													
Allina Medical Clinic - Annandale													
Allina Medical Clinic - Blaine													
Allina Medical Clinic - Brooklyn Park													
Allina Medical Clinic - Buffalo													
Allina Medical Clinic - Cambridge Medical Center													
Allina Medical Clinic - Champlin													
Allina Medical Clinic - Cokato													
Allina Medical Clinic - Coon Rapids													
Allina Medical Clinic - Coon Rapids Women's Health													
Allina Medical Clinic - Cottage Grove													
Allina Medical Clinic - Crossroads Chaska													
Allina Medical Clinic - Crossroads Prior Lake													
Allina Medical Clinic - Crossroads Shakopee Dean Lakes													
Allina Medical Clinic - Eagan													
Allina Medical Clinic - Edina													
Allina Medical Clinic - Elk River													
Allina Medical Clinic - Faribault													
Allina Medical Clinic - Farmington													
Allina Medical Clinic - Forest Lake													
Allina Medical Clinic - Fridley OB/GYN													
Allina Medical Clinic - Hastings (Nininger)													
Allina Medical Clinic - Hastings (W First St)													
Allina Medical Clinic - Hinkley													
Allina Medical Clinic - Isles													
Allina Medical Clinic - Maple Grove													
Allina Medical Clinic - Mora													
Allina Medical Clinic - Nicollet Mall													
Allina Medical Clinic - North Branch													
Allina Medical Clinic - Northfield													
Allina Medical Clinic - Parkview OB/GYN Eagan													

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE		
= Milestone Achieved = Milestone Not Achieved												
CLINIC NAME	ADOPT			USE			EXCHANGE					
Allina Medical Clinic - Parkview OB/GYN Maplewood												
Allina Medical Clinic - Parkview OB/GYN St. Paul												
Allina Medical Clinic - Pine City												
Allina Medical Clinic - Prescott												
Allina Medical Clinic - Ramsey												
Allina Medical Clinic - Shakopee												
Allina Medical Clinic - Shoreview												
Allina Medical Clinic - St. Michael												
Allina Medical Clinic - Surgical Specialties, Unity												
Allina Medical Clinic - The Doctors Uptown												
Allina Medical Clinic - United Medical Specialties												
Allina Medical Clinic - West Health Campus												
Allina Medical Clinic - West St. Paul												
Allina Medical Clinic - Woodbury												
Allina Medical Clinic - Woodlake												
Allina Mental Health Clinic - Northtown												
Altru Health System - Cavalier												
Altru Health System - Crookston												
Altru Health System - Drayton												
Altru Health System - Erskine												
Altru Health System - Family Medicine Center												
Altru Health System - Fertile												
Altru Health System - Grand Forks Family Medicine Residency												
Altru Health System - Greenbush												
Altru Health System - Lake Region												
Altru Health System - Main												
Altru Health System - Red Lake Falls												
Altru Health System - Roseau												
Altru Health System - Warroad												
Anesthesia Associates of St. Cloud, Ltd												
Apple Valley Medical Clinic												
Appleton Clinic												
Ashby Clinic												
Aspen Digestive Health Clinic												
Aspen Medical Group - Bandana Square												
Aspen Medical Group - Bloomington												
Aspen Medical Group - East Lake Street												

Table 20: Health Information Technology Results by Clinic









What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
Aspen Medical Group - Highland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Aspen Medical Group - Hopkins	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Aspen Medical Group - Inver Grove Heights	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Aspen Medical Group - Maplewood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Aspen Medical Group - White Bear Lake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care - Forest Lake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care - New Richmond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care - St. Paul	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care - Stillwater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care - Woodbury	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Eye Care Ambulatory Surgery Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Skin Care Specialists PA-Eden Prairie	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Skin Care Specialists PA-Fridley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Skin Care Specialists PA-Maple Grove	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Skin Care Specialists PA-Mercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associated Skin Care Specialists PA-Unity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associates in Newborn Medicine - CH&C St. Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associates In Women's Health, PA- Edina	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Associates In Women's Health, PA- Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Attending Physicians	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Austin & Treacy, P.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera - Pipestone County Medical Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera - United Medical Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Marshall Outpatient Behavioral Health Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Marshall Southwest Ophthalmology - Marshall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Marshall Southwest Ophthalmology - Montevideo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Marshall Southwest Ophthalmology - Springfield	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Marshall Specialty Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Worthington Specialty Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Worthington Specialty Clinics - Fulda	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Avera Worthington Specialty Clinics - Lakefield	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
AXIS Medical Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Balance Solutions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Battle Lake Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Behavior Wizards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Bertha Medical Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Big Lake Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE		
= Milestone Achieved = Milestone Not Achieved												
CLINIC NAME	ADOPT			USE			EXCHANGE					
Bigfork Valley Clinic - Balsam												
Bigfork Valley Clinic - Coleraine												
Bigfork Valley Clinic - Marcell												
Bloomington Lake Clinic - Minneapolis												
Bloomington Lake Clinic - Xerxes												
Bluestem Center for Family and Child Development- Owatonna												
Bluestem Center for Child and Family Development- Rochester												
Boynnton Health Service												
Boynnton Health Service for Mpls. Comm. and Technical College												
Boynnton Health Service Gopher Quick Clinic Coffman												
Boynnton Health Service St.Paul												
Brainerd Medical Clinic												
Brainerd Medical Clinic- Women's center												
Brainerd Northern Pines Mental Health												
Brainerd Radiation Therapy												
Bridges Medical Center												
Broadway Medical Center- Alexandria												
Broadway Medical Center- Parkers Prairie												
Brooten Medical Center												
Buffalo Clinic- Albertville- St. Michael												
Buffalo Clinic- Buffalo												
Buffalo Clinic- Monticello												
Burnett Medical Center												
Burnette Medical Center												
Burnsville Family Physicians												
Catalyst Medical Clinic												
Center for Personal Fitness												
Center for Reproductive Medicine-Minneapolis												
Center for Reproductive Medicine-St. Paul												
CentraCare - Becker												
CentraCare - Central Minnesota Heart Center												
CentraCare - Diabetes Center												
CentraCare - Family Medicine- Health Plaza												
CentraCare - Heartland												
CentraCare - Internal Medicine Plaza												
CentraCare - Internal Medicine River Campus												
CentraCare - St. Joseph												

Table 20: Health Information Technology Results by Clinic




What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
CentraCare - Women & Children OB/GYN	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CentraCare - Women & Children Pediatrics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CentraCare Health System - Long Prairie	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CentraCare Health System - Melrose	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Central Pediatrics St.Paul	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Central Pediatrics - Woodbury	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Certified Medical Evaluations, P.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Charles N Marvin Jr MD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Children's Asthma Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Asthma Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Cardiology Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Cleft/Craniofacial Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Cleft/Craniofacial Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Cystic Fibrosis Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Developmental Peds Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Diabetes & Endocrine Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Diabetes & Endocrine Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Down Syndrome Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Down Syndrome Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Feeding Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Feeding Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's General Pediatric Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's General Pediatrics Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Genetics Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Genetics Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Gynecology Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Gynecology Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Heart Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Children's Heart Clinic - St.Paul	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Children's Hematology/Oncology Clinic - Mpls.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Hematology/Oncology Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Infant Apena Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Infant Apena Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Infectious Disease Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Infectious Disease Clinic - St.Paul	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Integrative Medicine Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Children's Midwest Children's Resource Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT USE EXCHANGE								
= Milestone Achieved		= Milestone Not Achieved										
CLINIC NAME	ADOPT			USE			EXCHANGE					
Children's Nephrology Clinic - Minneapolis												
Children's Neurology Clinic - St. Paul												
Children's NICU F/U Clinic - St. Paul												
Children's NICU Trans Clinic - Minneapolis												
Children's Orthopaedic Clinic - Minneapolis												
Children's Orthopaedic Clinic - St. Paul												
Children's Pain Clinic - Minneapolis												
Children's Pain Clinic - St. Paul												
Children's Pediatric & Adolescent Care of Minnesota (PACE)												
Children's Pediatric & Adolescent Care of MN (PACE)- West St. Paul												
Children's Psychology Clinic - Minneapolis												
Children's Psychology Clinic - St. Paul												
Children's Respiratory & Critical Care Specialists - Minneapolis												
Children's Respiratory & Critical Care Specialists - Minnetonka												
Children's Respiratory & Critical Care Specialists - St. Paul												
Children's Rheumatology Clinic - Minneapolis												
Children's Rheumatology Clinic - St. Paul												
Children's Sleep Clinic - St. Paul												
Children's Sports Medicine Clinic - Minneapolis												
Children's Sports Medicine Clinic - St. Paul												
Children's Teen Age Medical Service (TAMS)												
Children's VCF Clinic - Minneapolis												
Chippewa County Montevideo Hospital & Medical Clinic												
Clara City Clinic												
Clarkfield Clinic												
Clearwater Health Services Clinic												
Clinic Sofia Ob/Gyn												
Coburn Cancer Center												
Colon & Rectal Surgery Associates - Minneapolis												
Colon & Rectal Surgery Associates - Northwest												
Colon & Rectal Surgery Associates - Southwest												
Colon & Rectal Surgery Associates - St. Paul												
Community Memorial Hospital Specialty Physicians												
Community-University Health Care Center												
Consultants Internal Medicine												
Courage Center Physicians' Clinic												
Crutchfield Dermatology												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?
 = Milestone Achieved = Milestone Not Achieved

ADOPT
USE
EXCHANGE

CLINIC NAME	ADOPT			USE			EXCHANGE		
Dakota Pediatric Clinic - Inver Grove Heights	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dakota Pediatric Clinic - Lakeville	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dawson Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DC Ashland Orthopaedics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deer River Meridian Medical Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dermatology Consultants, PA - Snelling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dermatology Consultants, PA - Woodbury	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diamond Women's Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Donald E Gehrig, MD, Internal Medicine, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dr VM Baich, PA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drs. Rogers and Nygren	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eagan Valley Pediatrics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Burnsville	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Coon Rapids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Edina	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Fridley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Maple Grove	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Minneapolis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - Plymouth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ear, Nose & Throat Specialtycare - St. Paul	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edgerton Family Clinic Avera	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edina Family Physicians	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edina Plastic Surgery, Ltd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edina Sports Health & Wellness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eisenstadt Allergy and Asthma Edina	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eisenstadt Allergy and Asthma Lakeville	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eisenstadt Allergy and Asthma Mpls	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELEAH Medical Center - Ashby	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELEAH Medical Center - Elbow Lake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELEAH Medical Center - Evansville	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELEAH Medical Center - Hoffman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELEAH Medical Center - Morris Prairie Medical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Endocrinology Clinic of Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fairview Andover Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fairview Bass Lake Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fairview Blaine Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fairview Brooklyn Park Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE		
= Milestone Achieved = Milestone Not Achieved												
CLINIC NAME	ADOPT			USE			EXCHANGE					
Fairview CedarRidge Clinic												
Fairview Children's Clinic												
Fairview Chisago Lakes Clinic												
Fairview Columbia Heights Clinic												
Fairview Crosstown Clinic												
Fairview Eagan Clinic												
Fairview EdenCenter Clinic												
Fairview Elk River Clinic												
Fairview Farmington Clinic												
Fairview Fridley Clinic												
Fairview Hiawatha Clinic												
Fairview Highland Park Clinic												
Fairview Hugo Clinic												
Fairview Jonathan Clinic												
Fairview Lakes Medical Center												
Fairview Lakeville Clinic												
Fairview Lino Lakes Clinic												
Fairview Maple Grove Medical Center												
Fairview Mesaba Clinic - Hibbing												
Fairview Mesaba Clinic - Mountain Iron												
Fairview Mesaba Clinic - Nashwuk												
Fairview Milaca Clinic												
Fairview North Branch Clinic												
Fairview Northeast Clinic												
Fairview Oxboro Clinic												
Fairview Pine City Clinic												
Fairview Princeton Clinic												
Fairview Red Wing Ellsworth Clinic												
Fairview Red Wing Medical Center												
Fairview Red Wing Zumbrota Clinic												
Fairview Ridges Clinic												
Fairview RidgeValley Clinic												
Fairview Riverside Women's Clinic												
Fairview Rogers Clinic												
Fairview Rosemount Clinic												
Fairview Rush City Clinic												
Fairview Sports and Othropic Care - Burnsville												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT USE EXCHANGE								
= Milestone Achieved		= Milestone Not Achieved										
CLINIC NAME	ADOPT			USE			EXCHANGE					
Fairview Uptown Clinic												
Fairview Zimmerman Clinic												
Family HealthServices Minnesota - Afton Road												
Family HealthServices Minnesota - Banning Avenue												
Family HealthServices Minnesota - Gorman Clinic												
Family HealthServices Minnesota - Highland Family Physicians												
Family HealthServices Minnesota - Inver Grove Heights												
Family HealthServices Minnesota - Larpenteur Clinic												
Family HealthServices Minnesota - Maryland Clinic												
Family HealthServices Minnesota - North St. Paul Clinic												
Family HealthServices Minnesota - Shoreview												
Family HealthServices Minnesota - Vadnais Heights Office												
Family HealthServices Minnesota - White Bear Office												
Family HealthServices Minnesota - Woodbury Office												
Family HealthServices Minnesota - Woodlane Family Practice												
Family Medical Center - Community Medical Center Pierz												
Family Medical Center - Little Falls												
Family Medicine of Winona												
Family Practice Medical Center of Willmar												
FamilyHealth Medical Clinic - Farmington												
FamilyHealth Medical Clinic - Lakeville												
FamilyHealth Medical Clinic - Lonsdale												
FamilyHealth Medical Clinic - Northfield												
Farmington Clinic												
Female Pelvic Medicine & Reconstructive Surgery												
Fergus Falls Medical Group												
First Care Medical Services Clinic												
Foley Medical Center												
France Avenue Family Physicians												
Fremont Community Health Services - Central Avenue Clinic												
Fremont Community Health Services - Fremont Clinic												
Fremont Community Health Services - Sheridan												
Fridley Children's & Teenagers' Medical Center												
Gary E. Schnitker, MD, PA												
Gateway Family Health Clinic - Hinckley												
Gateway Family Health Clinic - Moose Lake												
Gateway Family Health Clinic - Sandstone												
Gillette Children's Specialty Healthcare - Burnsville Clinic												

Table 20: Health Information Technology Results by Clinic


What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
Gillette Children's Specialty Healthcare - Maple Grove Clinic													
Gillette Children's Specialty Healthcare - Minnetonka Clinic													
Gillette Children's Specialty Healthcare - St Paul Clinic													
Gillette Lifetime Specialty Healthcare													
Glencoe Regional Health Services													
Glenwood Medical Center													
Graceville Health Center Clinic													
Grand Itasca Clinic													
Green Central Medical Clinic													
Hamm Clinic													
Hartberg Medical Clinic													
Healing Spirit Clinic													
HealthEast - Cottage Grove													
HealthEast - Downtown St. Paul													
HealthEast - Eagan													
HealthEast - Grand Avenue													
HealthEast - Hugo													
HealthEast - Maplewood													
HealthEast - Midway													
HealthEast - Oakdale													
HealthEast - Rice Street													
HealthEast - Roselawn													
HealthEast - St. Anthony Park													
HealthEast - Vadnais Heights													
HealthEast - Woodbury													
HealthPartners - Apple Valley													
HealthPartners - Arden Hills													
HealthPartners - Bloomington													
HealthPartners - Brooklyn Center													
HealthPartners - Center for International Health													
HealthPartners - Como													
HealthPartners - Coon Rapids													
HealthPartners - Cottage Grove Clinic													
HealthPartners - Health Center for Women													
HealthPartners - Health Specialty Center													
HealthPartners - Inver Grove Heights													
HealthPartners - Inver Grove Heights Psychiatry													



Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT USE EXCHANGE								
= Milestone Achieved		= Milestone Not Achieved										
CLINIC NAME	ADOPT			USE			EXCHANGE					
HealthPartners - Maplewood												
HealthPartners - Midway												
HealthPartners - North Suburban Lino Lakes												
HealthPartners - North Suburban Roseville												
HealthPartners - Parkway Clinic												
HealthPartners - Regions Jackson Street Psychiatry												
HealthPartners - Regions Maplewood Psychiatry												
HealthPartners - Regions Woodbury Psychiatry												
HealthPartners - Riverside												
HealthPartners - Riverside Psychiatry												
HealthPartners - RiverWay Andover												
HealthPartners - RiverWay Anoka												
HealthPartners - RiverWay Elk River												
HealthPartners - Speciality Center												
HealthPartners - St. Paul												
HealthPartners - West												
HealthPartners - West Psychiatry												
HealthPartners - White Bear Lake												
HealthPartners - Woodbury												
HealthPartners Central Minnesota Clinics - St.Cloud												
HealthPartners Central Minnesota Clinics - Well @ Work												
HealthPartners Sleep Health Center												
Heartland Orthopedic Specialists												
Hendricks Clinic P.A.												
HFA - HCMC Ambulatory Burn and Wound Clinic												
HFA - HCMC Bone and Mineral Metabolism Clinic												
Hennepin Faculty Associates - HCMC Brooklyn Center Clinic												
HFA - HCMC Child/Adolescent Psychiatry Clinic												
Hennepin Faculty Associates - HCMC Colorectal Surgery Clinic												
Hennepin Faculty Associates - HCMC Dermatology Clinic												
Hennepin Faculty Associates - HCMC Direct Care Medicine Clinic												
Hennepin Faculty Associates - HCMC Ear, Nose and Throat Clinic												
Hennepin Faculty Associates - HCMC East Lake Clinic												
Hennepin Faculty Associates - HCMC Family Medical Center												
Hennepin Faculty Associates -- HCMC General Surgery Clinic												
Hennepin Faculty Associates -- HCMC GI Medicine Clinic												
Hennepin Faculty Associates - HCMC Hennepin Heart Center												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?

 = Milestone Achieved
  = Milestone Not Achieved

ADOPT: 
 USE: 
 EXCHANGE: 

CLINIC NAME	ADOPT			USE			EXCHANGE		
Hennepin Faculty Associates - HCMC Medicine Clinic									
HFA - HCMC Minnesota Regional Sleep Disorders Center									
Hennepin Faculty Associates - HCMC Neurology Clinic									
Hennepin Faculty Associates - HCMC Neurosurgery Clinic									
Hennepin Faculty Associates - HCMC OB/GYN Clinic									
Hennepin Faculty Associates - HCMC Ophthalmology Clinic									
Hennepin Faculty Associates - HCMC Orthopaedic Specialty Ctr.									
Hennepin Faculty Associates - HCMC Pediatric Clinic									
HFA - HCMC Physical Medicine and Rehabilitation Clinic									
Hennepin Faculty Associates - HCMC Plastic Surgery Clinic									
Hennepin Faculty Associates - HCMC Podiatry Clinic									
Hennepin Faculty Associates - HCMC Positive Care Clinic									
Hennepin Faculty Associates - HCMC Pulmonary Clinic									
Hennepin Faculty Associates - HCMC Rheumatology Clinic									
Hennepin Faculty Associates - HCMC Richfield Clinic									
Hennepin Faculty Associates - HCMC Transplant Clinic									
Hennepin Faculty Associates - HCMC Urology Clinic									
Hennepin Faculty Associates - HCMC Vascular Access Clinic									
Hennepin Faculty Associates - HCMC Whittier Clinic									
Hennepin Faculty Associates - Hennepin Bariatric Center									
HFA - Hennepin Center for Diabetes & Endocrinology									
Hennepin Faculty Associates - Hennepin Center for Senior Care									
HFA - Hennepin Comprehensive Cancer Center									
HFA - HFA Addiction Medicine Clinic - 8th Street									
HFA - HFA Addiction Medicine Clinic - Park Avenue									
Hennepin Faculty Associates - HFA Alternative Medicine Clinic									
Hennepin Faculty Associates - HFA Eye Clinic and Optical Shop									
Hennepin Faculty Associates - HFA Inst. for Bone and Joint Care									
Hennepin Faculty Associates - HFA Internal Medicine Clinic									
Hennepin Faculty Associates - HFA Interventional Pain Clinic									
Hennepin Faculty Associates - HFA Multispecialty Clinic									
HFA - HFA OB/GYN in Specialty Services Clinic									
Hennepin Faculty Associates - HFA Pediatric Clinic									
Hennepin Faculty Associates - HFA Psychiatry Clinic									
Hennepin Faculty Associates - HFA Riverside Surgery Clinic									
Hennepin Faculty Associates - HFA Senior Care Clinic at Augustana									
Hennepin Faculty Associates - HFA Specialty Services Clinic									
Henning Medical Clinic									

Table 20: Health Information Technology Results by Clinic

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

Table 20: Health Information Technology Results by Clinic









What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
Kidney Specialists of Minnesota, PA - Coon Rapids													
Kidney Specialists of Minnesota, PA - Minneapolis													
Kidney Specialists of Minnesota, PA - St. Paul													
Kidney Specialists of Minnesota, PA - Robbinsdale													
Lake Benton Healthcare Center													
Lake Superior Community Health Center - Duluth													
Lake View Clinic - Two Harbors													
Lakeland Mental Health Center - Alexandria													
Lakeland Mental Health Center - Detroit Lakes													
Lakeland Mental Health Center - Fergus Falls													
Lakeland Mental Health Center - Glenwood													
Lakeland Mental Health Center - Moorhead													
Lakes Area Urology													
Lakeview Medical Clinic													
LakeWood Health Center Clinic													
Lakewood Health System - Browerville Clinic													
Lakewood Health System - Eagle Valley Clinic													
Lakewood health System - Motley Clinic													
Lakewood Health System - Pillager Clinic													
Lakewood Health System - Staples Clinic													
Life Medical													
LifeSteps Family Physicians PA													
Little Falls Northern Pine Mental Health													
Lufkin Eye Clinic, PA													
Mankato Clinic - Daniel's Health Center													
Mankato Clinic - Lake Crystal													
Mankato Clinic - Main Street													
Mankato Clinic - Mapleton													
Mankato Clinic - North Mankato													
Mankato Clinic - Wickersham Campus													
Mankato Clinic Dep. of Dermatology, Diabetes & Nutrition Edu.													
Mankato Clinic Department of Psychiatry & Psychology													
Mankato Clinic Endoscopy Center													
Maplewood Cancer center													
MAPS Medical Clinic - Edina													
MAPS Medical Clinic - Maple Grove													

Table 20: Health Information Technology Results by Clinic









What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
MAPS Medical Pain Clinic - Coon Rapids													
Marshall Clinic													
Mayo Clinic - Baldwin Building, Family Medicine													
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine													
Mayo Clinic - Generose Building													
Mayo Clinic - Kasson													
Mayo Clinic - Northeast													
Mayo Clinic - Northwest													
Mayo Clinic - Referral Practice													
Mayo Health System - Franciscan Skemp - Prairie de Chien													
Mayo Health System - Albert Lea Medical Center													
Mayo Health System - Albert Lea Medical Center - Alden Clinic													
Mayo Health System - Albert Lea Medical Center - Kiester Clinic													
Mayo Health System - Albert Lea Medical Center - New Richland													
Mayo Health System - Albert Lea Medical Center - Wells Clinic													
Mayo Health System - Austin Medical Center - Adams Clinic													
Mayo Health System - Austin Medical Center - Blooming Prairie													
Mayo Health System - Austin Medical Center - Grand Meadow													
Mayo Health System - Austin Medical Center - LeRoy Clinic													
Mayo Health System - Cannon Falls Medical Center													
Mayo Health System - Cannon Valley Clinic - Kenyon													
Mayo Health System - Fairmont Medical Center													
Mayo Health System - Fairmont Medical Center - Armstrong Clinic													
Mayo Health System - Fairmont Medical Center - Sherburn													
Mayo Health System - Fairmont Medical Center - Truman Clinic													
Mayo Health System - Franciscan Skemp - Arcadia													
Mayo Health System - Franciscan Skemp - Caledonia													
Mayo Health System - Franciscan Skemp - LaCrescent													
Mayo Health System - Franciscan Skemp - LaCrosse													
Mayo Health System - Franciscan Skemp - Sparta													
Mayo Health System - Franciscan Skemp - Holmen													
Mayo Health System - Franciscan Skemp - Lake Tomah													
Mayo Health System - Franciscan Skemp - Onalaska													
Mayo Health System - Immanuel St. Joseph's - Comfrey Clinic													
Mayo Health System - Immanuel St. Joseph's - Janesville Clinic													
Mayo Health System - Immanuel St. Joseph's - Lamberton Clinic													
Mayo Health System - Immanuel St. Joseph's - Trimont Clinic													

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?																
	= Milestone Achieved				= Milestone Not Achieved			ADOPT			USE			EXCHANGE		
CLINIC NAME	ADOPT			USE			EXCHANGE									
Mayo Health System - Immanuel St. Joseph's - Waterville Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - Madelia	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - Mankato Eastridge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - Mankato Northridge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - St. James	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - St. Peter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - Waseca	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph - Parkview Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Lake City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Lake City Medical Center - Alma Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Lake City Medical Center - Plainview Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Luther Midelfort - Chippewa Valley	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Luther Midelfort - Eau Claire	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Luther Midelfort - Northland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Oakridge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Owatonna Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Red Cedar Medical Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Wabasha Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Cannon Valley Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Franciscan Skemp - Waukon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph's - Le Sueur	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
MHS - Immanuel St. Joseph's - Mankato Specialty Care	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Immanuel St. Joseph's - Springfield	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Mayo Health System - Austin Medical Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
MD Clinic, INC.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Medical Care Services, PA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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Table 20: Health Information Technology Results by Clinic












What does this Information Mean?										
	= Milestone Achieved				= Milestone Not Achieved			<div style="display: flex; justify-content: space-between; width: 100%;"> ADOPT USE EXCHANGE </div> <div style="display: flex; justify-content: space-between; width: 100%; border: 1px solid black; padding: 2px;"> <div style="display: flex; gap: 5px;">    </div> <div style="display: flex; gap: 5px;">    </div> <div style="display: flex; gap: 5px;">    </div> </div>		
CLINIC NAME	ADOPT			USE			EXCHANGE			
MeritCare - Children's Southwest										
MeritCare - Detroit Lakes										
MeritCare - Detroit Lakes Behavioral Health										
MeritCare - East Grand Forks										
MeritCare - Edgeley										
MeritCare - Enderlin										
MeritCare - Endocrinology										
MeritCare - Fargo Dermatology & Laser Clinic										
MeritCare - Halstad										
MeritCare - Hawley										
MeritCare - Hillsboro										
MeritCare - Jamestown										
MeritCare - Mahnomon										
MeritCare - Mayville										
MeritCare - Neuroscience Center										
MeritCare - New York Mills										
MeritCare - North Fargo										
MeritCare - Occupational Health										
MeritCare - Ottertail										
MeritCare - Pelican Rapids										
MeritCare - Perham										
MeritCare - Preventive Cardiology										
MeritCare - Professional Building										
MeritCare - Reproductive Medicine										
MeritCare - Resident Clinic										
MeritCare - Roger Maris Cancer Center										
MeritCare - South Moorhead										
MeritCare - South Moorhead Family Medicine										
MeritCare - South Moorhead Internal Medicine										
MeritCare - South University										
MeritCare - South University Walk-in Clinic										
MeritCare - Southpointe										
MeritCare - Southpointe Family Medicine										
MeritCare - Southpointe Internal Medicine										
MeritCare - Thief River Falls Northwest Clinic										
MeritCare - Twin Valley										
MeritCare - Ulen										

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE						
	= Milestone Achieved				= Milestone Not Achieved											
CLINIC NAME	ADOPT			USE			EXCHANGE									
MeritCare - Valley City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
MeritCare - Wahpeton	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
MeritCare - Walker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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Metro Urology - Maplewood Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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Metro Urology - St. Paul Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Metro Urology - Woodbury Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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Minneapolis Clinic of Neurology - Coon Rapids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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MLC/ Minnesota Sleep Institute - Burnsville 501 Nicollet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE				
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CLINIC NAME	ADOPT			USE			EXCHANGE							
Minnesota Lung Center/Minnesota Sleep Institute - Fridley	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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Multicare Associates - Roseville Medical Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Murray County Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Native American Community Clinic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Neurosurgical Associates, Ltd. - 28th Street	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Neurosurgical Associates, Ltd.- France Avenue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
New Spirit Women's Clinic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Brooklyn Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Burnsville	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Edina	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Fridley	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Maplewood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - Minneapolis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Noran Clinic - West Health	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
North Clinic - Maple Grove Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
North Clinic - Oakdale Office in Robbinsdale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
North Clinic - Osseo Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
North Clinic - WestHealth Office in Plymouth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
North Memorial Clinic - Brooklyn Center Physicians	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
North Memorial Clinic - Brooklyn Park Physicians	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
North Memorial Clinic - Camden Physicians - Mpls	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE		
= Milestone Achieved = Milestone Not Achieved												
CLINIC NAME	ADOPT			USE			EXCHANGE					
North Memorial Clinic - Camden Physicians Maple Grove												
North Memorial Clinic - Camden Physicians Plymouth												
North Memorial Clinic - Elk River Physicians												
North Memorial Clinic - Golden Valley Physicians												
North Memorial Clinic - Minnetonka Physicians												
North Memorial Clinic - Northeast Family Physicians												
North Memorial Clinic - Plymouth Internal Medicine												
North Memorial Heart & Vascular Institute												
North Metro Pediatrics												
North Radiation Therapy Center												
North Urology, Ltd												
Northeast Pediatric Clinic												
Northern Lights Pediatric & Adolescent Medicine - Hugo												
Northern Lights Pediatric & Adolescent Med. - Vadnais Heights												
Northfield Eye Physicians and Surgeons												
Northland Ear Nose and Throat Associates, PA												
Northland Plastic Surgery, PA												
NorthPoint Health & Wellness Center												
Northside Medical Clinic												
Northstar Physicians - Central Lakes Medical Clinic												
NP - Central Lakes Medical Clinic-Internal Medicine												
Northstar Physicians - Christopher J Wenner, MD, PA												
Northstar Physicians - Cromwell Medical Clinic												
Northstar Physicians-Dermatology Professionals, PA												
Northstar Physicians - Duluth Family Practice Center												
Northstar Physicians - Iron Range Clinic												
Northstar Physicians - Lake Superior Internal Medicine												
Northstar Physicians - Longville Lakes Clinic												
NP - North Woods Community Health Center in Hayward												
Northstar Physicians - Northland Family Physicians												
Northstar Physicians - Raiter Clinic												
Northstar Physicians-Joseph Sivak, MD, PLLC												
Northstar Physicians-Kundel Pediatric Associates												
Northstar Physicians-Kurtis A Waters, MD, PA												
Northstar Physicians-Northland Gastroenterology												
Northstar Physicians - Relf Eye Associates												
Northstar Physicians - The Lakes Community Health Center												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT USE EXCHANGE								
= Milestone Achieved		= Milestone Not Achieved										
CLINIC NAME	ADOPT			USE			EXCHANGE					
Northwest Eye - Elk River												
Northwest Eye - Maple Grove												
Northwest Eye - Minnetonka												
Northwest Eye - Plymouth												
Northwest Eye - Robbinsdale												
Northwest Eye - Rogers												
Northwest Eye - St. Anthony												
Northwest Eye - Wayzata Suite 105												
Northwest Eye - Wayzata Suite 107												
Northwest Family Physicians - Crystal												
Northwest Family Physicians - Plymouth												
Northwest Family Physicians - Rogers												
Oakdale Obstetrics & Gynecology, PA - Arbor Lakes Medical Bldg.												
Oakdale Obstetrics & Gynecology, PA - Brooklyn Park												
Oakdale Obstetrics & Gynecology, PA - Maple Grove												
Oakdale Obstetrics & Gynecology, PA - Oakdale Medical Building												
Oakdale Obstetrics & Gynecology, PA - WestHealth												
Obstetrics & Gynecology Specialists, P.A. - Burnsville												
Obstetrics & Gynecology Specialists, P.A. - Edina												
Obstetrics, Gynecology & Infertility - Maple Grove												
Obstetrics, Gynecology & Infertility, PA - Edina												
Olmsted County Rapid Access Clinic												
Olmsted Medical Center - Byron Clinic												
Olmsted Medical Center - Chatfield Clinic												
Olmsted Medical Center - Pine Island Clinic												
Olmsted Medical Center - Plainview Clinic												
Olmsted Medical Center - Preston Clinic												
Olmsted Medical Center - Rochester Northwest												
Olmsted Medical Center - Rochester Southeast												
Olmsted Medical Center - Spring Valley Clinic												
Olmsted Medical Center - St. Charles Clinic												
Olmsted Medical Center - Stewartville Clinic												
Olmsted Medical Center - Wanamingo Clinic												
One Stop Medical Center - Crystal												
One Stop Medical Center - Edina												
One Stop Medical Center - Shoreview												
One Stop Medical Center - Dunlap												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?																
	= Milestone Achieved				= Milestone Not Achieved											
CLINIC NAME	ADOPT			USE			EXCHANGE									
Open Cities Health Center - Northend																
Open Door Health Center																
Ophthalmology Associates																
Orthopaedic and Fracture Clinic																
Orthopaedic Associates of Duluth, P.A.																
Osceola Medical Center																
Osceola Medical Center - St. Paul Eye Clinic																
Ottertail Medical Center																
Ottertail Area Medical Center																
Park Nicollet Clinic - Heart and Vascular																
Park Nicollet Clinic - Meadowbrook																
Park Nicollet Clinic - St. Louis Park Endocrinology																
Park Nicollet Clinic - Bloomington																
Park Nicollet Clinic - Brookdale																
Park Nicollet Clinic - Burnsville																
Park Nicollet Clinic - Carlson																
Park Nicollet Clinic - Chanhassen																
Park Nicollet Clinic - Creekside																
Park Nicollet Clinic - Eagan																
Park Nicollet Clinic - Golden Valley																
Park Nicollet Clinic - Maple Grove																
Park Nicollet Clinic - Minneapolis																
Park Nicollet Clinic - Plymouth																
Park Nicollet Clinic - Prairie Center																
Park Nicollet Clinic - Prior Lake																
Park Nicollet Clinic - Shakopee																
Park Nicollet Clinic - St. Louis Park Family Medicine																
Park Nicollet Clinic - St. Louis Park Internal Medicine																
Park Nicollet Clinic - Wayzata																
Park Nicollet Clinic - Shorewood																
Park Nicollet Clinic - St. Louis Park 3800 Bldg.																
Park Nicollet Clinic - St. Louis Park 3850 Bldg.																
Park Nicollet Clinic - St. Louis Park 3900 Bldg.																
Park Nicollet Clinic - St. Louis Park Psychiatry																
Park Nicollet Frauenshuh Cancer Center																
Park Nicollet Melrose Institute																
Park Nicollet Struthers Parkinson's Center																

Table 20: Health Information Technology Results by Clinic









What does this Information Mean?				ADOPT			USE			EXCHANGE			
	= Milestone Achieved				= Milestone Not Achieved								
CLINIC NAME	ADOPT			USE			EXCHANGE						
Parkview Medical Clinic													
Parkway Family Physicians													
Partners in Pediatrics - Brooklyn Park													
Partners in Pediatrics - Maple Grove													
Partners in Pediatrics - Phymouth													
Partners in Pediatrics - Rogers													
Partners in Pediatrics - Uptown													
Partners Obstetrics & Gynecology, PA													
Paul Larson OB/GYN Clinic, PA													
Pavelka Reproductive Associates													
Paynesville Chain of Lakes Medical Clinic													
Paynesville Eastside Medical Clinic													
Paynesville Eden Valley Medical Clinic													
Paynesville Green Lake Medical Clinic													
Paynesville Medical Clinic													
Paynesville Richmond Medical Clinic													
Paynesville Watkins Medical Clinic													
Pedoatroc and Young Adult Medicine, PA - Eagan													
Pediatric and Young Adult Medicine, PA - Hudson													
Pediatric and Young Adult Medicine, PA - Lake Elmo													
Pediatric and Young Adult Medicine, PA - Maplewood													
Pediatric and Young Adult Medicine, PA - St. Paul													
Pediatric Services													
Pediatric Surgical Associates, LTD - Buffalo													
Pediatric Surgical Associates, LTD - Burnsville													
Pediatric Surgical Associates, LTD - Duluth													
Pediatric Surgical Associates, LTD - Maple Grove													
Pediatric Surgical Associates, LTD - Minneapolis													
Pediatric Surgical Associates, LTD - Minnetonka													
Pediatric Surgical Associates, LTD - Sartell													
Pediatric Surgical Associates, LTD - St. Cloud													
Pediatric Surgical Associates, LTD - St. Paul													
Pelvic Floor Center													
Phoenix Center													
Physicians Diagnostics & Rehabilitations - Southdale													
Physicians Neck & Back													
Physicians Neck & Back - Eden Prairie													

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE			
= Milestone Achieved = Milestone Not Achieved													
CLINIC NAME	ADOPT			USE			EXCHANGE						
Physicians Neck & Back Clinics - Lakeville													
Physicians Neck & Back Clinics - Maple Grove													
Physicians Neck & Back Clinics - Roseville													
Physicians Neck & Back Clinics - Woodbury													
Pine River Family Clinic													
Polinsky													
PPMNS - Albert Lea													
PPMNS - Alexandria													
PPMNS - Apple Valley													
PPMNS - Bemidji													
PPMNS - Brainerd													
PPMNS - Brooklyn Park													
PPMNS - Burnsville													
PPMNS - Centro de Salud													
PPMNS - Duluth													
PPMNS - Eden Prairie													
PPMNS - Fairmont													
PPMNS - Grand Rapids													
PPMNS - Highland Park													
PPMNS - Mankato													
PPMNS - Minneapolis													
PPMNS - Moorhead													
PPMNS - Owatonna													
PPMNS - Red Wing													
PPMNS - Rice Street													
PPMNS - Rochester													
PPMNS - St Cloud													
PPMNS - Thief River Falls													
PPMNS - Virginia													
PPMNS - Willmar													
PPMNS - Woodbury													
Queen of Peace Hospital - Outpatient Clinic													
Quello Clinic - Burnsville													
Quello Clinic - Chanhassen													
Quello Clinic - Eden Prairie													
Quello Clinic - Lakeville													
Quello Clinic - Savage													

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT			USE			EXCHANGE			
= Milestone Achieved = Milestone Not Achieved													
CLINIC NAME	ADOPT			USE			EXCHANGE						
Rainy Lake Medical Center													
Range Medical Services, Ltd.													
Red Lake Hospital Outpatient Clinic													
Regional Eye Specialists													
Renville County Hospital and Clinics - Hector													
Renville County Hospital and Clinics - Olivia													
Renville County Hospital and Clinics - Renville													
Richard Schoewe MD													
Richfield Medical Group													
Ridges Radiation Therapy													
Ridgeview Chanhassen Clinic													
Ridgeview Delano Clinic													
Ridgeview Excelsior Clinic													
Ridgeview Howard Lake Clinic													
Ridgeview Westonka Clinic													
Ridgeview Winsted Clinic													
River of Life Services													
River's Edge Clinic													
RiverPlace Clinic, Inc.													
Riverside Endoscopy Center													
Riverside Family Physicians													
RiverView Clinic East Grand Forks													
RiverView Clinic Fertile													
RiverView Clinic North													
RiverView Clinic Red Lake Falls													
RiverView Specialty													
Riverwood Aitkin Clinic													
Riverwood Garrison Clinic													
Riverwood McGregor Clinic													
Robbinsdale Clinic, PA													
Ronald R Vessey MD Internal Medicine Services PA													
Sacred Heart Mercy Health Care Center													
Sanford Clinic - Luverne													
Sanford Clinic - Mountain Lake													
Sanford Clinic - Worthington													

Table 20: Health Information Technology Results by Clinic












What does this Information Mean?									
 = Milestone Achieved	 = Milestone Not Achieved	ADOPT	USE	EXCHANGE					
		  	  	  					
CLINIC NAME	ADOPT			USE			EXCHANGE		
Sanford Clinic Adrian									
Sanford Clinic Canby									
Sanford Clinic Jackson									
Sanford Clinic Lakefield									
Sanford Clinic Tracy/Balaton/Walnut Grove									
Sanford Clinic Westbrook									
Sanford Clinic Windom									
Sawtooth Mountain Clinic, Inc.									
Scenic Rivers Health Services - Big Falls Clinic									
Scenic Rivers Health Services - Bigfork									
Scenic Rivers Health Services - Cook									
Scenic Rivers Health Services - Floodwood									
Scenic Rivers Health Services - Northome									
Sebeka Medical Clinic									
Sharpe Dillon Cockson & Associates PA									
Sibley Medical Center - Arlington									
Silver Lake Clinic - Shoreview									
Silver Lake Clinic - St. Anthony									
SMDC Medical Center - Duluth Clinic									
SMDC Medical Center - DC First Street Building									
SMDC Medical Center - DC Hermantown									
SMDC Medical Center - DC Lakeside									
SMDC Medical Center - DC West									
SMDC Medical Center - Miller Dawn									
SMHS/DC - Superior									
South Lake Pediatrics - Children's West									
South Lake Pediatrics - Eden Prairie									
South Lake Pediatrics - Maple Grove									
South Lake Pediatrics - Minnetonka									
South Lake Pediatrics - Plymouth									
South Lake Pediatrics - St. Louis Park									
Southdale Allergy and Asthma Clinic LLC									
Southdale Internal Medicine, P.A									
Southdale Obstetrics and Gynecology Consultants, PA - Edina									
Southdale Obstetrics and Gynecology Consultants, PA - Burnsville									
Southdale Otolaryngology, P.A									
Southdale Pediatric Associates, Ltd. - Burnsville									

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?				ADOPT USE EXCHANGE								
= Milestone Achieved		= Milestone Not Achieved										
CLINIC NAME	ADOPT			USE			EXCHANGE					
Southdale Pediatric Associates, Ltd- Eden Prairie												
Southdale Pediatric Associates, Ltd- Edina												
Southdale Radiation Therapy												
Southern Metro Medical Clinics - Belle Plaine Clinic												
Southern Metro Medical Clinics - Le Sueur Medical Clinic												
Southern Metro Medical Clinics - Montgomery Medical Clinic												
Southern Metro Medical Clinics - New Prague Medical Clinic												
Southside Medical Clinic												
Southwest Minnesota Orthopedics and Sports Medicine - Marshal												
Southwest Minnesota Orthopedics and Sports Medicine - Slayton												
Southwest Mental Health Center, Inc. - Jackson												
Southwest Mental Health Center, Inc. - Luverne												
Southwest Mental Health Center, Inc. - Pipestone												
Southwest Mental Health Center, Inc. - Windom												
Southwest Mental Health Center, Inc. - Worthington												
St Cloud State University Student Health Services												
St Paul Allergy & Asthma Clinic, P.A. Highland												
St Paul Cancer Center												
St. Cloud Ear, Nose & Throat												
St. Cloud Ear, Nose & Throat - Alexandria												
St. Cloud Ear, Nose & Throat - Little Falls												
St. Cloud Ear, Nose & Throat - Sauk Centre												
St. Cloud Ear, Nose & Throat - Staples												
St. Cloud Hospital - Behavioral Health Clinic												
St. Cloud Medical Group - Clearwater Medical Clinic												
St. Cloud Medical Group - Cold Spring Medical Clinic												
St. Cloud Medical Group - Northwest												
St. Cloud Medical Group - South												
St. Croix Family Medical Clinic												
St. Francis Radiation Therapy												
St. Joseph's Medical Center - Crosslake Family Clinic												
St. Joseph's Medical Center - Hackensack Clinic												
St. Joseph's Medical Center - Pequot Family Clinic												
St. Joseph's Medical Center - Pierz Family Clinic												
St. Joseph's Medical Center - Pillager Family Clinic												
St. Joseph's Medical Center - Pine River Family Clinic												
St. Luke's Clinics - Bay Area												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?												
CLINIC NAME	ADOPT			USE			EXCHANGE					
St. Luke's Clinics- Cardiology Assoc. - Lakeview Building	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Chequamegon Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Denfeld	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Duluth Internal Medicine Associates	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Endocrinology Associates	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Hibbing Family Medical Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Internal Medicine Associates	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Laurentian	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Mariner Medical Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Miller Creek	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - Mount Royal	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Luke's Clinics - P.S Rudie Medical Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
St. Mary's Innovis Health - Lake Park	✓	✓	✓	✓	○	○	✓	✓	○			
St. Mary's Innovis Health - Mahanomen	✓	✓	✓	✓	○	○	✓	✓	○			
St. Mary's Innovis Health Clinic - Detroit Lakes	✓	✓	✓	✓	○	○	✓	✓	○			
St. Mary's Innovis Health Clinic - Frazee	✓	✓	✓	✓	○	○	✓	✓	○			
St. Mary's/Duluth Clinic - Ashland	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Aurora	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Chisholm	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - DC Main	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Deer River	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Ely	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Hayward	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Hibbing	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Spooner	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Mary's/Duluth Clinic - Virginia	✓	✓	✓	✓	✓	✓	✓	✓	○			
St. Paul Allergy & Asthma Clinic, P.A - Apple Valley	✓	○	○	○	○	○	○	○	○			
St. Paul Allergy & Asthma Clinic, P.A - Shoreview	✓	○	○	○	○	○	○	○	○			
St. Paul Allergy & Asthma Clinic, P.A - Woodbury	✓	○	○	○	○	○	○	○	○			
St. Paul Cardiology - Maplewood	✓	○	○	○	○	○	○	○	○			
St. Paul Cardiology - St. Paul	✓	○	○	○	○	○	○	○	○			
St. Paul Cardiology - Woodwinds Office	✓	○	○	○	○	○	○	○	○			
St. Paul Eye Clinic, P.A. - Eagan	✓	○	○	○	○	○	○	○	○			
St. Paul Eye Clinic, P.A. - Maplewood	✓	○	○	○	○	○	○	○	○			
St. Paul Eye Clinic, P.A - Roseville	✓	○	○	○	○	○	○	○	○			
St. Paul Eye Clinic, P.A. - St. Paul 7th Street	✓	○	○	○	○	○	✓	○	○			
St. Paul Eye Clinic, P.A. - St. Paul Dunlap	✓	○	○	○	○	○	✓	○	○			

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?												
CLINIC NAME	ADOPT			USE			EXCHANGE					
St. Paul Eye Clinic, P.A. - West St. Paul	✓	○	○	○	○	○	✓	○	○			
St. Paul Eye Clinic, P.A. - Woodbury	✓	○	○	○	○	○	✓	○	○			
St. Paul Heart Clinic - Downtown	✓	○	○	○	○	○	○	○	○			
St. Paul Heart Clinic - Lakeview Heart Center	✓	○	○	○	○	○	○	○	○			
St. Paul Heart Clinic - Maplewood	✓	○	○	○	○	○	○	○	○			
St. Paul Lung Clinic - Maplewood	✓	✓	✓	✓	○	○	✓	✓	○			
St. Paul Lung Clinic - St. Paul	✓	✓	✓	✓	○	○	✓	✓	○			
St. Paul Surgeons, Ltd-Maplewood	✓	○	○	○	○	○	✓	○	○			
St. Paul Surgeons, Ltd-St.Paul	✓	○	○	○	○	○	✓	○	○			
Staples Northern Pines Mental Health	○	○	○	○	○	○	○	○	○			
Steven Saliterman, MD	○	○	○	○	○	○	○	○	○			
Stevens Community Medical Center	✓	○	○	○	○	○	○	○	○			
Stevens Community Medical Center - Specialty Clinic	✓	○	○	○	○	○	○	○	○			
Stevens Community Medical Center - Starbuck Clinic	✓	✓	✓	✓	✓	○	✓	○	○			
Stillwater Medical Group - Curve Crest Clinic	✓	✓	○	✓	○	○	✓	✓	○			
Stillwater Medical Group - Somerset Clinic	✓	✓	○	✓	○	○	✓	✓	○			
Stillwater Medical Group - Women's Center	✓	✓	○	✓	○	○	✓	✓	○			
SuperiorHealth Center - Lakewalk	✓	✓	✓	✓	✓	✓	○	○	○			
SuperiorHealth Center - Proctor	✓	✓	✓	✓	✓	✓	○	○	○			
Surgical Consultants - Burnsville	✓	○	○	○	○	○	○	○	○			
Surgical Consultants - Edina	✓	○	○	○	○	○	○	○	○			
Surgical Consultants - Vein Solutions	✓	○	○	○	○	○	○	○	○			
The Ear Nose and Throat Clinic & Hearing Center	✓	○	○	○	○	○	○	○	○			
The Orthopaedic & Fracture Clinic, P.A. - Mankato	✓	✓	✓	○	○	○	○	○	○			
The Orthopaedic & Fracture Clinic, P.A.- Faribault	✓	✓	✓	○	○	○	○	○	○			
The Orthopaedic & Fracture Clinic at Redwood Area Hospital	✓	✓	✓	○	○	○	○	○	○			
The Orthopaedic & Fracture Clinic at River's Edge Hospital & Clinic	✓	✓	✓	○	○	○	○	○	○			
The Schuster Clinic - Edina	✓	○	○	○	○	○	○	○	○			
Twin Cities Spine Center	✓	✓	✓	✓	○	○	○	○	○			
Tyler Medical Clinic	✓	○	○	○	○	○	○	○	○			
UMP MN Heart Burnsville Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
UMP MN Heart Edina Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
UMP MN Heart Princeton Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
UMP MN Heart University Clinic	✓	✓	✓	✓	○	○	○	○	○			
UMP MN Heart Wyoming Clinic	✓	✓	✓	✓	✓	✓	✓	○	○			
United Family Medicine	✓	○	○	○	○	○	✓	○	○			
United Hospital District Clinic	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Unity Radiation Therapy	✓	○	○	○	○	○	✓	○	○			

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?
 = Milestone Achieved = Milestone Not Achieved

CLINIC NAME	ADOPT			USE			EXCHANGE		
UMP - Autism Spectrum & Neurodevelopmental Disorder									
University of Minnesota Physicians - Bethesda Clinic									
University of Minnesota Physicians -Blood and Marrow Transplant									
University of Minnesota Physicians - Broadway Family Medicine									
University of Minnesota Physicians - Medicine 6 Clinic, Endocrine									
University of Minnesota Physicians - Memory Clinic									
University of Minnesota Physicians - Mill City Clinic									
University of Minnesota Physicians - Neurology Clinic									
University of Minnesota Physicians - Neurosurgery Clinic									
University of Minnesota Physicians - Orthopaedics									
UMP - Pediatric Specialty Clinic (Minneapolis)									
UMP - Pediatric Specialty Clinic (St. Paul)									
University of Minnesota Physicians - Phalen Clinic									
UMP - Physical Medicine & Rehabilitation									
University of Minnesota Physicians - Primary Care Center									
University of Minnesota Physicians - Psychiatry Clinic									
University of Minnesota Physicians - Oncology Clinic									
UMP - Radiation Therapy Center (Wyoming, MN)									
UMP - Reproductive Medicine Center									
University of Minnesota Physicians - Sleep Medicine Clinic									
University of Minnesota Physicians - Smiley's Clinic									
UMP - Specialty Clinic for Children (Burnsville)									
University of Minnesota Physicians - Surgery Clinic									
University of Minnesota Physicians - Transplant Center									
UMP - University Specialists Women's Health									
University of Minnesota Physicians - Urology Clinic									
University of Minnesota Physicians - Women's Health Center									
University of Minnesota Physicians- Breast Center									
University of Minnesota Physicians- Center for Sexual Health									
University of Minnesota Physicians- Delaware St Clinic									
University of Minnesota Physicians- Dermatology Clinic									
University of Minnesota Physicians- ENT Otolaryngology Clinic									
University of Minnesota Physicians- Eye (Ophthalmology)									
University of Minnesota Physicians- Imaging Center (Radiology)									
University of Minnesota Physicians- Masonic Cancer Center									
University of Minnesota Physicians-Allergy and Asthma Clinic									
University of St. Thomas Student Health Service									
Valley Clinic									

Table 20: Health Information Technology Results by Clinic












What does this Information Mean?				ADOPT USE EXCHANGE								
 = Milestone Achieved		 = Milestone Not Achieved		  			  			  		
CLINIC NAME	ADOPT			USE			EXCHANGE					
Valley Family Practice												
Vascular Surgery Associates-Coon Rapids												
Vitreoretinal Surgery, P.A Duluth												
Vitreoretinal Surgery, P.A Edina												
Vitreoretinal Surgery, P.A Minneapolis												
Vitreoretinal Surgery, P.A Oakdale												
Vitreoretinal Surgery, P.A St. Cloud												
Vitreoretinal Surgery, P.A St. Paul												
Vitreoretinal Surgery, P.A West												
VRMC Clinical Services												
Waconia Radiation Therapy												
Wadena Medical Center												
Wayzata Children's Clinic - Chaska												
Wayzata Children's Clinic - Minnetonka												
Wayzata Children's Clinic - Spring Park												
Wayzata Orthopedics												
West Metro Ophthalmology, PA - Buffalo												
West Metro Ophthalmology, PA - Golden Valley												
West Metro Ophthalmology, PA - Monticello												
West Metro Ophthalmology, PA - Plymouth												
West Side Community Health Services - Ann Pierce Rogers												
West Side Community Health Services - Dorothy Day Center												
West Side Community Health Services - East Side Family Clinic												
West Side Community Health Services - La Clinica												
West Side Community Health Services - McDonough Homes Clinic												
W. Side Comm. Health Services - Ramsey County Fam. Service Ctr.												
West Side Community Health Services - Union Gospel Mission												
Western OB/GYN - Chanhausen												
Western OB/GYN - Chaska												
Western OB/GYN - Delano												
Western OB/GYN - Mound												
Western OB/GYN - Waconia												
Western OB/GYN - Watertown												
Western Wisconsin Medical Associates - Ellsworth Medical Clinic												
Western Wisconsin Medical Associates - Hudson Physicians												
Western Wisconsin Medical Associates - New Richmond Clinic												
Western Wisconsin Medical Associates - River Falls Medical Clinic												

Table 20: Health Information Technology Results by Clinic

What does this Information Mean?
 = Milestone Achieved = Milestone Not Achieved

CLINIC NAME	ADOPT			USE			EXCHANGE		
Western Wisconsin Medical Assoc. - Spring Valley Medical Clinic									
WESTHealth Urgent Care									
Westridge Clinic									
Wheaton Community Health Center									
Wheaton Community Medical Center									
Williams/Integracare Quick Clinic									
Winona Health- Lewiston Clinic									
Winona Health - Rushford Clinic									
Winona Health - Winona Health Clinics									
Women's Health Center									
Women's Health Consultants - Chicago Avenue									
Women's Health Consultants - TCF Tower									

MLC - Minnesota Lung Center
 NP - Northstar Physicians
 UMP - University of Minnesota Physicians

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, MNMCM 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 ($r^2=0.31$).
- The correlation between performance rate and advanced/full utilization of EHR for ODC is moderate ($r^2= 0.26$).
- The correlation between performance rate and full adoption of an EHR system for OVC is moderate ($r^2=0.27$).
- The correlation between performance rate and advanced/full utilization of EHR for OVC is moderate ($r^2= 0.21$).

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.

Hospital Measures

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

Quality Measure	2010 Statewide Average (2009 Dates of Service)	Percentage Point Change Statewide 2009 vs. 2010	Percentage Point Change Over Time
“Living with Illness” measures			
Optimal Diabetes Care *[^] (Clinic Level Results)	25.1%	0.2↓	2.7↑ (3 Years)
Optimal Vascular Care * (Clinic Level Results)	33.8%	0	1.2↑ (3 Years)
Depression: Remission at Six Months* (Clinic Level Results)	5.7%	1.1↑	N/A
Depression: Remission at Twelve Months* (Clinic Level Results)	4.5%	N/A	N/A
Controlling High Blood Pressure* (Medical Group Level Results)	72.4%	3.4↑	6.9↑ (4 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 (Medical Group Level Results)	34.5%	N/A	N/A
“Getting Better” measures			
Appropriate Treatment for Children with URI (Medical Group Level Results)	87.6%	0.6↑	1.9↑ (5 years)
Appropriate Treatment for Children with Pharyngitis (Medical Group Level Results)	88.3%	2.3↑	6.5↑ (5 years)
Appropriate Treatment for Adult Bronchitis (Medical Group Level Results)	17.9%	1.4↓	N/A
“Staying Healthy” measures			
Breast Cancer Screening (Mammograms) (Medical Group Level Results)	75.0%	2.1↓	0.3↓ (7 Years)
Cervical Cancer Screening (Pap test) (Medical Group Level Results)	76.9%	0.9↑	0.9↓ (7 Years)
Colorectal Cancer Screening * (Medical Group Level Results)	66.0%	N/A	N/A
Cancer Screening Combined - Ages 51-75 (Breast, Cervical, Colorectal) * (Medical Group Level Results)	54.6%	N/A	N/A
Chlamydia Screening (Ages 16-24) (Medical Group Level Results)	49.0%	1.7↑	N/A
Childhood Immunization Status (Combo 3) * (Medical Group Level Results)	75.6%	2.4↓	23.9↑ (5 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.

Highest Performers in 2010 by Medical Group Type for Clinical Measures

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 at least half 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					●	●	●	●	●	●	●	●	⊘	●
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.

Highest Performers in 2010 by Medical Group Type for Clinical Measures

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	⊘		●	●	⊘	⊘	⊘
Express HealthCare	⊘	●	●	●			⊘
MinuteClinic		●	●	●			
Now Care Medical Center	⊘	●	●				
WestHealth Urgent Care	⊘	●	●	⊘			⊘

● = 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.

Highest Performers in 2010 by Medical Group Type for Clinical Measures

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		●	⊘
Advanced Specialty Care for Women		●	⊘
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	●	

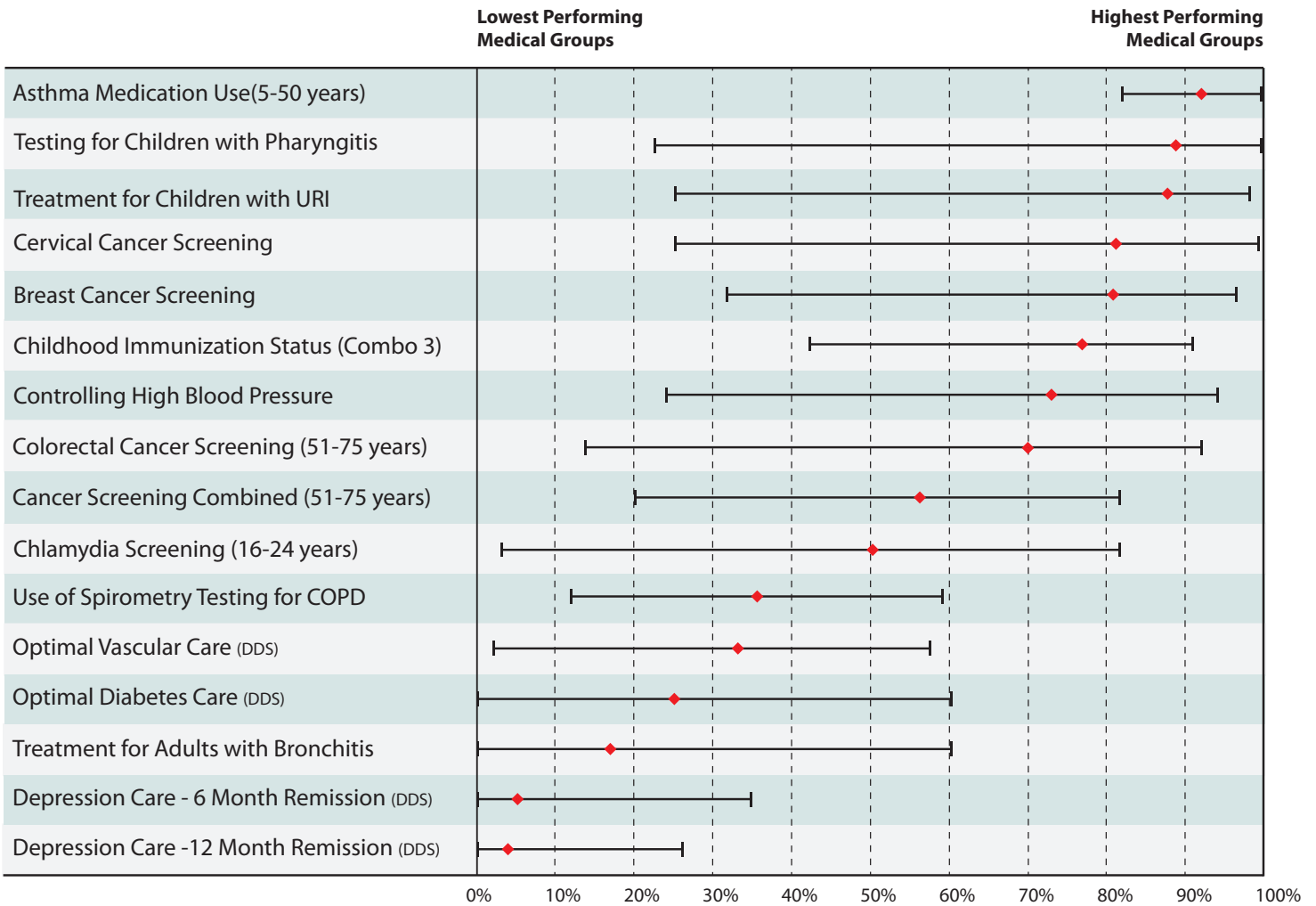
● = Medical group rate and CI fully above average

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

Highest Performers in 2010 by Medical Group Type for Clinical Measures

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

Medical Group Performance Variation in 2010



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 MNMCM 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 MNMCM since the addition of Direct Data Submission (DDS) is our new full population submission option. If a medical group can submitting full population data, MNMCM 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 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

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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 & HMC 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
 Metropolitan 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
 Ridgeview 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 Mpls
 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 Obstetrics/Gynecology Clinics

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

10 Urgent/Convenience Care Clinics

Chaska Urgent Care	Physicians Urgent Care
Emergency Physicians	Priority Pediatrics Urgent Care
Express Healthcare	Suburban Emergency Associates
MinuteClinic	Urgent Care Doctor's Office
Now Care Medical Centers	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	Minnesota Epilepsy Group, PA
Adult and Pediatric Urology	Minnesota Lung Center/Minnesota Sleep Institute
Advanced Dermatology Care	Minnesota Oncology Hematology PA
Advancements in Allergy and Asthma Care	Noran Neurological Clinic
Allergy and Asthma Care	North Urology
Allergy and Asthma Specialists	Northland Ear, Nose and Throat Associates
Allergy, Asthma & Immunology Clinic	Northland Plastic Surgery
Anesthesia Associates of St. Cloud, Ltd.	Northwest Eye Clinic
Associated Eye Care	Ophthalmology Associates of Mankato
Associated SkinCare Specialists, PA	Orthopaedic Associates of Duluth, P.A.
Austin & Treacy, PA	Pediatric Surgical Associates, LTD
Center for Reproductive Medicine	Pelvic Floor Center
Certified Medical Evaluations	Phoenix Center
Children's Respiratory & Critical Care Specialists	Physicians Diagnostics & Rehabilitation
Colon & Rectal Surgery Associates	Physicians Neck and Back Clinics
Courage Center Physicians	Pulmonary & Critical Care Associates
Crutchfield Dermatology	Red Lake Outpatient Clinic
Dermatology Consultants	Regional Eye Specialists
Ear, Nose & Throat Specialty Care	Riverside Endoscopy Center
Edina Plastic Surgery	Southdale Allergy & Asthma Clinic
Eisenstadt Allergy and Asthma, LLP	Southdale Otolaryngology
Heartland Orthopedic Specialists	Southwest MN Orthopedics and Sports Medicine
Institute for Low Back and Neck Care	St Paul Allergy & Asthma Clinic, P.A.
Itasca Surgical Clinic	St. Cloud Ear, Nose & Throat
Janning ENT Center	St. Paul Eye Clinic
Lakes Area Urology	St. Paul Surgeons
Life Medical	The Children's Heart Clinic
Lufkin Eye Clinic	The Ear Nose and Throat Clinic & Hearing Center
MAPS Medical Pain Clinic	The Orthopaedic & Fracture Clinic
Metro Urology	The Schuster Clinic
Mid Minnesota Radiation Oncology	Twin Cities Spine Center
Midwest Ear, Nose & Throat Specialists	Vascular Surgery Associates
Midwest Immunology Clinic	VitreoRetinal Surgery, P.A
Midwest Spine Institute	Wayzata Orthopedics
Minneapolis Clinic of Neurology	West Metro Ophthalmology
Minneapolis Radiation Oncology	

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	Lake View Memorial Hospital & Home	Sanford Canby Medical Center
Albany Area Hospital and Medical Center	**Lakeside Medical Center	Sanford Hospital Luverne
Albert Lea Medical Center - Mayo Health System	Lakeview Hospital	Sanford Jackson Medical Center
Appleton Municipal Hospital and Nursing Home	LakeWood Health Center	Sanford Tracy Medical Center
Austin Medical Center - Mayo Health System	Lakewood Health System	Sanford Westbrook Medical Center
Avera Marshall Regional Medical Center	LifeCare Medical Center	Sibley Medical Center
Bigfork Valley Hospital	Long Prairie Memorial Hospital & Home	Sleepy Eye Medical Center
Bridges Medical Center	Madelia Community Hospital	SMDC Health System
Buffalo Hospital	Madison Hospital	Springfield Medical Center - Mayo Health System
Cambridge Medical Center	Mahnomen Health Center	**St. Cloud VA Medical Center
Cannon Falls Med. Center - Mayo Health System	Meeker Memorial Hospital	St. Cloud Hospital
CentraCare Health System - Melrose	Mercy Hospital	St. Francis Healthcare Campus
*Children's Hospitals and Clinics of Minnesota	Mercy Hospital & Health Care Center	St. Francis Regional Medical Center
*Children's Hospitals and Clinics of Minnesota	MeritCare Thief River Falls Northwest Med. Ctr.	St. Gabriel's Hospital
Chippewa County-Montevideo Hospital	Mille Lacs Health System	St. James Medical Center - Mayo Health System
Clearwater Health Services	**Minneapolis VA Medical Center	St. John's Hospital
Cloquet Community Memorial Hospital & C&NC	Minnesota Valley Health Center	St. Joseph's Area Health Services Inc.
Cook County North Shore Hospital	Murray County Medical Center	St. Joseph's Hospital
Cook Hospital & C&NC	New River Medical Center	St. Joseph's Medical Center
Cuyuna Regional Medical Center	New Ulm Medical Center	St. Luke's Hospital
Deer River HealthCare Center	North Country Health Services	St. Mary's Medical Center
District One Hospital	North Memorial Medical Center	St. Mary's Regional Health Center
Douglas County Hospital	North Valley Health Center	St. Michael's Hospital & Nursing Home
ELEAH Medical Center	Northfield Hospital & Long Term Care Center	Stevens Community Medical Center
Ely-Bloomenson Comm. Hosp. & Nursing Home	Orlsted Medical Center	Swift County-Benson Hospital
Fairmont Medical Center - Mayo Health System	Ontonville Area Health Services	Tri-County Health Care
Fairview Lakes Regional Medical Center	Owatonna Hospital	Tyler Healthcare Center/Avera
Fairview Northland Medical Center	Park Nicollet Methodist Hospital	United Hospital
Fairview Red Wing Medical Center	Paynesville Area Health Care System	United Hospital District
Fairview Ridges Hospital	Perham Memorial Hospital and Home	Unity Hospital
Fairview Southdale Hospital	Phillips Eye Institute	University of Minnesota Medical Center, Fairview
Fairview University Medical Center - Mesabi	Pine Medical Center	Virginia Regional Medical Center
First Care Medical Services	Pipestone County Medical Center	Waseca Medical Center - Mayo Health System
*Gillette Children's Specialty Healthcare	Queen of Peace Hospital	Wheaton Community Hospital
Glacial Ridge Health System	Rainy Lake Medical Center	White Community Hospital & C&NC
Glencoe Regional Health Services	RC Hospital & Clinics	Windom Area Hospital
Graceville Health Center	**Red Lake Hospital	Winona Community Memorial Hospital
Grand Itasca Clinic and Hospital & C&NC	Redwood Area Hospital	Woodwinds Health Campus
Granite Falls Municipal Hospital & Manor	Regina Medical Center	Worthington Regional Hospital
Hendricks Community Hospital Association	Regions Hospital	
Hennepin County Medical Center	Rice Memorial Hospital	
Hutchinson Area Health Care	Ridgeview Medical Center	
Immanuel St. Joseph's - Mayo Health System	River's Edge Hospital & Clinic	
Johnson Memorial Health Services	RiverView Health	
Kanabec Hospital	Riverwood HealthCare Center	
Kittson Memorial Healthcare Center	Rochester Methodist Hospital	
Lake City Medical Center - Mayo Health System	Saint Elizabeth's Medical Center	
Lake Region Healthcare Corporation	Saint Marys Hospital	
		*Reported AHRQ Measures only
		**Reported CMS Measures only

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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.

Optimal Diabetes Care (Clinic Level Results)

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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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 - Mahanomen	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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%	29.8%	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Lakes Medical Center	25.9%	25.5%	937	Total Population
MeritCare - Perham	25.9%	27.1%	351	Total Population
△ 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
△ 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%	451	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%	120	Sample
Richfield Medical Group	23.3%	22.5%	60	Sample
Innovis Health - Lisbon	23.3%	24.2%	60	Sample
St. Cloud Medical Group - South	23.3%	22.4%	60	Sample
Mankato Clinic - Daniel's Health Center	23.3%	20.5%	60	Sample
Family Medicine of Winona	23.3%	23.8%	60	Sample
Immanuel St. Joseph - Mankato Specialty Clinic	23.3%	25.5%	60	Sample
Franciscan Skemp - LaCrosse	23.3%	23.5%	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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
△ 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	Total Population
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
△ MN Center for Obesity, Metabolism, and Endocrinology	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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	13.8%	14.4%	463	Total Population
Parkview Medical Clinic	13.7%	14.6%	73	Total Population
North Memorial Clinic - Northeast Family Physicians	13.6%	13.0%	176	Total Population
Sanford Clinic Westbrook	13.6%	13.7%	66	Sample
MeritCare - Thief River Falls Northwest Clinic	13.6%	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	Total Population
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
△ HFA - Hennepin Center for Diabetes & Endocrinology	11.1%	12.2%	377	Total Population
Hennepin Faculty Associates - Hennepin Family Care E. Lake Clinic	11.0%	10.6%	283	Total Population
Renville County Hospital and Clinics - Hector	10.9%	12.5%	55	Total Population

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

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	4.9%	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

△ Endocrinology

Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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	Total Population

△ Endocrinology

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Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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%	59.7%	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%	59.8%	152	Total Population
Family HealthServices Minnesota - White Bear Office	59.6%	57.5%	104	Total Population
Immanuel St. Joseph - Mankato Northridge	58.3%	59.6%	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

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

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	47.6%	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	46.9%	46.3%	290	Total Population
CentraCare - Family Medicine-Health Plaza	46.9%	41.5%	32	Total Population
HealthPartners - Coon Rapids	46.8%	45.7%	218	Total Population
Fairview EdenCenter Clinic	46.7%	46.3%	137	Total Population
Immanuel St. Joseph - Waseca	46.7%	46.0%	60	Sample
Luther Midelfort - Eau Claire	46.7%	44.7%	60	Sample
Apple Valley Medical Clinic	46.6%	46.8%	146	Total Population
Park Nicollet Clinic - Eagan	46.2%	44.0%	169	Total Population
HealthPartners - Woodbury	46.1%	47.2%	271	Total Population
Park Nicollet Clinic - Shakopee	46.0%	46.3%	213	Total Population
HealthPartners - Maplewood	46.0%	46.8%	174	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	46.0%	45.3%	346	Total Population
Northstar Physicians - Northland Family Physicians	46.0%	44.8%	37	Total Population
North Clinic - WestHealth Office in Plymouth	45.9%	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	45.0%	44.9%	111	Total Population
Aspen Medical Group - Maplewood	45.0%	44.3%	60	Sample
+St. Paul Heart Clinic - Downtown	45.0%	45.9%	60	Sample
+St. Paul Heart Clinic - Lakeview Heart Center	45.0%	43.7%	60	Sample
Western Wisconsin Medical Associates - New Richmond Clinic	45.0%	43.3%	60	Sample
CentraCare - Internal Medicine River Campus	45.0%	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	44.8%	44.6%	105	Total Population
Allina Medical Clinic - Nicollet Mall	44.8%	45.3%	181	Total Population
Allina Medical Clinic - Forest Lake	44.7%	43.6%	356	Total Population
Affiliated Community Medical Centers - Willmar Clinic	44.6%	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	42.9%	43.3%	196	Total Population
Park Nicollet Clinic - Maple Grove	42.9%	43.5%	119	Total Population
Fairview Maple Grove Medical Center	42.9%	41.6%	63	Total Population

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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
Family HealthServices Minnesota - Woodlane Family Practice	40.0%	42.8%	50	Total Population
Allina Medical Clinic - Annandale	40.0%	41.1%	40	Total Population
Mankato Clinic - Daniel's Health Center	40.0%	39.9%	40	Total Population
Park Nicollet Clinic - Burnsville	39.9%	40.3%	293	Total Population
HealthEast - Cottage Grove	39.9%	38.3%	203	Total Population
Family HealthServices Minnesota - Vadnais Heights Office	39.8%	39.2%	108	Total Population
HealthPartners Central Minnesota Clinics - St. Cloud	39.8%	39.6%	244	Total Population
Allina Medical Clinic - Faribault	39.7%	39.8%	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

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

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

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

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%	114	Total Population
United Hospital District Clinic	31.6%	31.3%	76	Total Population
Northstar Physicians - Iron Range Clinic	31.6%	31.8%	38	Total Population
FamilyHealth Medical Clinic - Northfield	31.6%	31.2%	38	Total Population
Family HealthServices Minnesota - Maryland Clinic	31.4%	32.2%	102	Total Population
HealthPartners - Midway	31.3%	36.3%	96	Total Population
North Memorial Clinic - Plymouth Internal Medicine	31.0%	30.5%	342	Total Population
SMDC Medical Center - DC West	31.0%	30.9%	226	Total Population
Fairview Princeton Clinic	30.7%	30.4%	238	Total Population
Altru Health System - Family Medicine Center	30.7%	30.5%	62	Sample
Immanuel St. Joseph - Mankato Eastridge	30.7%	30.8%	62	Sample
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	30.2%	30.7%	139	Total Population
North Memorial Clinic - Minnetonka Physicians	30.1%	30.1%	156	Total Population

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	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

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

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 - Mahnomon	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

+ Cardiology

Optimal Vascular Care (Clinic Level Results)

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

† Cardiology

Optimal Vascular Care (Clinic Level Results)

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

+ Cardiology

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 www.ncqa.org. 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 MNMCM 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 MNMCM 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 MNMCM for aggregation and validation. These processes are performed by an independent vendor under contract with MNMCM. 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 MNMCM rates are calculated. The preliminary rates are carefully reviewed by MNMCM 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.

Appendix 2: Methodology

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 MNMCM 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 MNMCM 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 MNMCM 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-percent-asymmetrical 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: www.itl.nist.gov/div898/handbook/prc/section2/prc241.htm

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Appendix 2: Methodology

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 Performance 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. MNMCM was able to recast the data from Report Year 2009 and 2008 to reflect 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.

Appendix 2: Methodology

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 and 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 MNMCM-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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Appendix 2: Methodology

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 MNMCM 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 MNMCM 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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Appendix 2: Methodology

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. MNMCM 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 Performance 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. MNMCM was able to recast the data from Report Year 2009 and 2008 to reflect 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.

Appendix 2: Methodology

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 border 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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