



# 2013 Health Care Quality Report

Compare Clinic, Medical Group and Hospital Performance



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December 2013

This is a milestone year for MN Community Measurement (MNCM) as we publish our 10th annual *Health Care Quality Report*. The report has grown and evolved, and its usage by providers, health care systems and health plans in Minnesota has increased. A decade ago, we didn't know where the winding river of data would take us, but we are now sure of one thing: this is an exciting journey, and there is much more to do.

Each year, the data in the *Health Care Quality Report* sheds new light on health care in Minnesota. In an ever-changing health care environment, we strive to provide more robust measures that accurately measure and track health care quality. MNCM also leads the trend to create new measures that address complex health care issues while still being useful for patients and improving care. We have explored new types of measures, such as patient-reported outcome measures (PROMs) that provide valid assessments of self-reported health. And this year, we achieved another high-water mark by working with the Minnesota Department of Health to implement and publish the results of the largest statewide patient experience survey in the nation, including responses from more than 230,000 Minnesotans at more than 650 medical clinics.

As we celebrate our successes, we must not become complacent; we must keep paddling to retain the gains we've made and not lose ground. New data will be needed for continued innovation and improvement in health care. MNCM remains committed to helping the community meet the need for information in a sustainable way, and we anticipate building even more meaningful measures that address health, patient experience of care, and cost, which are key aims of the health care system.

Looking ahead, we know the demand for accountability in health care will continue to increase the need for our measures and for more useful information. Aligning the use of our measures, focusing on high-impact areas, and increasing the efficiency of data collection will be more important than ever. As we dig deep to do more, effective partnerships will be a key to reducing the data collection burden.

MNCM has a proven track record of collaborating with the community to address complex challenges for the health care system. For example, MNCM has worked with more than three dozen committed, expert stakeholders to define a methodology and data collection process to develop a Total Cost of Care measure. Publication of a Total Cost of Care measure with statewide participation would be a first nationwide, and we have taken the first steps.

In addition, the MNHealthScores.org consumer website was recently refreshed to update the average cost-per-procedure data for 100 common procedures, and we continue to work with providers statewide on a program to voluntarily report race, Hispanic ethnicity and preferred language to help address the health disparities gap.

We thank all of our stakeholders, including providers and health plans, employers and consumers, and community partner organizations, for navigating these waters with us over the years, and for helping us look around the bend to the actionable measures that will sustain health care improvement in the future.

Beth Averbeck, MD  
MNCM Board Chair

Jim Chase  
President, MNCM



# **MN Community Measurement 2013 Health Care Quality Report**



# MN Community Measurement 2013 Health Care Quality Report

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# Introduction

The MN Community Measurement *2013 Health Care Quality Report* compares clinic, medical group and hospital performance on clinical measures related to preventive and chronic care, hospital care and health information technology. This is the tenth annual report. The primary purpose is to provide valid, reliable and comparable information for providers to use in their efforts to improve patient care and outcomes.

When MNCM started publicly reporting health care performance results in 2004, we had a vision to improve the quality of health care in Minnesota and neighboring states, but we had no framework to guide our journey. The opinion was that public reporting of health care performance results would drive change. So we began with Healthcare Effectiveness Data Information Set (HEDIS) measures, aggregating data from 10 health plans and reporting results at a medical group level.

In 2005, MNCM became an independent, collaborative, non-profit organization. Our board of directors includes physicians; health plan, hospital and state government executives; and employers and consumers. With the establishment of our mission – to accelerate the improvement of health by publicly reporting health care information – our board provided key strategies to guide us.

In 2008, we piloted a process to collect data directly from clinics, known as Direct Data Submission (DDS). Several clinics voluntarily participated by submitting data directly to MNCM for the Optimal Diabetes Care measure. This process made reporting at a clinic site level possible. At that time, 191 clinics were reported for the Optimal Diabetes Care measure. Today, we report rates on more than 600 clinics for this measure due, in part, to the state health reform law that made data submission mandatory for providers in 2010.

During the past few years, we have expanded the DDS process to include additional clinical measures such as Optimal Vascular Care, Depression Remission at 6 and 12 Months, Optimal Asthma Care, and Colorectal Cancer Screening.

We appreciate the significant contributions of clinics, medical groups, health plans, hospitals and others who contribute data for this report, and to the multitude of community stakeholders who share their expertise on our committees. Achieving our mission to accelerate the improvement of health by publicly reporting health care information relies on this collaborative effort. We continue to strive to be the trusted source for performance measurement and public reporting in our community.

# Executive Summary

MN Community Measurement (MNCM) is a collaborative effort in our community among those who believe that you cannot improve what you do not measure. The mission of MNCM is to accelerate the improvement of health by publicly reporting health care information.

This is the tenth annual *Health Care Quality Report* produced by MN Community Measurement (MNCM), to publicly report on health care performance in Minnesota and surrounding communities.

Included in this report are clinic performance results on 20 clinical quality measures, results on the Health Information Technology (HIT) Survey, and statewide results on ambulatory surgical centers.

## Key Findings

### Clinical Measures:

- Two clinical measures on chronic care management showed noteworthy improvement:
  - o Optimal Asthma Care for Children and Adults– for children, the statewide rate increased from 37 percent in 2012 to 49 percent in 2013, translating into 3,835 more asthmatic children receiving optimal care. For adults, the statewide rate increased from 30 percent in 2012 to 40 percent in 2013, translating to 3,946 more asthmatic patients receiving optimal care.
- One clinical measure on chronic care management showed noticeable improvement:
  - o Follow-Up Care for Children Prescribed ADHD Medication– the statewide rate increased from 41 percent in 2012 to 42 percent in 2013, translating into 74 more children who were 1) prescribed an ADHD medication, and 2) seen for a face-to-face follow-up visit.
- Three clinical measures that focus on “getting better” showed noticeable improvement:
  - o Depression Remission at Six Months– statewide, the rate increased from 6 percent in 2012 to 7 percent in 2013, translating into 1,459 more patients with depression who are in remission at six months.
  - o Depression Response at Twelve Months– statewide, the rate increased from 5 percent in 2012 to 6 percent in 2013, translating into 1,899 more patients with depression whose PHQ-9 score at 12 months decreased by at least 50%.
  - o Appropriate Treatment for Adult Bronchitis– the statewide rate increased from 20 percent in 2012 to 26 percent in 2013, translating to 216 more adults diagnosed with acute bronchitis that did not receive antibiotic prescription (appropriate treatment is no prescription).
- One clinical measure on preventive care showed noticeable improvement:
  - o Colorectal Cancer Screening– statewide, the rate increased from 68 percent in 2012 to 69 percent in 2013, translating into almost 80,000 more patients appropriately screened.
- This year several more clinics submitted data for the Depression Remission at Six Months measure due to their implementation of the PHQ-9 tool as part of their regular practice. In addition, more clinics were reported for the Depression Remission at 12 Months measure. Both measures continue to show room for improvement.
- This was the second year of data collection for the Adolescent Immunizations measure. The statewide rate increased from 53 percent in 2012 to 59 percent in 2013, translating into 591 more adolescents who received one dose of meningococcal vaccine and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) by their 13th birthday.
- This was the third year of data collection for the Optimal Asthma Care - children ages 5-17 and Optimal Asthma Care - adults ages 18-50 measures. The 2013 statewide rate for each of these measures significantly increased. This increase is likely due to many more clinics implementing valid asthma control tools in their practice.
- This report also includes a section displaying risk-adjusted rates compared to MNCM-reported unadjusted rates for five measures required in the Statewide Quality Reporting and Measurement System: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Care, and Colorectal Cancer Screening.

*continued*

# Executive Summary

## Patient Experience:

- There are no updates for this report since the Patient Experience Survey is fielded every other year. The next update will be included in the 2015 report.

## Health Information Technology measure:

- 1,364 clinics in Minnesota and bordering states responded to the *2013 Health Information Technology (HIT) Ambulatory Clinic Survey*. The 2013 response rate was 80 percent, compared to 83 percent in 2012 and 82 percent in 2011.
- We report milestones achieved under adoption, use, and exchange at [www.mnhealthscores.org](http://www.mnhealthscores.org).
  - Adopt: Information about a patient and the care that the patient needs is recorded in an electronic health record (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.
- 83 percent of clinics have an EHR installed and have it in use in all areas of their clinics. This shows expanded use of EHRs across and within clinics; in 2012, only 75 percent of clinics met this threshold, and in 2011 it was 68 percent.
- The *HIT Survey* will be fielded again in 2014. MNMCM will continue to collaborate with HIT stakeholders statewide to implement a survey that provides a comprehensive assessment of HIT adoption, utilization, and exchange as well as continue to incorporate Meaningful Use Stage 2 guidelines.

## Hospital measures:

- For more information on the hospital measures developed by the Agency for Healthcare Research and Quality (AHRQ) and Centers for Medicare and Medicaid Services (CMS) hospital measures and can be found on page 274.
- Results for AHRQ, CMS, and H-CAHPS hospital measures can be found at [www.mnhealthscores.org](http://www.mnhealthscores.org).



## Changes in the 2013 Report

### Measurement Changes

Under the direction of our Measurement and Reporting Committee (MARC), we revised the 2015 reporting specifications for the Maternity: Primary C-section measure so that rates will be reported on a medical group level rather than a clinical level. Due to this upcoming change, the Maternity Primary C-Section data for 2012 dates of service will not be included in this report.

# Measures

The measures in this 2013 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, revised, and retired measures to stay aligned with evidence-based guidelines. Measurement changes over the years are reflected in Table 1.

## Table 1: Performance Measures Over the Years

Measures	Report Year									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Medical Group Results (HEDIS measures)</b> (Data Source: Health Plans)										
Appropriate Testing for Children with Pharyngitis			X	X	X	X	X	X	X	X
Appropriate Treatment for Children with Upper Respiratory Infection			X	X	X	X	X	X	X	X
Avoidance of Antibiotics in the Treatment of Adult Bronchitis					X	X	X	X	X	X
Childhood Immunization Status - Combo 3	X*	X*	X	X	X	X	X	X	X	X
Immunizations for Adolescents	X	X							X	X
Well Child Visits <i>(Retired due to measure inconsistencies with guidelines)</i>	X	X	X							
Use of Appropriate Medications for People with Asthma (Ages 5-50) <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>	X&	X&	X&	X&	X&	X&	X			
Breast Cancer Screening (Ages 52-69)	X	X	X	X	X	X	X	X	X	X
Cervical Cancer Screening (Ages 24-64)	X	X	X	X	X	X	X	X	X	X
Colorectal Cancer Screening (Ages 51-75) <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>			X~	X~	X~	X~	X			
Cancer Screening Combined (Breast, Cervical, Colorectal) (Ages 51-75) <i>(Retired due to retirement of Colorectal Cancer Screening; used same denominator)</i>			X~	X~	X~	X~	X			
Chlamydia Screening in Women (Ages 16-24)	X**	X**	X**	X**	X**	X	X	X	X	X
Controlling High Blood Pressure <140/90 mmHg	X***	X***	X***	X	X	X	X	X	X	X
Optimal Diabetes Care <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>	X^#	X^#	X^#	X^#	X^#	X^#				
Optimal Vascular Care <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>			X	X						
Depression Treatment- Acute Phase Medication Management <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>	X	X	X							
Depression Treatment- Continuous Phase Medical Management <i>(Retired and replaced with measure that uses data submitted by medical groups)</i>	X	X	X							
Use of Spirometry Testing in the Assessment and Diagnosis COPD							X	X	X	X
Follow-up Care for Children Prescribed ADHD Medication								X	X	X
<b>Total Medical Groups</b>	<b>51</b>	<b>54</b>	<b>104</b>	<b>128</b>	<b>143</b>	<b>172</b>	<b>192</b>	<b>203</b>	<b>208</b>	<b>209</b>
<b>Clinic Level Results</b> (Data Source: Medical Groups)										
Optimal Diabetes Care (ODC)				X#	X#	X#	X^^	X	X	X
Optimal Coronary Artery Disease (CAD) Care <i>(Retired and replaced with OVC)</i>				X						
Optimal Vascular Care (OVC)					X	X	X"	X`	X	X
Depression Remission at 6 Months						X	X	X	X	X
Depression Response at 6 Months							X	X	X	X
Depression Remission at 12 Months							X	X	X	X
Depression Response at 12 Months								X	X	X
Optimal Asthma Care - Ages 5-17 and Ages 18-50								X	X	X
Colorectal Cancer Screening								X	X	X
Maternity Care: Primary C-Section Rate									X	X
<b>Total Clinics (# Medical Groups/# Clinics)</b>				<b>28/191</b>	<b>62/321</b>	<b>70/426</b>	<b>126/553</b>	<b>184/721</b>	<b>187/727</b>	<b>191/799</b>
<b>Other Types of Measures</b>										
Patient Experience of Care <i>(repeated every other year)</i>							X	X		X
Health Information Technology (HIT)							X	X	X	X
Hospital							X<	X	X	X
Payment for Procedure							X		X	X

\* Childhood Immunization Status- Combo 2 only  
 \*\* Chlamydia Screening in Women - Ages 16-25  
 \*\*\* Controlling High 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 <=8, Blood Pressure <130/80, LDL-C <100 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  
 " Optimal Vascular Care - Blood Pressure <130/80, LDL-C, 100 mg/dl, Aspirin Use, Tobacco Free  
 ` Optimal Vascular Care - Blood Pressure <140/90 if co-morbidity of diabetes, <130/80 if IVD only, 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 reported AHRQ measures only; in 2010 and 2011 reported AHRQ and CMS hospital measures

# Measures

This year's 2013 Health Care Quality Report continues to segment quality indicators into three categories based on the Institute of Medicine's (IOM) Six Aims for Improvement. These aims, developed by the IOM in 2001, focus on six ways that care can be delivered more efficiently and safely. The three 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 is Responsive to Patients' Needs and Preferences" category maps to patient-centeredness and equity. Lastly, 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 and clinics care for patients with chronic conditions 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 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 offer two types of data for the "Care that is Proven to Work" measures and for one of the "Care That Protects Patients from Medical Errors and Does Not Cause Harm" measures – clinic level and medical group level. The clinic-level measures use data collected from clinics through the Direct Data Submission (DDS) process. These measures relied on data specifications published in the 2013 Direct Data Submission Guides for each applicable measure. These measures are aligned with clinical guidelines established by the Institute for Clinical Systems Improvement (ICSI). Clinic-level results are now reported for 10 measures – Optimal Diabetes Care, Optimal Vascular Care, and Depression Remission at Six Months, Depression Remission at 12 Months, Depression Response Rate at Six Months, Depression Response Rate at 12 Months, Optimal Asthma Care - Children Ages 5-17, Optimal Asthma Care - Adults Ages 18-50, and Colorectal Cancer Screening.

The medical group results use data collected from health plan data – either administrative (claims only) or hybrid (claims plus chart review) – depending on the measure. These measures relied on National Committee for Quality Assurance's (NCQA) 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.

Please see next page.

# Results by Measure

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

### **Section Contents**

- **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. The treatment goals include hemoglobin A1c (A1c) less than 8, blood pressure less than 140/90 mmHg, LDL-C less than 100 mg/dl, daily aspirin use for patients with a co-morbidity of Ischemic Vascular Disease (IVD) unless contraindicated, 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 140/90 mmHg, LDL-C less than 100 mg/dl, daily aspirin use and documented tobacco-free status.
- **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).
- **Optimal Asthma Care (ages 5-17 or 18-50)** – Measures the percentage of patients ages 5-17 or 18-50 with persistent asthma in the measurement period who met all three targets, including: asthma is well-controlled; patient is not at elevated risk for exacerbation; and patient has been educated about asthma and self-management of the condition by having a written asthma management plan in the medical record.
- **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 chronic obstructive pulmonary disease (COPD) who received appropriate spirometry testing to confirm the diagnosis.
- **Follow-Up Care for Children Prescribed ADHD Medication** – Measures the percentage of children 6-12 years old with a newly prescribed attention-deficit/hyperactivity disorder (ADHD) medication who had one follow-up visit with a practitioner with prescribing authority within 30 days of the first ADHD medication being dispensed.

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

## Optimal Diabetes Care

### Optimal Diabetes Care (Results at Clinic and Medical Group Level)

January 1, 2012 - December 31, 2012 dates of service

This measures the percentage of patients with diabetes (Type 1 and Type 2) ages 18- 75 who reached all five of the following treatment goals to reduce cardiovascular risk:

- Blood pressure less than 140/90 mmHg
- LDL-C less than 100 mg/dl
- Hemoglobin A1c (HBA1c) less than 8
- Daily aspirin use for diabetes patients with a co-morbidity of ischemic vascular disease unless contraindicated
- Documented tobacco-free status

black line). Chart 2.2 provides the clinic results rolled up by medical group. If a medical group has only one clinic, the clinic result will be the same as the medical group result. The rates are sorted by medical group from highest to lowest along with the average (the bold line).

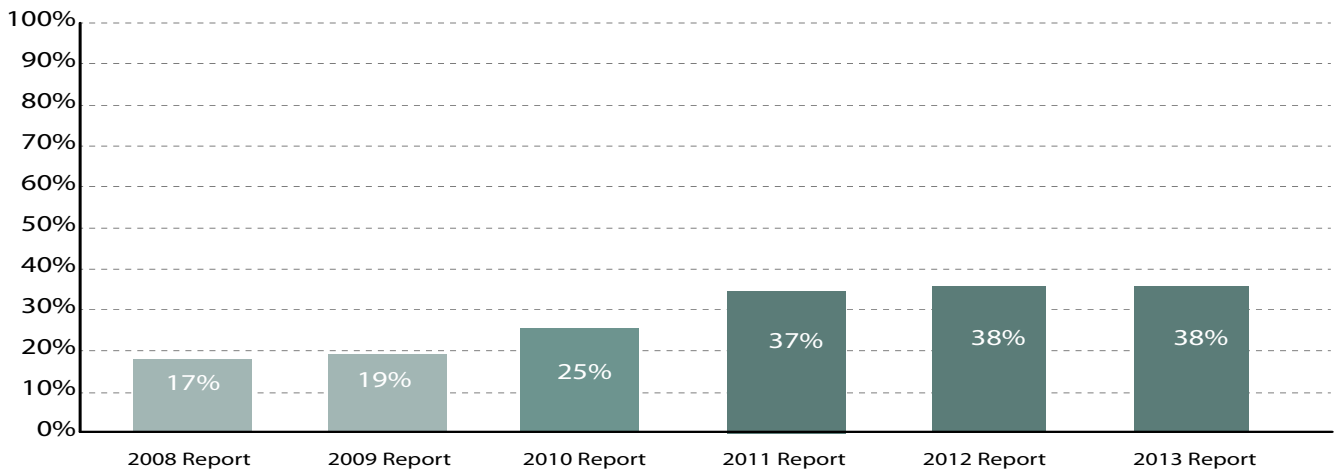
*Credit is given for achieving this composite rate when all five measure components are met. Data for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.*

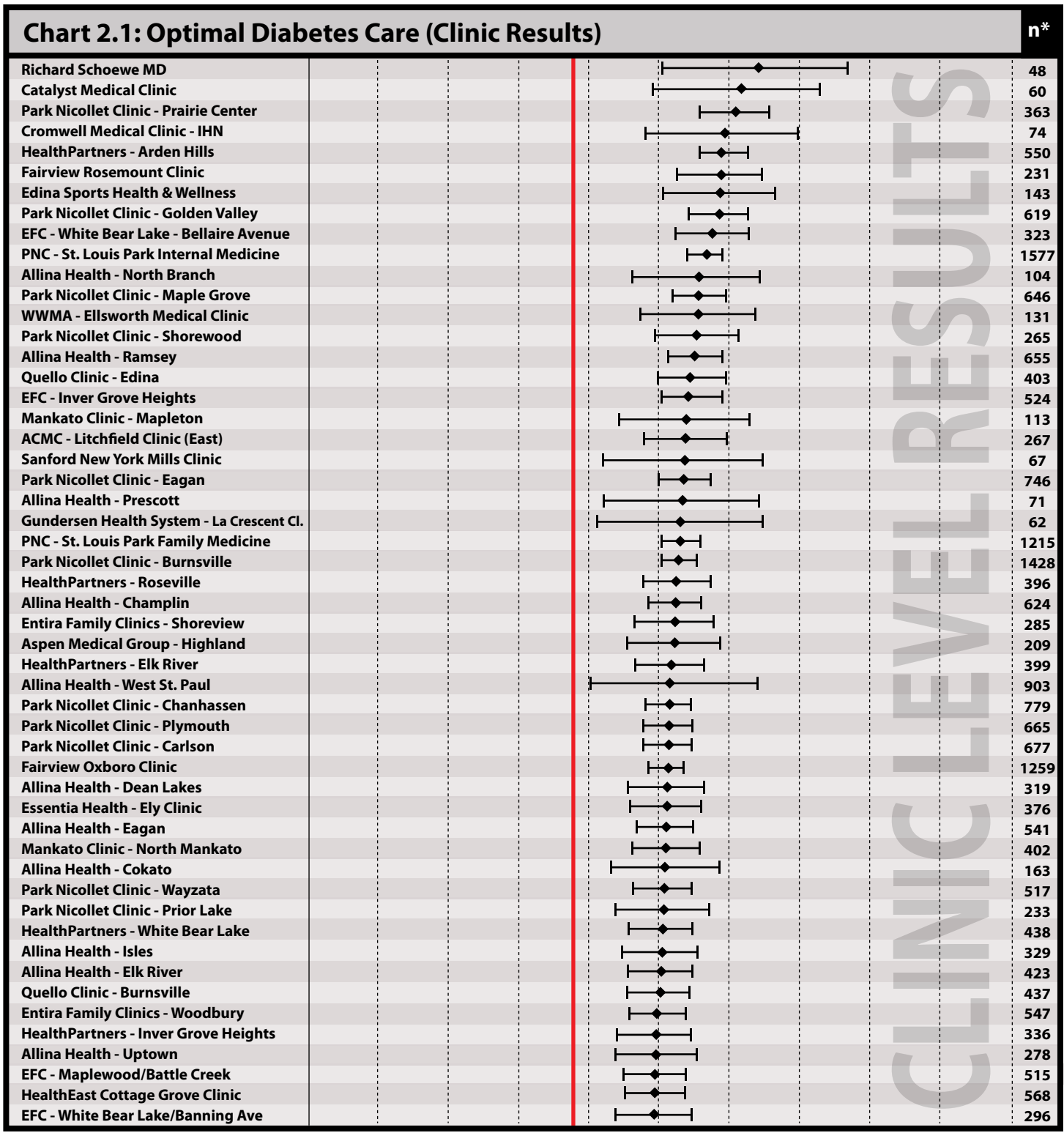
The statewide rate for Optimal Diabetes Care is 38 percent. Table 2 displays the details of this statewide rate. Chart 2.1 provides the clinic results sorted from highest to lowest, along with the statewide average (the bold

**Table 2: Statewide Rate for Optimal Diabetes Care**

	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Diabetes Care	37.7%	37.5%-38.9%	80,190	208,809	223,036

**Figure 2: Statewide Rates for Optimal Diabetes Care Over Time**



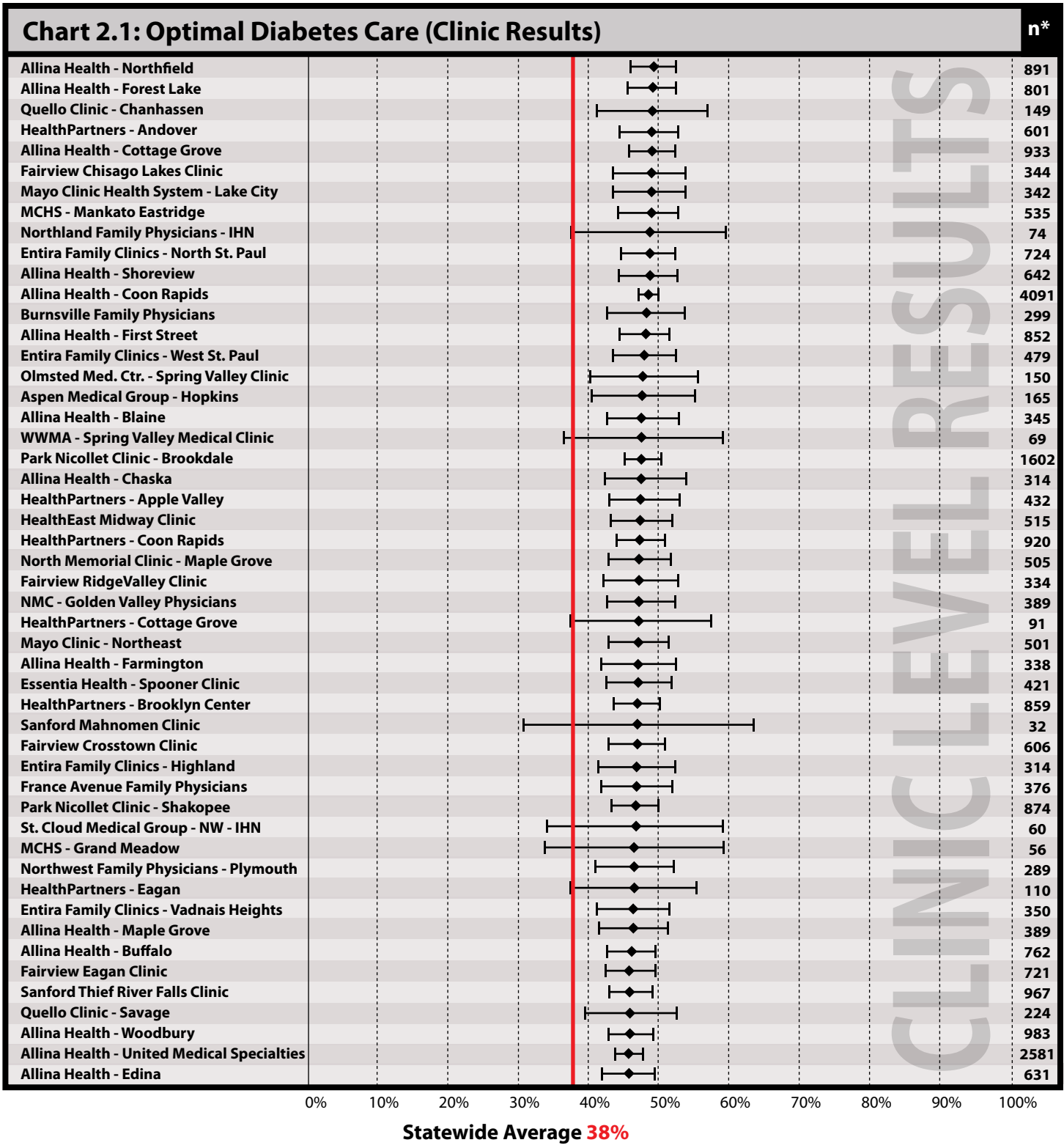


Living with Illness

CLINIC LEVEL RESULTS

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

- |   |  |
|---|--|
| ACMC - Affiliated Community Medical Centers | NC - North Clinic                                  |
| AHS - Allina Health System                  | NMC - North Memorial Clinic                        |
| AMC - Allina Medical Clinic                 | PNC - Park Nicollet Clinic                         |
| EFC - Entira Family Clinics                 | PRHHS - Prairie Ridge Hospital and Health Services |
| HCMC - Hennepin County Medical Center       | RRHS - Range Regional Health Services              |
| IHN - Integrity Health Network              | UMP - University of Minnesota Physicians           |
| MCCHS - Mayo Clinic Health System           | WWMA - Western Wisconsin Medical Associates        |

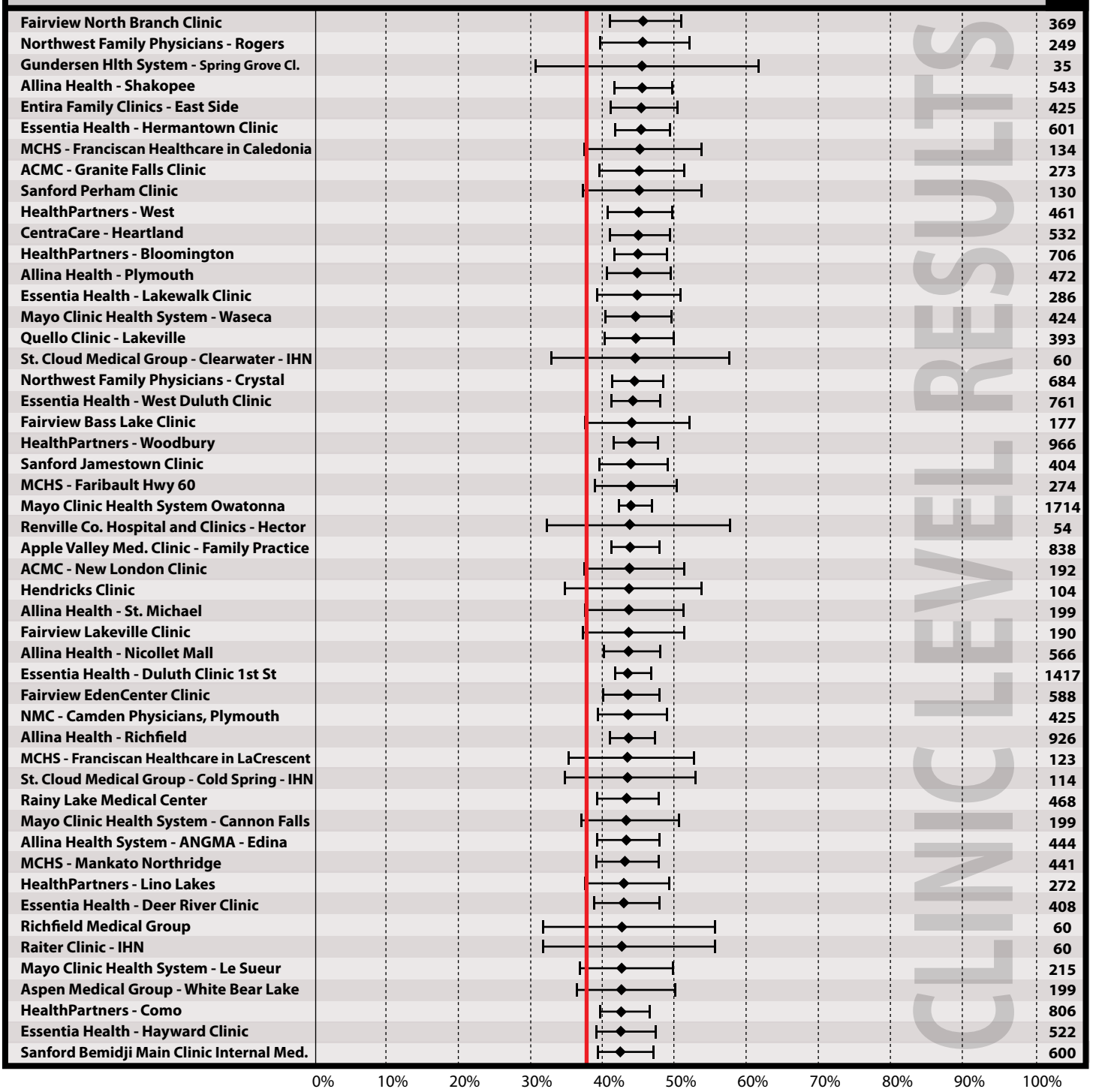


<b>ACMC</b> - Affiliated Community Medical Centers	<b>NC</b> - North Clinic
<b>AHS</b> - Allina Health System	<b>NMC</b> - North Memorial Clinic
<b>AMC</b> - Allina Medical Clinic	<b>PNC</b> - Park Nicollet Clinic
<b>EFC</b> - Entira Family Clinics	<b>PRHHS</b> - Prairie Ridge Hospital and Health Services
<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>IHN</b> - Integrity Health Network	<b>UMP</b> - University of Minnesota Physicians
<b>MCHS</b> - Mayo Clinic Health System	<b>WWMA</b> - Western Wisconsin Medical Associates



**Chart 2.1: Optimal Diabetes Care (Clinic Results)**

n\*

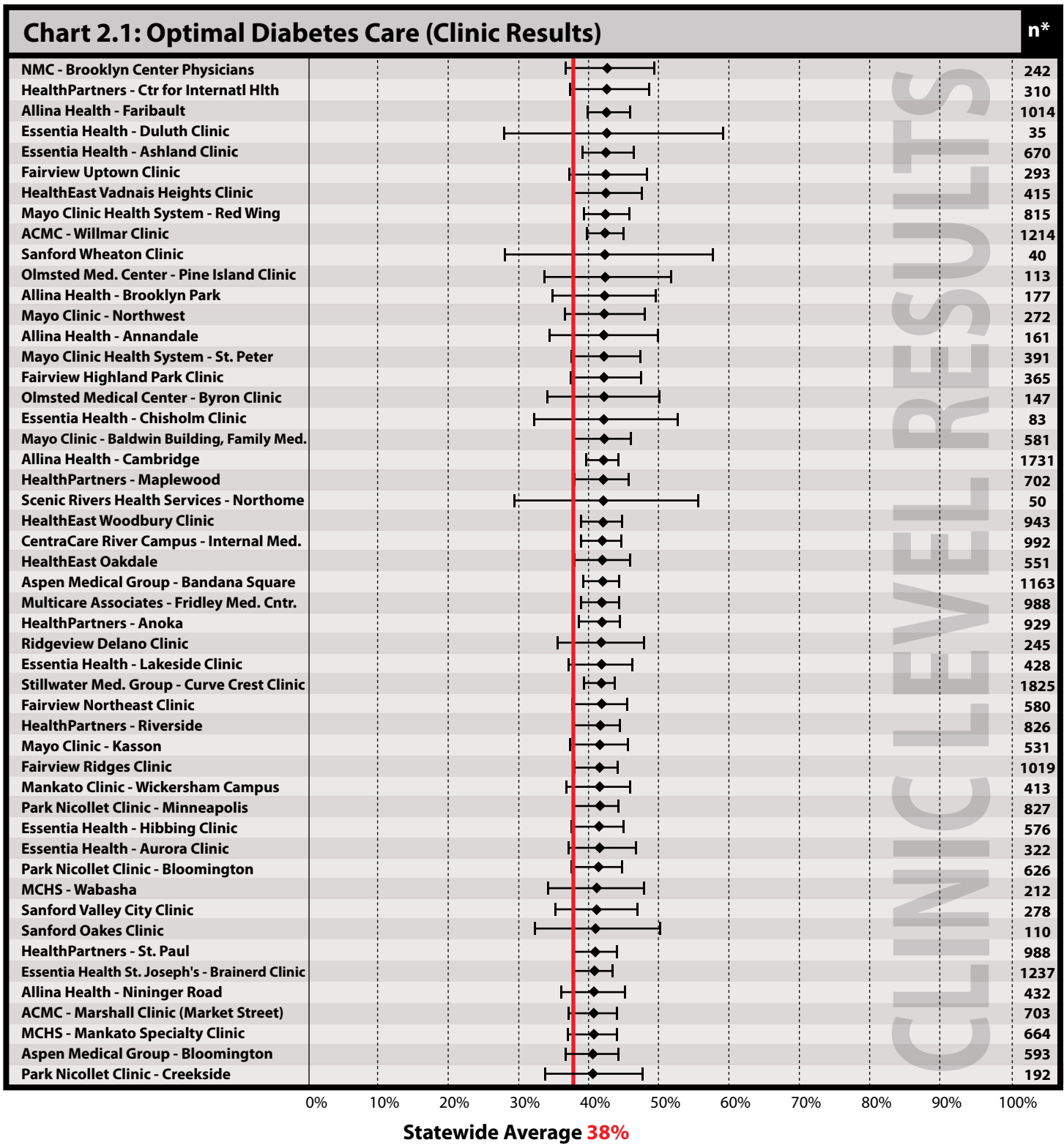


Statewide Average **38%**

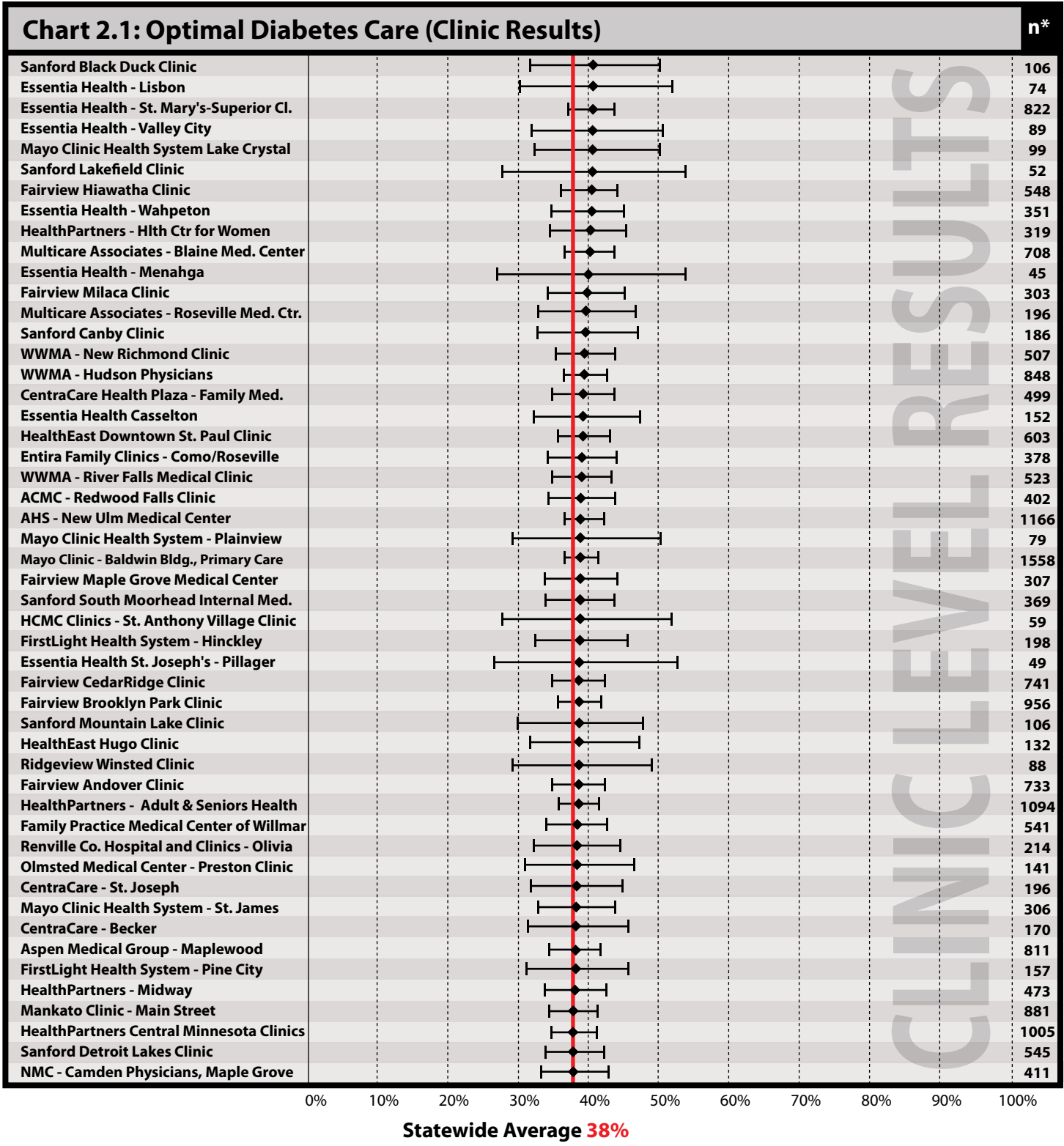
△ Endocrinology | — Lower Confidence Level/Upper Confidence Level n\* = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	<b>NC</b> - North Clinic
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Living with illness



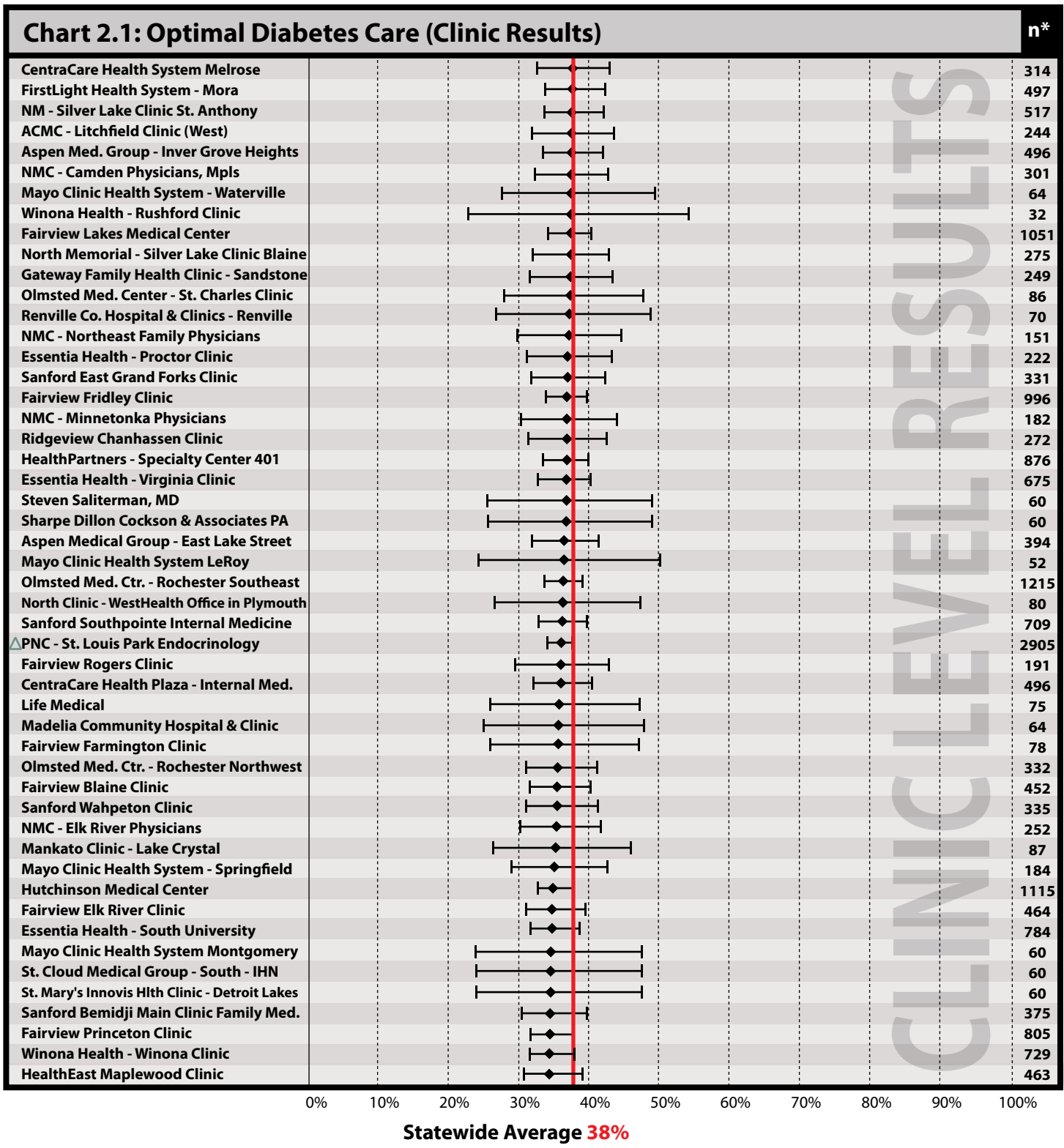
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IHN - Integrity Health Network	UMP - University of Minnesota Physicians
MCHS - Mayo Clinic Health System	WWMA - Western Wisconsin Medical Associates



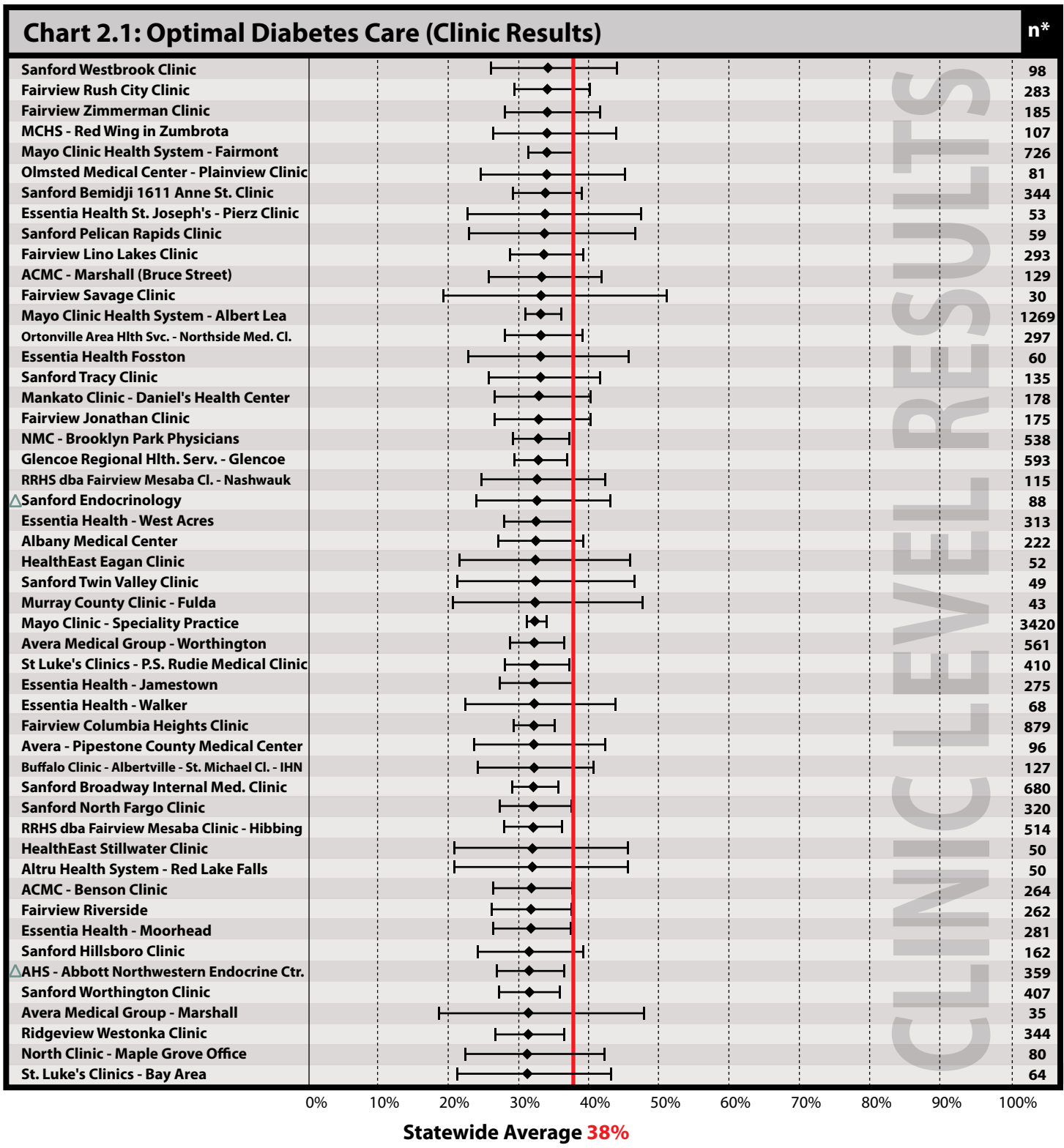
Living with illness

CLINIC LEVEL RESULTS

<b>ACMC</b> - Affiliated Community Medical Centers	<b>NC</b> - North Clinic
<b>AHS</b> - Allina Health System	<b>NMC</b> - North Memorial Clinic
<b>AMC</b> - Allina Medical Clinic	<b>PNC</b> - Park Nicollet Clinic
<b>EFC</b> - Entira Family Clinics	<b>PRHHS</b> - Prairie Ridge Hospital and Health Services
<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>IHN</b> - Integrity Health Network	<b>UMP</b> - University of Minnesota Physicians
<b>MCHS</b> - Mayo Clinic Health System	<b>WWMA</b> - Western Wisconsin Medical Associates



ACMC - Affiliated Community Medical Centers	NC - North Clinic
AHS - Allina Health System	NMC - North Memorial Clinic
AMC - Allina Medical Clinic	PNC - Park Nicollet Clinic
EFC - Entira Family Clinics	PRHHS - Prairie Ridge Hospital and Health Services
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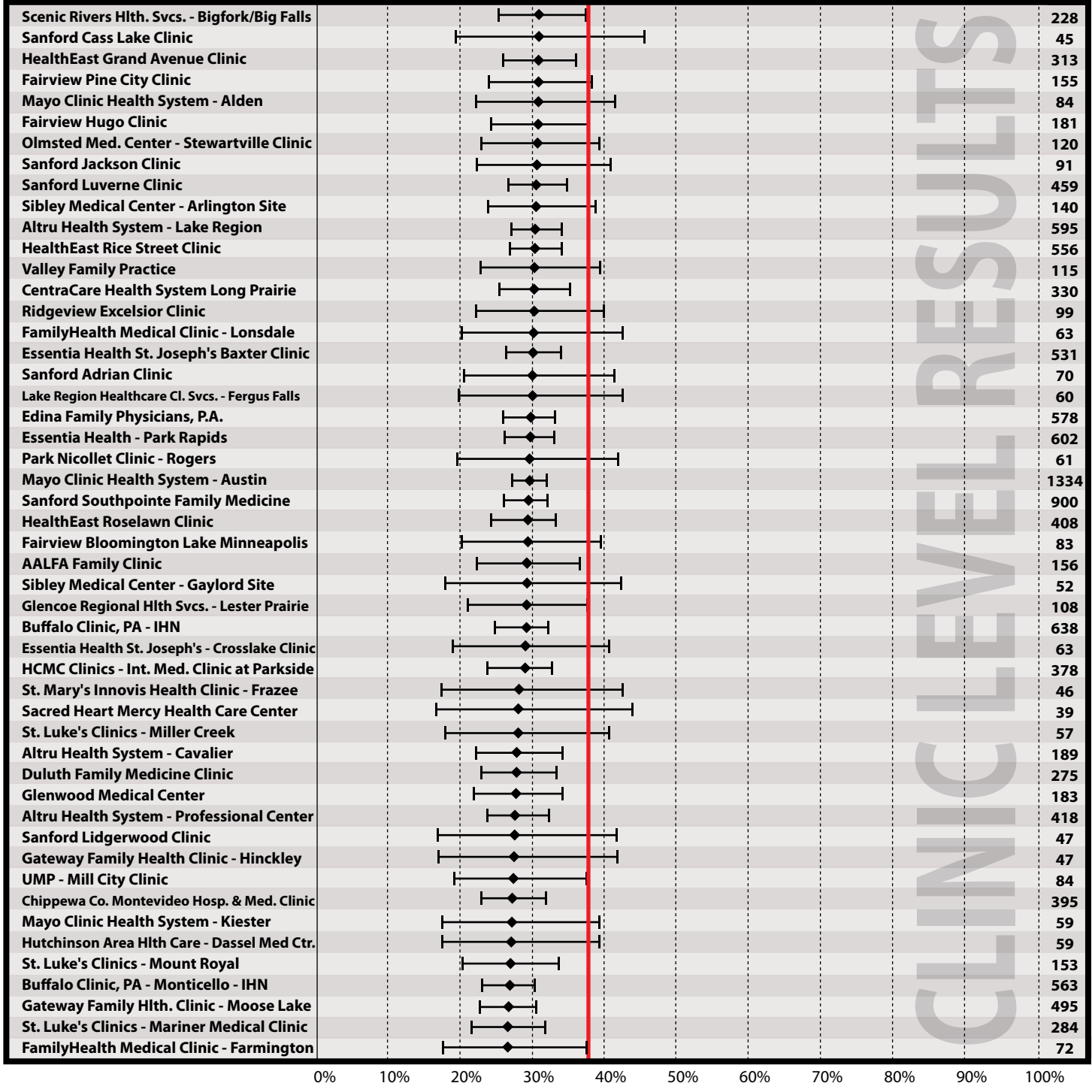


Living with illness

CLINIC LEVEL RESULTS

ACMC - Affiliated Community Medical Centers	NC - North Clinic
AHS - Allina Health System	NMC - North Memorial Clinic
AMC - Allina Medical Clinic	PNC - Park Nicollet Clinic
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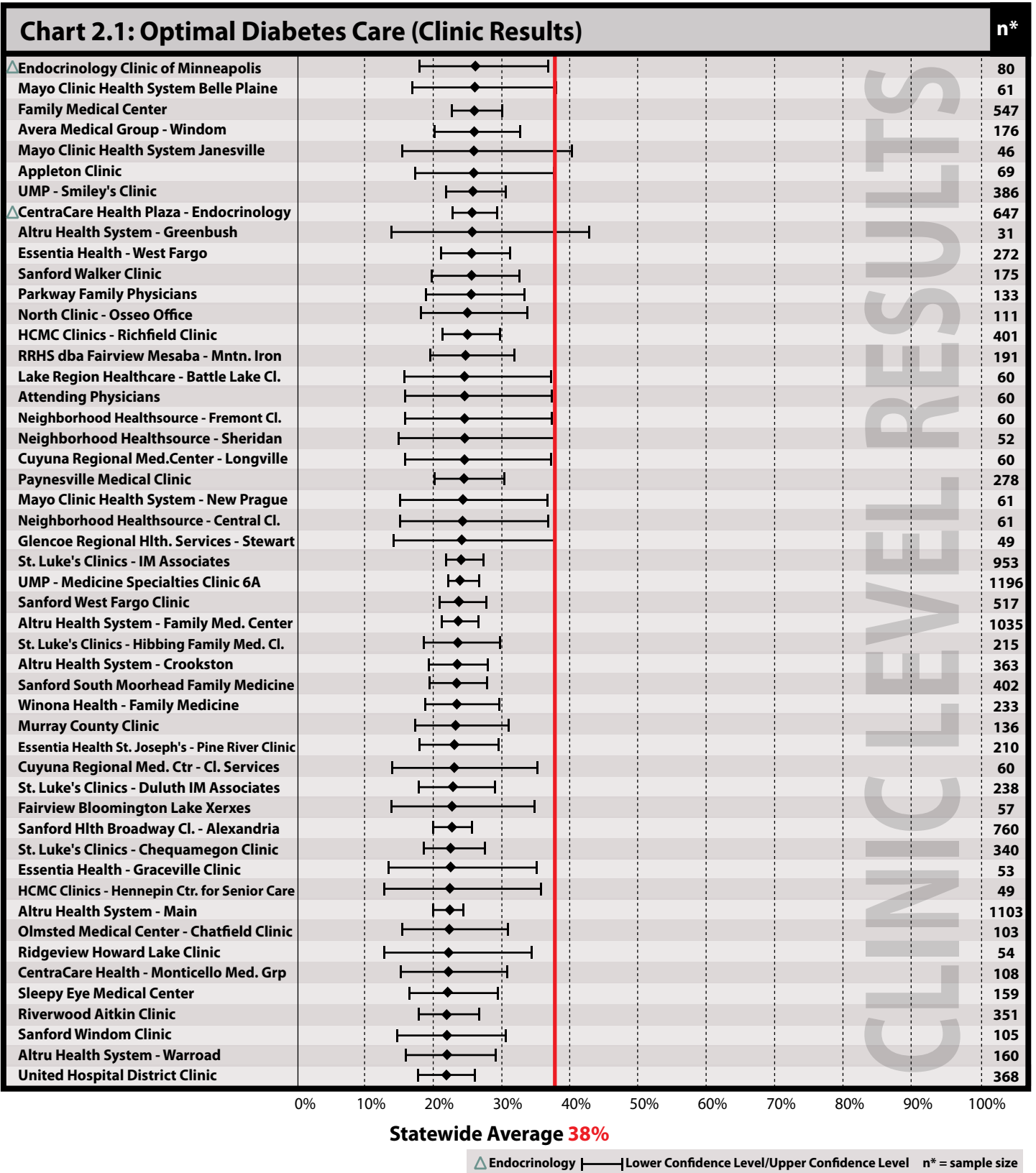
## Chart 2.1: Optimal Diabetes Care (Clinic Results) n\*



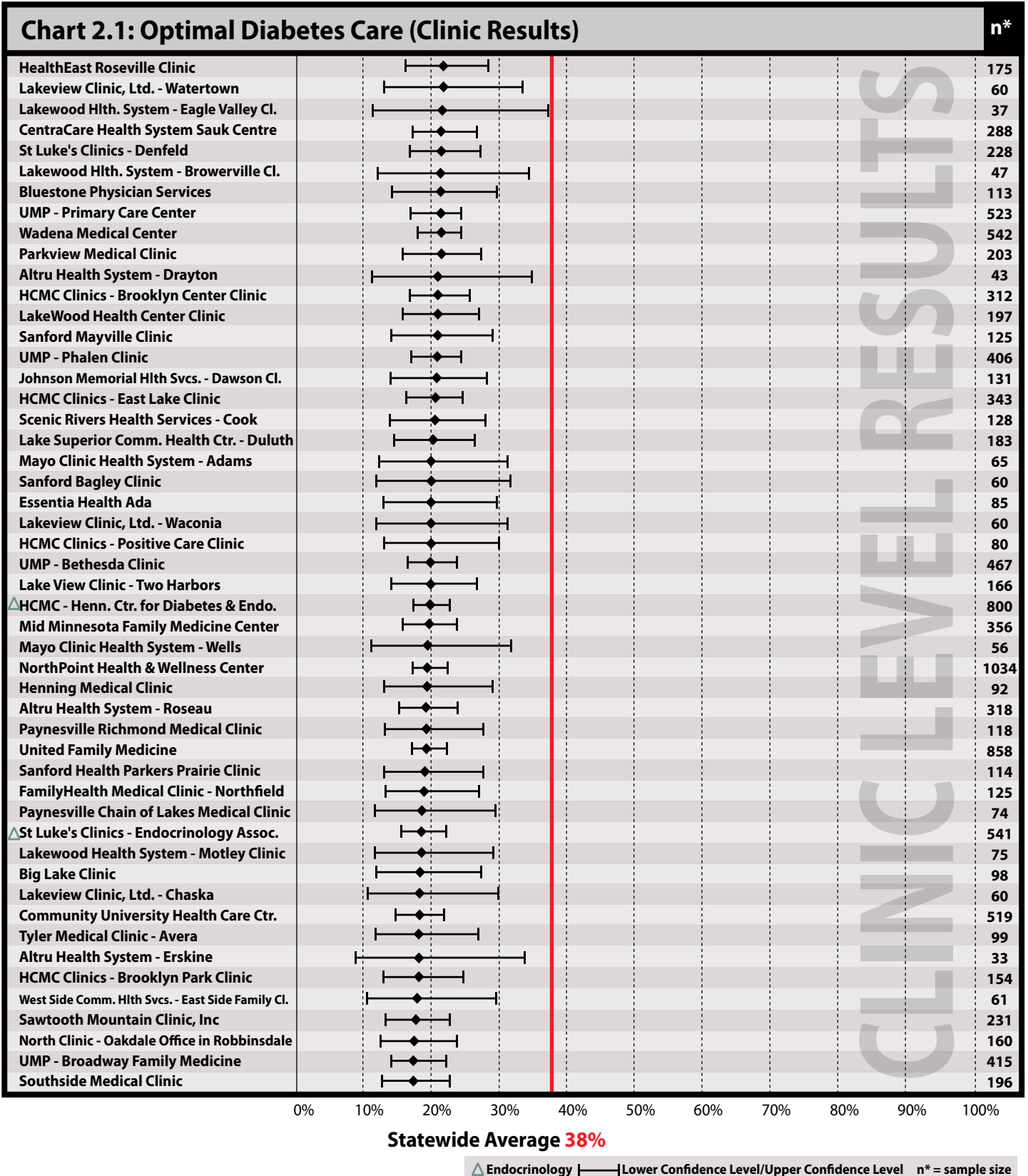
Statewide Average **38%**

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

ACMC - Affiliated Community Medical Centers	NC - North Clinic
AHS - Allina Health System	NMC - North Memorial Clinic
AMC - Allina Medical Clinic	PNC - Park Nicollet Clinic
EFC - Entira Family Clinics	PRHHS - Prairie Ridge Hospital and Health Services
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ACMC - Affiliated Community Medical Centers	NC - North Clinic
AHS - Allina Health System	NMC - North Memorial Clinic
AMC - Allina Medical Clinic	PNC - Park Nicollet Clinic
EFC - Entira Family Clinics	PRHHS - Prairie Ridge Hospital and Health Services
HCMC - Hennepin County Medical Center	RRHS - Range Regional Health Services
IHN - Integrity Health Network	UMP - University of Minnesota Physicians
MCHS - Mayo Clinic Health System	WWMA - Western Wisconsin Medical Associates



ACMC - Affiliated Community Medical Centers	NC - North Clinic
AHS - Allina Health System	NMC - North Memorial Clinic
AMC - Allina Medical Clinic	PNC - Park Nicollet Clinic
EFC - Entira Family Clinics	PRHHS - Prairie Ridge Hospital and Health Services
HCMC - Hennepin County Medical Center	RRHS - Range Regional Health Services
IHN - Integrity Health Network	UMP - University of Minnesota Physicians
MCHS - Mayo Clinic Health System	WWMA - Western Wisconsin Medical Associates

Living with Illness





<b>ACMC</b> - Affiliated Community Medical Centers	<b>NC</b> - North Clinic
<b>AHS</b> - Allina Health System	<b>NMC</b> - North Memorial Clinic
<b>AMC</b> - Allina Medical Clinic	<b>PNC</b> - Park Nicollet Clinic
<b>EFC</b> - Entrita Family Clinics	<b>PRHHS</b> - Prairie Ridge Hospital and Health Services
<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>IHN</b> - Integrity Health Network	<b>UMP</b> - University of Minnesota Physicians
<b>MCHS</b> - Mayo Clinic Health System	<b>WWMA</b> - Western Wisconsin Medical Associates

## Performance Highlights - Clinic Results

### Highest performers in 2013

Clinic results showed that an average of 38 percent of patients with diabetes met all five required components in this measure. **Richard Shoewe MD** set the benchmark of 65 percent of diabetes patients in full compliance with all five diabetes-care components. There were 147 of 552 clinics with rates and confidence intervals fully above the statewide average. The high-performing clinics are listed below in alphabetical order under their medical group name:

#### Affiliated Community Medical Centers

- Granite Falls Clinic
- Litchfield Clinic (East)
- Willmar Clinic

#### Allina Health System

- Abbott Northwestern General Medicine Associates- Edina

#### Allina Medical Clinic

- Blaine
- Buffalo
- Cambridge Medical Center
- Champlin
- Chaska
- Cokato
- Coon Rapids
- Cottage Grove
- Dean Lakes
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- First Street
- Forest Lake
- Isles
- Maple Grove
- Nicollet Mall
- Northfield
- Plymouth
- Prescott
- Ramsey
- Richfield
- Shakopee
- Shoreview
- United Medical Specialties
- West St. Paul
- Woodbury

#### Apple Valley Medical Clinic

- Family Practice

#### Aspen Medical Group

- Bandana Square
- Highland

- Hopkins

#### Burnsville Family Physicians

#### Catalyst Medical Clinic

#### CentraCare Health System

- Heartland
- River Campus- Internal Med.

#### Edina Sports Health & Wellness

#### Entira Family Clinics

- East Side Clinic
- Highland Family Physicians
- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul Clinic
- Shoreview
- Vadnais Heights Office
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.
- Woodbury Office

#### Essentia Health-Central Region

- St. Joseph's - Brainerd

#### Essentia Health-East Region

- Ashland Clinic
- Deer River Clinic
- Duluth Clinic 1st St
- Ely Clinic
- Hayward Clinic
- Hermantown Clinic
- Lakewalk
- Rainy Lake Medical Center
- Spooner Clinic
- West Duluth Clinic

#### Fairview Health Services

- Chisago Lakes Clinic
- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- North Branch Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic
- Rosemount Clinic

#### France Avenue Family Physicians

#### HealthEast

- Cottage Grove
- Midway
- Oakdale
- Vadnais Heights
- Woodbury

#### HealthPartners Clinics

- Andover
- Anoka
- Apple Valley
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Elk River
- Inver Grove Heights
- Maplewood
- Riverside
- Roseville
- St. Paul
- West
- White Bear Lake
- Woodbury

#### Integrity Health Network

- Cromwell Medical Clinic

#### Mankato Clinic, Ltd.

- Mapleton
- North Mankato

#### Mayo Clinic

- Baldwin Bldg., Family Medicine
- Northeast

#### Mayo Clinic Health System

- Faribault Hwy 60
- Lake City
- Mankato Eastridge
- Mankato Northridge
- Owatonna
- Red Wing
- Waseca

#### Multicare Associates

- Fridley Medical Center

#### North Memorial Clinic

- Camden Physicians, Plymouth
- Golden Valley Physicians
- Maple Grove

#### Northwest Family Physicians

- Crystal
- Plymouth
- Rogers

#### Olmsted Medical Center

- Spring Valley

#### Park Nicollet Health Services

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

#### Quello Clinic

- Burnsville
- Chanhassen
- Edina
- Lakeville
- Savage

#### Richard Shoewe MD

#### Sanford Health - Fargo Region

- Bemidji Main Internal Medicine
- Jamestown
- New York Mills
- Thief River Falls

#### Stillwater Medical Group

- Curve Crest Clinic

#### Western Wisconsin Medical Associates

- Ellsworth Medical Clinic

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Optimal Diabetes Care (clinic results) was made by **Essentia Health St. Joseph's - Pierz Clinic**, whose score increased by more than 24 percentage points.

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013)

We reviewed the data to identify patterns of clinic performance in clinics with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

### The following clinics achieved consistently high performance and above average rates over the past three years for Optimal Diabetes Care:

- Affiliated Community Med. Centers - Litchfield Clinic (East)
- Affiliated Community Medical Centers - Willmar
- Allina Health - Blaine
- Allina Health - Buffalo
- Allina Health - Cambridge
- Allina Health - Champlin
- Allina Health - Chaska
- Allina Health - Cokato
- Allina Health - Coon Rapids
- Allina Health - Cottage Grove
- Allina Health - Dean Lakes
- Allina Health - Eagan
- Allina Health - Edina
- Allina Health - Elk River
- Allina Health - Faribault
- Allina Health - Farmington
- Allina Health - First Street
- Allina Health - Forest Lake
- Allina Health - Isles
- Allina Health - Maple Grove
- Allina Health - Nicollet Mall
- Allina Health - Northfield
- Allina Health - Plymouth
- Allina Health - Prescott
- Allina Health - Ramsey
- Allina Health - Richfield
- Allina Health - Shakopee
- Allina Health - Shoreview
- Allina Health - United Medical Specialties
- Allina Health - Uptown
- Allina Health - West St. Paul
- Allina Health - Woodbury
- Allina Health System - Abbott Northwestern General Medicine Associates - Edina
- Apple Valley Medical Clinic - Family Practice
- Aspen Medical Group - Highland
- CentraCare River Campus-Internal Medicine
- Entira Family Clinics - East Side
- Entira Family Clinics - Highland
- Entira Family Clinics - Inver Grove Heights
- Entira Family Clinics - Maplewood/Battle Creek
- Entira Family Clinics - North St. Paul
- Entira Family Clinics - Shoreview
- Entira Family Clinics - Vadnais Heights
- Entira Family Clinics - West St. Paul
- Entira Family Clinics - White Bear Lake/Banning
- Entira Family Clinics - White Bear Lake-Bellaire
- Entira Family Clinics - Woodbury
- Essentia Health - Ashland Clinic
- Essentia Health - Duluth Clinic 1st St
- Essentia Health - Ely Clinic
- Essentia Health - Hayward Clinic
- Essentia Health - Hermantown Clinic
- Essentia Health - West Duluth Clinic
- Fairview Crosstown Clinic
- Fairview Eagan Clinic
- Fairview EdenCenter Clinic
- Fairview Oxboro Clinic
- Fairview Ridges Clinic
- Fairview RidgeValley Clinic
- Fairview Rosemount Clinic
- France Avenue Family Physicians
- HealthEast Cottage Grove Clinic
- HealthEast Midway Clinic
- HealthEast Woodbury Clinic
- HealthPartners - Andover
- HealthPartners - Anoka
- HealthPartners - Apple Valley
- HealthPartners - Arden Hills
- HealthPartners - Brooklyn Center
- HealthPartners - Como
- HealthPartners - Coon Rapids
- HealthPartners - Maplewood
- HealthPartners - Riverside
- HealthPartners - Roseville
- HealthPartners - White Bear Lake
- HealthPartners - Woodbury
- Mayo Clinic - Baldwin Building, Family Medicine
- Mayo Clinic - Northeast
- North Memorial Clinic - Camden Physicians, Plymouth
- Park Nicollet Clinic - Brookdale
- Park Nicollet Clinic - Burnsville
- Park Nicollet Clinic - Carlson
- Park Nicollet Clinic - Chanhassen
- Park Nicollet Clinic - Eagan
- Park Nicollet Clinic - Golden Valley
- Park Nicollet Clinic - Maple Grove
- Park Nicollet Clinic - Plymouth
- Park Nicollet Clinic - Prairie Center
- Park Nicollet Clinic - Prior Lake
- Park Nicollet Clinic - Shakopee
- Park Nicollet Clinic - Shorewood
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Park Nicollet Clinic - St. Louis Park Internal Medicine
- Park Nicollet Clinic - Wayzata
- Quello Clinic - Burnsville
- Quello Clinic - Chanhassen
- Quello Clinic - Edina
- Western Wisconsin Medical Associates - Ellsworth Medical Clinic

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013) - *continued*

**Forty-five clinics showed consistent improvement over three years:**

- Affiliated Community Medical Centers - Granite Falls
- Altru Health System - Erskine
- Big Lake Clinic
- Catalyst Medical Clinic
- Essentia Health St. Joseph's - Pine River Clinic
- Essentia Health - Virginia Clinic
- Rainy Lake Medical Center
- Fairview Chisago Lakes Clinic
- HealthPartners - Ctr for Internatl Hlth
- HealthPartners - Midway
- HealthPartners - St Paul
- Hutchinson Area Health Care - Dassel
- Cromwell Medical Clinic-IHN
- Mankato Clinic - North Mankato
- Mayo Clinic Health System Albert Lea
- Mayo Clinic Health System Lake Crystal
- North Memorial Clinic - Golden Valley
- North Memorial Clinic - Maple Grove
- North Memorial Clinic - Minnetonka
- NorthPoint Health & Wellness Center
- Olmsted Medical Center - Spring Valley Clinic
- Park Nicollet Clinic - Eagan
- Park Nicollet Clinic - Prior Lake
- Paynesville Medical Clinic
- Quello Clinic - Lakeville
- Range Regional Health Services dba Fairview Mesaba Clinic - Nashwauk
- Renville County Hospital and Clinics - Hector
- Renville County Hospital and Clinics - Olivia
- Renville County Hospital and Clinics - Renville
- Richard Schoewe MD
- Ridgeview Delano Clinic
- Ridgeview Winsted Clinic
- Riverwood Aitkin Clinic
- Sanford Bemidji Main Clinic Family Med.
- Sanford Jamestown Clinic
- Sanford New York Mills Clinic
- Sanford Thief River Falls Clinic
- Sanford Wahpeton Clinic
- Sanford Canby Clinic
- Sanford Lakefield Clinic
- Sanford Mountain Lake Clinic
- Scenic Rivers Health Services - Northome
- Sibley Medical Center - Arlington Site
- Sibley Medical Center - Gaylord Site
- Winona Health - Rushford Clinic

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013) - *continued*

**Forty-five clinics showed consistent decreases over three years:**

- Allina Health - Buffalo
- France Avenue Family Physicians
- St Luke's Clinics-Laurentian
- Boynton Health Service
- Sawtooth Mountain Clinic, Inc
- Mayo Clinic Health System Adams
- Lakeview Clinic, Ltd. - Waconia
- University of Minnesota Physicians - Phalen Clinic
- Altru Health System - Drayton
- University of Minnesota Physicians - Primary Care Center
- Olmsted Medical Center - Chatfield Clinic
- Murray County Clinic
- Sanford West Fargo Clinic
- Family Medical Center
- Sanford Southpointe Family Medicine
- HealthEast Grand Avenue Clinic
- Affiliated Community Medical Centers - Benson Clinic
- HealthEast Maplewood Clinic
- Sanford Southpointe Internal Medicine
- CentraCare - Becker
- CentraCare - St. Joseph
- Family Practice Medical Center of Willmar
- HealthEast Hugo Clinic
- Fairview CedarRidge Clinic
- Sanford South Moorhead Internal Medicine
- Fairview Maple Grove Medical Center
- HealthEast Downtown St. Paul Clinic
- Essentia Health - Hibbing Clinic
- HealthEast Woodbury Clinic
- Mayo Clinic - Baldwin Building, Family Medicine
- Mayo Clinic - Northwest
- Allina Health - Brooklyn Park
- Mayo Clinic Health Sys.- Franciscan Healthcare in LaCrescent
- Allina Health - Richfield
- Allina Health - Nicollet Mall
- Apple Valley Medical Clinic - Family Practice
- Mayo Clinic Health Sys.- Franciscan Healthcare in Caledonia
- Entira Family Clinics - East Side
- Fairview Eagan Clinic
- Fairview RidgeValley Clinic
- HealthEast Midway Clinic
- Western Wisconsin Medical Associates - Spring Valley
- Allina Health - Blaine
- Allina Health - Coon Rapids
- Entira Family Clinics - White Bear Lake-Bellaire Avenue

**Fifty-three clinics had rates that were relatively stable over three years.**

**Three hundred and eleven clinics did not have a discernable pattern over three years.**

## Performance Highlights - Clinic Results

### Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

#### East Metro - 66 out of 108 (61%)

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Cottage Grove
- Eagan
- Farmington
- First Street
- Forest Lake
- Ramsey
- Shoreview
- United Medical Specialties
- West St. Paul
- Woodbury

**Apple Valley Medical Clinic**

- Family Practice

**Aspen Medical Group**

- Bandana Square
- Highland

**Entira Family Clinics**

- East Side Clinic
- Highland Family Physicians
- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul Clinic
- Shoreview
- Vadnais Heights Office
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.
- Woodbury Office

**Fairview Health Services**

- Eagan Clinic

- Ridges Clinic
- Rosemount Clinic

**HealthEast**

- Cottage Grove
- Midway
- Oakdale
- Vadnais Heights
- Woodbury

**HealthPartners Clinics**

- Andover
- Anoka
- Apple Valley
- Arden Hills
- Como
- Coon Rapids
- Inver Grove Heights
- Maplewood
- Roseville
- St. Paul
- White Bear Lake
- Woodbury

**Multicare Associates**

- Fridley

**Park Nicollet Health Services**

- Burnsville
- Eagan

**Quello Clinic**

- Burnsville
- Lakeville

**Richard Shoewe MD**

**Stillwater Medical Group**

- Curve Crest Clinic



#### West Metro - 47 out of 123 (38%)

**Allina Health System**

- Abbott Northwestern General Medicine Associates- Edina

**Allina Medical Clinic**

- Champlin
- Chaska
- Dean Lakes
- Edina
- Isles
- Maple Grove
- Nicollet Mall
- Plymouth
- Richfield
- Shakopee

- Uptown

**Catalyst Medical Clinic**

**Edina Sports Health & Wellness**

**Fairview Health Services**

- Crosstown Clinic
- EdenCenter Clinic
- Oxboro Clinic
- RidgeValley Clinic

**France Avenue Family Physicians**

**HealthPartners Clinics**

- Bloomington
- Brooklyn Center
- Riverside
- West

**North Memorial Clinic**

- Camden Physicians, Plymouth
- Golden Valley
- Maple Grove

**Northwest Family Physicians**

- Crystal
- Plymouth
- Rogers

**Park Nicollet Health Services**

- Brookdale
- Carlson
- Chanhassen
- Golden Valley
- Maple Grove

- Minneapolis
- Plymouth
- Prairie Center
- Prior Lake
- Shakopee
- Shorewood
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

**Quello Clinic**

- Chanhassen
- Edina
- Savage

# Performance Highlights - Clinic Results

## Highest Performers in 2013 by Minnesota Regions - *continued*

### Wisconsin - 5 out of 13 (38%)

- Allina Medical Clinic**
  - Prescott
- Essentia Health-East Region**
  - Ashland Clinic
  - Hayward Clinic
  - Spooner Clinic
- Western Wisconsin Medical Associates**
  - Ellsworth Medical Clinic

### Southeast - 15 out of 71 (21%)

- Allina Medical Clinic**
  - Faribault
  - Northfield
- Gundersen Health System**
  - La Crescent
- Mankato Clinic, Ltd.**
  - Mapleton
  - North Mankato
- Mayo Clinic**
  - Baldwin Bldg., Family Medicine
  - Northeast
- Mayo Clinic Health System**
  - Faribault Hwy 60
  - Lake City
  - Mankato Eastridge
  - Mankato Northridge
  - Owatonna
  - Red Wing
  - Waseca
- Olmsted Medical Center**
  - Spring Valley

### Northeast - 8 out of 45 (17%)

- Essentia Health - East Region**
  - Deer River Clinic
  - Duluth Clinic 1st St.
  - Ely Clinic
  - Hermantown Clinic
- Lakewalk
- West Duluth Clinic
- Integrity Health Network**
  - Cromwell Medical Clinic

### Central - 11 out of 82 (13%)

- Allina Medical Clinic**
  - Buffalo
  - Cambridge
  - Cokato
  - Elk River
  - North Branch
- CentraCare Health System**
  - Heartland
  - River Campus - Internal Medicine
- Essentia Health - Central Region**
  - St. Joseph's - Brainerd Clinic
- Fairview Health Services**
  - Chisago Lakes Clinic
  - North Branch
- HealthPartners Clinics**
  - Elk River

### Northwest - 3 out of 32 (8%)

- Sanford Health - Fargo Region**
  - Bemidji Main Clinic Internal Medicine
  - New York Mills
  - Thief River Falls

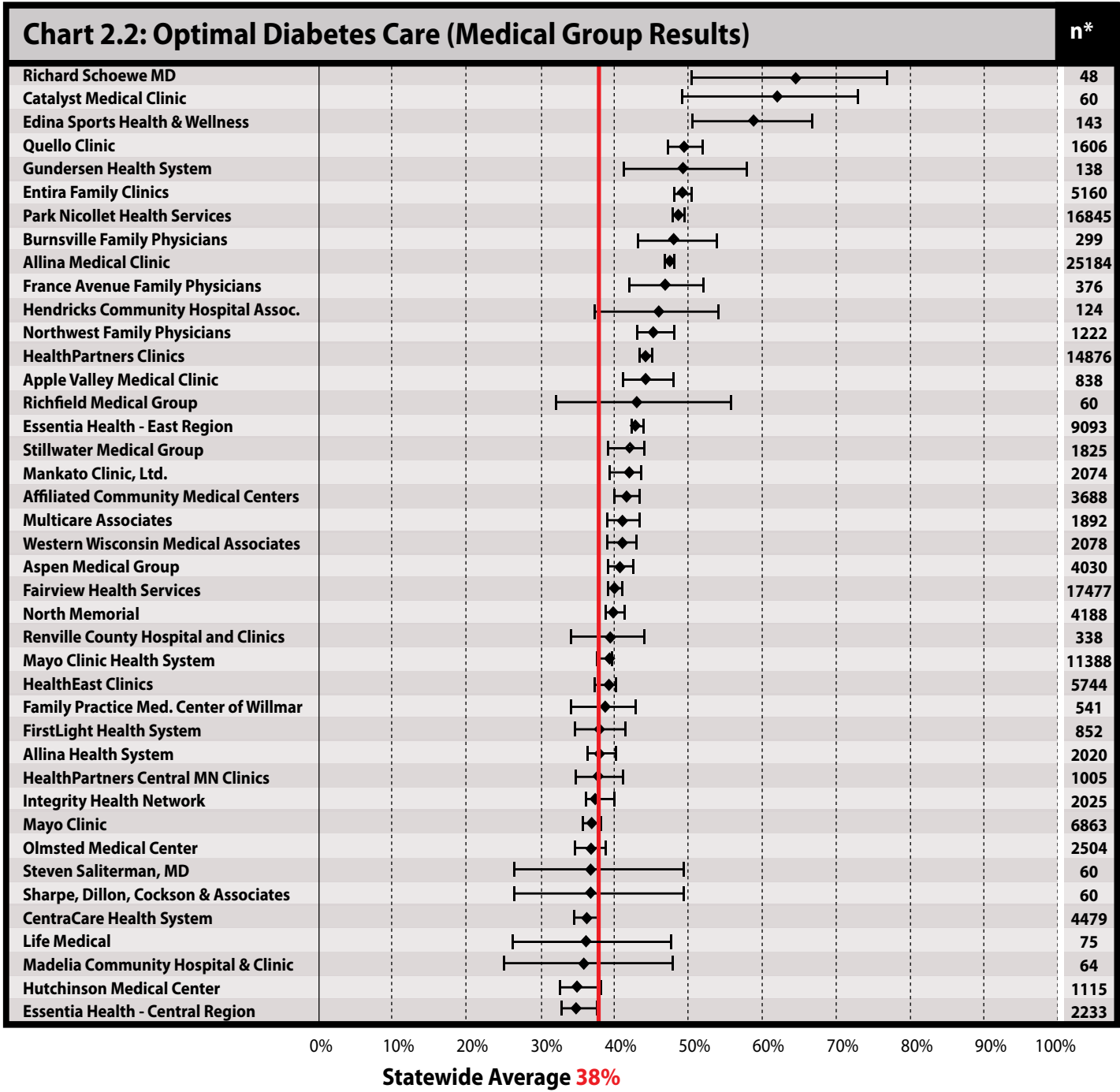
### Southwest - 3 out of 52 (6%)

- Affiliated Community Medical Centers**
  - Litchfield Clinic (East)
  - Granite Falls
  - Willmar Clinic

### North Dakota - 1 out of 32 (5%)

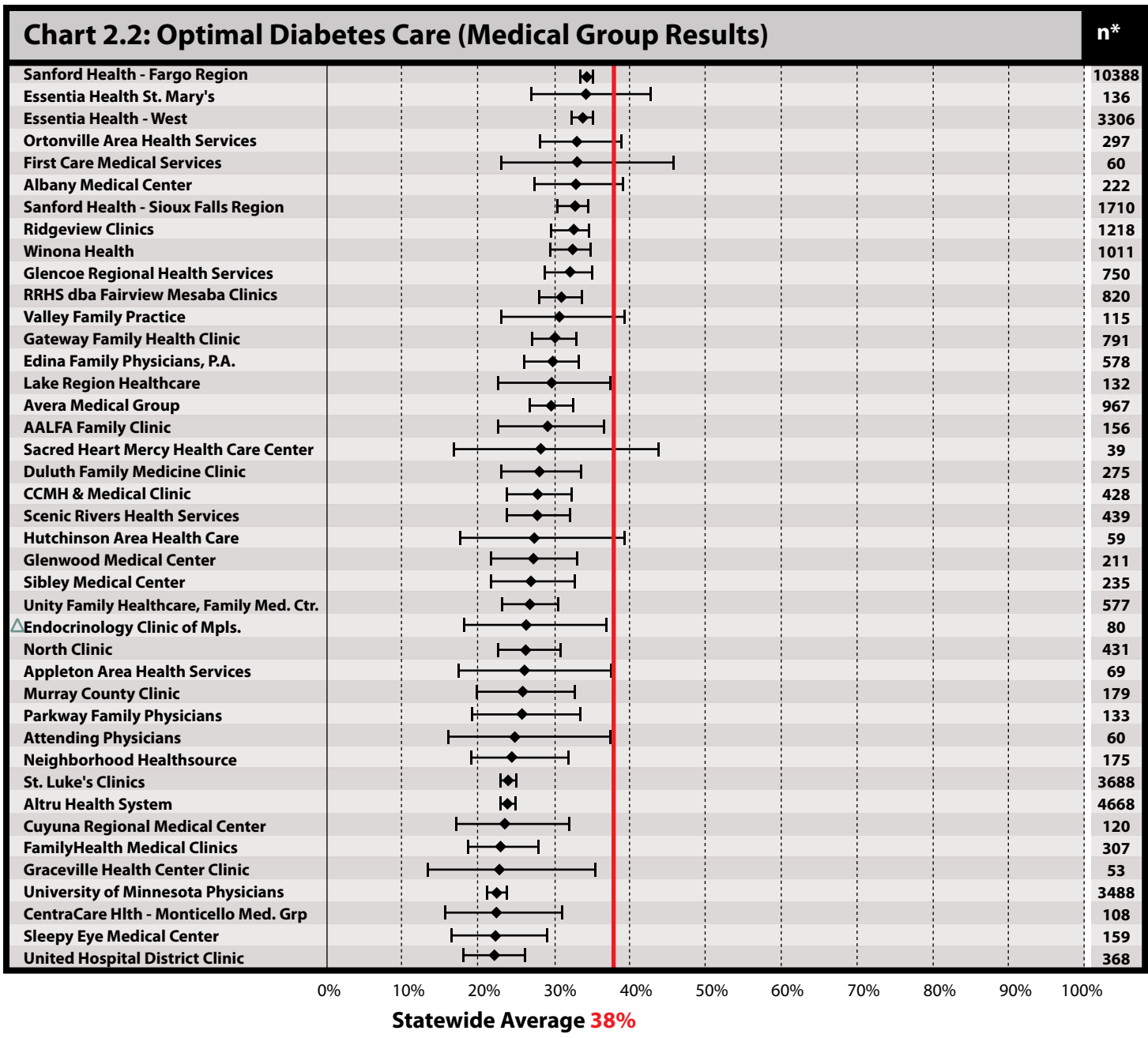
- Sanford Health - Fargo Region**
  - Jamestown





RRHS - Range Regional Health Services





RRHS - Range Regional Health Services

**Chart 2.2: Optimal Diabetes Care (Medical Group Results)**

n\*



Living with Illness

RRHS - Range Regional Health Services

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

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Clinic results by medical group showed that an average of 38 percent of patients with diabetes met all five required components included in this measure. **Richard Shoewe MD** set the benchmark of 65 percent of diabetes patients in full compliance with all five diabetes care components. There were 24 of 123 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are listed below from high to low.

- Richard Schoewe MD
- Catalyst Medical Clinic
- Edina Sports Health & Wellness
- Quello Clinic
- Gundersen Health System
- Entira Family Clinics (formerly Family Health Services MN)
- Park Nicollet Health Services
- Burnsville Family Physicians
- Allina Medical Clinic
- France Avenue Family Physicians
- Northwest Family Physicians
- HealthPartners Clinics
- Apple Valley Medical Clinic
- Essentia Health - East Region
- Stillwater Medical Group
- Mankato Clinic, Ltd.
- Affiliated Community Medical Centers
- Multicare Associates
- Western Wisconsin Medical Associates
- Aspen Medical Group
- Fairview Health Services
- North Memorial
- Mayo Clinic Health System
- HealthEast Clinics

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Optimal Diabetes Care (medical group results) was made by **Albany Medical Center**, whose score increased by more than 19 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following eleven medical groups achieved consistently high performance and above average rates over the past three years for Controlling High Blood Pressure:**

- Affiliated Community Medical Centers
- Allina Medical Clinic
- Apple Valley Medical Clinic
- Entira Family Clinics
- Essentia Health - East Region
- Fairview Health Services
- HealthEast Clinics
- HealthPartners Clinics
- Park Nicollet Health Services
- Quello Clinic
- Western Wisconsin Medical Associates

#### **Ten medical groups showed consistent improvement over three years:**

- Big Lake Clinic
- Catalyst Medical Clinic
- Essentia Health - Central Region
- Essentia Health St. Mary's
- Hutchinson Area Health Care
- NorthPoint Health & Wellness Center
- Olmsted Medical Center
- Renville County Hospital and Clinics
- Richard Schoewe MD
- Sibley Medical Center

#### **Nine groups showed consistent decreases over three years:**

- Apple Valley Medical Clinic
- Boynton Health Service
- Family Practice Medical Center of Willmar
- HealthEast Clinics
- Lakeview Clinic, Ltd.
- Murray County Clinic
- Sawtooth Mountain Clinic
- Unity Family Healthcare, Family Medical Center
- University of Minnesota Physicians

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

- Hennepin County Medical Center (HCMC) Clinics
- HealthPartners Clinics
- Essentia Health Ada
- Quello Clinic
- Scenic Rivers Health Services
- Essentia Health - East Region
- Aspen Medical Group
- Gateway Family Health Clinic
- Park Nicollet Health Services
- St. Luke's Clinics
- Entira Family Clinics
- Affiliated Community Medical Centers
- Fairview Health Services
- Sanford Health - Fargo Region

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

Please see next page.

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

## Optimal Vascular Care

### Optimal Vascular Care (Results at Clinic and Medical Group Level)

January 1, 2012 - December 31, 2012 dates of service

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

- Blood pressure less than 140/90 mmHg
- LDL-C less than 100 mg/dl
- Daily aspirin use
- Documented tobacco-free status

medical group only has one clinic, the clinic result is the same as the medical group result.

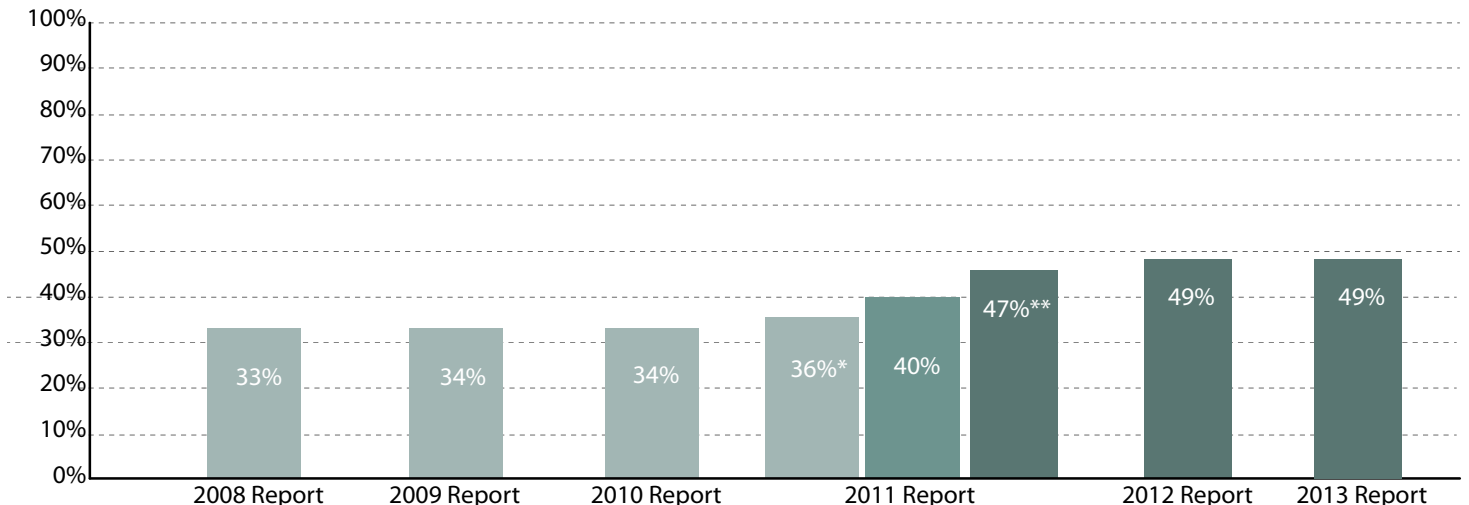
*Credit is given for achieving this composite rate when all four measure components are met. The data for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.*

The statewide rate for Optimal Vascular Care is 49 percent. Table 3 displays the details of this statewide rate. Figure 3 displays the statewide rates over time. Chart 3.1 provides the clinic results from highest to lowest along with the clinic average (bold black line). Chart 3.2 provides the clinic results by medical group from highest to lowest along with the average (the bold line). If a

**Table 3: Statewide Rate for Optimal Vascular Care**

	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Vascular Care	48.5%	48.2% - 48.9%	42,689	87,345	93,761

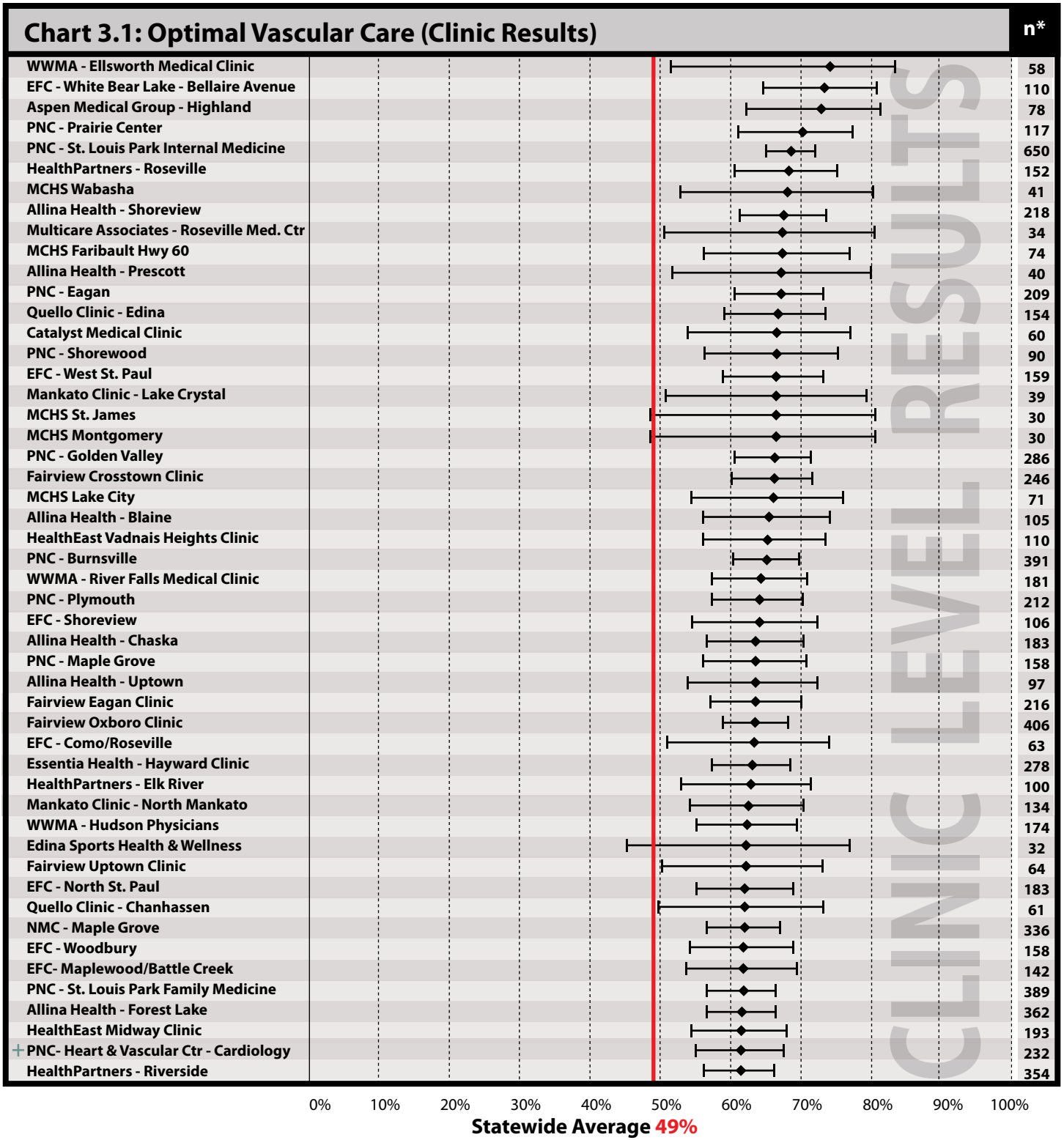
**Figure 3: Statewide Rates for Optimal Vascular Care Over Time**



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

\* MNMCM was able to recast the data for report year 2011 to reflect the former Blood Pressure target of <130/80 for all patients to show trending for report years, 2008, 2009, 2010, and 2011

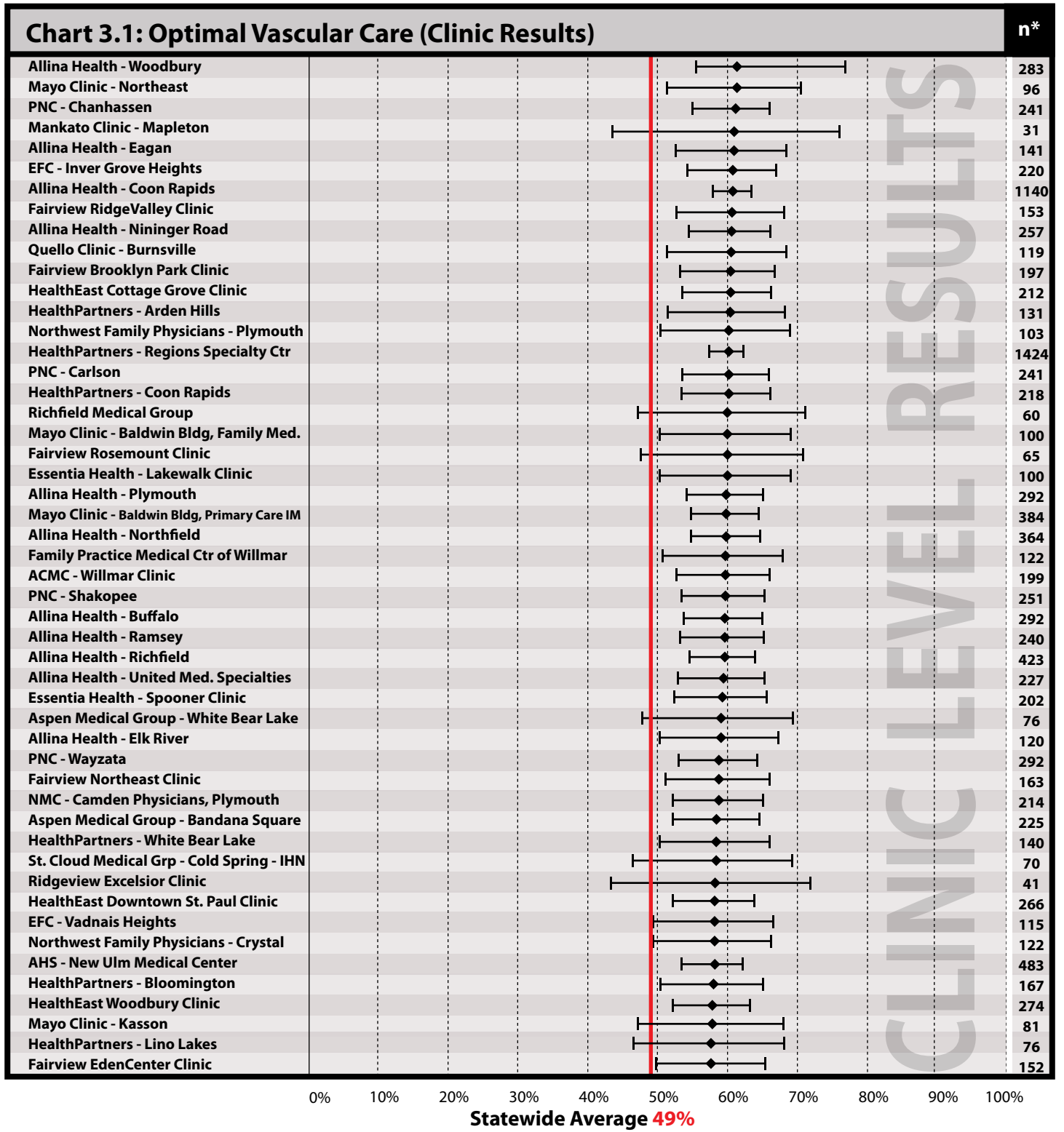
\*\* MNMCM was able to recast the data for report year 2011 to reflect the current Blood Pressure target of <140/90 for all patients to show trending for report years 2011 and 2012.



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CLINIC LEVEL RESULTS

- ACMC - Affiliated Community Medical Centers
- AHS - Allina Health System
- AMC - Allina Medical Clinic
- ANW - Abbott Northwestern
- EFC - Entira Family Clinics
- HCMC - Hennepin County Medical Center
- IHN - Integrity Health Network
- MCHS - Mayo Clinic Health System
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- PRHHS - Prairie Ridge Hospital and Health Services
- RRHS - Range Regional Health Services
- UMP - University of Minnesota Physicians
- WSCHS - West Side Community Health Services
- WWMA - Western Wisconsin Medical Associates

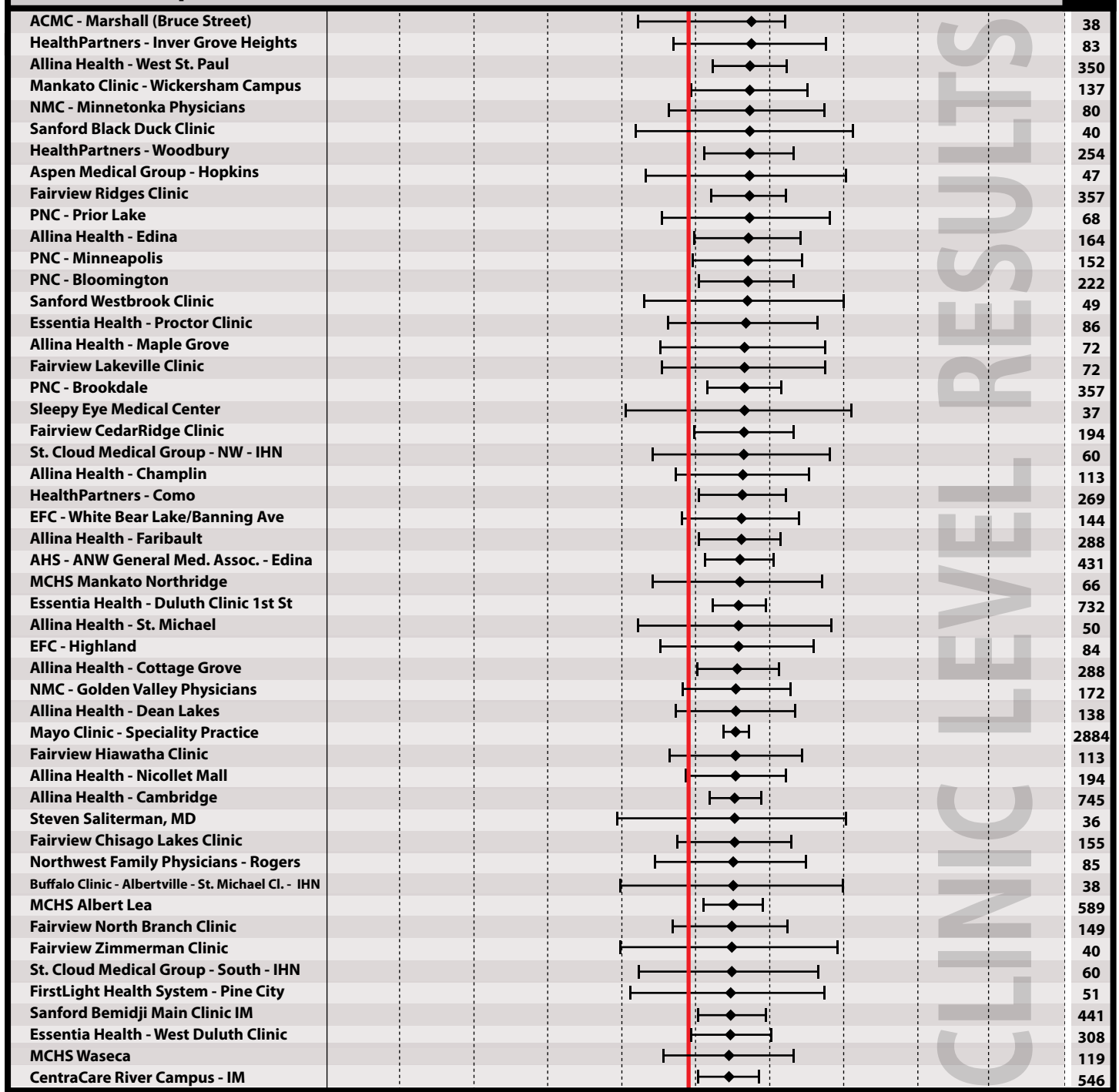


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|---|--|
| ACMC - Affiliated Community Medical Centers | OAHS - Ortonville Area Health Services             |
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| MCHS - Mayo Clinic Health System            |  |
| NMC - North Memorial Clinic                 |  |



**Chart 3.1: Optimal Vascular Care (Clinic Results)**

n\*



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Statewide Average **49%**

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

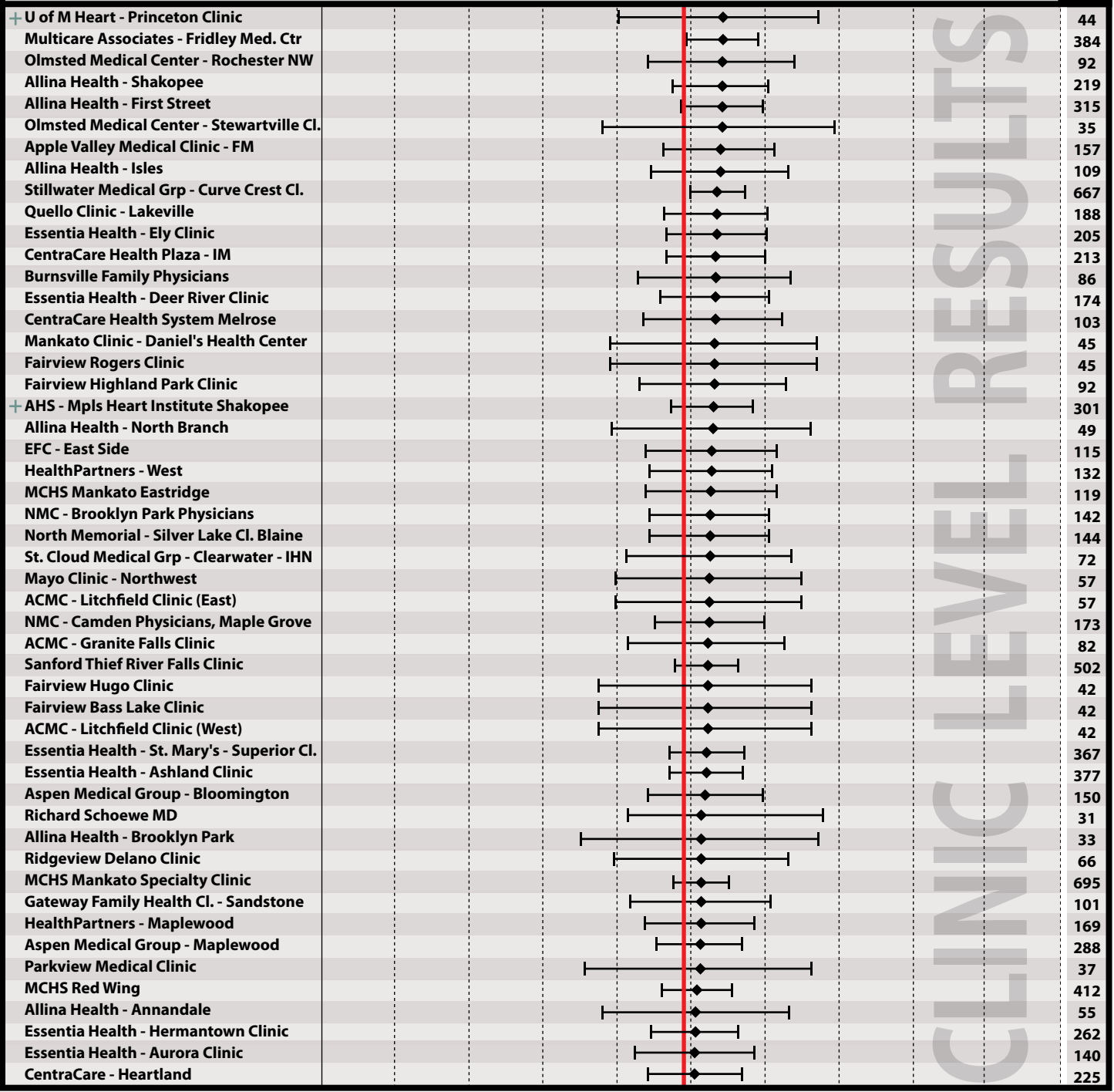
CLINIC LEVEL RESULTS

Living with Illness

- |   |  |
|---|--|
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**Chart 3.1: Optimal Vascular Care (Clinic Results)**

n\*

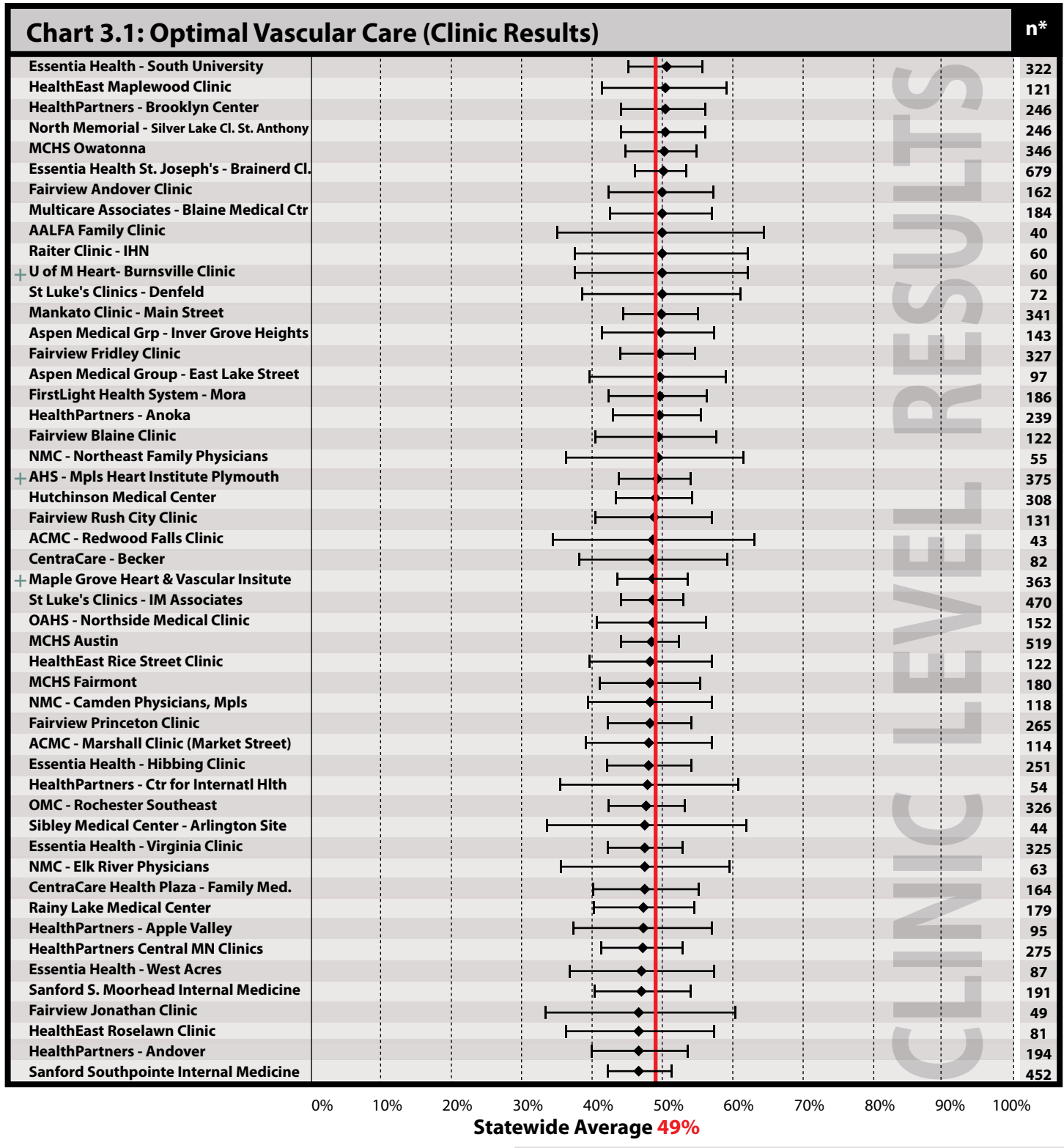


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Statewide Average **49%**

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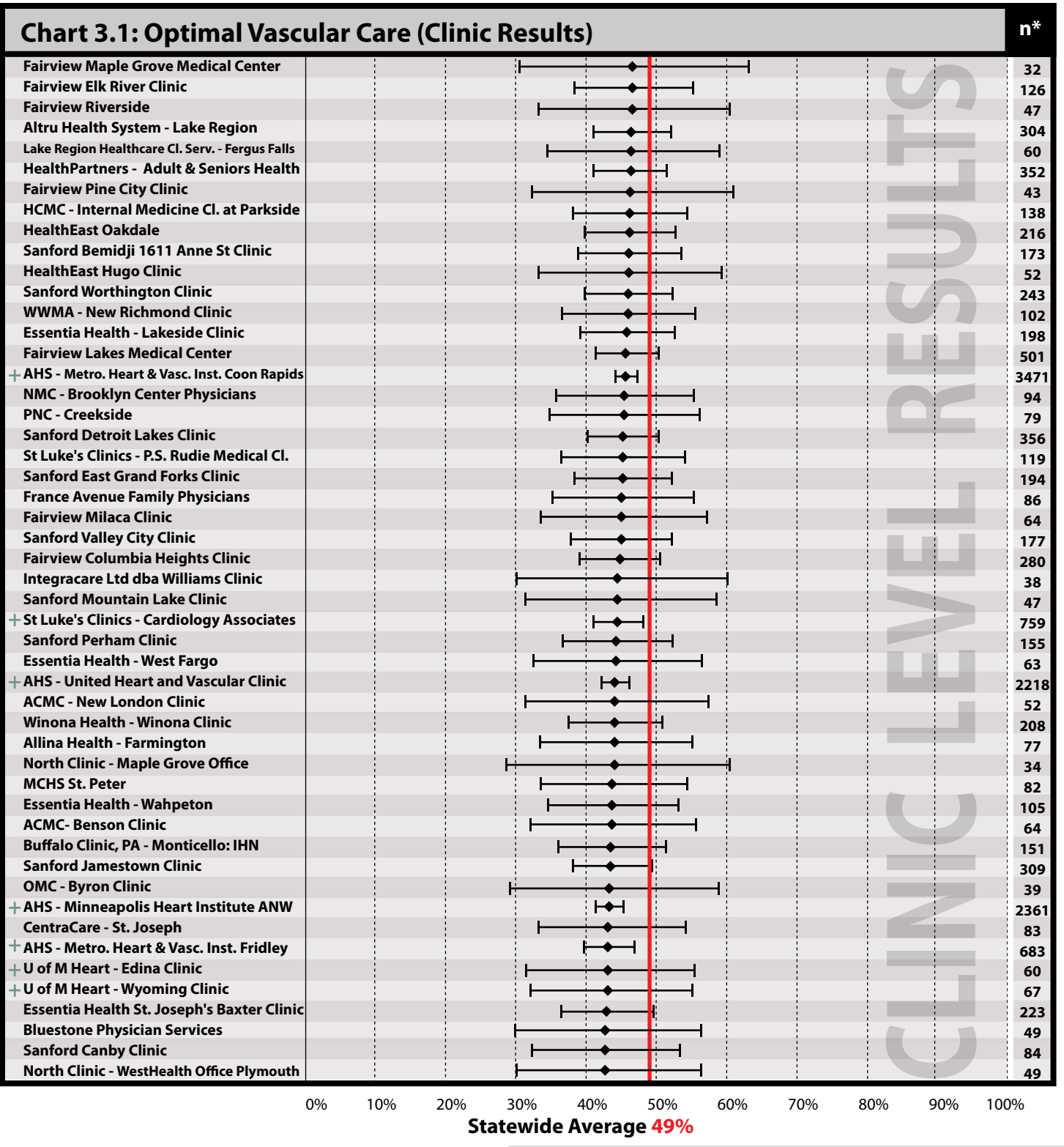
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Living with Illness

CLINIC LEVEL RESULTS

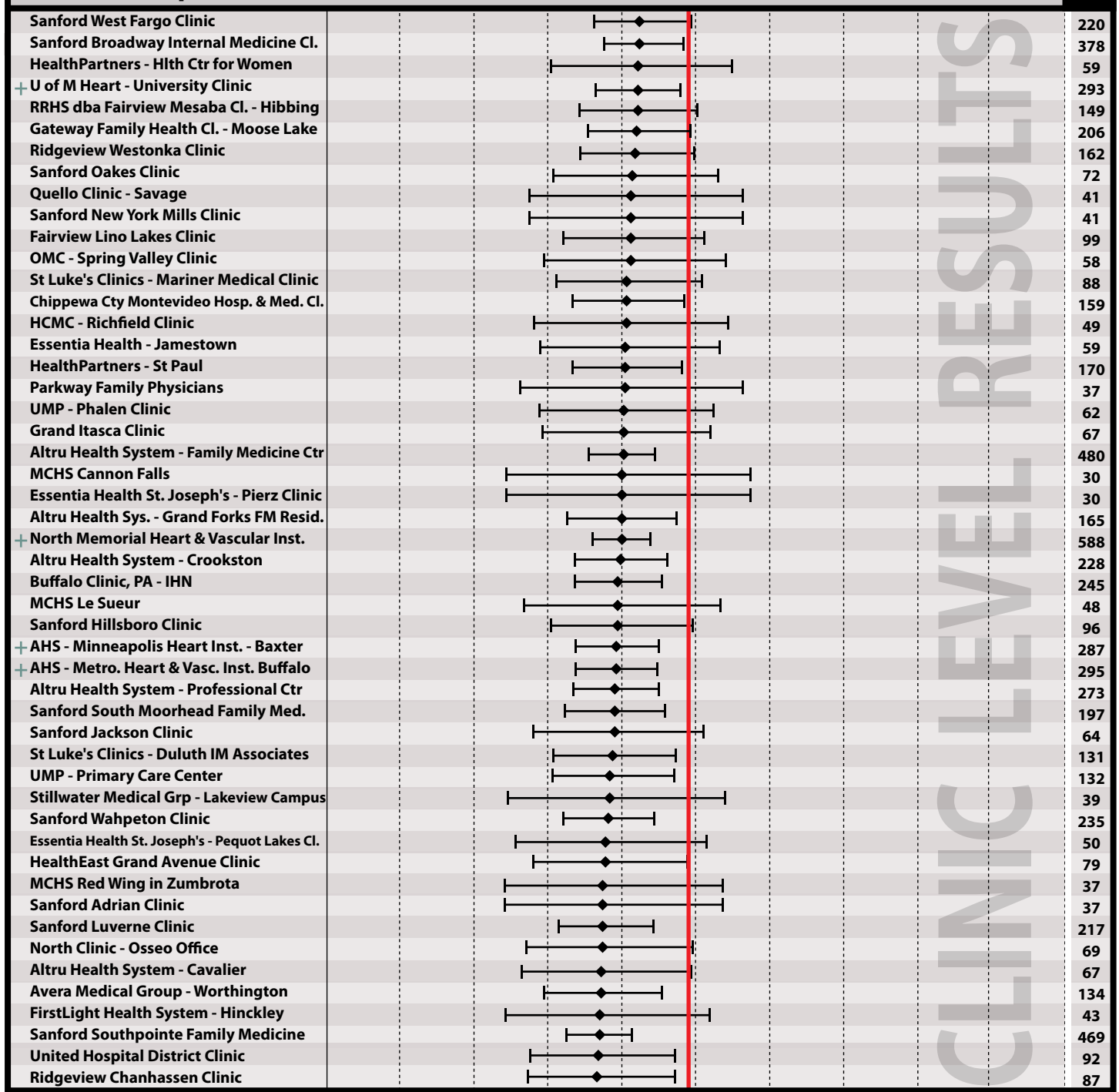
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**Chart 3.1: Optimal Vascular Care (Clinic Results)**

n\*



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Statewide Average **49%**

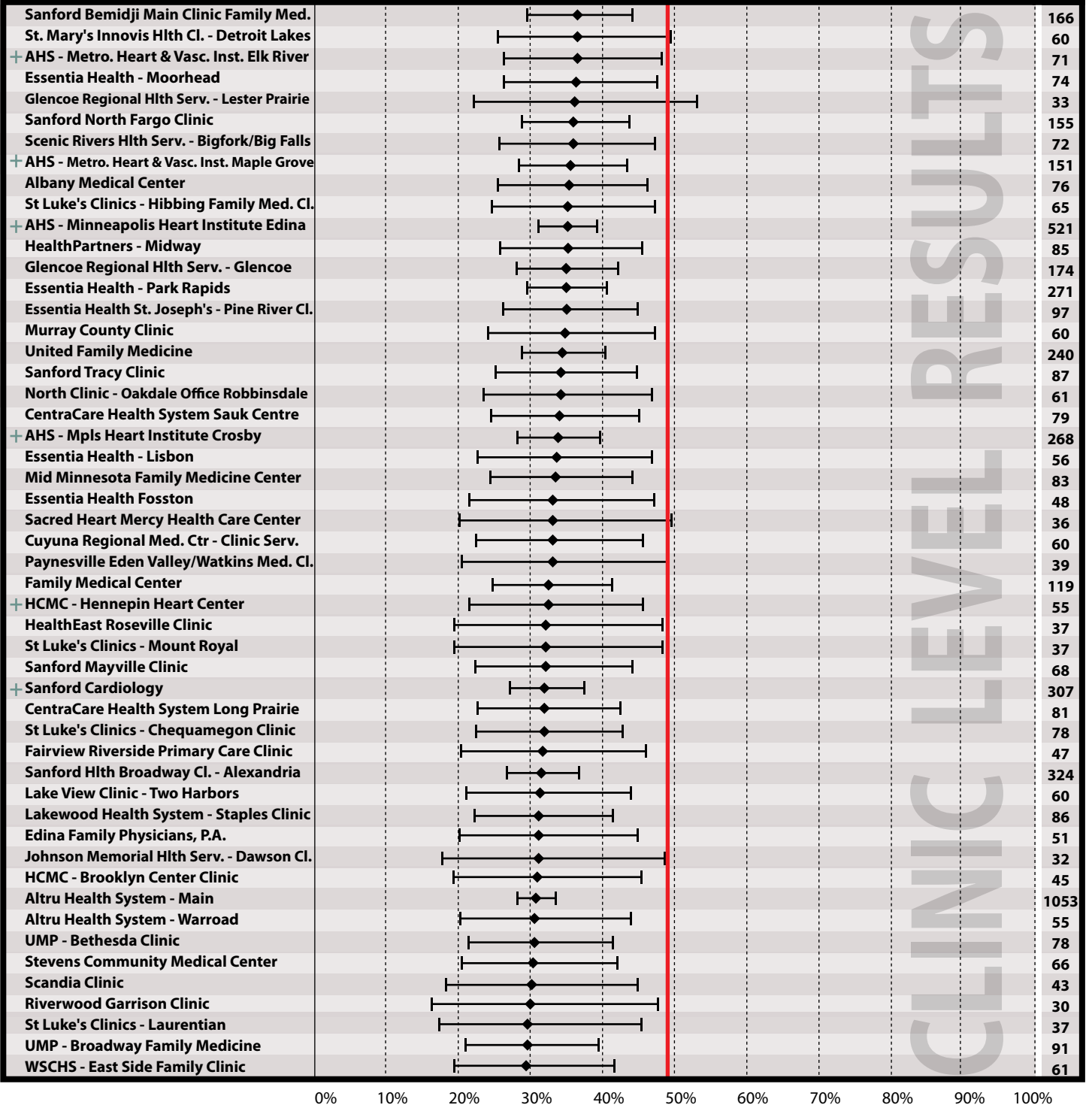
+ Cardiology | Lower Confidence Level/Upper Confidence Level n\* = sample size

CLINIC LEVEL RESULTS

Living with Illness

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- WWMA - Western Wisconsin Medical Associates

# Chart 3.1: Optimal Vascular Care (Clinic Results) n\*



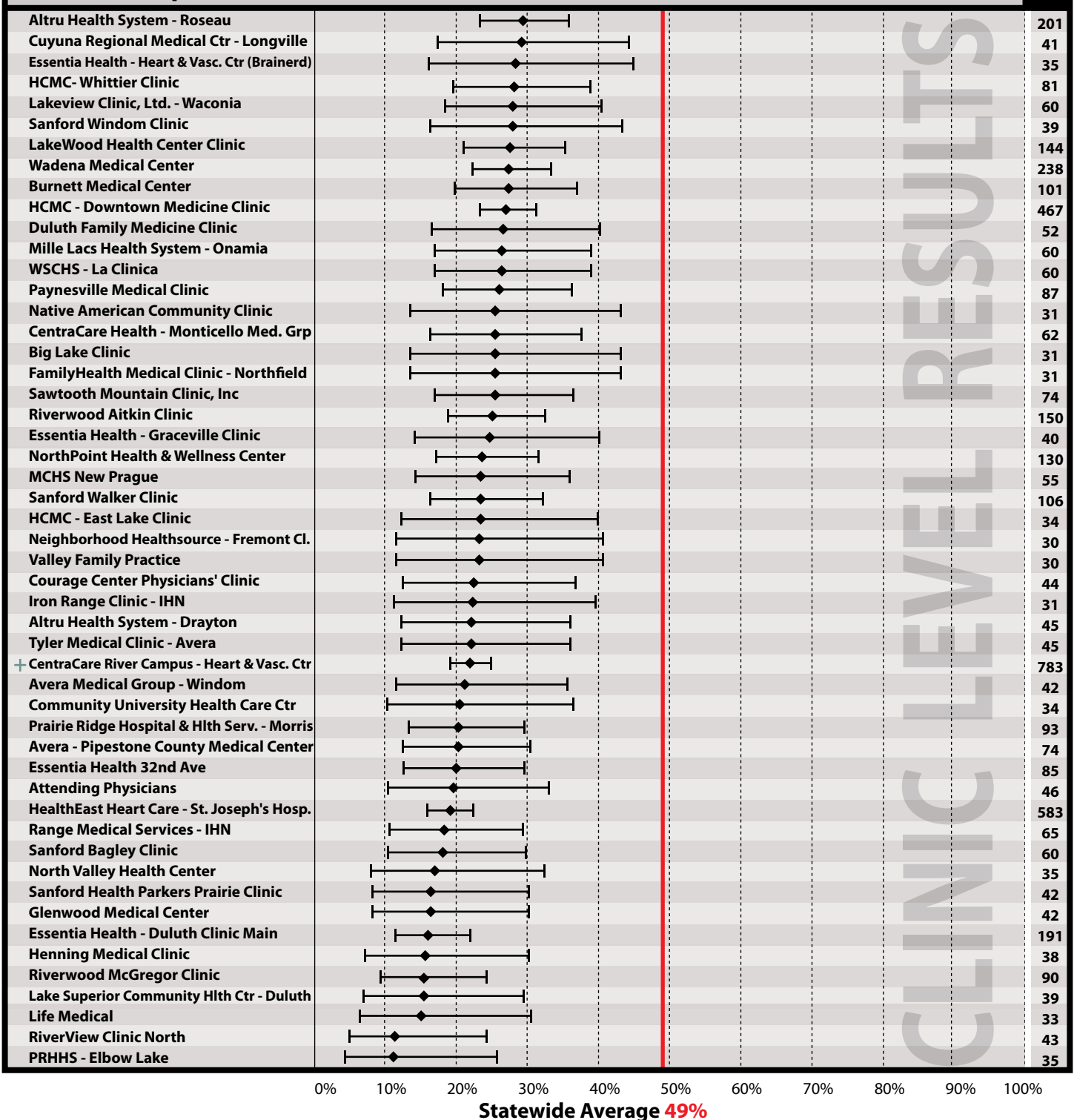
Statewide Average **49%**

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

- |   |  |
|---|--|
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**Chart 3.1: Optimal Vascular Care (Clinic Results)**

n\*



Living with Illness

CLINIC LEVEL RESULTS

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

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- AMC - Allina Medical Clinic
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- UMP - University of Minnesota Physicians
- WSCHS - West Side Community Health Services
- WWMA - Western Wisconsin Medical Associates

## Performance Highlights - Clinic Results

### Highest performers in 2013

Clinic results showed that an average of 49 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 74 percent of vascular disease patients in full compliance with all four vascular care components. There were 115 of 452 clinics with rates and confidence intervals fully above the statewide average. The high-performing clinics are below in alphabetical order under their medical group:

#### **Affiliated Community Medical Centers**

- Willmar Clinic

#### **Allina Health System**

- Abbott Northwestern General Medicine Associates-Edina
- New Ulm Medical Center

#### **Allina Medical Clinic**

- Blaine
  - Buffalo
  - Cambridge
  - Chaska
  - Coon Rapids
  - Cottage Grove
  - Eagan
  - Edina
  - Elk River
  - Faribault
  - First Street
  - Forest Lake
  - Nicollet Mall
  - Nininger Road
  - Northfield
  - Plymouth
  - Prescott
  - Ramsey
  - Richfield
  - Shoreview
  - United Medical Specialities
  - Uptown
  - West St. Paul
  - Woodbury
- #### **Aspen Medical Group**
- Bandana Square
  - Highland

#### **Catalyst Medical Clinic**

#### **CentraCare Health System**

- River Campus - Internal Medicine

#### **Entira Family Clinics**

- Como/Roseville
- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul
- Shoreview
- Vadnais Heights
- West St. Paul
- White Bear Lake-Bellaire Ave.
- Woodbury

#### **Essentia Health - East Region**

- Duluth Clinic 1st St.
- Hayward
- Lakewalk
- Spooner
- West Duluth

#### **Fairview Health Services**

- Brooklyn Park
- CedarRidge Clinic
- Crosstown Clinic
- Eagan Clinic
- Eden Center Clinic
- Northeast Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic
- Uptown

#### **Family Practice Medical Center of Willmar**

#### **HealthEast**

- Cottage Grove
- Downtown St. Paul

- Midway
- Vadnais Heights
- Woodbury

#### **HealthPartners Clinics**

- Arden Hills
- Bloomington
- Como
- Coon Rapids
- Elk River
- Regions Specialty Center
- Riverside
- Roseville
- White Bear Lake
- Woodbury

#### **Mankato Clinic**

- Lake Crystal
- North Mankato
- Wickersham Campus

#### **Mayo Clinic**

- Baldwin Bldg., Family Medicine
- Baldwin Bldg., Internal Medicine
- Northeast
- Specialty Practice

#### **Mayo Clinic Health System**

- Albert Lea
- Faribault Hwy 60
- Lake City
- Montgomery
- St. James
- Wabasha

#### **Multicare Associates**

- Fridley Medical Center
- Roseville

#### **North Memorial Clinic**

- Camden Physicians, Plymouth

- Maple Grove

#### **Northwest Family Physicians**

- Crystal
- Plymouth

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

- Bloomington
- Brookdale
- Burnsville
- Carlson
- Chanhassen
- Eagan
- Golden Valley
- Heart and Vascular-Cardiology
- Maple Grove
- Minneapolis
- Plymouth
- Prairie Center
- Shakopee
- Shorewood
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

#### **Quello Clinic**

- Burnsville
- Chanhassen
- Edina

#### **Sanford Health - Fargo Region**

- Bemidji Main Clinic Internal Med.

#### **Stillwater Medical Group**

- Curve Crest

#### **Western Wisconsin Medical Associates**

- Ellsworth Medical Clinic
- Hudson Physicians
- River Falls Medical Clinic

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Optimal Vascular Care (clinic results) was made by **Integracare Ltd dba Williams Clinic**, whose score increased by more than 42 percentage points.

### Clinic performance over time (2011-2013)

Not applicable due to changes in the measurement specifications.



## Performance Highlights - Clinic Results

### Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

#### Wisconsin - 6 out of 11 (55%)

**Allina Medical Clinic**

- Prescott

**Essentia Health - East Region**

- Hayward Clinic
- Spooner Clinic

**Western Wisconsin Medical Associates**

- Ellsworth Medical Clinic
- Hudson Physicians
- River Falls Medical Clinic

#### East Metro - 44 out of 103 (43%)

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Cottage Grove
- Eagan
- First Street
- Forest Lake
- Nininger Road
- Ramsey
- Shoreview
- United Medical Specialties
- West St. Paul
- Woodbury

**Aspen Medical Group**

- Bandana Square
- Highland

**Entira Family Clinics**

- Como/Roseville
- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul
- Shoreview
- Vadnais Heights
- West St. Paul
- White Bear Lake-Bellaire Ave.
- Woodbury

**Fairview Health Services**

- CedarRidge Clinic
- Eagan Clinic
- Ridges Clinic

**HealthEast**

- Cottage Grove
- Downtown St. Paul
- Midway
- Vadnais Heights
- Woodbury

**HealthPartners Clinics**

- Arden Hills
- Como
- Coon Rapids
- Regions Specialty Ctr
- Roseville
- White Bear Lake
- Woodbury

**Multicare Associates**

- Fridley
- Roseville

**Park Nicollet Health Services**

- Burnsville
- Eagan

**Quello Clinic**

- Burnsville

**Stillwater Medical Group**

- Curve Crest



#### Southeast - 16 out of 42 (38%)

**Allina Health System**

- New Ulm Medical Center

**Allina Medical Clinic**

- Faribault
- Northfield

**Mankato Clinic**

- Lake Crystal
- North Mankato
- Wickersham Campus

**Mayo Clinic**

- Baldwin Bldg., Family Med.

- Baldwin Bldg., Internal Med.
- Northeast
- Specialty Practice

**Mayo Clinic Health System**

- Albert Lea
- Faribault Hwy 60
- Lake City
- Montgomery
- St. James
- Wabasha

## Performance Highlights - Clinic Results

### Highest performers in 2013 by region - *continued*

#### West Metro - 38 out of 107 (36%)

**Allina Health System**

- Abbott Northwestern General Medicine Associates - Edina

**Allina Medical Clinic**

- Chaska
- Edina
- Nicollet Mall
- Plymouth
- Richfield
- Uptown

**Catalyst Medical Clinic**

**Fairview Health Services**

- Brooklyn Park
- Crosstown Clinic
- EdenCenter Clinic
- Northeast Clinic
- Oxboro Clinic
- RidgeValley Clinic
- Uptown Clinic

**HealthPartners Clinics**

- Bloomington
- Riverside

**North Memorial Clinic**

- Camden Physicians,

Plymouth

- Maple Grove

**Northwest Family Physicians**

- Crystal
- Plymouth

**Park Nicollet Health Services**

- Bloomington
- Brookdale
- Carlson
- Chanhassen
- Golden Valley
- Heart and Vascular Center-Cardiology
- Maple Grove
- Minneapolis
- Plymouth
- Prairie Center
- Shakopee
- Shorewood
- St. Louis Park Family
- St. Louis Park Internal
- Wayzata

**Quello Clinic**

- Chanhassen
- Edina



#### Northeast - 3 out of 34 (9%)

**Essentia Health - East Region**

- Duluth Clinic 1st St.
- Lakewalk
- West Duluth Clinic

#### Central - 5 out of 73 (7%)

**Allina Medical Clinic**

- Buffalo
- Cambridge
- Elk River

**CentraCare Health System**

- River Campus Internal Medicine

**HealthPartners Clinics**

- Elk River

#### Southwest - 2 out of 38 (5%)

**Affiliated Community Medical Centers**

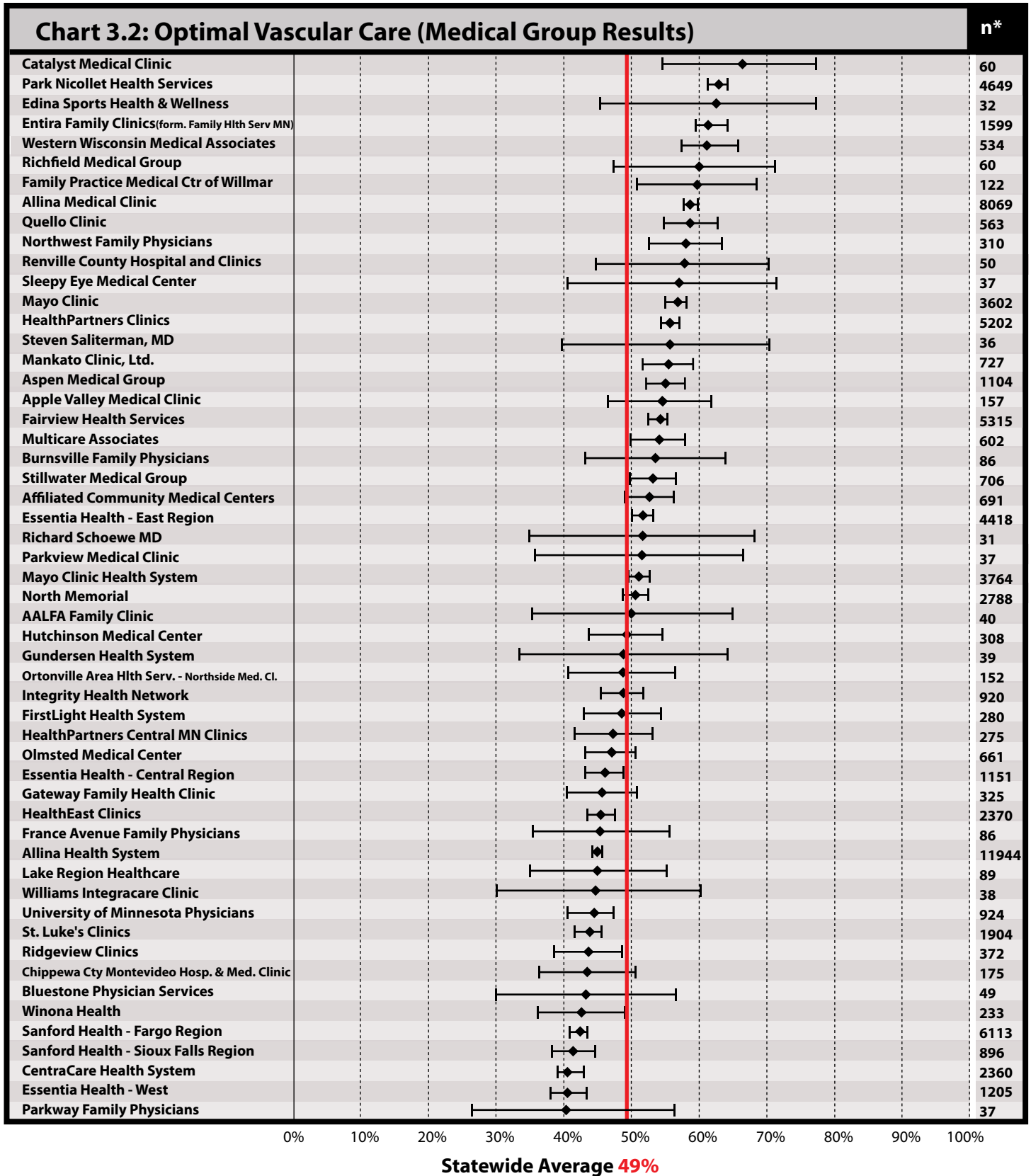
- Willmar Clinic

**Family Practice Medical Center of Willmar**

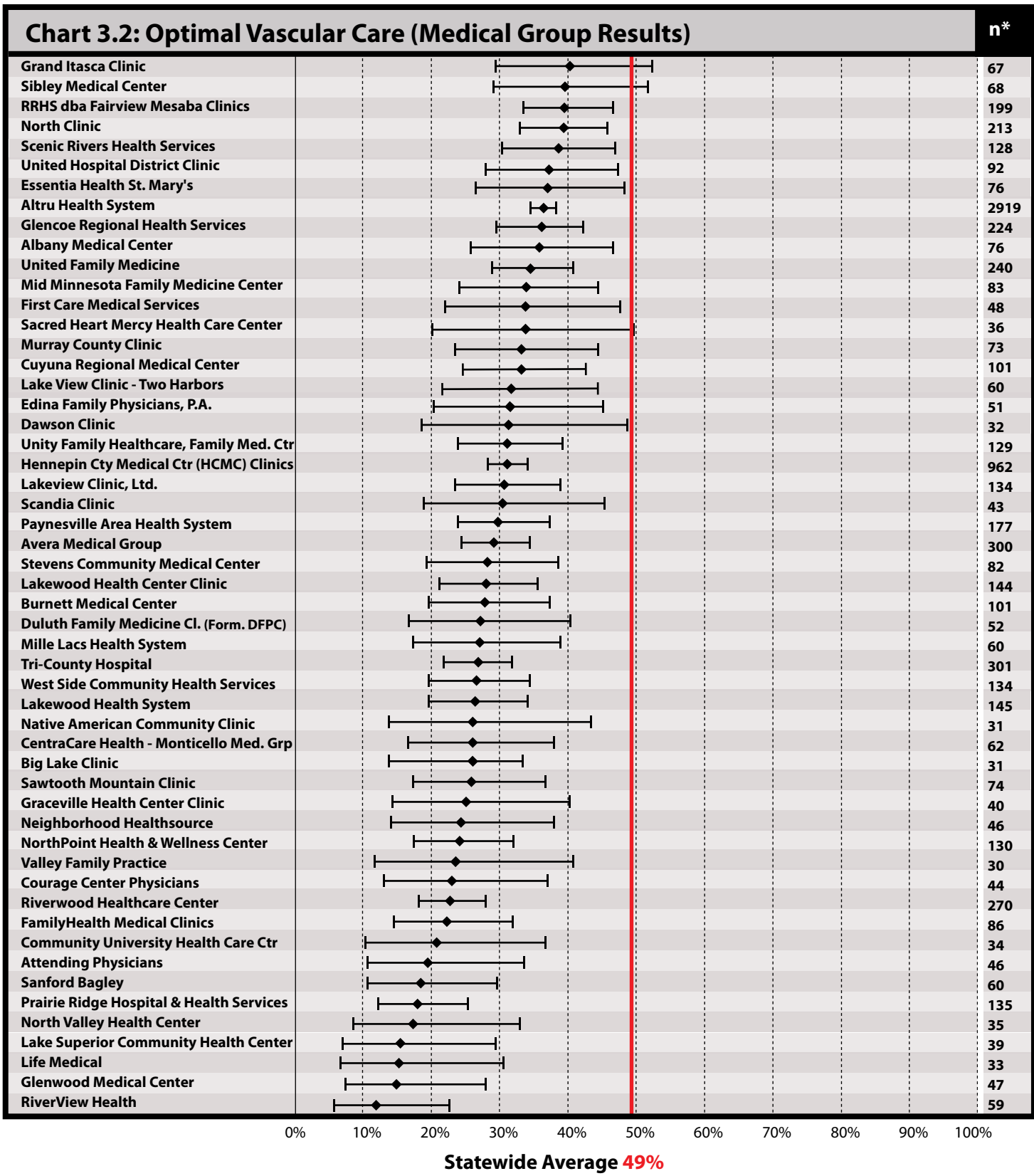
#### Northwest - 1 out of 25 (4%)

**Sanford Health - Fargo Region**

- Bemidji Main Clinic Internal Med.



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DFPC - Duluth Family Practice Center  
 RRHS - Range Regional Health Services

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Clinic results by medical group showed that an average of 49 percent of patients with vascular disease met all four required components in this measure. **Catalyst Medical Clinic** set the benchmark of 67 percent of vascular patients in full compliance with all four vascular care components. There were 19 of 107 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

- Catalyst Medical Clinic
- Park Nicollet Health Services
- Entira Family Clinics
- Western Wisconsin Medical Associates
- Family Practice Medical Center of Willmar
- Allina Medical Clinic
- Quello Clinic
- Northwest Family Physicians
- Mayo Clinic
- HealthPartners Clinics
- Mankato Clinic, Ltd.
- Aspen Medical Group
- Fairview Health Services
- Multicare Associates
- Stillwater Medical Group
- Affiliated Community Medical Centers
- Essentia Health - East Region
- Mayo Clinic Health System
- North Memorial

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Optimal Vascular Care (medical group results) was made by **Williams Integracare Clinic**, whose score increased by more than 42 percentage point increase.

### Medical group performance over time (2011-2013)

Not applicable due to changes in the measurement specifications.

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

## Controlling High Blood Pressure

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

January 1 - December 31, 2012 dates of service

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 following the hypertension diagnosis).

The statewide rate for Controlling High Blood Pressure is 75 percent. Table 4 displays the details of the 2013 rate. Figure 4 shows the average rate for Controlling High Blood Pressure over time. Since the 2007 report, there has been an increase in this rate; since the 2011 report the rate has remained stable. Chart 4 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

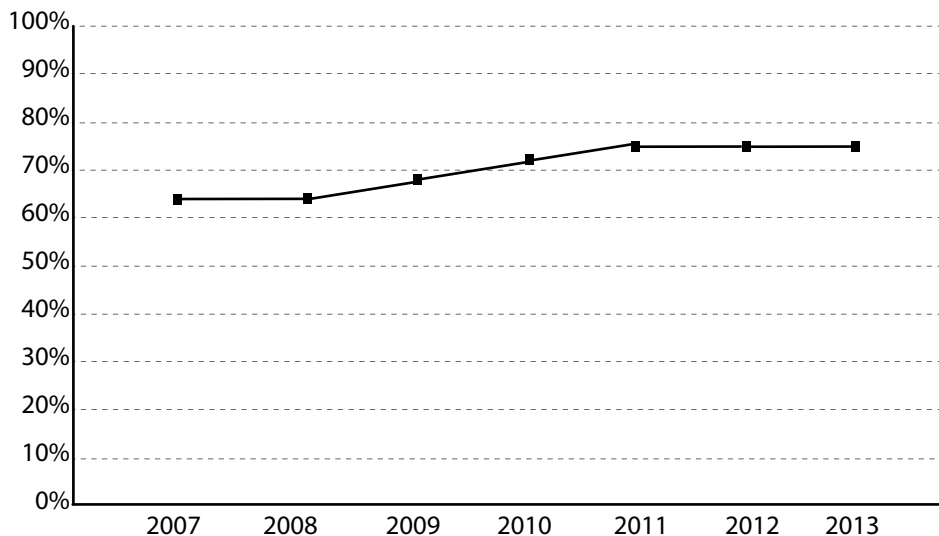
Data collected for this measure are from health plan claims *and* medical record review.

**Table 4: Statewide Rate for Controlling High Blood Pressure\***

	Statewide Average (Weighted)	95% CI	Numerator (Patients who met target goal)	Denominator (Patients Sampled)	Total Eligible
BP <140/90 mmHg	75.1%	74.3%-75.8%	9,459	13,248	210,556

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

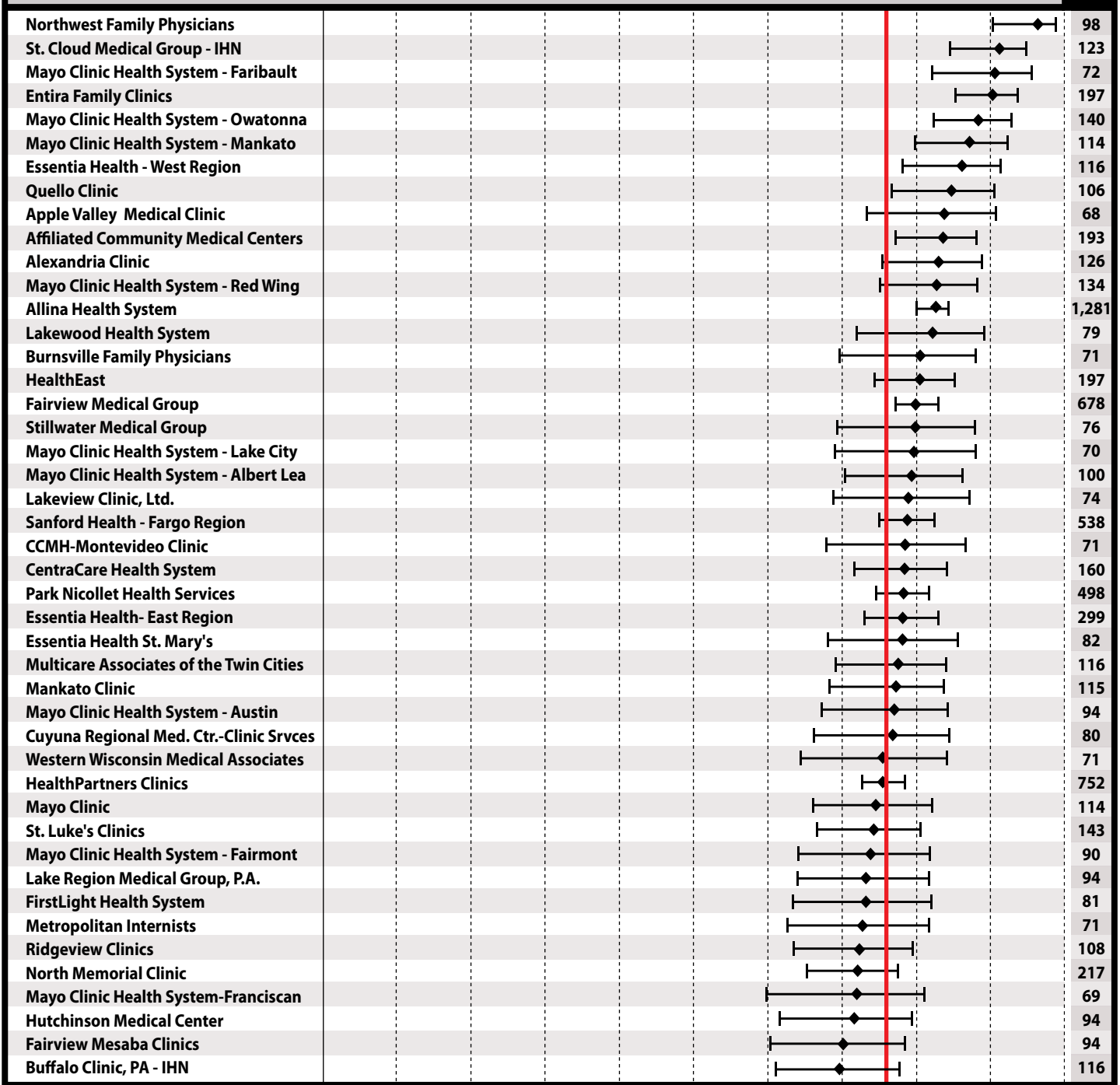
**Figure 4: Statewide Rates for Controlling High Blood Pressure Over Time**



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

### Chart 4: Controlling High Blood Pressure Rates by Medical Group

n\*



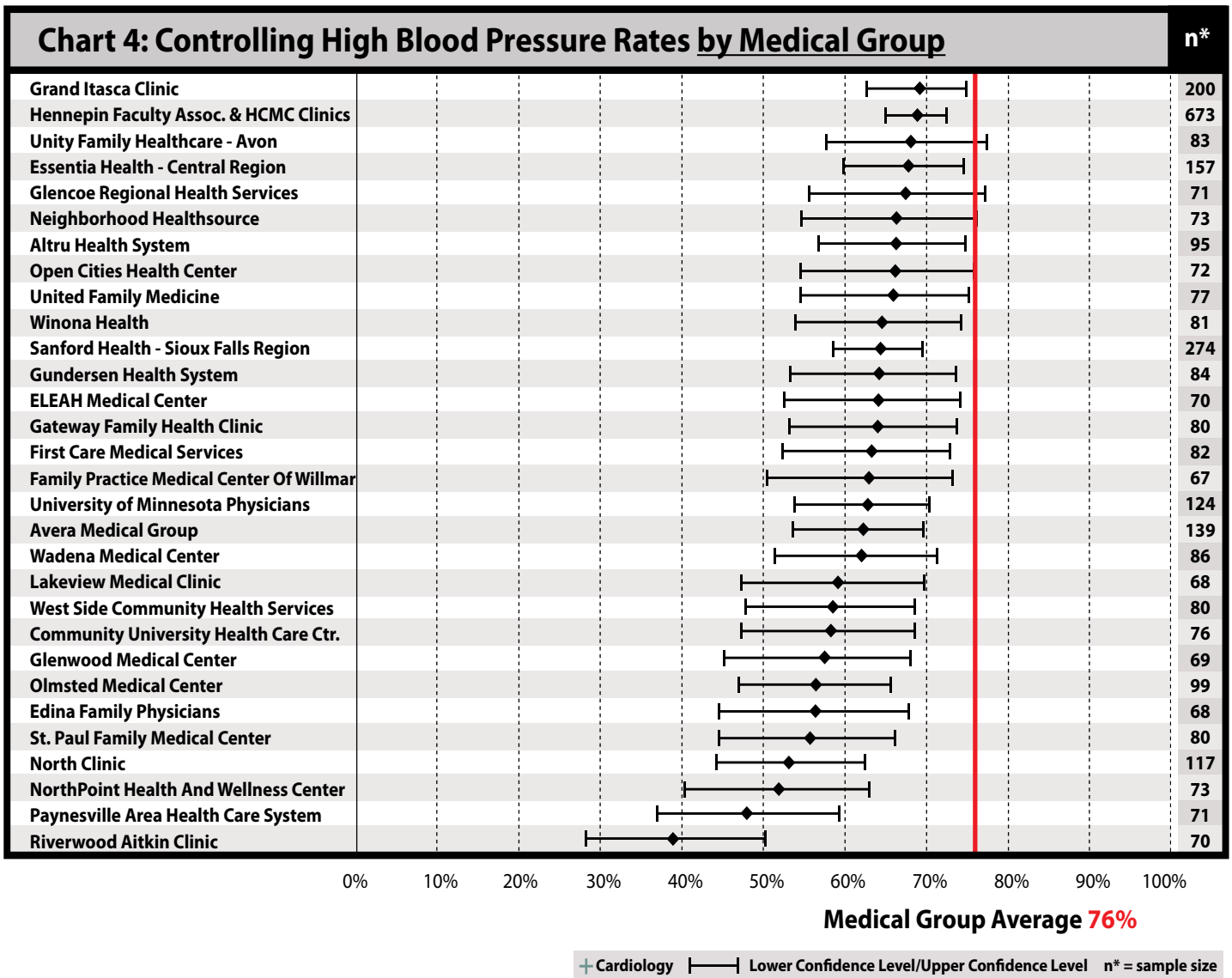
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Medical Group Average **76%**

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

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\* 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 Results

### Highest performers in 2013

Medical group results showed that an average of 76 percent of patients with high blood pressure were appropriately controlled. **Northwest Family Physicians** set the benchmark of 96 percent of patients with controlled blood pressure. Eleven of 75 medical groups had rates and confidence intervals that were fully above the medical group average. They are below from high to low.

- Northwest Family Physicians
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- Mayo Clinic Health System- Faribault
- Entira Family Clinics
- Mayo Clinic Health System- Owatonna
- Mayo Clinic Health System - Mankato
- Essentia Health - West Region
- Quello Clinic
- Affiliated Community Medical Centers
- Allina Health System
- Fairview Medical Group

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Controlling High Blood Pressure (medical group results) was made by **Mayo Clinic Health System - Franciscan Healthcare in LaCrosse**, whose score increased by more than a 28 percentage point.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following two medical groups achieved consistently high performance and above average rates over the past three years for Controlling High Blood Pressure:**

- Affiliated Community Medical Centers
- Entira Family Clinics

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

- Gateway Family Health Clinic
- Mayo Clinic Health System- Owatonna
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN

#### **Eight groups showed consistent decreases over three years:**

- Essentia Health - Central Region
- Gundersen Health System
- HealthEast
- Mankato Clinic
- NorthPoint Health And Wellness Center
- Olmsted Medical Center
- United Family Medicine
- Western Wisconsin Medical Associates

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

- Fairview Medical Group
- Lakeview Medical Clinic
- Mayo Clinic Health System- Albert Lea

**Fifty-four medical groups did not have a discernable pattern over three years.**

Please See Next Page

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

## Optimal Asthma Care

### Optimal Asthma Care (Results at Clinic and Medical Group Level)

July 1, 2012 - June 30, 2013 dates of service

This measures the percentage of patients ages 5-17 and patients ages 18-50 with persistent asthma who have reached the following three targets to control their asthma:

- Evidence of well-controlled asthma
- Not at risk for elevated exacerbation as evidenced by patient-reported emergency department visits and hospitalizations
- Patient has been educated about his or her asthma and self-management of the condition and has received a written asthma management plan

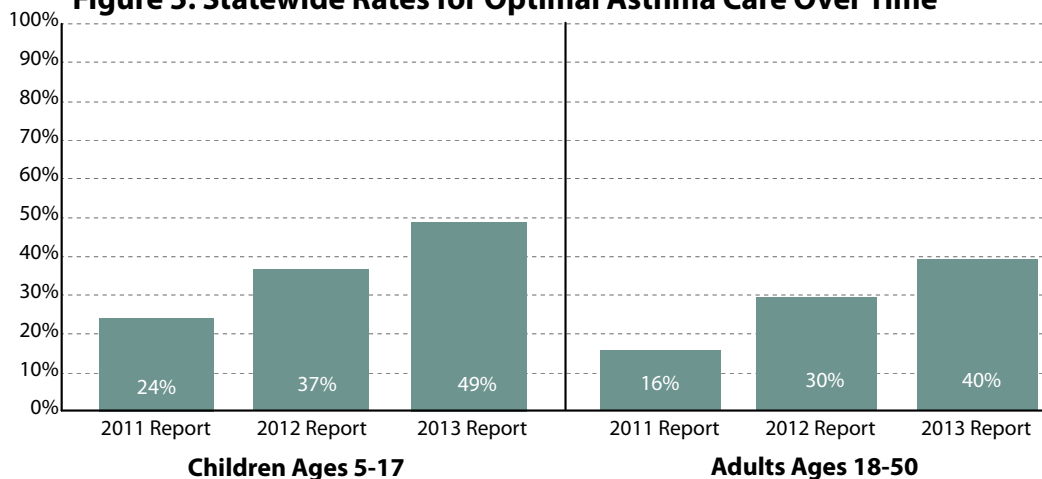
The statewide rate for Optimal Asthma Care is 49 percent for children ages 5-17 and 40 percent for adults ages 18-50. Table 5 displays the details of this statewide rate for both populations. Figure 5 shows the average rate for Optimal Asthma Care by age stratification over time. Since last year, there has been an increase in this rate for both patient populations. Chart 5.1 provides the clinic results for children ages 5-17 sorted from highest to lowest along with the statewide average (the bold black line). Chart 5.2 provides the clinic results for children ages 5-17 rolled up by medical group and are sorted by medical group from highest to lowest along with the average (the bold line). Chart 5.3 provides the clinic results for adults ages 18-50 and Chart 5.4 provides the clinic results for adults ages 18-50 rolled up by medical group.

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

**Table 5: Statewide Rate for Optimal Asthma Care - Children and Adults**

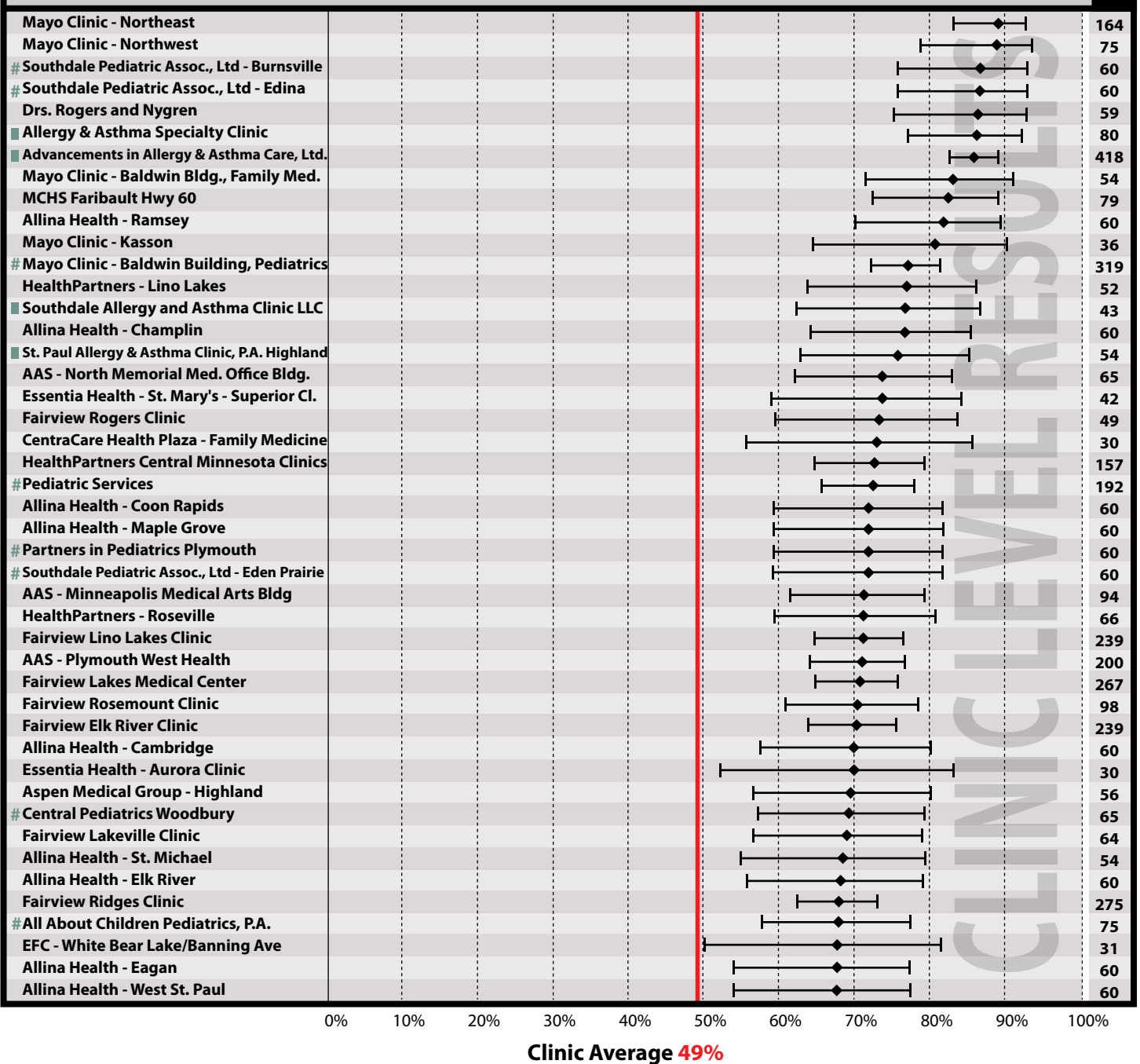
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Asthma Care- Children	49.2%	48.7%-49.7%	15,861	34,322	40,726
Optimal Asthma Care- Adults	40.1%	39.7%-40.5%	20,069	52,407	60,000

**Figure 5: Statewide Rates for Optimal Asthma 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 5.1: Optimal Asthma Care- Children Ages 5-17 (Clinic Level Results)**

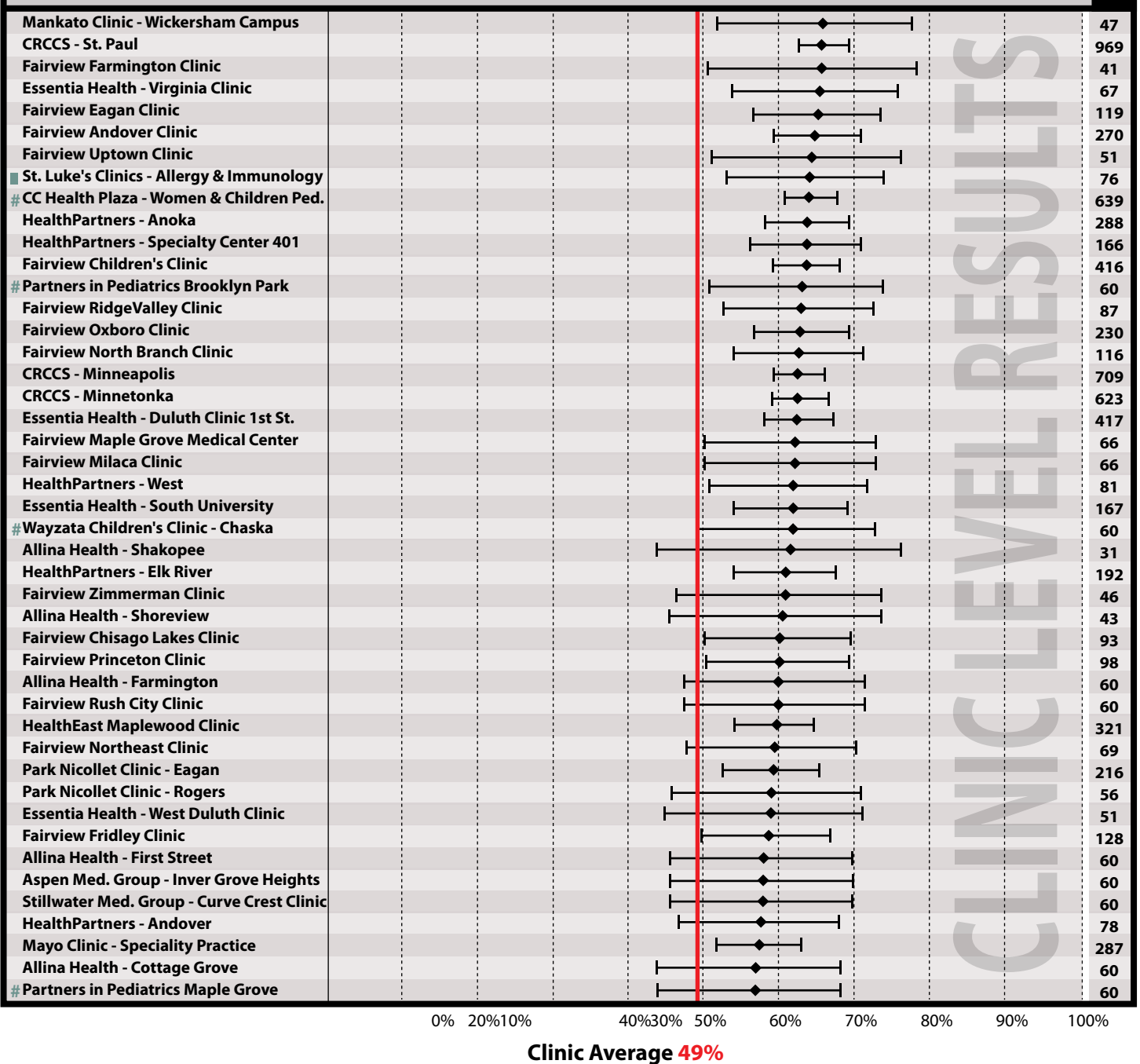


■ Allergy/Immunology #Pediatric — Lower Confidence Level/Upper Confidence Level n\* = sample size

- |  |   |  |
|--|---|--|
| <b>AAS</b> - Allergy & Asthma Specialists, PA                      | <b>CRCCS</b> - Children's Respiratory & Critical Care Specialists | <b>MLC/MLS</b> - MN Lung Center/MN Sleep Institute |
| <b>ACMC</b> - Affiliated Community Medical Centers                 | <b>EFC</b> - Entira Family Clinics                                | <b>NMC</b> - North Memorial Clinic                 |
| <b>AHS</b> - Altru Health System                                   | <b>HCMC</b> - Hennepin County Medical Center                      | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>AMC</b> - Allina Medical Clinic                                 | <b>IHN</b> - Integrity Health Network                             | <b>SPAAC</b> - St Paul Allergy & Asthma Clinic, PA |
| <b>CC</b> - CentraCare   | <b>LRH</b> - Lake Region Healthcare                               | <b>UMP</b> - University of Minnesota Physicians    |
| <b>CPACE</b> - Children's Pediatric & Adolescent Care of Minnesota | <b>MAAC</b> - Minnesota Allergy and Asthma Consultants            | <b>WSCHS</b> - West Side Community Health Services |
| <b>CPN</b> - Children's Physician Network                          | <b>MCHS</b> - Mayo Clinic Health System                           | <b>WWMA</b> - Western Wisconsin Medical Associates |

**Chart 5.1: Optimal Asthma Care- Children Ages 5-17 (Clinic Level Results)**

n\*

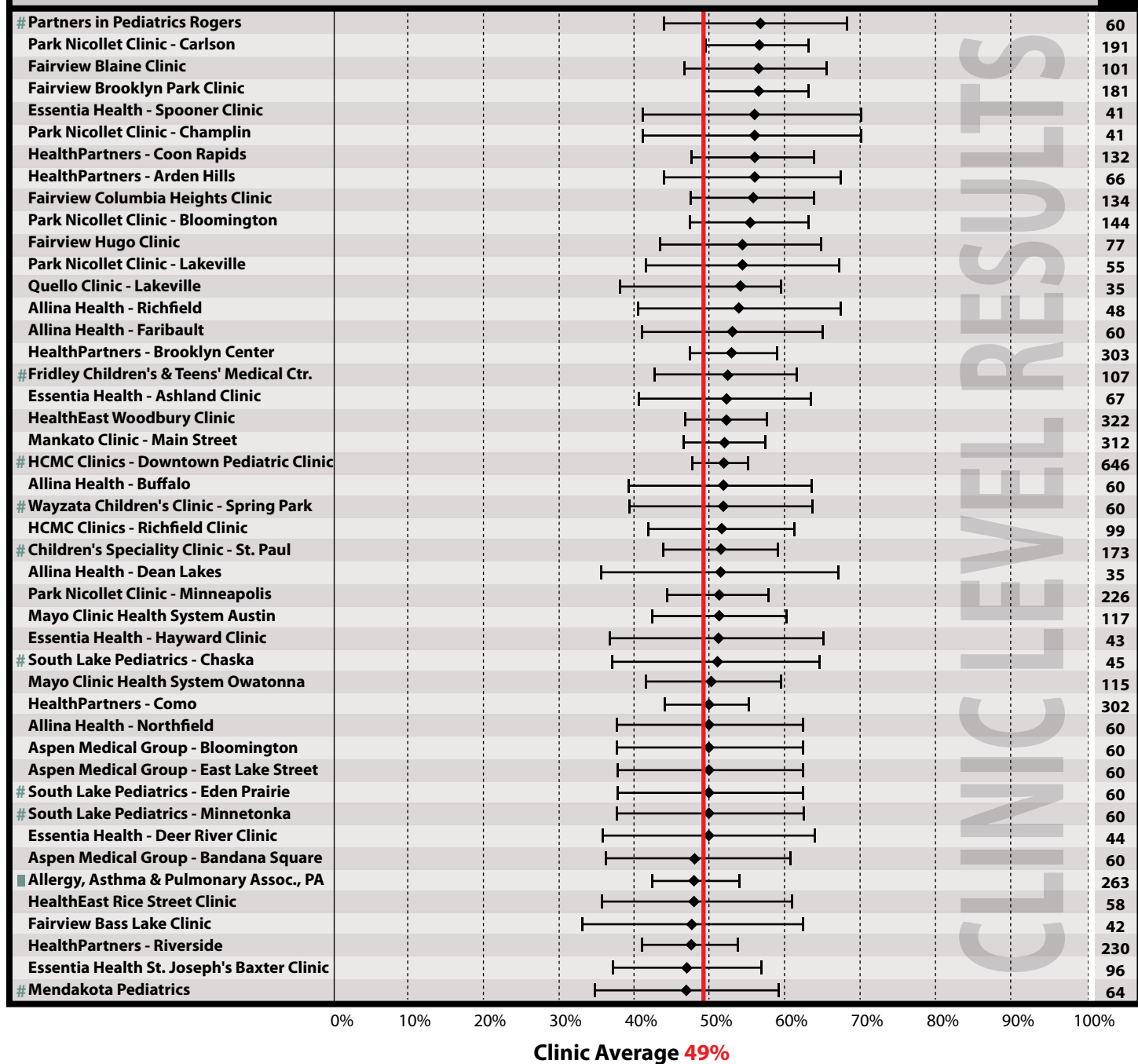


■ Allergy/Immunology #Pediatric — Lower Confidence Level/Upper Confidence Level n\* = sample size

- |  |   |  |
|--|---|--|
| <b>AAS</b> - Allergy & Asthma Specialists, PA                      | <b>CRCCS</b> - Children's Respiratory & Critical Care Specialists | <b>MLC/MLS</b> - MN Lung Center/MN Sleep Institute |
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**Chart 5.1: Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)**

n\*

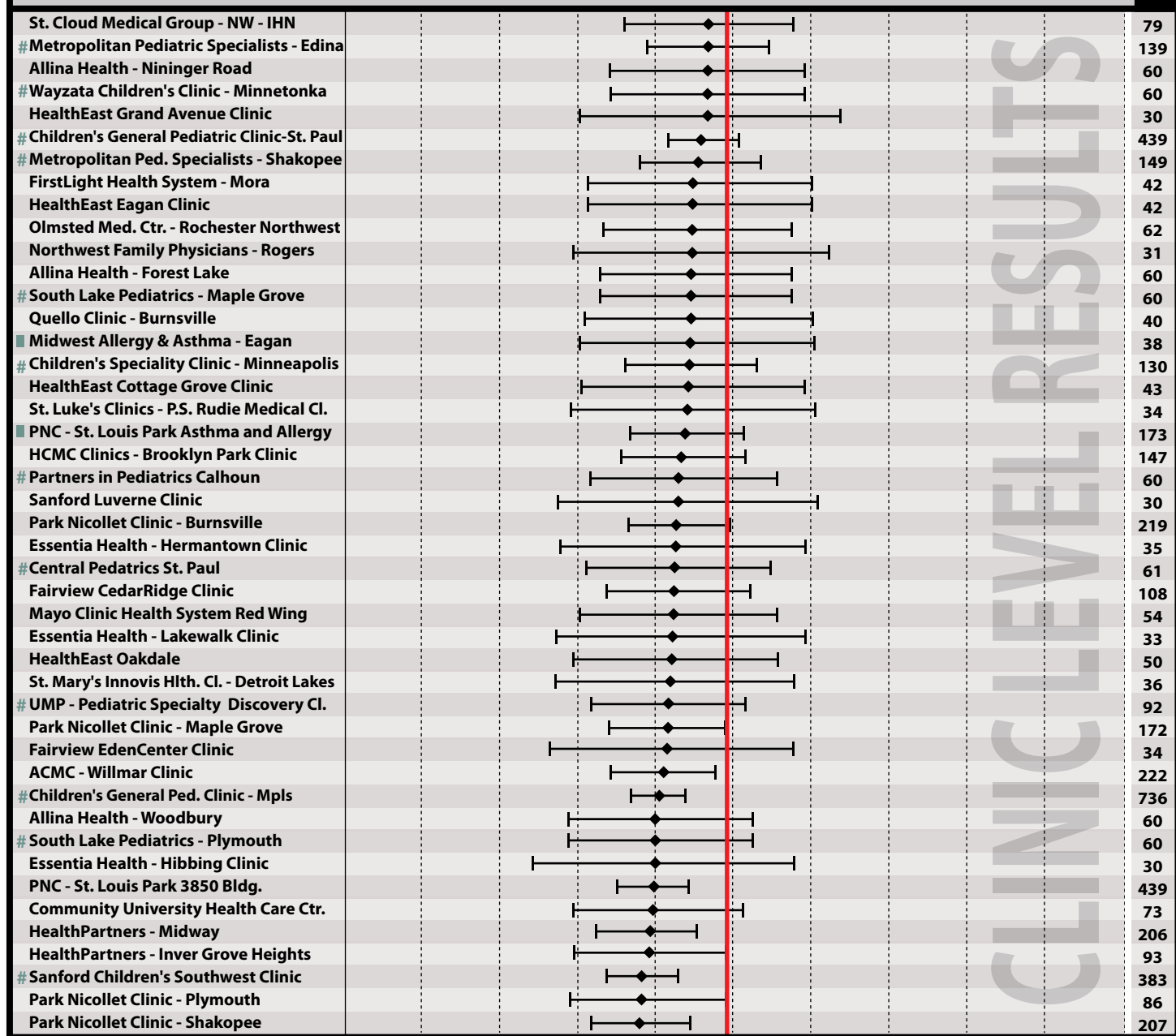


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**Chart 5.1: Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)**

n\*



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Clinic Average **49%**

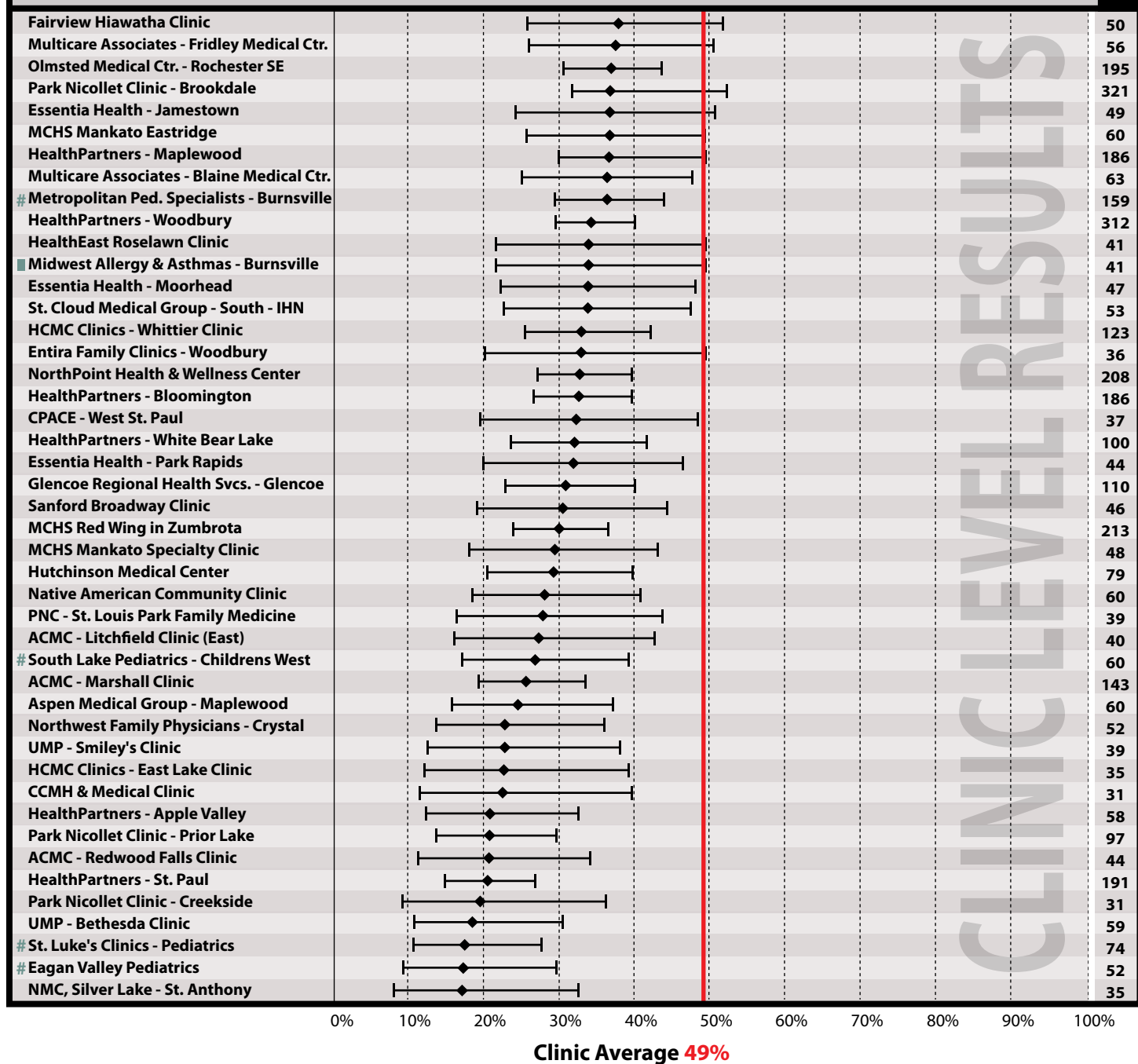
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**Chart 5.1: Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)**

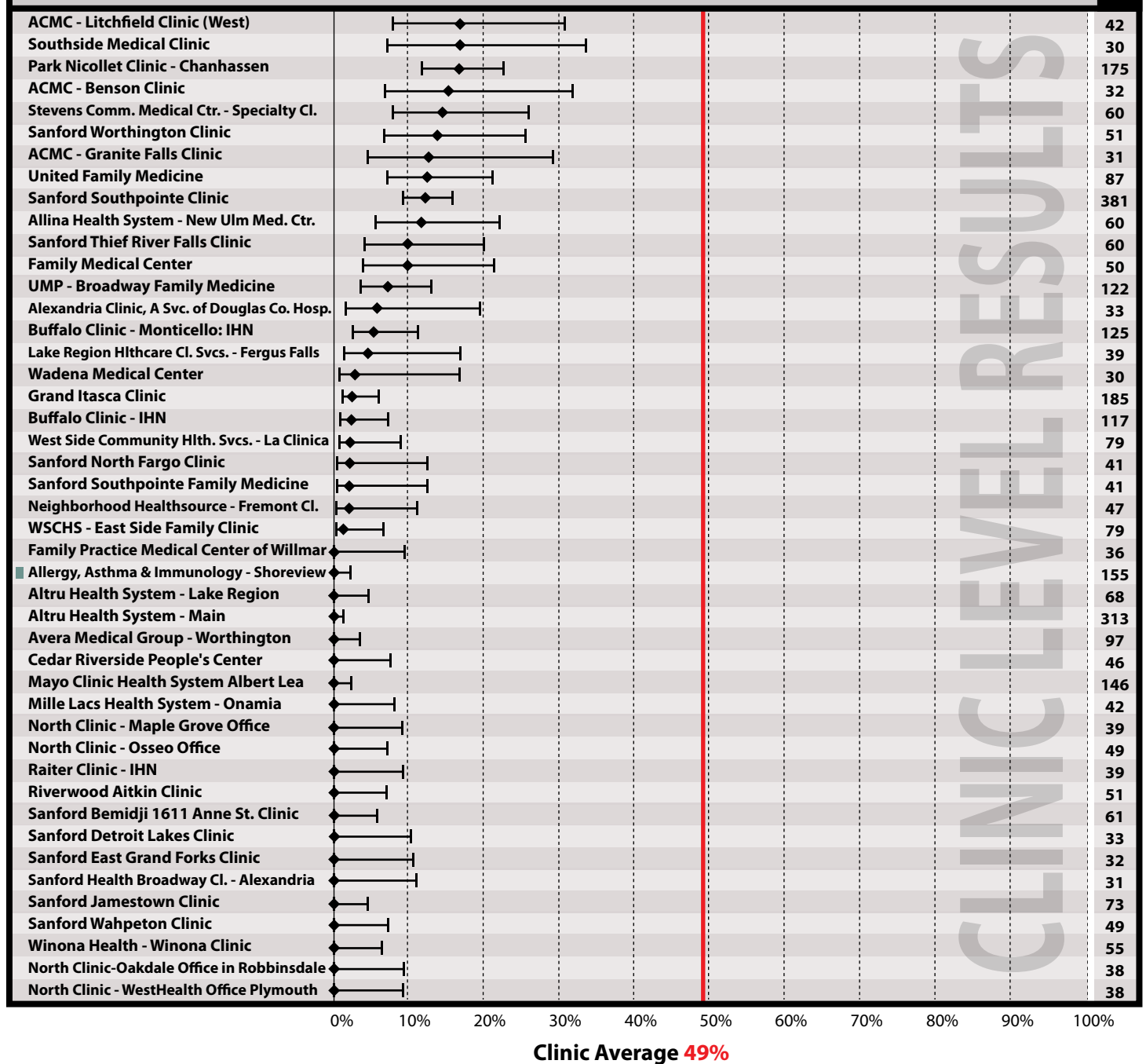
n\*



■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

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| <b>CPN</b> - Children's Physician Network                          | <b>MCHS</b> - Mayo Clinic Health System                           | <b>WWMA</b> - Western Wisconsin Medical Associates |

**Chart 5.1: Optimal Asthma Care- Children Ages 5-17 (Clinic Level Results)**



■ Allergy/Immunology #Pediatric — Lower Confidence Level/Upper Confidence Level n\* = sample size

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| <b>CPN</b> - Children's Physician Network                          | <b>MCHS</b> - Mayo Clinic Health System                           | <b>WWMA</b> - Western Wisconsin Medical Associates |

## Performance Highlights - Clinic Results - Children

### Highest performers in 2013

Clinic results showed that an average of 49 percent of children ages 5-17 with asthma met all three required components in this measure. **Mayo Clinic - Northeast** set the benchmark of 89 percent of children with asthma in compliance for all three components. There were 76 of 270 clinics with rates and confidence intervals fully above the statewide average. The high-performing clinics are below in alphabetical order under their medical group:

#### Advancements in Allergy and Asthma Care, Ltd.

##### All About Children Pediatrics, P.A.

##### Allergy and Asthma Specialists, PA

- Maple Grove
- Minneapolis
- Plymouth

##### Allergy and Asthma Specialty Clinic

##### Allina Medical Clinic

- Cambridge
- Champlin
- Coon Rapids
- Cottage Grove
- Eagan
- Elk River
- Maple Grove
- St. Michael
- Ramsey
- West St. Paul

##### Aspen Medical Group

- Highland

##### CentraCare Health

- Health Plaza-Family Medicine
- Health Plaza-Women & Children Pediatrics

##### Central Pediatrics

- Woodbury

##### Children's Hospitals & Clinics of Minnesota

- Partners in Pediatrics Plymouth
- Partners in Pediatrics Brooklyn Park

##### Children's Respiratory & Critical Care Specialists

- Minneapolis
- Minnetonka
- St. Paul

#### Entira Family Clinics (formerly Family Health Services MN)

- White Bear Lake/Banning Ave

#### Essentia Health - East Region

- Aurora Clinic
- Duluth Clinic 1st St.
- St. Mary's-Superior Clinic
- Virginia Clinic

#### Essentia Health - West

- South Univeristy

#### Fairview Health Services

- Andover
- Children's
- Chisago Lakes
- Eagan
- Elk River
- Farmington
- Fridley
- Lakes Medical Center
- Lakeville
- Lino Lakes
- Maple Grove Medical Center
- Milaca
- North Branch
- Oxboro
- Princeton
- Ridges
- RidgeValley
- Rogers
- Rosemount
- Rush City
- Uptown

#### HealthEast Clinics

- Maplewood

#### HealthPartners Central Minnesota Clinics

#### HealthPartners Clinics

- Anoka
- Elk River
- Lino Lakes
- Roseville
- Specialty Center 401
- West

#### Mankato Clinic

- Wickersham

#### Mayo Clinic

- Bladwin Building, Family Medicine
- Baldwin Building, Pediatrics
- Kasson
- Northeast
- Northwest
- Specialty Practice

#### Mayo Clinic Health System

- Faribault

#### Park Nicollet Health Services

- Carlson
- Eagan

#### Pediatrics and Adolescent Services

- Drs. Rogers and Nygren

#### Pediatric Services

#### Southdale Allergy & Asthma Clinic Southdale Pediatric Associates, Ltd.

- Burnsville
- Eden Prairie
- Edina

#### St. Luke's Clinics

- Allergy & Immunology

#### St. Paul Allergy & Asthma Clinic, P.A.

- Highland

### Biggest improvement from 2012-2013

The greatest improvement since report year 2013 in Optimal Asthma Care for children ages 5-17 (clinic results) was made by **Essentia Health - South University**, whose score increased by more than 61 percentage points.

### Clinic performance over time (2010-2013)

Not applicable.

# Performance Highlights - Clinic Results - Children

## Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are in alphabetical order by region.

### Central - 13 out of 26 (50%)

**Allina Medical Clinic**

- Cambridge
- Elk River
- St. Michael

**CentraCare Health**

- Health Plaza-Family Medicine

**Fairview Health Services**

- Chisago Lakes
- Elk River

- Lakes Medical Center
- Milaca
- North Branch
- Princeton

**HealthPartners Central Minnesota Clinics**

- Elk River

### East Metro - 24 out of 80 (30%)

**Allina Medical Clinic**

- Coon Rapids
- Eagan
- Ramsey
- West St. Paul

**Aspen Medical Group**

- Highland

**Central Pediatrics**

- Woodbury

**Children's Respiratory & Critical Care**

**Specialists**

- St. Paul

**Entira Family Clinics**

**(formerly Family Health Services MN)**

- White Bear Lake/Banning Ave

**Fairview Health Services**

- Andover
- Eagan
- Farmington

- Fridley
- Lakeville
- Lino Lakes
- Ridges
- Rosemount

**HealthPartners Clinics**

- Maplewood
- Anoka
- Lino Lakes
- Roseville
- Specialty Center 401

**Park Nicollet Health Services**

- Eagan

**Southdale Pediatric Associates, Ltd.**

- Burnsville

**St. Paul Allergy & Asthma Clinic, P.A.**

- Highland



### West Metro - 24 out of 87 (28%)

**Advancements in Allergy & Asthma Care, Ltd.**

**All About Children Pediatrics, P.A.**

**Allergy & Asthma Specialists, PA**

- Maple Grove
- Minneapolis Medical Arts Bldg
- Plymouth West Health

**Allina Medical Clinic**

- Champlin
- Maple Grove

**Children's Hospitals & Clinics of Minnesota**

- Partners in Pediatrics Plymouth
- Partners in Pediatrics Brooklyn Park

**Children's Respiratory & Critical Care Specialists**

- Minneapolis

**Fairview Health Services**

- Children's Medical Center
- Maple Grove
- Oxboro
- RidgeValley
- Rogers
- Uptown

**HealthPartners Clinics**

- West
- Park Nicollet Health Services
- Carlson Pediatric &

**Adolescent Services**

- Drs. Roger and Nygren Pediatric Services
- Southdale Allergy & Asthma Clinic
- Southdale Pediatric Associates, Ltd.
- Edina
- Eden Prairie

# Performance Highlights - Clinic Results - Children

## Highest Performers in 2013 by Region - *continued*

### Northeast - 4 out of 14 (29%)

**Essentia Health - East Region**

- Aurora
- Duluth Clinic 1st St Virginia

**St. Luke's Clinics**

- Allergy & Immunology

### Southeast - 8 out of 21 (38%)

**Mankato Clinic, Ltd.**

- Wickersham Campus

**Mayo Clinic**

- Baldwin Building, Family Medicine
- Baldwin Building, Pediatrics
- Kasson

- Northeast

- Northwest

- Specialty Practice

**Mayo Clinic Health System**

- Faribault Hwy 60

### Southwest - 1 out of 18 (6%)

**Allergy & Asthma Specialty Clinic**

### North Dakota - 1 out of 11 (9%)

**Essentia Health - West**

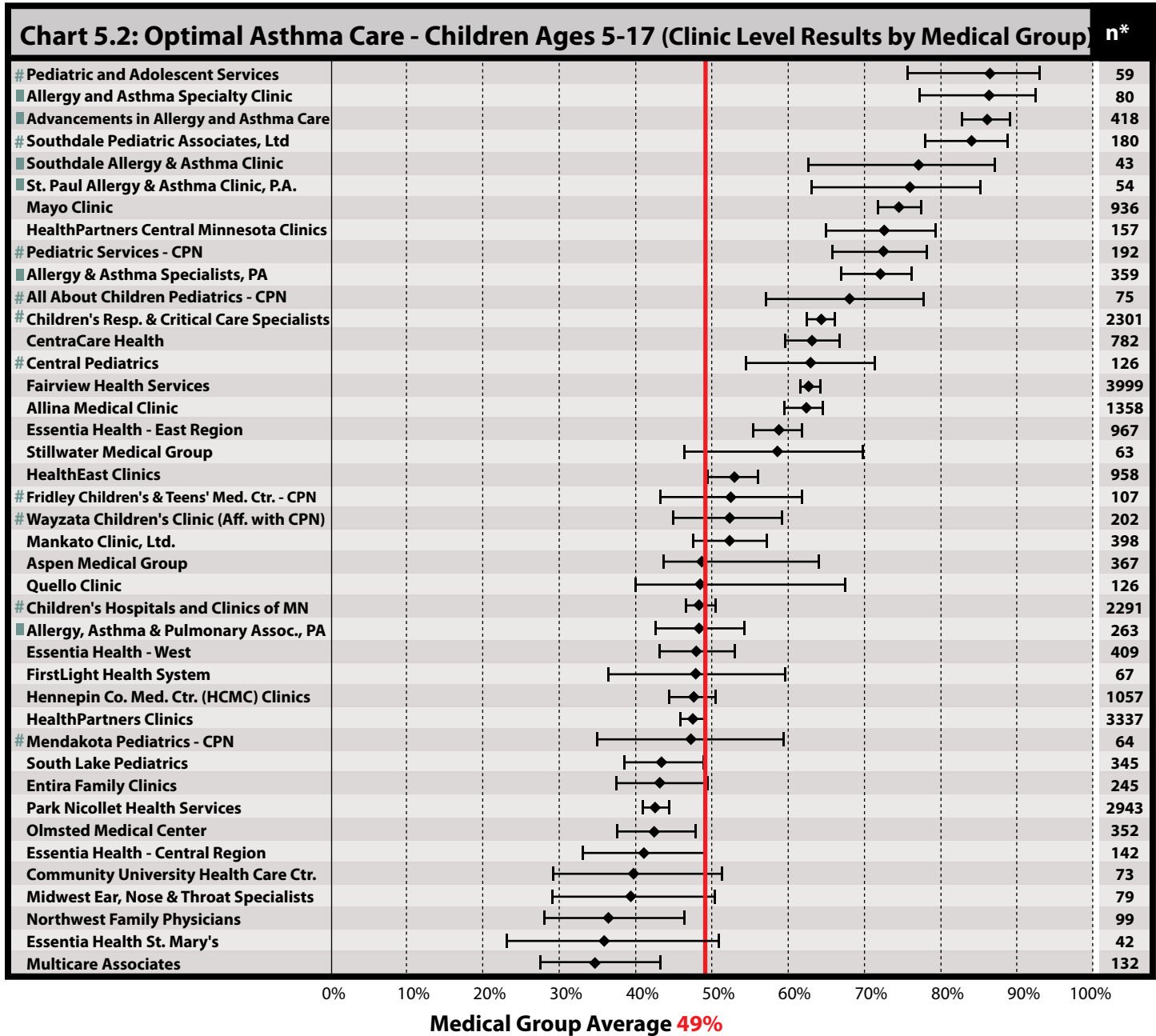
- South University

### Wisconsin - 1 out of 4 (25%)

**Essentia Health - East Region**

- St. Mary's - Superior

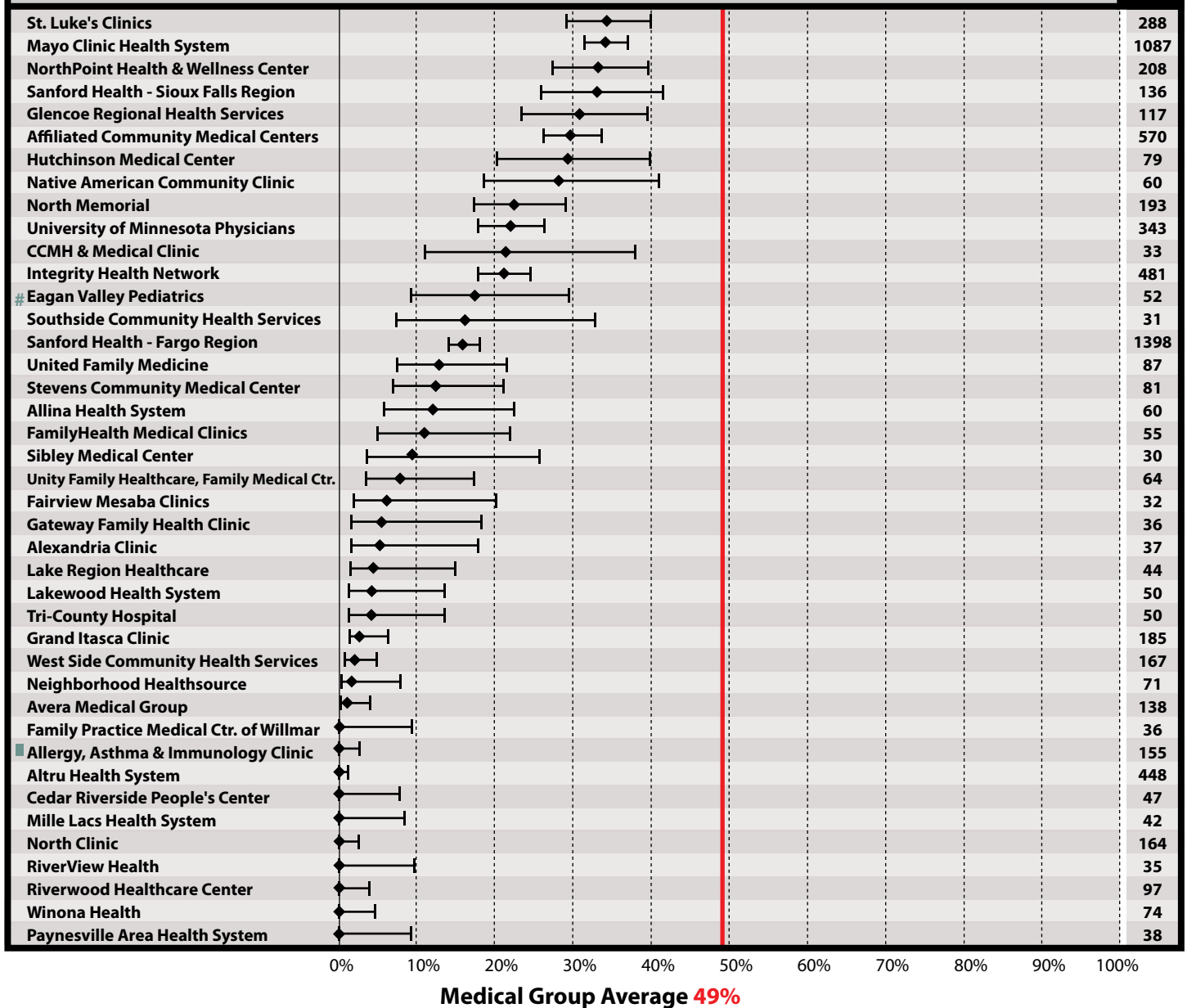




CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 CRCCS - Children's Respiratory & Critical Care Specialists  
 CUHCC - Community-University Health Care Center  
 HFA - Hennepin Faculty Associates  
 SMDCHS - St. Mary's Duluth Clinic Health System

■ Allergy/Immunology # Pediatric |—| Lower Confidence Level/Upper Confidence Level n\* = sample size

**Chart 5.2: Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results by Medical Group) n\***



CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 CRCCS - Children's Respiratory & Critical Care Specialists  
 CUHCC - Community-University Health Care Center  
 HFA - Hennepin Faculty Associates  
 SMDCHS - St. Mary's Duluth Clinic Health System

■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

## Performance Highlights - Medical Group Results - Children

### Highest performers in 2013

Medical Group results showed that an average of 49 percent of children ages 5-17 with asthma met all three required components in this measure. **Pediatric and Adolescent Services** set the benchmark of 86 percent of children with asthma in compliance for all three components. There were 18 of 82 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

- Pediatric and Adolescent Services
- Allergy and Asthma Specialty Clinic
- Advancements in Allergy and Asthma Care
- Southdale Pediatric Associates, Ltd
- Southdale Allergy & Asthma Clinic
- St. Paul Allergy & Asthma Clinic, P.A.
- Mayo Clinic
- HealthPartners Central Minnesota Clinics
- Pediatric Services - Children's Physician Network
- Allergy & Asthma Specialists, PA
- All About Children Pediatrics - Children's Physician Network
- Children's Respiratory & Critical Care Specialists
- CentraCare Health
- Central Pediatrics
- Fairview Health Services
- Allina Medical Clinic
- Essentia Health - East Region
- HealthEast Clinics

### Biggest improvement from 2012-2013

The greatest improvement since report year 2013 in Optimal Asthma Care for children ages 5-17 (medical group results) was made by **Mankato Clinic, Ltd.** which had a 49 percentage point increase.

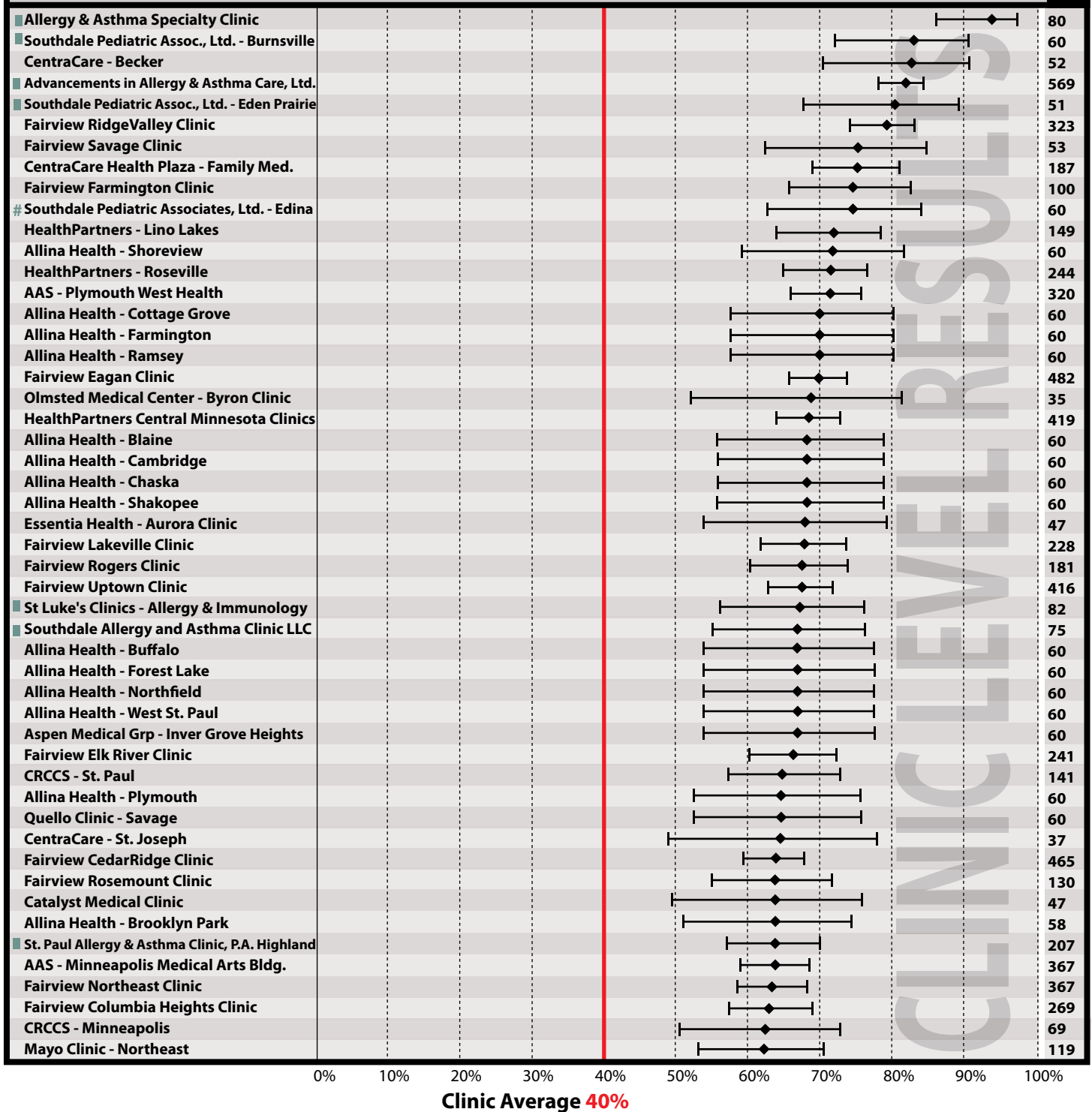
### Medical group performance over time (2010-2013)

Not applicable.



**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*

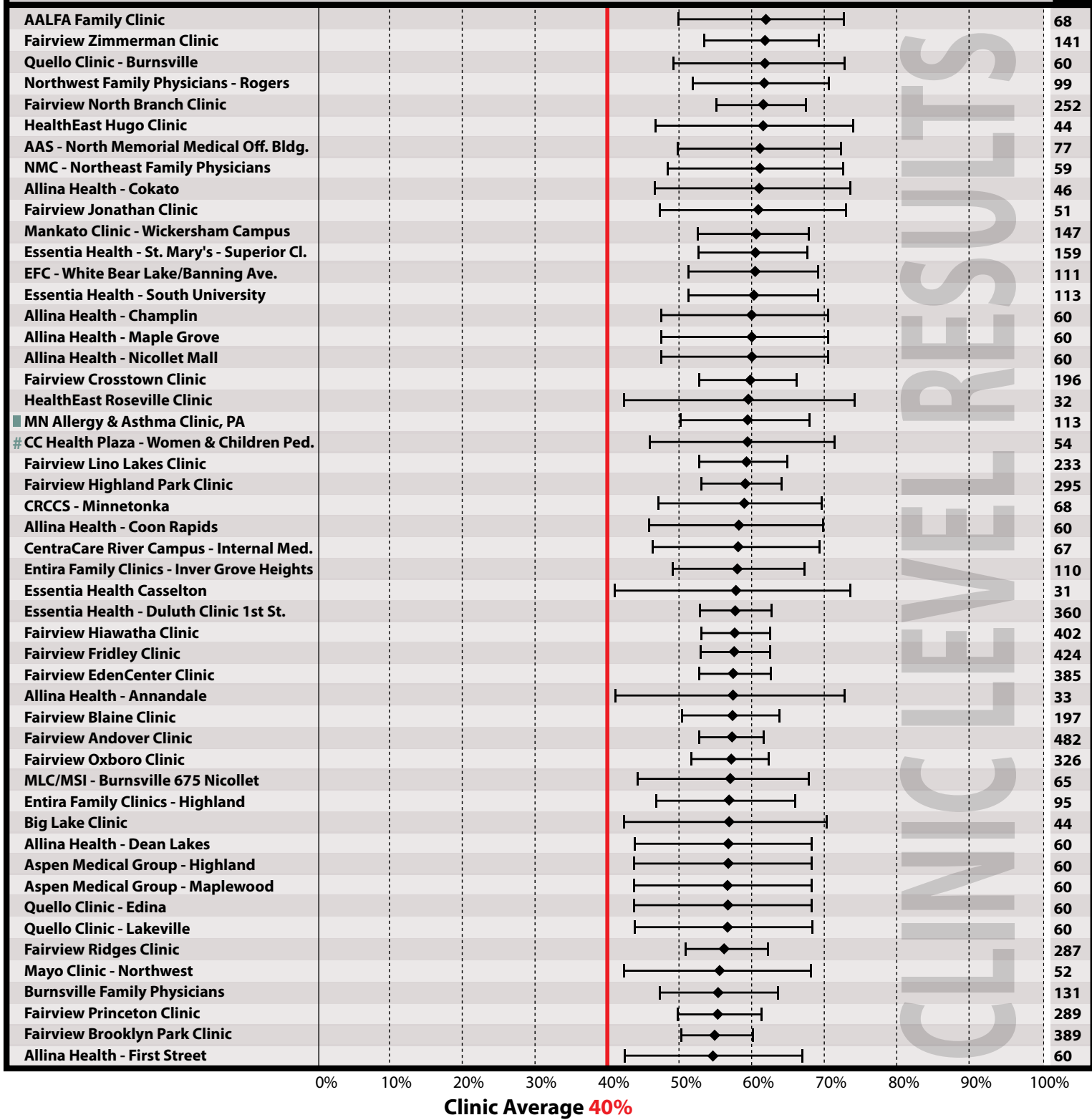


■ Allergy/Immunology #Pediatric — Lower Confidence Level/Upper Confidence Level n\* = sample size

<b>AAS</b> - Allergy & Asthma Specialists, PA	<b>CPN</b> - Children's Physician Network	<b>MLC MSI</b> - Minnesota Lung Center/Minnesota Sleep Institute
<b>ACMC</b> - Affiliated Community Medical Centers	<b>CCMH</b> - Chippewa County Montevideo Hospital	<b>NMC</b> - North Memorial Clinic
<b>AHS</b> - Allina Health System	<b>CRCC</b> - Children's Respiratory & Critical Care Specialists	<b>PNC</b> - Park Nicollet Clinic
<b>AMC</b> - Allina Medical Clinic	<b>EFC</b> - Entira Family Clinics	<b>RRHS</b> - Range Regional Health Services
<b>ANGMA</b> - Abbot Northwestern General Medicine Associates	<b>HCMC</b> - Hennepin County Medical Center	<b>UMP</b> - University of Minnesota Physicians
<b>CC</b> - CentraCare	<b>MAAC</b> - Minnesota Allergy and Asthma Consultants	<b>WSCHS</b> - West Side Community Health Services
	<b>MCHS</b> - Mayo Health System	<b>WWMA</b> - Western Wisconsin Medical Associates

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*



CLINIC LEVEL RESULTS

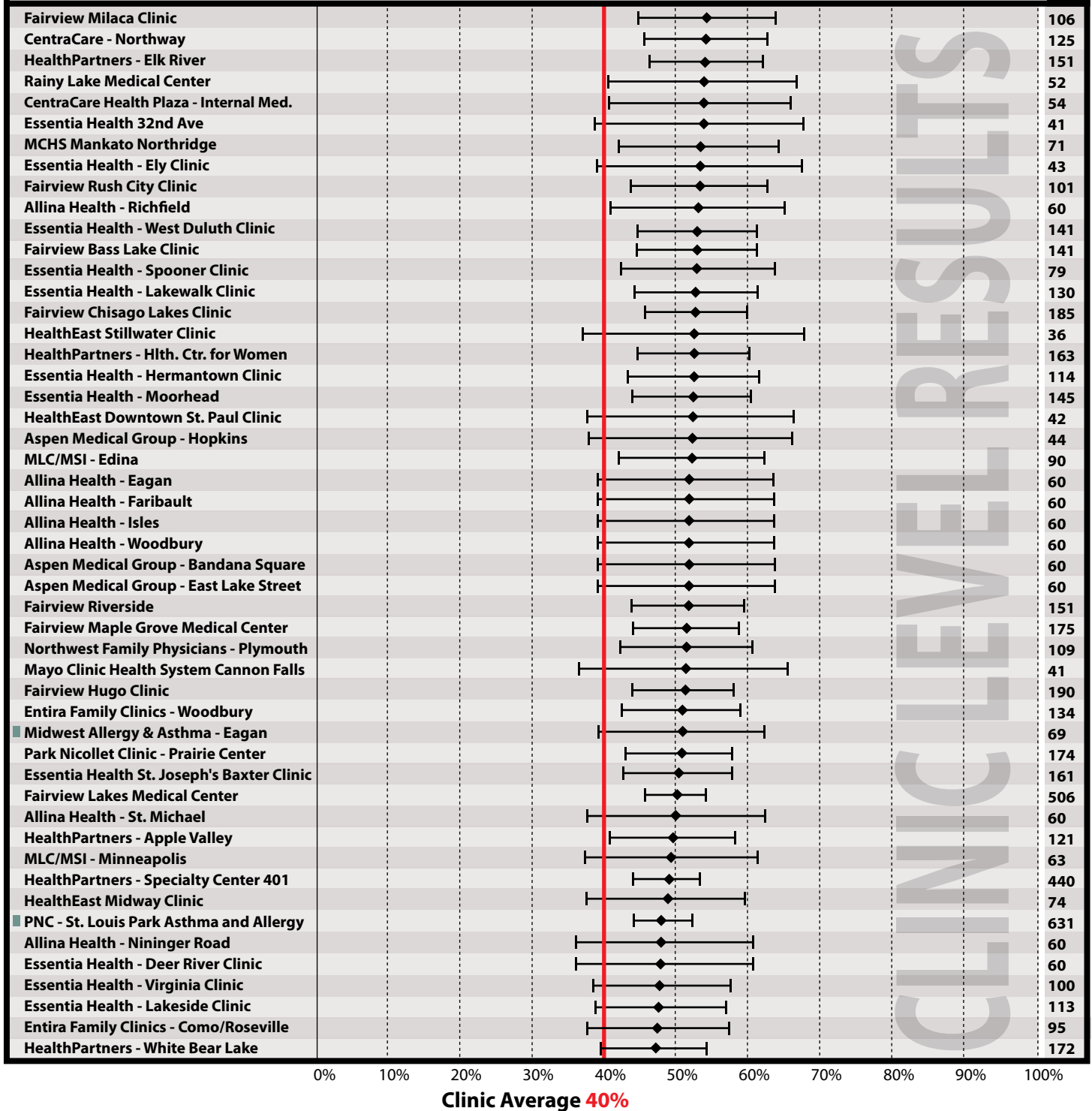
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CPN - Children's Physician Network  
 CCMH - Chippewa County Montevideo Hospital  
 CRCC - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics

MLC MSI - Minnesota Lung Center/Minnesota Sleep Institute  
 NMC - North Memorial Clinic  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

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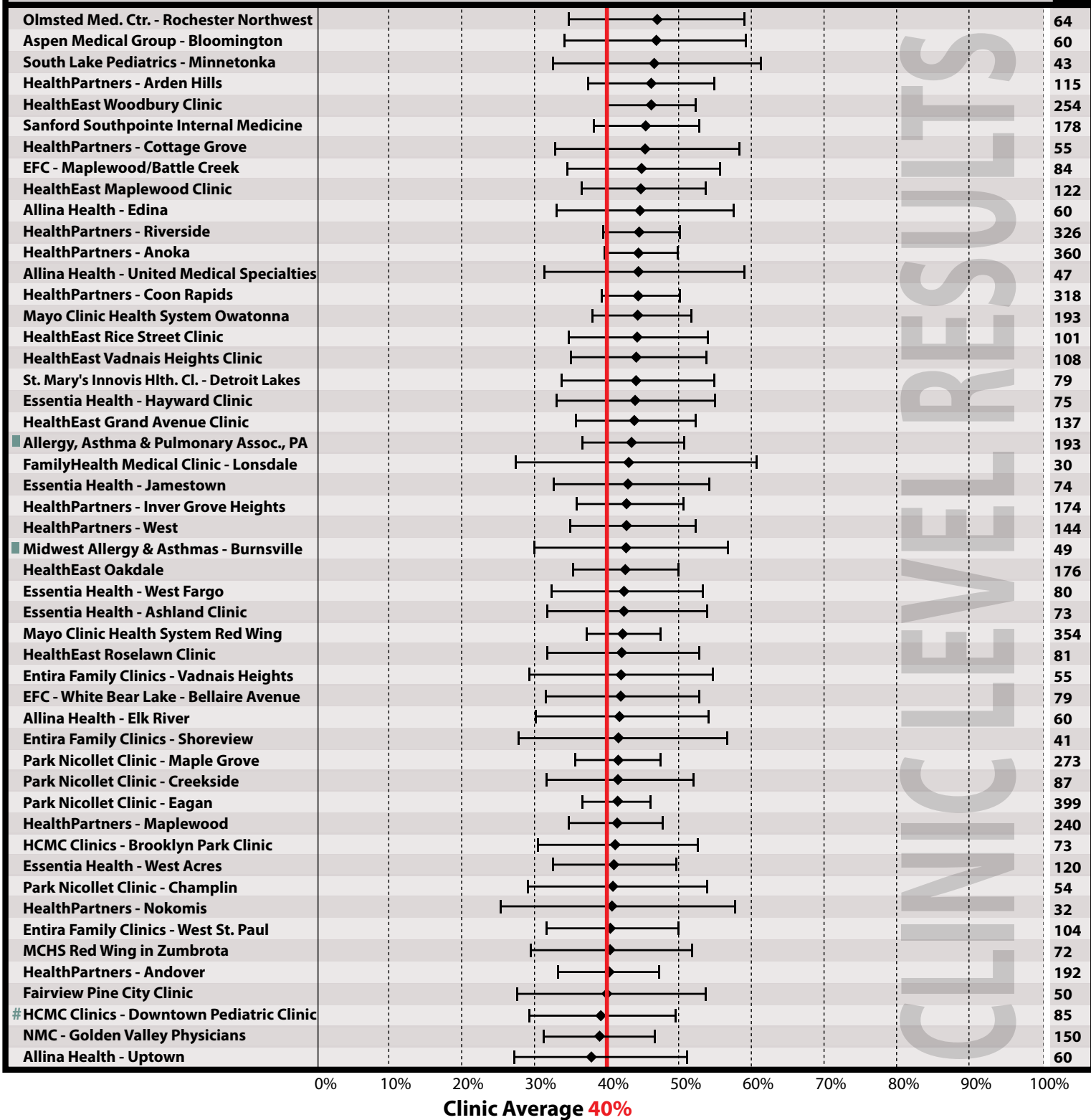


■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

- AAS - Allergy & Asthma Specialists, PA
- ACMC - Affiliated Community Medical Centers
- AHS - Allina Health System
- AMC - Allina Medical Clinic
- ANGMA - Abbot Northwestern General Medicine Associates
- CC - CentraCare
- CPN - Children's Physician Network
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- MCHS - Mayo Health System
- MLC MSI - Minnesota Lung Center/Minnesota Sleep Institute
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- RRHS - Range Regional Health Services
- UMP - University of Minnesota Physicians
- WSCHS - West Side Community Health Services
- WWMA - Western Wisconsin Medical Associates

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*



■ Allergy/Immunology #Pediatric |—| Lower Confidence Level/Upper Confidence Level n\* = sample size

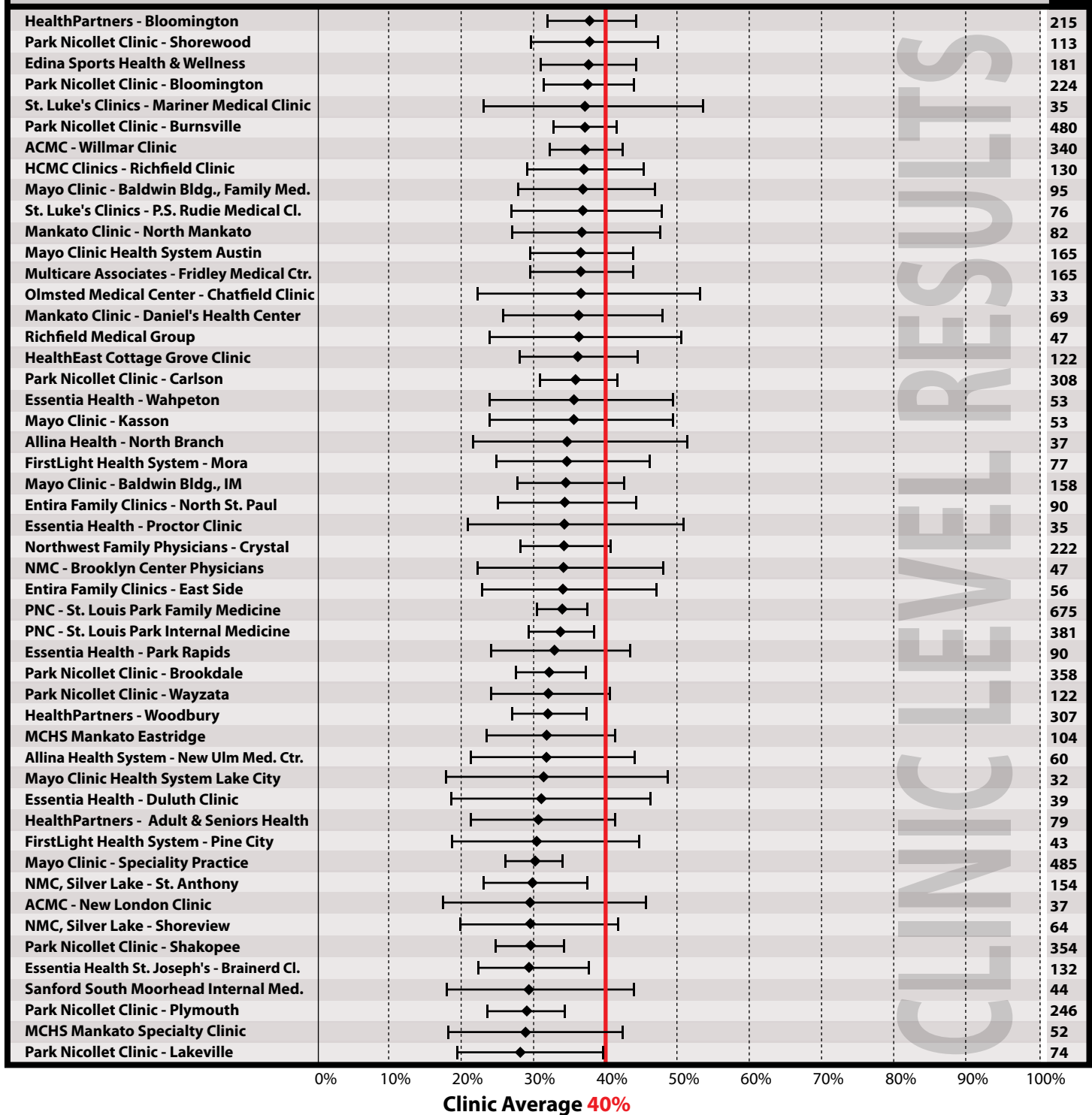
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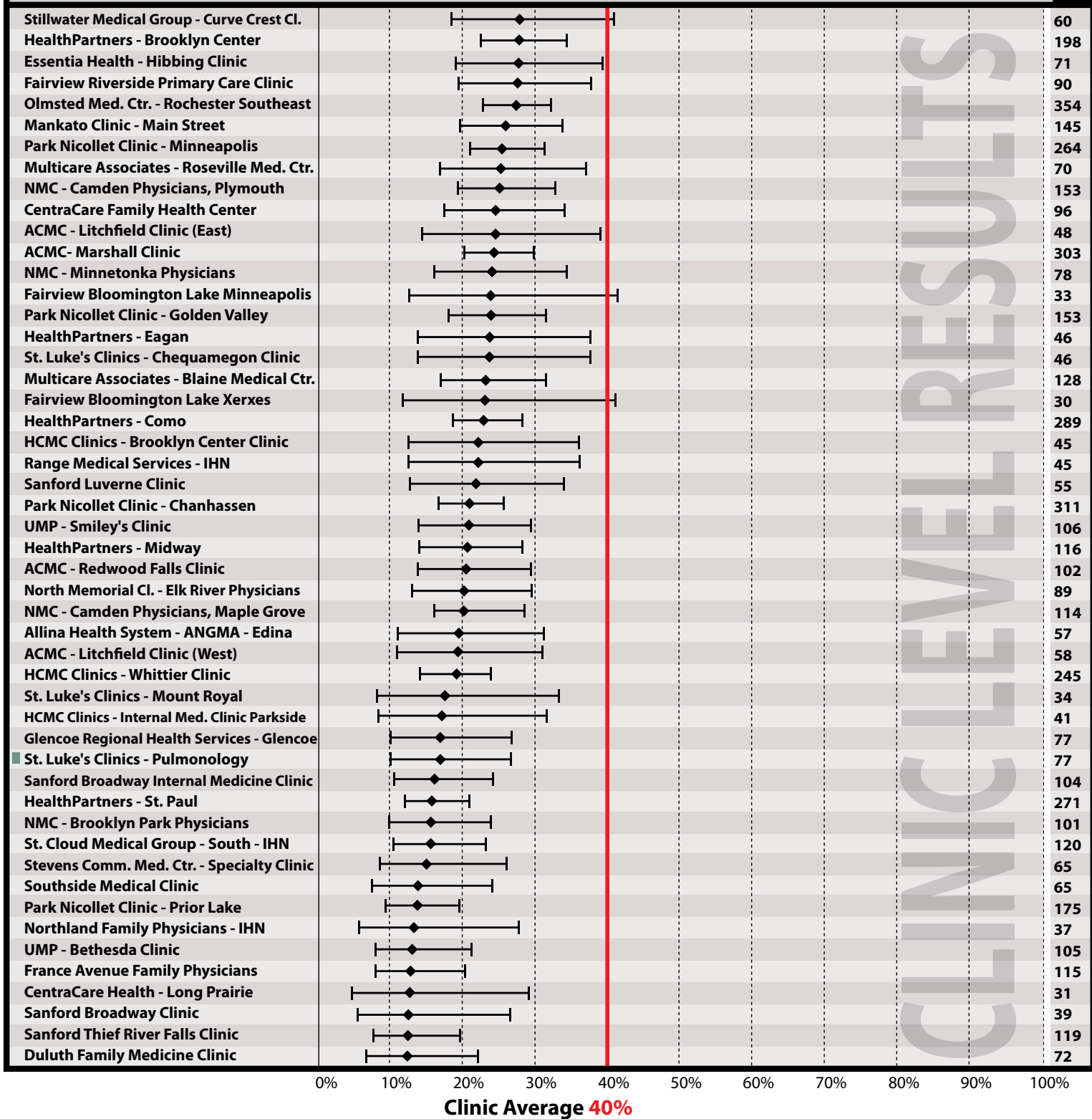


■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

- |  |   |   |
|--|---|---|
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|--|---|---|

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*



■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

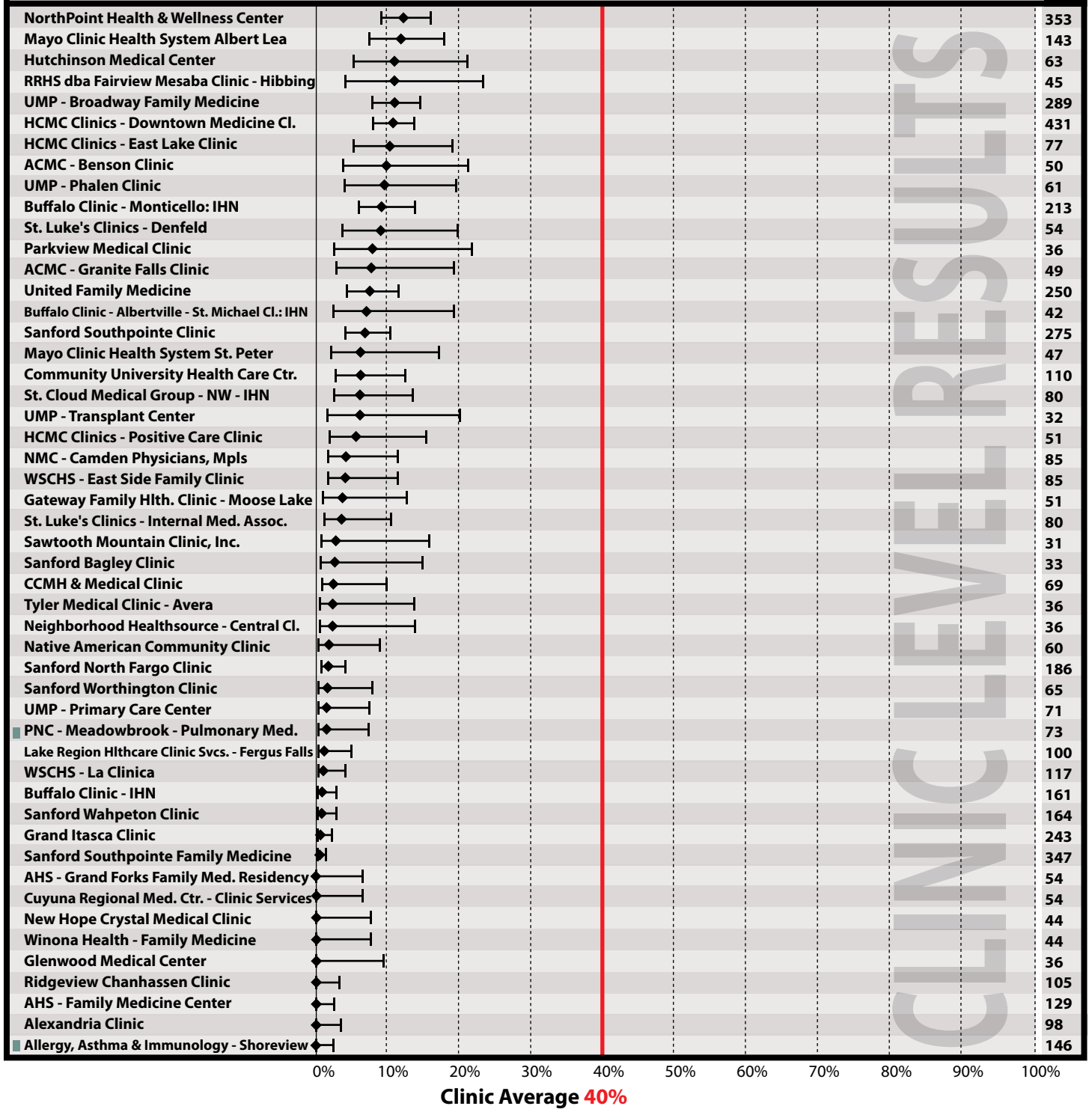
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**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*

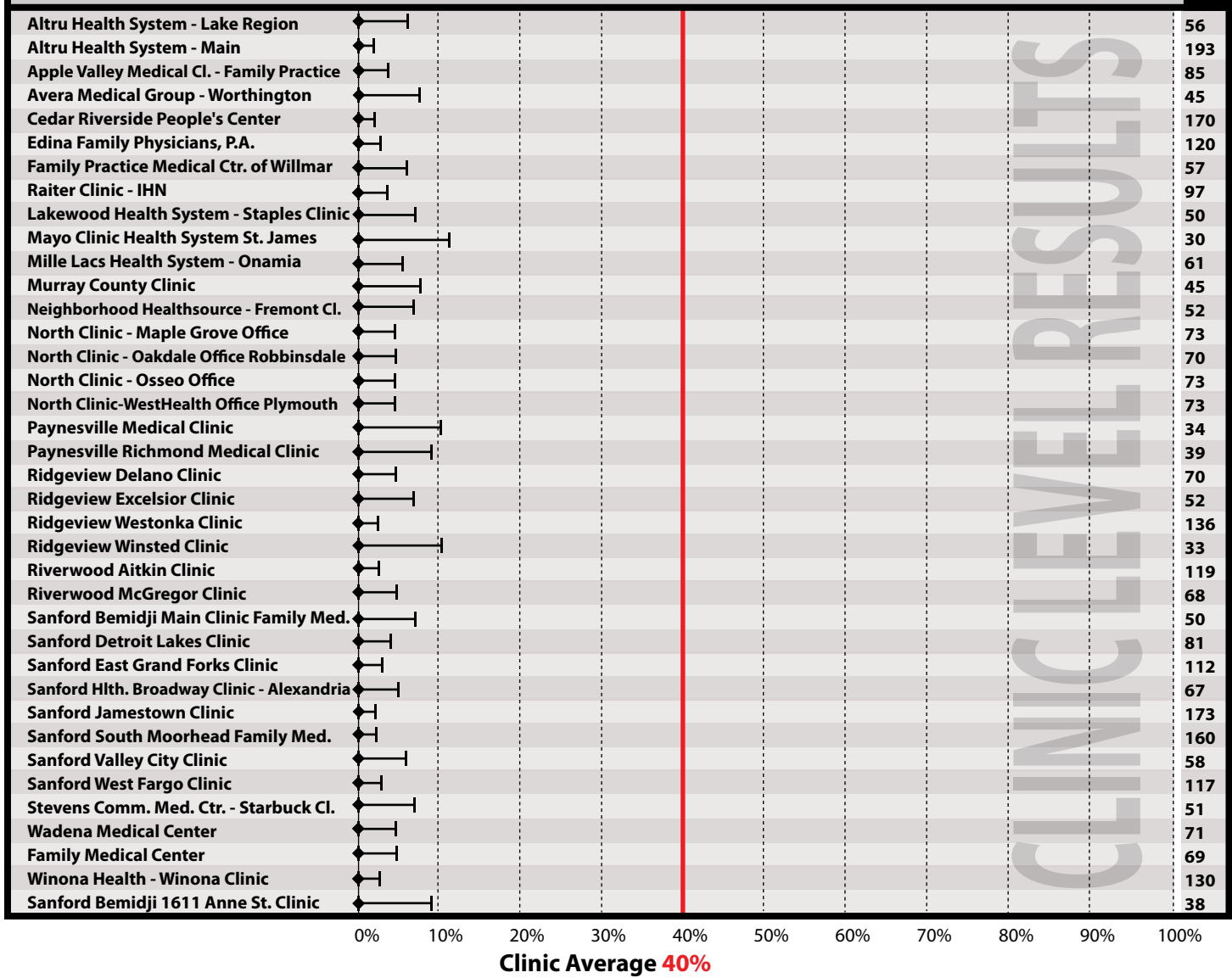


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- |   |  |  |
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| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>CCMH</b> - Chippewa County Montevideo Hospital                | <b>NMC</b> - North Memorial Clinic                               |
| <b>AHS</b> - Allina Health System                             | <b>CRCC</b> - Children's Respiratory & Critical Care Specialists | <b>PNC</b> - Park Nicollet Clinic                                |
| <b>AMC</b> - Allina Medical Clinic                            | <b>EFC</b> - Entira Family Clinics                               | <b>RRHS</b> - Range Regional Health Services                     |
| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>HCMC</b> - Hennepin County Medical Center                     | <b>UMP</b> - University of Minnesota Physicians                  |
| <b>CC</b> - CentraCare  | <b>MAAC</b> - Minnesota Allergy and Asthma Consultants           | <b>WSCHS</b> - West Side Community Health Services               |
|   | <b>MCHS</b> - Mayo Health System                                 | <b>WWMA</b> - Western Wisconsin Medical Associates               |

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Level Results)**

n\*



■ Allergy/Immunology #Pediatric — Lower Confidence Level/Upper Confidence Level n\* = sample size

- |   |  |  |
|---|--|--|
| <b>AAS</b> - Allergy & Asthma Specialists, PA                 | <b>CPN</b> - Children's Physician Network                        | <b>MLC MSI</b> - Minnesota Lung Center/Minnesota Sleep Institute |
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>CCMH</b> - Chippewa County Montevideo Hospital                | <b>NMC</b> - North Memorial Clinic                               |
| <b>AHS</b> - Allina Health System                             | <b>CRCC</b> - Children's Respiratory & Critical Care Specialists | <b>PNC</b> - Park Nicollet Clinic                                |
| <b>AMC</b> - Allina Medical Clinic                            | <b>EFC</b> - Entira Family Clinics                               | <b>RRHS</b> - Range Regional Health Services                     |
| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>HCMC</b> - Hennepin County Medical Center                     | <b>UMP</b> - University of Minnesota Physicians                  |
| <b>CC</b> - CentraCare  | <b>MAAC</b> - Minnesota Allergy and Asthma Consultants           | <b>WSCHS</b> - West Side Community Health Services               |
|   | <b>MCHS</b> - Mayo Health System                                 | <b>WWMA</b> - Western Wisconsin Medical Associates               |



## Performance Highlights - Clinic Results - Adults

### Highest performers in 2013

Clinic results showed that an average of 40 percent of adults ages 18-50 with asthma met all three required components in this measure. **Allergy & Asthma Specialty Clinic** set the benchmark of 94 percent of adults with asthma in compliance for all three components. There were 128 of 388 clinics with rates and confidence intervals fully about the statewide average. The high-performing clinics are listed below in alphabetical order under their medical group:

#### **AALFA Family Clinic**

#### **Advancements in Allergy and Asthma Care, Ltd.**

#### **Allergy and Asthma Specialists, PA**

- Maple Grove
- Minneapolis
- Plymouth

#### **Allergy and Asthma Specialty Clinic**

#### **Allina Medical Clinic**

- Annandale
- Blaine
- Brooklyn Park
- Buffalo
- Cambridge Medical Center
- Champlin
- Cokato
- Coon Rapids
- Cottage Grove
- Chaska
- Dean Lakes
- Farmington
- First Street
- Forest Lake
- Maple Grove
- Nicollet Mall
- Northfield
- Plymouth
- Ramsey
- Richfield
- Shakopee
- Shoreview
- West St. Paul

#### **Aspen Medical Group**

- Highland
- Inver Grove Heights
- Maplewood

#### **Big Lake Clinic**

#### **Catalyst Medical Clinic**

#### **CentraCare Health**

- Becker

- Health Plaza-Family Medicine
- Health Plaza- Internal Medicine
- Health Plaza-Women & Children Pediatrics
- Northway
- River Campus- Internal Medicine
- St. Joseph

#### **Children's Respiratory & Critical Care Specialists**

- Minneapolis
- Minnetonka
- St. Paul

#### **Entira Family Clinics**

- Highland
- Inver Grove Heights
- White Bear Lake/Banning Avenue
- Woodbury

#### **Essentia Health - Central Region**

- St. Joseph's Baxter Clinic

#### **Essentia Health - East Region**

- Aurora
- Duluth Clinic 1st St.
- Hermantown
- Lakewalk
- Rainy Lake Medical Center
- Spooner
- St. Mary's Superior
- West Duluth

#### **Essentia Health - West**

- Casselton
- Moorhead
- South University

#### **Fairview Health Services**

- Andover
- Bass Lake
- Blaine
- Brooklyn Park
- CedarRidge
- Chisago Lakes
- Columbia Heights

- Crosstown
- Eagan
- EdenCenter
- Elk River
- Farmington
- Fridley
- Hiawatha
- Highland Park
- Hugo
- Jonathon
- Lakes Medical Center
- Lakeville
- Lino Lakes
- Maple Grove Medical Center
- Milaca
- North Branch
- Northeast
- Oxboro
- Princeton
- Ridges
- RidgeValley
- Riverside
- Rogers
- Rosemount
- Rush City
- Savage
- Uptown
- Zimmerman

#### **HealthEast Clinics**

- Hugo
- Roseville

#### **HealthPartners Central MN Clinics**

#### **HealthPartners Clinics**

- Apple Valley
- Elk River
- Hlth Ctr for Women
- Lino Lakes
- Roseville
- Specialty Center 401
- West

#### **Mankato Clinic**

- Wickersham

#### **Mayo Clinic Health System**

- Mankato Northridge

#### **MN Allergy & Asthma Clinic, PA Minnesota Lung Center/Minnesota Sleep Institute**

- Burnsville 675 Nicollet
- Edina

#### **Northwest Family Physicians**

- Plymouth
- Rogers

#### **Olmsted Medical Center**

- Byron

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

- Prairie Center
- St. Louis Park Asthma & Allergy

#### **Quello Clinic**

- Burnsville
- Edina
- Lakeville
- Savage

#### **Southdale Allergy & Asthma Clinic Southdale Pediatric Associates, Ltd.**

- Burnsville
- Eden Prairie
- Edina

#### **St. Luke's Clinics**

- Allergy & Immunology

#### **St. Paul Allergy & Asthma Care, P.A.**

- Highland

### Biggest improvement from 2012-2013

The greatest improvement since report year 2013 in Optimal Asthma Care for adults ages 18-50 (clinic results) was made by **St. Luke's Clinics-Allergy & Immunology** whose score increased by more than a 60 percentage points.

### Clinic performance over time (2010-2013)

Not applicable.

# Performance Highlights - Clinic Results - Adults

## Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

### Central - 23 out of 52 (44%)

**Allina Medical Clinic**

- Annandale
- Buffalo
- Cambridge
- Cokato

**Big Lake Clinic**

**CentraCare Health**

- Becker
- St. Joseph
- Health Plaza-Family Medicine
- Health Plaza- Internal Medicine

- Health Plaza-Women & Children Pediatrics
- Northway
- River Campus- Internal Medicine

**Essentia Health - Central Region**

- St. Joseph's Baxter Clinic

**Fairview Health Services**

- Chisago Lakes
- Elk River
- Lakes Medical Center
- Milaca
- North Branch
- Princeton
- Rush City
- Zimmerman

**HealthPartners Central MN Clinics**

**HealthPartners Clinics**

- Elk River



### East Metro - 44 out of 89 (49%)

**AALFA Family Clinic**

- Blaine
- Coon Rapids
- Cottage Grove

**Allina Medical Clinic**

- Farmington
- First Street
- Forest Lake
- Ramsey
- Shoreview
- West St. Paul

**Aspen Medical Group**

- Highland Heights
- Inver Grove Heights
- Maplewood

**Burnsville Family Physicians**

- Children's Respiratory & Critical Care Specialists
- St. Paul

**Entira Family Clinics**

- Highland
- Inver Grove
- Heights
- White Bear Lake/Banning Avenue

**Fairview Health Services**

- Woodbury

- Andover
- Blaine
- CedarRidge
- Columbia Heights
- Eagan
- Farmington
- Fridley
- Highland Park

- Hugo
- Lakeville
- Lino Lakes
- Ridges
- Rosemount

**HealthEast Clinics**

- Hugo
- Roseville

### West Metro - 42 out of 117 (36%)

**Advancements in Allergy & Asthma Care**

**Allergy & Asthma Specialists, PA**

- Maple Grove
- Minneapolis
- Plymouth

**Allina Medical Clinic**

- Brooklyn Park
- Champlin
- Chaska
- Dean Lakes
- Maple Grove
- Nicollet Mall
- Plymouth
- Richfield
- Shakopee

**Catalyst Medical**

**Clinic Children's Respiratory & Critical Care Specialists**

- Minneapolis
- Minnetonka

**Fairview Health Services**

- Bass Lake
- Brooklyn Park
- Crosstown
- EdenCenter
- Hiawatha
- Jonathan
- Maple Grove Medical Center
- Northeast
- Oxboro

- RidgeValley
- Riverside
- Rogers
- Savage
- Uptown

**Minnesota Lung Center/Minnesota Sleep Institute**

- Burnsville 675 Nicollet
- Edina

**North Memorial Physicians**

**Northwest Family Physicians**

- Plymouth
- Rogers

**Park Nicollet Health**

**Services**

- Prairie Center
- St. Louis Park
- Asthma and Allergy Quello Clinic
- Edina
- Savage
- Southdale Allergy & Asthma Clinic
- Southdale Pediatric Associates, Ltd.
- Eden Prairie
- Edina

# Performance Highlights - Clinic Results - Adults

## Highest Performers in 2013 by Region - *continued*

### Northeast - 7 out of 29 (24%)

**Essentia Health - East Region**

- Aurora
- Duluth Clinic 1st St
- Hermantown
- Lakewalk

- Rainy Lake Medical Center
- West Duluth
- St. Luke's Clinics**
- Allergy & Immunology

### Southeast - 6 out of 32 (19%)

**Allina Medical Clinic**

- Northfield

**Mankato Clinic, Ltd.**

- Wickersham Campus

**Mayo Clinic**

- Northeast
- Northwest

**Mayo Clinic Health System**

- Mankato Northbridge
- Olmsted Medical Center**
- Byron

### Southwest - 1 out of 24 (4%)

**Allergy & Asthma Specialty Clinic**

### Wisconsin - 2 out of 3 (67%)

**Essentia Health - East Region**

- St. Mary's-Superior Clinic
- Spooner

### North Dakota - 2 out of 7 (29%)

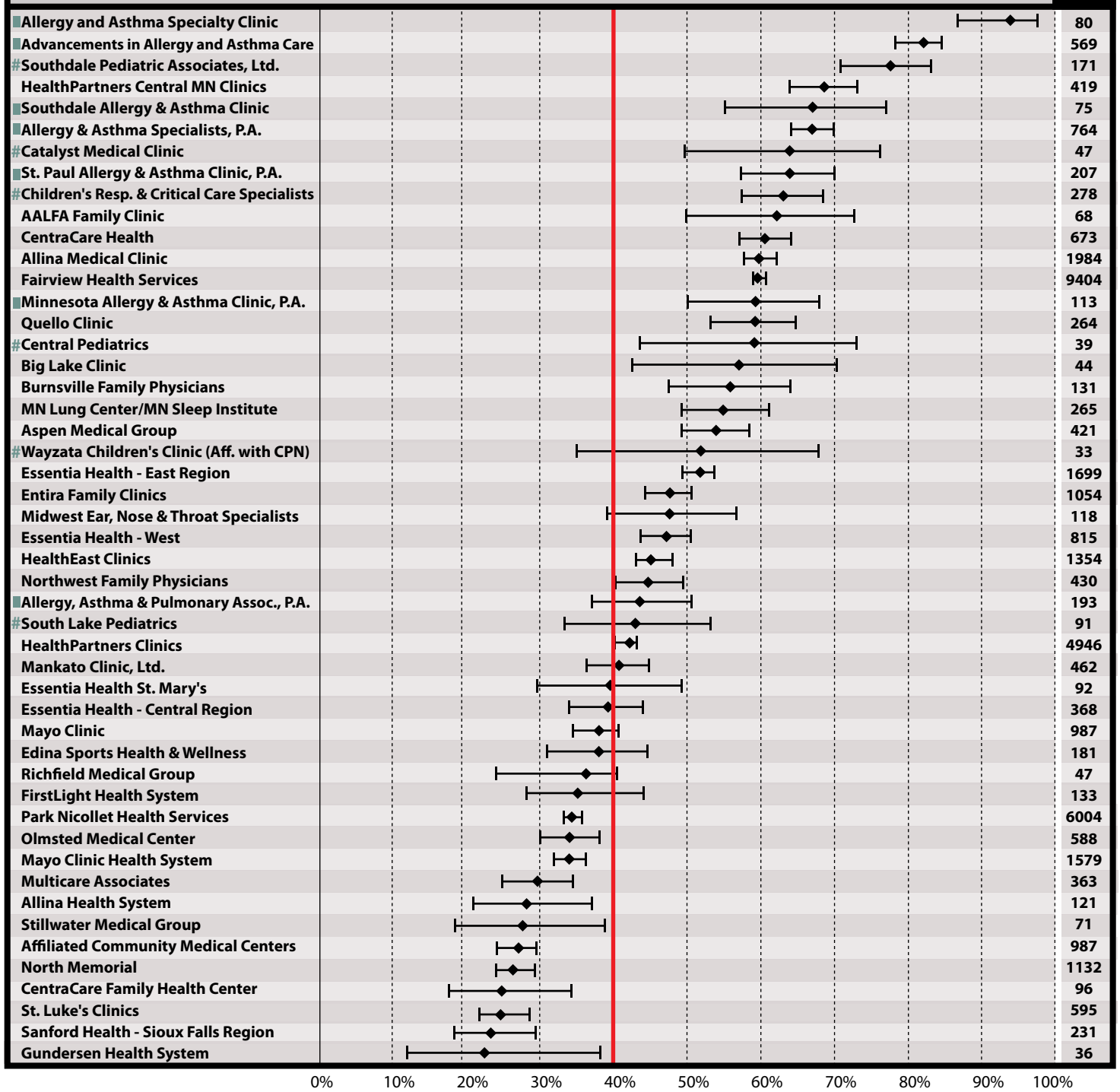
**Essentia Health - West**

- Casselton
- South University



**Chart 5.4: Optimal Asthma Care-Adults Ages 18-50 (Clinic Level Results by Medical Group)**

n\*



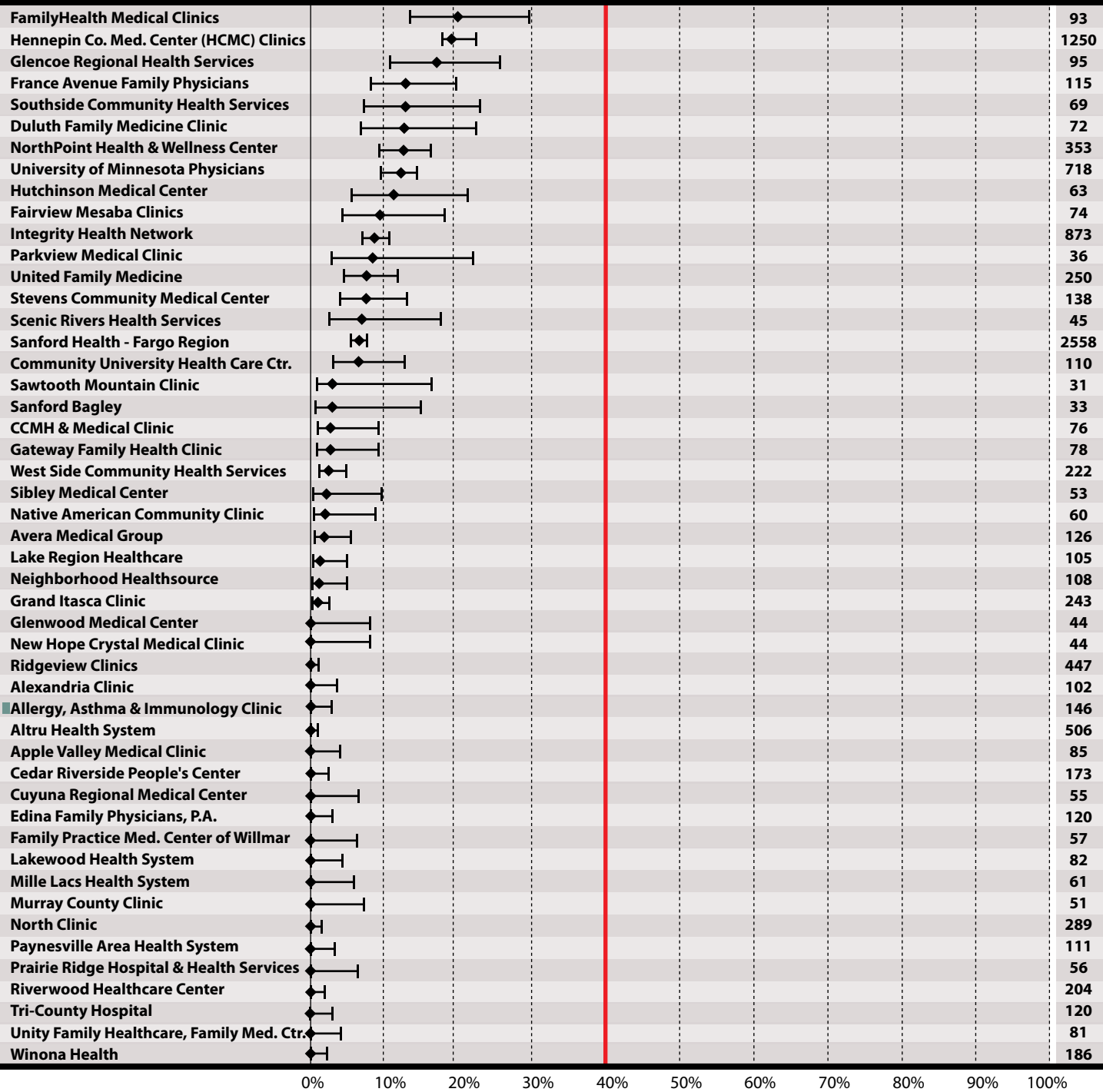
Medical Group Average **40%**

CCMH - Chippewa County Montevideo Hospital  
 HFA - Hennepin Faculty Associates  
 SMDCHS - St. Mary's Duluth Clinic Health System

■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

**Chart 5.4: Optimal Asthma Care-Adults Ages 18-50 (Clinic Level Results by Medical Group)**

n\*



Medical Group Average **40%**

■ Allergy/Immunology #Pediatric | Lower Confidence Level/Upper Confidence Level n\* = sample size

CCMH - Chippewa County Montevideo Hospital  
 HFA - Hennepin Faculty Associates  
 SMDCHS - St. Mary's Duluth Clinic Health System

## Performance Highlights - Medical Group Results - Adults

### Highest performers in 2013

Medical Group results showed that an average of 40 percent of adults ages 18-50 with asthma met all three required components in this measure. **Allergy and Asthma Specialty Clinic** set the benchmark of 94 percent of adults with asthma in compliance for all three components. There were 26 of 98 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

- Allergy and Asthma Specialty Clinic
- Advancements in Allergy and Asthma Care
- Southdale Pediatric Associates, Ltd
- HealthPartners Central Minnesota Clinics
- Southdale Allergy & Asthma Clinic
- Allergy & Asthma Specialists, PA
- Catalyst Medical Clinic
- St. Paul Allergy & Asthma Clinic, P.A.
- Children's Respiratory & Critical Care Specialists
- AALFA Family Clinic
- CentraCare Health
- Allina Medical Clinic
- Fairview Health Services
- Minnesota Allergy & Asthma Clinic, PA
- Quello Clinic
- Central Pediatrics
- Big Lake Clinic
- Burnsville Family Physicians
- Minnesota Lung Center/Minnesota Sleep Institute
- Aspen Medical Group
- Essentia Health - East Region
- Entira Family Clinics (formerly Family Health Services MN)
- Essentia Health - West
- HealthEast Clinics
- Northwest Family Physicians
- HealthPartners Clinics

### Biggest improvement from 2012-2013

The greatest improvement since report year 2013 in Optimal Asthma Care for adults ages 18-50 (medical group results) was made by **Central Pediatrics**, whose score increased by 59 percentage points.

### Medical group performance over time (2010-2013)

Not applicable.

Please See Next Page

# 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 (Results at Medical Group Level)

July 1, 2011 - June 30, 2012 dates of service

This measures the percentage of patients 40 years of age and older with a new diagnosis or newly active chronic obstructive pulmonary disease (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 38 percent. Table 6 displays the details of the 2013 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 (the bold line).

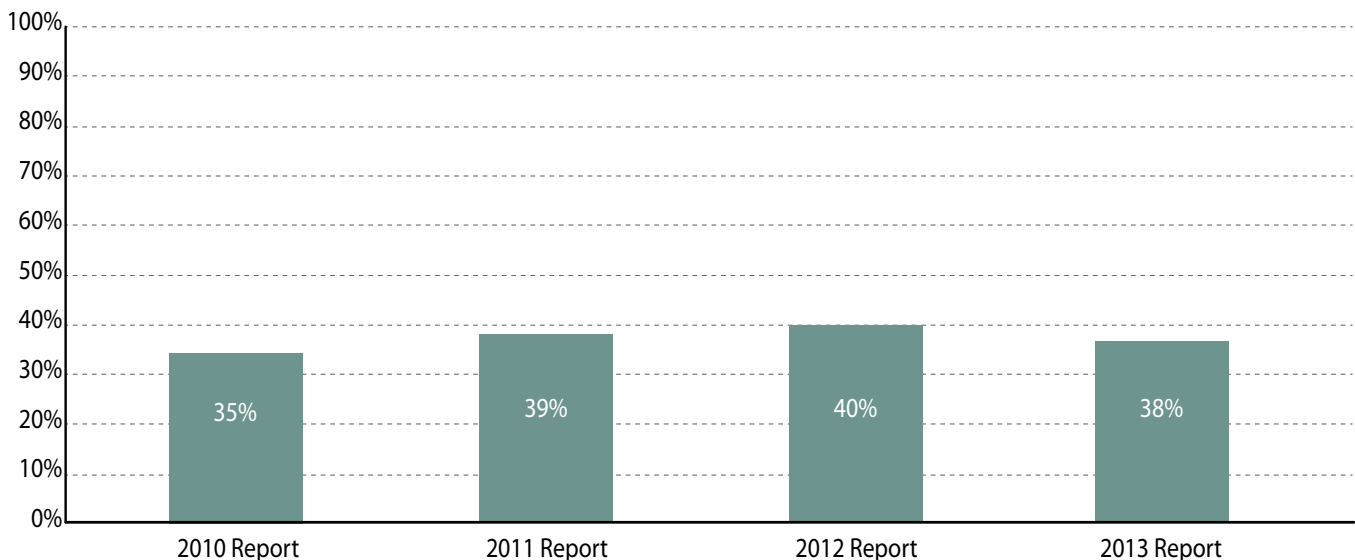
Data collected for this measure are from health plan claims.

**Table 6: Statewide 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	37.8%	36.8%-38.9%	3,139	8,298

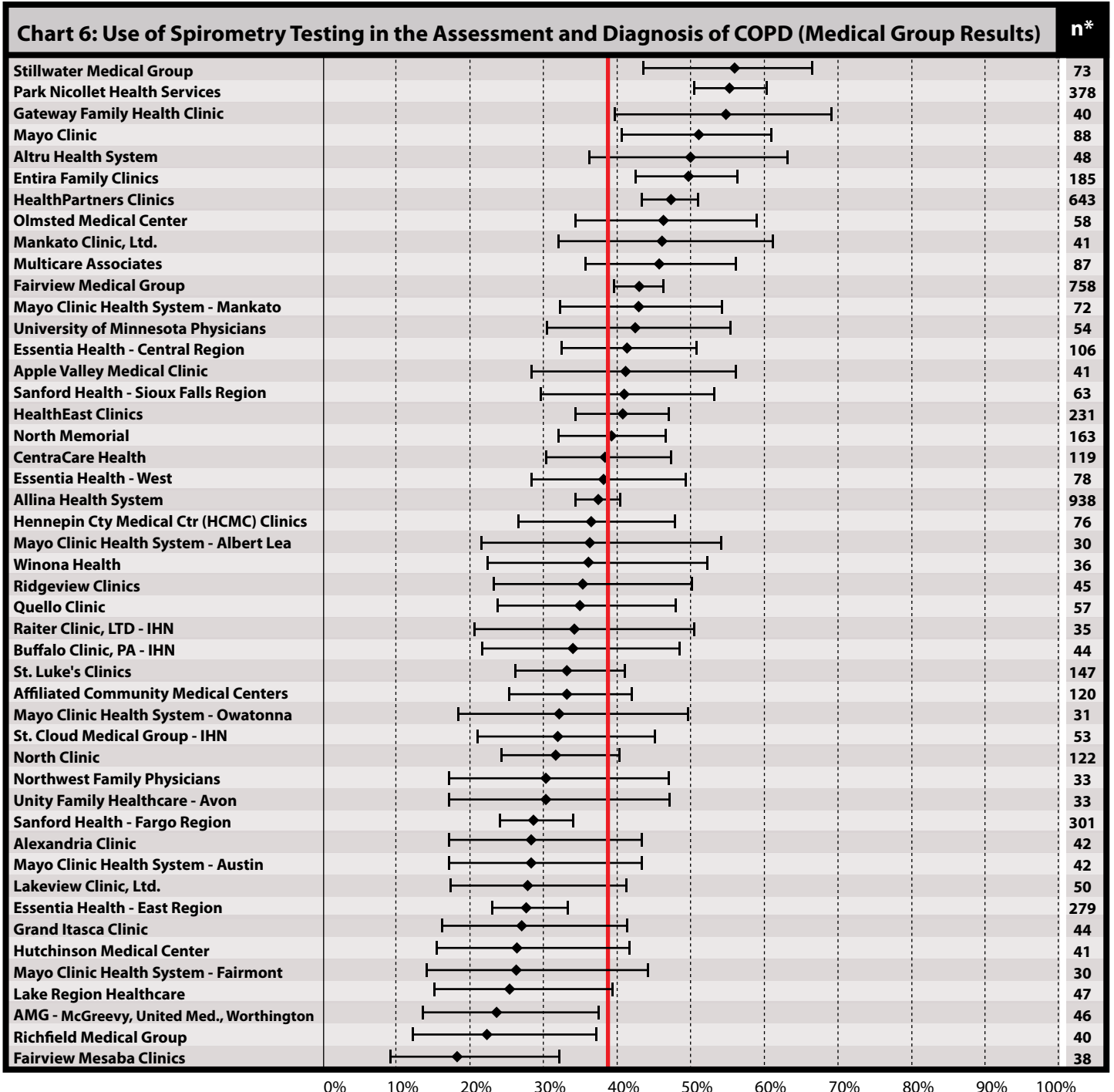
\*Statewide Average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

**Figure 6: Statewide Rates for Use of Spirometry Testing in the Assessment and Diagnosis of COPD 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 **39%**

AMG - Avera Medical Group

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

Living with Illness

\* 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 Results

### Highest performers in 2013

Medical group results showed that an average of 39 percent of patients were given a spirometry test for the assessment and diagnosis of COPD. **Stillwater Medical Group** set the benchmark of 56 percent. Seven of 47 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- Stillwater Medical Group
- Park Nicollet Health Services
- Gateway Family Health Clinic
- Mayo Clinic
- Entira Family Clinics
- HealthPartners Clinics
- Fairview Medical Group

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Use of Spirometry Testing in the Assessment and Diagnosis of COPD (medical group results) was made by **Mankato Clinic**, whose score increased by 25 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following two medical groups achieved consistently high performance and above-average rates over the past three years for Use of Spirometry Testing in the Assessment and Diagnosis of COPD:**

- HealthPartners Clinics
- Park Nicollet Health Services

#### **Four medical groups showed consistent improvement over three years:**

- Altru Health System
- Essentia Health- East Region
- St. Luke's Clinics
- Stillwater Medical Group

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

- Multicare Associates of the Twin Cities
- Quello Clinic
- University of Minnesota Physicians

#### **One medical group had a rate that was relatively stable over three years:**

- Fairview Medical Group

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

Please See Next Page

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

## Follow-up Care for Children Prescribed ADHD Medication

### Follow-up Care for Children Prescribed ADHD Medication (Results at Medical Group Level)

2011 dates of service

The percentage of children newly prescribed attention-deficit/hyperactivity disorder (ADHD) medication who had at least one follow-up visit with a practitioner with prescribing authority within 30 days of when the first ADHD medication was dispensed.

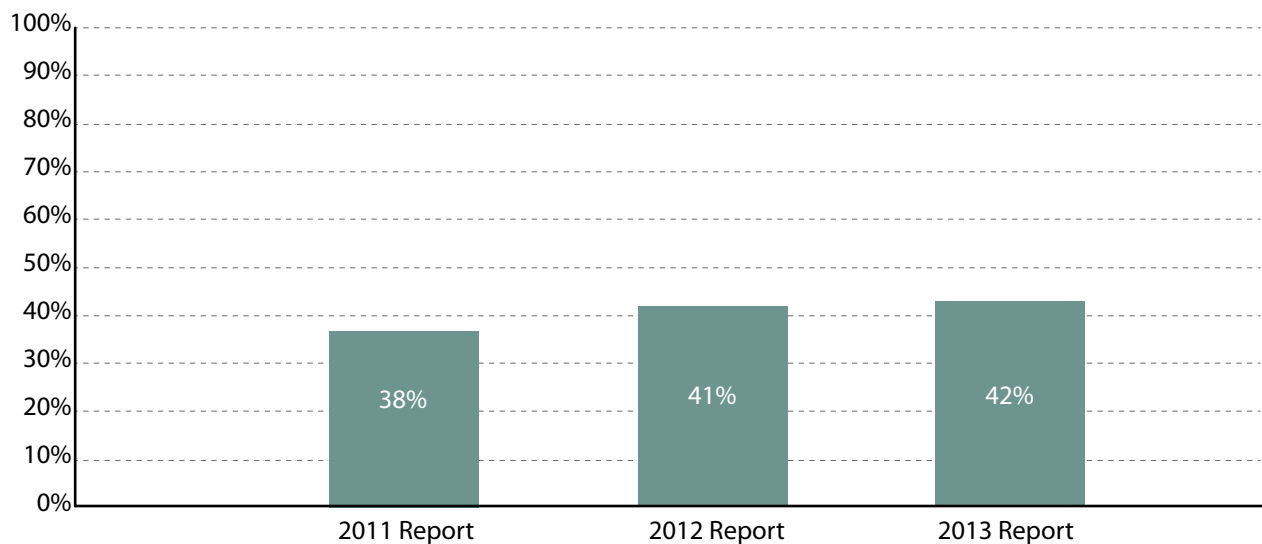
The statewide rate for Follow-up Care for Children Prescribed ADHD Medication is 42 percent. Table 8 displays the statewide rates over time. The statewide rate has increased since 2011. Chart 8 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

Data collected for this measure are from health plan claims.

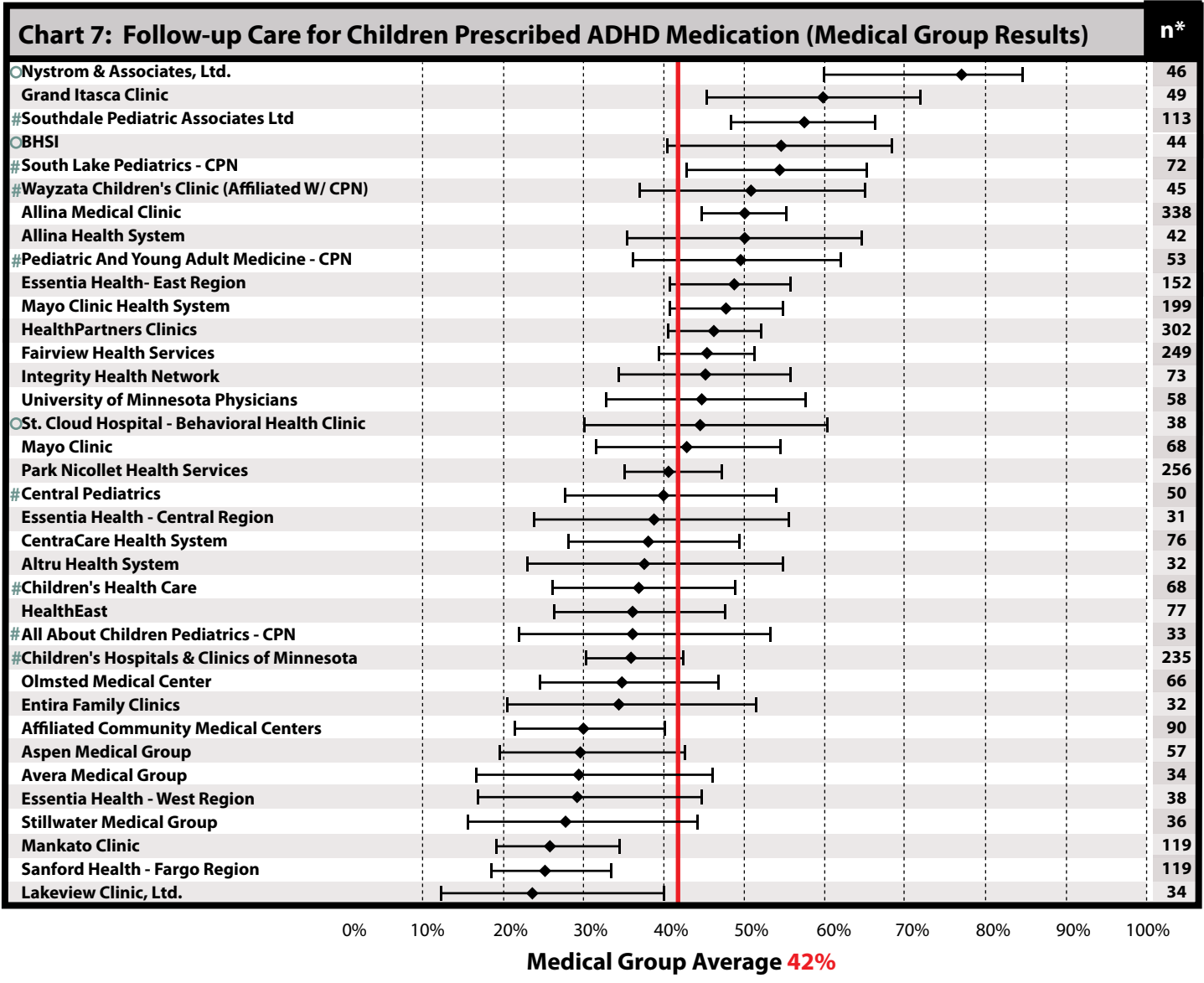
**Table 8: Statewide Rate for Follow-up Care for Children Prescribed ADHD Medication**

	Statewide Average	95% CI	Numerator (Patients who received a follow-up visit)	Denominator
Follow-up Care for Children Prescribed ADHD Medication	41.7%	40.4%-43.1%	2,132	5,112

**Table 9: Statewide Rates for Follow-up Care for Children Prescribed ADHD Medication**



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.



CPN - Children's Physician Network

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

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 42 percent of patients had a follow-up visit if they were prescribed ADHD medication. **Nystrom & Associates, Ltd.** set the benchmark of 74 percent. Five of 36 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- Nystrom & Associates, Ltd.
- Grand Itasca Clinic
- Southdale Pediatric Associates Ltd
- South Lake Pediatrics - Children's Physician Network
- Allina Medical Clinic

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Follow-up Care for Children Prescribed ADHD Medication (medical group results) was made by **Pediatric and Young Adult Medicine - Children's Physician Network**, whose score increased by more than 14 percentage points.

## Performance Highlights - Medical Group Results

### **Medical group performance over time (2011-2013)**

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

**There were zero medical groups who achieved consistently high performance and above-average rates over the past three years for Follow-up Care for Children Prescribed ADHD Medication.**

**Four medical groups showed consistent improvement over three years:**

- Allina Medical Clinic
- CentraCare Health System
- Southdale Pediatric Associates Ltd
- University of Minnesota Physicians

**Zero groups showed consistent decreases over three years.**

**Two medical group had a rate that was relatively stable over three years:**

- Children's Hospitals and Clinics of Minnesota
- Mayo Clinic

**Sixteen medical groups did not have a discernable pattern over three years.**



Please see next page.

# Results by Measure

## *Care that is Proven to Work: GETTING BETTER MEASURES*

### **Section Contents**

- **Depression Remission at Six Months** – Based on the denominator of patients age 18 and older with major depression or dysthymia and initial PHQ-9 score 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 Response at Six Months** – Based on the denominator of patients age 18 and older with major depression or dysthymia and initial PHQ-9 score is greater than nine, this measures the percent of patients whose PHQ-9 score at six months decreased at least 50% from their initial PHQ-9 score.
- **Depression Remission at Twelve Months** – Based on the denominator of patients age 18 and older with major depression or dysthymia and initial PHQ-9 score is greater than nine, this measures the percent of patients whose 12 month PHQ-9 score is less than five. This is the definition of remission.
- **Depression Response at Twelve Months** – Based on the denominator of patients age 18 and older with major depression or dysthymia and initial PHQ-9 score is greater than nine, this measures the percent of patients whose PHQ-9 score at 12 months decreased at least 50% from their initial PHQ-9 score.
- **Appropriate Treatment for Children with Upper Respiratory Infection** – Measures the percentage of children ages three months to 18 years of age 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 2-18 years of age with pharyngitis (sore throat) 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.

# Care that is Proven to Work: GETTING BETTER MEASURES

## Depression Remission and Response at Six Months

### Depression Remission and Response at Six Months (Results at Clinic and Medical Group Level)

February 1, 2011 - January 31, 2012 dates of service

Depression Remission at Six Months is defined as the percentage of patients with major depression or dysthymia and an initial PHQ-9 score greater than nine whose six-month PHQ-9 score was less than five. The statewide rate for Depression Remission at Six Months is 7 percent. Table 9 displays the details of the statewide rate. Figure 9 displays the statewide rates over time for Depression Remission at Six Months. Since the 2009 report, this rate has remained relatively stable. Chart 9.1 provides clinic results by highest to lowest, along with the statewide average (the bold line).

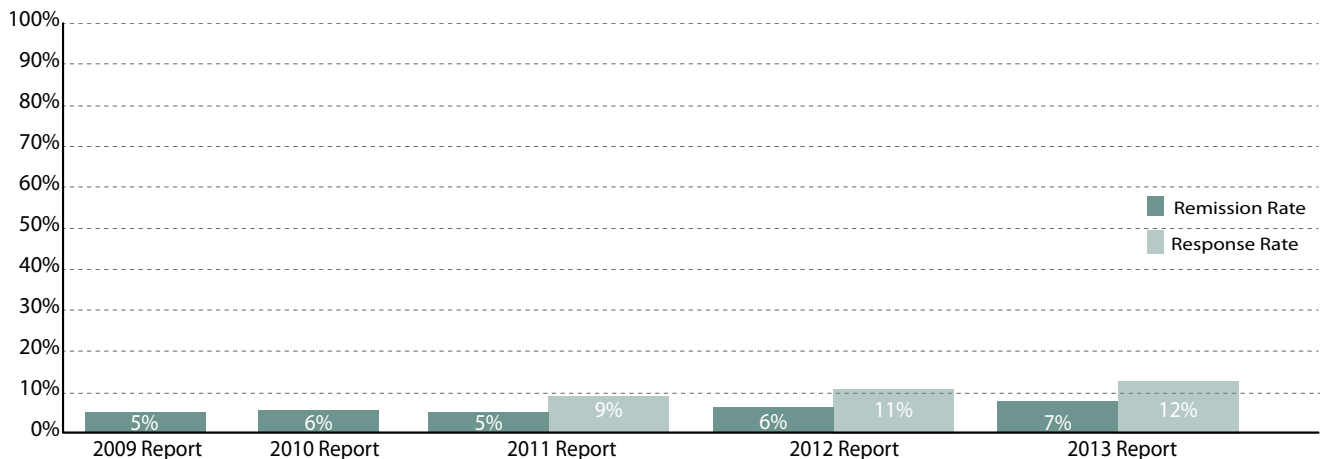
Depression Response at Six Months is defined as the percentage of patients whose PHQ-9 score at six months decreased by at least 50% from their initial PHQ-9 score. The statewide rate for Depression Response at Six Months is 12 percent. Table 9 displays the details of the statewide rate. Figure 4 displays the statewide rates over time for Depression Response at Six Months. Since the 2009 report, this rate has remained relatively stable. Chart 9.1 provides the response rate next to the remission rate for each clinic. Clinics are sorted by Remission performance from high to low. The statewide average for Depression Response at Six Months appears at the bottom of the chart. Chart 9.2 provides the clinic results rolled up by medical group. If a medical group has only one clinic, the clinic result will be the same as the medical group result. The rates are sorted by medical group from highest to lowest along with the average (the bold line).

Data collected for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.

**Table 9: Statewide Rate for Depression Remission and Response at Six Months**

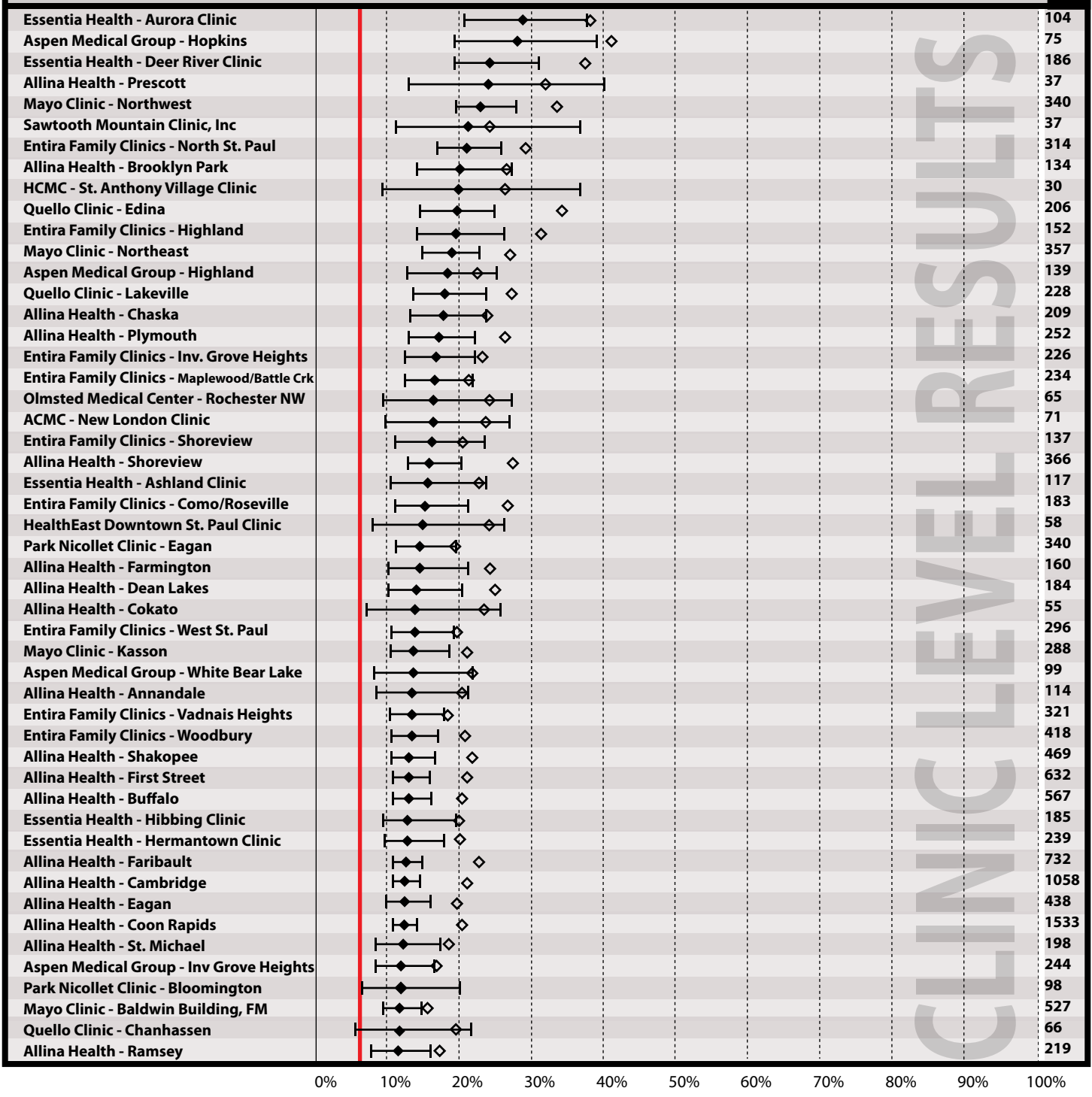
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Depression <u>Remission</u> at Six Months	6.9%		5,957	86,167
Depression <u>Response</u> at Six Months	11.7%		10,111	86,167

**Figure 9: Statewide Rates for Depression Remission and Response at Six Months Over Time**



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

**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** n\*



**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 EFC - Entira Family Clinics  
 HAH - Hutchinson Area Health Care  
 HCMC - Hennepin County Medical Center  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 NMC - North Memorial Clinic  
 RRHS - Range Regional Health Services  
 WWMA - Western Wisconsin Medical Associates

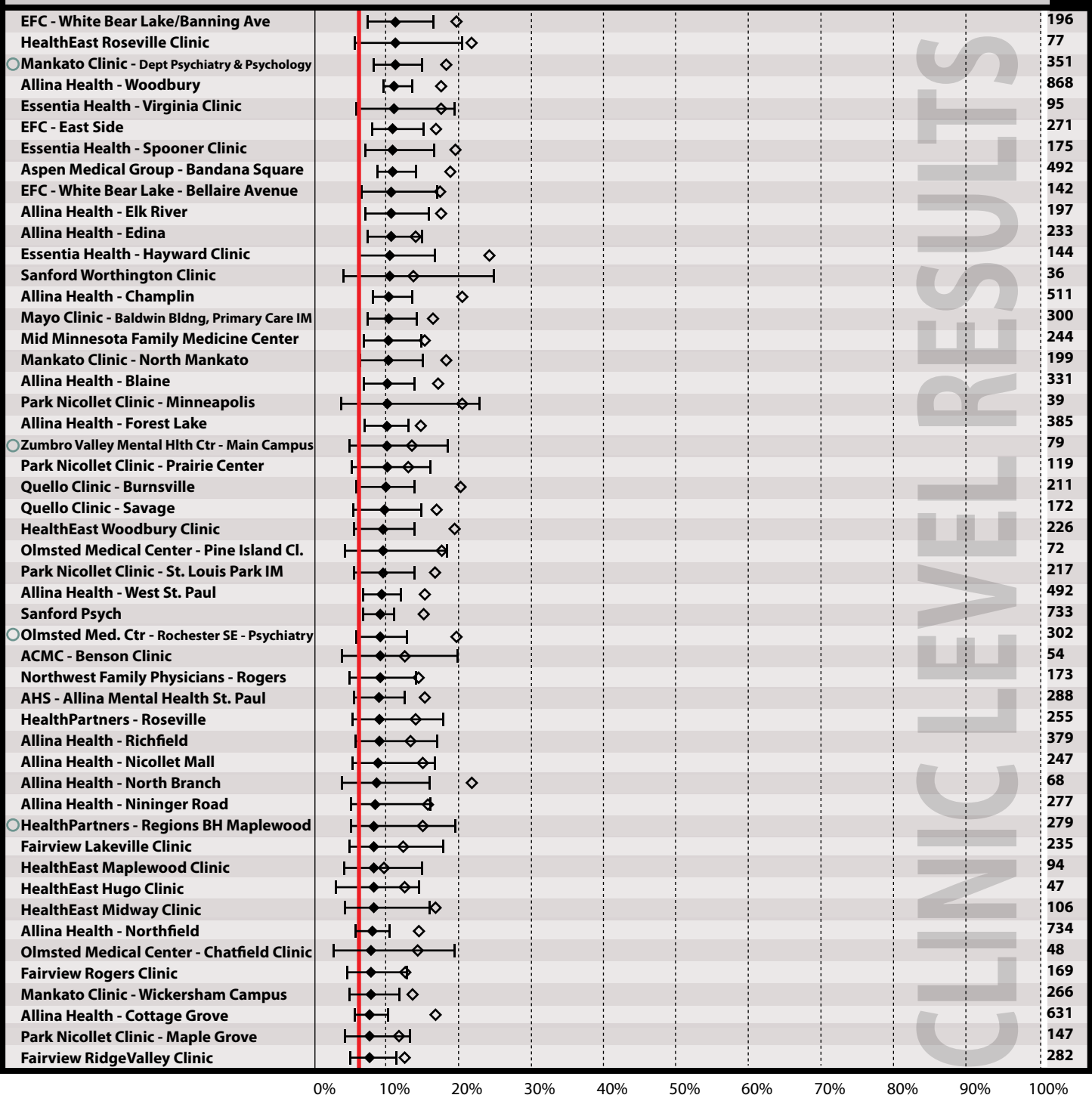
◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months

CLINIC LEVEL RESULTS

Getting Better

**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** ◇

n\*

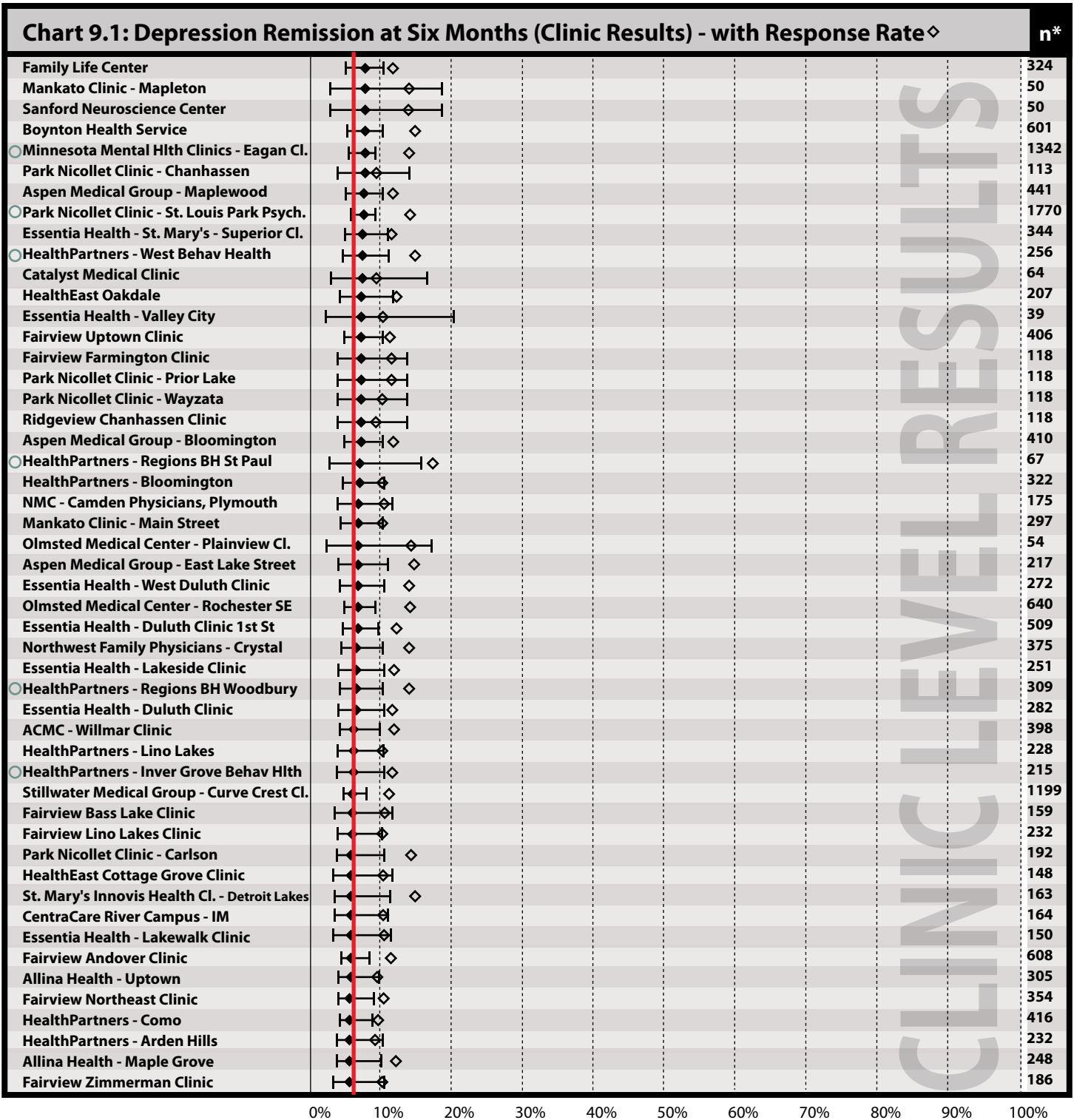


**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 EFC - Entira Family Clinics  
 HAHC - Hutchinson Area Health Care  
 HCMC - Hennepin County Medical Center  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 NMC - North Memorial Clinic  
 RRHS - Range Regional Health Services  
 WWMA - Western Wisconsin Medical Associates

◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months



**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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

- ACMC - Affiliated Community Medical Centers
- AHS - Allina Health System
- EFC - Entira Family Clinics
- HAHC - Hutchinson Area Health Care
- HCMC - Hennepin County Medical Center
- IHN - Integrity Health Network
- MCHS - Mayo Clinic Health System
- NMC - North Memorial Clinic
- RRHS - Range Regional Health Services
- WWMA - Western Wisconsin Medical Associates

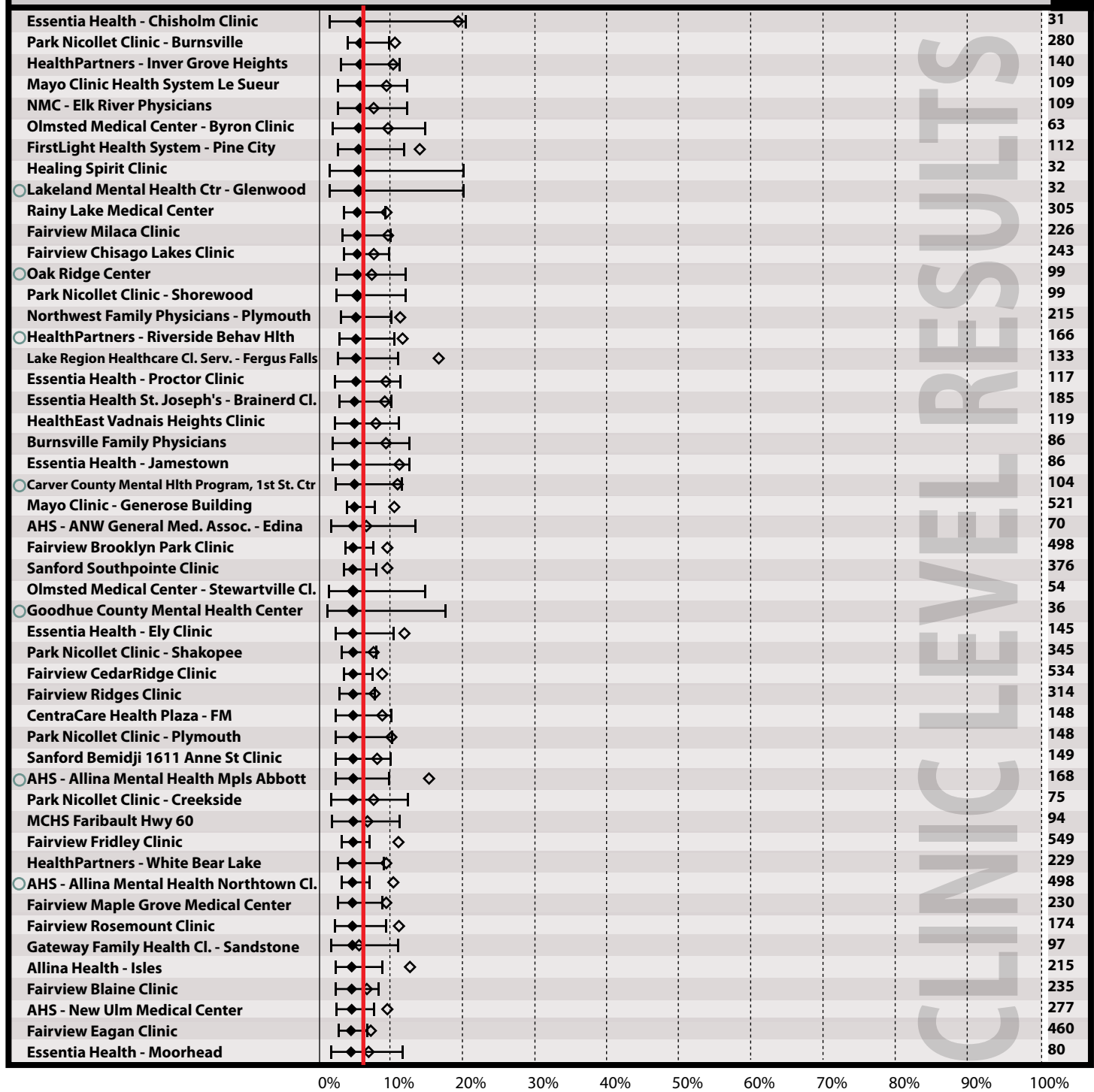
- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months

CLINIC LEVEL RESULTS

Getting Better

**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** ◇

n\*



**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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

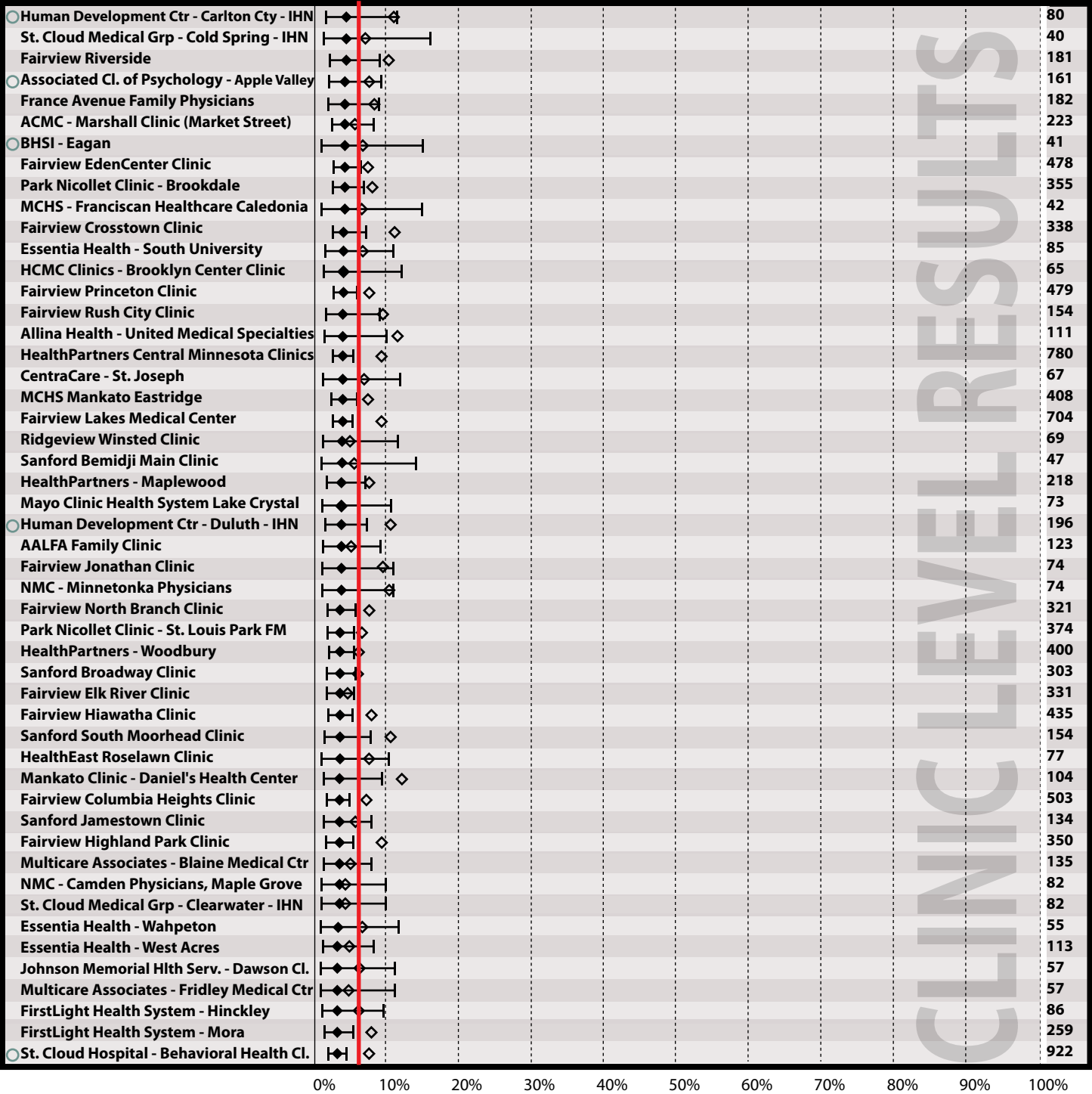
CLINIC LEVEL RESULTS

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 EFC - Entira Family Clinics  
 HAHC - Hutchinson Area Health Care  
 HCMC - Hennepin County Medical Center  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
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**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** ◇

n\*



**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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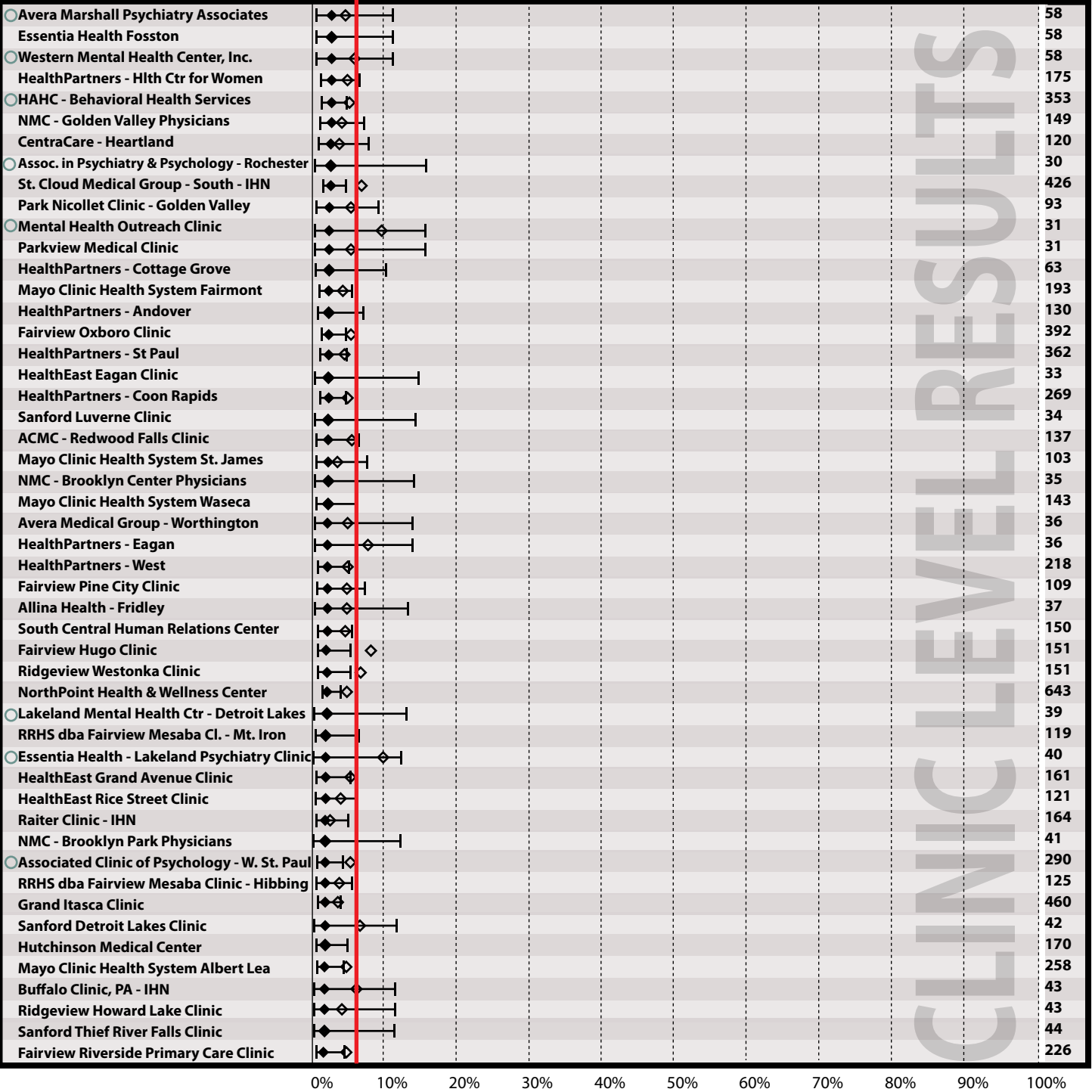
CLINIC LEVEL RESULTS

Getting Better



**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** ◇

n\*



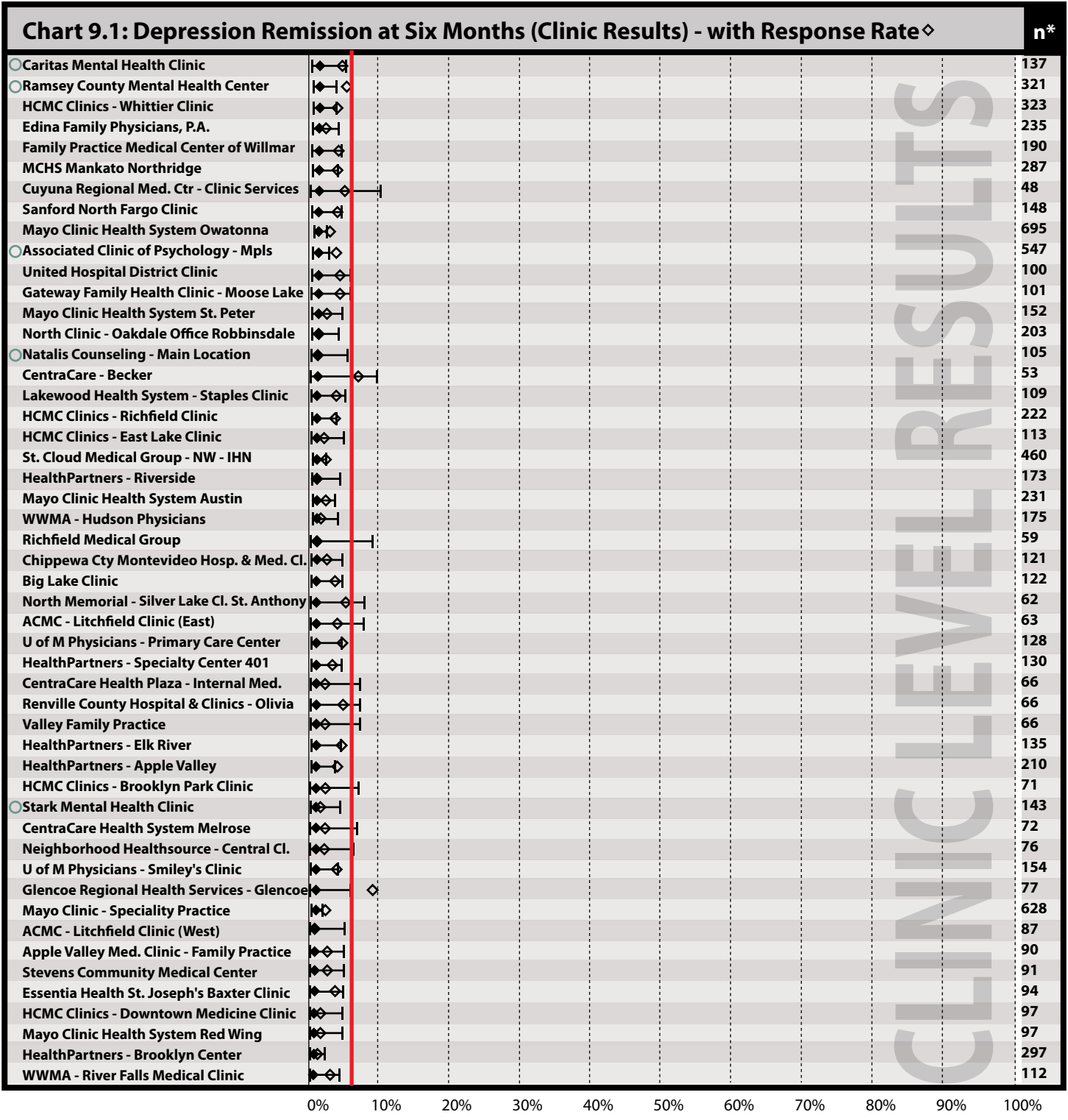
CLINIC LEVEL RESULTS

**Statewide Average: Remission 7%**  
**Statewide Average: Response 12%**

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Statewide Average: Remission 7%  
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Psychiatry | Lower Confidence Level/Upper Confidence Level n\* = 6 Month Remission Denominator

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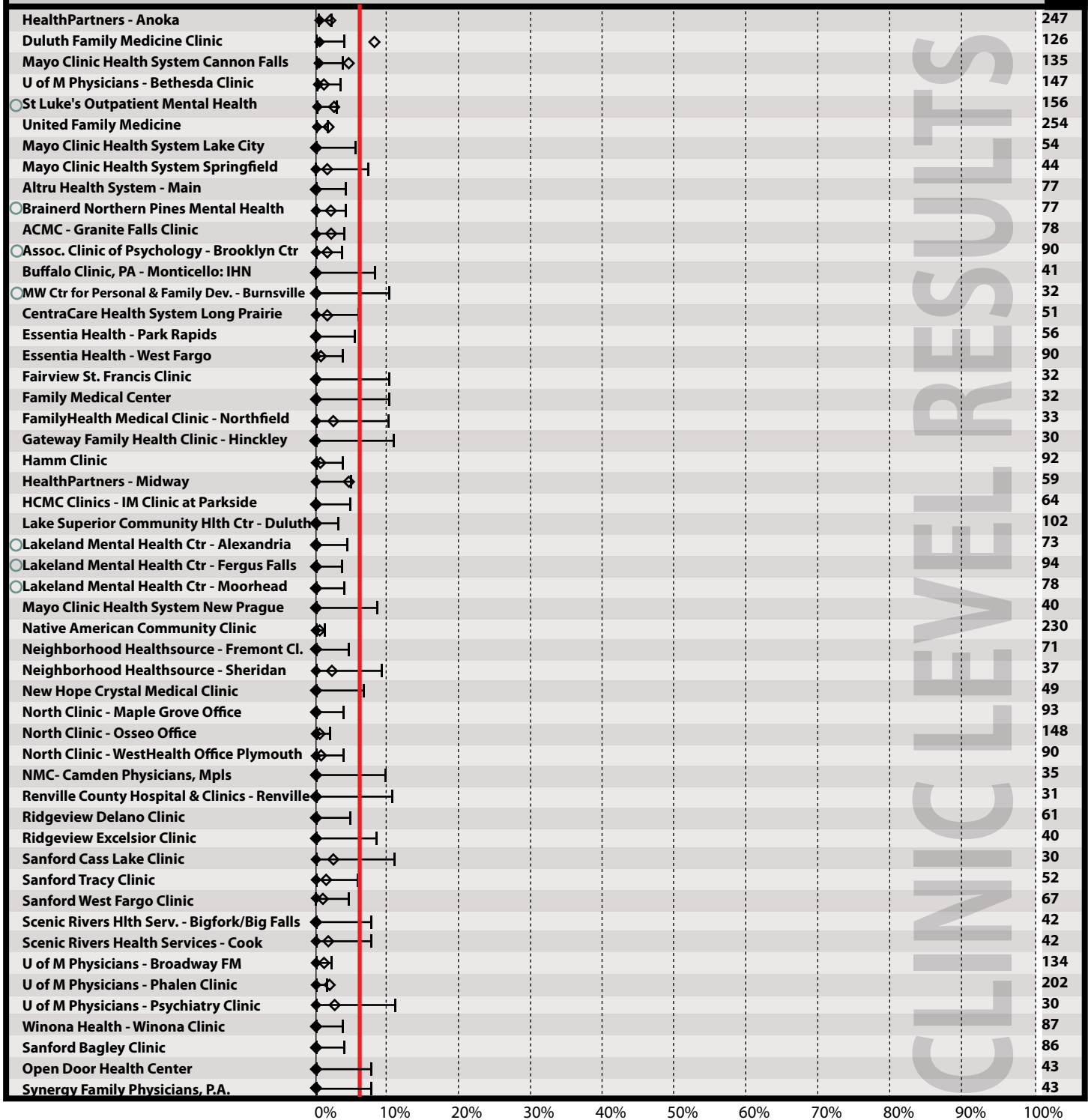
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CLINIC LEVEL RESULTS

Getting Better

**Chart 9.1: Depression Remission at Six Months (Clinic Results) - with Response Rate** ◇

n\*



Statewide Average: Remission **7%**  
 Statewide Average: Response **12%**

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

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◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months

## Performance Highlights - Clinic Results

### Highest performers in 2013

Clinic results showed that an average of 7 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than five). **Essentia Health - Aurora Clinic** set the benchmark of 29 percent of depression patients in remission at six months. There were 67 of 403 clinics with rates and confidence intervals fully about the clinic level average. The high-performing clinics are below in alphabetical order under their medical group:

#### **Affiliated Community Medical Centers**

- New London Clinic

#### **Allina Medical Clinic**

- Annandale
- Blaine
- Brooklyn Park
- Buffalo
- Cambridge
- Champlin
- Chaska
- Cokato
- Coon Rapids
- Dean Lakes
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- First Street
- Forest Lake
- Plymouth
- Prescott
- Ramsey
- Shakopee
- Shoreview
- St. Michael
- West St. Paul
- Woodbury

#### **Aspen Medical Group**

- Bandana Square
- Highland
- Hopkins
- Inver Grove Heights
- White Bear Lake

#### **Entira Family Clinics**

- Como/Roseville
- East Side
- Highland
- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul
- Shoreview
- Vadnais Heights
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.
- Woodbury

#### **Essentia Health - East Region**

- Ashland
- Aurora
- Deer River
- Hayward
- Hermantown
- Hibbing
- Spooner

#### **HealthEast Clinics**

- Downtown St. Paul

#### **Hennepin County Medical Centers**

- St. Anthony Village

#### **Mankato Clinic, Ltd.**

- Dept. of Psychiatry & Psychology
- North Mankato

#### **Mayo Clinic**

- Baldwin Building, Family Medicine
- Baldwin Building, Internal Medicine
- Kasson
- Northeast
- Northwest

#### **Mid Minnesota Family Medicine Center**

#### **Olmsted Medical Center**

- Rochester Northwest

#### **Park Nicollet**

- Bloomington
- Eagan

#### **Quello Clinic**

- Edina
- Lakeville

#### **Sanford Health - Fargo Region**

- Professional Building

#### **Sawtooth Mountain Clinic**

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Depression Remission at Six Months (clinic results) was made by **Essentia Health - Aurora Clinic**, which had a 23 percentage point increase.

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013)

We reviewed the data to identify patterns of clinic performance in clinics with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

### **The following twelve clinics achieved consistently high performance and above average-rates over the past three years for Depression Remission at Six Months:**

- Allina Health - Buffalo
- Allina Health - Eagan
- Aspen Medical Group - Bandana Square
- Entira Family Clinics - Inver Grove Heights
- Entira Family Clinics - Shoreview
- Entira Family Clinics - Vadnais Heights
- Entira Family Clinics - White Bear Lake/Banning Ave
- Entira Family Clinics - White Bear Lake-Bellaire • Avenue
- Mankato Clinic - Department of Psychiatry & Psychology
- Mayo Clinic - Baldwin Building, Family Medicine
- Mayo Clinic - Kasson
- Mayo Clinic - Northeast

### **Twenty-seven clinics showed consistent improvement over three years:**

- Allina Health - Coon Rapids
- Allina Health - Elk River
- Allina Health - Faribault
- Allina Health - Farmington
- Allina Health - Plymouth
- Allina Health - Prescott
- Allina Health - Ramsey
- Allina Health - Shakopee
- Allina Health - Shoreview
- Aspen Medical Group - Highland
- Aspen Medical Group - White Bear Lake
- Entira Family Clinics - East Side
- Entira Family Clinics - Inver Grove Heights
- Essentia Health - Hermantown Clinic
- Essentia Health - Spooner Clinic
- Fairview Chisago Lakes Clinic
- Fairview Northeast Clinic
- Fairview RidgeValley Clinic
- Fairview Rogers Clinic
- Fairview Zimmerman Clinic
- Family Life Center
- Mankato Clinic - North Mankato
- Oak Ridge Center
- Park Nicollet Clinic - Plymouth
- Quello Clinic - Burnsville
- Quello Clinic - Edina
- Quello Clinic - Lakeville

### **Two clinics showed consistent decreases over three years:**

- Allina Health - Isles
- CentraCare Health System Long Prairie

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013) - *continued*

**Fifty-seven clinics had rates that were relatively stable over three years:**

- Allina Health System - New Ulm
- Allina Health - Maple Grove
- Allina Health - North Branch
- Allina Health - Richfield
- Allina Health - United Medical Specialties
- Associated Clinic of Psychology- Brooklyn Center
- Associated Clinic of Psychology- Minneapolis
- Associated Clinic of Psychology-West St. Paul
- CentraCare - Heartland
- Entira Family Clinics - White Bear Lake/Banning Ave
- Essentia Health - Lakeland Psychiatry
- Essentia Health - Ely Clinic
- Essentia Health - St. Mary's-Superior
- Rainy Lake Medical Center
- Fairview EdenCenter Clinic
- Fairview Rush City Clinic
- Grand Itasca Clinic
- HealthPartners - Andover
- HealthPartners - Anoka
- HealthPartners - Arden Hills
- HealthPartners - Brooklyn Center
- HealthPartners - Como
- HealthPartners - Coon Rapids
- HealthPartners - Elk River
- HealthPartners - Midway
- HealthPartners - Regions BH Woodbury
- HealthPartners - Riverside
- HealthPartners - Riverside Behav Hlth
- HealthPartners - St Paul
- HealthPartners - West Behav Hlth
- HealthPartners - Woodbury
- Hennepin County Medical Center - East Lake Clinic
- Hennepin County Medical Center - Internal Medicine Clinic at Parkside
- Hennepin County Medical Center - Richfield Clinic
- Hennepin County Medical Center - Whittier Clinic
- Mankato Clinic - Wickersham Campus
- Mayo Clinic - Baldwin Bldg., Family
- Mayo Clinic - Generose Building
- Mayo Clinic - Speciality Practice
- Mayo Clinic Health System Austin
- Mayo Clinic Health System Owatonna
- Mayo Clinic Health System St. Peter
- Minnesota Mental Health Clinics - Eagan Clinic
- Multicare Associates - Blaine Medical
- Brainerd Northern Pines Mental Hlth
- Northwest Family Physicians - Plymouth
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Park Nicollet Clinic - St. Louis Park Psychiatry
- Ridgeview Howard Lake Clinic
- Ridgeview Westonka Clinic
- Ridgeview Winsted Clinic
- Sanford Pysch
- St. Cloud Hospital - Behavioral Health
- Stillwater Medical Group - Curve Crest
- University of Minnesota Physicians - Bethesda Clinic
- University of Minnesota Physicians - Smiley's Clinic
- Winona Health - Winona Clinic

**One hundred forty-nine clinics did not have a discernable pattern over three years.**

## Performance Highlights - Clinic Results

### Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

#### Wisconsin - 4 out of 7 (57%)

**Allina Medical Clinic**

- Prescott

**Essentia Health - East Region**

- Ashland
- Hayward
- Spooner

#### East Metro - 29 out of 109 (27%)

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Eagan
- Farmington
- First Street
- Forest Lake
- Ramsey
- Shoreview
- West St. Paul
- Woodbury

**Aspen Medical Group**

- Bandana Square
- Highland
- Inver Grove Heights
- White Bear Lake

**Entira Family Clinics**

- Como/Roseville
- East Side
- Highland

- Inver Grove Heights
- Maplewood/Battle Creek
- North St. Paul
- Shoreview
- Vadnais Heights
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.
- Woodbury

**HealthEast Clinics**

- Downtown St. Paul

**Park Nicollet Health Services**

- Eagan

**Quello Clinic**

- Lakeville



#### Northeast - 5 out of 27 (19%)

**Essentia Health - East Region**

- Aurora
- Deer River
- Hermantown
- Hibbing

**Sawtooth Mountain Clinic**

## Performance Highlights - Clinic Results

### Highest performers in 2013 by Minnesota regions - *continued*

#### Southeast - 9 out of 48 (19%)

**Allina Medical Clinic**

- Faribault

**Mankato Clinic**

- Dept. of Psychiatry & Psychology
- North Mankato

**Mayo Clinic**

- Baldwin Building, Family

- Baldwin Building, Internal

- Kasson

- Northeast

- Northwest

**Olmsted Medical Center**

- Rochester Northwest

#### Central- 7 out of 55 (13%)

**Allina Medical Clinic**

- Annandale
- Buffalo
- Cambridge
- Cokato
- Elk River

- St. Michael

**Mid Minnesota Family  
Medicine Center**

#### West Metro- 11 out of 105 (11%)

**Allina Medical Clinic**

- Brooklyn Park
- Champlin
- Chaska
- Dean Lakes
- Edina
- Plymouth
- Shakopee

- Hopkins

**Hennepin County Medical  
Center Clinics**

- St. Anthony Village

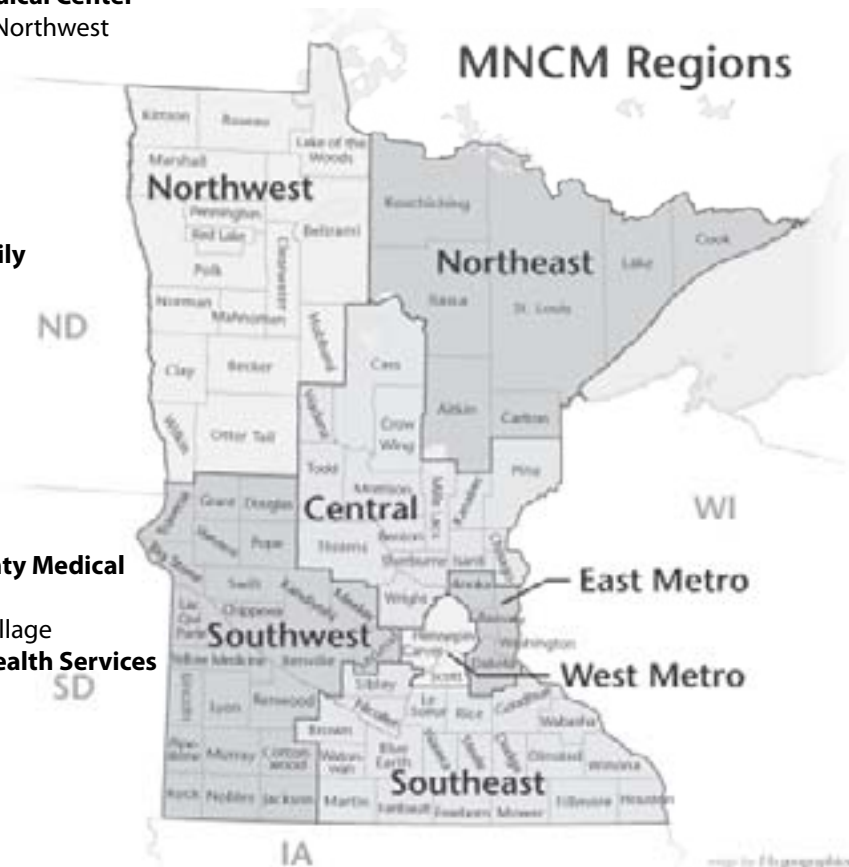
**Park Nicollet Health Services**

- Bloomington

**Quello Clinic**

- Edina

**Aspen Medical Group**



#### North Dakota- 1 out of 12 (8%)

**Sanford Health - Fargo Region**

- Sanford Pysch

#### Southwest- 1 out of 26 (4%)

**Affiliated Community  
Medical Centers**

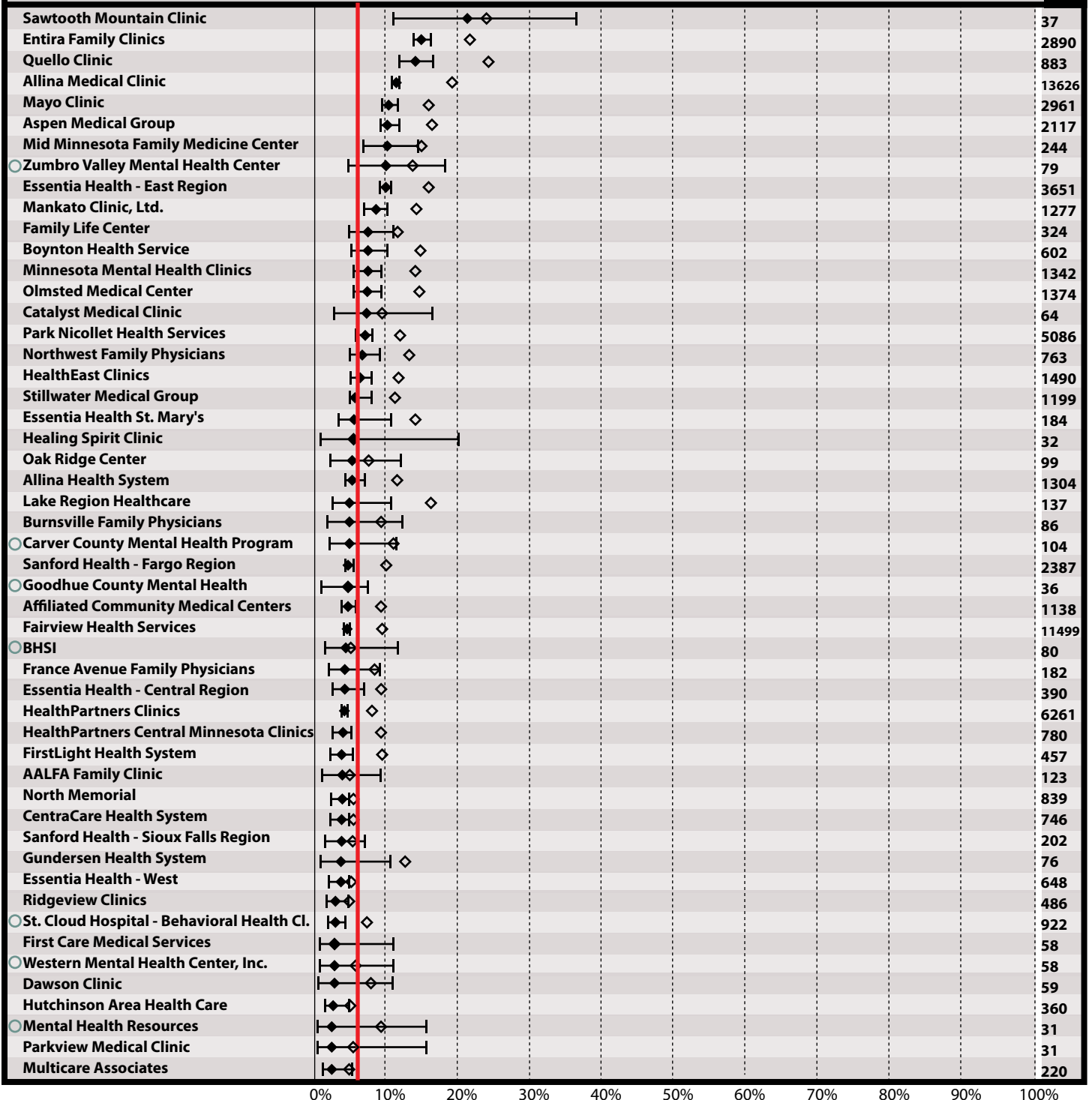
- New London

#### Northwest- 0 out of 14 (0%)



**Chart 9.2: Depression Remission at Six Months (Medical Group Results) - with Response Rate**

n\*

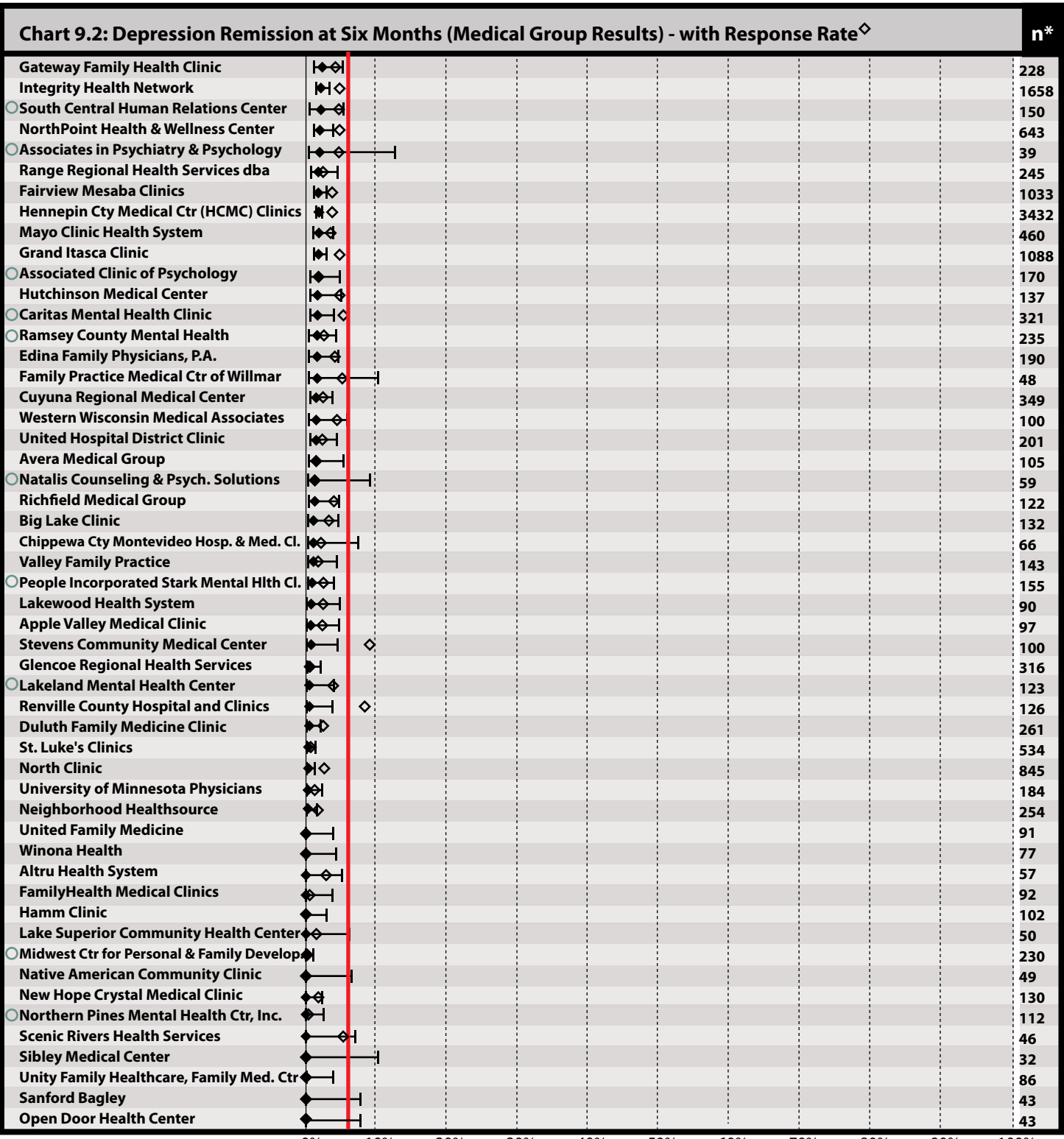


Statewide Average: Remission 7%  
 Statewide Average: Response 12%

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

◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months

Getting Better



Statewide Average: Remission **7%**  
 Statewide Average: Response **12%**

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

◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 6 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 6 months

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Clinic results by medical group showed that an average of 7 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than five). **Sawtooth Mountain Clinic** set the benchmark of 22 percent of depression patients in remission at six months. There were 9 of 103 medical groups with rates and confidence intervals fully above the medical group level average. The high-performing medical groups are below from high to low:

- Sawtooth Mountain Clinic
- Entira Family Clinics
- Quello Clinic
- Allina Medical Clinic
- Mayo Clinic
- Aspen Medical Group
- Mid Minnesota Family Medicine Center
- Essentia Health - East Region
- Mankato Clinic, Ltd.

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Depression Remission at Six Months (medical group results) was made by **Essentia Health - East Region**, whose score increased by six percentage points.

### Medical group performance over time (2011-2013)

Not applicable.

Please see next page.

# Care that is Proven to Work: GETTING BETTER MEASURES

## Depression Remission and Response at Twelve Months

### Depression Remission and Response at Twelve Months (Results at the Clinic and Medical Group Level)

February 1, 2011 - January 31, 2012 dates of service

Depression Remission at Twelve Months is defined as the percentage of patients with major depression or dysthymia and an initial PHQ-9 score greater than nine whose 12 month PHQ-9 score was less than five. The statewide rate for Depression Remission at Twelve Months is 6 percent. Table 10 displays the details of the statewide rate. Figure 10 displays the statewide rates over time for Depression Remission at Twelve Months. Since the 2010 report, this rate has remained stable. Chart 10.1 provides clinic results sorted from highest to lowest along with the statewide average (the bold line).

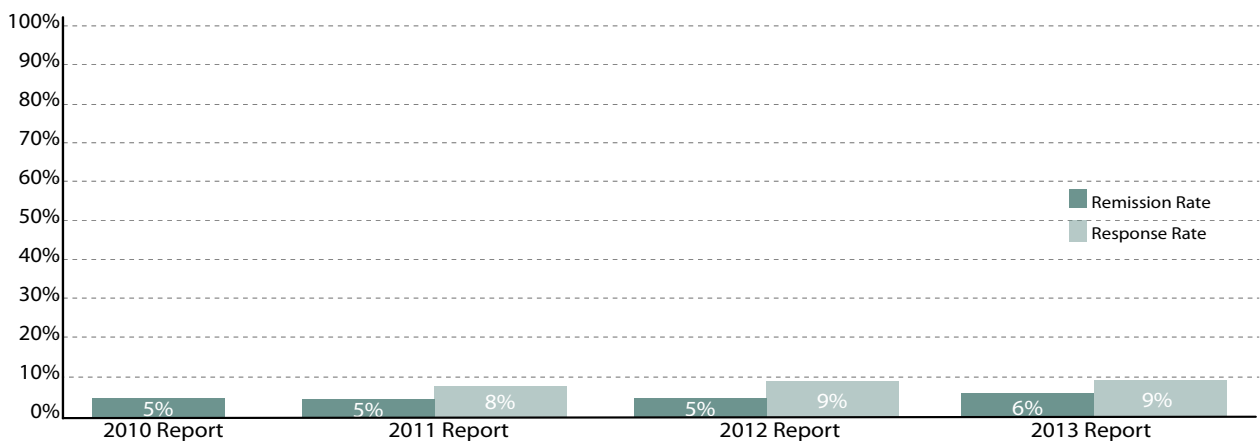
Depression Response at Twelve Months is defined as the percentage of patients whose PHQ-9 score at 12 months decreased by at least 50% from their initial PHQ-9 score. The statewide rate for Depression Response at Twelve Months is 9 percent. Table 10 displays the details of the statewide rate. Figure 10 displays the statewide rates over time for Depression Response at Six Months. Since the 2010 report, this rate has remained stable. Chart 10.1 provides the Response rate next to the Remission rate for each clinic. Clinics are sorted by remission performance from high to low. The statewide average for Depression Response at Twelve Months appears at the bottom of the chart. Chart 10.2 provides the clinic results rolled up by medical group. If a medical group has only one clinic, the clinic result will be the same as the medical group result. The rates are sorted by medical group from highest to lowest along with the average (the bold line).

Data collected for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.

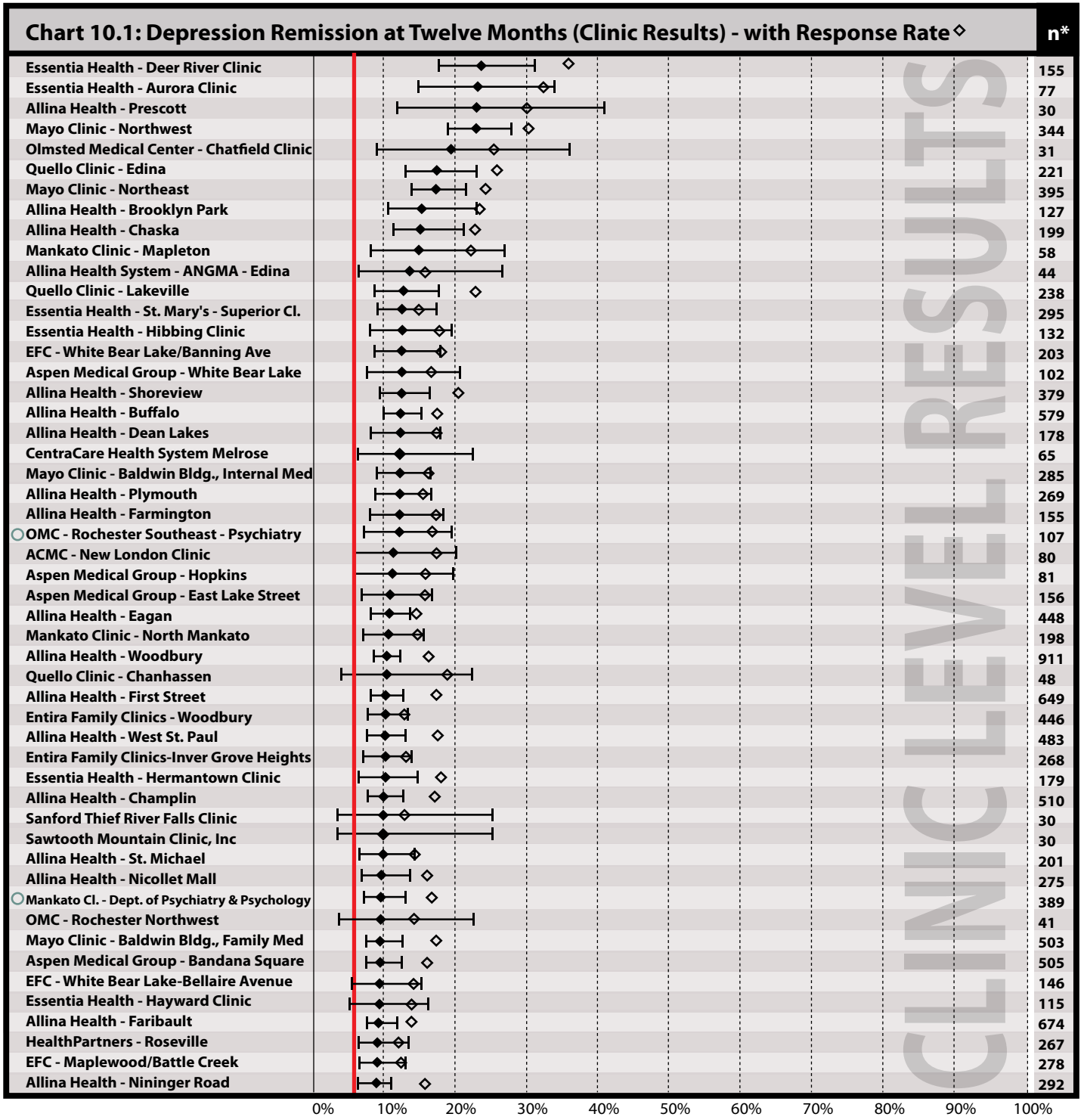
**Table 10: Statewide Rate for Depression Remission and Response at Twelve Months**

	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Depression <u>Remission</u> at Twelve Months	5.5%		4,429	80,076
Depression <u>Response</u> at Twelve Months	9.4%		7,562	80,067

**Figure 10: Statewide Rates for Depression Remission at Twelve Months Over Time**



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



CLINIC LEVEL RESULTS

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

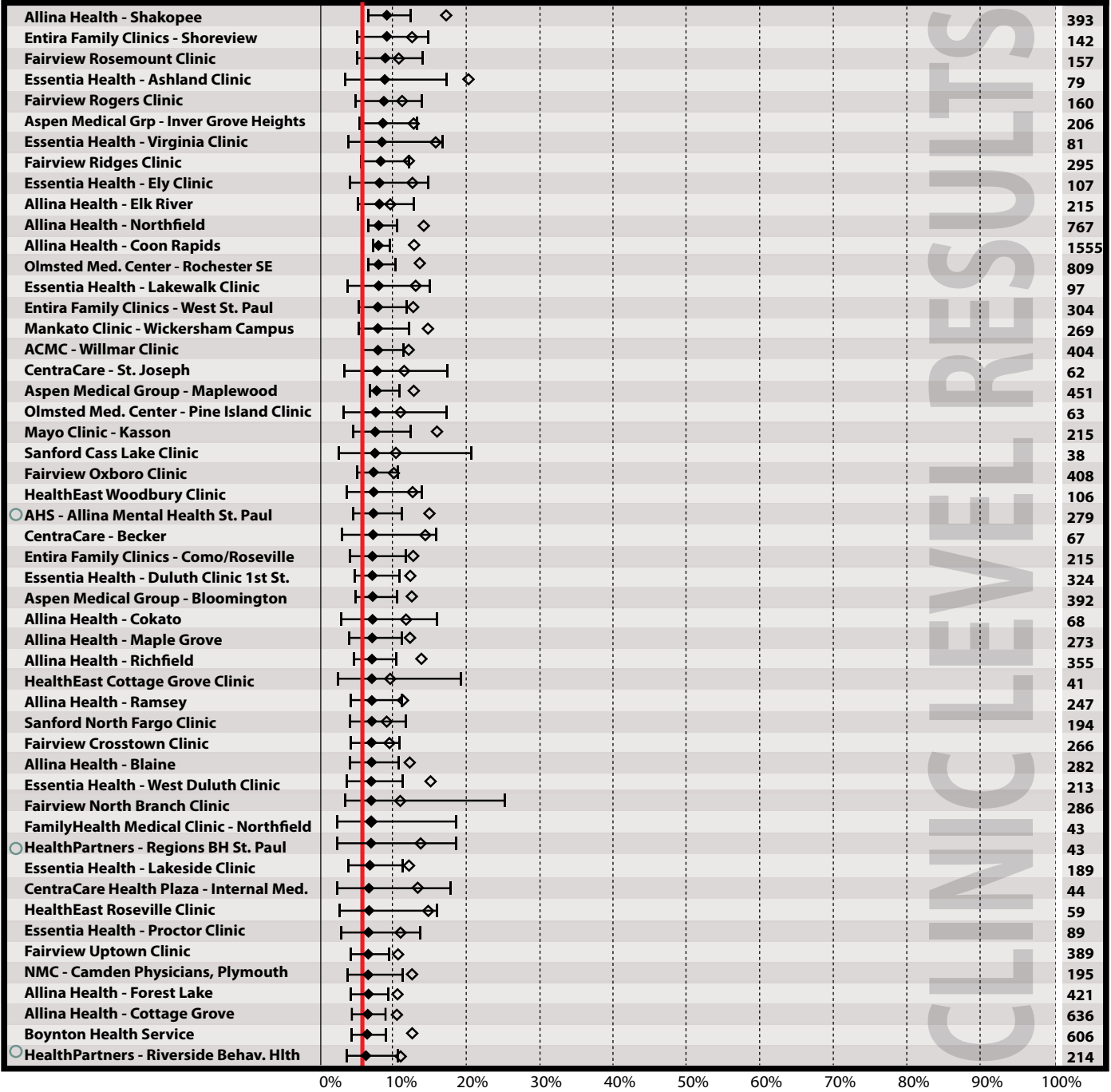
**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

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- ACP - Associated Clinic of Psychology
- AHS - Allina Health System
- AMC - Allina Medical Clinic
- CCMH - Chippewa County Montevideo Hospital
- EFC - Entira Family Clinics
- HCMC - Hennepin County Medical Center
- MCHS - Mayo Clinic Health System
- NMC - North Memorial Clinics
- PNC - Park Nicollet Clinic

- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months

**Chart 10.1: Depression Remission at Twelve Months (Clinic Results) - with Response Rate** ◇

n\*



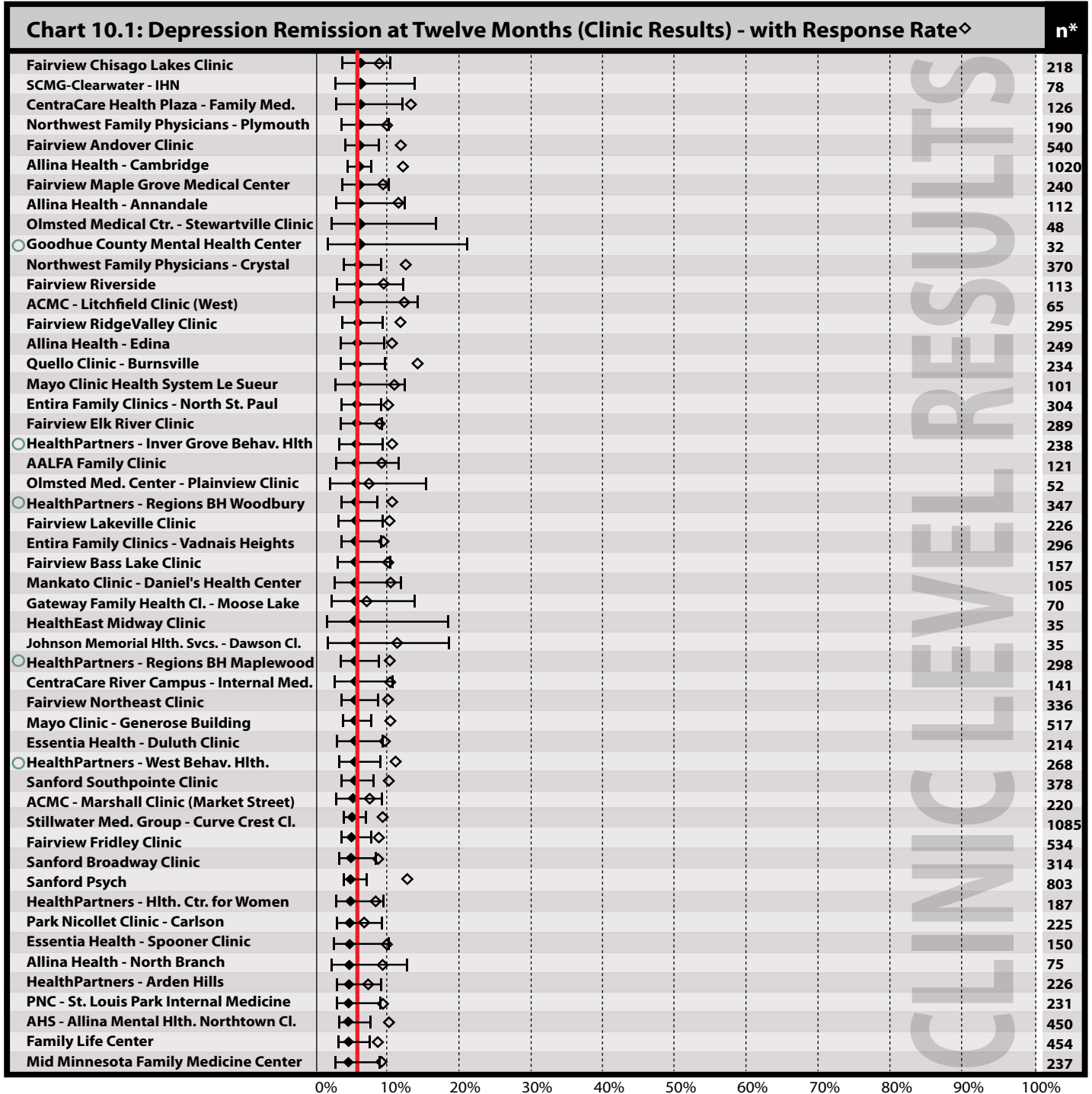
CLINIC LEVEL RESULTS

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

**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

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- HCMC - Hennepin County Medical Center
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- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months



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CLINIC LEVEL RESULTS

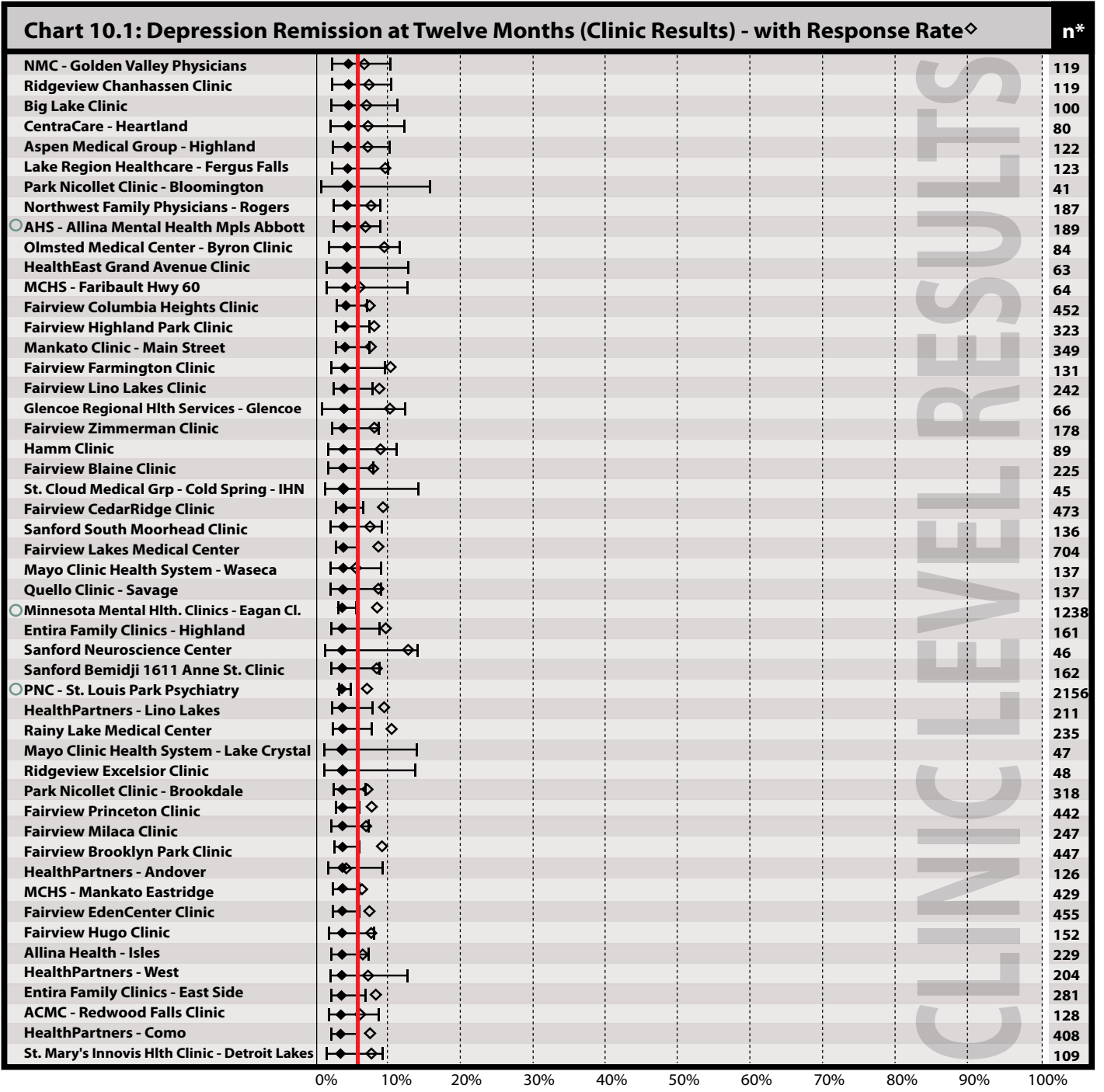
○ Psychiatry | Lower Confidence Level/Upper Confidence Level n\* = Twelve Month Remission Denominator

**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
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 MCHS - Mayo Clinic Health System  
 NMC - North Memorial Clinics  
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◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months  
 ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months



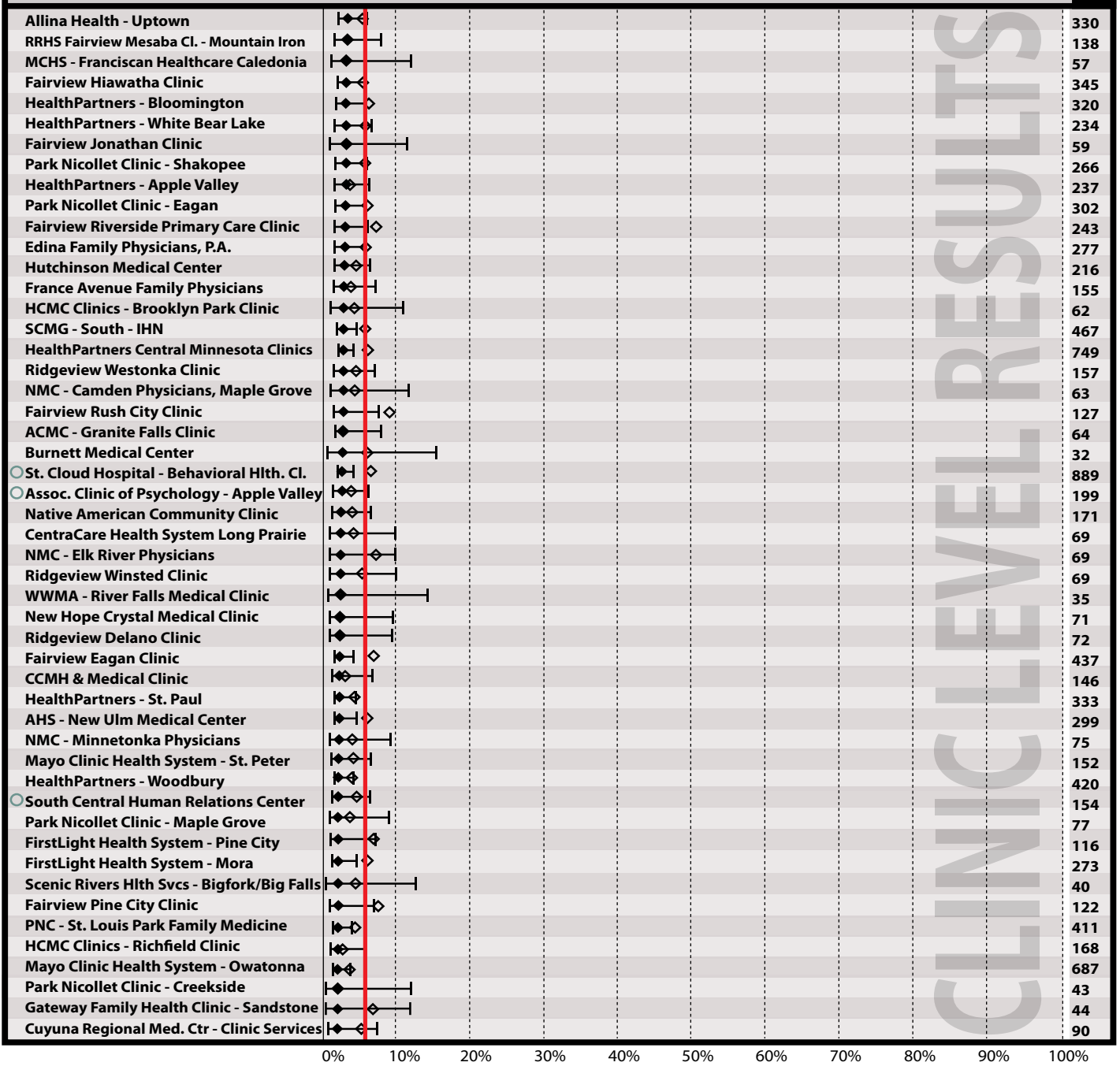


**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

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- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months

**Chart 10.1: Depression Remission at Twelve Months (Clinic Results) - with Response Rate** n\*



CLINIC LEVEL RESULTS

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

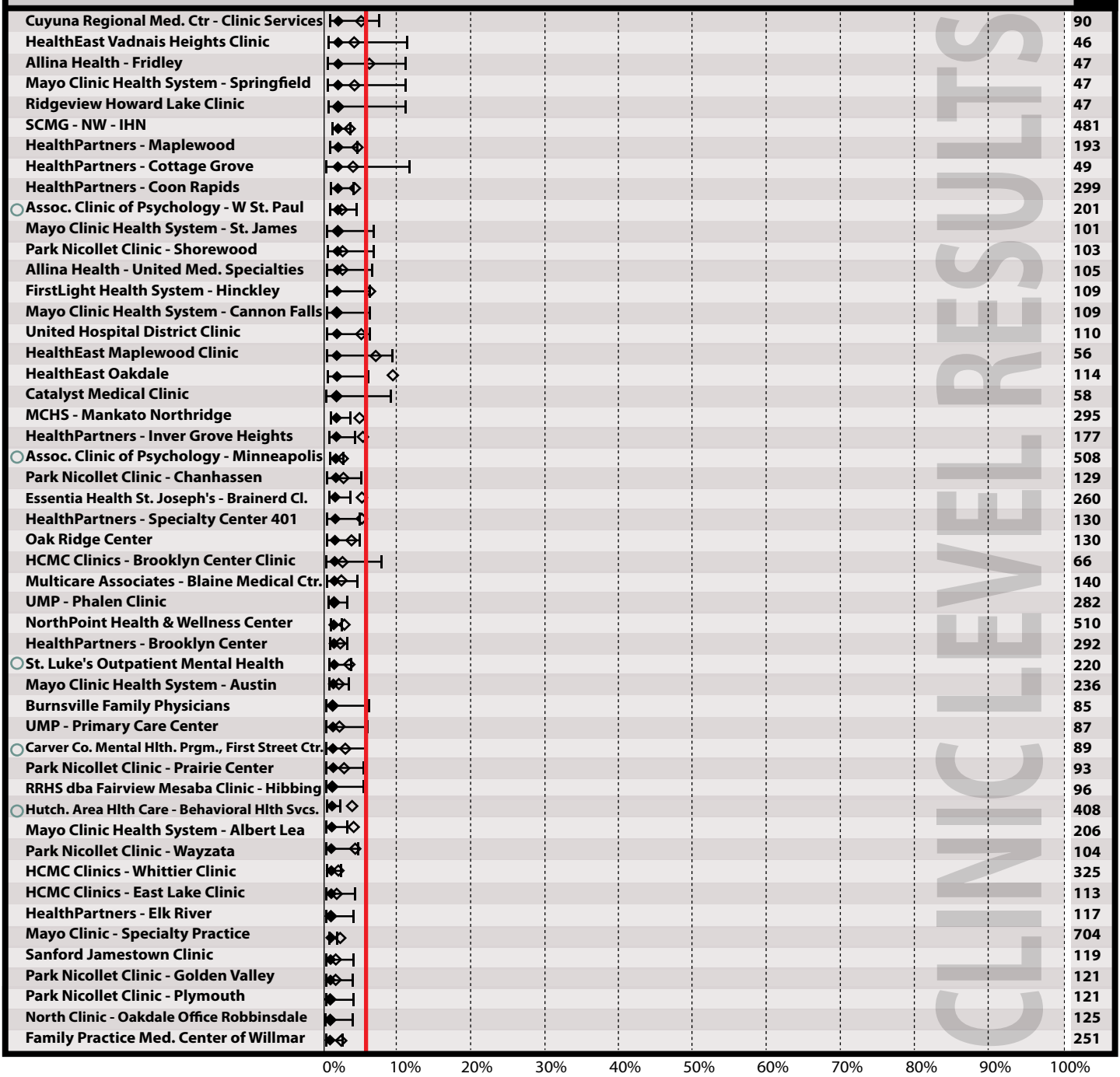
**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

- |  |  |
|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers | <b>EFC</b> - Entira Family Clinics           |
| <b>ACP</b> - Associated Clinic of Psychology       | <b>HCMC</b> - Hennepin County Medical Center |
| <b>AHS</b> - Allina Health System                  | <b>MCHS</b> - Mayo Clinic Health System      |
| <b>AMC</b> - Allina Medical Clinic                 | <b>NMC</b> - North Memorial Clinics          |
| <b>CCMH</b> - Chippewa County Montevideo Hospital  | <b>PNC</b> - Park Nicollet Clinic            |

- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months

**Chart 10.1: Depression Remission at Twelve Months (Clinic Results) - with Response Rate** ◇

n\*



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

**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

- ACMC - Affiliated Community Medical Centers
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- NMC - North Memorial Clinics
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- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months

## Performance Highlights - Clinic Results

### Highest performers in 2013

Clinic results showed that an average of 6 percent of patients with depression were in remission at twelve months (had a PHQ-9 score of less than five). **Essentia Health - Deer River Clinic** set the benchmark of 24 percent of depression patients in remission at twelve months. There were 54 of 352 clinics with rates and confidence intervals fully about the clinic level average. The high-performing clinics are below in alphabetical order under their medical group:

#### **Affiliated Community Medical Centers**

- New London
- Willmar

#### **Allina Health System**

- Abbott Northwestern General Medicine Assoc. - Edina

#### **Allina Medical Clinic**

- Brooklyn Park
- Buffalo
- Champlin
- Chaska
- Coon Rapids
- Dean Lakes
- Eagan
- Faribault
- Farmington
- First Street
- Nicollet Mall
- Nininger Road
- Northfield
- Plymouth
- Prescott

- Shakopee
- Shoreview
- St. Michael
- West St. Paul
- Woodbury

#### **Aspen Medical Group**

- Bandana Square
- East Lake Street
- Hopkins
- Inver Grove Heights
- Maplewood
- White Bear Lake

#### **Centra Care Health System**

- Melrose

#### **Entira Family Clinics**

- Inver Grove Heights
- Maplewood/Battle Creek
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.
- Woodbury

#### **Essentia Health - East Region**

- Aurora

- Deer River
- Hermantown
- Hibbing
- St. Mary's-Superior

#### **Fairview Health Services**

- Ridges

#### **Mankato Clinic, Ltd.**

- Department of Psychiatry and Psychology
- Mapleton
- North Mankato

#### **Mayo Clinic**

- Baldwin Bldg., Family Medicine
- Baldwin Bldg., Internal Medicine
- Northeast
- Northwest

#### **Olmsted Medical Center**

- Chatfield
- Rochester Southeast
- Rochester Southeast - Psychiatry

#### **Quello Clinic**

- Edina
- Lakeville

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Depression Remission at Twelve Months (clinic results) was made by **Essentia Health - Deer River Clinic**, whose score increased by more than 21 percentage points.

## Performance Highlights - Clinic Results

### Clinic performance over time (2011-2013)

We reviewed the data to identify patterns of clinic performance in clinics with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following nine clinics achieved consistently high performance and above-average rates over the past three years for Depression Remission at Twelve Months:**

- Allina Health - Buffalo
- Allina Health - Farmington
- Allina Health - First Street
- Allina Health - Northfield
- Allina Health - Woodbury
- Entira Family Clinics - White Bear Lake/Banning Ave
- Entira Family Clinics - White Bear Lake-Bellaire Ave
- Mayo Clinic - Northeast
- Mayo Clinic - Northwest

#### **Fifteen clinics showed consistent improvement over three years:**

- Allina Health - Annandale
- Allina Health - Chaska
- Allina Health - Faribault
- Allina Health - Plymouth
- Allina Health - Shakopee
- Allina Health - Shoreview
- Allina Health - West St. Paul
- Aspen Medical Group - Inver Grove Heights
- Entira Family Clinics - Woodbury
- Fairview Lino Lakes Clinic
- Fairview Maple Grove Medical Center
- Fairview North Branch Clinic
- Fairview Oxboro Clinic
- Fairview Rogers Clinic
- Mayo Clinic - Baldwin Building, Primary Care Internal Medicine

#### **One clinic showed consistent decreases over three years:**

- Apple Valley Medical Clinic - Family Practice

#### **Forty-three clinics had rates that were relatively stable over three years:**

- Allina Health - Buffalo
- Allina Health - Farmington
- Allina Health - Forest Lake
- Allina Health - Northfield
- Allina Health - Ramsey
- Allina Health - Richfield
- Entira Family Clinics - North St. Paul
- Entira Family Clinics - Vadnais Heights
- Entira Family Clinics - West St. Paul
- Entira Family Clinics - White Bear Lake-Bellaire Avenue
- Fairview Brooklyn Park Clinic
- Fairview Columbia Heights Clinic
- Fairview Northeast Clinic
- France Avenue Family Physicians
- HealthPartners - Anoka
- HealthPartners - Apple Valley
- HealthPartners - Arden Hills
- HealthPartners - Bloomington
- HealthPartners - Brooklyn Center
- HealthPartners - Como
- HealthPartners - Coon Rapids
- HealthPartners - Elk River
- HealthPartners - Inver Grove BehavHlth
- HealthPartners - Inver Grove Heights
- HealthPartners - Lino Lakes
- HealthPartners - Maplewood
- HealthPartners - Riverside
- HealthPartners - St Paul
- HealthPartners - West
- HealthPartners - Woodbury
- Hennepin County Medical Center - Adult Psychiatry Clinic
- Hennepin County Medical Center -
- Richfield Clinic
- Hennepin County Medical Center - Whittier Clinic
- Mayo Clinic - Generose Building
- Mayo Clinic - Speciality Practice
- Minnesota Mental Health Clinics - Eagan Clinic
- Park Nicollet Clinic - Brookdale
- Park Nicollet Clinic - Burnsville
- Park Nicollet Clinic - Chanhassen
- Park Nicollet Clinic - Eagan
- Park Nicollet Clinic - Shakopee
- Park Nicollet Clinic - St. Louis Park Family Medicine
- Park Nicollet Clinic - St. Louis Park Psychiatry

#### **Ninety-five clinics did not have a discernable pattern over three years.**

# Performance Highlights - Clinic Results

## Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

### Wisconsin - 2 out of 7 (29%)

- Allina Medical Clinic**
  - Prescott
- Essentia Health - East Region**
  - St. Mary's Superior Clinic

### Southeast - 12 out of 43 (28%)

- Allina Medical Clinic**
  - Faribault
  - Northfield
- Mankato Clinic**
  - Department of Psychiatry & Psychology
  - Mapleton
  - North Mankato
- Mayo Clinic**
  - Baldwin Bldg., Family Medicine
- Baldwin Bldg., Internal Medicine
- Northeast
- Northwest
- Olmsted Medical Center**
  - Chatfield
  - Rochester Southeast
  - Rochester Southeast - Psychiatry

### East Metro - 21 out of 98 (21%)

- Allina Medical Clinic**
  - Coon Rapids
  - Eagan
  - Farmington
  - First Street
  - Nininger Road
  - Shoreview
  - West St. Paul
  - Woodbury
- Aspen Medical Group**
  - Bandana Square
  - Inver Grove Heights
  - Maplewood
  - White Bear Lake
- Entira Family Clinics**
- Inver Grove Heights
- Maplewood/Battle Creek
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Avenue
- Woodbury
- Fairview Health Services**
  - Ridges
- HealthPartners Clinics**
  - Roseville
- Quello Clinic**
  - Lakeville

### Northeast - 4 out of 24 (17%)

- Essentia Health - East Region**
  - Aurora
  - Deer River
  - Hermantown
  - Hibbing

### West Metro - 11 out of 98 (11%)

- Allina Medical Clinic**
  - Brooklyn Park
  - Champlin
  - Crossroads Shakopee
  - Dean Lakes
  - Nicollet Mall
- Aspen Medical Group**
  - Hopkins
- Boynton Health Service**
- Quello Clinic**
  - Edina

### Central - 3 out of 48 (6%)

- Allina Medical Clinic**
  - Buffalo
  - St. Michael
- CentraCare Health System**
  - Melrose

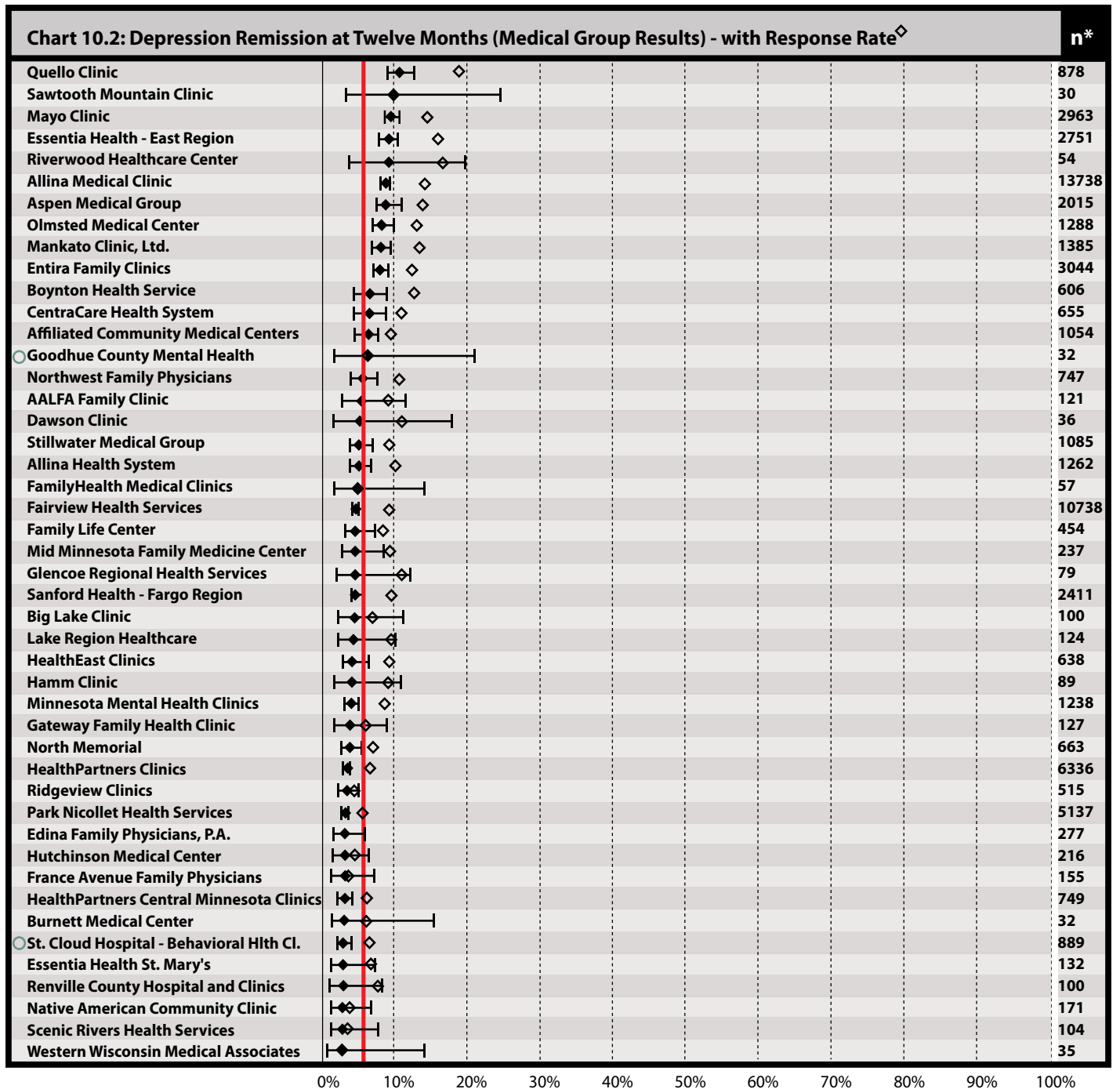
### North Dakota - 0 out of 6 (0%)

### Northwest - 0 out of 7 (0%)

### Southwest - 0 out of 16 (0%)



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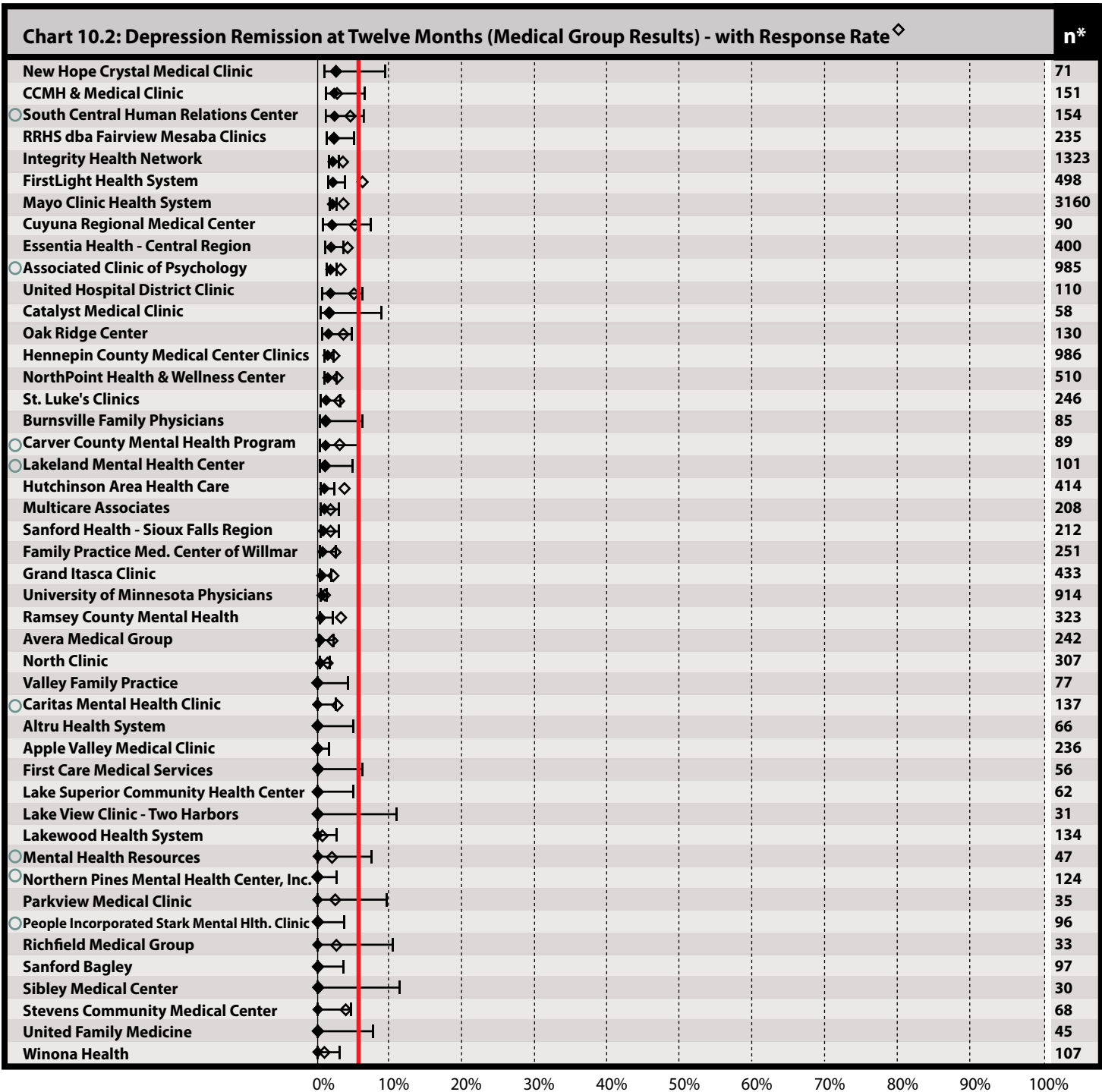


**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

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

MMHC - Minnesota Mental Health Clinics

- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months



**Statewide Average: Remission 6%**  
**Statewide Average: Response 9%**

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

MMHC - Minnesota Mental Health Clinics

- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months



## Performance Highlights - Medical Group Results

### Highest performers in 2013

Clinic results by medical group showed that an average of 6 percent of patients with depression were in remission at 12 months (had a PHQ-9 score of less than five). **Quello Clinic** set the benchmark of 11 percent of depression patients in remission at 12 months. There were eight of 92 medical groups with rates and confidence intervals fully about the medical group level average. The high-performing medical groups are below from high to low:

- Quello Clinic
- Mayo Clinic
- Essentia Health - East Region
- Allina Medical Clinic
- Aspen Medical Group
- Olmsted Medical Center
- Mankato Clinic, Ltd.
- Entira Family Clinics

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Depression Remission at 12 Months (medical group results) was made by Riverwood Healthcare Center, whose score increased by more than 9 percentage points.

### Medical group performance over time (2011-2013)

Not applicable.

Please see next page.

# 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

#### (Results at Medical Group Level)

July 1, 2011 - June 30, 2012 dates of service

This measures the percentage of children ages three months to 18 years of age 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). Appropriate treatment is to not provide an antibiotic, since most URIs are caused by a virus. A higher rate indicates appropriate treatment (i.e., the proportion for whom antibiotics were not prescribed).

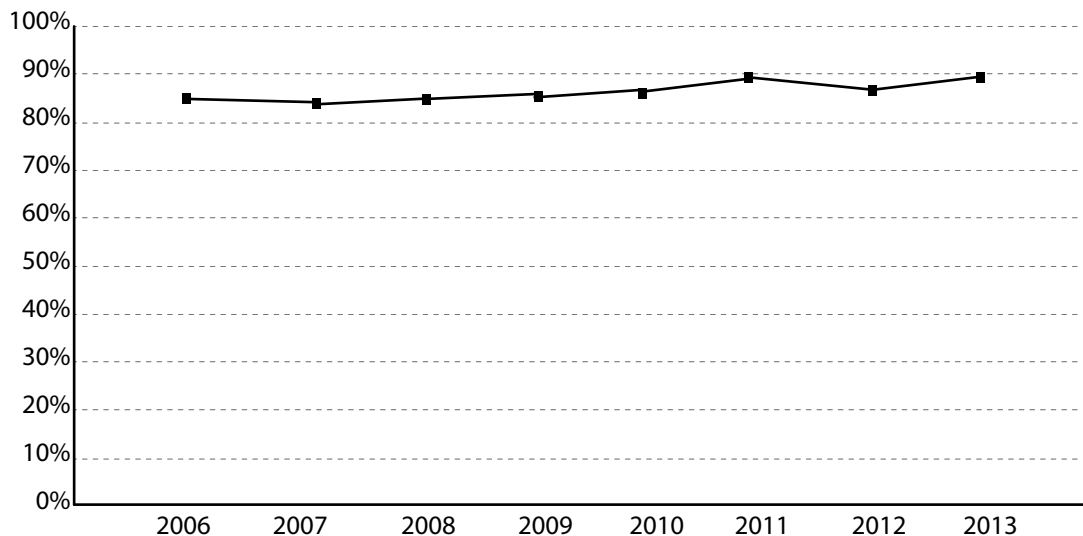
The statewide rate for Appropriate Treatment for Children with URI is 89 percent. Table 11 displays the details of the 2013 rate. Figure 11 shows the Appropriate Treatment for Children with URI over time. Since the 2006 report, the rate has remained relatively stable. Chart 11 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

Data collected for this measure are from health plan claims.

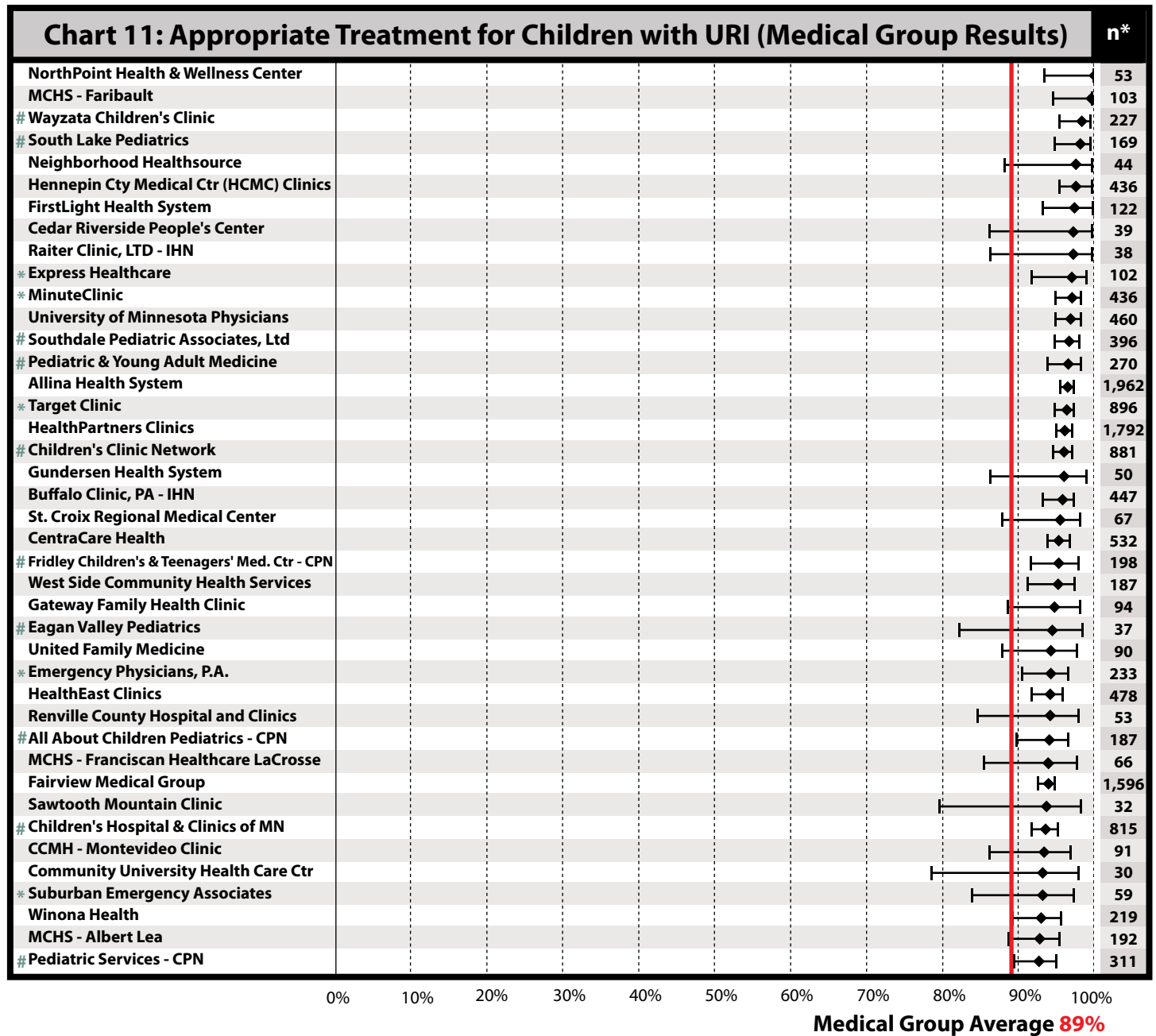
**Table 11: Statewide Rates for Appropriate Treatment for Children with URI**

	Statewide Average	95% CI	Numerator <small>(Patients who were not given an antibiotic prescription)</small>	Denominator
Appropriate Treatment for Children with Upper Respiratory Infection	88.8%	88.5%-89.1%	30,247	34,065

**Figure 11: Statewide 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.



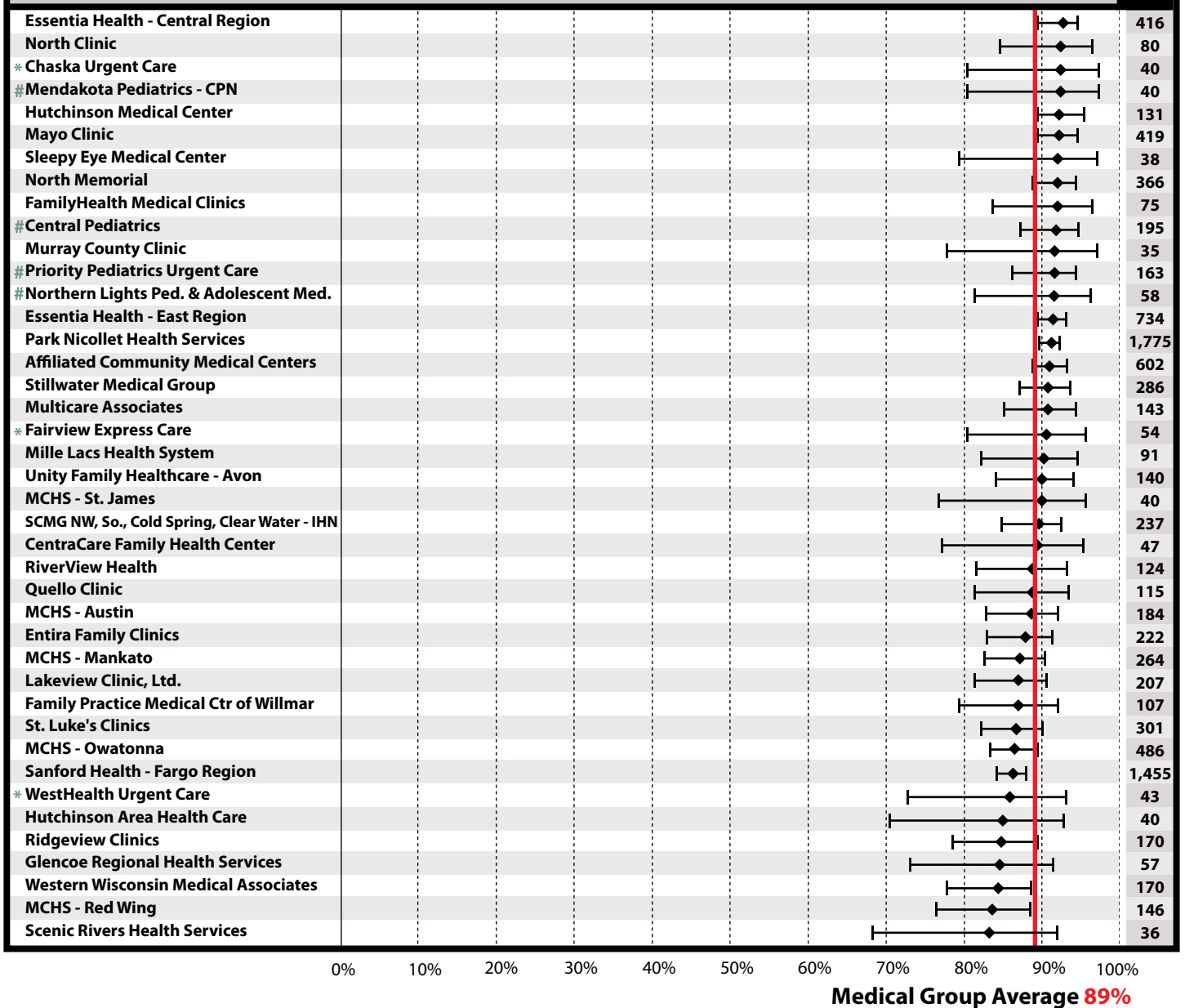
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AMG - Avera Medical Group  
 CPN - Children's Physician Network  
 CCMH - Chippewa County Montevideo Hospital  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

**Chart 11: Appropriate Treatment for Children with URI (Medical Group Results)**

n\*

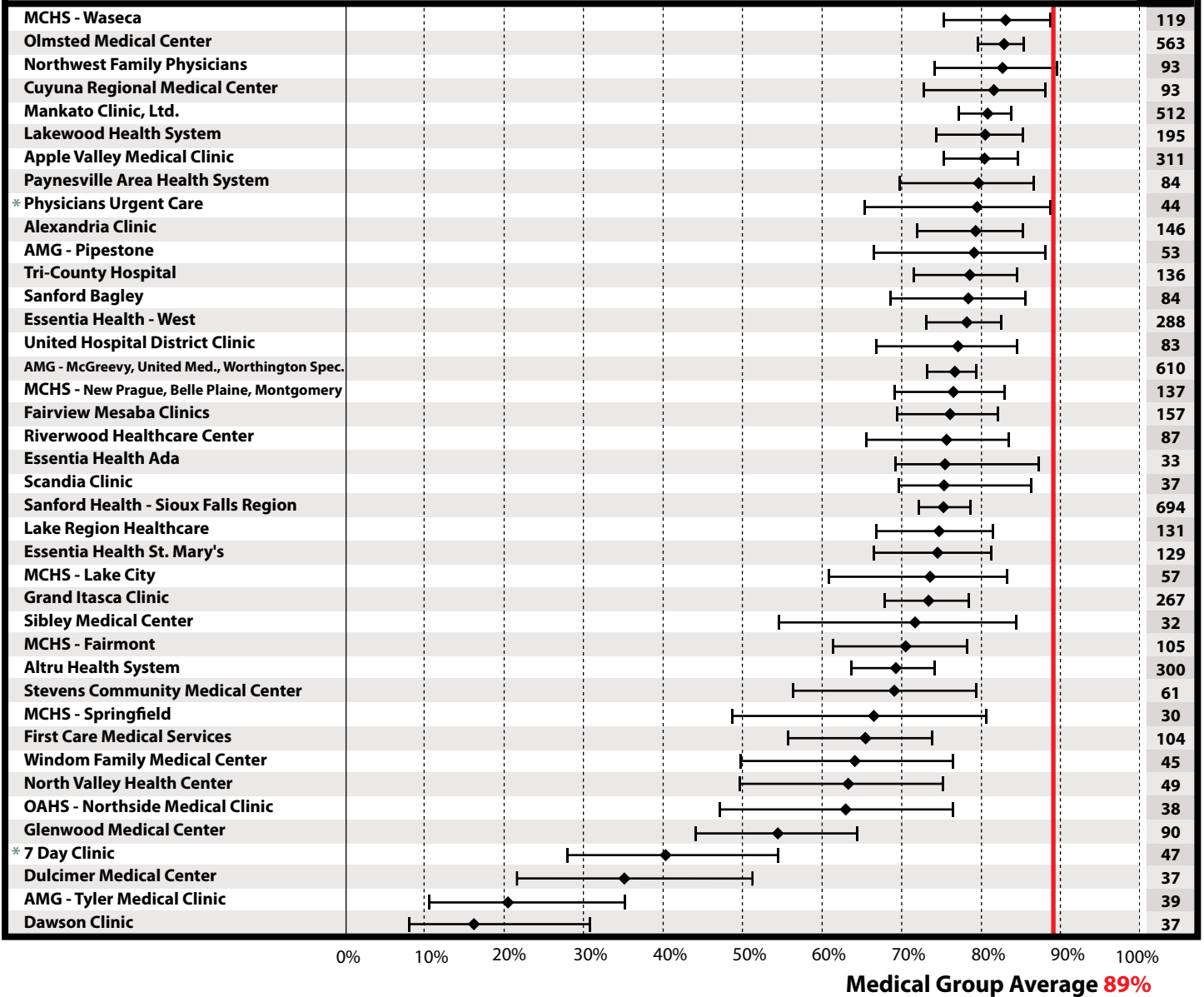


AMG - Avera Medical Group  
 CPN - Children's Physician Network  
 CCMH - Chippewa County Montevideo Hospital  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

**Chart 3: Appropriate Treatment for Children with URI (Medical Group Results)**

n\*



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

AMG - Avera Medical Group  
 CPN - Children's Physician Network  
 CCMH - Chippewa County Montevideo Hospital  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed an average of 89 percent of children ages three months to 18 years, with a diagnosis of URI, were appropriately managed without antibiotics. **NorthPoint Health and Wellness** set the benchmark of 100 percent. Thirty-one of 122 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- NorthPoint Health & Wellness Center
- Mayo Clinic Health System-Faribault
- Wayzata Children's Clinic
- South Lake Pediatrics
- Hennepin County Medical Center (HCMC) Clinics
- FirstLight Health System
- Express Healthcare
- MinuteClinic
- University of Minnesota Physicians
- Southdale Pediatric Associates, Ltd
- Pediatric & Young Adult Medicine
- Allina Health System
- Target Clinic
- HealthPartners Clinics
- Children's Clinic Network
- Buffalo Clinic, PA
- CentraCare Health
- Fridley Children's & Teenagers' Medical Center
- West Side Community Health Services
- Emergency Physicians, P.A.
- HealthEast Clinics
- All About Children Pediatrics
- Fairview Medical Group
- Children's Hospitals & Clinics of Minnesota
- Winona Health
- Pediatric Services
- Essentia Health - Central Region
- Mayo Clinic
- North Memorial
- Essentia Health - East Region
- Park Nicollet Health Services

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Treatment for Children with Upper Respiratory Infection (medical group results) was made by **Dassel Clinic**, whose score increased by more than 22 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### The following 16 medical groups achieved consistently high performance and above-average rates over the past three years for Treatment for Children with Upper Respiratory Infection:

- Allina Health System
- Buffalo Clinic, PA
- CentraCare Health
- Fairview Medical Group
- Fridley Children's & Teenagers' Medical Center
- HealthPartners Clinics
- Hennepin County Medical Center (HCMC) Clinics
- Mayo Clinic Health System-Faribault
- MinuteClinic
- North Memorial
- South Lake Pediatrics
- Southdale Pediatric Associates, Ltd
- Target Clinic
- University of Minnesota Physicians
- Wayzata Children's Clinic
- West Side Community Health Services

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

- Fairview Express Care
- Raiter Clinic, LTD-IHN
- Renville County Hospital and Clinics
- RiverView Health
- St. Croix Regional Medical Center

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

- CentraCare Family Health Center
- Essentia Health Ada
- Glenwood Medical Center
- Mayo Clinic Health System-Fairmont
- Northwest Family Physicians
- Physicians Urgent Care
- Stevens Community Medical Center
- United Hospital District Clinic

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

- Allina Health System
- Apple Valley Medical Clinic
- Buffalo Clinic, PA
- Entira Family Clinics
- Fridley Children's & Teenagers' Medical Center
- Gateway Family Health Clinic
- Gundersen Health System
- HealthPartners Clinics
- Hennepin County Medical Center
- (HCMC) Clinics
- Hutchinson Medical Center
- Mayo Clinic Health System-Faribault
- Neighborhood Healthsource
- North Memorial
- Park Nicollet Health Services
- Pediatric Services Priority Pediatrics Urgent Care
- South Lake Pediatrics
- Southdale Pediatric Associates, Ltd
- Stillwater Medical Group
- Suburban Emergency Associates
- Wayzata Children's Clinic
- West Side Community Health Services
- Winona Health

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



Please See Next Page

# Care that is Proven to Work: GETTING BETTER MEASURES

## Appropriate Testing for Children with Pharyngitis

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

July 1, 2011 - June 30, 2012 dates of service

This measures the percentage of children 2-18 years of age with pharyngitis (sore throat) 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). Since pharyngitis may be caused by a virus, best practice is to test for strep when ordering an antibiotic. A higher rate represents better performance (i.e., appropriate testing).

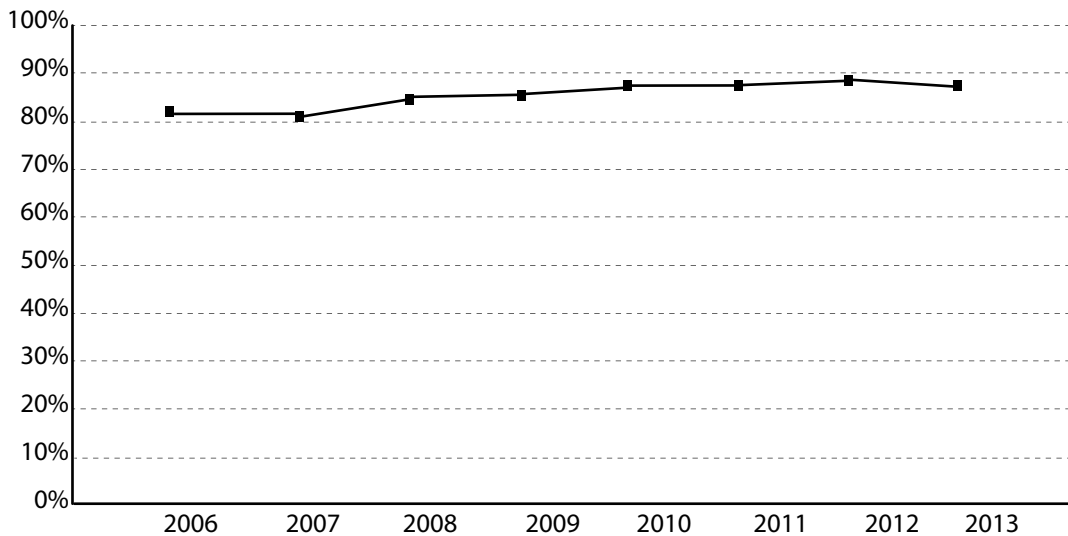
The statewide rate for Appropriate Testing for Children with Pharyngitis is 88 percent. Table 12 displays the details of the 2013 rate. Figure 12 shows the Appropriate Testing for Children with Pharyngitis over time. Since the 2006 report, the rate has increased. Chart 12 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with medical group average (the bold line).

Data collected for this measure are from health plan claims.

**Table 12: Statewide Rate for Appropriate Testing for Children with Pharyngitis**

	Statewide Average	95% CI	Numerator (Patients who recieved an antibiotic and Group A test)	Denominator
Appropriate Testing for Children with Pharyngitis	88.7%	88.3%-89.0%	27,056	30,513

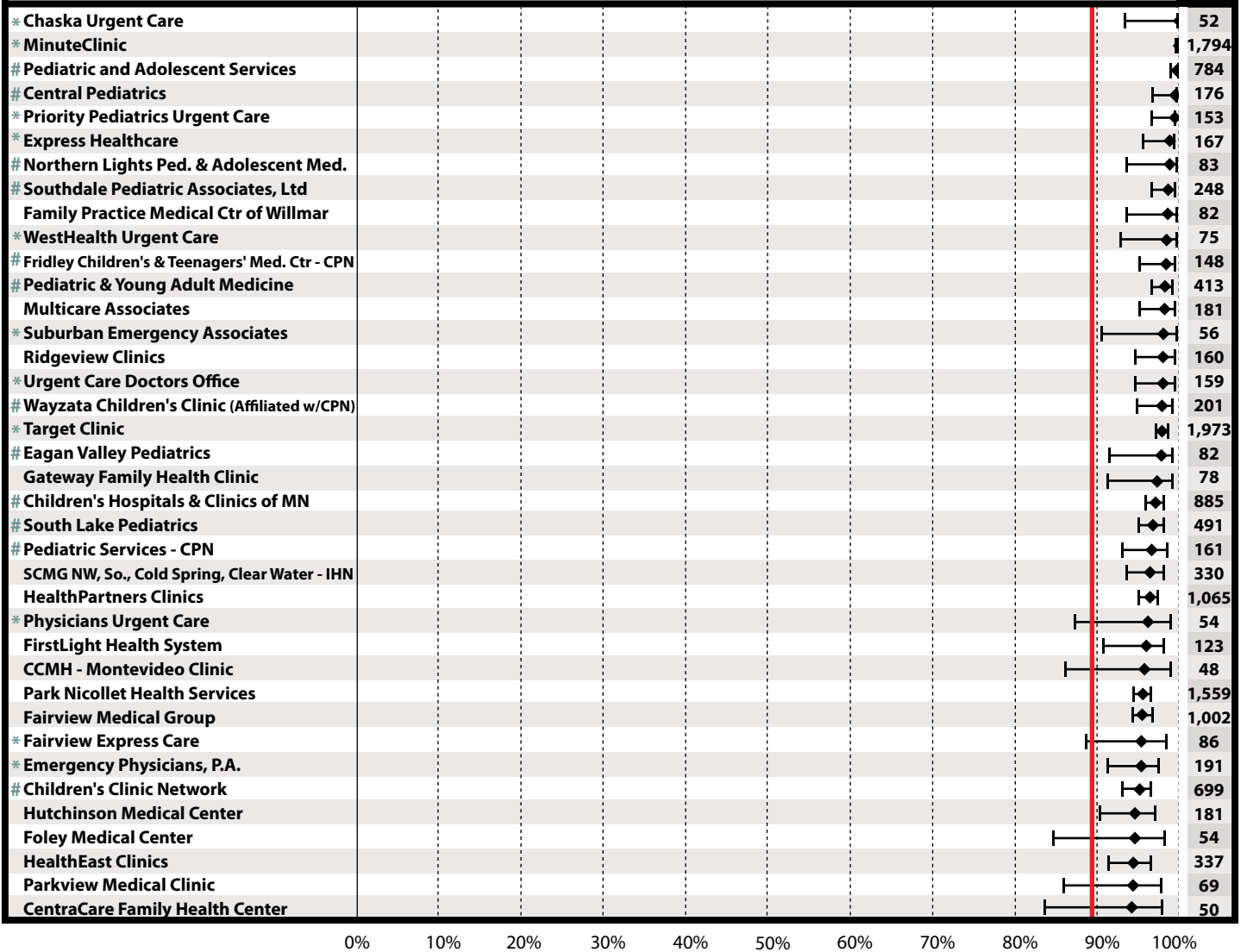
**Figure 12: Statewide Rates for Appropriate Testing for Children with Pharyngitis Over Time**



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 12: Appropriate Testing for Children with Pharyngitis (Medical Group Results)**

n\*

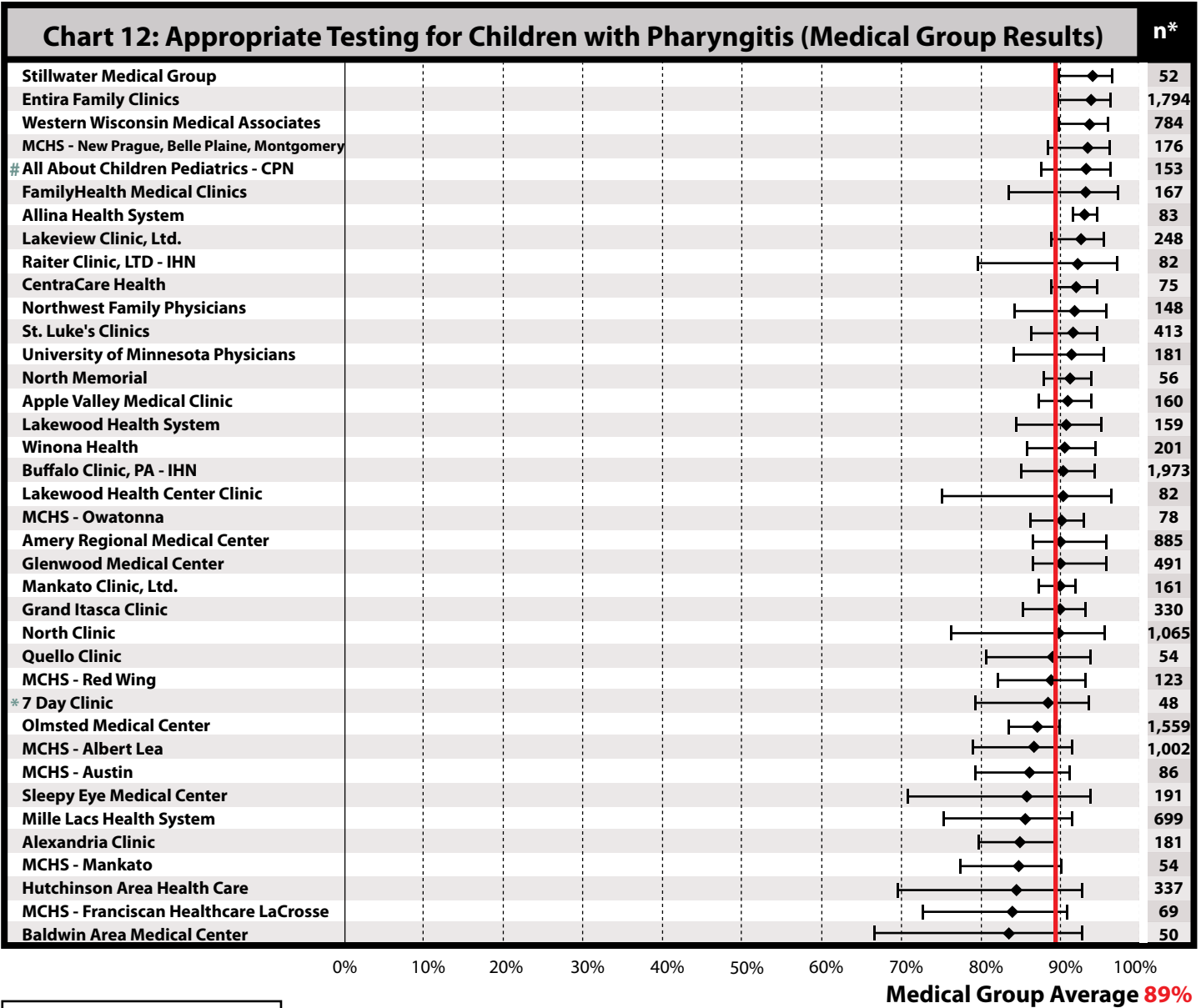


**Medical Group Average 89%**

AMG - Avera Medical Group  
 CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 SCMG - St. Cloud Medical Group

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

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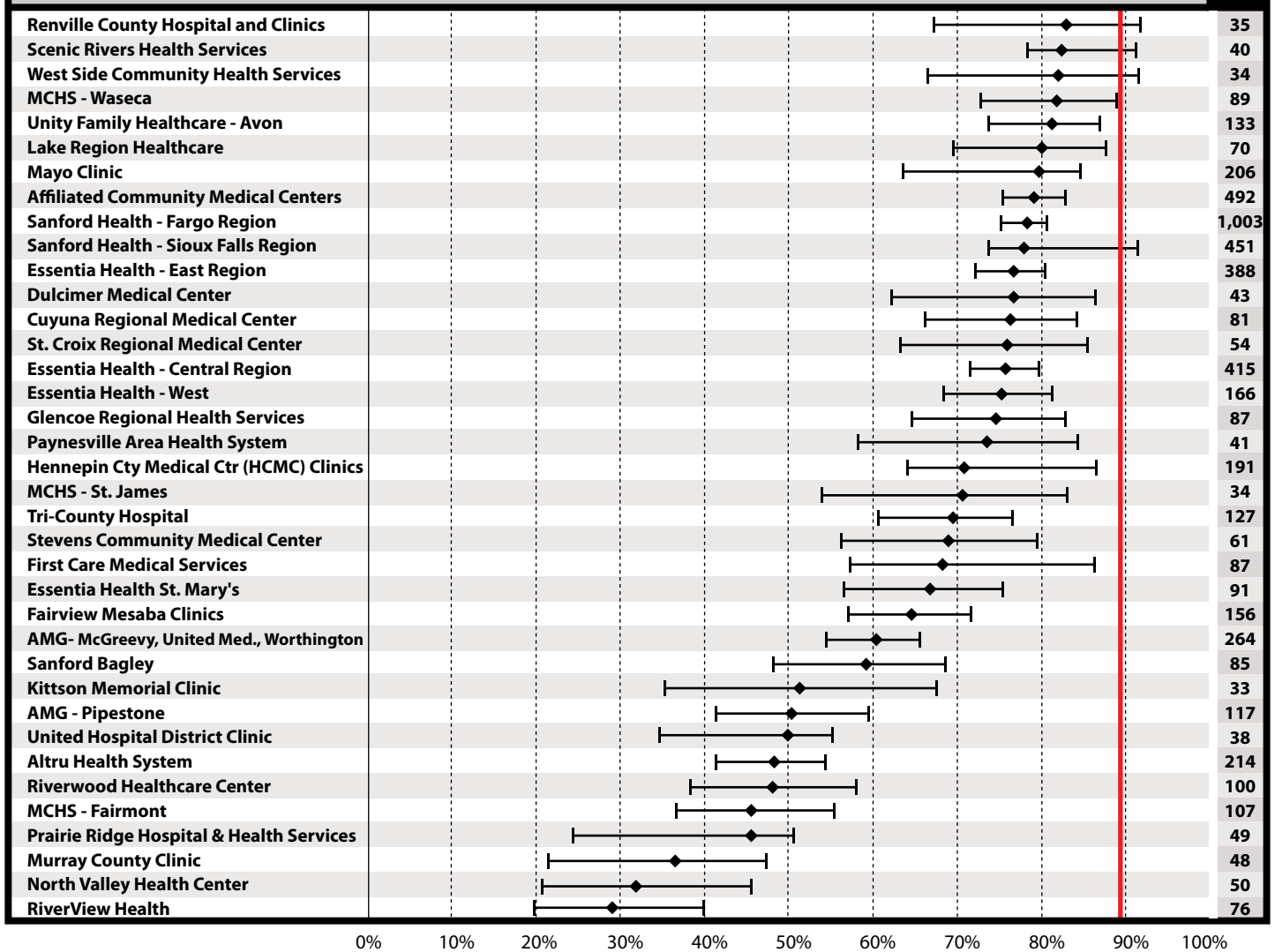


AMG - Avera Medical Group  
 CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 SCMG - St. Cloud Medical Group

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

**Chart 12: Appropriate Testing for Children with Pharyngitis (Medical Group Results)**

n\*



**Medical Group Average 89%**

AMG - Avera Medical Group  
 CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 SCMG - St. Cloud Medical Group

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

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## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 89 percent of children 2-18 years of age who were diagnosed with pharyngitis were appropriately dispensed an antibiotic and received a strep test. **Chaska Urgent Care** set the benchmark of 100 percent. Thirty-nine of 113 medical groups had rates and confidence intervals fully above the medical group average. These groups are below from high to low performance.

- Chaska Urgent Care
- MinuteClinic
- Pediatric and Adolescent Services
- Central Pediatrics
- Priority Pediatrics Urgent Care
- Express Healthcare
- Northern Lights Pediatric and Adolescent Medicine
- Southdale Pediatric Associates, Ltd
- Family Practice Medical Center of Willmar
- WestHealth Urgent Care
- Fridley Children's & Teenagers' Medical Center
- Pediatric & Young Adult Medicine
- Multicare Associates
- Suburban Emergency Associates
- Ridgeview Clinics
- Urgent Care Doctors Office
- Wayzata Children's Clinic
- Target Clinic
- Eagan Valley Pediatrics
- Gateway Family Health Clinic
- Children's Hospitals & Clinics of Minnesota
- South Lake Pediatrics
- Pediatric Services
- St. Cloud Medical Group NW, So.,  
Cold Spring, Clear Water - IHN
- HealthPartners Clinics
- FirstLight Health System
- Park Nicollet Health Services
- Fairview Medical Group
- Emergency Physicians, P.A.
- Children's Clinic Network
- Hutchinson Medical Center
- HealthEast Clinics
- Stillwater Medical Group
- Entira Family Clinics
- Western Wisconsin Medical Associates
- Allina Health System
- CentraCare Health
- Buffalo Clinic
- Lakeview Clinic, Ltd.

### Biggest improvement from 2012-2013

The greatest improvements since report year 2011 in Appropriate Testing for Children with Pharyngitis (medical group results) was made by **Mayo Clinic Health System - Owatonna**, which had a 33 percentage point increase.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### The following 24 medical groups achieved consistently high performance and above-average rates over the past three years for Appropriate Testing for Children with Pharyngitis:

- CentraCare Health
- Central Pediatrics
- Chaska Urgent Care
- Eagan Valley Pediatrics
- Express Healthcare
- Fairview Medical Group
- Family Practice Medical Center of Willmar
- Fridley Children's & Teenagers' Medical Center
- HealthPartners Clinics
- MinuteClinic
- Multicare Associates
- Northern Lights Pediatric and Adolescent Medicine
- Park Nicollet Health Services
- Pediatric & Young Adult Medicine
- Pediatric and Adolescent Services
- Pediatric Services - Children's Physician Network
- Priority Pediatrics Urgent Care
- South Lake Pediatrics
- Southdale Pediatric Associates, Ltd
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- Target Clinic
- Urgent Care Doctors Office
- Wayzata Children's Clinic
- WestHealth Urgent Care

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

- 7 Day Clinic
- Affiliated Community Medical Centers
- Cuyuna Regional Medical Center
- Gateway Family Health Clinic
- Hutchinson Medical Center
- Mayo Clinic Health System-Austin
- Mayo Clinic Health System-New Prague, Belle Plaine, Montgomery
- Mille Lacs Health System
- Ridgeview Clinics
- Riverwood Healthcare Center
- Stevens Community Medical Center

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

- Glencoe Regional Health Services
- Hennepin County Medical Center (HCMC) Clinics
- West Side Community Health Services

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

- Alexandria Clinic
- All About Children Pediatrics
- CentraCare Health
- Central Pediatrics
- Essentia Health - West
- Express Healthcare
- Fairview Express Care
- Fairview Medical Group
- Family Practice Medical Center of Willmar
- Fridley Children's & Teenagers' Medical Center
- Glenwood Medical Center
- Lakeview Clinic, Ltd.
- Mayo Clinic
- MinuteClinic
- Multicare Associates
- Park Nicollet Health Services
- Pediatric & Young Adult Medicine
- Pediatric and Adolescent Services
- Pediatric Services
- Priority Pediatrics Urgent Care
- Raiter Clinic, LTD-IHN
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- Target Clinic
- Urgent Care Doctors Office
- Wayzata Children's Clinic
- WestHealth Urgent Care
- Winona Health

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

Please See Next Page



# 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 (Results at Medical Group Level)

July 1 - December 31, 2012 dates of service

This 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 indicates appropriate treatment of adults with bronchitis (i.e., the proportion for whom antibiotics were not prescribed).

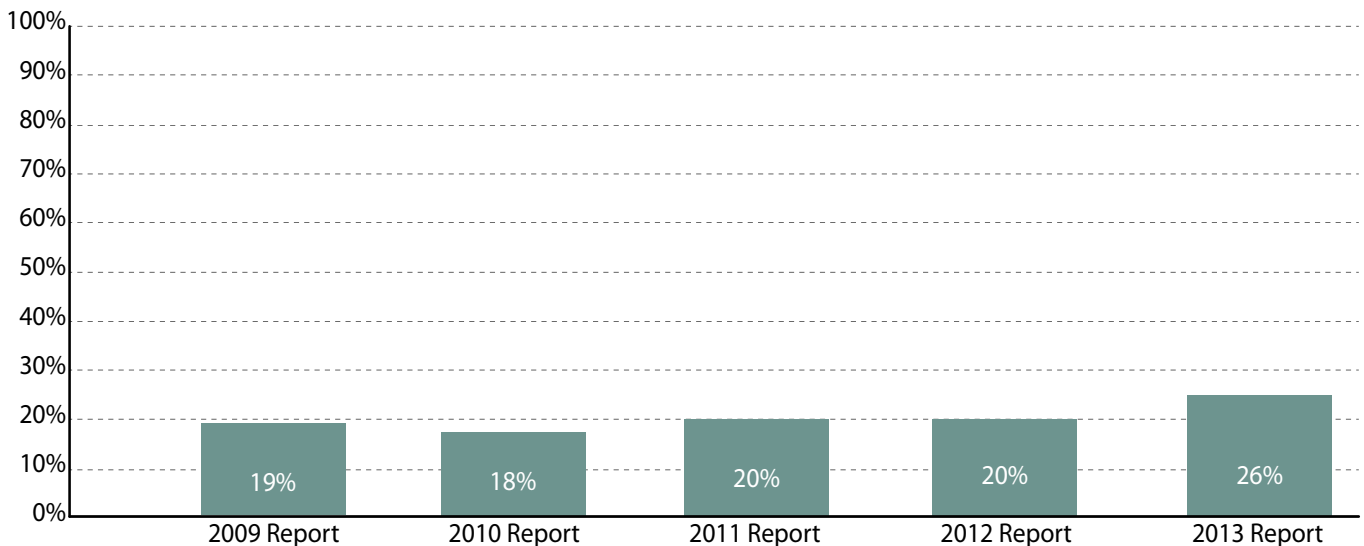
The statewide rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis is 26 percent. Table 13 displays the details of the 2013 rate. Figure 13 displays the statewide rates over time. The rate has increased since 2011. Chart 13 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

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

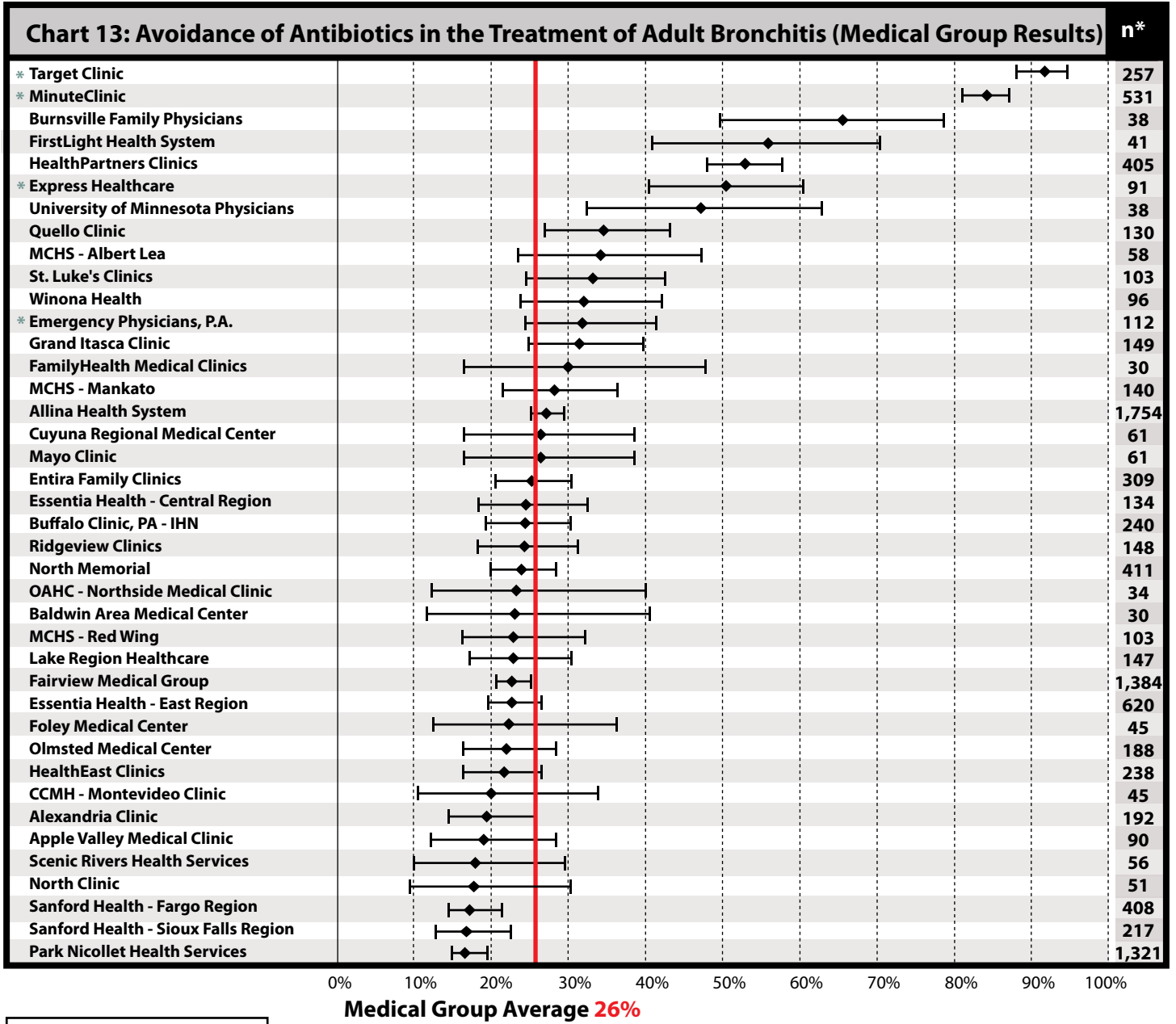
**Table 13: Statewide Rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis**

	Statewide Average	95% CI	Numerator (Patients who did not receive an antibiotic)	Denominator
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	25.6%	25.0%-26.3%	4,340	16,938

**Figure 13: Statewide Rates 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.

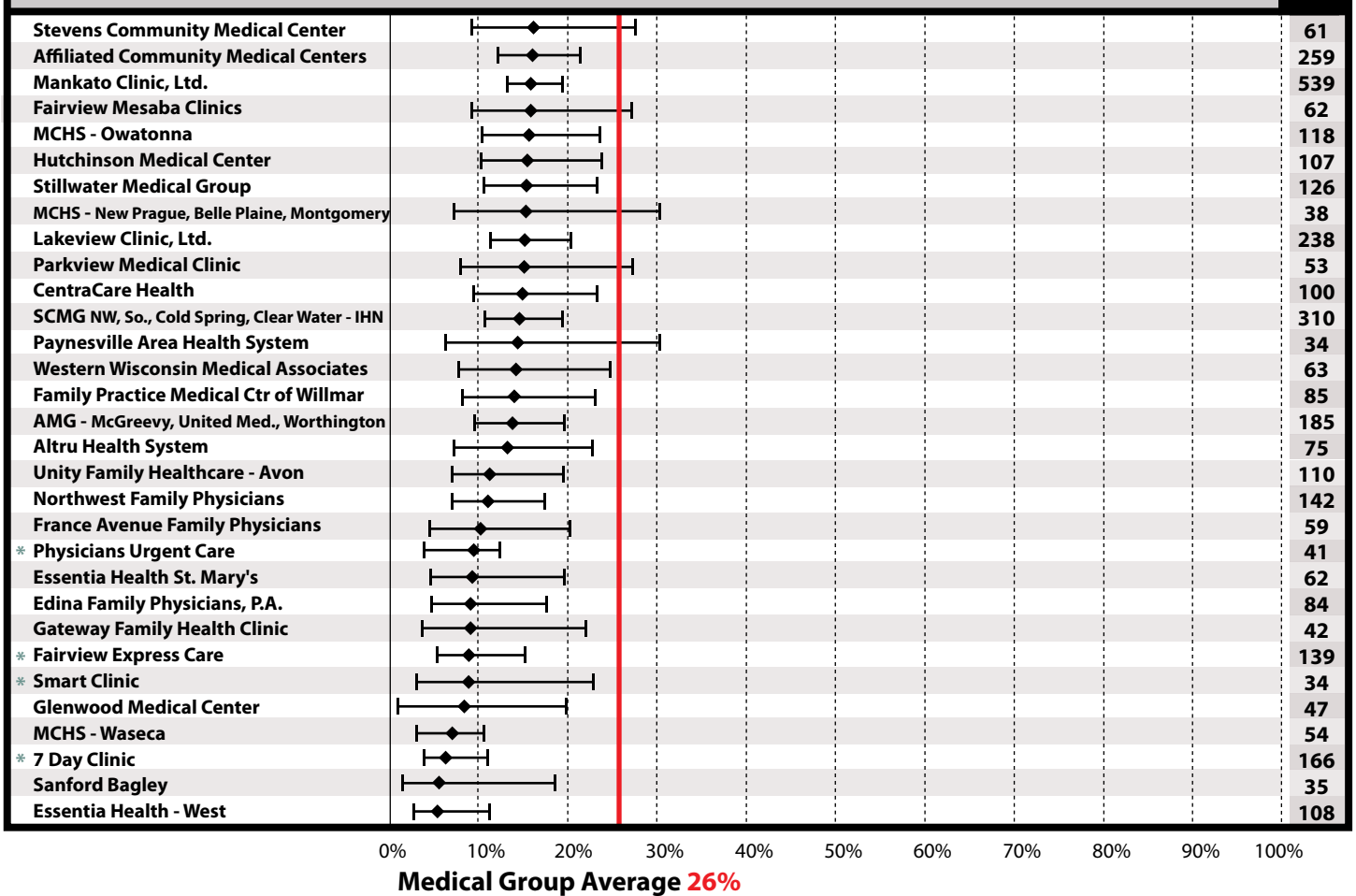


AMG - Avera Medical Group  
 CCMH - Chippewa County Montevideo Hospital  
 MCHS - Mayo Clinic Health System  
 OAHC - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

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**Chart 13: Avoidance of Antibiotics in the Treatment of Adult Bronchitis (Medical Group Results)** n\*



AMG - Avera Medical Group  
 CCMH - Chippewa County Montevideo Hospital  
 MCHS - Mayo Clinic Health System  
 OAHC - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 26 percent of adults 18-64 years of age who were diagnosed with acute bronchitis were appropriately treated and not prescribed an antibiotic. **Target Clinic** set the benchmark of 92 percent. Eight out of 71 medical groups had rates and confidence intervals fully above the medical group average. These groups are below from high to low.

- Target Clinic
- MinuteClinic
- Burnsville Family Physicians
- FirstLight Health System
- HealthPartners Clinics
- Express Healthcare
- University of Minnesota Physicians
- Quello Clinic

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Avoidance of Antibiotics in the Treatment of Adult Bronchitis (medical group results) was made by **Central Lakes Medical Clinic - IHN**, whose score increased by more than 20 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following six medical groups achieved consistently high performance and above-average rates over the past three years for Avoidance of Antibiotics in the Treatment of Adult Bronchitis:**

- Burnsville Family Physicians
- Express Healthcare
- HealthPartners Clinics
- MinuteClinic
- Target Clinic
- University of Minnesota Physicians

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

- Burnsville Family Physicians
- Emergency Physicians, P.A.
- Essentia Health - Central Region
- Family Practice Medical Center of Willmar
- FamilyHealth Medical Clinics
- HealthPartners Clinics
- Mayo Clinic Health System-Albert Lea
- MinuteClinic
- Olmsted Medical Center
- Park Nicollet Health Services
- Quello Clinic
- Stevens Community Medical Center

#### **Zero groups showed consistent decreases over three years.**

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

- Edina Family Physicians, P.A.
- Entira Family Clinics
- Glenwood Medical Center
- Mayo Clinic
- Unity Family Healthcare - Avon

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

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# Results by Measure

## *Care that is Proven to Work: STAYING HEALTHY MEASURES*

### **Section Contents**

- **Breast Cancer Screening** – Measures the percentage of women ages 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 were up to date with appropriate colorectal cancer screening exams. Appropriate exams include colonoscopy, sigmoidoscopy, or fecal blood tests.
- **Chlamydia Screening in Women** – Measures the percentage of sexually active women ages 16-24 who had at least one test for chlamydia infection during the measurement year.
- **Childhood Immunization Status (Combo 3)** – Measures the percentage of two-year old children who had four DTaP/DT, three IPV, one MMR, three 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.
- **Immunizations for Adolescents** – Measures the percentage of 13 year-olds who had received one dose of meningococcal vaccine and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) by their 13th birthday.

# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Breast Cancer Screening

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

January 1- December 31, 2012 dates of service

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 73 percent. Table 14 displays the details of the 2013 rate. Figure 14 shows the Breast Cancer Screening rate over time. Since the 2004 report, this rate had remained relatively stable. 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 (the bold line).

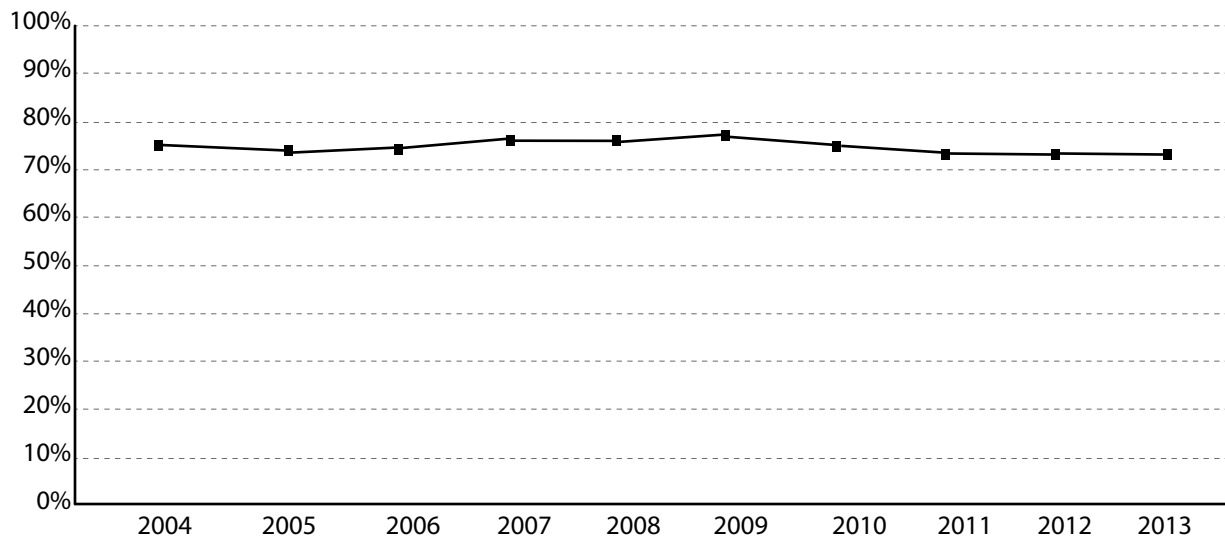
Data for this measure are collected from health plan claims.

**Table 14: Statewide Rate for Breast Cancer Screening\***

	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Breast Cancer Screening	72.6%	72.5%-72.8%	214,828	295,864

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

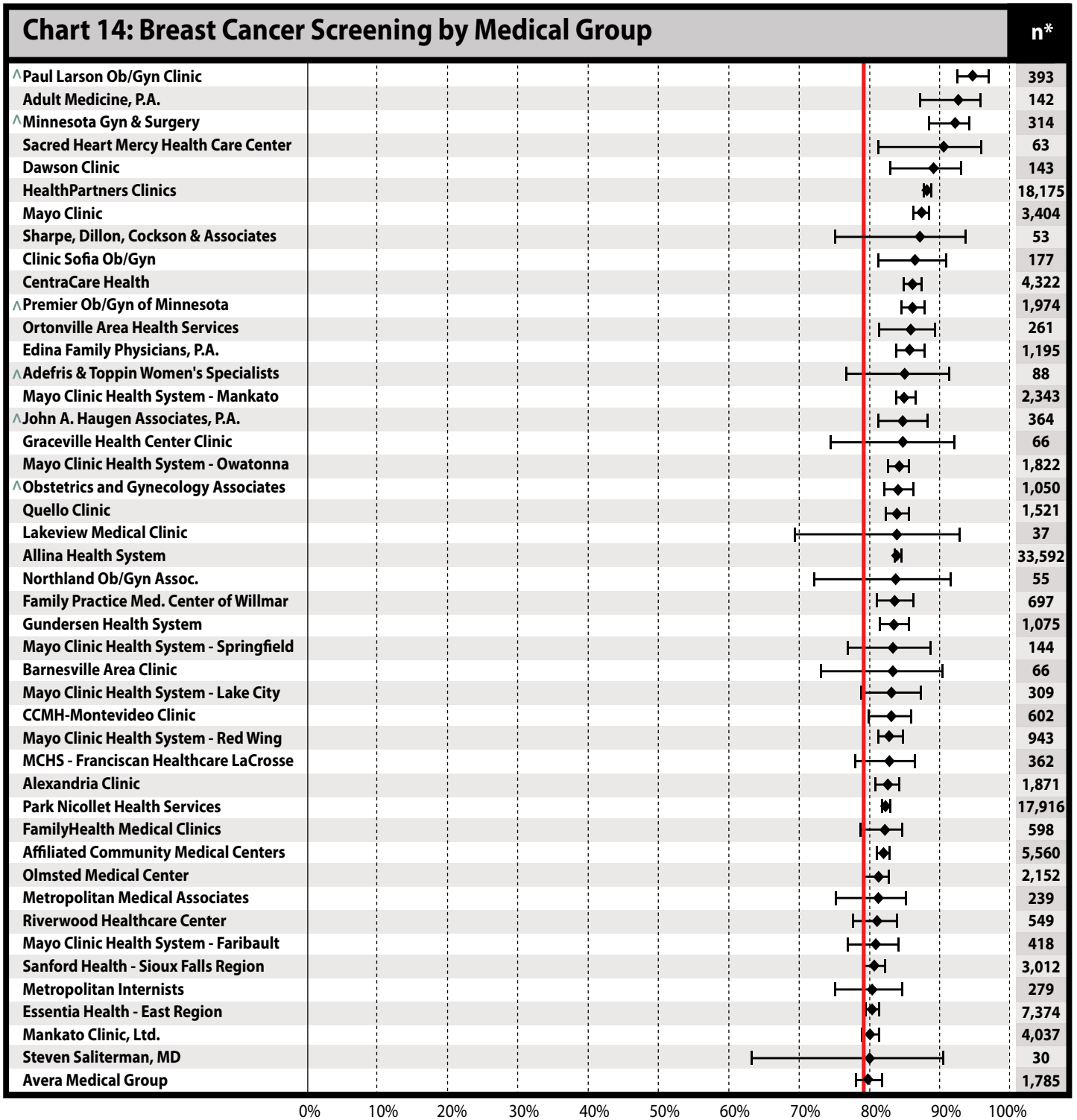
**Figure 14: Statewide Rates for Breast Cancer Screening Over Time**



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



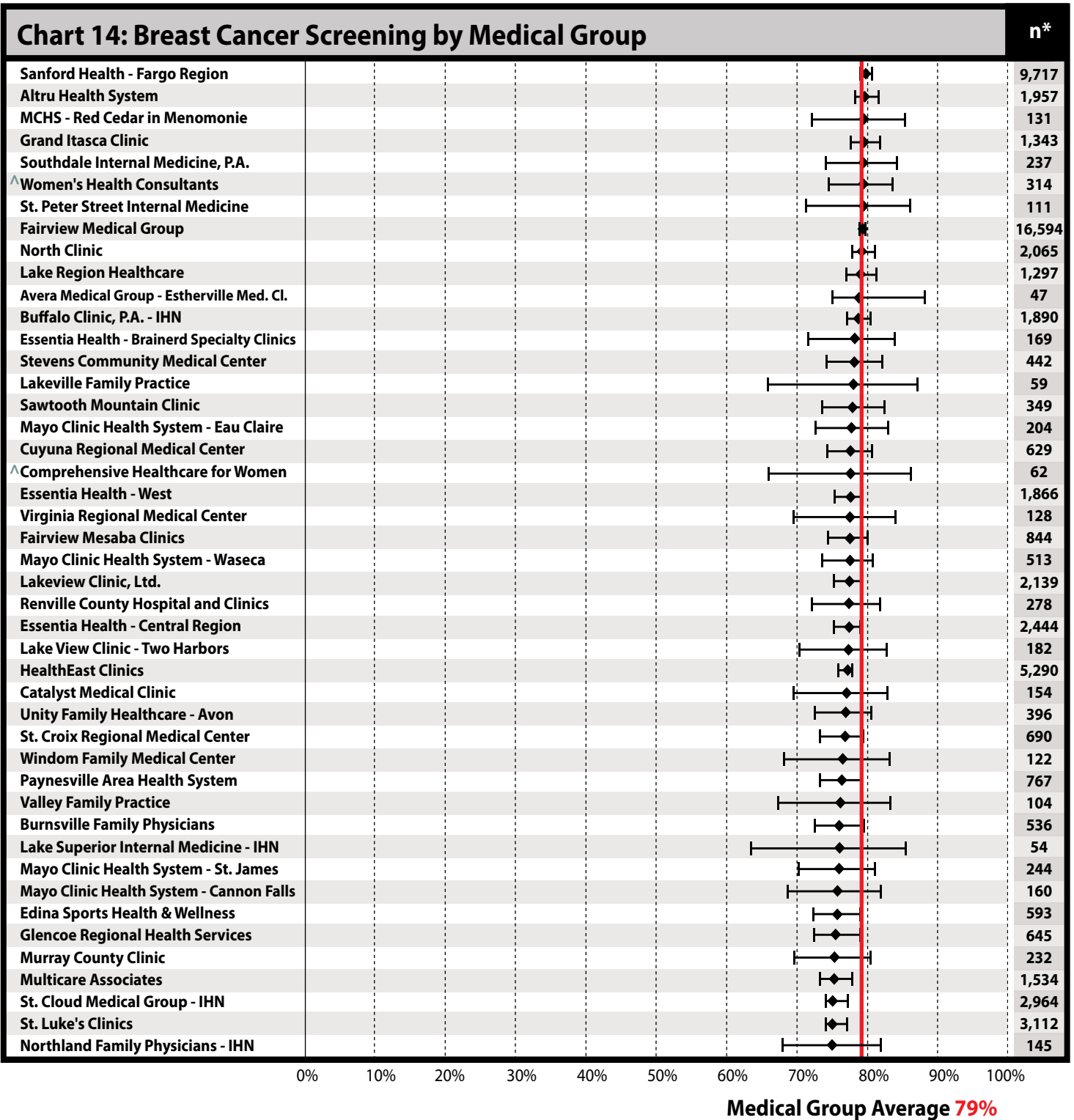
### Chart 14: Breast Cancer Screening by Medical Group



Medical Group Average 79%

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

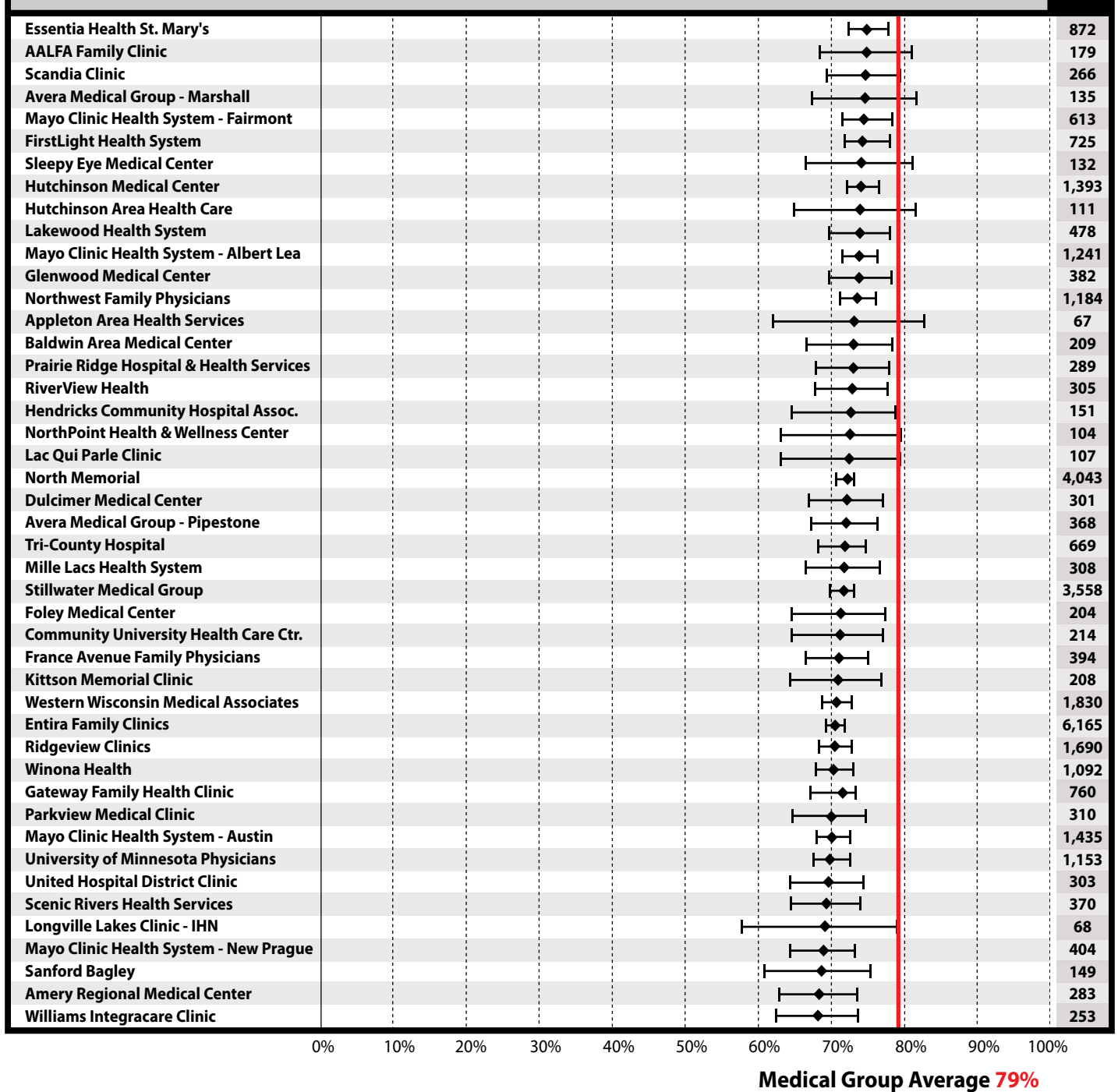
\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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



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

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

**Chart 14: Breast Cancer Screening by Medical Group**



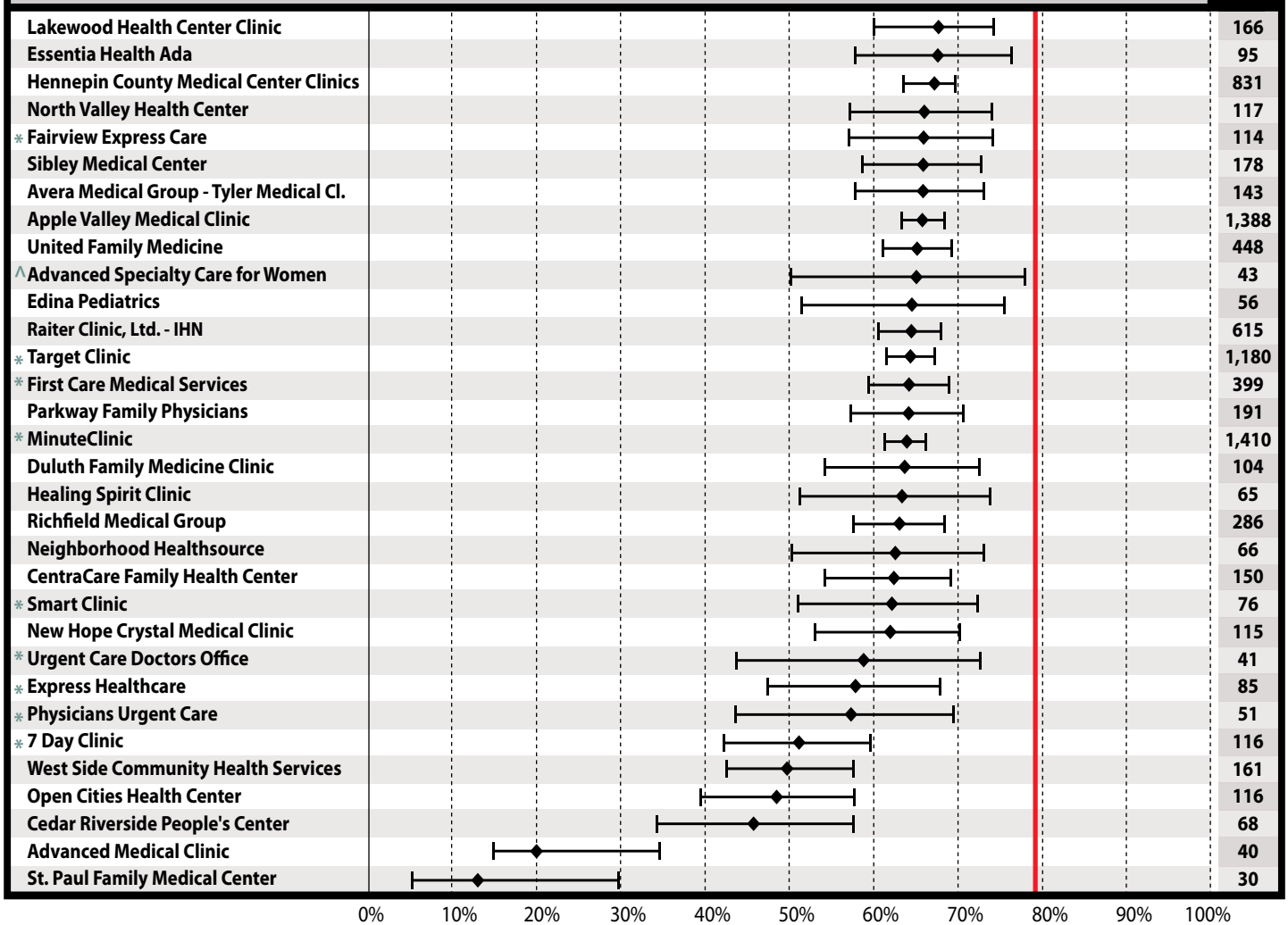
▲ OB/GYN \* Urgent Care |——| Lower Confidence Level/Upper Confidence Level n\* = sample size

Staying Healthy

\* 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 14: Breast Cancer Screening by Medical Group**

n\*



Medical Group Average **79%**

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

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

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 79 percent of women 52-69 years of age had a mammogram. **Paul Larson OB/GYN Clinic** set the benchmark of 95 percent. Twenty-seven of 167 medical groups had rates and confidence intervals fully above the medical group average. These groups are below from high to low.

- Paul Larson Ob/Gyn Clinic
- Adult Medicine, PA
- Minnesota Gyn & Surgery
- Sacred Heart Mercy Health Care Center
- Dawson Clinic
- HealthPartners Clinics
- Mayo Clinic
- Clinic Sofia Ob/Gyn
- CentraCare Health
- Premier OB/GYN of Minnesota
- Ortonville Area Health Services-Northside Medical
- Edina Family Physicians, P.A.
- Mayo Clinic Health System - Mankato
- John A. Haugen Associates, PA
- Mayo Clinic Health System-Owatonna
- Obstetrics and Gynecology Associates
- Quello Clinic
- Allina Health System
- Family Practice Medical Center of Willmar
- Gundersen Health System
- CCMH-Montevideo Clinic
- Mayo Clinic Health System - Red Wing
- Alexandria Clinic
- Park Nicollet Health Services
- Affiliated Community Medical Centers
- Olmsted Medical Center
- Essentia Health - East Region

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Breast Cancer Screening (medical group results) was made by **Cedar Riverside People's Center**, whose score increased by more than 15 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below and listed in alphabetical order.

#### **The following 15 medical groups achieved consistently high performance and above-average rates over the past three years for Breast Cancer Screening:**

- Adult Medicine, PA
- Affiliated Community Medical Centers
- Alexandria Clinic
- Allina Health System
- CentraCare Health
- Clinic Sofia Ob/Gyn
- Edina Family Physicians, P.A.
- Gundersen Health System
- HealthPartners Clinics
- John A. Haugen Associates, PA
- Mayo Clinic
- Obstetrics and Gynecology Associates
- Park Nicollet Health Services
- Paul Larson Ob/Gyn Clinic
- Quello Clinic

#### **Ten medical groups showed consistent improvement over three years:**

- 7 Day Clinic
- Baldwin Area Medical Center
- Express Healthcare
- Fairview Express Care
- Lake View Clinic - Two Harbors
- Lakeville Family Practice
- Mille Lacs Health System
- MinuteClinic
- NorthPoint Health & Wellness Center
- United Family Medicine

#### **Five groups showed consistent decreases over three years:**

- Comprehensive Healthcare for Women
- Duluth Family Medicine Clinic
- Parkview Medical Clinic
- Scenic Rivers Health Services
- West Side Community Health Services

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

- Adefris & Toppin Women's Specialists
- Adult Medicine, PA
- Affiliated Community Medical Centers
- Alexandria Clinic
- Allina Health System
- Buffalo Clinic, PA
- Catalyst Medical Clinic
- CentraCare Health
- Clinic Sofia Ob/Gyn
- Community Unive. Health Care Center
- Edina Family Physicians, P.A.
- Edina Sports Health & Wellness
- Entira Family Clinics
- Essentia Health - East Region
- France Avenue Family Physicians
- Gundersen Health System
- HealthEast Clinics
- HealthPartners Clinics
- Hutchinson Medical Center
- John A. Haugen Associates, PA
- Kittson Memorial Clinic
- Mayo Clinic Health System-Austin
- Mayo Clinic Health System-Fairmont
- Mayo Clinic Health System-Faribault
- Metropolitan Medical Associates
- North Clinic
- North Memorial
- Olmsted Medical Center
- Park Nicollet Health Services
- Paul Larson Ob/Gyn Clinic
- Quello Clinic
- Sanford Health - Sioux Falls Region
- St Peter Street Internal Medicine
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- St. Croix Regional Medical Center
- St. Luke's Clinics
- Stillwater Medical Group
- Unity Family Healthcare - Avon
- University of Minnesota Physicians
- Winona Health

#### **One hundred ten medical groups did not have a discernable pattern over three years.**

Please See Next Page

# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Cervical Cancer Screening

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

January 1 - December 31, 2012 dates of service

This measures the percentage of women 24-64 years of age 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 72 percent. Table 15 displays the details of the 2013 rate. Figure 15 shows the Cervical Cancer Screening rate over time. Since the 2004 report, the rate has decreased. 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 (the bold line).

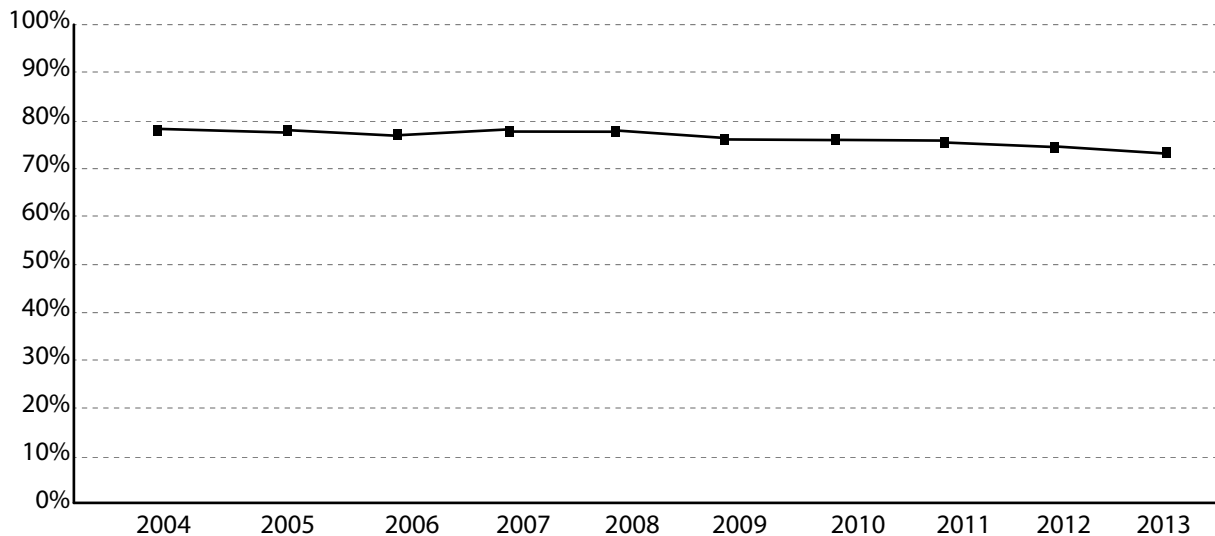
Data for this measure are collected from health plan claims.

**Table 15: Statewide Rate for Cervical Cancer Screening\***

	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Cervical Cancer Screening	72.2%	72.1%-72.4%	317,946	440,256

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

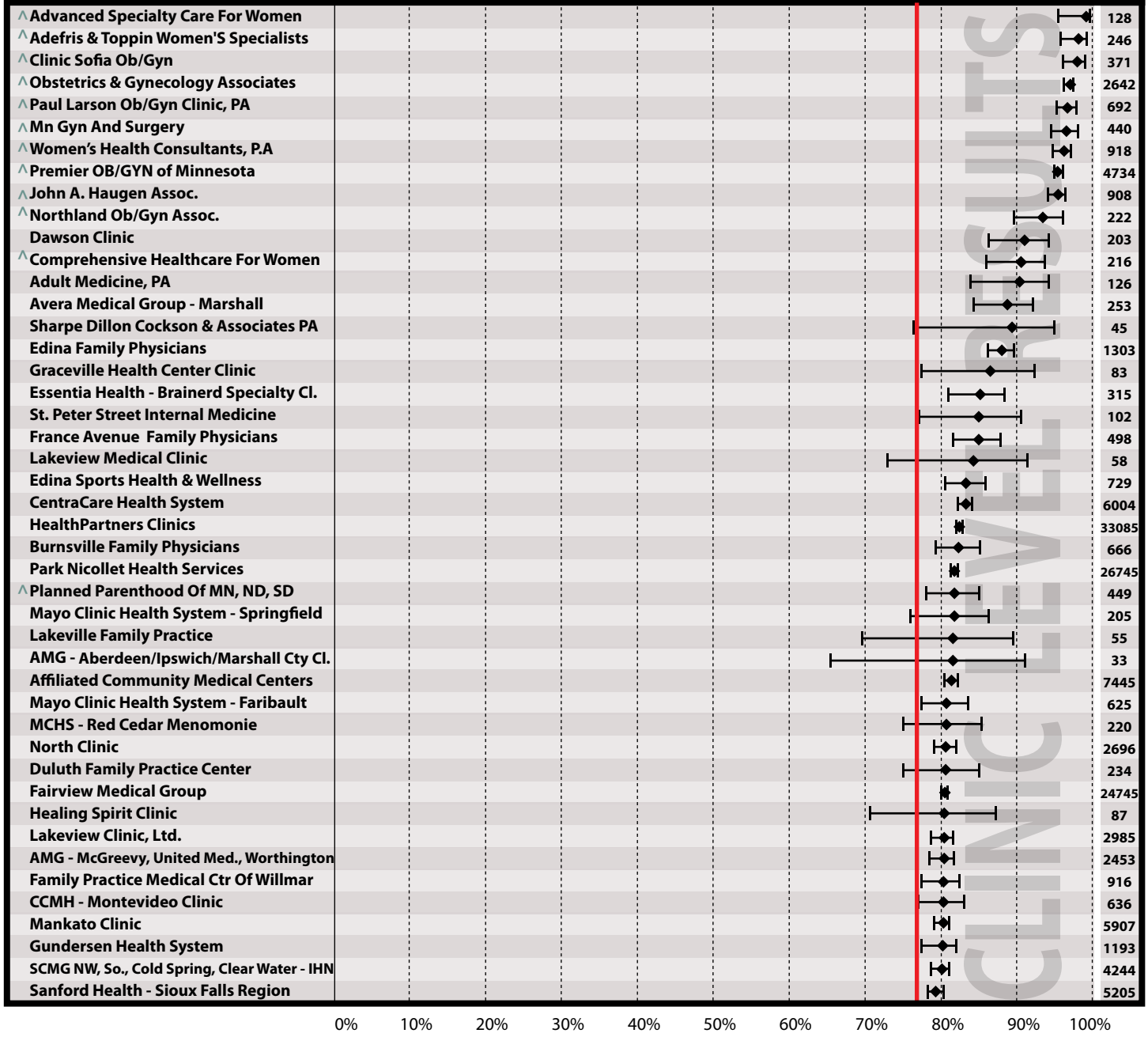
**Figure 15: Statewide Rates for Cervical Cancer Screening Over Time**



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.



**Chart 15: Cervical Cancer Screening (Medical Group Results)**

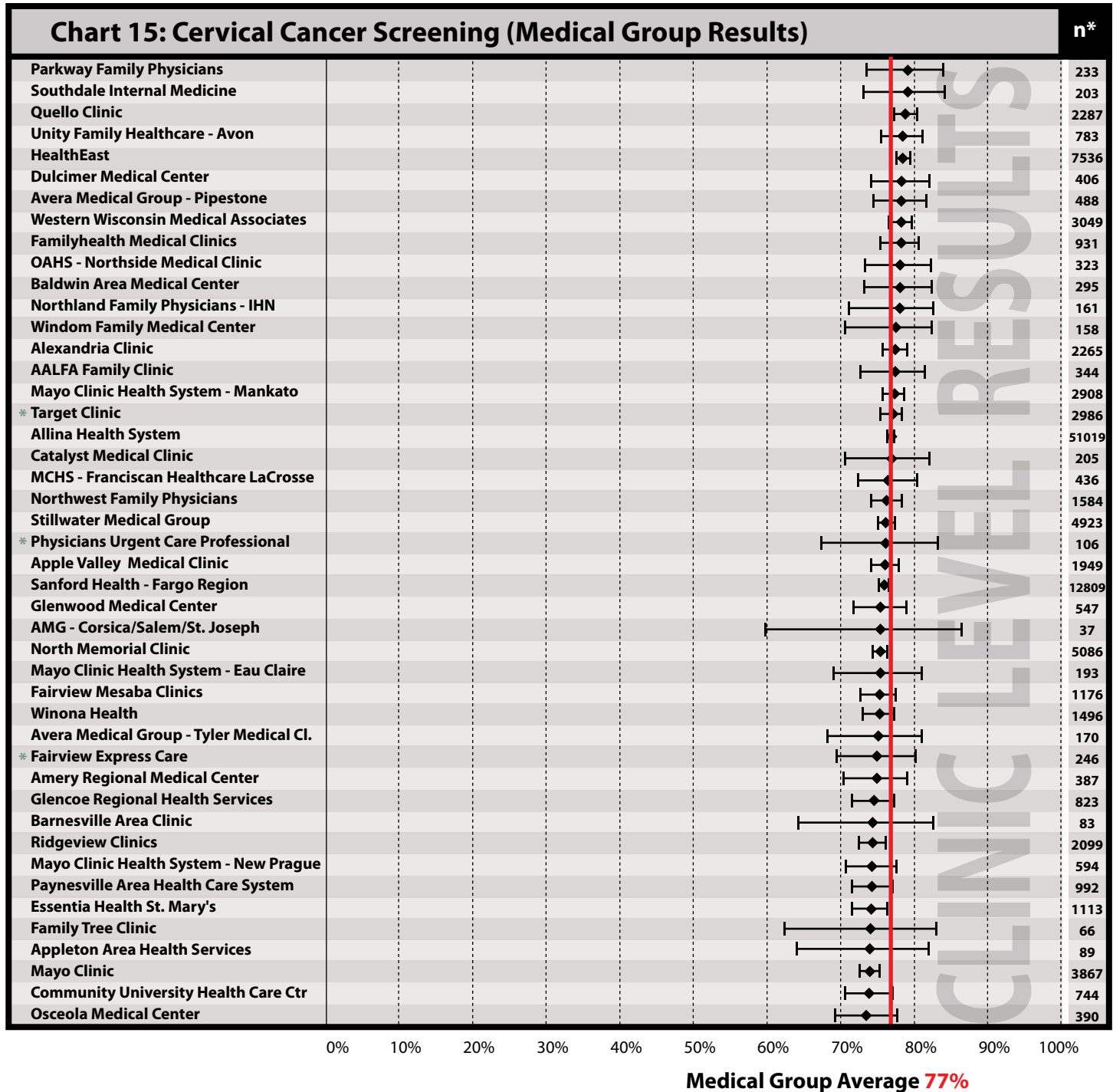


AMG - Avera Medical Group  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHs - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

Medical Group Average **77%**

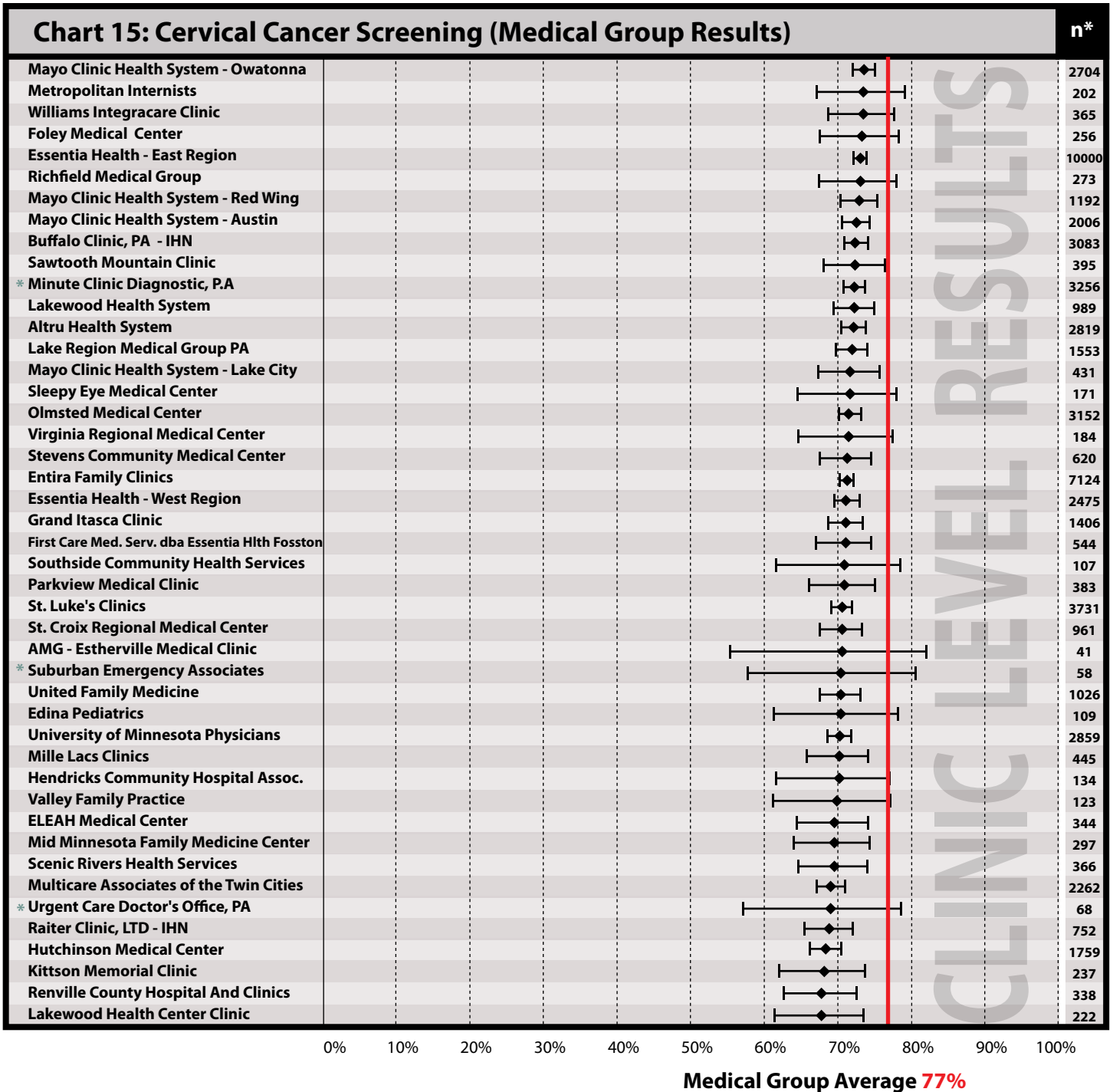
\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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



AMG - Avera Medical Group  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

\* 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.

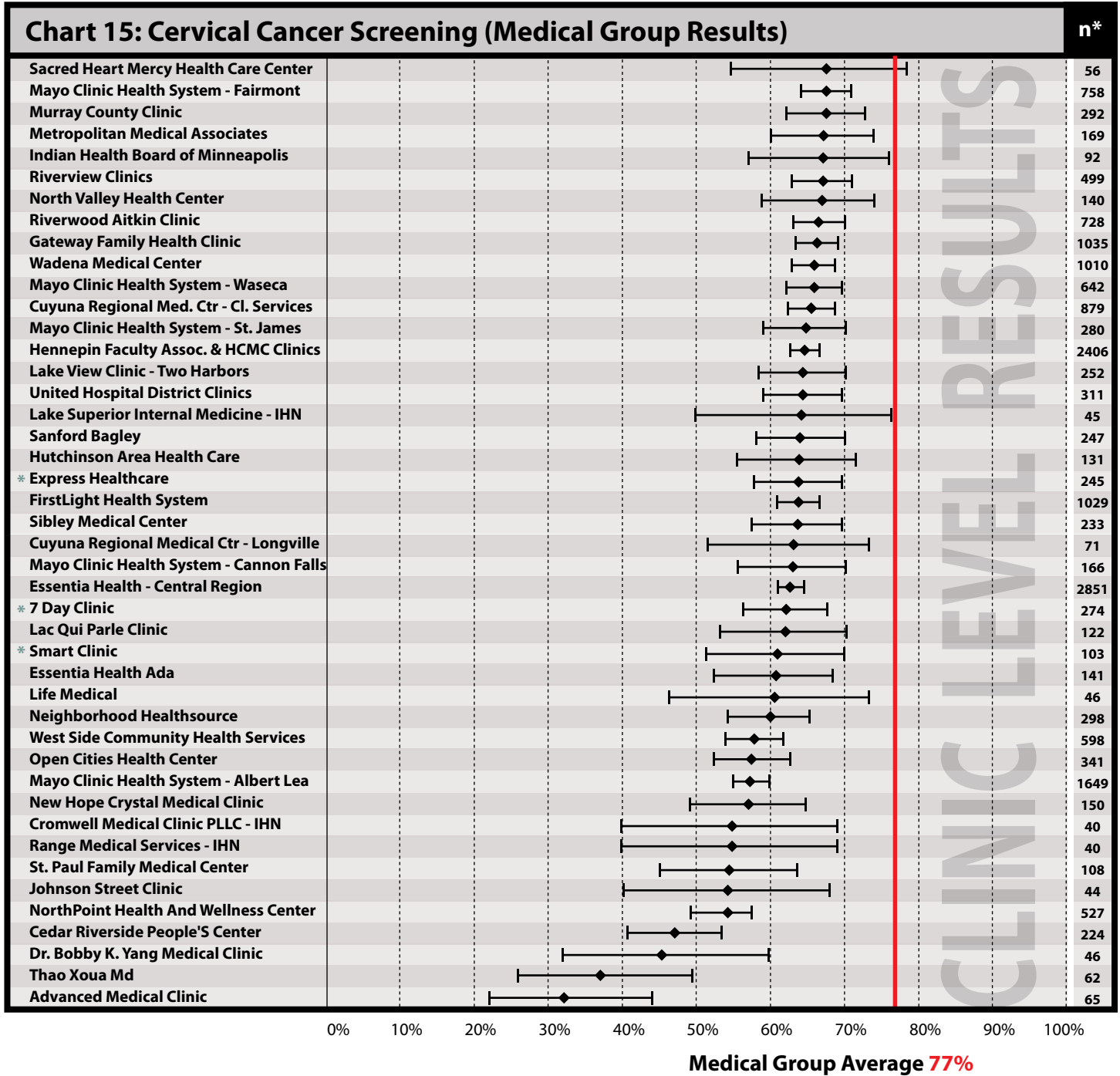


AMG - Avera Medical Group  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

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

Staying Healthy

\* 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.



AMG - Avera Medical Group  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System  
 OAHS - Ortonville Area Health Services  
 SCMG - St. Cloud Medical Group

\* 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 Results

### Highest performers in 2013

Medical group results showed that an average of 77 percent of women ages 24-64 had a pap test in the past three years. **Advanced Specialty Care for Women** set the benchmark of 99 percent. Thirty-six of 179 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Advanced Specialty Care for Women
- Adefris & Toppin Women's Specialists
- Clinic Sofia Ob/Gyn
- Obstetrics and Gynecology Associates
- Paul Larson Ob/Gyn Clinic
- Minnesota Gyn & Surgery
- Women's Health Consultants
- Premier OB/GYN of Minnesota
- John A. Haugen Associates, PA
- Northland Ob/Gyn Assoc.
- Dawson Clinic
- Comprehensive Healthcare for Women
- Adult Medicine, PA
- Avera Medical Group- Marshall
- Edina Family Physicians, P.A.
- Graceville Health Center Clinic
- Essentia Health - Brainerd Specialty Clinics
- France Avenue Family Physicians
- Edina Sports Health & Wellness
- CentraCare Health
- HealthPartners Clinics
- Burnsville Family Physicians
- Park Nicollet Health Services
- Planned Parenthood of MN, ND, SD
- Affiliated Community Medical Centers
- Mayo Clinic Health System-Faribault
- North Clinic
- Fairview Medical Group
- Lakeview Clinic, Ltd.
- Avera Medical Group- McGreevy Clinic, United Medical Center, Worthington Speciality Clinic
- Family Practice Medical Center of Willmar
- Mankato Clinic, Ltd.
- Gundersen Health System
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- Sanford Health - Sioux Falls Region
- HealthEast Clinics

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Cervical Cancer Screening (medical group results) were made by **Lakeview Family Practice** with a score that increased by more than 11 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following 24 medical groups achieved consistently high performance and above-average rates over the past three years for Cervical Cancer Screening:**

- Adefris & Toppin Women'S Specialists
- Adult Medicine, PA
- Advanced Specialty Care For Women
- Affiliated Community Medical Centers
- Burnsville Family Physicians
- CentraCare Health System
- Clinic Sofia Ob/Gyn
- Comprehensive Healthcare For Women
- Dawson Clinic
- Edina Family Physicians
- Edina Sports Health & Wellness
- Fairview Medical Group
- France Avenue Family Physicians
- HealthEast
- HealthPartners Clinics
- John A. Haugen Assoc.
- North Clinic
- Northland Ob-Gyn Assoc.
- Obstetrics & Gynecology Associates
- Park Nicollet Health Services
- Paul Larson Ob-Gyn Clinic, PA
- Planned Parenthood of MN, ND, SD
- Sanford Health - Sioux Falls Region
- Women's Health Consultants, P.A

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

- Fairview Express Care
- Physicians Urgent Care Professional

#### **Twelve medical groups showed consistent decreases over three years:**

- Buffalo Clinic, PA (Buffalo, Albertville-St. Michael, Monticello) - IHN
- Community University Health Care Center
- Cuyuna Regional Medical Center- Clinic Services
- Dulcimer Medical Center
- Essentia Health St. Mary's
- Mayo Clinic Health System- Cannon Falls
- Multicare Associates of the Twin Cities
- Neighborhood Healthsource
- NorthPoint Health And Wellness Center
- St. Croix Regional Medical Center
- St. Paul Family Medical Center
- University of Minnesota Physicians

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013) - continued

**Forty-one medical groups had rates that were relatively stable over three years:**

- 7 Day Clinic
- Adefris & Toppin Women’S Specialists
- Advanced Specialty Care For Women
- Affiliated Community Medical Centers
- Amery Regional Medical Center
- Burnsville Family Physicians
- Catalyst Medical Clinic
- CCMH-Montevideo Clinic
- CentraCare Health System
- Clinic Sofia Ob/Gyn
- Edina Family Physicians
- Essentia Health- East Region
- Fairview Medical Group
- Family Practice Medical Center Of Willmar
- Gateway Family Health Clinic
- Gundersen Health System
- Hutchinson Medical Center
- Kittson Memorial Clinic
- Lakeview Clinic, Ltd.
- Life Medical
- Mankato Clinic
- Mayo Clinic
- Mayo Clinic Health System- Austin
- Mayo Clinic Health System- Owatonna
- Mid Minnesota Family Medicine Center
- Murray County Clinic
- North Clinic
- North Memorial Clinic
- Northland Family Physicians-IHN
- Northwest Family Physicians
- Obstetrics & Gynecology Associates
- Olmsted Medical Center
- Parkway Family Physicians
- Paul Larson Ob-Gyn Clinic, PA
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water - IHN
- St. Luke’s Clinics
- Stillwater Medical Group
- Unity Family Healthcare - Avon
- Western Wisconsin Medical Associates
- Winona Health
- Women’s Health Consultants, P.A

**One hundred ten medical groups did not have a discernable pattern over three years.**

Please See Next Page



# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Colorectal Cancer Screening

### Colorectal Cancer Screening (Results at Clinic and Medical Group Level)

July 1, 2012 - June 30, 2013 dates of service

This measures the percentage of adults ages 51-75 who are up to date with the appropriate screening for colorectal cancer. Appropriate screenings for purposes of this measure include one of the following:

- Fecal occult blood test (FOBT) during the measurement year OR
- Flexible sigmoidoscopy during the measurement year or the four years prior OR
- Colonoscopy during the measurement year or the nine years prior.

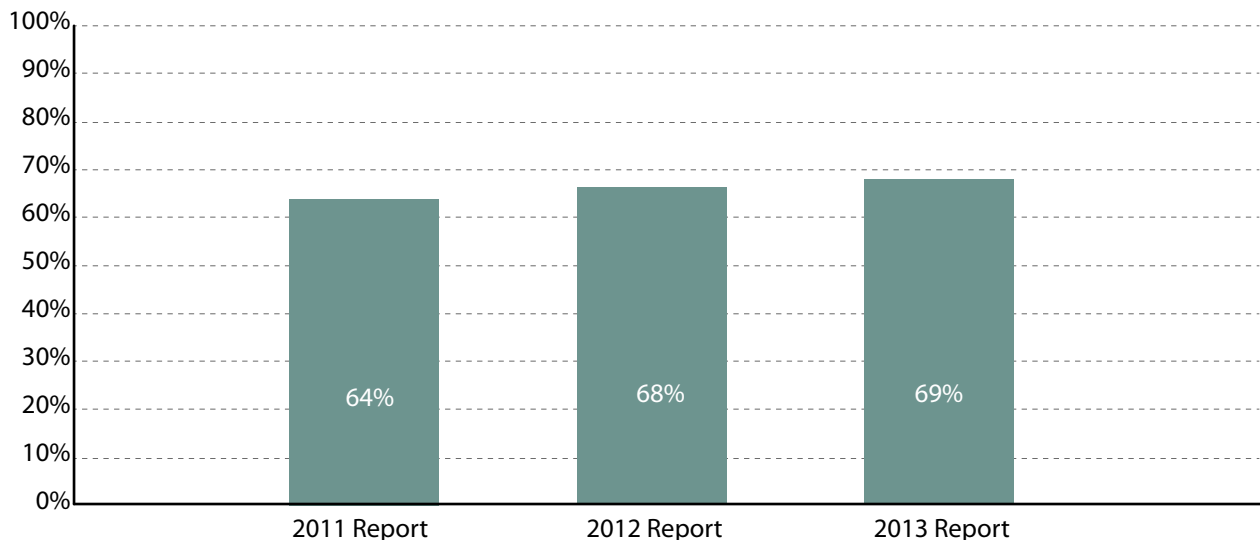
The statewide rate for Colorectal Cancer Screening is 69 percent. Table 16 displays the details of this statewide rate. Figure 16 displays the statewide rate over time. Chart 16.1 provides the rates for clinic results from highest to lowest along with the statewide average (bold black line). Chart 16.2 provides the clinic results rolled up by medical group and are sorted by medical group from highest to lowest along with the average (the bold line). If a medical group only has one clinic, the clinic result is the same as the medical group result.

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

**Table 16: Statewide Rate for Colorectal Cancer Screening**

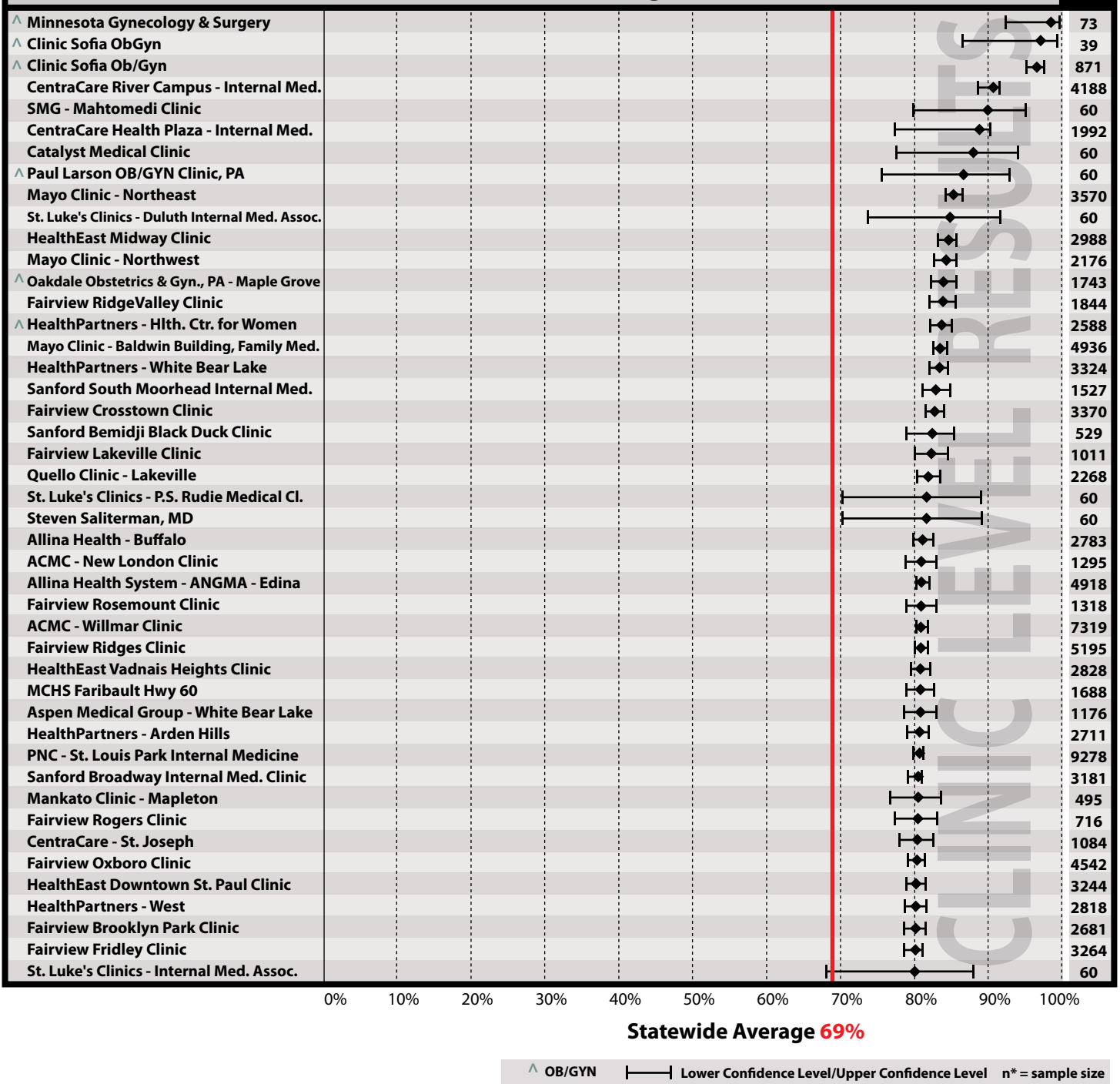
	Statewide Average (Weighted)	95% CI	Numerator (Patients who were screened)	Denominator (Patients Sampled)	Total Eligible
Colorectal Cancer Screening	68.8%	68.7%-68.9%	662,932	962,122	1,079,937

**Table 16: Statewide Rates for Colorectal Cancer Screening Over Time**

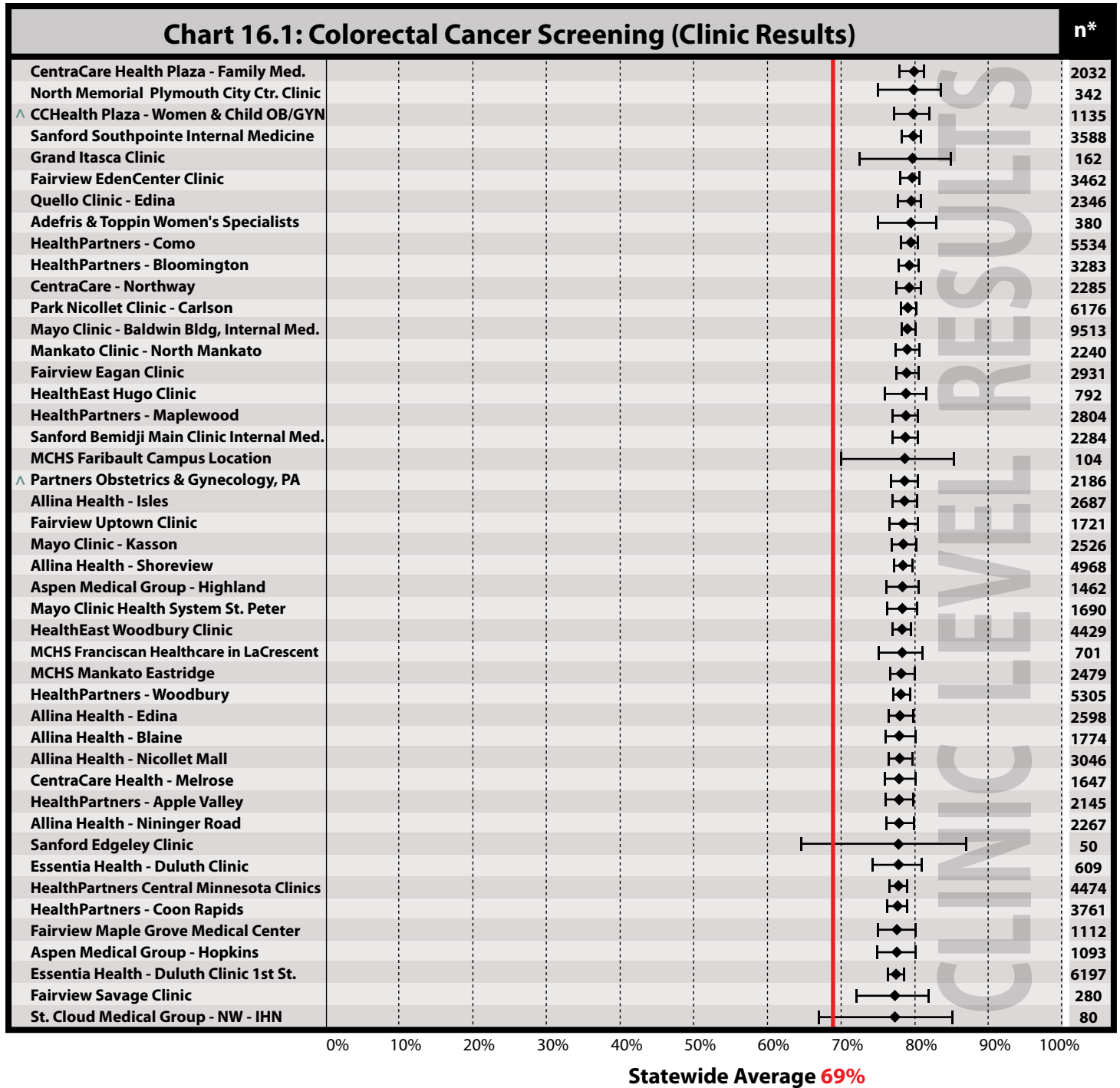


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

**Chart 16.1: Colorectal Cancer Screening (Clinic Results)**

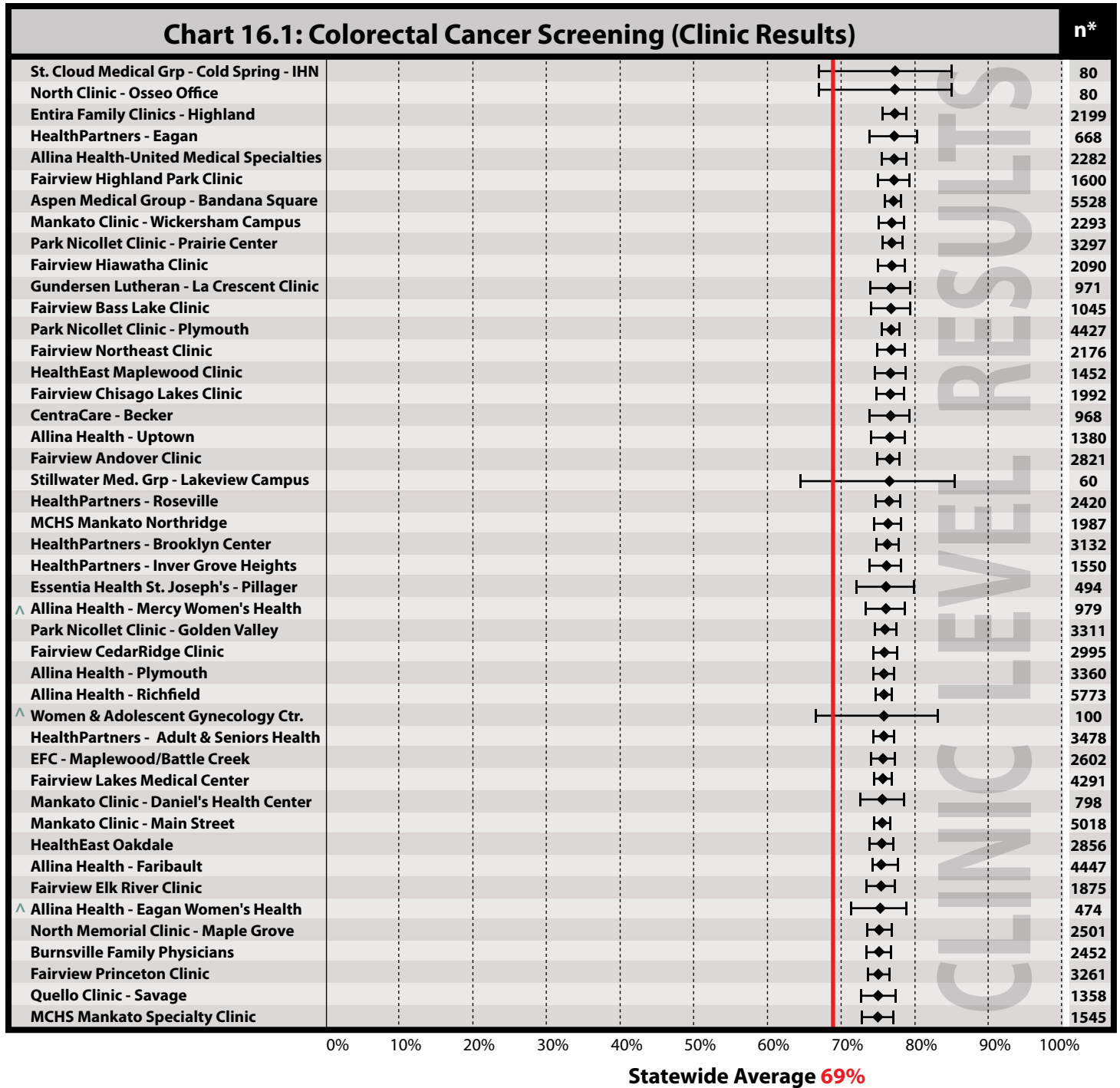


<b>ACMC</b> - Affiliated Community Medical Centers	<b>EH</b> - Essentia Health	<b>PNC</b> - Park Nicollet Clinic
<b>AHS</b> - Altru Health System	<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>AMC</b> - Allina Medical Clinic	<b>IHN</b> - Integrity Health Network	<b>SMG</b> - Stillwater Medical Group
<b>ANGMA</b> - Abbot Northwestern General Medicine Associates	<b>LRH</b> - Lake Region Healthcare	<b>UMP</b> - University of Minnesota Physicians
<b>CC</b> - CentraCare	<b>MCHS</b> - Mayo Clinic Health System	<b>WSCHS</b> - West Side Community Health Services
<b>CCMH</b> - Chippewa County Montevideo Hospital	<b>NH</b> - Neighborhood Healthsource	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>EFC</b> - Entira Family Clinics	<b>NMC</b> - North Memorial Clinic	



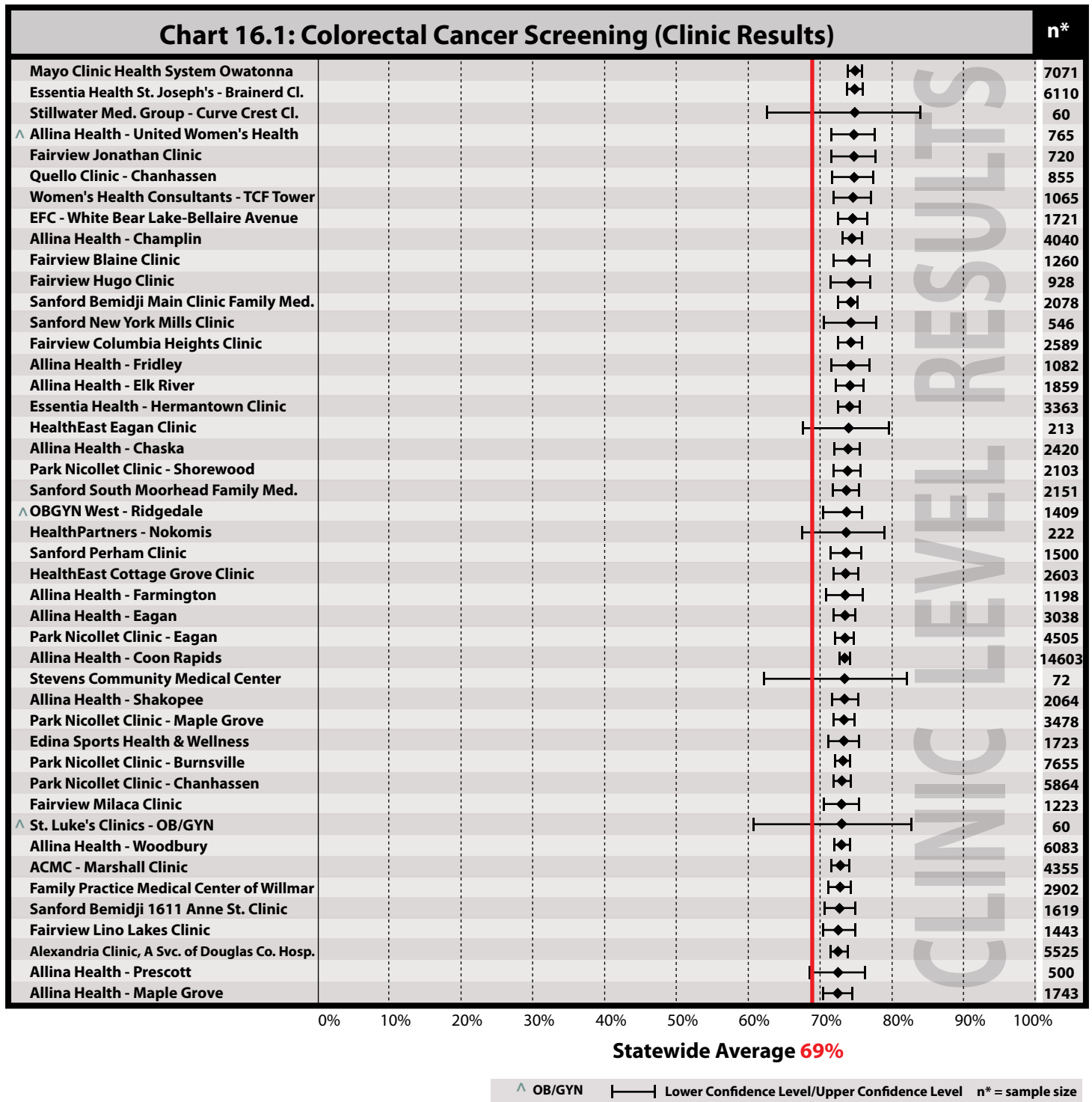
^ OB/GYN    — Lower Confidence Level/Upper Confidence Level    n\* = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	<b>EH</b> - Essentia Health	<b>PNC</b> - Park Nicollet Clinic
<b>AHS</b> - Altru Health System	<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>AMC</b> - Allina Medical Clinic	<b>IHN</b> - Integrity Health Network	<b>SMG</b> - Stillwater Medical Group
<b>ANGMA</b> - Abbot Northwestern General Medicine Associates	<b>LRH</b> - Lake Region Healthcare	<b>UMP</b> - University of Minnesota Physicians
<b>CC</b> - CentraCare	<b>MCHS</b> - Mayo Clinic Health System	<b>WSCHS</b> - West Side Community Health Services
<b>CCMH</b> - Chippewa County Montevideo Hospital	<b>NH</b> - Neighborhood Healthsource	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>EFC</b> - Entira Family Clinics	<b>NMC</b> - North Memorial Clinic	



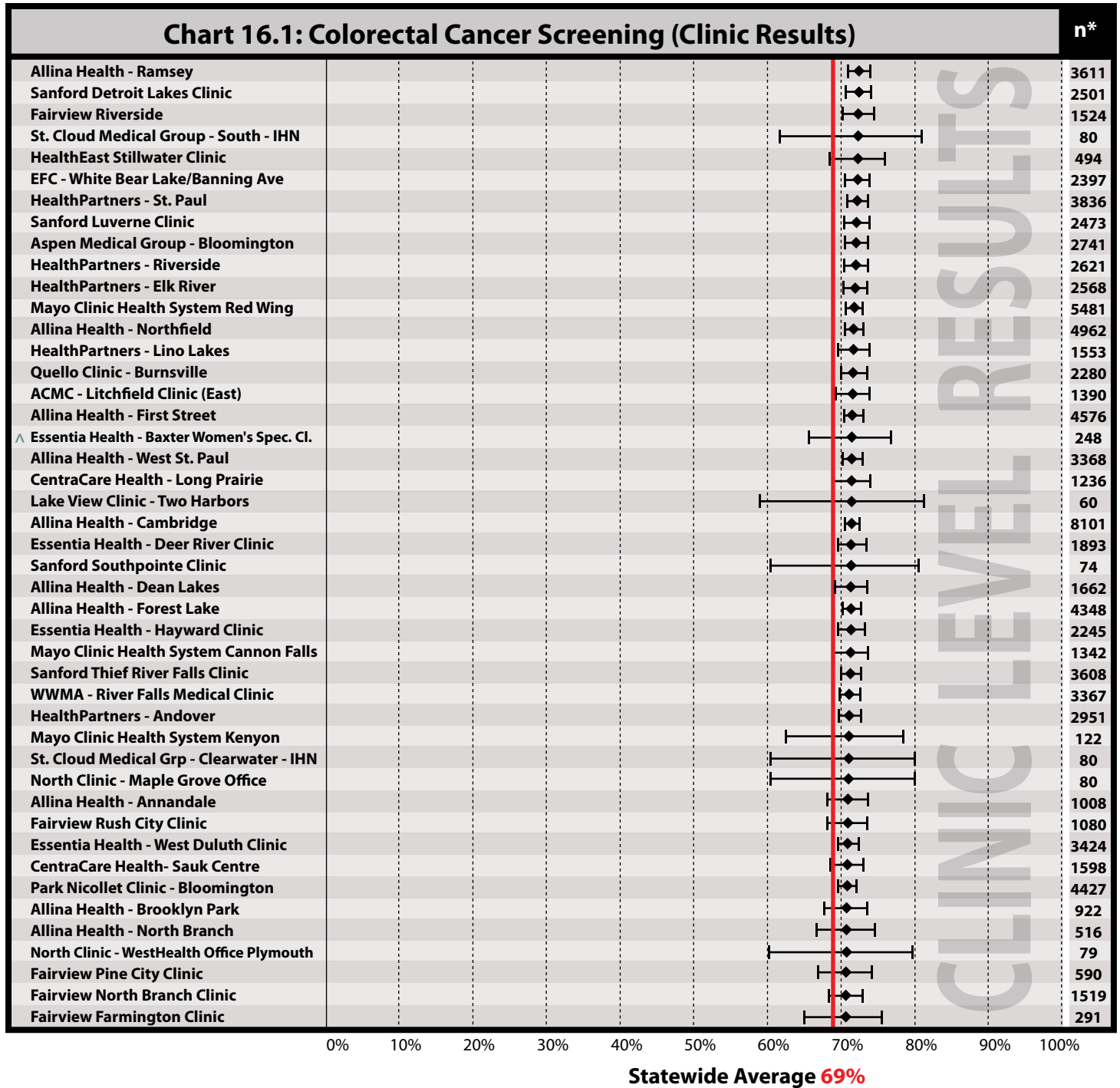
^ OB/GYN    — Lower Confidence Level/Upper Confidence Level    n\* = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	<b>EH</b> - Essentia Health	<b>PNC</b> - Park Nicollet Clinic
<b>AHS</b> - Altru Health System	<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
<b>AMC</b> - Allina Medical Clinic	<b>IHN</b> - Integrity Health Network	<b>SMG</b> - Stillwater Medical Group
<b>ANGMA</b> - Abbot Northwestern General Medicine Associates	<b>LRH</b> - Lake Region Healthcare	<b>UMP</b> - University of Minnesota Physicians
<b>CC</b> - CentraCare	<b>MCHS</b> - Mayo Clinic Health System	<b>WSCHS</b> - West Side Community Health Services
<b>CCMH</b> - Chippewa County Montevideo Hospital	<b>NH</b> - Neighborhood Healthsource	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>EFC</b> - Entira Family Clinics	<b>NMC</b> - North Memorial Clinic	



CLINIC LEVEL RESULTS

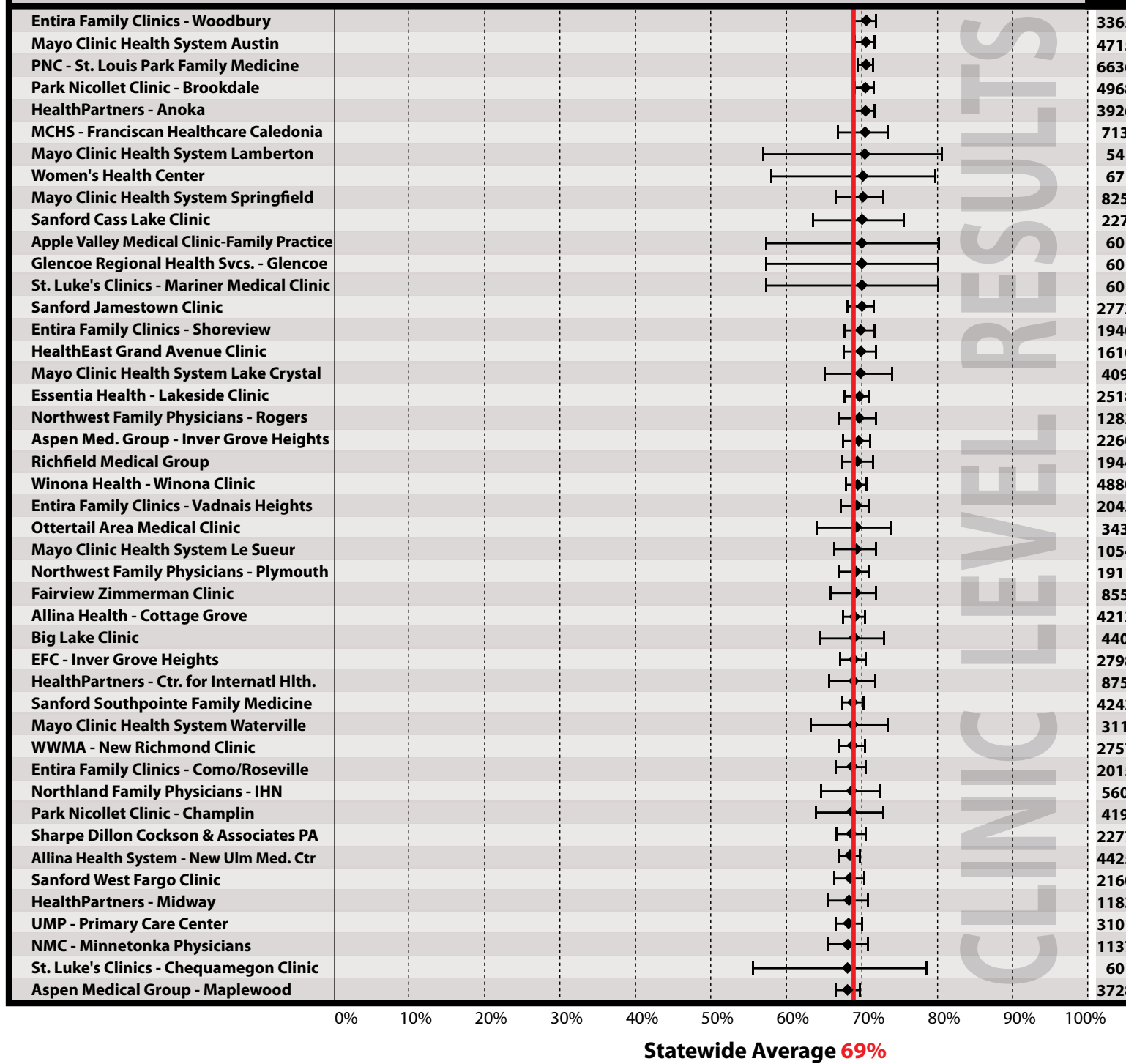
- |   |  |  |
|---|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>AHS</b> - Altru Health System                              | <b>HCMC</b> - Hennepin County Medical Center | <b>RRHS</b> - Range Regional Health Services       |
| <b>AMC</b> - Allina Medical Clinic                            | <b>IHN</b> - Integrity Health Network        | <b>SMG</b> - Stillwater Medical Group              |
| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>LRH</b> - Lake Region Healthcare          | <b>UMP</b> - University of Minnesota Physicians    |
| <b>CC</b> - CentraCare  | <b>MCHS</b> - Mayo Clinic Health System      | <b>WSCHS</b> - West Side Community Health Services |
| <b>CCMH</b> - Chippewa County Montevideo Hospital             | <b>NH</b> - Neighborhood Healthsource        | <b>WWMA</b> - Western Wisconsin Medical Associates |
| <b>EFC</b> - Entira Family Clinics                            | <b>NMC</b> - North Memorial Clinic           |  |



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

- |   |  |  |
|---|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>AHS</b> - Altru Health System                              | <b>HCMC</b> - Hennepin County Medical Center | <b>RRHS</b> - Range Regional Health Services       |
| <b>AMC</b> - Allina Medical Clinic                            | <b>IHN</b> - Integrity Health Network        | <b>SMG</b> - Stillwater Medical Group              |
| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>LRH</b> - Lake Region Healthcare          | <b>UMP</b> - University of Minnesota Physicians    |
| <b>CC</b> - CentraCare  | <b>MCHS</b> - Mayo Clinic Health System      | <b>WSCHS</b> - West Side Community Health Services |
| <b>CCMH</b> - Chippewa County Montevideo Hospital             | <b>NH</b> - Neighborhood Healthsource        | <b>WWMA</b> - Western Wisconsin Medical Associates |
| <b>EFC</b> - Entira Family Clinics                            | <b>NMC</b> - North Memorial Clinic           |  |

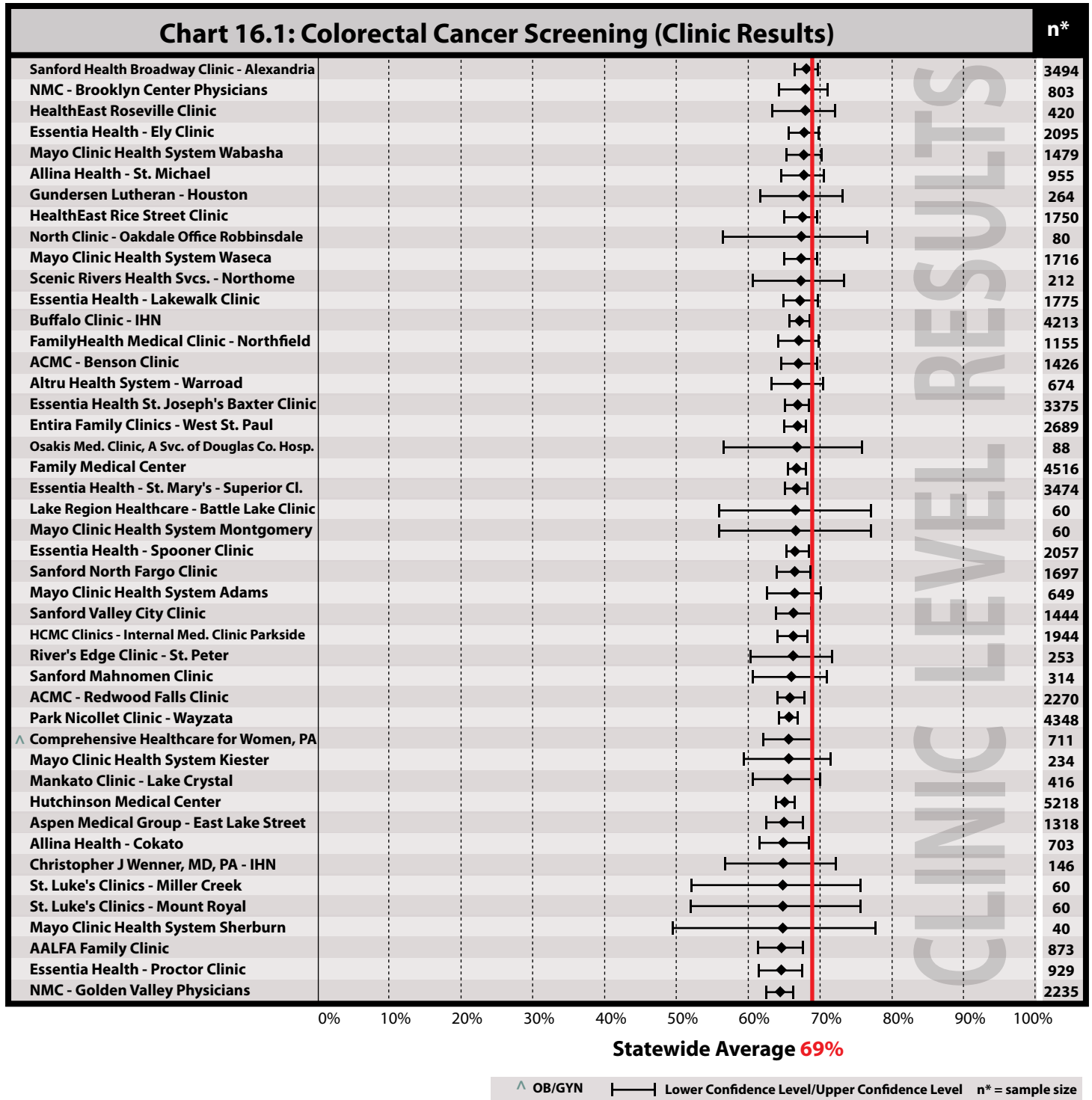
**Chart 16.1: Colorectal Cancer Screening (Clinic Results)**



ACMC - Affiliated Community Medical Centers  
 AHS - Altru Health System  
 AMC - Allina Medical Clinic

EH - Essentia Health  
 HCMC - Hennepin County Medical Center  
 IHN - Intevity Health Network

PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group



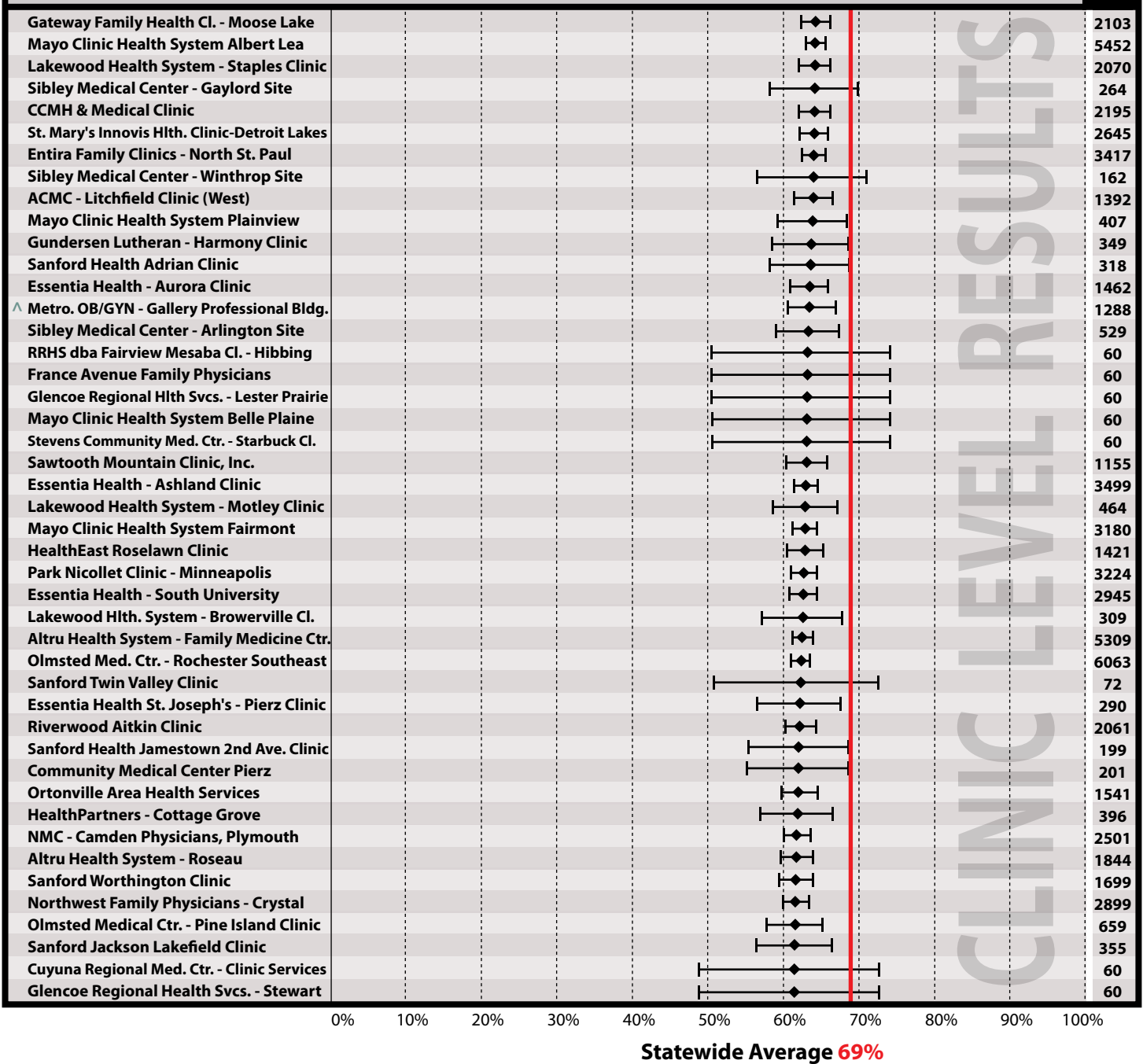
CLINIC LEVEL RESULTS

- |   |  |  |
|---|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>AHS</b> - Altru Health System                              | <b>HCMC</b> - Hennepin County Medical Center | <b>RRHS</b> - Range Regional Health Services       |
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| <b>CCMH</b> - Chippewa County Montevideo Hospital             | <b>NH</b> - Neighborhood Healthsource        | <b>WWMA</b> - Western Wisconsin Medical Associates |
| <b>EFC</b> - Entira Family Clinics                            | <b>NMC</b> - North Memorial Clinic           |  |



**Chart 16.1: Colorectal Cancer Screening (Clinic Results)**

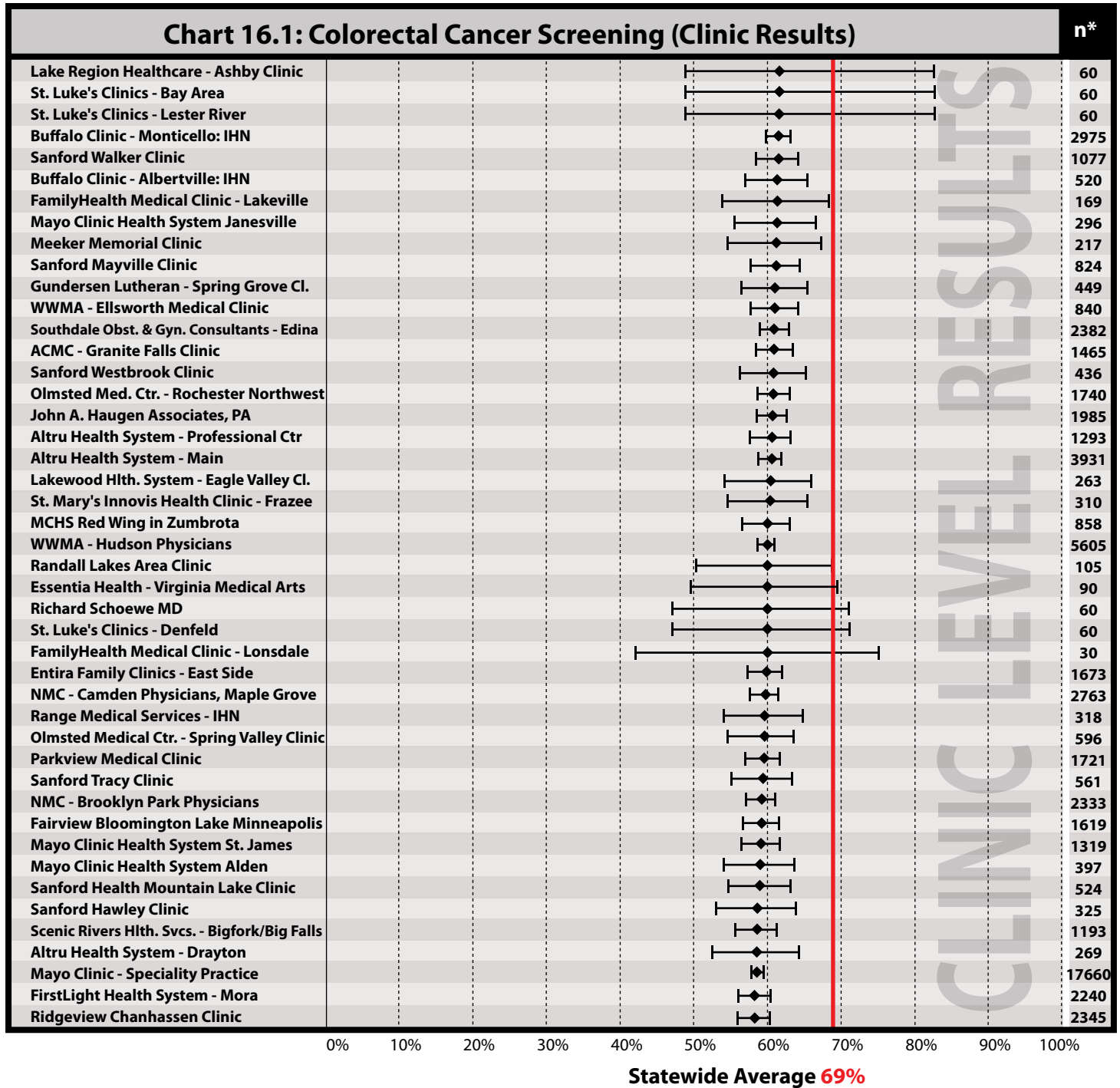
n\*



Statewide Average **69%**

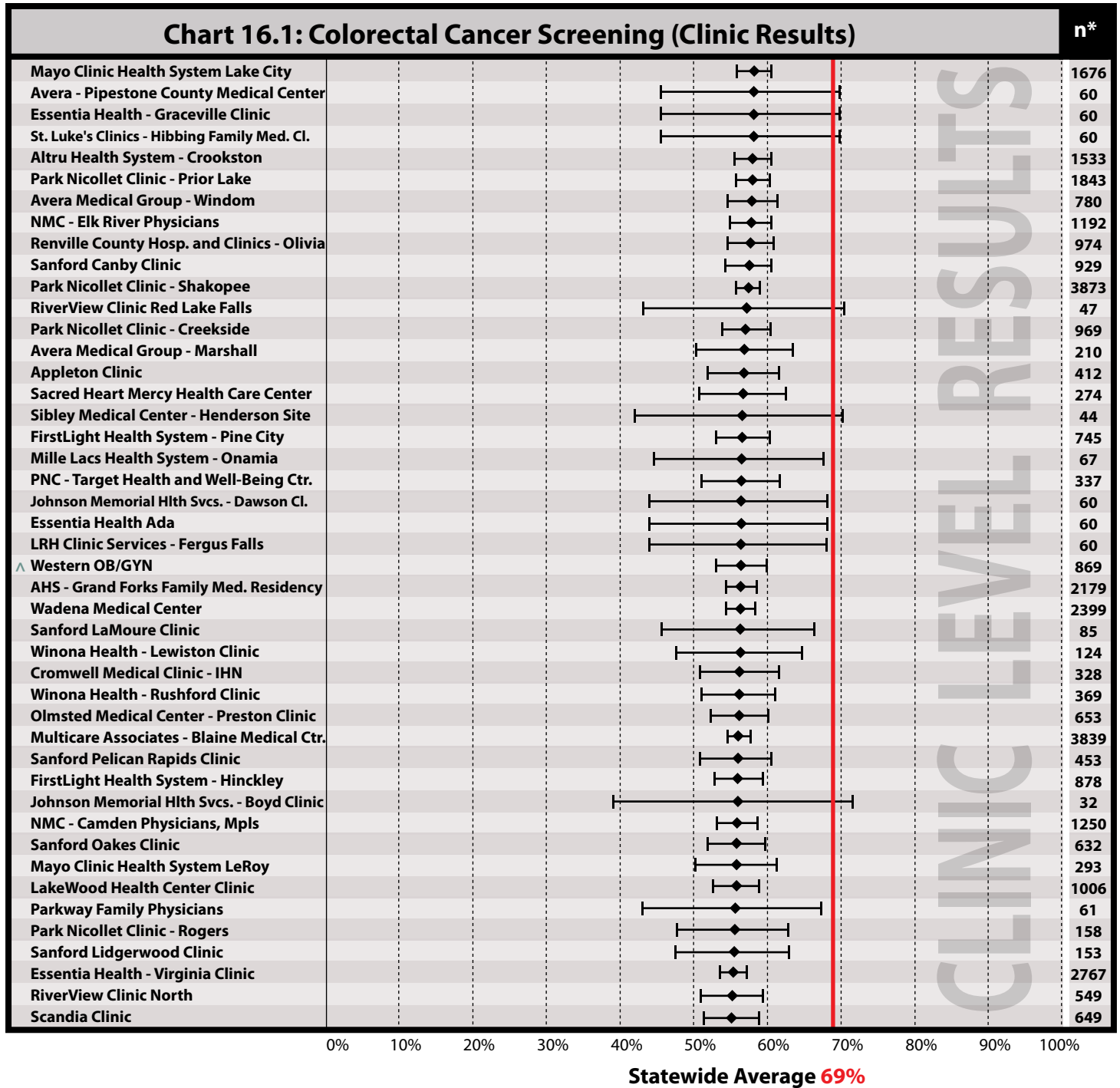
^ OB/GYN | Lower Confidence Level/Upper Confidence Level n\* = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	<b>EH</b> - Essentia Health	<b>PNC</b> - Park Nicollet Clinic
<b>AHS</b> - Altru Health System	<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
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<b>ANGMA</b> - Abbot Northwestern General Medicine Associates	<b>LRH</b> - Lake Region Healthcare	<b>UMP</b> - University of Minnesota Physicians
<b>CC</b> - CentraCare	<b>MCHS</b> - Mayo Clinic Health System	<b>WSCHS</b> - West Side Community Health Services
<b>CCMH</b> - Chippewa County Montevideo Hospital	<b>NH</b> - Neighborhood Healthsource	<b>WWMA</b> - Western Wisconsin Medical Associates
<b>EFC</b> - Entira Family Clinics	<b>NMC</b> - North Memorial Clinic	



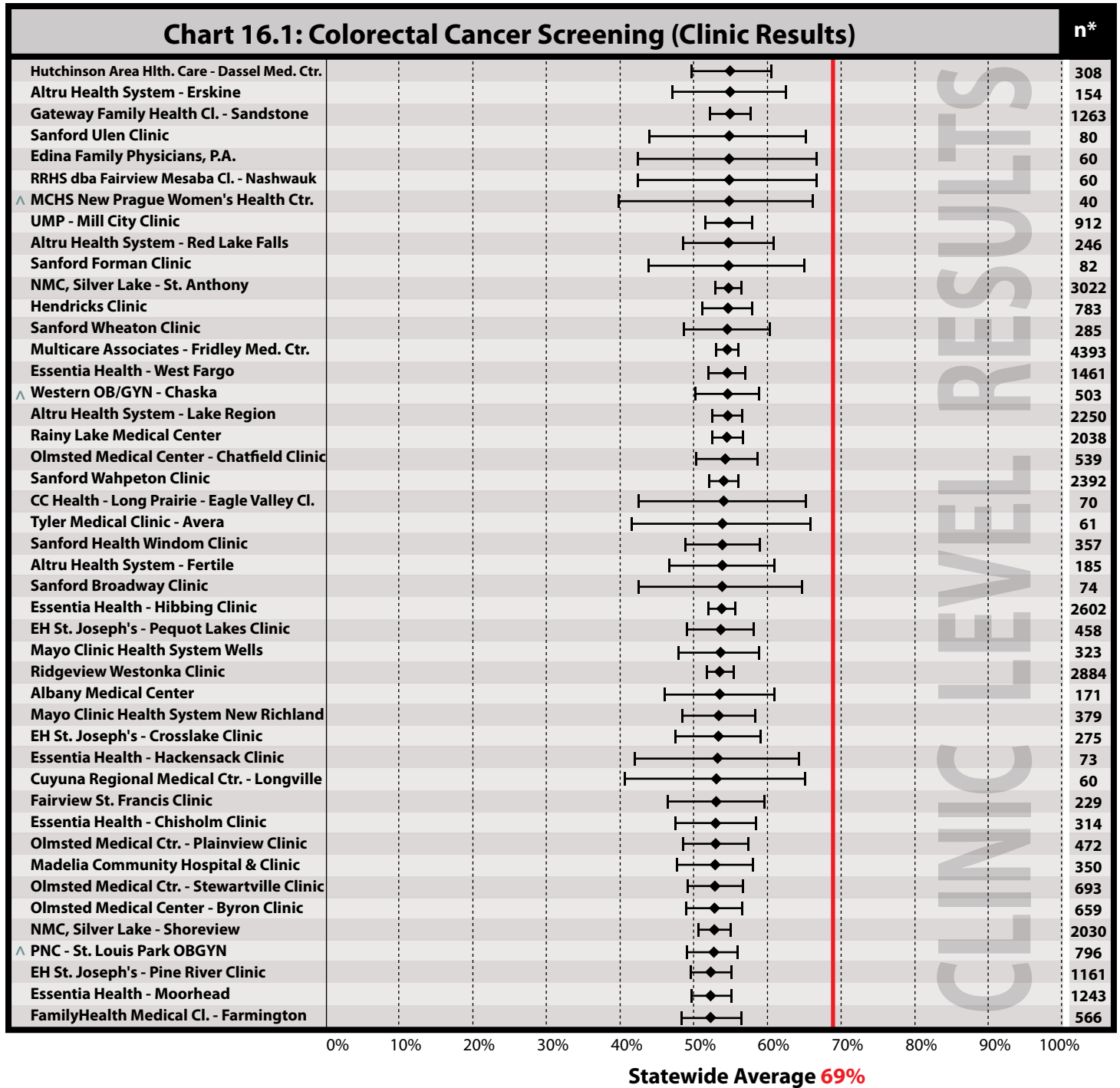
▲ OB/GYN    | Lower Confidence Level/Upper Confidence Level    n\* = sample size

- |   |  |  |
|---|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>PNC</b> - Park Nicollet Clinic                  |
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| <b>EFC</b> - Entira Family Clinics                            | <b>NMC</b> - North Memorial Clinic           |  |



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

- |   |  |  |
|---|--|--|
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>PNC</b> - Park Nicollet Clinic                  |
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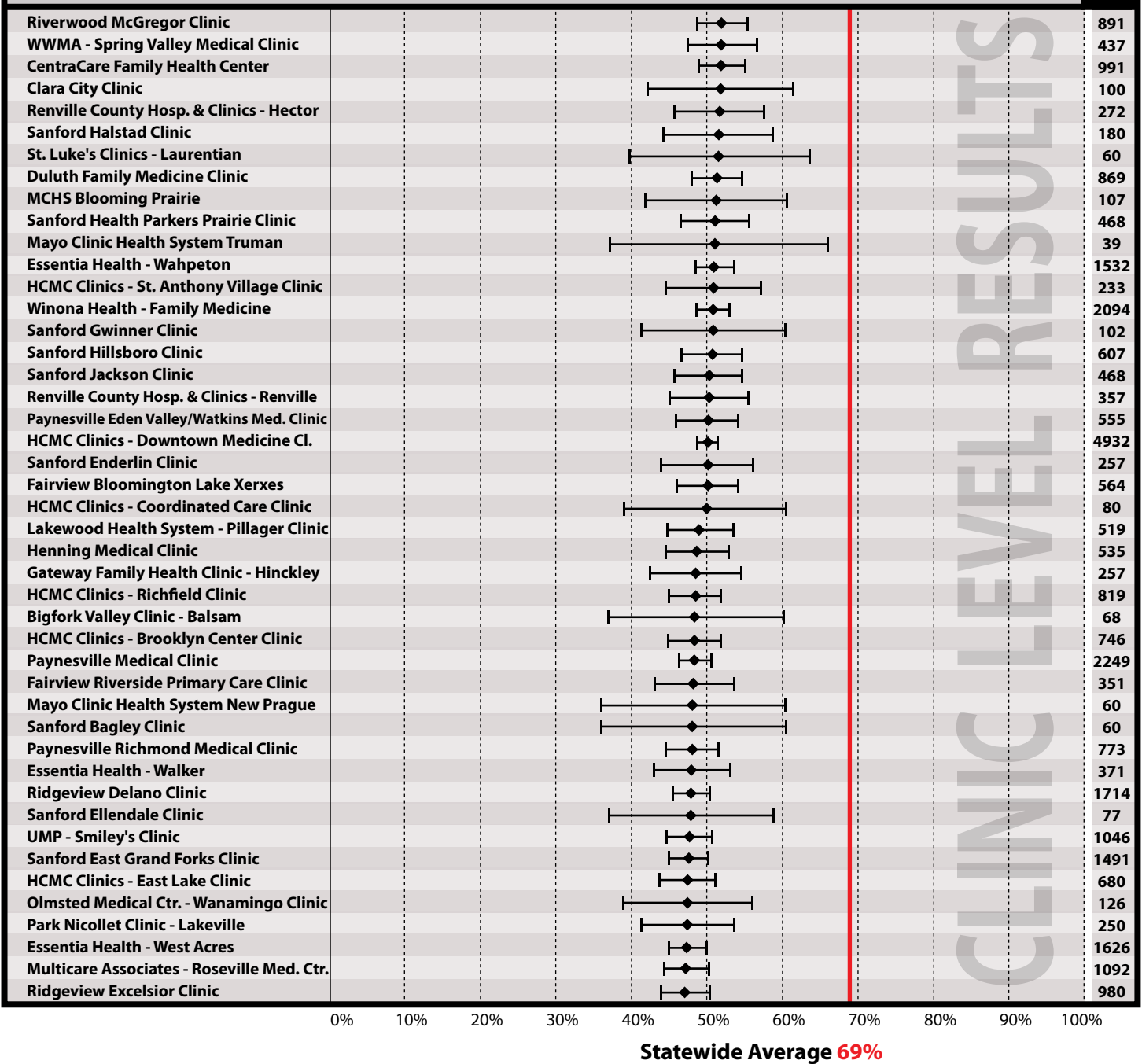


^ OB/GYN | Lower Confidence Level/Upper Confidence Level n\* = sample size

<b>ACMC</b> - Affiliated Community Medical Centers	<b>EH</b> - Essentia Health	<b>PNC</b> - Park Nicollet Clinic
<b>AHS</b> - Altru Health System	<b>HCMC</b> - Hennepin County Medical Center	<b>RRHS</b> - Range Regional Health Services
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<b>CC</b> - CentraCare	<b>MCHS</b> - Mayo Clinic Health System	<b>WSCHS</b> - West Side Community Health Services
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<b>EFC</b> - Entira Family Clinics	<b>NMC</b> - North Memorial Clinic	

**Chart 16.1: Colorectal Cancer Screening (Clinic Results)**

n\*

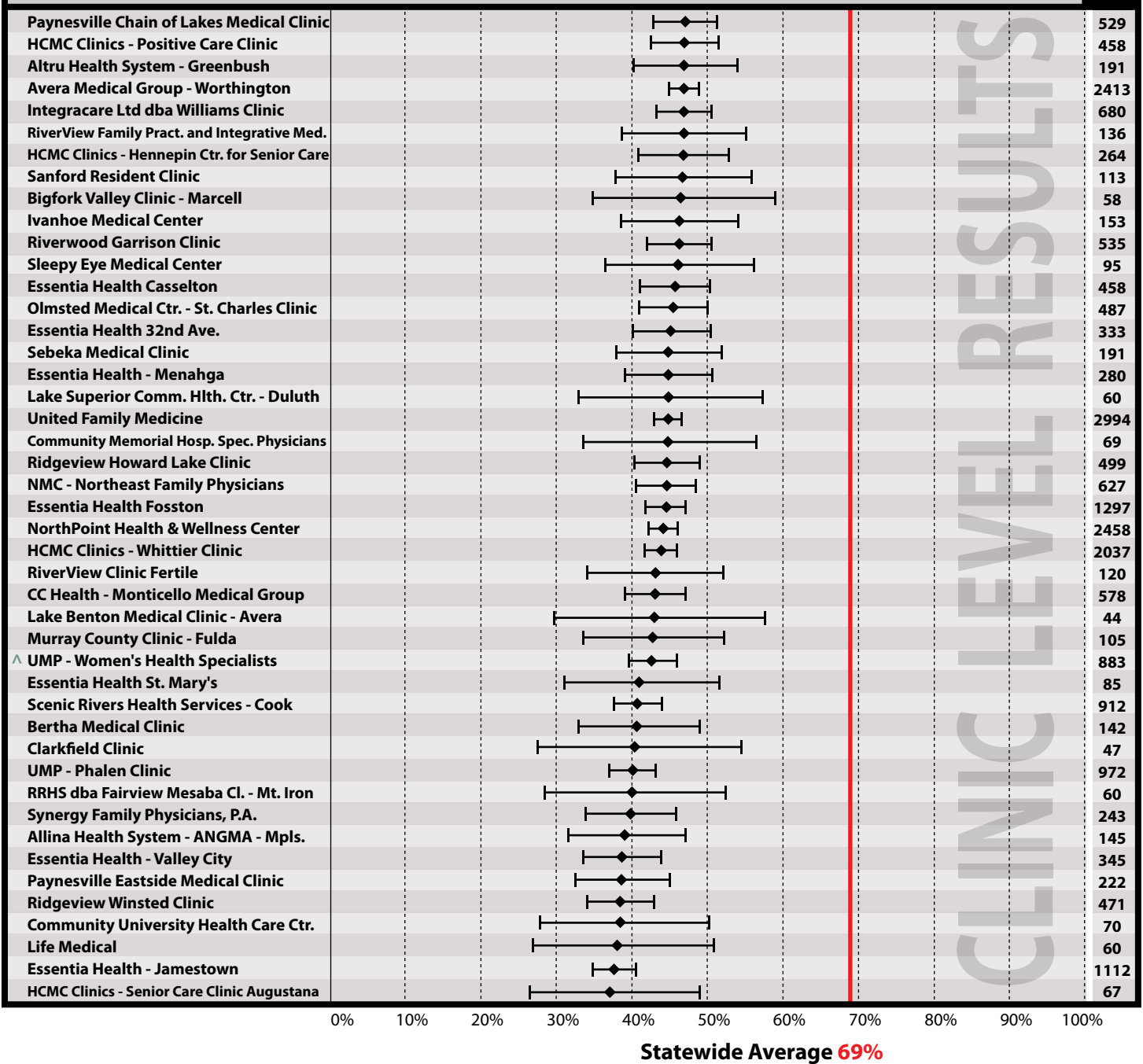


▲ OB/GYN    — Lower Confidence Level/Upper Confidence Level    n\* = sample size

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>ACMC - Affiliated Community Medical Centers</li> <li>AHS - Altru Health System</li> <li>AMC - Allina Medical Clinic</li> <li>ANGMA - Abbot Northwestern General Medicine Associates</li> <li>CC - CentraCare</li> <li>CCMH - Chippewa County Montevideo Hospital</li> <li>EFC - Entira Family Clinics</li> </ul> | <ul style="list-style-type: none"> <li>EH - Essentia Health</li> <li>HCMC - Hennepin County Medical Center</li> <li>IHN - Integrity Health Network</li> <li>LRH - Lake Region Healthcare</li> <li>MCHS - Mayo Clinic Health System</li> <li>NH - Neighborhood Healthsource</li> <li>NMC - North Memorial Clinic</li> </ul> | <ul style="list-style-type: none"> <li>PNC - Park Nicollet Clinic</li> <li>RRHS - Range Regional Health Services</li> <li>SMG - Stillwater Medical Group</li> <li>UMP - University of Minnesota Physicians</li> <li>WSCHS - West Side Community Health Services</li> <li>WWMA - Western Wisconsin Medical Associates</li> </ul> |
|---|--|---|

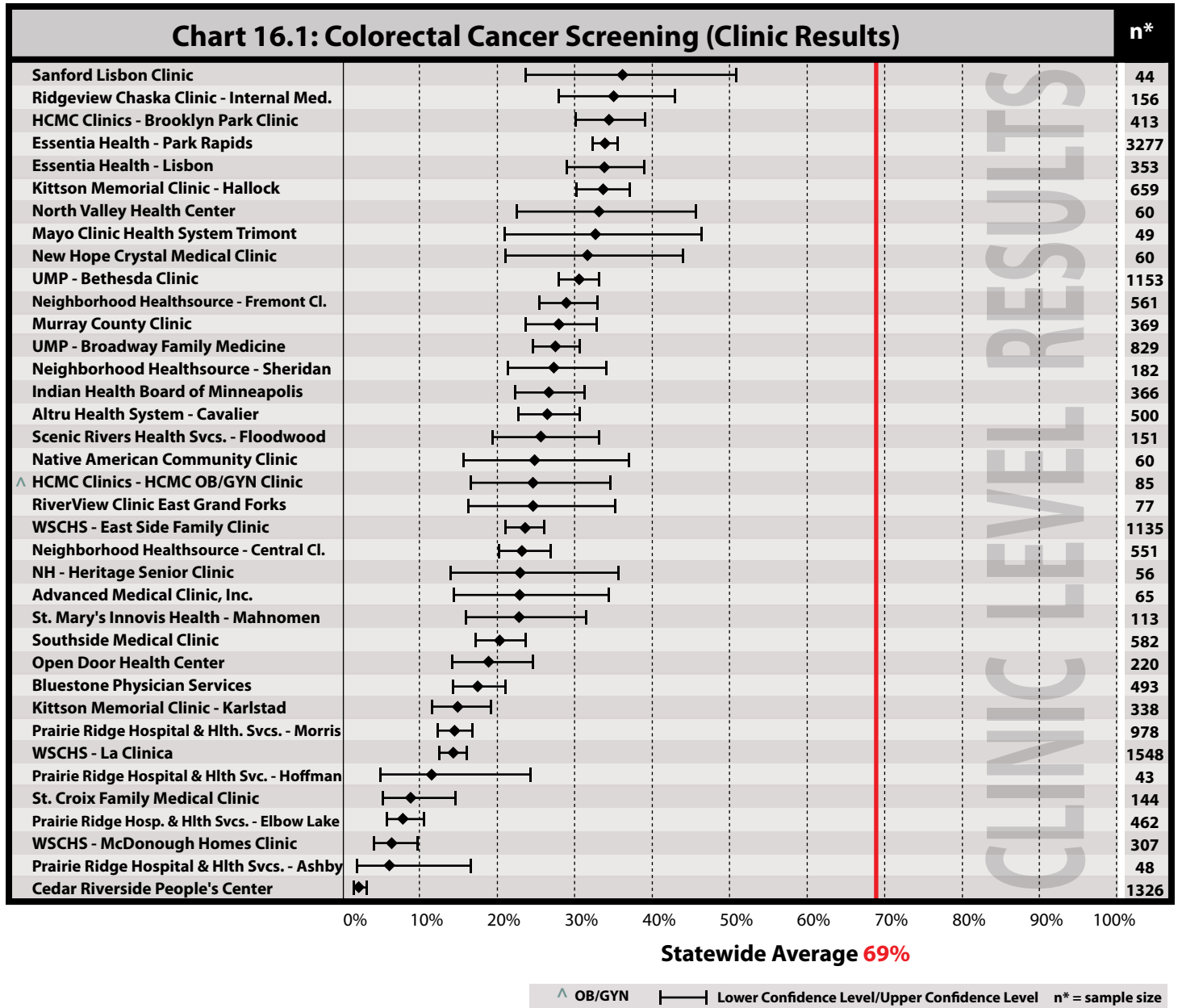
**Chart 16.1: Colorectal Cancer Screening (Clinic Results)**

n\*



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

- |   |  |  |
|---|--|--|
| <b>AAS</b> - Allergy & Asthma Specialists, PA                 | <b>EFC</b> - Entira Family Clinics           | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>RRHS</b> - Range Regional Health Services       |
| <b>AHS</b> - Altru Health System                              | <b>HCMC</b> - Hennepin County Medical Center | <b>SMG</b> - Stillwater Medical Group              |
| <b>AMC</b> - Allina Medical Clinic                            | <b>IHN</b> - Integrity Health Network        | <b>UMP</b> - University of Minnesota Physicians    |
| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>LRH</b> - Lake Region Healthcare          | <b>WSCHS</b> - West Side Community Health Services |
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| <b>CCMH</b> - Chippewa County Montevideo Hospital             | <b>NH</b> - Neighborhood Healthsource        |  |
|   | <b>NMC</b> - North Memorial Clinic           |  |



- |   |  |  |
|---|--|--|
| <b>AAS</b> - Allergy & Asthma Specialists, PA                 | <b>EFC</b> - Entira Family Clinics           | <b>PNC</b> - Park Nicollet Clinic                  |
| <b>ACMC</b> - Affiliated Community Medical Centers            | <b>EH</b> - Essentia Health                  | <b>RRHS</b> - Range Regional Health Services       |
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| <b>ANGMA</b> - Abbot Northwestern General Medicine Associates | <b>LRH</b> - Lake Region Healthcare          | <b>WSCHS</b> - West Side Community Health Services |
| <b>CC</b> - CentraCare  | <b>MCHS</b> - Mayo Clinic Health System      | <b>WWMA</b> - Western Wisconsin Medical Associates |
| <b>CCMH</b> - Chippewa County Montevideo Hospital             | <b>NH</b> - Neighborhood Healthsource        |  |
|   | <b>NMC</b> - North Memorial Clinic           |  |

## Performance Highlights - Clinic Results

### Highest performers in 2013

Clinic results showed that an average of 69 percent of patients 51-75 years of age had appropriate screening for colorectal cancer. **Minnesota Gynecology & Surgery** set the benchmark of 99 percent. There were 201 out of 622 clinics with rates and confidence intervals fully above the statewide average. The high-performing clinics are listed below in alphabetical order under their medical group:

#### **Adefris & Toppin Women's Specialists Affiliated Community Medical Centers**

- Litchfield Clinic (East)
- Marshall Clinic
- New London Clinic
- Willmar Clinic

#### **Alexandria Clinic**

#### **Allina Health System**

- Abbott Northwestern General  
Medicine Associates- Edina

#### **Allina Medical Clinic**

- Blaine
- Buffalo
- Cambridge
- Champlin
- Chaska
- Coon Rapids
- Dean Lakes
- Eagan
- Eagan Women's Health
- Edina
- Elk River
- Faribault
- Farmington
- First Street
- Forest Lake
- Fridley
- Isles
- Maple Grove
- Mercy Women's Health
- Nicollet Mall
- Nininger Road
- Plymouth
- Ramsey
- Richfield
- Shakopee
- Shoreview
- United Medical Specialists
- United Women's Health
- Uptown
- West St. Paul
- Woodbury

#### **Aspen Medical Group**

- Bandana Square
- Bloomington
- Highland
- Hopkins
- White Bear Lake

#### **Burnsville Family Physicians Catalyst Medical Clinic**

#### **CentraCare Health**

- Becker
- Health Plaza- Family Medicine
- Health Plaza- Internal Medicine
- Health Plaza- Women & Children  
OB/GYN
- Long Prairie
- Melrose
- Northway
- River Campus- Internal Medicine
- Sauk Centre
- St. Joseph

#### **Clinic Sofia OB/GYN**

#### **Edina Sports Health & Wellness**

#### **Entira Family Clinics**

- Highland
- Maplewood/Battle Creek
- White Bear Lake/Banning Avenue
- White Bear Lake- Bellaire Avenue
- Woodbury

#### **Essentia Health - Central Region**

- St. Joseph's - Brainerd Clinic
- St. Joseph's - Pillager

#### **Essentia Health - East Region**

- Deer River Clinic
- Duluth Clinic 1st St.
- Hayward Clinic
- Hermantown Clinic
- West Duluth Clinic

#### **Fairview Health Services**

- Andover
- Bass Lake
- Brooklyn Park
- CedarRidge
- Chisago Lakes
- Columbia Heights
- Crosstown
- Eagan
- EdenCenter
- Elk River
- Fridley
- Hiawatha
- Highland Park
- Hugo
- Jonathan
- Lakes Medical Center

- Lakeville
- Lino Lakes
- Maple Grove Medical Center
- Milaca
- Northeast
- Oxboro
- Princeton
- Ridges
- RidgeValley
- Riverside
- Rogers
- Rosemount
- Savage
- Uptown

#### **Family Practice Medical Center of Willmar**

#### **Grand Itasca Clinic**

#### **Gundersen Health System**

- LaCrescent

#### **HealthEast Clinics**

- Cottage Grove
- Downtown St. Paul
- Hugo
- Maplewood
- Midway
- Oakdale
- Vadnais Heights
- Woodbury

#### **HealthPartners Central MN Clinics**

#### **HealthPartners Clinics**

- Adult & Seniors Health
- Andover
- Anoka
- Apple Valley
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Eagan
- Elk River
- Health Center for Women
- Inver Grove Heights
- Lino Lakes
- Maplewood
- Riverside
- Roseville
- St. Paul



## Performance Highlights - Clinic Results

### Highest performers in 2013 - *continued*

#### HealthPartners Clinics continued...

- West
- White Bear Lake
- Woodbury

#### Mankato Clinic Ltd.

- Daniel's Health Center
- Main Street
- Mapleton
- North Mankato
- Wickersham Campus

#### Mayo Clinic

- Baldwin Bldg., Family Medicine
- Baldwin Bldg., Primary Care Internal Medicine
- Kasson
- Northeast
- Northwest

#### Mayo Clinic Health System

- Austin
- Cannon Falls
- Faribault Campus Location
- Fairbault Hwy 60
- Franciscan Healthcare in LaCrescent
- Mankato Eastridge
- Mankato Northridge
- Mankato Specialty Clinic
- Owatonna
- Red Wing

- St. Peter

#### Minnesota Gynecology & Surgery

#### North Memorial Clinic

- Maple Grove
- Plymouth City Center

#### Oakdale OB/GYN, P.A.

- Maple Grove

#### OBGYN West

- Ridgedale

#### Park Nicollet Health Services

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

#### Partners Obstetrics & Gynecology, PA

#### Paul Larson OB/GYN Clinic, PA

#### Quello Clinic

- Burnsville
- Chanhassen

- Edina
- Lakeville
- Savage

#### Sanford Health - Fargo Region

- Bemidji 1611 Anne St.
- Bemidji Black Duck
- Bemidji Family Medicine
- Bemidji Internal Medicine
- Broadway Internal Medicine
- Detroit Lakes
- New York Mills
- Perham
- South Moorhead Family Medicine
- South Moorhead Internal Medicine
- Southpointe Internal Medicine
- Thief River Falls

#### Sanford Health - Sioux Falls Region

- Luverne

#### St. Luke's Clinics

- Duluth Internal Medicine Associates
- P.S. Rudie Medical Clinic

#### Steven Saliterman, MD

#### Stillwater Medical Group

- Mahtomedi

#### Western Wisconsin Medical Associates

- River Falls

#### Women's Health Consultants

- TCF Tower

### Biggest improvement from 2012-2013

The greatest improvements since report year 2013 in Colorectal Cancer Screening (clinic results) was made by **Hennepin County Medical Center (HCMC) Clinics - Coordinated Care Clinic**, whose score increased by 50 percentage points.

### Clinic performance over time (2010-2013)

Not applicable.

## Performance Highlights - Clinic Results

### Highest performers in 2013 by region

Clinic results showed differences in high performance among the different regions in Minnesota. Boundaries of the seven regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The results have been organized to identify areas of the state with the highest proportion of high-performing clinics. The seven regions are listed below based on their proportion of high-performing clinics from high to low. The number of high-performing clinics is shown along with the total number of clinic sites that submitted data for this measure. The high-performing clinics are listed in alphabetical order by region.

#### East Metro - 68 out of 119 (57%)

##### Adefris & Toppin Women's Specialists

##### Allina Medical Clinic

- Blaine
- Coon Rapids
- Eagan
- Eagan Women's Health
- Farmington
- First Street
- Forest Lake
- Fridley
- Mercy Women's Health
- Nininger Road
- Ramsey
- Shoreview
- United Medical Specialists
- United Women's Health
- West St. Paul
- Woodbury

##### Aspen Medical Group

- Bandana Square
- Highland
- White Bear Lake

##### Burnsville Family Physicians

- Highland
- Maplewood/Battle Creek
- White Bear Lake/Banning Avenue
- White Bear Lake- Bellaire Avenue
- Woodbury

##### Fairview Health Services

- Andover
- Blaine
- CedarRidge
- Columbia Heights
- Eagan
- Fridley
- Highland Park

- Hugo

- Lakeville
- Lino Lakes
- Ridges
- Rosemount

##### HealthEast Clinics

- Cottage Grove
- Downtown St. Paul
- Hugo
- Maplewood
- Midway
- Oakdale
- Vadnais Heights
- Woodbury

##### HealthPartners Clinics

- Adult & Seniors Health
- Andover
- Anoka
- Apple Valley
- Arden Hills
- Como
- Coon Rapids
- Eagan
- Health Center for Women
- Inver Grove Heights
- Lino Lakes
- Maplewood
- Roseville
- St. Paul
- White Bear Lake
- Woodbury

##### Park Nicollet Health Services

- Burnsville
- Eagan

##### Partners Obstetrics & Gynecology, PA

##### Quello Clinic

- Burnsville
- Lakeville

##### Stillwater Medical Group

- Mahtomedi



## Performance Highlights - Clinic Results

### Highest performers in 2013 by region - *continued*

#### West Metro- 58 out of 136 (43%)

**Allina Health System**

- Abbott Northwestern General Medicine Associates- Edina

**Allina Medical Clinic**

- Champlin
- Chaska
- Dean Lakes
- Edina
- Isles
- Maple Grove
- Nicollet Mall
- Plymouth
- Richfield
- Shakopee
- Uptown

**Aspen Medical Group**

- Bloomington
- Hopkins

**Catalyst Medical Clinic**

**Clinic Sofia OB/GYN**

**Edina Sports Health & Wellness**

**Fairview Health Services**

- Bass Lake
- Brooklyn Park
- Crosstown
- EdenCenter
- Hiawatha
- Jonathan
- Maple Grove Medical Center
- Northeast
- Oxboro
- RidgeValley
- Riverside
- Rogers

- Savage
- Uptown

**HealthPartners Clinics**

- Bloomington
- Brooklyn Center
- Riverside
- West

**North Memorial Clinic**

- Maple Grove
- Plymouth City Center

**Oakdale OB/GYN, P.A.**

- Maple Grove

**OBGYN West**

- Ridgedale

**Park Nicollet Health Services**

- Bloomington
- Brookdale
- Carlson
- Chanhassen
- Golden Valley
- Maple Grove
- Plymouth
- Prairie Center
- Shorewood
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine

**Paul Larson OB/GYN Clinic, PA**

**Quello Clinic**

- Chanhassen
- Edina
- Savage

**Steven Saliterman, MD**

**Women's Health Consultants**

- TCF Tower



#### Southeast - 24 out of 46 (52%)

**Allina Medical Clinic**

- Faribault
- Northfield

**Gundersen Health System**

- LaCrescent

**Mankato Clinic Ltd.**

- Daniel's Health Center
- Main Street
- Mapleton

- North Mankato
- Wickersham Campus

**Mayo Clinic**

- Baldwin Bldg., Family Medicine
- Baldwin Bldg., Primary Care Internal Medicine
- Kasson
- Northeast

- Northwest

**Mayo Clinic Health System**

- Austin
- Cannon Falls
- Faribault Campus Location
- Faribault Hwy 60
- Franciscan Healthcare LaCrescent
- Mankato Eastridge

- Mankato Northridge
- Mankato Specialty Clinic
- Owatonna
- Red Wing
- St. Peter

## Performance Highlights - Clinic Results

### Highest performers in 2013 by region - *continued*

#### Central - 22 out of 62 (35%)

**Allina Medical Clinic**

- Cambridge
- Elk River

**CentraCare Health**

- Becker
- Health Plaza- Family Medicine
- Health Plaza- Internal Medicine
- Health Plaza- Women & Children OB/GYN
- Long Prairie
- Melrose
- Northway
- River Campus- Internal Medicine
- Sauk Centre
- St. Joseph

**Essentia Health - Central**

**Region**

- St. Joseph's - Brainerd
- St. Joseph's - Pillager

**Fairview Health Services**

- Chisago Lakes
- Elk River
- Lakes Medical Center
- Milaca
- Princeton

**HealthPartners Central MN Clinics**

**HealthPartners Clinics**

- Elk River

**Sanford Health - Fargo Region**

- Southpointe Internal Medicine



#### Northwest - 10 out of 23 (43%)

**Sanford Health - Fargo Region**

- Bemidji 1611 Anne St.
- Bemidji Black Duck
- Bemidji Family Medicine
- Bemidji Internal Medicine
- Detroit Lakes

- New York Mills
- Perham
- South Moorhead Family Medicine
- South Moorhead Internal Medicine
- Thief River Falls

#### Southwest - 7 out of 14 (50%)

**Affiliated Community Medical Centers**

- Litchfield Clinic East
- Marshall
- New London Clinic
- Willmar Clinic

**Alexandria Clinic**

**Family Practice Medical Center of Willmar**

**Sanford Health - Sioux Falls Region**

- Luverne

#### Northeast - 8 out of 36 (22%)

**Essentia Health - East Region**

- Deer River Clinic
- Duluth Clinic
- Duluth Clinic 1st St.

- Hermantown Clinic
- West Duluth Clinic

**Grand Itasca Clinic  
St. Luke's Clinics**

- Duluth Internal Medicine Associates
- P.S. Rudie Medical Clinic

#### Wisconsin - 2 out of 12 (17%)

**Essentia Health - East Region**

- Hayward

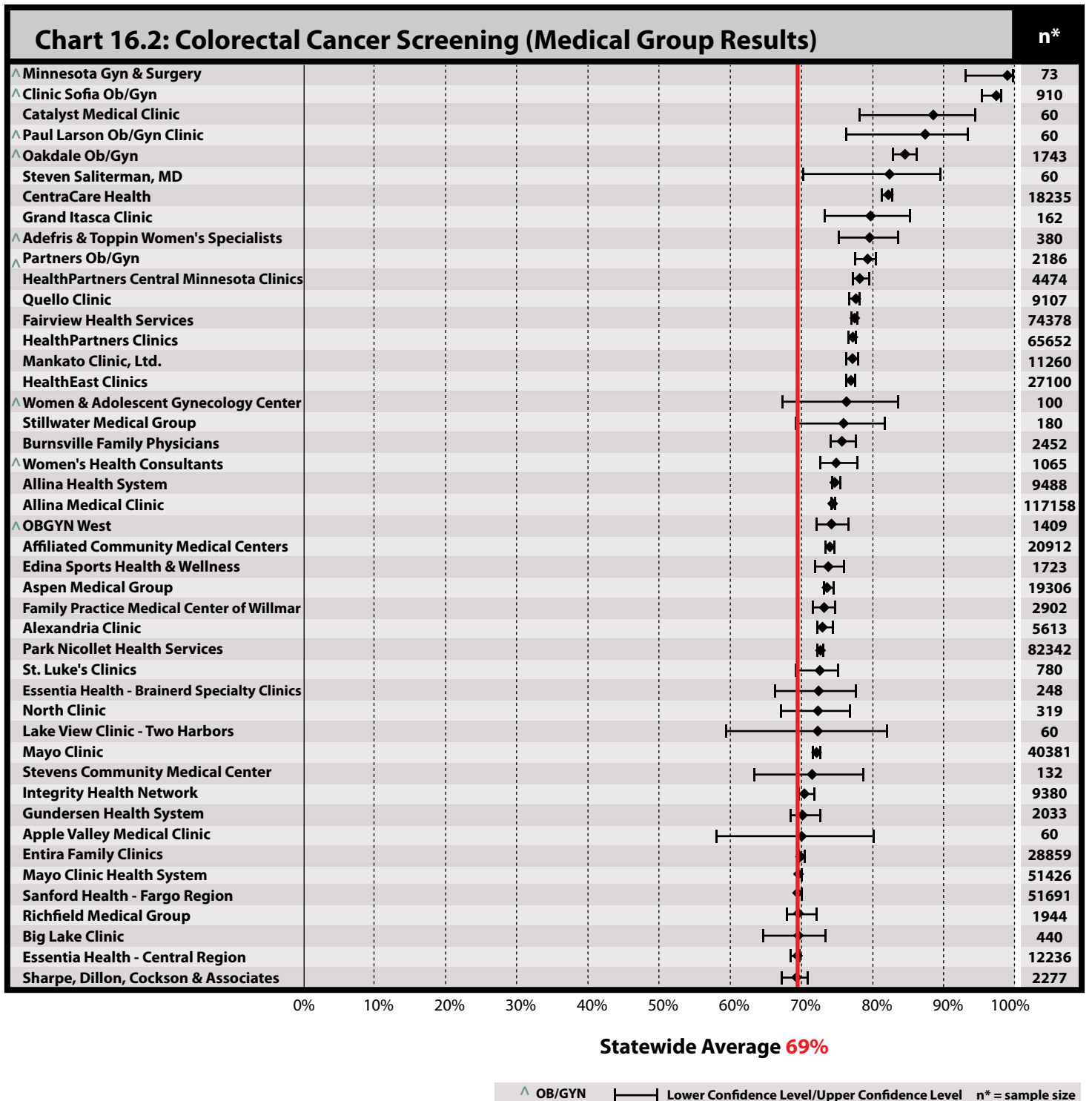
**Western Wisconsin Medical Associates**

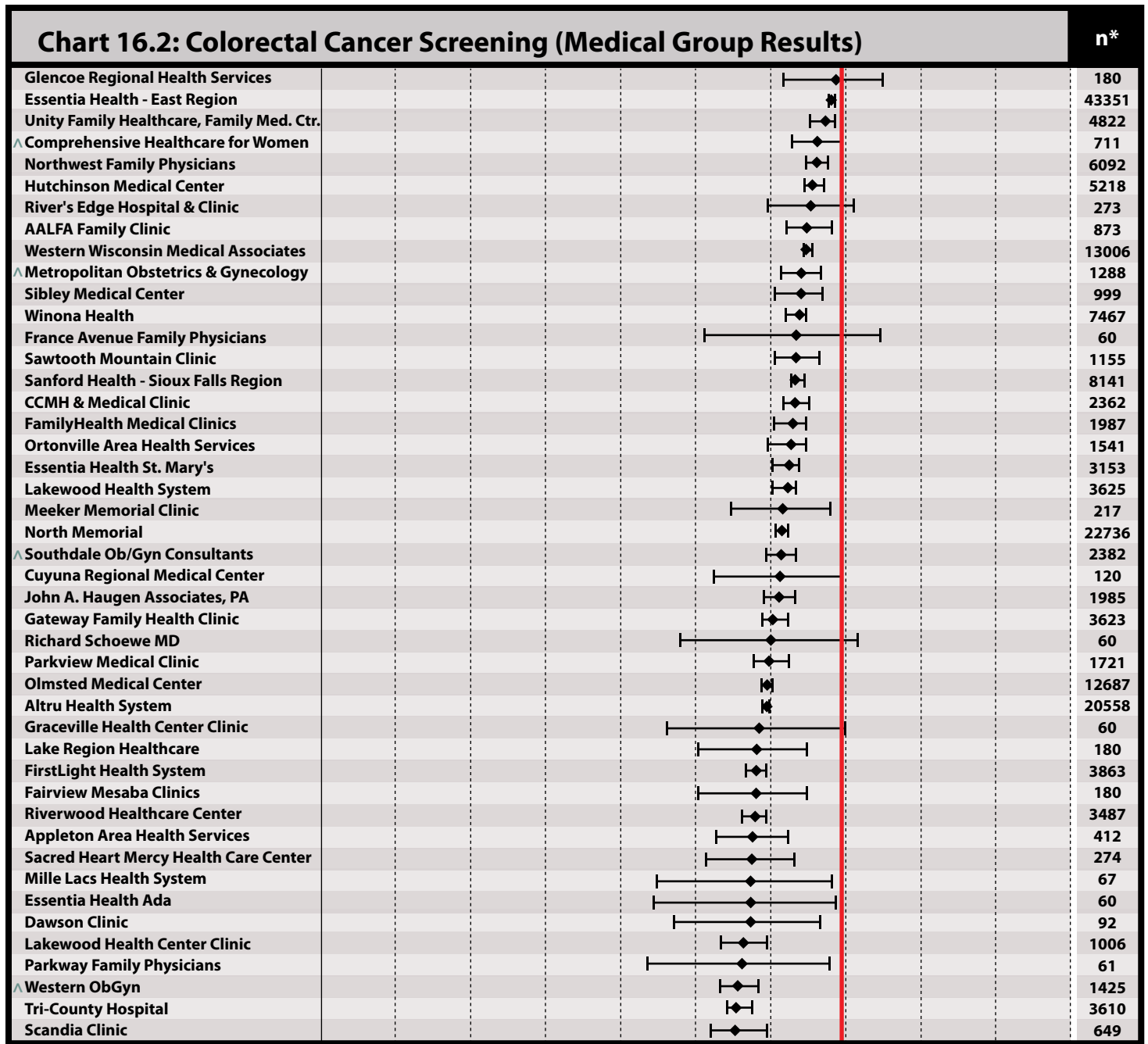
- New Richmond

#### North Dakota - 2 out of 39 (3%)

**Sanford Health - Fargo Region**

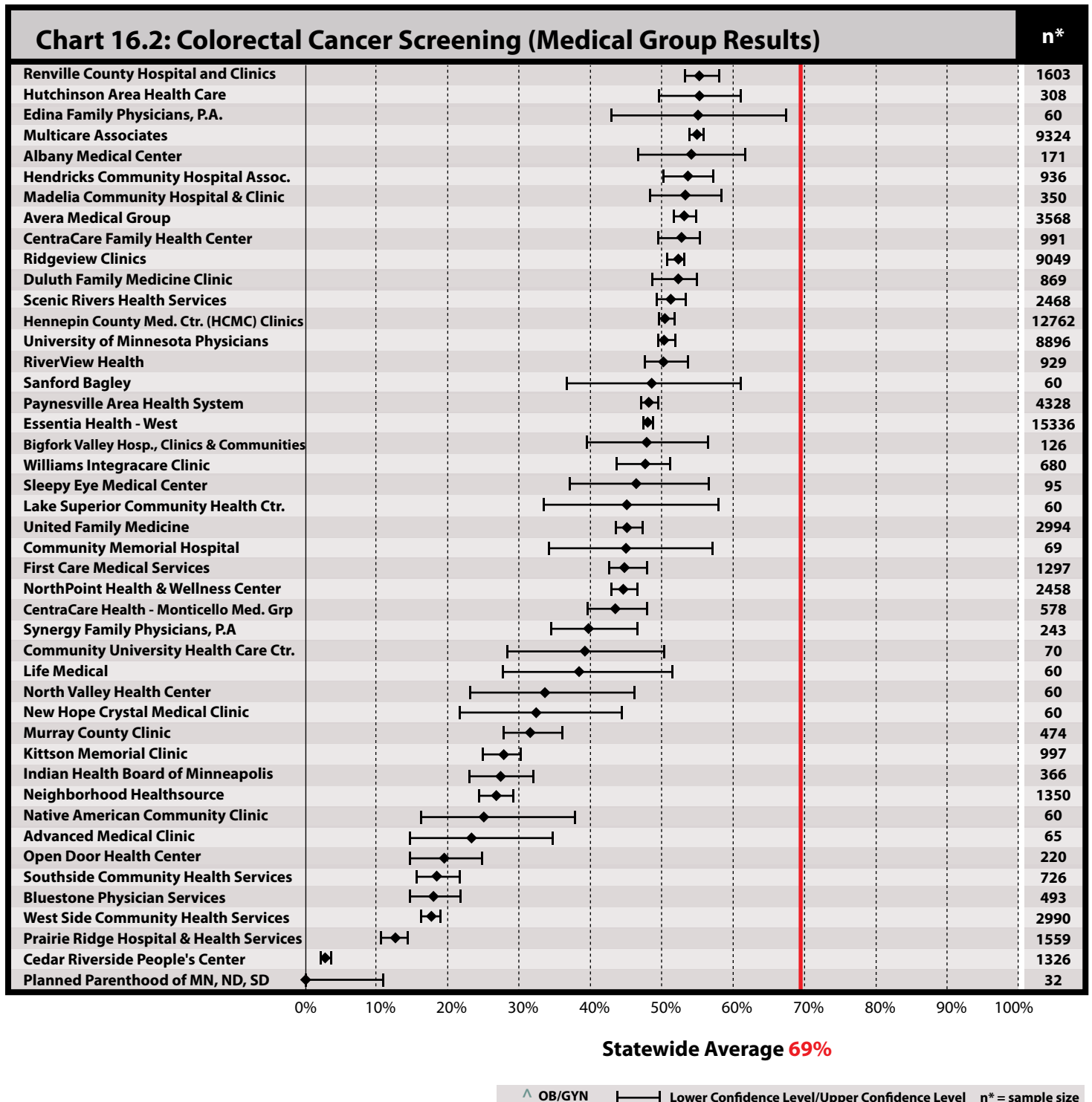
- Broadway Internal Medicine
- Southpointe Internal Medicine





**Statewide Average 69%**

^ OB/GYN    |——| Lower Confidence Level/Upper Confidence Level    n\* = sample size



## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 69 percent of patients 51-75 years of age had appropriate screening for colorectal cancer. **Minnesota Gynecology & Surgery** set the benchmark of 99 percent. There were 33 of 135 medical groups with rates and confidence intervals fully above the medical group level average. The high-performing medical groups are below from high to low:

- Minnesota Gyn & Surgery
- Clinic Sofia Ob/Gyn
- Catalyst Medical Clinic
- Paul Larson Ob/Gyn Clinic
- Oakdale Ob/Gyn
- Steven Saliterman, MD
- CentraCare Health
- Grand Itasca Clinic
- Adefris & Toppin Women's Specialists
- Partners Ob/Gyn
- HealthPartners Central Minnesota Clinics
- Quello Clinic
- Fairview Health Services
- HealthPartners Clinics
- Mankato Clinic, Ltd.
- HealthEast Clinics
- Stillwater Medical Group
- Burnsville Family Physicians
- Women's Health Consultants
- Allina Health System
- Allina Medical Clinic
- OBGYN West
- Affiliated Community Medical Centers
- Edina Sports Health & Wellness
- Aspen Medical Group
- Family Practice Medical Center of Willmar
- Alexandria Clinic
- Park Nicollet Health Services
- Mayo Clinic
- Integrity Health Network
- Entira Family Clinics (formerly Family Health Services MN)
- Mayo Clinic Health System
- Sanford Health - Fargo Region

### Biggest improvement from 2012-2013

The greatest improvements since report year 2013 in Colorectal Cancer Screening (medical group results) was made by **Mille Lacs Health System**, whose score increased by more than 41 percentage points.

### Medical group performance over time (2010-2013)

Not applicable.



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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Chlamydia Screening in Women

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

January 1 - December 31, 2012 dates of service

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

The statewide rate for Chlamydia Screening is 48 percent. Table 17 displays the details of the 2012 rate. Figure 17 displays the statewide rates over time. Since the 2010 report year, the rate has remained 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 (the bold line).

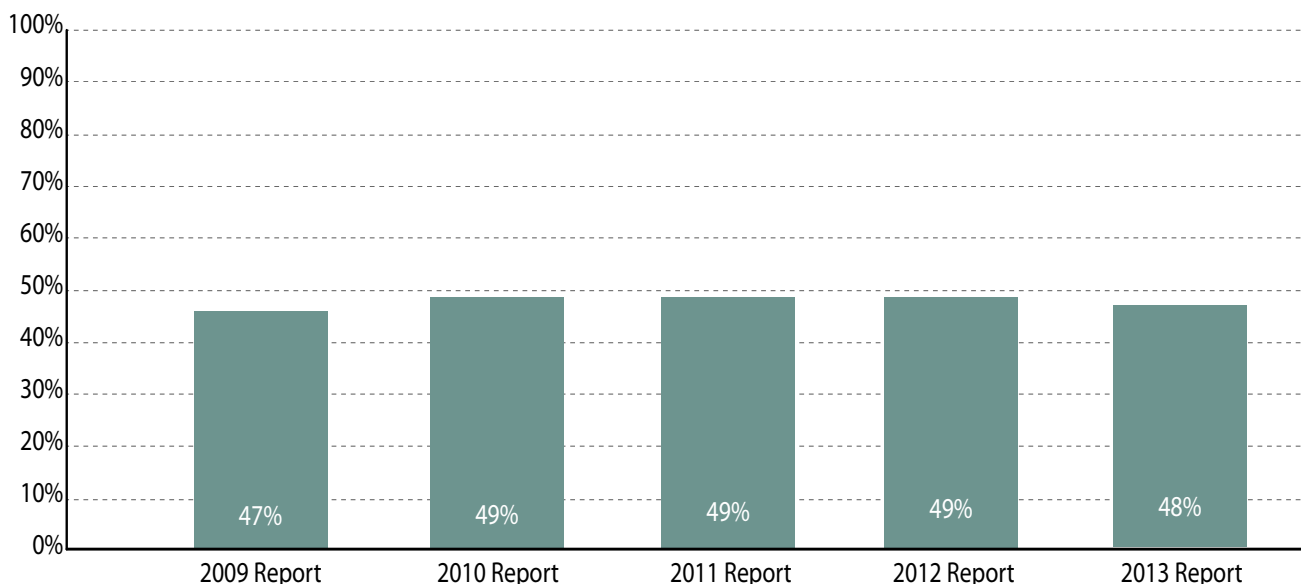
The data for this measure are collected from health plan claims.

**Table 17: Statewide Rate for Chlamydia Screening in Women\***

	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Chlamydia Screening	47.8%	47.4%-48.2%	33,660	70,421

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

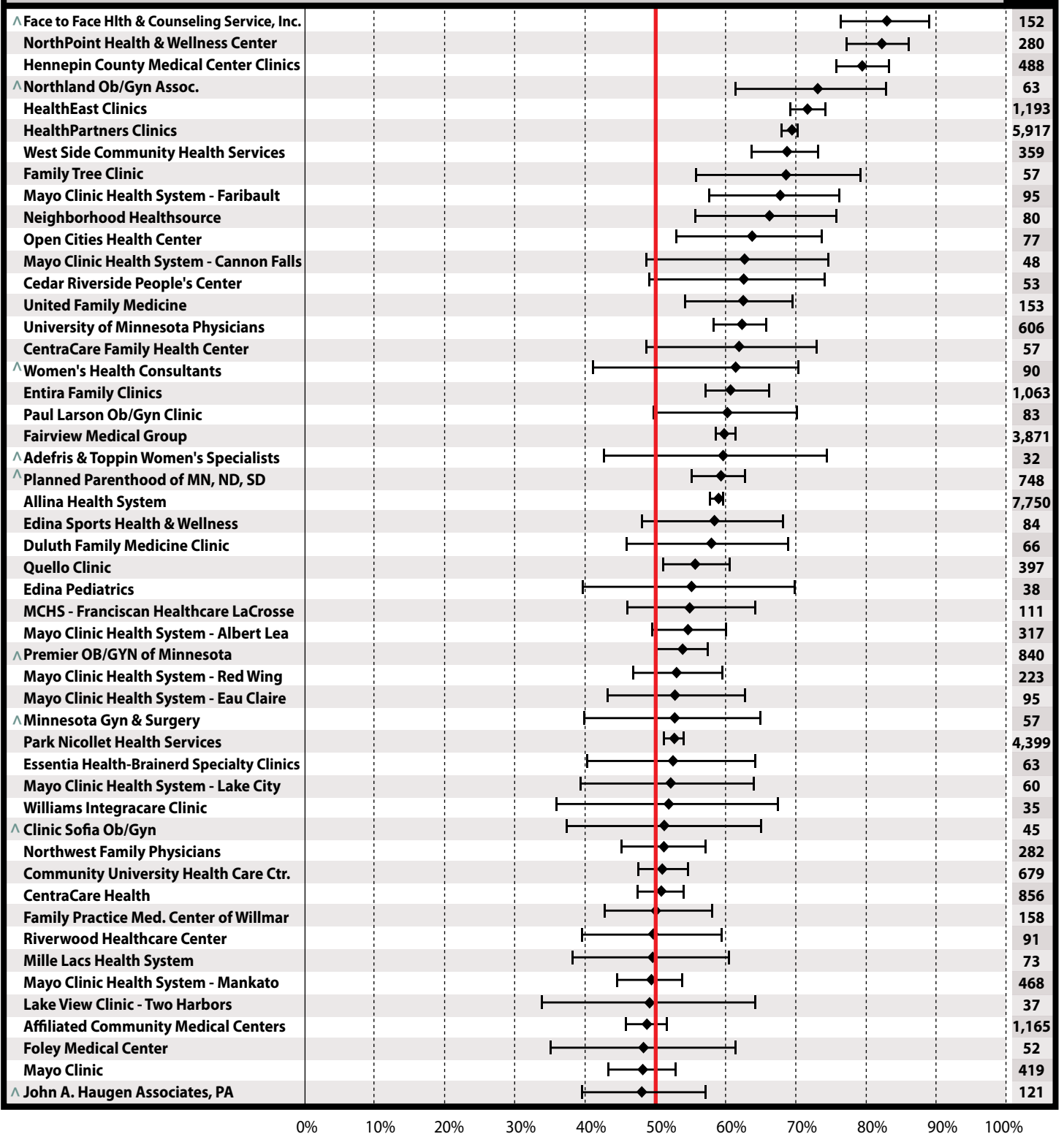
**Figure 17: Statewide Rates for Chlamydia Screening in Women Over Time**



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 17: Chlamydia Screening in Women Rates - Ages 16-24 by Medical Group**

n\*

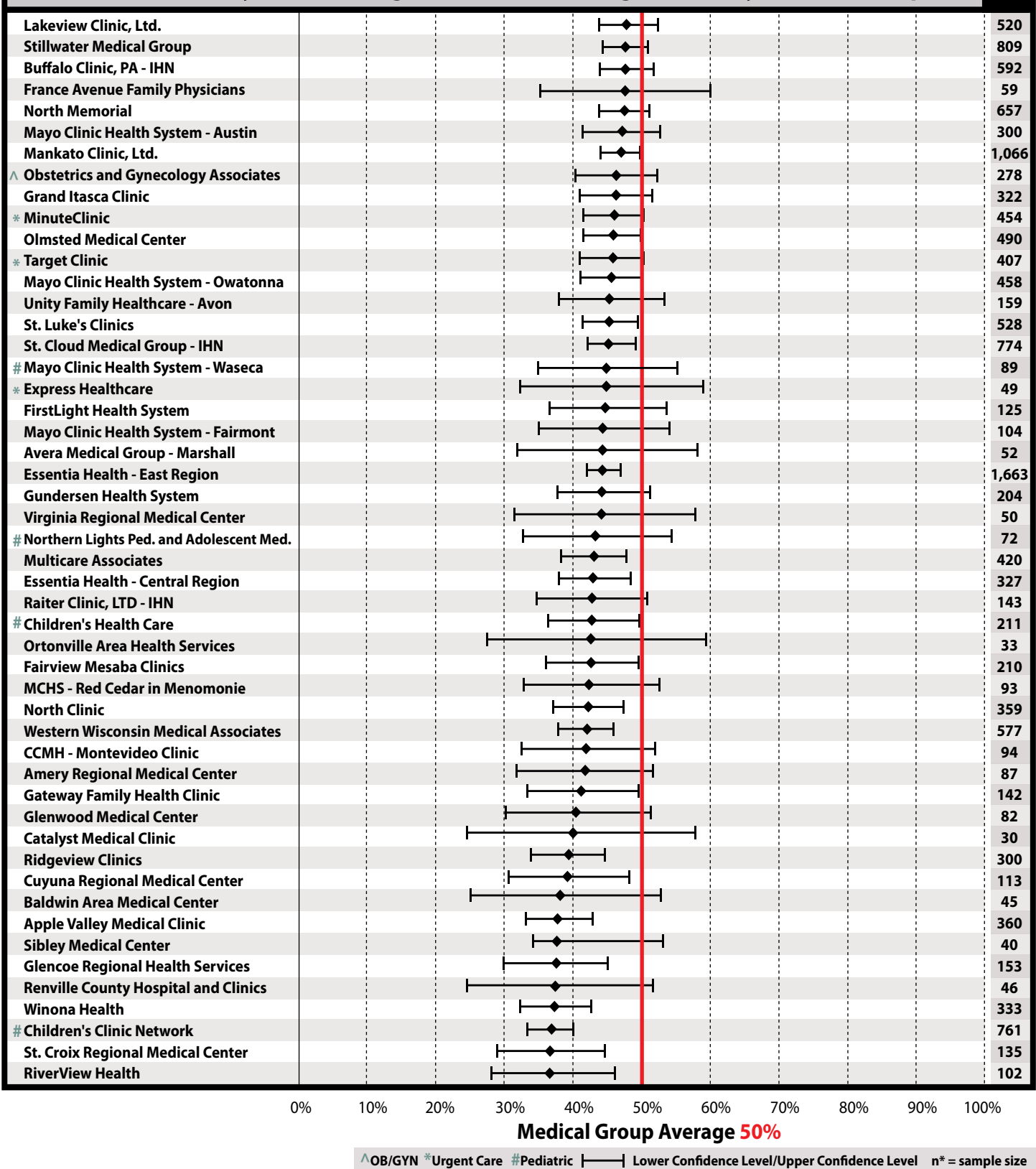


^OB/GYN \*Urgent Care #Pediatric |—| Lower Confidence Level/Upper Confidence Level n\* = sample size

\* 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 17: Chlamydia Screening in Women Rates - Ages 16-24 by Medical Group**

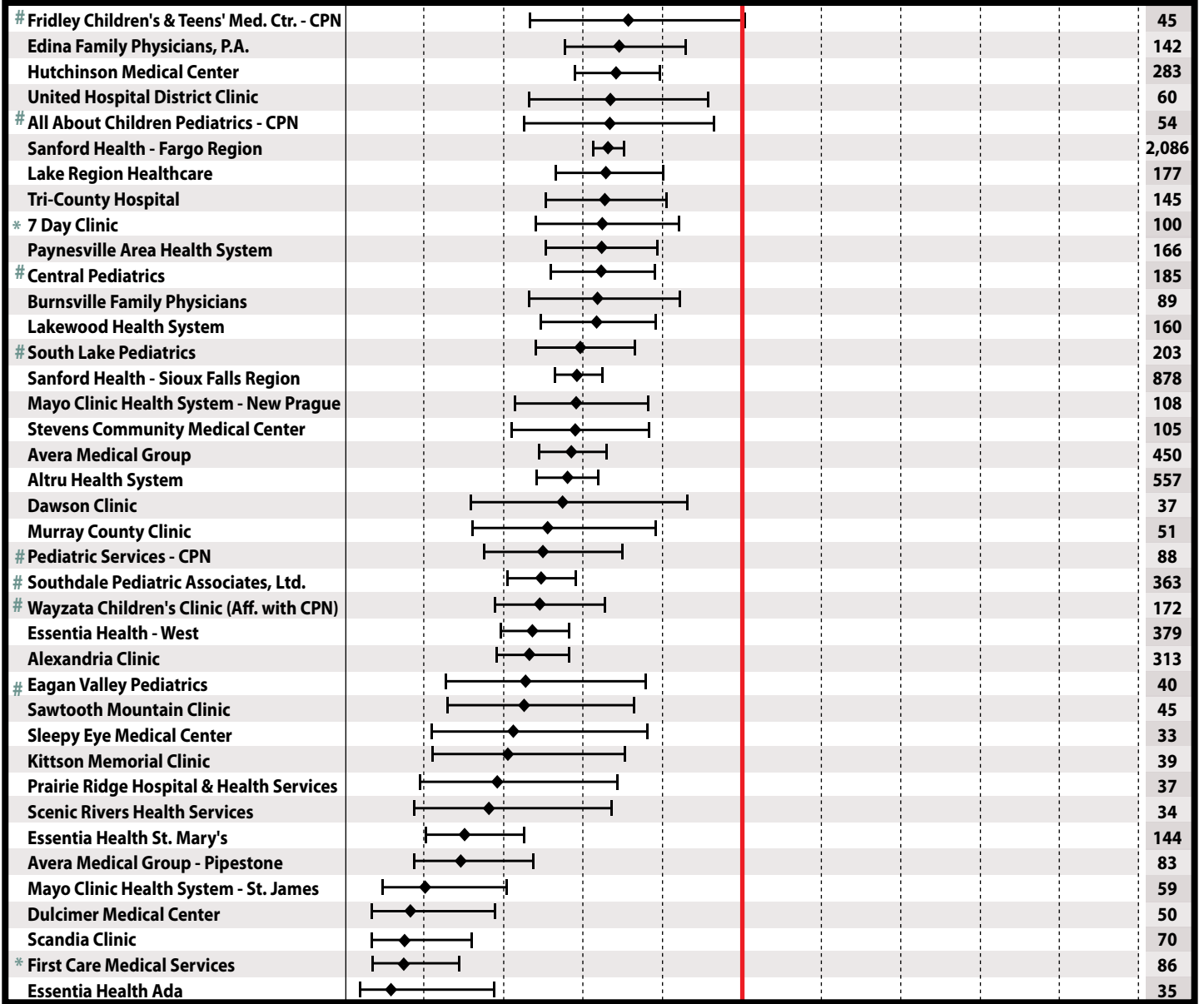
n\*



\* 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.

**Chart 17: Chlamydia Screening in Women Rates - Ages 16-24 by Medical Group**

n\*



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

**Medical Group Average 50%**

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

Staying Healthy

\* 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 Results

### Highest performers in 2013

Medical group results showed that an average of 50 percent of sexually active women ages 16-24 had a chlamydia test. **Face to Face Health and Counseling** set the benchmark of 83 percent. Twenty-one of 139 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Face to Face Health & Counseling Service, Inc.
- NorthPoint Health & Wellness Center
- Hennepin County Medical Center (HCMC) Clinics
- Northland Ob/Gyn Assoc.
- HealthEast Clinics
- HealthPartners Clinics
- West Side Community Health Services
- Family Tree Clinic - Neighborhood HealthCare Network
- Mayo Clinic Health System-Faribault
- Neighborhood Healthsource
- Open Cities Health Center
- United Family Medicine
- University of Minnesota Physicians
- Women's Health Consultants
- Entira Family Clinics (formerly Family Health Services MN)
- Fairview Medical Group
- Planned Parenthood of Minnesota, North Dakota, South Dakota
- Allina Health System
- Quello Clinic
- Premier OB/GYN of Minnesota
- Park Nicollet Health Services

### Biggest improvement from 2012-2013

The greatest improvement since report year 2012 in Chlamydia Screening (medical group results) was made by **Essentia Health - Brainerd Specialty Clinics**, whose score increased by more than 26 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over Time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following fifteen medical groups achieved consistently high performance and above-average rates over the past three years for Chlamydia Screening in Women:**

- Entira Family Clinics
- Face to Face Health & Counseling Service, Inc.
- Fairview Medical Group
- HealthEast Clinics
- HealthPartners Clinics
- Hennepin County Medical Center Clinics
- Mayo Clinic Health System-Faribault
- Neighborhood Healthsource
- Northland Ob/Gyn Assoc.
- NorthPoint Health & Wellness Center
- Open Cities Health Center
- Park Nicollet Health Services
- Quello Clinic
- University of Minnesota Physicians
- West Side Community Health Services

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

- 7 Day Clinic
- Lakewood Health System
- Northland Ob/Gyn Assoc.
- Tri-County Hospital
- United Hospital District Clinic
- Unity Family Healthcare - Avon
- West Side Community Health Services
- Women's Health Consultants

#### **Eleven groups showed consistent decreases over three years:**

- Dulcimer Medical Center
- Essentia Health - West
- Essentia Health St. Mary's
- Express Healthcare
- Glencoe Regional Health Services
- Lakeview Clinic, Ltd.
- Mayo Clinic Health System-New Prague, Belle Plaine, Montgomery
- Open Cities Health Center
- Sawtooth Mountain Clinic
- South Lake Pediatrics
- St. Croix Regional Medical Center

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

- Alexandria Clinic
- Community University Health Care Center
- Cuyuna Regional Medical Center
- Mayo Clinic Health System-Austin
- MinuteClinic
- Northern Lights Pediatric and Adolescent Medicine
- Quello Clinic
- Raiter Clinic, LTD-IHN
- University of Minnesota Physicians

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

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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Childhood Immunization Status - Combo 3

### Childhood Immunization Status - Combo 3 (Results at Medical Group Level)

January 1, 2012 - December 31, 2012 dates of service

This measures the percentage of two-year-old children who had received all of the following vaccines by their second birthday:

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

The statewide rate for Childhood Immunization Status - Combo 3 is 78 percent. Table 18 displays the details of the 2013 rate. Figure 18 shows the average rate for Childhood Immunization over time. Since the 2007 report, the rate had stayed relatively stable. The rate dropped in 2011, but increased in 2012 and has since remained stable. Chart 18 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

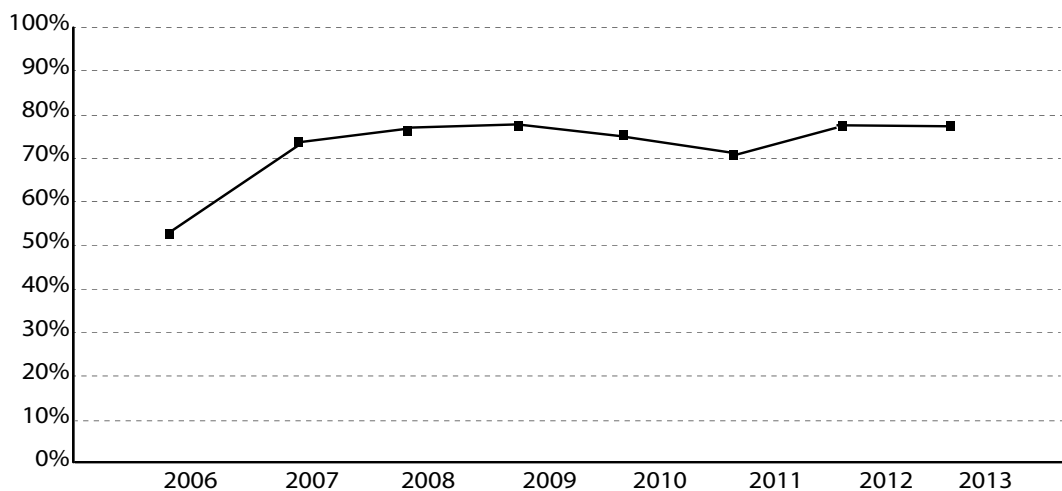
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC)

**Table 18: Statewide Rate for Childhood Immunization Status\***

	Statewide Average (Weighted)	95% CI	Numerator (Patients who had all vaccinations)	Denominator (Patients Sampled)	Total Eligible
Childhood Immunization	78.0%	76.9%-79.0%	4,497	5,798	24,789

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

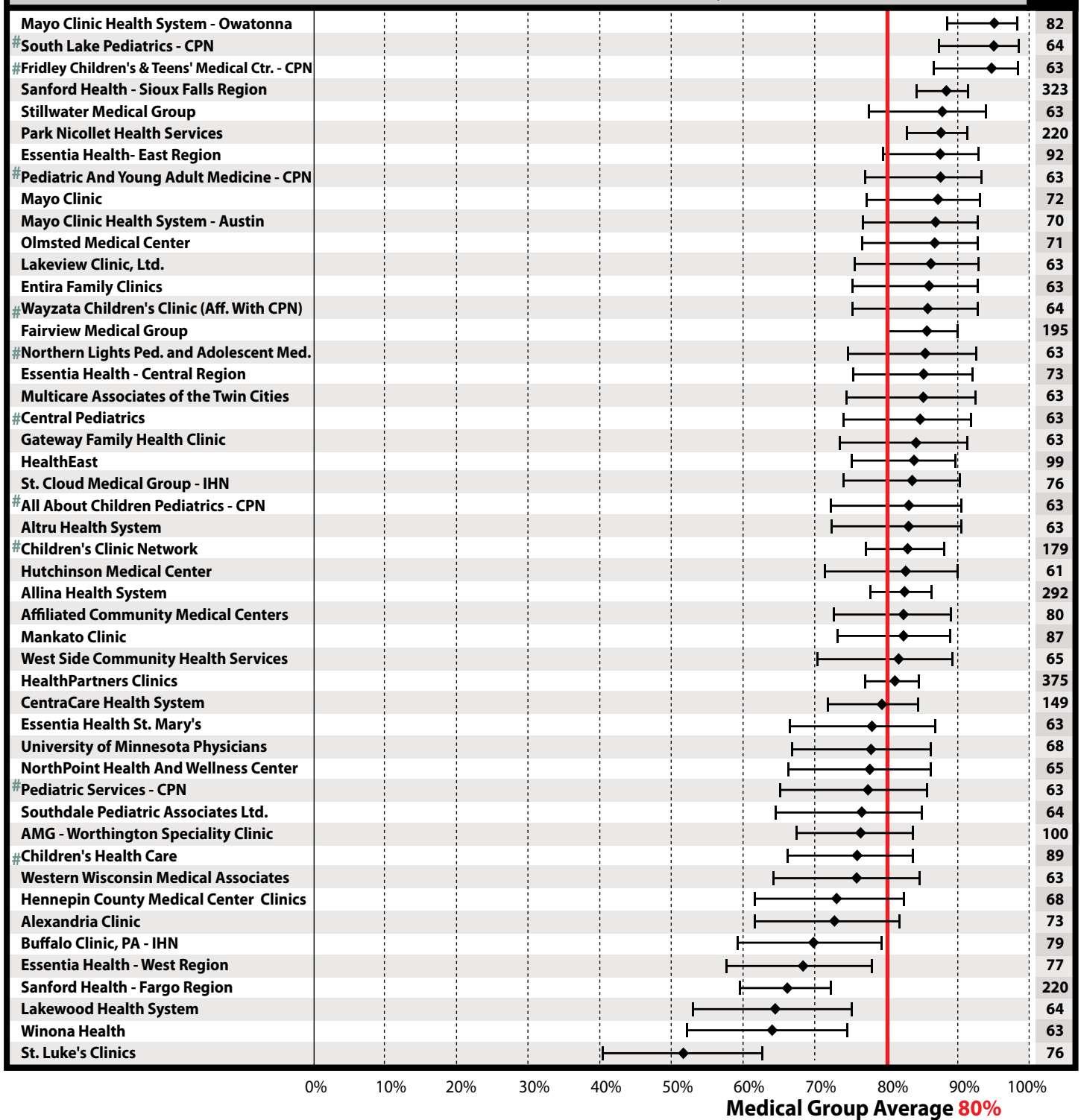
**Figure 18: Statewide Rates for Childhood Immunization Status Over Time**



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.

### Chart 18: Childhood Immunization Status Rates by Medical Group

n\*



Staying Healthy

# 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 Results

### Highest performers in 2013

Medical group results showed that an average of 80 percent of children two years of age were up-to-date with all recommended immunizations by their second birthday. **Mayo Clinic Health System - Owatonna** and **South Lake Pediatrics** set the benchmark of 95 percent. Six out of 48 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Mayo Clinic Health System- Owatonna
- South Lake Pediatrics - Children's Physician Network
- Fridley Children's & Teenagers' Medical Center - Children's Physician Network
- Sanford Health - Sioux Falls Region
- Park Nicollet Health Services
- Fairview Medical Group

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Childhood Immunizations (medical group results) was made by **South Lake Pediatrics**, whose score increased by more than 23 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2011-2013)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2011. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

**Zero medical groups achieved consistently high performance and above-average rates over the past three years for Childhood Immunization Status.**

**Sixteen medical groups showed consistent improvement over three years:**

- Buffalo Clinic, PA (Buffalo, Albertville-St. Michael, Monticello) - IHN
- Central Pediatrics
- Essentia Health - Central Region
- Essentia Health - East Region
- Fairview Medical Group
- Fridley Children's & Teenagers' Medical Center - Children's Physician Network
- Mayo Clinic Health System - Austin
- Mayo Clinic Health System - Owatonna
- Northern Lights Pediatric And Adolescent Medicine
- Olmsted Medical Center
- Park Nicollet Health Services
- Sanford Health - Sioux Falls Region
- South Lake Pediatrics - Children's Physician Network
- Stillwater Medical Group
- University of Minnesota Physicians
- Western Wisconsin Medical Associates

**One group showed consistent decreases over three years:**

- Essentia Health - West Region

**Zero medical groups had a rate that was relatively stable over three years.**

**Twenty-five medical groups did not have a discernable pattern over three years.**

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# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Immunizations for Adolescents

### Adolescent Immunizations (Results at Medical Group Level)

January 1, 2012 - December 31, 2012 dates of service

This measures the percentage of 13-year-olds who had received one dose of meningococcal vaccine and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) by their thirteenth birthday.

The statewide rate for Immunizations for Adolescents is 59 percent. Table 19 displays the details of the 2013 rate. Chart 19 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

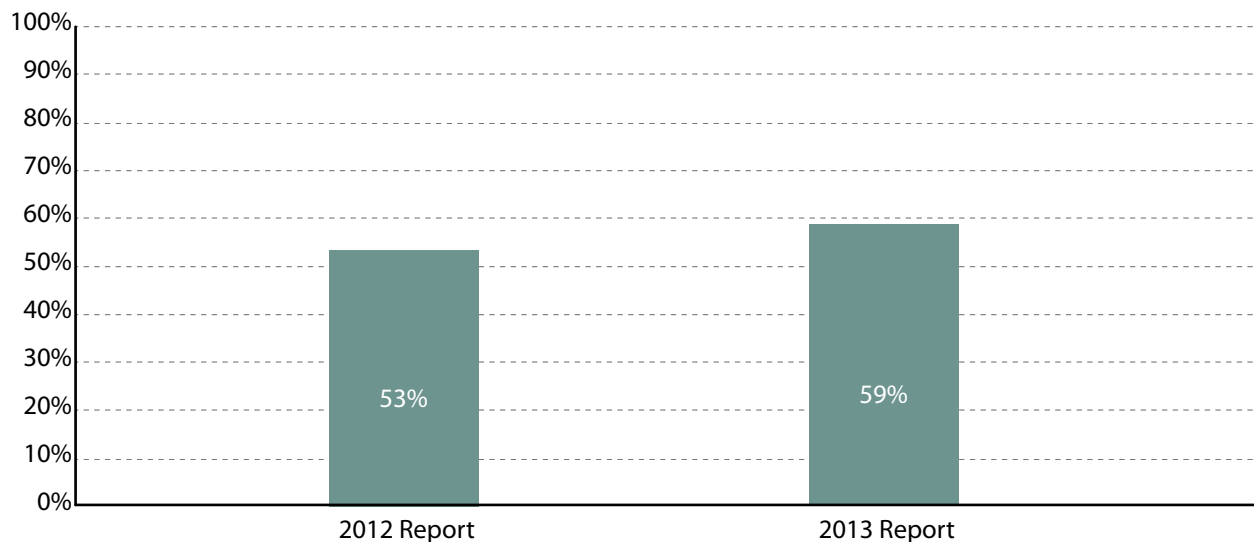
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC) and medical record review.

**Table 19: Statewide Rate for Immunizations for Adolescents\***

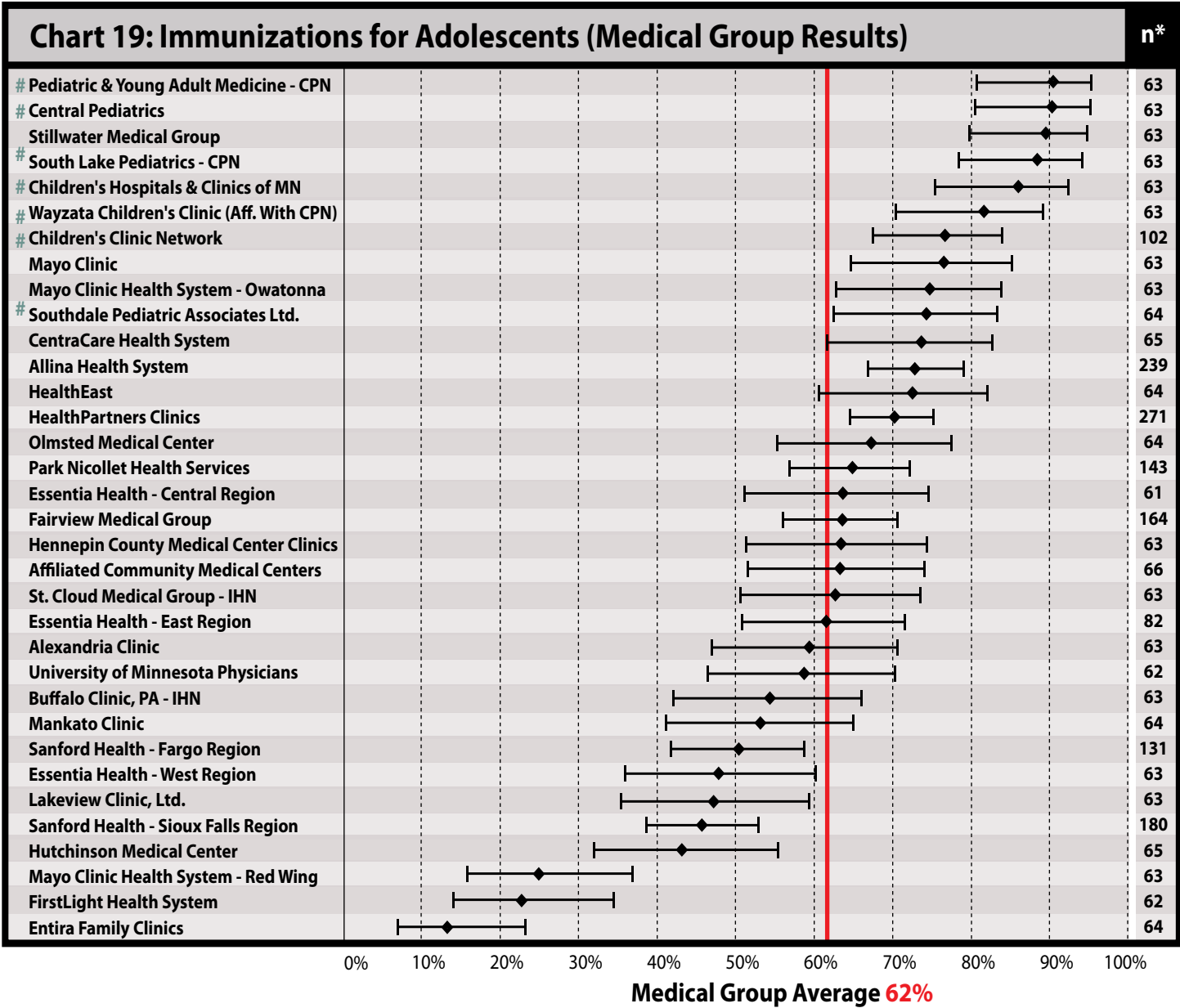
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Immunizations for Adolescents	58.8%	57.5% - 60.2%	2,770	5,074	26,841

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

**Figure 19: Statewide Rates for Immunizations for Adolescents 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.

## Performance Highlights - Medical Group Results

### Highest performers in 2013

Medical group results showed that an average of 62 percent of 13-year-olds were up-to-date with all recommended immunizations by their thirteenth birthday. **Pediatric and Young Adult Medicine** set the benchmark of 91 percent. Thirteen out of 34 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Pediatric and Young Adult Medicine - Children's Physician Network
- Central Pediatrics
- Stillwater Medical Group
- South Lake Pediatrics - Children's Physician Network
- Children's Hospitals & Clinics of Minnesota
- Wayzata Children's Clinic (Affiliated With Children's Physician Network)
- Children's Clinic Network
- Mayo Clinic
- Mayo Clinic Health System- Owatonna
- Southdale Pediatric Associates Ltd
- CentraCare Health System
- Allina Health System
- HealthPartners Clinics

### Biggest improvement from 2012-2013

The greatest improvements since report year 2012 in Immunization for Adolescents (medical group results) was made by **Affiliated Community Medical Centers**, whose score increased by more than 22 percentage points.

### Medical group performance over time (2011-2013)

Not applicable.



## Care that is Responsive to a Patient's Needs and Preferences

### Patient Experience of Care Measures (Clinic Level Results)

Patient experience of care refers to everything that happens to patients from the moment they walk into the provider's office until the end of the appointment. It also includes all phone calls and/or other contact a patient has with the provider's office before or after appointments.

Beginning in 2012, a patient experience survey was mandated under the Minnesota Department of Health's Statewide Quality Reporting and Measurement System for eligible clinics who met size and specialty criteria.

The Patient Experience of Care data were collected from patient responses to the Clinician & Group – Consumer Assessment of Healthcare Providers and Systems® (CG-CAHPS) Visit survey. The survey was mailed or completed over the phone on a random sample of patients ages 18 and older who had office visits during September through November 2012. More than 230,000 patients in MN and surrounding areas (Wisconsin and North Dakota) responded to the survey.

The results were collected and reported at the clinic level. Of the 717 clinics that participated in the survey, 661 clinics had reportable results based on reaching reliability threshold counts for responses.

The analysis of the data produced four composite scores called "domains," for each clinic. These clinic domain scores were reported as top box scores – meaning the percent of responses that rated the clinic with the "most positive" response.

- **Access to care** (availability of appointments, care and information when needed over the past year)
- **Courtesy and respect of office staff** (how polite and helpful office staff had been, for example, a receptionist that treats patients with courtesy and respect)
- **Communication with doctors** (how well providers listen and explain care instructions in a way that patients understand)
- **Provider rating question** (how a patient would rate the provider on a 0-to-10 point scale with zero being the worst possible provider and ten being the best possible provider to identify an overall positive experience after which patients are likely to recommend their provider to others)

Across all respondents, the overall top box domain averages were:

- Access to Care: 60 percent
- Provider Communication: 90 percent
- Courteous & Helpful Office Staff: 91 percent
- Provider Rating: 78 percent

To view the individual results for all reporting clinics, go to [www.mnhealthscores.org](http://www.mnhealthscores.org). The sort order of the clinics on MN Health Scores is based on a single averaged domain score. All reported domain scores for an individual clinic, up to four, are averaged and this rolled up average determines the sort order.

There were 28 clinics whose overall average across all responses was significantly higher in each of 4 domains when compared to the overall average of all other clinics (see Table X). These clinics are a mix of multi-specialty/primary care (64 percent), in the Metro area (53 percent), and in larger practices of over 100 providers (61 percent).

There were 95 clinics (or 14 percent) that were significantly higher in three of four domain scores, 199 clinics (or 30 percent) significantly higher in two of four domain scores, and 349 (or 53 percent) significantly higher in one of four domain scores.

More information on the patient experience of care measure will be provided at a later date.

This is a biennial measure, and the next cycle is in 2014 with public reporting in 2015.

## Performance Highlights - Clinic Level Results

### Highest Performers in 2013

The clinics listed below are significantly higher in their overall domain averages (across all response options) than their peers for all four domains. The clinics are listed alphabetically by their medical group name and with the particular site bulleted.

#### **Affiliated Community Medical Centers**

- New London

#### **Allina Health System**

- Heart & Vascular Institute Coon Rapids
- Minneapolis Health Institute - Baxter

#### **Big Lake Clinic**

#### **CentraCare Health System**

- River Campus - Nephrology
- River Campus - Rheumatology
- St. Joseph

#### **Entira Family Clinics**

- Highland
- Shoreview

#### **Essentia Health - East Region**

- Lakewalk

#### **Fairview Health Services**

- Rogers

#### **HealthEast Clinics**

- Cancer Care - St. John's Hospital
- Downtown St. Paul

#### **HealthPartners Clinics**

- Woodbury

#### **Lexington Eye Associates**

#### **Mayo Clinic**

- Northwest
- Specialty Practice

#### **Minnesota Oncology Hematology PA**

- Burnsville
- Fridley
- Minneapolis

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

- Shakopee

#### **Paul Larson Ob/Gyn Clinic**

#### **Sanford Health - Fargo Region**

- Parkers Prairie Clinic

#### **St. Cloud Hospital Clinics**

- Coburn Cancer Center

#### **St. Luke's Clinics**

- Endocrinology Associates
- Internal Medicine Associates

#### **University of Minnesota Physicians**

- Mill City
- University Clinic

# Results by Measure

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

### **Section Contents**

#### **Health Information Technology Survey**

This survey 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 providers when needed. This helps prevent mistakes and reduce the need to repeat tests or delay decisions. 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.

#### **Hospital Measures**

Process of Care and Outcome of Care hospital measure results have been provided by the Centers for Medicare and Medicaid Services (CMS) and the Agency for Healthcare Research and Quality (AHRQ). Process of Care results show how successful Minnesota hospitals are in helping patients get all the care they need for treatment of heart attacks, heart failure, pneumonia, prevention of infections after surgery and special treatments given to surgical patients who have chronic conditions such as heart failure. Outcome of Care results show how successful Minnesota hospitals are in helping patients achieve good medical outcomes related to complex surgeries and procedures.

#### **Ambulatory Surgical Center (ASC) Measures**

- **Appropriate Surgical Site Hair Removal** – Measures the percentage of patients who have appropriate surgical site hair removal.
- **Hospital Transfer/Admission** – Measures the percentage of patients who are transferred or admitted to a hospital upon discharge from the ASC.
- **Prophylactic IV Antibiotic Timing** – Measures the percentage of patients with an order for a prophylactic IV antibiotic for prevention of surgical site infection, who receive the prophylactic antibiotic on time.

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

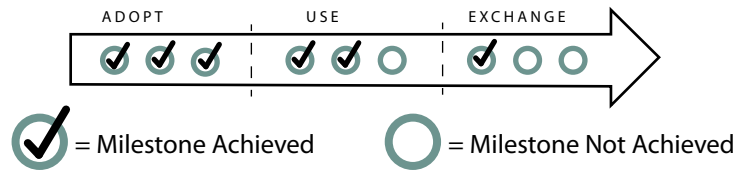
## Health Information Technology (HIT) Measures

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 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 checkmarks shows more extensive HIT use, which relates to higher quality care.



<b>ADOPT</b>	<b>USE</b>	<b>EXCHANGE</b>
 Planning on adopting an EHR	 Use the EHR to retrieve lab and test results	 Do electronic prescribing
 Started installation of an EHR	 And also use the EHR to track patient's health problems and track doctor orders	 And also send or receive electronic data from the EHR with hospitals in the doctor's network
 Fully installed EHR	 And also use the EHR to create benchmarks and remind patients when they are due preventative care	 And can also safely send or receive electronic information from the EHR with hospitals outside the doctor's network

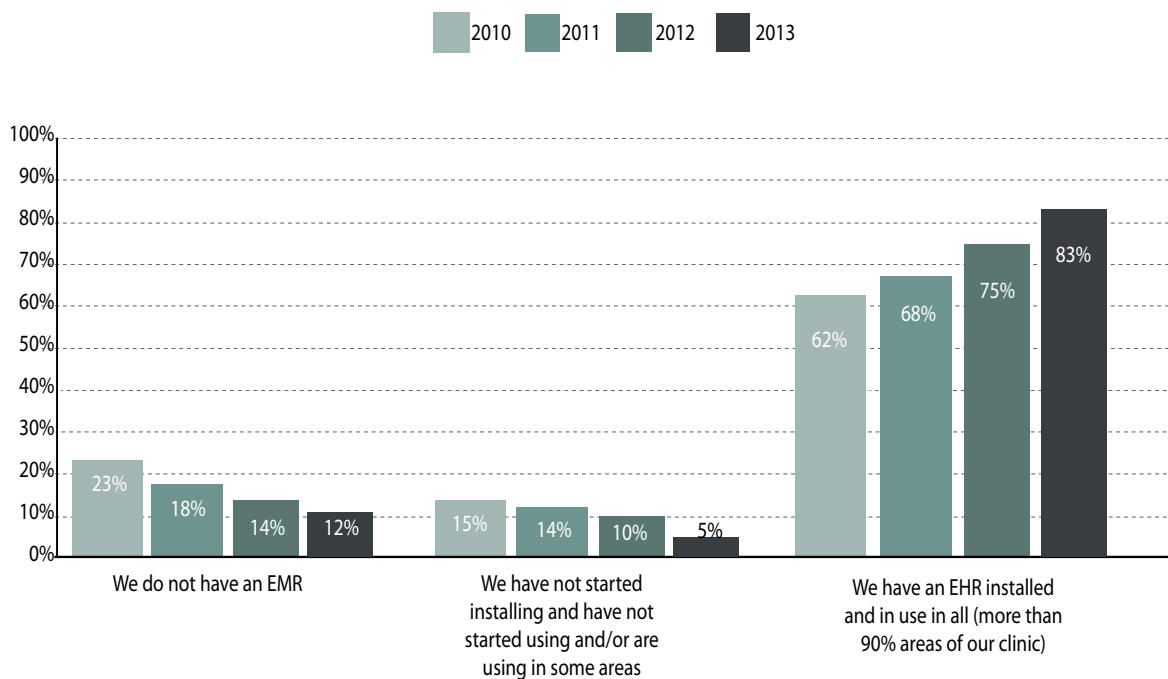
## Health Information Technology Measures

This report is based on clinic staff responses to the 2013 Health Information Technology (HIT) Ambulatory Clinic Survey, conducted on the internet by MN Community Measurement. A unique survey link was sent to each clinic registered with MNMCM, in Minnesota and bordering states. The survey was hosted in early 2013 and an 80 percent response rate was obtained from 1,364 respondents.

The total number of clinics responding to the HIT survey in previous years was 1,247 in 2012; 1,313 in 2011; and 1,198 in 2010.

The charts below represent the percentage of clinics in relevant electronic health record (EHR) adoption and utilization modes and show the increase of clinics use of EHRs over time.

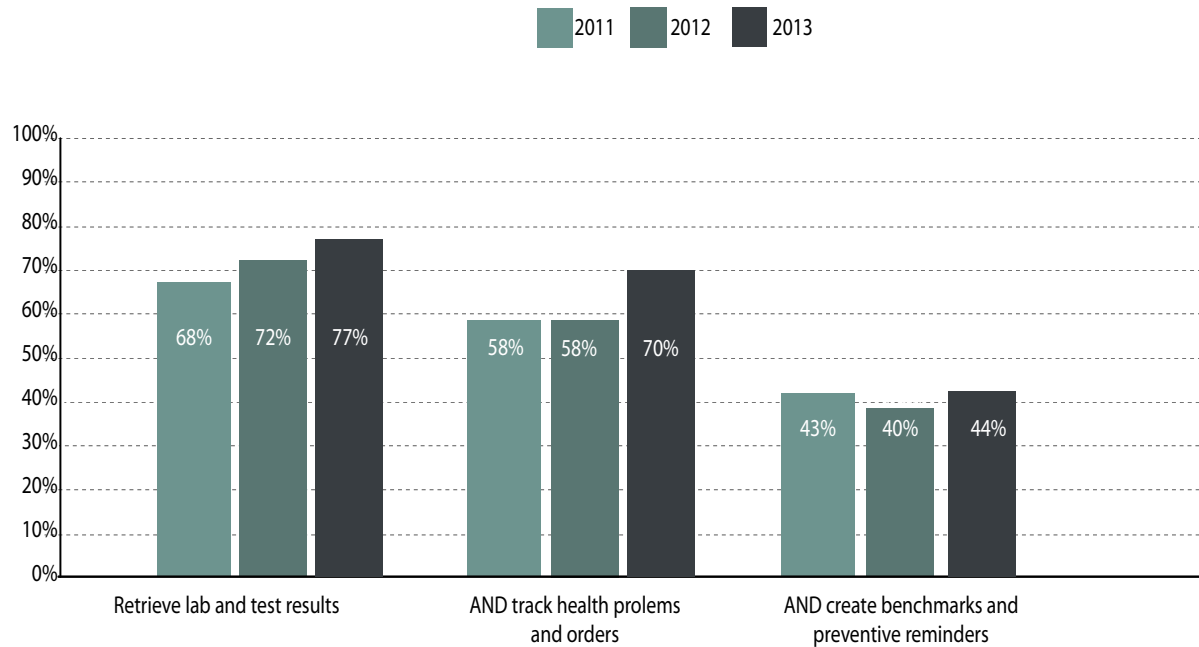
### EHR Adoption for Clinics Over Time



In 2013, 83 percent of clinics had an EHR installed and in use in all of their clinics, compared to 75 percent of clinics in 2012, 68 percent in 2011 and 62 percent in 2010. An additional 5 percent of respondents report installing or using an EHR in some of their clinics. Conversely, the percentage of clinics without an EHR has continued to fall each year. Currently, the self-reported percentage of clinics without EHR is 12 percent.

## Health Information Technology Measures

### EHR Utilization for Clinics Over Time



The chart above shows that the advancement of EHR utilization through phases 1 and 2 has continued to increase over time. Seventy-seven percent of clinics are using their EHR to retrieve lab and test results; and 70% of clinics also utilize EHR for patient problem lists and all orders. Yet the highest phase of utilization, the 3rd phase, which includes data benchmarking and creating patient preventive exam reminders, has remained steady since 2011 at about 40 percent.

Small differences in the number of checkmarks in the full report should not be of concern. It is more important to look at larger differences. The information in this report is collected annually between February 15th through March 15th, so results may not reflect recent advancements in an individual clinic's efforts to use HIT.

**For detailed measure results for individual clinics, please refer to the HealthScores website at: [www.mnhealthscores.org](http://www.mnhealthscores.org).**

# Hospital Measures

Measure results were made available courtesy of the Minnesota Hospital Association. Hospital measure results are not included in this report but can be found at MN HealthScores ([www.mnhealthscores.org](http://www.mnhealthscores.org)) and MNMCM's corporate website ([www.mncm.org](http://www.mncm.org)). Hospital measure results include inpatient quality indicators, patient safety indicators, and pediatric patient safety indicators that were developed by the Agency for Healthcare Research and Quality (AHRQ). In addition, results from the Centers for Medicare and Medicaid Services (CMS) Process of Care measures are included in this report. They include heart attack (AMI), heart failure, pneumonia, and surgical care. 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.

## **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 and pediatric 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.
- *Coronary Artery Bypass Graft (CABG) Volume* - This measure is used to assess the raw volume of provider-level coronary artery bypass graft (surgical procedure).
- *Coronary Artery Bypass Graft (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.

### **Patient Safety Indicators**

- *Hip Fracture Mortality Rate* - This measure is used to assess the number of deaths per 100 discharges with primary 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 four 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.

# Hospital Measures

## Pediatric Patient Safety Indicators

- *Pediatric Heart Surgery Mortality Rate* - This measure is used to assess the number of in-hospital deaths in pediatric patients undergoing congenital heart disease repair or undergoing a non-specific heart surgery with a diagnosis of congenital heart disease present.
- *Pediatric Heart Surgery Volume* - This measure is used to assess the raw volume of provider-level congenital heart disease repair or non-specific heart surgery with a diagnosis of congenital heart disease present in pediatric patients.

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

The following are Process of Care measures reported through Hospital Compare ([www.hospitalcompare.hhs.gov](http://www.hospitalcompare.hhs.gov)). 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 prescribed at discharge (AMI-2)
- 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 morbidity and mortality. 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)
- Appropriate care measure – percent of patients that met ALL heart failure process of care measures, if eligible

**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:

- Blood cultures performed in the emergency department prior to initial antibiotic received in hospital (PN-3b)
- Initial antibiotic selection for community-acquired pneumonia (CAP) in immunocompetent patients (PN-6)
- Appropriate care measure - Percent of patients that met ALL pneumonia process of care measures, if eligible



# Hospital Measures

**All Surgical Care Improvement Project (SCIP) Process of Care measures.** Hospitals can reduce the risk of complications such as 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-1a)
- Prophylactic antibiotic selection for surgical patients (SCIP-Inf-2a)
- Prophylactic antibiotics discontinued within 24 hours after surgery end time (SCIP-Inf-3a)
- Cardiac surgery patients with controlled 6 a.m. postoperative blood glucose (SCIP-Inf-4)
- Urinary catheter removed on postoperative day 1 or day 2 with day of surgery being day zero (SCIP-Inf-9)
- Surgery patients with perioperative temperature management (SCIP-Inf-10)
- Surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period (SCIP-Card-2)
- Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery (SCIP-VTE-2)

**Home Management Plan of Care Given to Patient/Caregiver (CAC-3).** This measure is used to assess the number of pediatric asthma inpatients with documentation in the medical record that a Home Management Plan of Care (HMPC) document was given to the pediatric asthma patient/caregiver.

## Prevention Immunization Process of Care measures

- Pneumococcal immunization (PPV23) assessed for inpatients 65 years of age and older AND inpatients aged between 6 and 64 years who are considered high risk and were screened for receipt of 23-valent pneumococcal polysaccharide vaccine and were vaccinated prior to discharge if indicated (PREV-IMM-1a)
- Influenza immunization assessed for inpatients age six months and older who were screened for seasonal influenza immunization status and were vaccinated prior to discharge if indicated (PREV-IMM-2)

## Mortality measures

- Hospital 30-day, all-cause, risk-standardized mortality rate following acute myocardial infarction hospitalization (MORT-30-AMI)
- Hospital 30-day, all-cause, risk-standardized mortality rate following heart failure hospitalization (MORT-30-HF)
- Hospital 30-day, all-cause, risk-standardized mortality rate following pneumonia hospitalization (MORT-30-PN)

## Emergency department Process of Care measures

- Median time from ED arrival to ED departure for admitted ED patients (ED-1a)
- Admit decision time to ED departure time for admitted patients (ED-2a)

## Outpatient acute myocardial infarction and chest pain measures

- Fibrinolytic therapy received within 30 minutes of emergency department (ED) arrival (OP-2)
- Median time to transfer to another facility for acute coronary intervention (OP-3)
- Aspirin at arrival (OP-4)
- Median time to ECG (OP-5)

# Hospital Measures

## **Hospital Consumer Assessment of Healthcare Providers and Systems (H-CAHPS®) Survey**

H-CAHPS® is a survey instrument and data collection methodology for measuring patients' perceptions of their hospital experience. Hospital patient experience refers to important things that happen to patients from the time they enter the hospital until they leave. It also includes patients' opinions about their overall hospital stay.

High quality hospital care includes positive interactions with doctors, nurses and hospital staff:

- Nurses communicate well with patients
- Doctors communicate well with patients
- Patients receive help as soon as they want after pressing the call button
- An overall positive experience after which patients are likely to recommend their hospital to others

## **Vermont Oxford Network (VON)**

**Late sepsis or meningitis in very low birth weight neonates.** This measure is used to assess the infection rate for inborn and outborn infants meeting certain age and weight requirements for hospitals with a level 3 neonatal intensive care unit (NICU).

## **Centers for Disease Control and Prevention/National Healthcare Safety Network (NHSN) - Based Healthcare-Associated Infection**

**Central line-associated bloodstream infection (CLABSI) event.** This measure is used to assess the infection rate of patients with a central-line associated bloodstream infection (CLABSI) event by inpatient hospital unit for hospitals with a neonatal intensive care unit (NICU) and/or pediatric intensive care unit (PICU).

**For detailed measure results for individual Minnesota hospitals, please refer to the MN HealthScores website at: [www.mnhealthscores.org](http://www.mnhealthscores.org).**

**Our website shows only a portion of available H-CAHPS® data. For an expanded list of HCAHPS® measures and for more hospital patient experience information, visit the Minnesota Hospital Association's Hospital Quality Report at: [www.mnhospitalquality.org](http://www.mnhospitalquality.org).**

# Ambulatory Surgical Center Measures

## Ambulatory Surgical Center Measures Results

(July 1, 2011 – June 30, 2012 dates of service)

### Appropriate Surgical Site Hair Removal

This measures the percentage of patients who have appropriate surgical site hair removal.

### Hospital Transfer/Admission

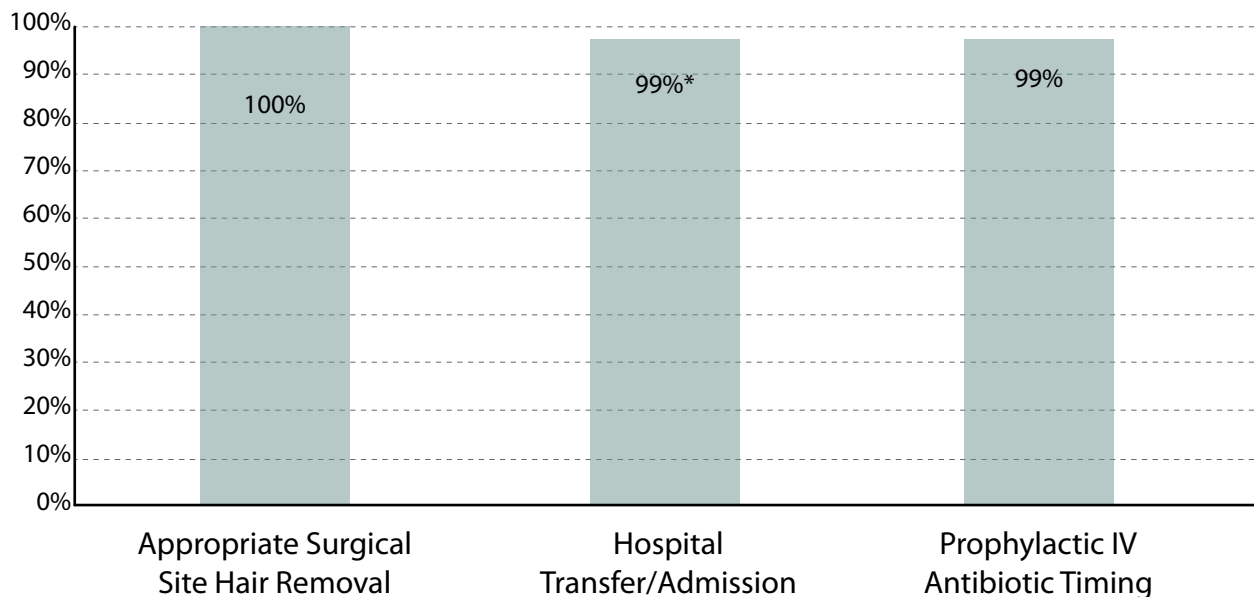
This measures the percentage of patients who are transferred or admitted to a hospital upon discharge from the ambulatory surgical center.

### Prophylactic IV Antibiotic Timing

This measures the percentage of patients with an order for a prophylactic IV antibiotic for prevention of surgical site infection, who receive the prophylactic antibiotic on time.

*The data collected for these measures is reported directly to MNMCM by ambulatory surgery centers from electronic health records or paper-based medical charts.*

**Figure 20: Statewide Ambulatory Surgical Center Rates**



\* This percentage has been inverted and reflects the percentage of patients who were not transferred or admitted to a hospital upon discharge from the ASC.

## 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 2012 to 2013, as well as the percentage point change over time for applicable measures. We were unable to make rate comparisons to previous years for some measures because specifications changed to align with emerging evidence-based guidelines or because this was the first year the measures were reported.

There are 18 of the 20 measures that had performance rates that could be compared to last year. Of those 18 measure, 13 measures, had a statewide rate that increased (Depression Remission at Six Months, Depression Response at Six Months, Depression Remission at Twelve Months, Depression Response at Twelve Months, Optimal Asthma Care - children ages 5-17, Optimal Asthma Care - adults ages 18-50, Follow-up Care for Children Prescribed ADHD Medication, Appropriate Treatment for Children with URI, Appropriate Treatment for Adult Bronchitis, Colorectal Cancer Screening, Controlling High Blood Pressure, Adolescent Immunizations, and Childhood Immunization Status - combo 3). Five measures had a statewide rate that decreased (Optimal Diabetes Care, Use of Spirometry Testing in the Assessment and Diagnosis of COPD, Appropriate Testing for Children with Pharyngitis, Breast Cancer Screening, Cervical Cancer Screening, and Chlamydia Screening).

This was the third year of data collection for Optimal Asthma Care - children ages 5-17 and Optimal Asthma Care - adults ages 18-50. The 2013 statewide rate for each of these measures significantly increased from 2012. Results indicate that improvement was achieved in the clinic settings. The implementation of a valid asthma control tool may contribute to increased performance rates for both asthma populations.

The statewide rate for the Appropriate Treatment for Adult Bronchitis measure continued to increase, and over the past five years, the rate has increased from 18 percent in 2010 to 26 percent in 2013, translating to over 600 more adults appropriately treated for bronchitis.

Results for the “Staying Healthy” measures show that there is room for improvement. A noticeable decrease in the statewide rate was found for Cervical Cancer Screening, decreasing by about 6 percentage points over the past 10 years. The rate for the Childhood Immunization Status-Combo 3 measure has increased over the past seven years, but the rate has fluctuated between years, suggesting that this measure should still be an area of focus.

This is the second reporting year for the Adolescent Immunization measure. The statewide rate increased from 53 percent in 2012 to 59 percent in 2013, translating to 591 more adolescents who received one dose of meningococcal vaccine and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) by their 13th birthday.

Each of the statewide averages for the four depression measures achieved slight increases. While there is significant room for improvement, it is encouraging to see the progress being made for this specific population.

## Summary of Statewide Results

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

Quality Measure	2013 Statewide Average (2012 Dates of Service)	Percentage Point Change Statewide 2012 vs. 2013	Percentage Point Change Over Time
<b>“Living with Illness” measures</b>			
<b>Optimal Diabetes Care *</b> (Clinic Level Results)	37.7%	0.5 ↓	0.7 ↑
<b>Optimal Vascular Care *</b> (Clinic Level Results)	48.5%	0.9 ↓	N/A
<b>Depression Remission at Six Months</b> (Clinic Level Results)	6.9%	0.8 ↑	2.7 ↑ (5 Years)
<b>Depression Response at Six Months</b> (Clinic Level Results)	11.7%	1.2 ↑	2.5 ↑ (3 years)
<b>Depression Remission at Twelve Months</b> (Clinic Level Results)	5.5%	0.4 ↑	1.0 ↑ (4 Years)
<b>Depression Response at Twelve Months</b> (Clinic Level Results)	9.4%	0.7 ↑	1.2 ↑ (3 years)
<b>Controlling High Blood Pressure*</b> (Medical Group Level Results)	75.1%	0.1 ↑	9.6 ↑ (7 Years)
<b>Optimal Asthma Care- Children Ages 5-17*</b> (Clinic Level Results)	49.2%	12.0 ↑	24.9 ↑ (3 Years)
<b>Optimal Asthma Care- Adults Ages 18-50*</b> (Clinic Level Results)	40.1%	9.9 ↑	24.3 ↑ (3 Years)
<b>Use of Spirometry Testing in the Assessment and Diagnosis of COPD</b> (Medical Group Level Results)	37.8%	1.8 ↓	3.3 ↑ (4 Years)
<b>Follow-Up Care for Children Prescribed ADHD Medication</b> (Medical Group Level Results)	41.7%	0.7 ↑	3.6 ↑ (3 years)
<b>“Getting Better” measures</b>			
<b>Appropriate Treatment for Children with URI</b> (Medical Group Level Results)	88.8%	0.9 ↑	2.1 ↑ (8 years)
<b>Appropriate Treatment for Children with Pharyngitis</b> (Medical Group Level Results)	88.7%	0.2 ↓	6.9 ↑ (8 years)
<b>Appropriate Treatment for Adult Bronchitis</b> (Medical Group Level Results)	25.6%	5.2 ↑	6.3 ↑ (5 years)
<b>“Staying Healthy” measures</b>			
<b>Breast Cancer Screening (Mammograms)</b> (Medical Group Level Results)	72.6%	0.1 ↓	2.7 ↓ (10 Years)
<b>Cervical Cancer Screening (Pap test)</b> (Medical Group Level Results)	72.2%	2.6 ↓	5.6 ↓ (10 Years)
<b>Colorectal Cancer Screening*</b> (Clinic Level Results)	68.8%	1.2 ↑	5.1 ↑ (3 Years)
<b>Chlamydia Screening (Ages 16-24)</b> (Medical Group Level Results)	47.8%	1.0 ↓	0.5 ↑ (5 Years)
<b>Childhood Immunization Status (Combo 3) *</b> (Medical Group Level Results)	78.0%	0.4 ↑	26.3 ↑ (8 Years)
<b>Adolescent Immunizations *</b> (Medical Group Level Results)	58.8%	5.4 ↑	N/A

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

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

## Highest Performers in 2013 by Medical Group Type for Clinical Measures

The following tables 22A-22D 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.

Five 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 2013 - Primary Care**

Measure	Health Partners Clinics 12 out of 18	Entira Family Clinics 10 out of 18	Fairview Health Services 12 out of 18	Park Nicollet Health Services 10 out of 18	Quello Clinic 10 out of 18
ADHD					
Adolescent Immunizations	●		●		
Breast Cancer Screening	●			●	●
Bronchitis	●				●
Cervical Cancer Screening	●		●	●	
Childhood Immunization Status (Combo 3)			●	●	
Chlamydia Screening	●	●	●	●	●
Colorectal Cancer Screening	●	●	●	●	●
Controlling High Blood Pressure		●	●		●
COPD	●	●	●	●	
Depression Remission at Six Months		●			●
Depression Remission at Twelve Months		●			●
Pharyngitis	●	●	●	●	
Optimal Asthma Care-Children			●		
Optimal Asthma Care-Adults	●	●	●		●
Optimal Diabetes Care	●	●		●	●
Optimal Vascular Care	●	●	●	●	●
URI	●		●	●	

● = Medical group rate and CI fully above average  
 Blank = Measure reported but rate was average or below average.

## Highest Performers in 2013 by Medical Group Type for Clinical Measures

Three of 12 urgent/convenience care clinics achieved rates that were above average more frequently than others. Each of these clinics achieved above-average rates on half of the clinical measures on which they were reported.

**Table 22B: High Performing Medical Groups in 2013 - Urgent/Convenience Care**

Medical Group	Upper Respiratory Infection	Pharyngitis	Bronchitis	Breast Cancer Screening*	Cervical Cancer Screening*	Chlamydia Screening*
Express Healthcare	●	●	●			
MinuteClinic	●	●	●			
Target Clinic	●	●	●			

● = Medical group rate and CI fully above average

\*Patients attributed to this entity received 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.

Two of 21 pediatric care clinics achieved rates that were above average more frequently than others. Each of these clinics achieved above average rates on at least half of the clinical measures on which they were reported.

**Table 22C: High Performing Medical Groups in 2013 - Pediatric**

Medical Group	Optimal Asthma Care	Chlamydia Screening	URI	Pharyngitis	Childhood Immunization	Adolescent Immunization	ADHD
South Lake Pediatrics 5 out of 7			●	●	●	●	●
Southdale Pediatric Associates, Ltd. 5 out of 7	●		●	●	●		●

● = Medical group rate and CI fully above average

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

## Highest Performers in 2013 by Medical Group Type for Clinical Measures

Five of 16 OB/GYN groups achieved rates that were above average more frequently than others. Each of these medical groups achieved above-average rates on more than half of the clinical measures on which they were reported.

**Table 22D: High Performing Medical Groups in 2013 - Obstetrics/Gynecology**

Medical Group	Breast Cancer Screening	Colorectal Cancer Screening	Chlamydia Screening	Cervical Cancer Screening
MN Gyn & Surgery	●	●		●
Paul Larson OB/GYN Clinic	●	●		●
Clinic Sofia OB/GYN	●	●		●
Premier OB/GYN of MN	●		●	●
Women's Health Consultants		●	●	●

● = Medical group rate and CI fully above average

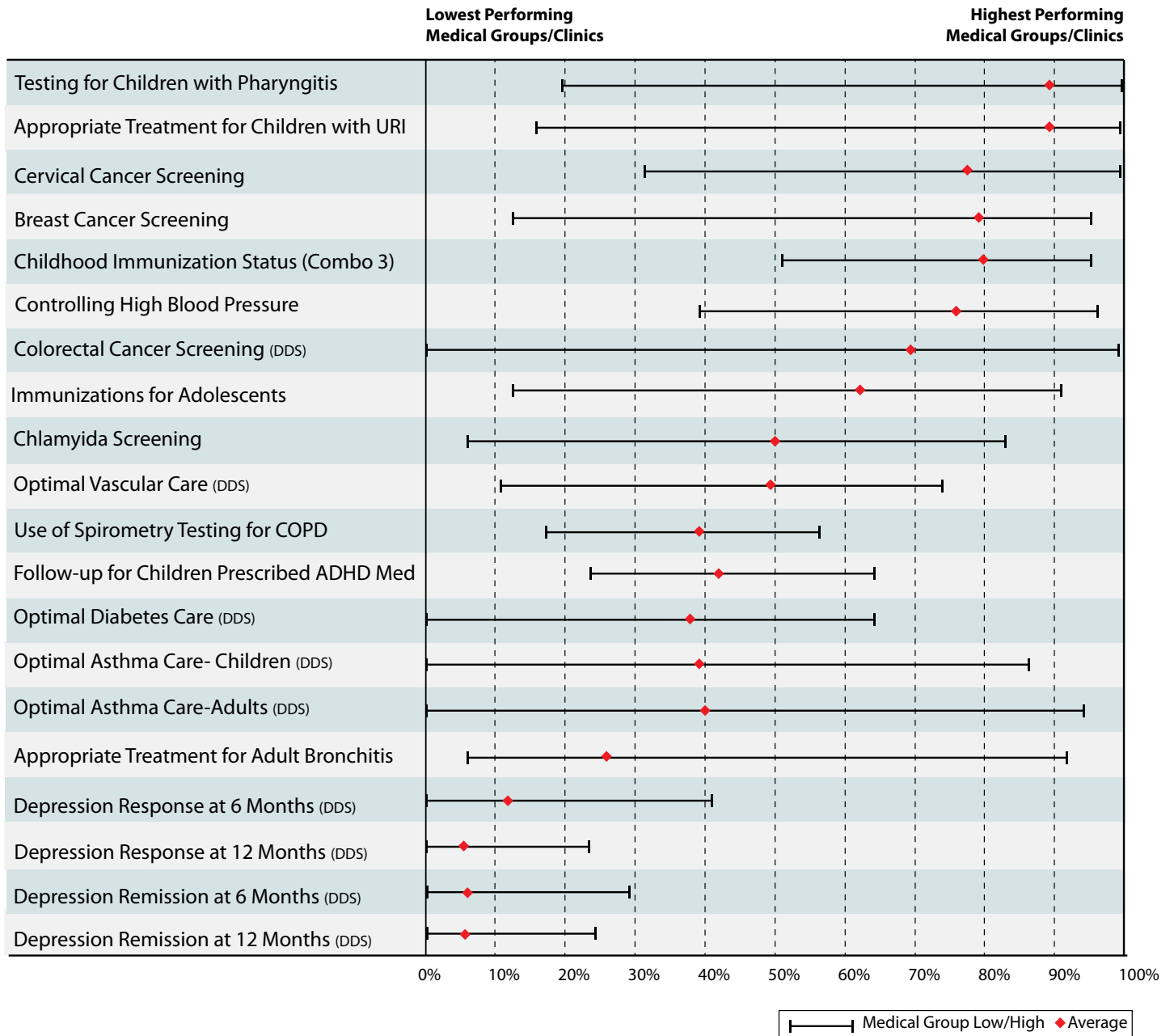
Blank = Measure reported but rate was average or below average.



# Highest Performers in 2013 by Medical Group Type for Clinical Measures

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

## Medical Group Performance Variation in 2013



Please See Next Page

## Future Plans

As a statewide community, Minnesota is navigating toward realizing the Triple Aim, with low-cost, high-quality care provided in a way that satisfies and empowers patients. MN Community Measurement (MNCM) is pleased to contribute to the work being done by so many agencies, organizations and individuals. Here are some of the things to which we aspire in the near future to help the community realize the Triple Aim:

### **Stakeholder-supported cost of care measure**

MNCM has long been seen as a credible convener able to bring the community together and collaborate on tough topics. A major challenge in Minnesota and across the nation is shifting health care from volume to value. Stakeholders convened by MNCM are deeply engaged in developing an agreed-upon cost of care measure that will help us better define value to Minnesotans who use health care. Already more than three dozen committed, expert stakeholders have worked with MNCM to define a methodology and data collection process that strengthens partnerships and transparency. A Total Cost of Care measure, developed by MNCM and stakeholders and following National Quality Forum-endorsed standards, is now being tested and validated. We are deeply grateful for the collaboration, time and contributions of our stakeholders, who are helping to steer the state and nation toward a meaningful conversation about cost of care.

### **Thoughtful progress in quality measurement**

Bringing the right measures forward is as important as making sure that measurement is done right. At MNCM, we validate and audit directly submitted data to ensure it is robust. We bring the same careful attention to 1) selecting measures that will add value to quality improvement efforts, 2) identifying when a measure needs to be retired and 3) finding a balance between the importance of reporting and the importance of not placing undue burden on providers. Our slate of direct data submission measures comes from providers across Minnesota and along our borders, providing breadth of data on the quality of local health care and areas for quality improvement.

We are also partnering with other organizations to bring forward useful provider resources. In March 2013, ClearWay Minnesota<sup>SM</sup> contracted with MNCM on a multi-stage, multi-year project to work toward the goal of all Minnesota smokers having access to comprehensive tobacco dependence treatment by 2023. In the first phase of the project, MNCM analyzed recent tobacco use data to identify patterns that may be unique to Minnesota and inform future work. A second phase is focused on using these insights to create one or more tobacco use measures, and to then give providers tools and resources to support effective care delivery to tobacco users. Once the approach is fine-tuned in Minnesota, ClearWay Minnesota and MNCM will work to share it with state and national partners.

### **Full-scale reporting of patient experience in Minnesota**

In partnership with the Minnesota Department of Health, MNCM reached a major milestone in unlocking the patient experience this year by launching the nation's largest patient experience survey. This is a statewide measure across a full population, which sets Minnesota apart from other states with patient experience information. This data, which will be reported every two years moving forward, will help to illuminate how patients feel about care delivered at clinics in Minnesota and surrounding communities.

### **Casting a new light on health disparities**

Minnesota providers are steadily improving their collection and reporting of race, Hispanic ethnicity and preferred language data to help drive quality improvements that reduce health disparities. As providers surmount technical and organizational barriers, MNCM is moving closer to statewide public reporting of all direct data submission measures by race, Hispanic ethnicity and preferred language. Medical groups will be able to use this data privately for quality improvement initiatives.

## Future Plans

### **In-house quality improvement**

As Minnesota providers improve their own processes, so is MNCM working on improving as an organization. We have made strides to increase transparency and clarify the structure of the measure review process. Our future plans include continued enhancing of our measure review process, strengthening the structure of decision making, and increasing communication. Look for more details in the year ahead. Our vision remains to be the trusted source for performance measurement and public reporting of data across the spectrum of health care.

## Acknowledgements

The *2013 Health Care Quality Report* is a collaborative effort led by MN Community Measurement on behalf of the Minnesota health care community and the broader public. We would like to acknowledge the contributions of all organizations that shared their resources, and the individuals who shared their time and expertise to make this report possible. We offer our sincerest thanks to:

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**The medical groups and clinics that submitted data for this report:** Names are listed on pages 169-172

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## Multispecialty and Primary Care Medical Groups Reported in 2013 - (X)

7 Day Clinic	Center Clinics	Lakeview Medical Clinic	Ridgeview Clinics
AALFA Family Clinic	Essentia Health Ada	Lakeville Family Practice	River's Edge Hospital & Clinic
Adult Medicine, PA	Essentia Health St. Mary's	Lakewood Health Center Clinic	Riverplace Clinic, Inc.
Advanced Medical Clinic	Fairmont Med. Cntr -Mayo Hlth System	Lakewood Health System	Riverview Clinic
Affiliated Community Medical Centers	Fairview Health Services	Life Medical	RiverView Health
Albany Medical Center	Fairview Medical Group	Littlefork Medical Cente	Riverwood Healthcare Center
Albert Lea Clinic - Mayo Health System	Fairview Red Wing Health Services	Longville Lakes Clinic-IHN	Robert Roddy MD PA
Alexandria Clinic	Family Life Center	Luther Midelfort - Mayo Health System	Sacred Heart Mercy Health Care Center
Allina Health System	Family Practice Medical Center of	Madelia Community Hospital & Clinic	Saint Cloud State University Student
Allina Medical Clinic	Willmar	Mankato Clinic, Ltd.	Health Services
Altru Health System	Family Tree Clinic	Mark Wildgen, MD	Sanford Bagley
Amery Regional Medical Center	FamilyHealth Medical Clinics	Mayo Clinic	Sanford Health - Sioux Falls Region
Apple Valley Medical Clinic	Farmington Clinic	Mayo Clinic Health System	Sanford Health - Fargo Region
Appleton Area Health Services	First Care Medical Services	Medical Care Services	Sawtooth Mountain Clinic
Arcade Medical Clinic	FirstLight Health System	Meeker Memorial Clinic	Scandia Clinic
Aspen Medical Group	Foley Medical Center	Metropolitan Internists	Scenic Rivers Health Services
Attending Physicians	France Avenue Family Physicians	Metropolitan Medical Associates	Seth Rosenbaum MD PA
Austin & Treacy, PA	Franciscan Skemp - Mayo Health System	Mid Minnesota Family Medicine Center	Sharpe Dillon Cockson & Associates PA
Austin Med. Center-Mayo Hlth System	Gary E. Schnitker, MD	Midwest Center for Personal & Family	Sibley Medical Center
Avera Medical Group	Gateway Family Health Clinic	Development	Sleepy Eye Medical Center
Axis Medical Center	Glencoe Regional Health Services	Midwest Immunology Clinic	Southdale Internal Medicine, P.A.
Baldwin Area Medical Center	Glenwood Medical Center	Mille Lacs Health System	Southern Metro Medical Clinics
Barnesville Area Clinic	Graceville Health Center Clinic	Minnesota Dermatology	Southside Community Health Services
Big Lake Clinic	Grand Itasca Clinic	MN Neurovascular & Skull Base Surgery	St Peter Street Internal Medicine
Bigfork Valley Hospital, Clinics &	Gundersen Health System	Multicare Associates	St. Cloud Hospital Clinics
Communities	H. Berit Midelfort MD	Murray County Clinic	St. Cloud Medical Group NW, So., Cold
Bloomington Lake Clinic	Hamm Clinic	Native American Community Clinic	Spring, Clearwater- IHN
Bluestone Physician Services	Hartberg Medical Clinic	Neighborhood Healthsource	St. Croix Regional Medical Center
Boynnton Health Service	Healing Spirit Clinic	New Hope Crystal Medical Clinic	St. Luke's Clinics
Broadway Medical Center	HealthEast Clinics	New River Med. Center Physician Clinic	St. Mary's Duluth Clinic Health System
Buffalo Clinic, PA	HealthPartners Central MN Clinics	North Clinic	dba Essentia Health - East Region
Burnett Medical Center	HealthPartners Clinics	North Memorial	St. Paul Family Medical Center
Burnsville Family Physicians	Hendricks Clinic	North Valley Health Center	Steven Salterman, MD
Cannon Falls Medical Center - Mayo	Hendricks Community Hospital Assoc.	Northland Family Physicians-IHN	Stevens Community Medical Center
Health System	Hennepin County Medical Center	NorthPoint Health & Wellness Center	Stillwater Medical Group
Cannon Valley Clinic - Mayo Hlth System	(HCMC) Clinics	Northwest Family Physicians	Superiorhealth Center
Catalyst Medical Clinic	Hoistad & Associates	Northwestern Mental Health Center	Synergy Family Physicians, PA
CCMH-Montevideo Clinic	Human Services Inc.	Now Care Medical Centers	Thao Xoua Md
Cedar Riverside People'S Center	Hutchinson Area Health Care	Oak Ridge Center	The Emily Program
Center for Diagnostic Imaging	Hutchinson Medical Center	Olmsted Medical Center	The Schuster Clinic
CentraCare Health System	Immanuel St Joseph - Mayo Hlth System	Open Cities Health Center	Thomas A. Sult, MD. 3rd Opinion
Charles N Marvin Jr MD	Indian Health Board of Minneapolis	Open Door Health Center	United Family Medicine
Chippewa County Montevideo Hospital	Innovis Health	Ortonville Area Health Services-	United Hospital District Clinic
& Medical Clinic	Integrity Health Network	Northside Medical Clinic	Unity Family Healthcare - Avon
Clearwater Health Services	InterMed Consultants	Owatonna Clinic - Mayo Health System	Unity Family Hlthcare, Family Med. Cntr
Community Memorial Hospital	Iron Range Clinic	Park Avenue Family Practice	Univ. of St. Thomas Student Hlth Service
Community University Health Care Cntr	Janning ENT Center	Park Nicollet Health Services	University of Minnesota Physicians
Consultants Internal Medicine	Jerome D. Poland, M.D., Ltd	Parkview Medical Clinic	Valley Family Practice
Courage Center Physicians	Johnson Street Medical Clinic	Parkway Family Physicians	Virginia Regional Medical Center
Cromwell Medical Clinic PLLC-IHN	Judith F. Kashtan, M.D., Ltd.	Paynesville Area Health System	Wadena Medical Center
Cuyuna Regional Medical Center	Kass Clinics	Prairie Ridge Hospital & Health Services	West Side Community Health Services
Dawson Clinic	Kent G. Brockmann, MD	PrairieCare Medical Group- Woodbury	Western Wisconsin Medical Associates
Deer River Healthcare Center	Kittson Memorial Clinic	Quello Clinic	Wheaton Community Medical Center
Donald E Gehrig, MD, Internal Med., LLC	Lac Qui Parle Clinic	Raiter Clinic, LTD-IHN	White Family Practice Clinic
Dr. Bobby K. Yang Medical Clinic	Lake City Med. Cntr & Clinic-Mayo Hlth	Range Medical Services, Ltd.	Williams Integrecare Clinic
Dulcimer Medical Center	Lake Region Healthcare	Range Regional Health Services dba	Windom Family Medical Center
Duluth Family Practice Center- IHN	Lake Region Medical Group PA	Fairview Mesaba Clinics	Winona Health
Eagan Child and Family Care	Lake Superior Community Health Center	Red Cedar Medical Cntr - Mayo Health	Woodland Centers
Edina Family Physicians	Lake Superior Internal Med.-IHN	Red Lake Outpatient Clinic	
Edina Sports Health & Wellness	Lake Superior Internal Medicine	Renville County Hospital and Clinics	
Entira Family Clinics	Lake View Clinic - Two Harbors	Richard Schoewe MD	
Essentia Health - St. Joseph's Medical	Lakeview Clinic, Ltd.	Richfield Medical Group	

## Other Types of Medical Groups Reported in 2013

### 3 Endocrinology Clinics

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

### 1 Cardiology Clinic

Preventive Cardiology Consultants, P.A.

### 23 Obsetetrics/Gynecology Clinics

Adefris & Toppin Women's Specialists  
 Advanced Specialty Care For Women  
 Brainerd Medical Center OB/GYN  
 Center for Reproductive Medicine  
 Clinic Sofia OB/GYN  
 Comprehensive Healthcare For Women  
 Diamond Women's Center  
 Face To Face Health & Counseling  
 John A. Haugen Assoc.  
 Metropolitan Obstetrics & Gynecology  
 Mn Gyn And Surgery  
 Northland OB/GYN Assoc.

Oakdale OB/GYN  
 Obstetrics & Gynecology Associates  
 Partners OB/GYN  
 Paul Larson OB/GYN Clinic  
 Planned Parenthood Of Minnesota, North Dakota, Sou  
 Premier OB/GYN of Minnesota  
 Premier OBGYN of MN DBA OBGYN West  
 Southdale OB/GYN Consultants  
 Western OB/GYN  
 Women & Adolescent Gynecology Center  
 Women's Health Consultants

### 13 Urgent/Convenience Care Clinics

Chaska Urgent Care  
 Emergency Physicians  
 Express Healthcare  
 Fairview Express Care  
 MinuteClinic  
 Olmsted County Rapid Access Clinic  
 One Stop Medical Center

Physicians Urgent Care Professional  
 Smart Clinic  
 Suburban Emergency Associates  
 Target Clinic  
 Urgent Care Doctor's Office, PA  
 WestHealth Urgent Care

### 21 Pediatric/Adolescent Medicine Clinics

All About Children Pediatrics - CPN  
 Central Pediatrics  
 Children's Hospital Clinics Mpls, St. Paul, Tams, PACE  
 Dakota Pediatric Clinic  
 Eagan Valley Pediatrics  
 Edina Pediatrics  
 Fridley Children's & Teenagers' Medical Center  
 Gillette Children's  
 Kids First Pediatrics, Ltd  
 Mendakota Pediatrics - Children's Physician Network  
 Metropolitan Pediatric Specialists

North Metro Pediatrics  
 Northern Lights Pediatric And Adolescent Medicine  
 Partners In Pediatrics - CPN  
 Pediatric And Adolescent Services  
 Pediatric And Young Adult Medicine - CPN  
 Pediatric Services - Children's Physician Network  
 Priority Pediatrics Urgent Care  
 South Lake Pediatrics - Children'S Physician Network  
 Southdale Pediatric Associates Ltd  
 Wayzata Children's Clinic (Affiliated With CPN)

## Other Types of Medical Groups Reported in 2013

### 20 Behavioral Health Clinics

Associated Clinic of Psychology	Neighborhood Counseling Center
Anxiety & Depression Clinic of the Twin Cities PA	North Metro Psychiatry
BHSI	Northern Pines Mental Health Center, Inc.
Caritas Mental Health Clinic	Northern Psychiatric Associates
Carver County Mental Health Program	People Incorporated Stark Mental Health Clinic
Goodhue County Mental Health	Ramsey County Mental Health
Hennepin County Mental Health Center	Saint Elizabeth's Medical Center Behavioral Health
Lakeland Mental Health Center	Scott County Mental Health Center
Mental Health Resources	St. Cloud Hospital - Behavioral Health Clinic
Minnesota Mental Health Clinics (Eagan, Edina, Lakeville, Minneapolis, Woodbury)	White Bear Lake Area Community Counseling Center

### 11 Allergy Clinics

Advancements in Allergy and Asthma Care	Eisenstadt Allergy and Asthma, LLP
Allergy & Asthma Specialists, PA	Midwest Ear, Nose & Throat Specialists
Allergy and Asthma Care	Minnesota Allergy & Asthma Clinic, PA
Allergy and Asthma Specialty Clinic	Minnesota Lung Center/Minnesota Sleep Institute
Allergy, Asthma & Immunology Clinic	Southdale Allergy & Asthma Clinic
Allergy, Asthma & Pulmonary Associates, PA	St. Paul Allergy & Asthma Clinic, P.A.
Children's Respiratory & Critical Care Specialists	St. Paul Lung Clinic/Division of Pulmonary & Critical Care Associates
Cities Lung Clinic	

### 80 Other Specialty Clinics

Academic Dermatology	Surgery, PA	Physicians Neck and Back Clinics
Adult & Pediatric Urology	Midwest Spine Institute	Regional Eye Specialists
Advanced Dermatology and Cosmetic Institute	Minneapolis Clinic of Neurology	Rejuv Medical
Advanced Dermatology Care	Minneapolis Orthopaedics	Retina Center
Alexandria Eye Clinic P.A.	Minneapolis Otolaryngology, PA	Richard J. Dannenberg MD New Ulm Eye Center & Optical
Anesthesia Associates of St. Cloud, Ltd.	Minneapolis Radiation Oncology	Ronald R Vessey MD Internal Medicine Services PA
Arthritis and Rheumatology Consultants	Minnesota Epilepsy Group, PA	Southern Minnesota Surgical Inc.
Associated Eye Care Ltd	Minnesota Eye Consultants	Southwest Minnesota Orthopedics and Sports Medicine
Associated SkinCare Specialists, PA	Minnesota Gastroenterology, P. A.	St. Cloud Ear, Nose & Throat
Bluestem Center for Child and Family Development	Minnesota Neonatal Physicians	St. Croix Orthopaedics
Central Minnesota Spine Center	Minnesota Oncology Hematology PA	St. Paul Surgeons
Certified Medical Evaluations	MN Ophthalmic Plastic Surgery Specialists	Suburban Radiologic Consultants LTD
Claris Eye Care & Surgery	Neurosurgical Associates, Ltd.	Surgical Specialists of Minnesota
Crutchfield Dermatology	Noran Neurological Clinic, P.A.	The Ear Nose and Throat Clinic & Hearing Center
Dermatology Consultants	North Urology, Ltd	The Midwest Center for Reproductive Health, P.A.
Ear, Nose & Throat SpecialtyCare	Northern Orthopedics, Ltd.	The Orthopaedic & Fracture Clinic
Edina Plastic Surgery	Northland Ear, Nose and Throat Associates	Total Eye Care
Eye Care Associates	Northland Plastic Surgery	Twin Cities Spine Center
Institute for Low Back and Neck Care	Northwest Eye Clinic	Vascular Surgery Associates
Itasca Surgical Clinic	Ophthalmology Associates	Vitreoretinal Surgery, P.A
Kidney Specialists of Minnesota, PA	Ophthalmology Associates of Mankato	Wayzata Orthopedics
Little Falls Orthopedics	Opti-Min, PA	West Metro Ophthalmology, PA
Lufkin Eye Clinic	Orthopaedic Associates of Duluth, P.A.	Women's Health & Laser Aesthetic Center, LLC
Madeline Gartner Surgery	Paparella Ear Head & Neck Institute, PA	
Maple Grove Surgical Specialists	Pavelka Reproductive Associates	
MAPS Medical Pain Clinic	Pediatric ENT Associates	
Mercy Hospital Orthopedics	Pediatric Surgical Associates	
Metro Urology	Physical and Occupational Medicine Associates PA	
Metropolitan Dermatology & Cutaneous	Physicians Diagnostics & Rehabilitation	



## Hospitals Reporting AHRQ and CMS Measures in 2013 - (137)

Abbott Northwestern Hospital  
 Albany Area Hospital and Medical Center  
 Appleton Area Health Services  
 Avera Marshall Regional Medical Center  
 Bigfork Valley Hospital  
 Buffalo Hospital  
 Cambridge Medical Center  
 CentraCare Health System - Long Prairie  
 CentraCare Health System - Melrose  
 ^Children's Hospitals and Clinics of Minnesota  
 Chippewa County-Montevideo Hospital  
 \*\*Clearwater Health Services  
 Community Memorial Hospital  
 Cook County North Shore Hospital  
 Cook Hospital & C&NC  
 Cuyuna Regional Medical Center  
 Deer River HealthCare Center  
 District One Hospital  
 Douglas County Hospital  
 Ely-Bloomenson Community Hospital  
 Essentia Health Ada  
 Essentia Health Duluth  
 Essentia Health Fosston  
 Essentia Health Graceville  
 Essentia Health Northern Pines  
 Essentia Health Sandstone  
 Essentia Health St. Joseph's Medical Center  
 Essentia Health St. Mary's Hospital - Detroit Lakes  
 ^Essentia Health St. Mary's Medical Center  
 Fairview Lakes Health Services  
 Fairview Northland Medical Center  
 Fairview Red Wing Medical Center  
 Fairview Ridges Hospital  
 Fairview Southdale Hospital  
 \*\*Fairview University Medical Center - Mesabi  
 FirstLight Health System  
 Gillette Children's Specialty Healthcare  
 Glacial Ridge Health System  
 Glencoe Regional Health Services  
 Grand Itasca Clinic and Hospital  
 Granite Falls Municipal Hospital & Manor  
 Hendricks Community Hospital Association  
 ^Hennepin County Medical Center  
 Hutchinson Area Health Care  
 Johnson Memorial Health Services  
 Kittson Memorial Healthcare Center  
 Lake Region Healthcare  
 Lake View Memorial Hospital  
 \*\*Lakeside Medical Center  
 Lakeview Hospital  
 LakeWood Health Center  
 Lakewood Health System  
 LifeCare Medical Center  
 Madelia Community Hospital  
 Madison Hospital  
 Mahnommen Health Center  
 Maple Grove Hospital  
 Mayo Clinic - Rochester Methodist Hospital  
 ^Mayo Clinic - Saint Marys Hospital  
 Mayo Clinic Health System in Albert Lea  
 Mayo Clinic Health System in Austin  
 Mayo Clinic Health System in Cannon Falls  
 Mayo Clinic Health System in Fairmont  
 Mayo Clinic Health System in Lake City  
 Mayo Clinic Health System in Mankato  
 Mayo Clinic Health System in New Prague  
 Mayo Clinic Health System in Springfield  
 Mayo Clinic Health System in St. James  
 Mayo Clinic Health System in Waseca  
 Meeker Memorial Hospital  
 Mercy Hospital  
 Mille Lacs Health System  
 Minnesota Valley Health Center  
 Murray County Medical Center  
 New River Medical Center  
 New Ulm Medical Center  
 ^North Memorial Medical Center  
 North Valley Health Center  
 Northfield Hospital  
 Olmsted Medical Center  
 Ortonville Area Health Services  
 Owatonna Hospital  
 Park Nicollet Methodist Hospital  
 Paynesville Area Health Care System  
 Perham Health  
 Phillips Eye Institute  
 Pipestone County Medical Center  
 Prairie Ridge Hospital and Health Services  
 Rainy Lake Medical Center  
 \*Range Regional Health Services  
 RC Hospital & Clinics  
 Redwood Area Hospital  
 Regina Medical Center  
 Regions Hospital  
 Rice Memorial Hospital  
 Ridgeview Medical Center  
 River's Edge Hospital & Clinic  
 RiverView Health  
 Riverwood Healthcare Center  
 Saint Elizabeth's Medical Center  
 Sanford Bagley Medical Center  
 Sanford Bemidji Medical Center  
 Sanford Canby Medical Center  
 Sanford Jackson Medical Center  
 \*Sanford Luverne Medical Center  
 \*\*Sanford Medical Center Wheaton  
 Sanford Thief River Falls Medical Center  
 Sanford Tracy Medical Center  
 Sanford Westbrook Medical Center  
 \*\*Sanford Wheaton Medical Center  
 Sanford Worthington  
 \*\*Shriners Hospitals for Children - Minneapolis  
 Sibley Medical Center  
 Sleepy Eye Medical Center  
 ^St. Cloud Hospital  
 St. Francis Healthcare Campus  
 St. Francis Regional Medical Center  
 St. Gabriel's Hospital  
 St. John's Hospital  
 St. Joseph's Area Health Services Inc.  
 St. Joseph's Hospital  
 St. Luke's Hospital  
 St. Michael's Hospital & Nursing Home  
 Stevens Community Medical Center  
 Swift County-Benson Hospital  
 Tri-County Health Care  
 Tyler Healthcare Center/Avera  
 \*\*U.S. PHS Indian Hospital - Cass Lake  
 \*\*U.S. PHS Indian Hospital - Red Lake  
 United Hospital  
 United Hospital District  
 Unity Hospital  
 University of Minnesota Medical Center, Fairview  
 Virginia Regional Medical Center  
 Windom Area Hospital  
 Winona Health Services  
 Woodwinds Health Campus

\*Reported AHRQ Measures only  
 \*\*Reported CMS Measures only  
 ^Reported AHRQ, CMS, and VON Measures

***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 for patients.***

## Summary Of Risk Adjustment Results by Measure

Clinic-level rates were adjusted for some measures to account for potential differences in patient populations that may be outside of the influence of clinicians. Final rates for Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Care - Ages 5-17, Optimal Asthma Care - Ages 18-50, and Colorectal Cancer Screening measures were adjusted using a Minnesota statewide average distribution of patients across three major insurance product types: commercial; Medicare; and MN healthcare programs (MHCP) and uninsured/self-pay. Insurance product type can be indicative of a patient's socioeconomic status, and can be used to standardize results. The statewide average distribution by insurance product type was calculated using data submitted by clinics for each measure. Final audited rates for Depression Remission at Six Months were adjusted using a Minnesota statewide average distribution across three bands of depression severity using the initial PHQ-9 score (10-14; 15-19; 20 and above).

Patients from each clinic were categorized into one of the three major insurance types or three bands of severity using information contained in the patient record. Quality rates (percent of patients meeting the measure) were calculated for each insurance type or severity band, for each clinic. For Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Care, and Colorectal Cancer Screening a portion of records could not identify insurance product type (roughly 10 percent 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 identified counts as the records were redistributed. Final clinic level data were then used in the formal risk adjustment methodology.

Each clinic's final patient distribution across the three insurance types (or three severity bands for the depression measure), was compared to the statewide average distribution. If a clinic did not have at least 10 patients in each insurance product category, adjustments were made before reweighting the scores. If the clinic had zero patients in any category, it was assigned the statewide average score for that same category. If the clinic had more than one patient in each category (but fewer than 10), the clinic was assigned the average of its 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 category, resulting in a new blended rate for this category. The quality rates for each category 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
Richard Schoewe MD	64.6%	60.3%	48	Total Population
Catalyst Medical Clinic	61.7%	57.1%	60	Sample
Park Nicollet Clinic - Prairie Center	60.9%	59.4%	363	Total Population
Cromwell Medical Clinic-Integrity Health	59.5%	53.6%	74	Total Population
HealthPartners - Arden Hills	58.9%	58.1%	550	Total Population
Fairview Rosemount Clinic	58.9%	57.1%	231	Total Population
Edina Sports Health & Wellness	58.7%	56.1%	143	Total Population
Park Nicollet Clinic - Golden Valley	58.6%	57.3%	619	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	57.6%	57.0%	323	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	56.8%	54.8%	1577	Total Population
Allina Medical Clinic - North Branch	55.8%	55.2%	104	Total Population
Park Nicollet Clinic - Maple Grove	55.7%	56.8%	646	Total Population
Park Nicollet Clinic - Shorewood	55.5%	53.2%	265	Total Population
Allina Medical Clinic - Ramsey	55.3%	54.2%	655	Total Population
Quello Clinic - Edina	54.8%	55.0%	403	Total Population
Entira Family Clinics - Inver Grove Heights	54.6%	51.8%	524	Total Population
Mankato Clinic - Mapleton	54.0%	49.6%	113	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	53.9%	53.5%	267	Total Population
Sanford New York Mills Clinic	53.7%	52.1%	67	Total Population
Park Nicollet Clinic - Eagan	53.6%	53.6%	746	Total Population
Gundersen Lutheran - La Crescent Clinic	53.2%	51.3%	62	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	53.2%	53.6%	1215	Total Population
Park Nicollet Clinic - Burnsville	53.0%	52.5%	1428	Total Population
HealthPartners - Roseville	52.5%	51.0%	396	Total Population
Allina Medical Clinic - Champlin	52.4%	51.6%	624	Total Population
Entira Family Clinics - Shoreview	52.3%	52.6%	285	Total Population
Aspen Medical Group - Highland	52.2%	51.8%	209	Total Population
HealthPartners - Elk River	51.6%	52.8%	399	Total Population
Allina Medical Clinic - West St. Paul	51.5%	51.3%	903	Total Population
Park Nicollet Clinic - Chanhassen	51.5%	50.8%	779	Total Population
Park Nicollet Clinic - Plymouth	51.3%	49.4%	665	Total Population
Park Nicollet Clinic - Carlson	51.3%	48.6%	677	Total Population
Fairview Oxboro Clinic	51.2%	50.4%	1259	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	51.1%	50.0%	319	Total Population
Essentia Health - Ely Clinic	51.1%	49.0%	376	Total Population
Allina Medical Clinic - Eagan	51.0%	51.9%	541	Total Population
Mankato Clinic - North Mankato	51.0%	50.3%	402	Total Population
Allina Medical Clinic - Cokato	50.9%	50.8%	163	Total Population
Park Nicollet Clinic - Wayzata	50.7%	48.2%	517	Total Population
Park Nicollet Clinic - Prior Lake	50.6%	50.9%	233	Total Population
Allina Medical Clinic - Isles	50.5%	49.5%	438	Total Population
HealthPartners - White Bear Lake	50.5%	50.7%	329	Total Population
Allina Medical Clinic - Elk River	50.4%	50.0%	423	Total Population
Quello Clinic - Burnsville	50.1%	49.5%	437	Total Population
Entira Family Clinics - Woodbury	49.9%	47.4%	547	Total Population
HealthPartners - Inver Grove Heights	49.7%	49.6%	336	Total Population
Allina Medical Clinic - The Doctors Uptown	49.6%	49.6%	278	Total Population
Entira Family Clinics - Maplewood/Battle Creek	49.5%	48.5%	515	Total Population
HealthEast Cottage Grove Clinic	49.5%	47.7%	568	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	49.3%	47.7%	296	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Northfield	49.3%	49.3%	891	Total Population
Allina Medical Clinic - Forest Lake	49.1%	47.8%	801	Total Population
Quello Clinic - Chanhassen	49.0%	47.8%	149	Total Population
HealthPartners - Andover	48.9%	48.4%	601	Total Population
Allina Medical Clinic - Cottage Grove	48.9%	48.9%	933	Total Population
Fairview Chisago Lakes Clinic	48.8%	48.3%	344	Total Population
Mayo Clinic Health System Lake City	48.8%	48.2%	342	Total Population
Mayo Clinic Health System Mankato Eastridge	48.8%	49.6%	535	Total Population
Northland Family Physicians-Integrity Health	48.7%	45.9%	74	Total Population
Entira Family Clinics - North St. Paul	48.6%	47.2%	724	Total Population
Allina Medical Clinic - Shoreview	48.6%	47.4%	642	Total Population
Allina Medical Clinic - Coon Rapids	48.5%	48.4%	4091	Total Population
Burnsville Family Physicians	48.2%	47.7%	299	Total Population
Allina Medical Clinic - Hastings (W First St)	48.1%	47.9%	852	Total Population
Entira Family Clinics - West St. Paul	48.0%	45.4%	479	Total Population
Olmsted Medical Center - Spring Valley Clinic	48.0%	46.5%	150	Total Population
Aspen Medical Group - Hopkins	47.9%	48.2%	165	Total Population
Allina Medical Clinic - Blaine	47.8%	49.2%	345	Total Population
Park Nicollet Clinic - Brookdale	47.8%	48.5%	1602	Total Population
Allina Medical Clinic - Crossroads Chaska	47.8%	47.4%	314	Total Population
HealthPartners - Apple Valley	47.7%	49.1%	432	Total Population
HealthEast Midway Clinic	47.6%	45.8%	515	Total Population
HealthPartners - Coon Rapids	47.5%	48.5%	920	Total Population
North Memorial Clinic - Maple Grove	47.3%	45.9%	505	Total Population
Fairview RidgeValley Clinic	47.3%	46.4%	334	Total Population
North Memorial Clinic - Golden Valley Physicians	47.3%	46.1%	389	Total Population
HealthPartners - Cottage Grove	47.3%	49.0%	91	Total Population
Mayo Clinic - Northeast	47.1%	43.2%	501	Total Population
Allina Medical Clinic - Farmington	47.0%	47.5%	338	Total Population
HealthPartners - Brooklyn Center	46.9%	48.7%	859	Total Population
Sanford Mahnommen Clinic	46.9%	48.3%	32	Total Population
Fairview Crosstown Clinic	46.9%	45.1%	606	Total Population
Entira Family Clinics - Highland	46.8%	45.1%	314	Total Population
France Avenue Family Physicians	46.8%	45.2%	376	Total Population
Park Nicollet Clinic - Shakopee	46.7%	47.1%	874	Total Population
St. Cloud Medical Group - NW- Integrity Health	46.7%	46.9%	60	Sample
Mayo Clinic Health System Grand Meadow	46.4%	43.2%	56	Total Population
Northwest Family Physicians - Plymouth	46.4%	47.8%	289	Total Population
HealthPartners - Eagan	46.4%	45.6%	110	Total Population
Entira Family Clinics - Vadnais Heights	46.3%	44.4%	350	Total Population
Allina Medical Clinic - Maple Grove	46.3%	46.7%	389	Total Population
Allina Medical Clinic - Buffalo	46.2%	45.9%	762	Total Population
Fairview Eagan Clinic	46.1%	46.4%	721	Total Population
Sanford Thief River Falls Clinic	46.0%	47.0%	967	Total Population
Allina Medical Clinic - Woodbury	46.0%	46.3%	983	Total Population
Quello Clinic - Savage	46.0%	46.4%	224	Total Population
Allina Medical Clinic - United Medical Specialties	45.8%	45.8%	2581	Total Population
Allina Medical Clinic - Edina	45.8%	45.1%	369	Total Population
Fairview North Branch Clinic	45.8%	47.0%	631	Total Population
Northwest Family Physicians - Rogers	45.8%	47.6%	249	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Gundersen Lutheran - Spring Grove Clinic	45.7%	48.1%	35	Total Population
Allina Medical Clinic - Shakopee	45.7%	45.8%	543	Total Population
Entira Family Clinics - East Side	45.7%	46.2%	425	Total Population
Essentia Health - Hermantown Clinic	45.6%	45.2%	601	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	45.5%	43.7%	134	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	45.4%	44.8%	273	Total Population
Sanford Perham Clinic	45.4%	42.2%	130	Total Population
HealthPartners - West	45.3%	44.4%	461	Total Population
CentraCare - Heartland	45.3%	44.7%	532	Total Population
HealthPartners - Bloomington	45.2%	44.8%	706	Total Population
Allina Medical Clinic - West Health Campus	45.1%	44.9%	472	Total Population
Essentia Health - Lakewalk Clinic	45.1%	43.4%	286	Total Population
Mayo Clinic Health System Waseca	45.1%	44.6%	424	Total Population
Quello Clinic - Lakeville	45.0%	42.3%	393	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health	45.0%	43.6%	60	Sample
Northwest Family Physicians - Crystal	44.9%	45.0%	684	Total Population
Essentia Health - West Duluth Clinic	44.7%	44.3%	761	Total Population
Fairview Bass Lake Clinic	44.6%	46.2%	177	Total Population
HealthPartners - Woodbury	44.6%	44.3%	966	Total Population
Mayo Clinic Health System Faribault Hwy 60	44.5%	42.4%	274	Total Population
Mayo Clinic Health System Owatonna	44.5%	45.0%	1714	Total Population
Renville County Hospital and Clinics - Hector	44.4%	41.2%	54	Total Population
Apple Valley Medical Clinic - Family Practice	44.4%	45.3%	838	Total Population
Affiliated Community Medical Centers - New London Clinic	44.3%	41.5%	192	Total Population
Hendricks Clinic	44.2%	42.5%	104	Total Population
Allina Medical Clinic - St. Michael	44.2%	43.9%	199	Total Population
Fairview Lakeville Clinic	44.2%	45.6%	190	Total Population
Allina Medical Clinic - Nicollet Mall	44.2%	44.1%	566	Total Population
Essentia Health - Duluth Clinic 1st St	44.1%	43.4%	1417	Total Population
Fairview EdenCenter Clinic	44.1%	45.9%	588	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	44.0%	43.0%	425	Total Population
Allina Medical Clinic - Woodlake	44.0%	43.2%	926	Total Population
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	43.9%	41.2%	123	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health	43.9%	42.3%	114	Total Population
Rainy Lake Medical Center	43.8%	43.2%	468	Total Population
Mayo Clinic Health System Cannon Falls	43.7%	42.6%	199	Total Population
Allina Health System - Abbott NW General Med. Assoc. - Edina	43.7%	42.9%	444	Total Population
Mayo Clinic Health System Mankato Northridge	43.5%	43.6%	441	Total Population
Essentia Health - Deer River Clinic	43.4%	43.9%	272	Total Population
HealthPartners - Lino Lakes	43.4%	42.5%	408	Total Population
Raiter Clinic-Integrity Health	43.3%	41.1%	60	Sample
Richfield Medical Group	43.3%	38.8%	60	Sample
Mayo Clinic Health System Le Sueur	43.3%	42.7%	215	Total Population
Aspen Medical Group - White Bear Lake	43.2%	40.9%	199	Total Population
HealthPartners - Como	43.2%	43.2%	806	Total Population
Sanford Bemidji Main Clinic Internal Medicine	43.0%	42.0%	600	Total Population
North Memorial Clinic - Brooklyn Center Physicians	43.0%	43.2%	242	Total Population
Allina Medical Clinic - Faribault	42.9%	42.9%	310	Total Population
HealthPartners - Ctr for Internatl Hlth	42.9%	42.8%	1014	Total Population
Essentia Health - Duluth Clinic	42.9%	44.0%	35	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Uptown Clinic	42.7%	43.7%	293	Total Population
HealthEast Vadnais Heights Clinic	42.7%	41.6%	415	Total Population
Mayo Clinic Health System Red Wing	42.6%	42.2%	815	Total Population
Affiliated Community Medical Centers - Willmar Clinic	42.5%	42.0%	1214	Total Population
Sanford Wheaton Clinic	42.5%	44.3%	40	Total Population
Olmsted Medical Center - Pine Island Clinic	42.5%	44.0%	113	Total Population
Allina Medical Clinic - Brooklyn Park	42.4%	45.5%	177	Total Population
Mayo Clinic - Northwest	42.3%	41.5%	272	Total Population
Allina Medical Clinic - Annandale	42.2%	41.2%	161	Total Population
Mayo Clinic Health System St. Peter	42.2%	41.6%	391	Total Population
Fairview Highland Park Clinic	42.2%	41.9%	365	Total Population
Olmsted Medical Center - Byron Clinic	42.2%	42.0%	147	Total Population
Essentia Health - Chisholm Clinic	42.2%	42.9%	581	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	42.2%	40.3%	83	Total Population
Allina Medical Clinic - Cambridge Medical Center	42.1%	41.5%	1731	Total Population
HealthPartners - Maplewood	42.0%	43.2%	702	Total Population
Scenic Rivers Health Services - Northome	42.0%	38.5%	50	Total Population
HealthEast Woodbury Clinic	42.0%	41.0%	943	Total Population
CentraCare River Campus-Internal Medicine	41.9%	39.1%	992	Total Population
HealthEast Oakdale	41.9%	41.9%	551	Total Population
Aspen Medical Group - Bandana Square	41.9%	41.7%	1163	Total Population
Multicare Associates - Fridley Medical Center	41.7%	40.7%	988	Total Population
HealthPartners - Anoka	41.7%	40.7%	929	Total Population
Ridgeview Delano Clinic	41.6%	40.5%	245	Total Population
Essentia Health - Lakeside Clinic	41.6%	40.9%	428	Total Population
Stillwater Medical Group - Curve Crest Clinic	41.6%	40.7%	1825	Total Population
Fairview Northeast Clinic	41.6%	42.1%	580	Total Population
HealthPartners - Riverside	41.5%	44.4%	826	Total Population
Mayo Clinic - Kasson	41.4%	39.7%	531	Total Population
Fairview Ridges Clinic	41.4%	40.2%	1019	Total Population
Mankato Clinic - Wickersham Campus	41.4%	39.5%	413	Total Population
Park Nicollet Clinic - Minneapolis	41.4%	43.1%	827	Total Population
Essentia Health - Hibbing Clinic	41.3%	40.4%	576	Total Population
Essentia Health - Aurora Clinic	41.3%	40.2%	322	Total Population
Park Nicollet Clinic - Bloomington	41.2%	40.6%	626	Total Population
Mayo Clinic Health System Wabasha	41.0%	38.4%	212	Total Population
HealthPartners - St Paul	40.9%	43.0%	988	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	40.8%	38.7%	1237	Total Population
Allina Medical Clinic - Hastings (Nininger)	40.7%	39.9%	432	Total Population
Affiliated Community Medical Centers - Marshall (Market St.)	40.7%	40.4%	703	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	40.7%	39.8%	664	Total Population
Aspen Medical Group - Bloomington	40.6%	40.5%	593	Total Population
Park Nicollet Clinic - Creekside	40.6%	40.7%	192	Total Population
Sanford Black Duck Clinic	40.6%	38.9%	106	Total Population
Mayo Clinic Health System Lake Crystal	40.4%	39.9%	99	Total Population
Sanford Lakefield Clinic	40.4%	34.6%	52	Total Population
Fairview Hiawatha Clinic	40.3%	40.7%	548	Total Population
HealthPartners - Hlth Ctr for Women	40.1%	39.2%	319	Total Population
Multicare Associates - Blaine Medical Center	40.1%	38.8%	708	Total Population
Essentia Health - Menahga	40.0%	39.3%	45	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Milaca Clinic	39.9%	39.6%	303	Total Population
Multicare Associates - Roseville Medical Center	39.8%	39.8%	196	Total Population
Sanford Canby Clinic	39.8%	39.2%	186	Total Population
CentraCare Health Plaza-Family Medicine	39.5%	38.9%	499	Total Population
HealthEast Downtown St. Paul Clinic	39.5%	38.4%	603	Total Population
Entira Family Clinics - Como/Roseville	39.4%	38.6%	378	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	39.3%	39.1%	402	Total Population
Allina Health System - New Ulm Medical Center	39.3%	38.9%	1166	Total Population
Mayo Clinic Health System Plainview	39.2%	40.7%	79	Total Population
Fairview Maple Grove Medical Center	39.1%	39.1%	307	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	39.1%	38.2%	1558	Total Population
Sanford South Moorhead Internal Medicine	39.0%	38.5%	369	Total Population
Hennepin County Medical Center Clinics - St. Anthony Village	39.0%	38.6%	59	Total Population
FirstLight Health System - Hinckley	38.9%	38.8%	198	Total Population
Essentia Health St. Joseph's - Pillager	38.8%	36.7%	49	Total Population
Fairview CedarRidge Clinic	38.7%	38.7%	741	Total Population
Fairview Brooklyn Park Clinic	38.7%	39.8%	956	Total Population
Sanford Mountain Lake Clinic	38.7%	37.6%	106	Total Population
HealthEast Hugo Clinic	38.6%	39.4%	88	Total Population
Ridgeview Winsted Clinic	38.6%	38.0%	132	Total Population
Fairview Andover Clinic	38.6%	37.6%	733	Total Population
HealthPartners - Adult & Seniors Health	38.6%	39.4%	1094	Total Population
Family Practice Medical Center of Willmar	38.5%	37.2%	541	Total Population
Renville County Hospital and Clinics - Olivia	38.3%	36.3%	214	Total Population
Olmsted Medical Center - Preston Clinic	38.3%	38.0%	141	Total Population
CentraCare - St. Joseph	38.3%	37.8%	196	Total Population
CentraCare - Becker	38.2%	39.5%	170	Total Population
Mayo Clinic Health System St. James	38.2%	38.1%	306	Total Population
Aspen Medical Group - Maplewood	38.2%	38.0%	811	Total Population
FirstLight Health System - Pine City	38.2%	39.7%	157	Total Population
HealthPartners - Midway	38.1%	40.5%	473	Total Population
Mankato Clinic - Main Street	38.0%	37.5%	881	Total Population
HealthPartners Central Minnesota Clinics	38.0%	38.5%	1005	Total Population
Sanford Detroit Lakes Clinic	38.0%	37.8%	545	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	38.0%	36.1%	411	Total Population
CentraCare Health System Melrose	37.9%	40.0%	314	Total Population
FirstLight Health System - Mora	37.8%	38.9%	497	Total Population
North Memorial - Silver Lake Clinic St. Anthony	37.7%	36.5%	517	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	37.7%	37.4%	496	Total Population
Aspen Medical Group - Inver Grove Heights	37.7%	35.7%	244	Total Population
North Memorial Clinic - Camden Physicians, Mpls	37.5%	36.6%	301	Total Population
Mayo Clinic Health System Waterville	37.5%	34.4%	32	Total Population
Winona Health - Rushford Clinic	37.5%	38.3%	64	Total Population
Fairview Lakes Medical Center	37.5%	36.2%	1051	Total Population
North Memorial - Silver Lake Clinic Blaine	37.5%	35.4%	275	Total Population
Gateway Family Health Clinic - Sandstone	37.4%	36.6%	249	Total Population
Olmsted Medical Center - St. Charles Clinic	37.2%	36.2%	86	Total Population
Renville County Hospital and Clinics - Renville	37.1%	37.6%	70	Total Population
North Memorial Clinic - Northeast Family Physicians	37.1%	37.9%	151	Total Population
Essentia Health - Proctor Clinic	36.9%	34.2%	222	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Sanford East Grand Forks Clinic	36.9%	35.6%	331	Total Population
Fairview Fridley Clinic	36.9%	36.6%	996	Total Population
North Memorial Clinic - Minnetonka Physicians	36.8%	37.8%	182	Total Population
HealthPartners - Specialty Center 401	36.8%	37.6%	876	Total Population
Ridgeview Chanhassen Clinic	36.8%	36.5%	272	Total Population
Essentia Health - Virginia Clinic	36.7%	35.7%	675	Total Population
Sharpe Dillon Cockson & Associates PA	36.7%	34.2%	60	Total Population
Steven Saliterman, MD	36.7%	37.4%	60	Sample
Aspen Medical Group - East Lake Street	36.6%	37.7%	394	Total Population
Mayo Clinic Health System LeRoy	36.5%	35.2%	52	Total Population
Olmsted Medical Center - Rochester Southeast	36.4%	36.9%	1215	Total Population
North Clinic - WestHealth Office in Plymouth	36.3%	34.5%	80	Sample
Park Nicollet Clinic - St. Louis Park Endocrinology	36.1%	36.0%	2905	Total Population
Fairview Rogers Clinic	36.1%	40.1%	191	Total Population
CentraCare Health Plaza-Internal Medicine	36.1%	34.2%	496	Total Population
Life Medical	36.0%	37.3%	75	Total Population
Madelia Community Hospital & Clinic	35.9%	35.9%	64	Total Population
Fairview Farmington Clinic	35.9%	35.2%	78	Total Population
Fairview Blaine Clinic	35.8%	35.8%	332	Total Population
Olmsted Medical Center - Rochester Northwest	35.8%	35.6%	452	Total Population
North Memorial Clinic - Elk River Physicians	35.7%	35.9%	252	Total Population
Mankato Clinic - Lake Crystal	35.6%	33.2%	87	Total Population
Mayo Clinic Health System Springfield	35.3%	35.4%	184	Total Population
Hutchinson Medical Center	35.3%	35.0%	1115	Total Population
Fairview Elk River Clinic	35.1%	35.8%	464	Total Population
Mayo Clinic Health System Montgomery	35.0%	32.5%	60	Sample
St. Cloud Medical Group - South - Integrity Health	35.0%	34.0%	60	Sample
St. Mary's Innovis Health Clinic - Detroit Lakes	35.0%	35.2%	60	Sample
Sanford Bemidji Main Clinic Family Medicine	34.9%	34.8%	375	Total Population
Fairview Princeton Clinic	34.9%	34.0%	805	Total Population
Winona Health - Winona Clinic	34.8%	33.3%	729	Total Population
HealthEast Maplewood Clinic	34.8%	34.8%	463	Total Population
Sanford Westbrook Clinic	34.7%	30.3%	98	Total Population
Fairview Rush City Clinic	34.6%	34.5%	283	Total Population
Fairview Zimmerman Clinic	34.6%	34.1%	185	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	34.6%	34.6%	107	Total Population
Mayo Clinic Health System Fairmont	34.6%	34.3%	81	Total Population
Olmsted Medical Center - Plainview Clinic	34.6%	33.2%	726	Total Population
Sanford Bemidji 1611 Anne St Clinic	34.0%	33.3%	344	Total Population
Essentia Health St. Joseph's - Pierz Clinic	34.0%	33.9%	53	Total Population
Sanford Pelican Rapids Clinic	33.9%	36.1%	59	Total Population
Fairview Lino Lakes Clinic	33.8%	33.1%	293	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	33.3%	34.2%	60	Sample
Essentia Health Fosston	33.3%	32.9%	1269	Total Population
Fairview Savage Clinic	33.3%	32.5%	135	Total Population
Mayo Clinic Health System Albert Lea	33.3%	32.7%	297	Total Population
Ortonville Area Health Services-Northside Medical Clinic	33.3%	33.4%	129	Total Population
Sanford Tracy Clinic	33.3%	36.2%	30	Total Population
Mankato Clinic - Daniel's Health Center	33.2%	35.0%	178	Total Population
Fairview Jonathan Clinic	33.1%	33.5%	175	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 - Brooklyn Park Physicians	33.1%	33.1%	538	Total Population
Glencoe Regional Health Services - Glencoe	33.1%	32.4%	593	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba Clinic-Nashwauk	33.0%	31.1%	115	Total Population
Albany Medical Center	32.9%	31.6%	222	Total Population
HealthEast Eagan Clinic	32.7%	31.6%	52	Total Population
Sanford Twin Valley Clinic	32.7%	30.9%	49	Total Population
Murray County Clinic - Fulda	32.6%	30.5%	43	Total Population
Mayo Clinic - Speciality Practice	32.5%	31.4%	3420	Total Population
Avera Medical Group - Worthington	32.4%	30.9%	410	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	32.4%	32.2%	561	Total Population
Essentia Health - Walker	32.4%	36.3%	68	Total Population
Fairview Columbia Heights Clinic	32.3%	32.7%	879	Total Population
Avera - Pipestone County Medical Center	32.3%	32.3%	96	Sample
Buffalo Clinic-Albertville-St. Michael Clinic: Integrity Health	32.3%	32.1%	127	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba Clinic - Hibbing	32.1%	31.8%	514	Total Population
Altru Health System - Red Lake Falls	32.0%	34.6%	50	Total Population
HealthEast Stillwater Clinic	32.0%	37.7%	50	Total Population
Affiliated Community Medical Centers - Benson Clinic	31.8%	31.8%	264	Total Population
Fairview Riverside	31.7%	33.7%	262	Total Population
Essentia Health - Moorhead	31.7%	31.8%	281	Total Population
Allina Health System - Abbott Northwestern Endocrine Ctr	31.5%	31.2%	359	Total Population
Sanford Worthington Clinic	31.5%	30.3%	407	Total Population
Avera Medical Group - Marshall	31.4%	36.0%	35	Total Population
Ridgeview Westonka Clinic	31.4%	30.5%	344	Total Population
North Clinic - Maple Grove Office	31.3%	29.2%	80	Sample
St Luke's Clinics-Bay Area	31.3%	32.5%	64	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	31.1%	31.4%	228	Total Population
Sanford Cass Lake Clinic	31.1%	30.1%	45	Total Population
HealthEast Grand Avenue Clinic	31.0%	31.7%	313	Total Population
Fairview Pine City Clinic	31.0%	27.6%	155	Total Population
Mayo Clinic Health System Alden	31.0%	30.0%	84	Total Population
Fairview Hugo Clinic	30.9%	29.9%	181	Total Population
Olmsted Medical Center - Stewartville Clinic	30.8%	30.9%	120	Total Population
Sanford Jackson Clinic	30.8%	30.4%	91	Total Population
Sanford Luverne Clinic	30.7%	28.3%	459	Total Population
Sibley Medical Center - Arlington Site	30.7%	30.8%	140	Total Population
HealthEast Rice Street Clinic	30.6%	33.8%	556	Total Population
Valley Family Practice	30.4%	30.0%	115	Total Population
CentraCare Health System Long Prairie	30.3%	31.6%	99	Total Population
Ridgeview Excelsior Clinic	30.3%	30.5%	330	Total Population
FamilyHealth Medical Clinic - Lonsdale	30.2%	29.6%	63	Total Population
Essentia Health St. Joseph's Baxter Clinic	30.1%	30.0%	531	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	30.0%	29.3%	70	Total Population
Sanford Adrian Clinic	30.0%	29.7%	60	Sample
Edina Family Physicians, P.A.	29.6%	29.3%	578	Total Population
Essentia Health - Park Rapids	29.6%	28.0%	602	Total Population
Park Nicollet Clinic - Rogers	29.5%	33.4%	61	Total Population
Mayo Clinic Health System Austin	29.5%	28.8%	1334	Total Population
Fairview Bloomington Lake Minneapolis	28.9%	30.8%	408	Total Population
HealthEast Roselawn Clinic	28.9%	28.4%	83	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
AALFA Family Clinic	28.9%	29.9%	156	Total Population
Sibley Medical Center - Gaylord Site	28.9%	29.2%	52	Total Population
Glencoe Regional Health Services - Lester Prairie	28.7%	27.0%	108	Total Population
Buffalo Clinic-Integrity Health	28.7%	28.8%	638	Total Population
Essentia Health St. Joseph's - Crosslake Clinic	28.6%	29.9%	378	Total Population
Hennepin Co. Medical Center Clinics - Int. Med. Clinic at Parkside	28.6%	29.3%	63	Total Population
St. Mary's Innovis Health Clinic - Frazee	28.3%	27.3%	46	Total Population
Sacred Heart Mercy Health Care Center	28.2%	28.0%	39	Total Population
St Luke's Clinics-Miller Creek	28.1%	27.9%	57	Total Population
Duluth Family Med. Clinic (formerly Duluth Family Practice)	28.0%	31.6%	275	Total Population
Glenwood Medical Center	27.9%	26.5%	183	Total Population
Gateway Family Health Clinic - Hinckley	27.7%	28.0%	47	Total Population
University of Minnesota Physicians - Mill City Clinic	27.4%	25.7%	84	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	27.3%	27.5%	395	Total Population
Hutchinson Area Health Care - Dassel Medical Center	27.1%	27.3%	59	Total Population
Mayo Clinic Health System Kiester	27.1%	27.2%	59	Total Population
St Luke's Clinics-Mount Royal	26.8%	26.8%	153	Total Population
Buffalo Clinic-Monticello: Integrity Health	26.6%	26.1%	563	Total Population
Gateway Family Health Clinic - Moose Lake	26.5%	25.8%	495	Total Population
FamilyHealth Medical Clinic - Farmington	26.4%	26.7%	72	Total Population
Endocrinology Clinic of Minneapolis	26.3%	30.0%	80	Sample
Mayo Clinic Health System Belle Plaine	26.2%	25.3%	61	Sample
Avera Medical Group - Windom	26.1%	26.2%	547	Total Population
Family Medical Center	26.1%	24.2%	176	Total Population
Appleton Clinic	26.1%	24.7%	69	Total Population
Mayo Clinic Health System Janesville	26.1%	30.1%	46	Total Population
University of Minnesota Physicians - Smiley's Clinic	25.9%	26.9%	386	Total Population
Altru Health System - Greenbush	25.8%	26.1%	647	Total Population
CentraCare Health Plaza-Endocrinology	25.8%	26.3%	31	Total Population
Sanford Walker Clinic	25.7%	26.6%	175	Total Population
Parkway Family Physicians	25.6%	24.3%	133	Total Population
North Clinic - Osseo Office	25.2%	27.2%	111	Sample
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	25.2%	26.2%	401	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba - Mountain Iron	25.1%	25.0%	191	Total Population
Attending Physicians	25.0%	25.1%	60	Sample
Cuyuna Regional Medical Center-Longville	25.0%	34.5%	52	Total Population
Lake Region Healthcare - Battle Lake Clinic	25.0%	22.8%	60	Sample
Neighborhood Healthsource - Fremont Clinic	25.0%	27.2%	60	Total Population
Neighborhood Healthsource - Sheridan	25.0%	20.2%	60	Sample
Paynesville Medical Clinic	24.8%	22.7%	278	Total Population
Mayo Clinic Health System New Prague	24.6%	24.8%	61	Sample
Neighborhood Healthsource-Central Clinic	24.6%	24.5%	61	Sample
Glencoe Regional Health Services - Stewart	24.5%	26.9%	49	Total Population
St Luke's Clinics-Internal Medicine Associates	24.5%	23.3%	953	Total Population
University of Minnesota Physicians - Med. Specialties Clinic 6A	24.3%	24.4%	1196	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	23.7%	22.7%	215	Total Population
Altru Health System - Crookston	23.7%	23.7%	363	Total Population
Sanford South Moorhead Family Medicine	23.6%	23.4%	402	Total Population
Winona Health - Family Medicine	23.6%	23.3%	233	Total Population
Murray County Clinic	23.5%	23.3%	136	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Cuyuna Regional Medical Center-Clinic Services	23.3%	22.6%	210	Total Population
Essentia Health St. Joseph's - Pine River Clinic	23.3%	18.6%	60	Sample
St Luke's Clinics-Duluth Internal Medicine Associates	23.1%	22.7%	238	Total Population
Fairview Bloomington Lake Xerxes	22.8%	21.5%	57	Total Population
Sanford Health Broadway Clinic - Alexandria	22.8%	21.7%	760	Total Population
Essentia Health - Graceville Clinic	22.6%	24.1%	53	Total Population
Hennepin County Medical Center Clinics - Center for Senior Care	22.5%	30.6%	49	Total Population
Olmsted Medical Center - Chatfield Clinic	22.3%	21.4%	103	Total Population
CentraCare Health-Monticello Medical Group	22.2%	23.3%	54	Total Population
Ridgeview Howard Lake Clinic	22.2%	22.0%	108	Total Population
Sleepy Eye Medical Center	22.0%	22.3%	159	Total Population
Riverwood Aitkin Clinic	21.9%	22.6%	351	Total Population
Sanford Windom Clinic	21.9%	21.9%	105	Total Population
Altru Health System - Warroad	21.9%	20.5%	160	Total Population
United Hospital District Clinic	21.7%	21.4%	368	Total Population
HealthEast Roseville Clinic	21.7%	26.3%	175	Total Population
Lakeview Clinic - Watertown	21.7%	21.6%	60	Sample
Lakewood Health System - Eagle Valley Clinic	21.6%	22.0%	37	Total Population
CentraCare Health System Sauk Centre	21.5%	21.1%	288	Total Population
St Luke's Clinics-Denfeld	21.5%	21.2%	228	Total Population
Lakewood Health System - Browerville Clinic	21.3%	24.8%	47	Total Population
Bluestone Physician Services	21.2%	23.1%	113	Total Population
University of Minnesota Physicians - Primary Care Center	21.2%	21.2%	523	Total Population
Wadena Medical Center	21.2%	21.4%	542	Total Population
Parkview Medical Clinic	21.2%	19.3%	203	Total Population
Hennepin County Medical Center Clinics - Brooklyn Center Clinic	20.8%	23.9%	312	Total Population
LakeWood Health Center Clinic	20.8%	20.5%	197	Total Population
University of Minnesota Physicians - Phalen Clinic	20.7%	19.3%	406	Total Population
Johnson Memorial Health Services - Dawson Clinic	20.6%	19.2%	131	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake	20.4%	21.6%	343	Total Population
Scenic Rivers Health Services - Cook	20.3%	19.2%	128	Total Population
Lake Superior Community Health Center - Duluth	20.2%	21.1%	183	Total Population
Essentia Health Ada	20.0%	21.1%	60	Sample
Hennepin County Medical Center (HCMC) Clinics - Positive Care	20.0%	17.7%	80	Total Population
Lakeview Clinic - Waconia	20.0%	20.5%	60	Sample
Mayo Clinic Health System Adams	20.0%	19.2%	85	Total Population
Sanford Bagley Clinic	20.0%	19.2%	65	Total Population
University of Minnesota Physicians - Bethesda Clinic	19.9%	24.1%	467	Total Population
Hennepin Co. Med. Center Clinics - Cntr for Diabetes & Endoc.	19.9%	23.9%	800	Total Population
Lake View Clinic - Two Harbors	19.9%	17.6%	166	Total Population
Mid Minnesota Family Medicine Center	19.7%	21.7%	356	Total Population
Mayo Clinic Health System Wells	19.6%	20.2%	56	Total Population
NorthPoint Health & Wellness Center	19.6%	22.7%	1034	Total Population
Henning Medical Clinic	19.6%	19.4%	92	Total Population
Altru Health System - Roseau	19.5%	19.2%	318	Total Population
Paynesville Richmond Medical Clinic	19.5%	17.8%	118	Total Population
United Family Medicine	19.5%	21.4%	858	Total Population
Sanford Health Parkers Prairie Clinic	19.3%	18.1%	114	Total Population
FamilyHealth Medical Clinic - Northfield	19.2%	19.0%	125	Total Population
Paynesville Chain of Lakes Medical Clinic	18.9%	19.3%	74	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Lakewood Health System - Motley Clinic	18.7%	18.2%	541	Total Population
St Luke's Clinics-Endocrinology Associates	18.7%	19.9%	75	Total Population
Big Lake Clinic	18.4%	20.7%	98	Total Population
Lakeview Clinic - Chaska	18.3%	19.5%	60	Sample
Community-University Health Care Center	18.3%	16.4%	519	Total Population
Altru Health System - Erskine	18.2%	18.3%	99	Sample
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park	18.2%	21.1%	33	Total Population
Tyler Medical Clinic - Avera	18.2%	18.7%	154	Total Population
West Side Community Health Services - East Side Family Clinic	18.0%	24.9%	61	Sample
Sawtooth Mountain Clinic, Inc	17.8%	17.3%	231	Total Population
North Clinic - Oakdale Office in Robbinsdale	17.5%	16.1%	160	Sample
Southside Medical Clinic	17.4%	17.7%	415	Total Population
University of Minnesota Physicians - Broadway Family Medicine	17.4%	14.9%	196	Total Population
Lakewood Health System - Staples Clinic	17.0%	17.8%	399	Total Population
Lakeview Clinic - Norwood	16.7%	17.1%	60	Sample
Native American Community Clinic	16.7%	24.7%	60	Sample
St Luke's Clinics-Lester River	16.7%	17.2%	60	Total Population
Ottertail Area Medical Clinic	16.4%	19.9%	61	Total Population
Riverwood Garrison Clinic	16.2%	17.2%	74	Total Population
Foley Medical Center	15.9%	16.4%	182	Total Population
Integracare Ltd dba Williams Clinic	15.9%	16.2%	126	Total Population
Mayo Clinic Health System New Richland	15.9%	17.4%	63	Total Population
FamilyHealth Medical Clinic - Lakeville	15.8%	18.3%	38	Total Population
Essentia Health St. Joseph's - Pequot Lakes Clinic	15.7%	14.6%	89	Total Population
Sanford Hawley Clinic	15.6%	18.1%	32	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	15.3%	15.8%	829	Total Population
Boynton Health Service	15.3%	12.5%	85	Total Population
St Luke's Clinics-Laurentian	15.2%	14.9%	145	Total Population
Iron Range Clinic-Integrity Health	15.0%	28.4%	60	Sample
West Side Community Health Services - McDonough Homes	15.0%	13.4%	40	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	15.0%	14.1%	107	Total Population
Fairview Riverside Primary Care Clinic	14.9%	22.0%	154	Total Population
Grand Itasca Clinic	14.9%	15.9%	67	Sample
Open Door Health Center	14.3%	22.5%	70	Sample
Prairie Ridge Hospital & Health Services - Morris	13.9%	13.8%	173	Total Population
Hennepin County Medical Center (HCMC) Clinics - Downtown	13.7%	14.9%	1739	Total Population
Bertha Medical Clinic	13.3%	14.2%	60	Sample
Mille Lacs Health System - Onamia	13.3%	14.4%	30	Total Population
West Side Community Health Services - La Clinica	13.1%	23.4%	61	Sample
Stevens Community Medical Center - Starbuck Clinic	12.9%	13.4%	62	Total Population
Synergy Family Physicians, P.A.	12.9%	14.2%	31	Total Population
Fairview St. Francis Clinic	12.8%	14.0%	39	Total Population
Sibley Medical Center - Winthrop Site	12.8%	16.6%	39	Total Population
Lakewood Health System - Pillager Clinic	12.4%	14.5%	81	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	12.1%	11.3%	124	Total Population
Stevens Community Medical Center	11.8%	13.0%	68	Sample
Scandia Clinic	11.3%	11.3%	80	Total Population
North Valley Health Center	11.2%	10.9%	98	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	11.1%	6.0%	289	Total Population
Range Medical Services-Integrity Health	10.9%	10.5%	110	Total Population
Healing Spirit Clinic	10.5%	12.5%	38	Total Population
Allina Health System - Abbott NW General Med. Associates - Mpls	9.8%	15.0%	51	Total Population
River's Edge Clinic - St. Peter	9.7%	19.4%	31	Total Population
Scenic Rivers Health Services - Floodwood	9.1%	16.9%	33	Total Population
Riverwood McGregor Clinic	8.9%	10.1%	203	Total Population
St. Croix Family Medical Clinic	8.8%	27.5%	34	Total Population
RiverView Clinic North	8.7%	8.8%	92	Total Population
Ridgeview Chaska Clinic - Endocrinology	6.1%	6.6%	115	Total Population
Hennepin County Medical Center Clinics - Coordinated Care	5.3%	30.3%	57	Total Population
3rd Opinion	0.0%	0.7%	34	Total Population

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Entira Family Clinics - White Bear Lake-Bellaire Avenue	73.6%	70.5%	110	Total Population
Aspen Medical Group - Highland	73.1%	73.1%	78	Total Population
Park Nicollet Clinic - Prairie Center	70.1%	68.4%	117	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	68.9%	67.6%	650	Total Population
HealthPartners - Roseville	68.4%	70.6%	152	Total Population
Mayo Clinic Health System Wabasha	68.3%	63.9%	41	Total Population
Allina Medical Clinic - Shoreview	67.9%	66.8%	218	Total Population
Multicare Associates - Roseville Medical Center	67.7%	65.5%	34	Total Population
Mayo Clinic Health System Faribault Hwy 60	67.6%	65.8%	74	Total Population
Park Nicollet Clinic - Eagan	67.5%	64.6%	209	Total Population
Quello Clinic - Edina	66.9%	67.1%	154	Total Population
Catalyst Medical Clinic	66.7%	64.1%	60	Sample
Entira Family Clinics - West St. Paul	66.7%	66.2%	159	Total Population
Mankato Clinic - Lake Crystal	66.7%	67.8%	39	Total Population
Mayo Clinic Health System Montgomery	66.7%	65.1%	30	Total Population
Mayo Clinic Health System St. James	66.7%	63.2%	30	Total Population
Park Nicollet Clinic - Shorewood	66.7%	64.2%	90	Total Population
Park Nicollet Clinic - Golden Valley	66.4%	65.6%	286	Total Population
Fairview Crosstown Clinic	66.3%	64.2%	246	Total Population
Mayo Clinic Health System Lake City	66.2%	66.3%	71	Total Population
Allina Medical Clinic - Blaine	65.7%	67.8%	105	Total Population
HealthEast Vadnais Heights Clinic	65.5%	65.0%	110	Total Population
Park Nicollet Clinic - Burnsville	65.2%	64.4%	391	Total Population
Entira Family Clinics - Shoreview	64.2%	61.2%	106	Total Population
Park Nicollet Clinic - Plymouth	64.2%	62.4%	212	Total Population
Allina Medical Clinic - Crossroads Chaska	63.9%	64.0%	183	Total Population
Allina Medical Clinic - The Doctors Uptown	63.9%	62.3%	97	Total Population
Park Nicollet Clinic - Maple Grove	63.9%	62.0%	158	Total Population
Fairview Eagan Clinic	63.9%	65.8%	216	Total Population
Fairview Oxboro Clinic	63.8%	63.5%	406	Total Population
Entira Family Clinics - Como/Roseville	63.5%	60.4%	63	Total Population
HealthPartners - Elk River	63.0%	67.3%	100	Total Population
Mankato Clinic - North Mankato	62.7%	60.3%	134	Total Population
Edina Sports Health & Wellness	62.5%	55.7%	32	Total Population
Fairview Uptown Clinic	62.5%	61.5%	64	Total Population
Entira Family Clinics - North St. Paul	62.3%	61.4%	183	Total Population
Quello Clinic - Chanhassen	62.3%	66.9%	61	Total Population
North Memorial Clinic - Maple Grove	62.2%	60.0%	336	Total Population
Entira Family Clinics - Woodbury	62.0%	59.6%	158	Total Population
Entira Family Clinics - Maplewood/Battle Creek	62.0%	61.2%	142	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	62.0%	62.3%	389	Total Population
Allina Medical Clinic - Forest Lake	61.9%	61.5%	362	Total Population
HealthEast Midway Clinic	61.7%	61.0%	193	Total Population
Park Nicollet Clinic - Heart and Vascular Center - Cardiology	61.6%	61.4%	232	Total Population
HealthPartners - Riverside	61.6%	60.4%	354	Total Population
Allina Medical Clinic - Woodbury	61.5%	62.0%	283	Total Population
Mayo Clinic - Northeast	61.5%	58.8%	96	Total Population
Park Nicollet Clinic - Chanhassen	61.4%	60.4%	241	Total Population
Mankato Clinic - Mapleton	61.3%	59.2%	31	Total Population
Allina Medical Clinic - Eagan	61.0%	60.5%	141	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Entira Family Clinics - Inver Grove Heights	60.9%	60.2%	220	Total Population
Allina Medical Clinic - Coon Rapids	60.9%	60.9%	1140	Total Population
Fairview RidgeValley Clinic	60.8%	59.9%	153	Total Population
Allina Medical Clinic - Hastings (Nininger)	60.7%	60.5%	257	Total Population
Quello Clinic - Burnsville	60.5%	60.8%	119	Total Population
Fairview Brooklyn Park Clinic	60.4%	60.3%	197	Total Population
HealthEast Cottage Grove Clinic	60.4%	57.2%	212	Total Population
HealthPartners - Arden Hills	60.3%	60.3%	131	Total Population
Northwest Family Physicians - Plymouth	60.2%	60.8%	103	Total Population
HealthPartners - Regions Specialty Ctr	60.2%	60.3%	1424	Total Population
Park Nicollet Clinic - Carlson	60.2%	58.8%	241	Total Population
HealthPartners - Coon Rapids	60.1%	60.6%	218	Total Population
Essentia Health - Lakewalk Clinic	60.0%	59.6%	100	Total Population
Fairview Rosemount Clinic	60.0%	59.3%	65	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	60.0%	60.4%	100	Total Population
Richfield Medical Group	60.0%	57.2%	60	Sample
Allina Medical Clinic - West Health Campus	59.9%	59.2%	292	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	59.9%	59.8%	384	Total Population
Allina Medical Clinic - Northfield	59.9%	59.5%	364	Total Population
Family Practice Medical Center of Willmar	59.8%	60.5%	122	Total Population
Affiliated Community Medical Centers - Willmar Clinic	59.8%	59.7%	199	Total Population
Park Nicollet Clinic - Shakopee	59.8%	59.4%	251	Total Population
Allina Medical Clinic - Buffalo	59.6%	58.1%	292	Total Population
Allina Medical Clinic - Ramsey	59.6%	58.9%	240	Total Population
Allina Medical Clinic - Woodlake	59.6%	58.8%	423	Total Population
Allina Medical Clinic - United Medical Specialties	59.5%	57.5%	227	Total Population
Aspen Medical Group - White Bear Lake	59.2%	58.4%	76	Total Population
Allina Medical Clinic - Elk River	59.2%	58.8%	120	Total Population
Fairview Northeast Clinic	58.9%	60.1%	163	Total Population
Park Nicollet Clinic - Wayzata	58.9%	55.5%	292	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	58.9%	55.5%	214	Total Population
Aspen Medical Group - Bandana Square	58.7%	59.1%	225	Total Population
HealthPartners - White Bear Lake	58.6%	57.6%	140	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health	58.6%	56.7%	70	Total Population
Ridgeview Excelsior Clinic	58.5%	55.7%	41	Total Population
HealthEast Downtown St. Paul Clinic	58.3%	58.8%	266	Total Population
Entira Family Clinics - Vadnais Heights	58.3%	57.4%	115	Total Population
Northwest Family Physicians - Crystal	58.2%	57.5%	122	Total Population
Allina Health System - New Ulm Medical Center	58.2%	58.7%	483	Total Population
HealthPartners - Bloomington	58.1%	58.4%	167	Total Population
HealthEast Woodbury Clinic	58.0%	57.6%	274	Total Population
Mayo Clinic - Kasson	58.0%	56.6%	81	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	57.9%	58.3%	38	Total Population
Fairview EdenCenter Clinic	57.9%	59.5%	152	Total Population
HealthPartners - Lino Lakes	57.9%	56.8%	76	Total Population
HealthPartners - Inver Grove Heights	57.8%	56.7%	83	Total Population
Allina Medical Clinic - West St. Paul	57.7%	57.4%	350	Total Population
Mankato Clinic - Wickersham Campus	57.7%	56.7%	137	Total Population
North Memorial Clinic - Minnetonka Physicians	57.5%	58.6%	80	Total Population
Sanford Black Duck Clinic	57.5%	59.4%	40	Total Population

+ Cardiology

### Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Woodbury	57.5%	55.9%	254	Total Population
Aspen Medical Group - Hopkins	57.5%	57.9%	47	Total Population
Fairview Ridges Clinic	57.4%	55.2%	357	Total Population
Park Nicollet Clinic - Prior Lake	57.4%	57.7%	68	Total Population
Allina Medical Clinic - Edina	57.3%	57.2%	164	Total Population
Park Nicollet Clinic - Minneapolis	57.2%	60.1%	152	Total Population
Park Nicollet Clinic - Bloomington	57.2%	55.0%	222	Total Population
Sanford Westbrook Clinic	57.1%	53.2%	49	Total Population
Essentia Health - Proctor Clinic	57.0%	56.9%	86	Total Population
Allina Medical Clinic - Maple Grove	56.9%	57.7%	72	Total Population
Fairview Lakeville Clinic	56.9%	55.6%	72	Total Population
Park Nicollet Clinic - Brookdale	56.9%	57.4%	357	Total Population
Sleepy Eye Medical Center	56.8%	56.7%	37	Total Population
Fairview CedarRidge Clinic	56.7%	57.2%	194	Total Population
St. Cloud Medical Group - NW- Integrity Health	56.7%	56.9%	60	Sample
Allina Medical Clinic - Champlin	56.6%	56.9%	113	Total Population
HealthPartners - Como	56.5%	55.2%	269	Total Population
Allina Medical Clinic - Faribault	56.3%	56.7%	288	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	56.3%	55.9%	144	Total Population
Allina Health System - Abbott NW General Med. Assoc. - Edina	56.2%	56.2%	431	Total Population
Mayo Clinic Health System Mankato Northridge	56.1%	55.9%	66	Total Population
Essentia Health - Duluth Clinic 1st St	56.0%	55.7%	732	Total Population
Allina Medical Clinic - St. Michael	56.0%	54.8%	50	Total Population
Entira Family Clinics - Highland	56.0%	55.2%	84	Total Population
Allina Medical Clinic - Cottage Grove	55.9%	56.0%	288	Total Population
North Memorial Clinic - Golden Valley Physicians	55.8%	54.9%	172	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	55.8%	56.4%	138	Total Population
Mayo Clinic - Speciality Practice	55.8%	55.1%	2884	Total Population
Fairview Hiawatha Clinic	55.8%	56.7%	113	Total Population
Allina Medical Clinic - Nicollet Mall	55.7%	55.1%	194	Total Population
Allina Medical Clinic - Cambridge Medical Center	55.6%	55.7%	745	Total Population
Steven Saliterman, MD	55.6%	52.9%	36	Total Population
Fairview Chisago Lakes Clinic	55.5%	56.0%	155	Total Population
Northwest Family Physicians - Rogers	55.3%	55.0%	85	Total Population
Buffalo Clinic-Albertville-St. Michael Clinic: Integrity Health	55.3%	58.4%	38	Total Population
Mayo Clinic Health System Albert Lea	55.2%	54.4%	589	Total Population
Fairview North Branch Clinic	55.0%	55.2%	149	Total Population
Fairview Zimmerman Clinic	55.0%	53.4%	40	Total Population
St. Cloud Medical Group - South - Integrity Health	55.0%	50.8%	60	Sample
FirstLight Health System - Pine City	54.9%	54.1%	51	Total Population
Sanford Bemidji Main Clinic Internal Medicine	54.9%	54.4%	441	Total Population
Essentia Health - West Duluth Clinic	54.9%	54.8%	308	Total Population
Mayo Clinic Health System Waseca	54.6%	54.3%	119	Total Population
CentraCare River Campus-Internal Medicine	54.6%	53.1%	546	Total Population
University of Minnesota Heart - Princeton Clinic	54.6%	59.0%	44	Total Population
Multicare Associates - Fridley Medical Center	54.4%	53.4%	384	Total Population
Olmsted Medical Center - Rochester Northwest	54.4%	52.9%	92	Total Population
Allina Medical Clinic - Shakopee	54.3%	56.2%	219	Total Population
Allina Medical Clinic - Hastings (W First St)	54.3%	55.3%	315	Total Population
Olmsted Medical Center - Stewartville Clinic	54.3%	51.5%	35	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Apple Valley Medical Clinic - Family Practice	54.1%	53.1%	157	Total Population
Allina Medical Clinic - Isles	54.1%	54.8%	109	Total Population
Stillwater Medical Group - Curve Crest Clinic	53.8%	53.7%	667	Total Population
Quello Clinic - Lakeville	53.7%	52.9%	188	Total Population
Essentia Health - Ely Clinic	53.7%	53.2%	205	Total Population
CentraCare Health Plaza-Internal Medicine	53.5%	52.3%	213	Total Population
Burnsville Family Physicians	53.5%	53.4%	86	Total Population
Essentia Health - Deer River Clinic	53.5%	55.0%	174	Total Population
CentraCare Health System Melrose	53.4%	53.2%	103	Total Population
Fairview Rogers Clinic	53.3%	52.2%	45	Total Population
Mankato Clinic - Daniel's Health Center	53.3%	50.4%	45	Total Population
Fairview Highland Park Clinic	53.3%	51.7%	92	Total Population
Allina Health System - Minneapolis Heart Institute Shakopee	53.2%	53.8%	301	Total Population
Allina Medical Clinic - North Branch	53.1%	51.5%	49	Total Population
Entira Family Clinics - East Side	53.0%	53.3%	115	Total Population
HealthPartners - West	53.0%	54.9%	132	Total Population
Mayo Clinic Health System Mankato Eastridge	52.9%	53.6%	119	Total Population
North Memorial Clinic - Brooklyn Park Physicians	52.8%	53.3%	142	Total Population
North Memorial - Silver Lake Clinic Blaine	52.8%	52.3%	144	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health	52.8%	52.3%	72	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	52.6%	52.3%	57	Total Population
Mayo Clinic - Northwest	52.6%	51.5%	57	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	52.6%	50.3%	173	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	52.4%	52.1%	82	Total Population
Sanford Thief River Falls Clinic	52.4%	52.6%	502	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	52.4%	56.0%	42	Total Population
Fairview Bass Lake Clinic	52.4%	54.6%	42	Total Population
Fairview Hugo Clinic	52.4%	48.2%	42	Total Population
Aspen Medical Group - Bloomington	52.0%	52.0%	150	Total Population
Richard Schoewe MD	51.6%	50.4%	31	Total Population
Allina Medical Clinic - Brooklyn Park	51.5%	57.7%	33	Total Population
Ridgeview Delano Clinic	51.5%	51.5%	66	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	51.5%	51.5%	695	Total Population
Gateway Family Health Clinic - Sandstone	51.5%	50.7%	101	Total Population
HealthPartners - Maplewood	51.5%	51.4%	169	Total Population
Aspen Medical Group - Maplewood	51.4%	51.6%	288	Total Population
Parkview Medical Clinic	51.4%	49.1%	37	Total Population
Mayo Clinic Health System Red Wing	51.0%	50.7%	412	Total Population
Allina Medical Clinic - Annandale	50.9%	50.1%	55	Total Population
Essentia Health - Hermantown Clinic	50.8%	50.8%	262	Total Population
Essentia Health - Aurora Clinic	50.7%	50.4%	140	Total Population
CentraCare - Heartland	50.7%	50.2%	225	Total Population
HealthEast Maplewood Clinic	50.4%	49.7%	121	Total Population
HealthPartners - Brooklyn Center	50.4%	51.3%	246	Total Population
North Memorial - Silver Lake Clinic St. Anthony	50.4%	49.2%	246	Total Population
Mayo Clinic Health System Owatonna	50.3%	50.6%	346	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	50.1%	49.5%	679	Total Population
AALFA Family Clinic	50.0%	47.4%	40	Total Population
Fairview Andover Clinic	50.0%	49.7%	162	Total Population
Multicare Associates - Blaine Medical Center	50.0%	49.6%	184	Total Population

+ Cardiology



## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Raiter Clinic-Integrity Health	50.0%	49.6%	60	Sample
St Luke's Clinics-Denfeld	50.0%	49.2%	72	Total Population
University of Minnesota Heart- Burnsville Clinic	50.0%	48.1%	60	Sample
Mankato Clinic - Main Street	49.9%	49.3%	341	Total Population
Aspen Medical Group - Inver Grove Heights	49.7%	49.1%	143	Total Population
Fairview Fridley Clinic	49.5%	49.3%	327	Total Population
Aspen Medical Group - East Lake Street	49.5%	49.6%	97	Total Population
FirstLight Health System - Mora	49.5%	49.5%	186	Total Population
HealthPartners - Anoka	49.4%	47.7%	239	Total Population
Fairview Blaine Clinic	49.2%	49.5%	122	Total Population
North Memorial Clinic - Northeast Family Physicians	49.1%	50.5%	55	Total Population
Allina Health System - Minneapolis Heart Institute Plymouth	49.1%	48.3%	375	Total Population
Hutchinson Medical Center	49.0%	48.3%	308	Total Population
Fairview Rush City Clinic	48.9%	48.5%	131	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	48.8%	48.1%	43	Total Population
CentraCare - Becker	48.8%	50.5%	82	Total Population
Maple Grove Heart & Vascular Insitute	48.8%	48.0%	363	Total Population
St Luke's Clinics-Internal Medicine Associates	48.7%	48.3%	470	Total Population
Ortonville Area Health Services-Northside Medical Clinic	48.7%	49.0%	152	Total Population
Mayo Clinic Health System Austin	48.6%	48.1%	519	Total Population
HealthEast Rice Street Clinic	48.4%	50.5%	122	Total Population
Mayo Clinic Health System Fairmont	48.3%	48.1%	180	Total Population
North Memorial Clinic - Camden Physicians, Mpls	48.3%	49.1%	118	Total Population
Fairview Princeton Clinic	48.3%	48.4%	265	Total Population
Affiliated Community Medical Centers - Marshall (Market St.)	48.3%	48.7%	114	Total Population
Essentia Health - Hibbing Clinic	48.2%	47.6%	251	Total Population
HealthPartners - Ctr for Internatl Hlth	48.2%	54.1%	54	Total Population
Olmsted Medical Center - Rochester Southeast	47.9%	47.4%	326	Total Population
Sibley Medical Center - Arlington Site	47.7%	46.6%	44	Total Population
Essentia Health - Virginia Clinic	47.7%	47.5%	325	Total Population
North Memorial Clinic - Elk River Physicians	47.6%	46.2%	63	Total Population
CentraCare Health Plaza-Family Medicine	47.6%	49.2%	164	Total Population
Rainy Lake Medical Center	47.5%	47.5%	179	Total Population
HealthPartners - Apple Valley	47.4%	48.2%	95	Total Population
HealthPartners Central Minnesota Clinics	47.3%	46.5%	275	Total Population
Sanford South Moorhead Internal Medicine	47.1%	46.9%	191	Total Population
Fairview Jonathan Clinic	46.9%	46.7%	49	Total Population
HealthEast Roselawn Clinic	46.9%	51.3%	81	Total Population
HealthPartners - Andover	46.9%	46.8%	194	Total Population
Fairview Maple Grove Medical Center	46.9%	50.8%	32	Total Population
Fairview Elk River Clinic	46.8%	46.8%	126	Total Population
Fairview Riverside	46.8%	46.6%	47	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	46.7%	45.6%	60	Sample
HealthPartners - Adult & Seniors Health	46.6%	47.5%	352	Total Population
Fairview Pine City Clinic	46.5%	43.2%	43	Total Population
Hennepin County Medical Center - Int. Med. Clinic at Parkside	46.4%	46.2%	138	Total Population
HealthEast Oakdale	46.3%	46.1%	216	Total Population
Sanford Bemidji 1611 Anne St Clinic	46.2%	46.4%	173	Total Population
HealthEast Hugo Clinic	46.2%	45.1%	52	Total Population
Sanford Worthington Clinic	46.1%	46.0%	243	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Essentia Health - Lakeside Clinic	46.0%	46.3%	198	Total Population
Fairview Lakes Medical Center	45.9%	45.7%	501	Total Population
Allina Hlth System - Metro. Heart & Vasc. Institute Coon Rapids	45.9%	45.8%	3471	Total Population
North Memorial Clinic - Brooklyn Center Physicians	45.7%	45.1%	94	Total Population
Park Nicollet Clinic - Creekside	45.6%	46.6%	79	Total Population
Sanford Detroit Lakes Clinic	45.5%	44.9%	356	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	45.4%	46.3%	119	Total Population
Sanford East Grand Forks Clinic	45.4%	44.1%	194	Total Population
France Avenue Family Physicians	45.4%	44.6%	86	Total Population
Fairview Milaca Clinic	45.3%	44.6%	64	Total Population
Fairview Columbia Heights Clinic	45.0%	45.4%	280	Total Population
Integracare Ltd dba Williams Clinic	44.7%	44.2%	38	Total Population
Sanford Mountain Lake Clinic	44.7%	45.2%	47	Total Population
St Luke's Clinics-Cardiology Associates	44.7%	44.2%	759	Total Population
Sanford Perham Clinic	44.5%	44.3%	155	Total Population
Allina Health System - United Heart and Vascular Clinic	44.3%	44.3%	2218	Total Population
Affiliated Community Medical Centers - New London Clinic	44.2%	42.8%	52	Total Population
Winona Health - Winona Clinic	44.2%	43.9%	208	Total Population
Allina Medical Clinic - Farmington	44.2%	43.5%	77	Total Population
North Clinic - Maple Grove Office	44.1%	45.4%	34	Total Population
Mayo Clinic Health System St. Peter	43.9%	43.2%	82	Total Population
Affiliated Community Medical Centers - Benson Clinic	43.8%	45.7%	64	Total Population
Buffalo Clinic-Monticello: Integrity Health	43.7%	42.4%	151	Total Population
Olmsted Medical Center - Byron Clinic	43.6%	45.2%	39	Total Population
Allina Health System - Minneapolis Heart Institute ANW	43.5%	43.5%	2361	Total Population
CentraCare - St. Joseph	43.4%	43.6%	83	Total Population
Allina Health System - Metro. Heart & Vascular Institute Fridley	43.3%	43.3%	683	Total Population
University of Minnesota Heart - Edina Clinic	43.3%	42.0%	60	Sample
University of Minnesota Heart - Wyoming Clinic	43.3%	41.6%	67	Sample
Essentia Health St. Joseph's Baxter Clinic	43.1%	44.4%	223	Total Population
Bluestone Physician Services	42.9%	43.1%	49	Total Population
North Clinic - WestHealth Office in Plymouth	42.9%	42.1%	49	Total Population
Sanford Canby Clinic	42.9%	42.6%	84	Total Population
HealthPartners - Hlth Ctr for Women	42.4%	45.1%	59	Total Population
University of Minnesota Heart - University Clinic	42.3%	41.1%	293	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba Clinic - Hibbing	42.3%	42.1%	149	Total Population
Gateway Family Health Clinic - Moose Lake	42.2%	43.1%	206	Total Population
Ridgeview Westonka Clinic	42.0%	40.5%	162	Total Population
Quello Clinic - Savage	41.5%	40.9%	41	Total Population
Sanford New York Mills Clinic	41.5%	38.6%	41	Total Population
Fairview Lino Lakes Clinic	41.4%	41.2%	99	Total Population
Olmsted Medical Center - Spring Valley Clinic	41.4%	39.1%	58	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	40.9%	39.8%	159	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield	40.8%	38.1%	49	Total Population
HealthPartners - St Paul	40.6%	41.0%	170	Total Population
Parkway Family Physicians	40.5%	38.5%	37	Total Population
University of Minnesota Physicians - Phalen Clinic	40.3%	43.1%	62	Total Population
Grand Itasca Clinic	40.3%	42.6%	67	Sample
Essentia Health St. Joseph's - Pierz Clinic	40.0%	41.0%	30	Total Population
Mayo Clinic Health System Cannon Falls	40.0%	40.0%	30	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
North Memorial Heart & Vascular Institute	40.0%	40.5%	588	Total Population
Altru Health System - Crookston	39.9%	39.5%	228	Total Population
Buffalo Clinic-Integrity Health	39.6%	39.4%	245	Total Population
Mayo Clinic Health System Le Sueur	39.6%	40.8%	48	Total Population
Allina Health System - Minneapolis Heart Institute - Baxter	39.4%	39.3%	287	Total Population
Allina Health System - Metro. Heart & Vascular Institute Buffalo	39.3%	38.9%	295	Total Population
Sanford South Moorhead Family Medicine	39.1%	40.1%	197	Total Population
Sanford Jackson Clinic	39.1%	41.3%	64	Total Population
St Luke's Clinics-Duluth Internal Medicine Associates	38.9%	39.0%	131	Total Population
University of Minnesota Physicians - Primary Care Center	38.6%	38.9%	132	Total Population
Stillwater Medical Group - Lakeview Campus	38.5%	37.7%	39	Total Population
Essentia Health St. Joseph's - Pequot Lakes Clinic	38.0%	41.4%	50	Total Population
HealthEast Grand Avenue Clinic	38.0%	36.8%	79	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	37.8%	42.7%	37	Total Population
Sanford Adrian Clinic	37.8%	37.2%	37	Total Population
Sanford Luverne Clinic	37.8%	38.6%	217	Total Population
North Clinic - Osseo Office	37.7%	38.2%	69	Total Population
Avera Medical Group - Worthington	37.3%	35.7%	134	Total Population
FirstLight Health System - Hinckley	37.2%	36.8%	43	Total Population
United Hospital District Clinic	37.0%	40.5%	92	Total Population
Ridgeview Chanhassen Clinic	36.8%	39.6%	87	Total Population
Sanford Bemidji Main Clinic Family Medicine	36.8%	36.4%	166	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	36.7%	34.7%	60	Sample
Allina Hlth System - Metro. Heart & Vascular Institute Elk River	36.6%	36.7%	71	Total Population
Essentia Health - Moorhead	36.5%	37.2%	74	Total Population
Glencoe Regional Health Services - Lester Prairie	36.4%	37.7%	33	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	36.1%	35.1%	72	Total Population
Allina Hlth Sys. - Metro. Heart & Vascular Institute Maple Grove	35.8%	35.2%	151	Total Population
Albany Medical Center	35.5%	35.2%	76	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	35.4%	34.6%	65	Total Population
Allina Health System - Minneapolis Heart Institute Edina	35.3%	35.6%	521	Total Population
HealthPartners - Midway	35.3%	36.7%	85	Total Population
Essentia Health - Park Rapids	35.1%	34.9%	271	Total Population
Glencoe Regional Health Services - Glencoe	35.1%	35.5%	174	Total Population
Essentia Health St. Joseph's - Pine River Clinic	35.1%	39.3%	97	Total Population
Murray County Clinic	35.0%	32.0%	60	Total Population
United Family Medicine	34.6%	36.8%	240	Total Population
Sanford Tracy Clinic	34.5%	35.0%	87	Total Population
North Clinic - Oakdale Office in Robbinsdale	34.4%	35.0%	61	Total Population
CentraCare Health System Sauk Centre	34.2%	34.5%	79	Total Population
Allina Health System - Minneapolis Heart Institute Crosby	34.0%	34.9%	268	Total Population
Mid Minnesota Family Medicine Center	33.7%	40.4%	83	Total Population
Cuyuna Regional Medical Center-Clinic Services	33.3%	35.7%	60	Sample
Essentia Health Fosston	33.3%	34.6%	48	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	33.3%	36.4%	39	Total Population
Sacred Heart Mercy Health Care Center	33.3%	33.0%	36	Total Population
Family Medical Center	32.8%	33.0%	119	Total Population
Hennepin County Medical Center s - Hennepin Heart Center	32.7%	37.4%	55	Total Population
HealthEast Roseville Clinic	32.4%	39.1%	37	Total Population
St Luke's Clinics-Mount Royal	32.4%	36.5%	37	Total Population
CentraCare Health System Long Prairie	32.1%	31.0%	81	Total Population
Fairview Riverside Primary Care Clinic	31.9%	38.2%	47	Total Population
Sanford Health Broadway Clinic - Alexandria	31.8%	31.4%	324	Total Population
Lake View Clinic - Two Harbors	31.7%	30.4%	60	Total Population
Lakewood Health System - Staples Clinic	31.4%	32.4%	86	Total Population
Edina Family Physicians, P.A.	31.4%	32.2%	51	Total Population
Johnson Memorial Health Services - Dawson Clinic	31.3%	30.8%	32	Total Population
Hennepin County Medical Center Clinics - Brooklyn Center	31.1%	29.1%	45	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Altru Health System - Warroad	30.9%	32.0%	55	Total Population
University of Minnesota Physicians - Bethesda Clinic	30.8%	34.4%	78	Total Population
Stevens Community Medical Center	30.3%	31.3%	66	Sample
Scandia Clinic	30.2%	30.8%	43	Total Population
Riverwood Garrison Clinic	30.0%	30.6%	30	Total Population
St Luke's Clinics-Laurentian	29.7%	31.8%	37	Total Population
University of Minnesota Physicians - Broadway Family Medicine	29.7%	34.6%	91	Total Population
West Side Community Health Services - East Side Family Clinic	29.5%	32.7%	61	Sample
Altru Health System - Roseau	29.4%	29.1%	201	Total Population
Cuyuna Regional Medical Center-Longville	29.3%	30.8%	41	Total Population
Essentia Health - Heart and Vascular Center (Brainerd)	28.6%	29.3%	35	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier	28.4%	25.1%	81	Total Population
Lakeview Clinic - Waconia	28.3%	30.1%	60	Sample
Sanford Windom Clinic	28.2%	29.3%	39	Total Population
LakeWood Health Center Clinic	27.8%	29.1%	144	Total Population
Wadena Medical Center	27.7%	28.8%	238	Total Population
Hennepin County Medical Center (HCMC) Clinics - Downtown	27.2%	27.9%	467	Total Population
Duluth Family Medicine Clinic (formerly Duluth Family Practice)	26.9%	30.0%	52	Total Population
Mille Lacs Health System - Onamia	26.7%	27.4%	60	Sample
West Side Community Health Services - La Clinica	26.7%	33.9%	60	Sample
Paynesville Medical Clinic	26.4%	26.2%	87	Total Population
Big Lake Clinic	25.8%	26.5%	31	Total Population
CentraCare Health-Monticello Medical Group	25.8%	26.1%	62	Total Population
FamilyHealth Medical Clinic - Northfield	25.8%	30.7%	31	Total Population
Native American Community Clinic	25.8%	37.6%	31	Total Population
Sawtooth Mountain Clinic, Inc	25.7%	26.6%	74	Total Population
Riverwood Aitkin Clinic	25.3%	23.4%	150	Total Population
Essentia Health - Graceville Clinic	25.0%	26.1%	40	Total Population
NorthPoint Health & Wellness Center	23.9%	38.2%	130	Total Population
Mayo Clinic Health System New Prague	23.6%	24.7%	55	Total Population
Sanford Walker Clinic	23.6%	25.7%	106	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake	23.5%	33.8%	34	Total Population
Neighborhood Healthsource - Fremont Clinic	23.3%	37.3%	30	Total Population
Valley Family Practice	23.3%	26.4%	30	Total Population
Courage Center Physicians' Clinic	22.7%	32.8%	44	Total Population
Iron Range Clinic-Integrity Health	22.6%	27.3%	31	Total Population
Tyler Medical Clinic - Avera	22.2%	21.7%	45	Total Population
CentraCare River Campus-CentraCare Heart & Vascular Center	22.1%	21.8%	783	Total Population
Avera Medical Group - Windom	21.4%	20.9%	42	Total Population
Community-University Health Care Center	20.6%	30.8%	34	Total Population
Prairie Ridge Hospital & Health Services - Morris	20.4%	20.9%	93	Total Population
Avera - Pipestone County Medical Center	20.3%	20.6%	74	Total Population
Attending Physicians	19.6%	21.1%	46	Total Population
HealthEast Heart Care-St. Joseph's Hospital	19.2%	19.2%	583	Total Population
Range Medical Services-Integrity Health	18.5%	19.5%	65	Total Population
Sanford Bagley Clinic	18.3%	21.1%	60	Sample
North Valley Health Center	17.1%	20.9%	35	Total Population
Glenwood Medical Center	16.7%	17.0%	42	Total Population
Sanford Health Parkers Prairie Clinic	16.7%	19.1%	42	Total Population
Essentia Health - Duluth Clinic Main	16.2%	16.3%	191	Total Population
Henning Medical Clinic	15.8%	17.5%	38	Total Population
Riverwood McGregor Clinic	15.6%	15.8%	90	Total Population
Lake Superior Community Health Center - Duluth	15.4%	25.4%	39	Total Population
Life Medical	15.2%	24.1%	33	Total Population
RiverView Clinic North	11.6%	13.5%	43	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	11.4%	20.4%	35	Total Population

+ Cardiology

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Essentia Health - Aurora Clinic	28.9%	28.4%	104	Total Population
Aspen Medical Group - Hopkins	28.0%	27.3%	75	Total Population
Essentia Health - Deer River Clinic	24.7%	24.9%	186	Total Population
Mayo Clinic - Northwest	23.5%	23.8%	340	Total Population
Sawtooth Mountain Clinic, Inc	21.6%	20.3%	37	Total Population
Entira Family Clinics - North St. Paul	21.3%	20.7%	314	Total Population
Allina Medical Clinic - Brooklyn Park	20.2%	20.0%	134	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - St. Anthony Village Cl	20.0%	21.2%	30	Total Population
Quello Clinic - Edina	19.9%	19.6%	206	Total Population
Entira Family Clinics - Highland	19.7%	19.8%	152	Total Population
Mayo Clinic - Northeast	19.1%	19.1%	357	Total Population
Aspen Medical Group - Highland	18.7%	18.0%	139	Total Population
Quello Clinic - Lakeville	18.4%	18.5%	228	Total Population
Allina Medical Clinic - Crossroads Chaska	18.2%	18.0%	209	Total Population
Allina Medical Clinic - West Health Campus	17.5%	18.1%	252	Total Population
Entira Family Clinics - Inver Grove Heights	17.3%	16.7%	226	Total Population
Entira Family Clinics - Maplewood/Battle Creek	17.1%	17.1%	234	Total Population
Affiliated Community Medical Centers - New London Clinic	16.9%	15.8%	71	Total Population
Entira Family Clinics - Shoreview	16.8%	17.3%	137	Total Population
Allina Medical Clinic - Shoreview	16.4%	15.7%	366	Total Population
Entira Family Clinics - Como/Roseville	15.9%	16.1%	183	Total Population
HealthEast Downtown St. Paul Clinic	15.5%	15.2%	58	Total Population
Park Nicollet Clinic - Eagan	15.0%	14.9%	340	Total Population
Allina Medical Clinic - Farmington	15.0%	14.0%	160	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	14.7%	14.6%	184	Total Population
Allina Medical Clinic - Cokato	14.6%	12.8%	55	Total Population
Entira Family Clinics - West St. Paul	14.5%	14.1%	296	Total Population
Mayo Clinic - Kasson	14.2%	13.8%	288	Total Population
Aspen Medical Group - White Bear Lake	14.1%	14.3%	99	Total Population
Allina Medical Clinic - Annandale	14.0%	14.3%	114	Total Population
Entira Family Clinics - Vadnais Heights	14.0%	14.1%	321	Total Population
Entira Family Clinics - Woodbury	13.9%	14.0%	418	Total Population
Allina Medical Clinic - Shakopee	13.7%	13.5%	469	Total Population
Allina Medical Clinic - Hastings (W First St)	13.6%	13.4%	632	Total Population
Allina Medical Clinic - Buffalo	13.6%	13.7%	567	Total Population
Essentia Health - Hibbing Clinic	13.5%	13.7%	185	Total Population
Essentia Health - Hermantown Clinic	13.4%	14.0%	239	Total Population
Allina Medical Clinic - Faribault	13.3%	13.3%	732	Total Population
Allina Medical Clinic - Cambridge Medical Center	12.9%	12.8%	1058	Total Population
Allina Medical Clinic - Eagan	12.8%	12.8%	438	Total Population
Allina Medical Clinic - Coon Rapids	12.7%	12.6%	1533	Total Population
Allina Medical Clinic - St. Michael	12.6%	12.5%	198	Total Population
Aspen Medical Group - Inver Grove Heights	12.3%	12.5%	244	Total Population
Park Nicollet Clinic - Bloomington	12.2%	12.6%	98	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	12.1%	12.3%	527	Total Population
Quello Clinic - Chanhassen	12.1%	12.9%	66	Total Population
Allina Medical Clinic - Ramsey	11.9%	12.0%	219	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	11.7%	11.8%	196	Total Population
Mankato Clinic - Department of Psychiatry & Psychology	11.7%	10.9%	351	Total Population
Allina Medical Clinic - Woodbury	11.6%	11.5%	868	Total Population
Essentia Health - Virginia Clinic	11.6%	11.7%	95	Total Population
Entira Family Clinics - East Side	11.4%	11.7%	271	Total Population
Aspen Medical Group - Bandana Square	11.4%	11.0%	492	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	11.3%	11.5%	142	Total Population
Allina Medical Clinic - Elk River	11.2%	11.0%	197	Total Population

○ Behavioral Health

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Edina	11.2%	11.5%	233	Total Population
Sanford Worthington Clinic	11.1%	8.4%	36	Total Population
Allina Medical Clinic - Champlin	11.0%	11.1%	511	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	10.7%	10.7%	300	Total Population
Mid Minnesota Family Medicine Center	10.7%	11.3%	244	Total Population
Mankato Clinic - North Mankato	10.6%	10.6%	199	Total Population
HealthEast Roseville Clinic	10.4%	10.3%	77	Total Population
Allina Medical Clinic - Blaine	10.3%	10.3%	331	Total Population
Park Nicollet Clinic - Minneapolis	10.3%	11.3%	39	Total Population
Allina Medical Clinic - Forest Lake	10.1%	10.2%	385	Total Population
○ Zumbro Valley Mental Health Center - Main Campus	10.1%	9.1%	79	Total Population
Park Nicollet Clinic - Prairie Center	10.1%	10.0%	119	Total Population
Quello Clinic - Burnsville	10.0%	9.9%	211	Total Population
Quello Clinic - Savage	9.9%	9.5%	172	Total Population
HealthEast Woodbury Clinic	9.7%	9.7%	226	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	9.7%	9.8%	217	Total Population
Allina Medical Clinic - West St. Paul	9.6%	9.6%	492	Total Population
Affiliated Community Medical Centers - Benson Clinic	9.3%	9.7%	54	Total Population
Northwest Family Physicians - Rogers	9.3%	9.7%	173	Total Population
○ Allina Health System - Allina Mental Health St. Paul	9.0%	8.8%	288	Total Population
HealthPartners - Roseville	9.0%	8.9%	255	Total Population
Allina Medical Clinic - Woodlake	9.0%	8.6%	379	Total Population
Allina Medical Clinic - Nicollet Mall	8.9%	8.9%	247	Total Population
Allina Medical Clinic - North Branch	8.8%	9.2%	68	Total Population
Allina Medical Clinic - Hastings (Nininger)	8.7%	8.8%	277	Total Population
HealthPartners - Regions BH Maplewood	8.6%	8.1%	279	Total Population
Fairview Lakeville Clinic	8.5%	8.0%	235	Total Population
HealthEast Maplewood Clinic	8.5%	8.3%	94	Total Population
HealthEast Hugo Clinic	8.5%	9.9%	47	Total Population
HealthEast Midway Clinic	8.5%	8.4%	106	Total Population
Allina Medical Clinic - Northfield	8.5%	8.6%	734	Total Population
Mankato Clinic - Wickersham Campus	8.3%	8.6%	266	Total Population
Allina Medical Clinic - Cottage Grove	8.2%	8.3%	631	Total Population
Park Nicollet Clinic - Maple Grove	8.2%	7.8%	147	Total Population
Family Life Center	8.0%	8.4%	324	Total Population
Mankato Clinic - Mapleton	8.0%	5.9%	50	Total Population
Boynton Health Service	8.0%	7.9%	601	Total Population
Minnesota Mental Health Clinics - Eagan Clinic	8.0%	8.3%	1342	Total Population
Park Nicollet Clinic - Chanhassen	8.0%	8.5%	113	Total Population
Aspen Medical Group - Maplewood	7.9%	8.0%	441	Total Population
Park Nicollet Clinic - St. Louis Park Psychiatry	7.9%	7.7%	1770	Total Population
Catalyst Medical Clinic	7.8%	8.2%	64	Total Population
HealthPartners - West Behav Hlth	7.8%	8.0%	256	Total Population
HealthEast Oakdale	7.7%	7.7%	207	Total Population
Park Nicollet Clinic - Wayzata	7.6%	7.5%	118	Total Population
Ridgeview Chanhassen Clinic	7.6%	7.7%	118	Total Population
Park Nicollet Clinic - Prior Lake	7.6%	7.8%	118	Total Population
Fairview Farmington Clinic	7.6%	7.7%	118	Total Population
Aspen Medical Group - Bloomington	7.6%	7.5%	410	Total Population
HealthPartners - Regions BH St Paul	7.5%	7.5%	67	Total Population
HealthPartners - Bloomington	7.5%	7.3%	322	Total Population
Mankato Clinic - Main Street	7.4%	7.2%	297	Total Population
Aspen Medical Group - East Lake Street	7.4%	7.7%	217	Total Population
Essentia Health - West Duluth Clinic	7.4%	7.4%	272	Total Population
Essentia Health - Duluth Clinic 1st St	7.3%	7.1%	509	Total Population

○ Behavioral Health

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Northwest Family Physicians - Crystal	7.2%	7.3%	375	Total Population
Essentia Health - Lakeside Clinic	7.2%	7.1%	251	Total Population
HealthPartners - Regions BH Woodbury	7.1%	7.1%	309	Total Population
Fairview Rogers Clinic	7.1%	7.1%	169	Total Population
Fairview RidgeValley Clinic	7.1%	6.7%	282	Total Population
Essentia Health - Duluth Clinic	7.1%	6.7%	282	Total Population
Affiliated Community Medical Centers - Willmar Clinic	7.0%	7.1%	398	Total Population
HealthPartners - Lino Lakes	7.0%	7.1%	228	Total Population
HealthPartners - Inver Grove Behav Hlth	7.0%	6.4%	215	Total Population
Fairview Lino Lakes Clinic	6.9%	6.3%	232	Total Population
Park Nicollet Clinic - Carlson	6.8%	6.8%	192	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	6.8%	6.9%	163	Total Population
CentraCare River Campus-Internal Medicine	6.7%	7.3%	164	Total Population
Essentia Health - Lakewalk Clinic	6.7%	6.6%	150	Total Population
Fairview Uptown Clinic	6.7%	6.3%	406	Total Population
Allina Medical Clinic - The Doctors Uptown	6.6%	6.7%	305	Total Population
HealthPartners - Como	6.5%	6.4%	416	Total Population
HealthPartners - Arden Hills	6.5%	6.5%	232	Total Population
Essentia Health - Chisholm Clinic	6.5%	6.9%	31	Total Population
Allina Medical Clinic - Maple Grove	6.5%	6.2%	248	Total Population
HealthPartners - Inver Grove Heights	6.4%	6.5%	140	Total Population
Park Nicollet Clinic - Burnsville	6.4%	6.5%	280	Total Population
Mayo Clinic Health System Le Sueur	6.4%	6.0%	109	Total Population
Healing Spirit Clinic	6.3%	5.3%	32	Total Population
Fairview Andover Clinic	6.3%	6.2%	608	Total Population
Lakeland Mental Health Center - Glenwood	6.3%	5.8%	32	Total Population
FirstLight Health System - Pine City	6.3%	6.5%	112	Total Population
Rainy Lake Medical Center	6.2%	6.0%	305	Total Population
Fairview Northeast Clinic	6.2%	6.1%	354	Total Population
HealthEast Cottage Grove Clinic	6.1%	6.1%	148	Total Population
Park Nicollet Clinic - Shorewood	6.1%	6.6%	99	Total Population
Oak Ridge Center	6.1%	6.1%	99	Total Population
Northwest Family Physicians - Plymouth	6.1%	5.4%	215	Total Population
HealthPartners - Riverside Behav Hlth	6.0%	5.7%	166	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	6.0%	6.1%	133	Total Population
Essentia Health - Proctor Clinic	6.0%	5.9%	117	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	6.0%	5.8%	185	Total Population
Fairview Zimmerman Clinic	5.9%	7.0%	186	Total Population
HealthEast Vadnais Heights Clinic	5.9%	5.6%	119	Total Population
Olmsted Medical Center - Chatfield Clinic	5.9%	5.8%	51	Total Population
Burnsville Family Physicians	5.8%	5.4%	86	Total Population
Carver County Mental Health Program, First Street Center	5.8%	6.0%	104	Total Population
Fairview Chisago Lakes Clinic	5.8%	5.9%	243	Total Population
Mayo Clinic - Generosse Building	5.8%	5.7%	521	Total Population
Fairview Milaca Clinic	5.8%	5.9%	226	Total Population
Olmsted Medical Center - Rochester Northwest	5.7%	5.2%	70	Total Population
Allina Health System - ANW General Medicine Associates - Edina	5.7%	6.0%	70	Total Population
Fairview Bass Lake Clinic	5.7%	5.4%	159	Total Population
Goodhue County Mental Health Center	5.6%	5.4%	36	Total Population
Essentia Health - Ely Clinic	5.5%	5.4%	145	Total Population
Park Nicollet Clinic - Shakopee	5.5%	5.8%	345	Total Population
Fairview Brooklyn Park Clinic	5.4%	5.5%	498	Total Population
Park Nicollet Clinic - Plymouth	5.4%	5.6%	148	Total Population
CentraCare Health Plaza-Family Medicine	7.4%	5.1%	148	Total Population
Sanford Bemidji 1611 Anne St Clinic	7.3%	7.1%	149	Total Population

○ Behavioral Health

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
○ Allina Health System - Allina Mental Health Mpls Abbott	5.4%	4.2%	168	Total Population
Park Nicollet Clinic - Creekside	5.3%	5.5%	75	Total Population
Mayo Clinic Health System Faribault Hwy 60	5.3%	5.0%	94	Total Population
Fairview CedarRidge Clinic	5.2%	5.3%	534	Total Population
HealthPartners - White Bear Lake	5.2%	5.3%	229	Total Population
Fairview Maple Grove Medical Center	5.2%	5.0%	230	Total Population
○ Allina Health System - Allina Mental Health Northtown Clinic	5.2%	5.1%	498	Total Population
Gateway Family Health Clinic - Sandstone	5.2%	5.1%	97	Total Population
Allina Medical Clinic - Isles	5.1%	4.7%	215	Total Population
Fairview Blaine Clinic	5.1%	4.9%	235	Total Population
Fairview Ridges Clinic	5.1%	4.8%	314	Total Population
Fairview Fridley Clinic	5.1%	5.1%	549	Total Population
Stillwater Medical Group - Curve Crest Clinic	5.1%	5.1%	1201	Total Population
Allina Health System - New Ulm Medical Center	5.1%	5.1%	277	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health	5.0%	5.1%	40	Total Population
○ Human Development Center-Carlton County-IHN	5.0%	6.1%	80	Total Population
○ Associated Clinic of Psychology-Apple Valley	5.0%	5.1%	161	Total Population
France Avenue Family Physicians	5.0%	4.2%	182	Total Population
Affiliated Community Medical Centers - Marshall Clinic	4.9%	5.2%	223	Total Population
○ BHSI- Eagan	4.9%	4.8%	41	Total Population
Park Nicollet Clinic - Brookdale	4.8%	4.9%	355	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	4.8%	4.7%	42	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Ctr Cl.	4.6%	3.9%	65	Total Population
Fairview Rosemount Clinic	4.6%	3.9%	174	Total Population
Fairview Eagan Clinic	4.6%	4.3%	460	Total Population
Fairview Rush City Clinic	4.6%	4.6%	154	Total Population
Allina Medical Clinic - United Medical Specialties	4.5%	4.3%	111	Total Population
HealthPartners Central Minnesota Clinics	4.5%	4.6%	780	Total Population
CentraCare - St. Joseph	4.5%	4.2%	67	Total Population
○ Olmsted Medical Center - Rochester Southeast - Psychiatry	4.5%	4.3%	446	Total Population
Fairview Crosstown Clinic	4.4%	4.3%	338	Total Population
Fairview Riverside	4.4%	4.6%	181	Total Population
Mayo Clinic Health System Mankato Eastridge	4.4%	4.3%	408	Total Population
Fairview EdenCenter Clinic	4.4%	4.4%	478	Total Population
Ridgeview Winsted Clinic	4.4%	4.1%	69	Total Population
Sanford Bemidji Main Clinic	4.3%	3.9%	47	Total Population
North Memorial Clinic - Minnetonka Physicians	4.2%	4.1%	71	Total Population
Fairview Princeton Clinic	4.2%	4.1%	478	Total Population
HealthPartners - Maplewood	4.1%	4.5%	218	Total Population
Mayo Clinic Health System Lake Crystal	4.1%	4.3%	73	Total Population
○ Human Development Center-Duluth-IHN	4.1%	4.1%	196	Total Population
AALFA Family Clinic	4.1%	3.8%	123	Total Population
Fairview Jonathan Clinic	4.1%	5.7%	74	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	4.0%	4.1%	374	Total Population
HealthPartners - Woodbury	4.0%	4.1%	400	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	4.0%	3.1%	175	Total Population
Fairview Lakes Medical Center	4.0%	4.0%	704	Total Population
Fairview Elk River Clinic	3.9%	3.9%	331	Total Population
Fairview Hiawatha Clinic	3.9%	3.6%	435	Total Population
HealthEast Roselawn Clinic	3.9%	4.7%	77	Total Population
Sanford South Moorhead Clinic	3.9%	3.6%	154	Total Population
Mankato Clinic - Daniel's Health Center	3.9%	4.0%	104	Total Population
Olmsted Medical Center - Pine Island Clinic	3.9%	3.8%	78	Total Population
Fairview Columbia Heights Clinic	3.8%	3.8%	503	Total Population
Essentia Health - Moorhead	3.8%	3.6%	80	Total Population

○ Behavioral Health



## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Multicare Associates - Blaine Medical Center	3.7%	4.0%	135	Total Population
St. Cloud Medical Group - Clearwater - IHN	3.7%	3.6%	82	Total Population
North Memorial Clinic - Elk River Physicians	3.6%	3.6%	111	Total Population
Multicare Associates - Fridley Medical Center	3.5%	3.5%	57	Total Population
Johnson Memorial Health Services - Dawson Clinic	3.5%	3.6%	57	Total Population
FirstLight Health System - Hinckley	3.5%	3.2%	86	Total Population
○ St. Cloud Hospital - Behavioral Health Clinic	3.5%	3.5%	922	Total Population
FirstLight Health System - Mora	3.5%	3.2%	259	Total Population
Essentia Health Fosston	3.5%	4.3%	58	Total Population
○ Avera Marshall Psychiatry Associates	3.5%	3.9%	58	Total Population
○ Western Mental Health Center, Inc.	3.5%	3.7%	58	Total Population
Fairview Highland Park Clinic	3.4%	3.3%	350	Total Population
Fairview North Branch Clinic	3.4%	3.4%	321	Total Population
HealthPartners - Hlth Ctr for Women	3.4%	3.4%	175	Total Population
○ Hutchinson Area Health Care - Behavioral Health Services	3.4%	3.7%	353	Total Population
Olmsted Medical Center - Rochester Southeast	3.4%	3.4%	656	Total Population
CentraCare - Heartland	3.3%	3.5%	120	Total Population
○ Associates in Psychiatry & Psychology-Rochester	3.3%	3.5%	30	Total Population
St. Cloud Medical Group - South - IHN	3.3%	3.2%	426	Total Population
Park Nicollet Clinic - Golden Valley	3.2%	2.8%	93	Total Population
Parkview Medical Clinic	3.2%	4.1%	31	Total Population
○ Mental Health Outreach Clinic	3.2%	3.3%	31	Total Population
HealthPartners - Cottage Grove	3.2%	3.7%	63	Total Population
Mayo Clinic Health System Fairmont	3.1%	3.0%	193	Total Population
HealthPartners - Andover	3.1%	3.2%	130	Total Population
Fairview Oxboro Clinic	3.1%	2.9%	392	Total Population
HealthPartners - St Paul	3.0%	3.1%	362	Total Population
HealthEast Eagan Clinic	3.0%	3.4%	33	Total Population
HealthPartners - Coon Rapids	3.0%	3.0%	269	Total Population
Sanford Luverne Clinic	2.9%	4.3%	34	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	2.9%	3.3%	137	Total Population
Mayo Clinic Health System St. James	2.9%	2.8%	103	Total Population
Mayo Clinic Health System Waseca	2.8%	2.7%	143	Total Population
North Memorial Clinic - Brooklyn Center Physicians	2.8%	2.8%	36	Total Population
Avera Medical Group - Worthington	2.8%	3.2%	36	Total Population
HealthPartners - Eagan	2.8%	2.4%	36	Total Population
HealthPartners - West	2.8%	3.0%	218	Total Population
Fairview Pine City Clinic	2.8%	3.1%	109	Total Population
Allina Medical Clinic - Fridley	2.7%	3.0%	37	Total Population
South Central Human Relations Center	2.7%	2.6%	150	Total Population
Ridgeview Westonka Clinic	2.7%	2.7%	151	Total Population
North Memorial Clinic - Golden Valley Physicians	2.7%	2.2%	151	Total Population
Fairview Riverside Primary Care Clinic	2.7%	3.5%	226	Total Population
NorthPoint Health & Wellness Center	2.6%	3.1%	643	Total Population
○ Lakeland Mental Health Center - Detroit Lakes	2.6%	3.0%	39	Total Population
Range Regional Hlth Services dba Fairview Mesaba Cl. - Mt Iron	2.5%	2.5%	119	Total Population
○ Essentia Health - Lakeland Psychiatry Clinic	2.5%	2.8%	40	Total Population
HealthEast Grand Avenue Clinic	2.5%	2.5%	161	Total Population
HealthEast Rice Street Clinic	2.5%	2.8%	121	Total Population
Raiter Clinic-Integrity Health	2.4%	2.7%	164	Total Population
○ Associated Clinic of Psychology-West St. Paul	2.4%	3.0%	290	Total Population
Range Regional Hlth Services dba Fairview Mesaba Cl. - Hibbing	2.4%	2.4%	125	Total Population
Grand Itasca Clinic	2.4%	2.5%	460	Total Population
Sanford Detroit Lakes Clinic	2.4%	2.8%	42	Total Population
Hutchinson Medical Center	2.4%	2.2%	170	Total Population

○ Behavioral Health

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Ridgeview Howard Lake Clinic	2.3%	2.2%	43	Total Population
Mayo Clinic Health System Albert Lea	2.3%	2.4%	258	Total Population
Buffalo Clinic-Integrity Health	2.3%	3.2%	43	Total Population
Sanford Thief River Falls Clinic	2.3%	2.6%	44	Total Population
○ Caritas Mental Health Clinic	2.2%	2.4%	137	Total Population
○ Ramsey County Mental Health Center	2.2%	2.3%	321	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Cl.	2.2%	1.9%	323	Total Population
Edina Family Physicians, P.A.	2.1%	2.4%	235	Total Population
Family Practice Medical Center of Willmar	2.1%	2.2%	190	Total Population
Mayo Clinic Health System Mankato Northridge	2.1%	2.1%	287	Total Population
Cuyuna Regional Medical Center-Clinic Services	2.1%	3.5%	48	Total Population
Mayo Clinic Health System Owatonna	2.0%	2.0%	695	Total Population
○ Associated Clinic of Psychology-Minneapolis	2.0%	2.0%	547	Total Population
United Hospital District Clinic	2.0%	1.9%	100	Total Population
Fairview Hugo Clinic	2.0%	2.3%	151	Total Population
Gateway Family Health Clinic - Moose Lake	2.0%	1.9%	101	Total Population
North Clinic - Oakdale Office in Robbinsdale	2.0%	2.1%	203	Total Population
Mayo Clinic Health System St. Peter	2.0%	2.0%	152	Total Population
○ Natalis Counseling - Main Location	1.9%	2.4%	105	Total Population
CentraCare - Becker	1.9%	2.3%	53	Total Population
Lakewood Health System - Staples Clinic	1.8%	2.1%	109	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Cl.	1.8%	2.2%	222	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Cl.	1.8%	1.4%	113	Total Population
Olmsted Medical Center - Plainview Clinic	1.8%	1.8%	57	Total Population
St. Cloud Medical Group - NW- IHN	1.7%	1.7%	460	Total Population
HealthPartners - Riverside	1.7%	1.7%	173	Total Population
Mayo Clinic Health System Austin	1.7%	1.8%	231	Total Population
Richfield Medical Group	1.7%	1.5%	59	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	1.7%	1.9%	121	Total Population
Big Lake Clinic	1.6%	1.7%	122	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	1.6%	1.2%	63	Total Population
University of Minnesota Physicians - Primary Care Center	1.6%	1.8%	128	Total Population
HealthPartners - Specialty Center 401	1.5%	1.3%	130	Total Population
CentraCare Health Plaza-Internal Medicine	1.5%	1.4%	66	Total Population
Renville County Hospital and Clinics - Olivia	1.5%	2.2%	66	Total Population
Valley Family Practice	1.5%	2.5%	66	Total Population
Olmsted Medical Center - Stewartville Clinic	1.5%	1.9%	67	Total Population
HealthPartners - Elk River	1.5%	1.7%	135	Total Population
Olmsted Medical Center - Byron Clinic	1.5%	1.5%	68	Total Population
HealthPartners - Apple Valley	1.4%	1.3%	210	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Cl.	1.4%	1.6%	71	Total Population
Stark Mental Health Clinic	1.4%	1.9%	143	Total Population
CentraCare Health System Melrose	1.4%	1.4%	72	Total Population
Neighborhood Healthsource-Central Clinic	1.3%	1.7%	76	Total Population
University of Minnesota Physicians - Smiley's Clinic	1.3%	1.9%	154	Total Population
Glencoe Regional Health Services - Glencoe	1.3%	0.9%	77	Total Population
Mayo Clinic - Speciality Practice	1.3%	1.3%	628	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	1.2%	1.2%	83	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	1.2%	1.3%	87	Total Population
Apple Valley Medical Clinic - Family Practice	1.1%	1.2%	90	Total Population
Stevens Community Medical Center	1.1%	1.2%	91	Total Population
Essentia Health St. Joseph's Baxter Clinic	1.1%	1.1%	94	Total Population
Hennepin Cty Med. Ctr (HCMC) Clinics - Downtown Medicine Cl.	1.0%	1.5%	97	Total Population
Mayo Clinic Health System Red Wing	1.0%	1.2%	97	Total Population
HealthPartners - Brooklyn Center	1.0%	1.1%	297	Total Population

○ Behavioral Health

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Anoka	0.8%	0.9%	247	Total Population
Duluth Family Medicine Clinic	0.8%	0.9%	126	Total Population
Mayo Clinic Health System Cannon Falls	0.7%	0.8%	135	Total Population
University of Minnesota Physicians - Bethesda Clinic	0.7%	0.4%	147	Total Population
St Luke's Outpatient Mental Health	0.6%	0.6%	156	Total Population
United Family Medicine	0.4%	0.5%	254	Total Population
Sanford Cass Lake Clinic	0.0%	0.6%	30	Total Population
Ridgeview Delano Clinic	0.0%	0.0%	61	Total Population
Winona Health - Winona Clinic	0.0%	0.0%	87	Total Population
Essentia Health - Park Rapids	0.0%	0.0%	55	Total Population
Family Medical Center	0.0%	0.6%	32	Total Population
North Clinic - Maple Grove Office	0.0%	0.0%	93	Total Population
North Clinic - Osseo Office	0.0%	0.0%	148	Total Population
North Clinic - WestHealth Office in Plymouth	0.0%	0.0%	90	Total Population
Ridgeview Excelsior Clinic	0.0%	0.3%	40	Total Population
University of Minnesota Physicians - Broadway Family Medicine	0.0%	0.0%	134	Total Population
HealthPartners - Midway	0.0%	0.0%	59	Total Population
University of Minnesota Physicians - Phalen Clinic	0.0%	0.0%	202	Total Population
○ Affiliated Community Medical Centers - Granite Falls Clinic	0.0%	0.0%	78	Total Population
CentraCare Health System Long Prairie	0.0%	0.0%	51	Total Population
North Memorial Clinic - Brooklyn Park Physicians	0.0%	0.0%	42	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - IM Cl. Parkside	0.0%	0.0%	64	Total Population
Neighborhood Healthsource - Fremont Clinic	0.0%	0.0%	71	Total Population
Neighborhood Healthsource - Sheridan	0.0%	0.1%	37	Total Population
Renville County Hospital and Clinics - Renville	0.0%	0.1%	31	Total Population
Olmsted Medical Center - Spring Valley Clinic	0.0%	0.2%	30	Total Population
Mayo Clinic Health System Springfield	0.0%	0.0%	44	Total Population
Mayo Clinic Health System Lake City	0.0%	0.0%	54	Total Population
Scenic Rivers Health Services - Cook	0.0%	0.0%	42	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	0.0%	0.0%	42	Total Population
○ Brainerd Northern Pines Mental Health	0.0%	0.0%	77	Total Population
University of Minnesota Physicians - Mill City Clinic	0.0%	0.2%	43	Total Population
Sanford Tracy Clinic	0.0%	0.0%	52	Total Population
Gateway Family Health Clinic - Hinckley	0.0%	1.7%	30	Total Population
FamilyHealth Medical Clinic - Northfield	0.0%	0.1%	33	Total Population
○ Hamm Clinic	0.0%	0.0%	92	Total Population
Lake Superior Community Health Center - Duluth	0.0%	0.0%	102	Total Population
North Memorial Clinic - Camden Physicians, Mpls	0.0%	0.0%	38	Total Population
Sanford Bagley Clinic	0.0%	0.0%	86	Total Population
Open Door Health Center	0.0%	0.0%	43	Total Population
○ Lakeland Mental Health Center - Fergus Falls	0.0%	0.0%	94	Total Population
○ Lakeland Mental Health Center - Alexandria	0.0%	0.0%	73	Total Population
○ Lakeland Mental Health Center - Moorhead	0.0%	0.0%	78	Total Population
Native American Community Clinic	0.0%	0.0%	230	Total Population
○ University of Minnesota Physicians - Psychiatry Clinic	0.0%	0.8%	30	Total Population
North Memorial - Silver Lake Clinic St. Anthony	0.0%	0.0%	65	Total Population
○ Associated Clinic of Psychology-Brooklyn Center	0.0%	0.0%	90	Total Population
New Hope Crystal Medical Clinic	0.0%	0.0%	49	Total Population
Synergy Family Physicians, P.A.	0.0%	0.0%	43	Total Population
Fairview St. Francis Clinic	0.0%	1.0%	32	Total Population
Mayo Clinic Health System New Prague	0.0%	0.8%	40	Total Population
Buffalo Clinic-Monticello: IHN	0.0%	0.0%	41	Total Population
Burnsville	1.0%	1.1%	32	Total Population

○ Behavioral Health

## Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Mayo Clinic - Northeast	89.0%	86.8%	164	Total Population
Mayo Clinic - Northwest	88.0%	88.6%	75	Total Population
# Southdale Pediatric Associates, Ltd - Burnsville	86.7%	77.0%	60	Sample
# Southdale Pediatric Associates, Ltd - Edina	86.7%	73.4%	60	Sample
Drs. Rogers and Nygren	86.4%	69.5%	59	Total Population
■ Allergy & Asthma Specialty Clinic	86.3%	86.7%	80	Sample
■ Advancements in Allergy and Asthma Care, Ltd.	86.1%	78.4%	418	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	83.3%	79.3%	54	Total Population
Mayo Clinic Health System Faribault Hwy 60	82.3%	81.2%	79	Total Population
Allina Health - Ramsey	81.7%	82.1%	60	Sample
Mayo Clinic - Kasson	80.6%	79.7%	36	Total Population
# Mayo Clinic - Baldwin Building, Pediatrics	77.1%	76.0%	319	Total Population
HealthPartners - Lino Lakes	76.9%	73.0%	52	Total Population
■ Southdale Allergy and Asthma Clinic LLC	76.7%	72.5%	43	Total Population
Allina Health - Champlin	76.7%	76.1%	60	Sample
■ St Paul Allergy & Asthma Clinic, P.A. Highland	75.9%	67.3%	54	Total Population
■ Allergy & Asthma Specialists, PA - Maple Grove - N. Memorial	73.9%	76.2%	65	Total Population
Fairview Rogers Clinic	73.5%	72.5%	49	Total Population
CentraCare Health Plaza-Family Medicine	73.3%	73.7%	30	Total Population
HealthPartners Central Minnesota Clinics	72.6%	71.9%	157	Total Population
# Pediatric Services	72.4%	68.6%	192	Total Population
Allina Health - Coon Rapids	71.7%	71.8%	60	Sample
Allina Health - Maple Grove	71.7%	71.5%	60	Sample
# Southdale Pediatric Associates, Ltd - Eden Prairie	71.7%	62.4%	60	Sample
# Partners in Pediatrics Plymouth	71.7%	66.1%	60	Sample
■ Allergy & Asthma Specialists, PA - Mpls Medical Arts Bldg	71.3%	73.0%	94	Total Population
HealthPartners - Roseville	71.2%	66.1%	66	Total Population
Fairview Lino Lakes Clinic	71.1%	68.9%	239	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	71.0%	71.2%	200	Total Population
Fairview Lakes Medical Center	70.8%	70.3%	267	Total Population
Fairview Rosemount Clinic	70.4%	65.0%	98	Total Population
Fairview Elk River Clinic	70.3%	70.0%	239	Total Population
Essentia Health - Aurora Clinic	70.0%	68.9%	30	Total Population
Allina Health - Cambridge	70.0%	71.7%	60	Sample
Aspen Medical Group - Highland	69.6%	69.8%	56	Total Population
# Central Pediatrics Woodbury	69.2%	64.6%	65	Sample
Fairview Lakeville Clinic	68.8%	63.2%	64	Total Population
Allina Health - St. Michael	68.5%	69.1%	54	Total Population
Allina Health - Elk River	68.3%	66.6%	60	Sample
Fairview Ridges Clinic	68.0%	68.3%	275	Total Population
# All About Children Pediatrics, P.A.	68.0%	62.4%	75	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	67.7%	62.5%	31	Total Population
Allina Health - West St. Paul	66.7%	72.1%	60	Sample
Allina Health - Eagan	66.7%	67.4%	60	Sample
Mankato Clinic - Wickersham Campus	66.0%	65.1%	47	Total Population
# Children's Respiratory & Critical Care Specialists - St Paul	65.9%	63.5%	969	Total Population
Fairview Farmington Clinic	65.9%	63.9%	41	Total Population
Essentia Health - Virginia Clinic	65.7%	64.7%	67	Total Population
Fairview Eagan Clinic	65.6%	62.9%	119	Total Population
Fairview Andover Clinic	65.2%	60.1%	270	Total Population
Fairview Uptown Clinic	64.7%	67.2%	51	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
■ St Luke's Clinics-Allergy & Immunology	64.5%	64.7%	76	Total Population
# CentraCare Health Plaza-Women & Children Pediatrics	64.3%	64.7%	639	Total Population
HealthPartners - Anoka	63.9%	63.4%	288	Total Population
HealthPartners - Specialty Center 401	63.9%	62.7%	166	Total Population
# Fairview Children's Clinic	63.7%	64.4%	416	Total Population
# Partners in Pediatrics Brooklyn Park	63.3%	62.2%	60	Sample
Fairview RidgeValley Clinic	63.2%	61.8%	87	Total Population
Fairview Oxboro Clinic	63.0%	64.1%	230	Total Population
Fairview North Branch Clinic	62.9%	62.4%	116	Total Population
# Children's Respiratory & Critical Care Specialists - Minneapolis	62.8%	62.4%	709	Total Population
# Children's Respiratory & Critical Care Specialists - Minnetonka	62.8%	58.3%	623	Total Population
Essentia Health - Duluth Clinic 1st St	62.6%	63.5%	417	Total Population
Fairview Milaca Clinic	62.1%	62.3%	66	Total Population
Fairview Maple Grove Medical Center	62.1%	61.2%	66	Total Population
HealthPartners - West	61.7%	61.6%	81	Total Population
# Wayzata Children's Clinic - Chaska	61.7%	58.3%	60	Sample
Allina Health - Shakopee	61.3%	66.6%	31	Total Population
HealthPartners - Elk River	60.9%	58.4%	192	Total Population
Fairview Zimmerman Clinic	60.9%	60.8%	46	Total Population
Allina Health - Shoreview	60.5%	60.1%	43	Total Population
Fairview Chisago Lakes Clinic	60.2%	55.9%	93	Total Population
Fairview Princeton Clinic	60.2%	61.2%	98	Total Population
Fairview Rush City Clinic	60.0%	61.8%	60	Total Population
Allina Health - Farmington	60.0%	57.1%	60	Sample
HealthEast Maplewood Clinic	59.8%	58.2%	321	Total Population
Fairview Northeast Clinic	59.4%	60.6%	69	Total Population
Park Nicollet Clinic - Eagan	59.3%	58.2%	216	Total Population
Park Nicollet Clinic - Rogers	58.9%	53.7%	56	Total Population
Essentia Health - West Duluth Clinic	58.8%	58.6%	51	Total Population
Fairview Fridley Clinic	58.6%	59.5%	128	Total Population
Aspen Medical Group - Inver Grove Heights	58.3%	62.7%	60	Sample
Allina Health - First Street	58.3%	58.8%	60	Sample
Stillwater Medical Group - Curve Crest Clinic	58.3%	56.5%	60	Sample
HealthPartners - Andover	57.7%	57.8%	78	Total Population
Mayo Clinic - Specialty Practice	57.5%	54.5%	287	Total Population
Allina Health - Cottage Grove	56.7%	55.2%	60	Sample
# Partners in Pediatrics Maple Grove	56.7%	51.9%	60	Sample
# Partners in Pediatrics Rogers	56.7%	49.0%	60	Sample
Park Nicollet Clinic - Carlson	56.5%	54.2%	191	Total Population
Fairview Blaine Clinic	56.4%	57.2%	101	Total Population
Fairview Brooklyn Park Clinic	56.4%	56.7%	181	Total Population
Park Nicollet Clinic - Champlin	56.1%	50.9%	41	Total Population
HealthPartners - Coon Rapids	56.1%	57.1%	132	Total Population
HealthPartners - Arden Hills	56.1%	55.6%	66	Total Population
Fairview Columbia Heights Clinic	56.0%	58.2%	134	Total Population
Park Nicollet Clinic - Bloomington	55.6%	55.1%	144	Total Population
Fairview Hugo Clinic	54.6%	53.3%	77	Total Population
Park Nicollet Clinic - Lakeville	54.6%	56.3%	55	Total Population
Quello Clinic - Lakeville	54.3%	55.6%	35	Total Population
Allina Health - Richfield	54.2%	53.6%	48	Total Population
Allina Health - Faribault	53.3%	54.5%	60	Sample

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Brooklyn Center	53.1%	54.1%	303	Total Population
# Fridley Children's & Teenagers' Medical Center	52.3%	52.4%	107	Total Population
HealthEast Woodbury Clinic	52.2%	50.1%	322	Total Population
Mankato Clinic - Main Street	51.9%	51.6%	312	Total Population
# Hennepin Cty Med. Ctr (HCMC) Clinics - Downtown Pediatric Cl.	51.7%	58.3%	646	Total Population
Allina Health - Buffalo	51.7%	52.6%	60	Sample
# Wayzata Children's Clinic - Spring Park	51.7%	53.7%	60	Sample
Hennepin County Medical Center (HCMC) Clinics - Richfield Cl.	51.5%	57.2%	99	Total Population
# Children's Speciality Clinic - St. Paul	51.5%	58.6%	173	Total Population
Allina Health - Dean Lakes	51.4%	48.6%	35	Total Population
Park Nicollet Clinic - Minneapolis	51.3%	52.0%	226	Total Population
Mayo Clinic Health System Austin	51.3%	51.3%	117	Total Population
# South Lake Pediatrics - Chaska	51.1%	48.1%	45	Total Population
Mayo Clinic Health System Owatonna	50.4%	50.6%	115	Total Population
Essentia Health - Deer River Clinic	50.0%	51.1%	44	Total Population
Aspen Medical Group - Bloomington	50.0%	47.6%	60	Sample
Aspen Medical Group - East Lake Street	50.0%	50.0%	60	Sample
HealthPartners - Como	50.0%	49.2%	302	Total Population
Allina Health - Northfield	50.0%	48.1%	60	Sample
# South Lake Pediatrics - Minnetonka	50.0%	42.4%	60	Sample
# South Lake Pediatrics - Eden Prairie	50.0%	47.0%	60	Sample
Aspen Medical Group - Bandana Square	48.3%	47.7%	60	Sample
■ Allergy, Asthma & Pulmonary Associates, PA	48.3%	47.8%	263	Total Population
HealthEast Rice Street Clinic	48.3%	49.1%	58	Total Population
Fairview Bass Lake Clinic	47.6%	47.1%	42	Total Population
HealthPartners - Riverside	47.4%	50.6%	230	Total Population
# Mendakota Pediatrics	46.9%	48.5%	64	Total Population
Essentia Health St. Joseph's Baxter Clinic	46.9%	42.6%	96	Total Population
St. Cloud Medical Group - NW- IHN	46.8%	47.7%	79	Sample
# Metropolitan Pediatric Specialists - Edina	46.8%	37.8%	139	Total Population
HealthEast Grand Avenue Clinic	46.7%	44.7%	30	Total Population
Allina Health - Nininger Road	46.7%	46.9%	60	Sample
# Wayzata Children's Clinic - Minnetonka	46.7%	43.8%	60	Sample
# Children's General Pediatric Clinic - St. Paul	46.0%	49.1%	439	Total Population
# Metropolitan Pediatric Specialists - Shakopee	45.6%	36.8%	149	Total Population
HealthEast Eagan Clinic	45.2%	43.5%	42	Total Population
FirstLight Health System - Mora	45.2%	46.8%	42	Total Population
Northwest Family Physicians - Rogers	45.2%	44.6%	31	Total Population
Olmsted Medical Center - Rochester Northwest	45.2%	44.6%	62	Total Population
Allina Health - Forest Lake	45.0%	46.5%	60	Sample
Quello Clinic - Burnsville	45.0%	41.8%	40	Total Population
# South Lake Pediatrics - Maple Grove	45.0%	42.7%	60	Sample
■ Midwest Allergy & Asthma - Eagan	44.7%	41.6%	38	Total Population
# Children's Speciality Clinic - Minneapolis	44.6%	51.7%	130	Total Population
HealthEast Cottage Grove Clinic	44.2%	42.6%	43	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	44.1%	45.6%	34	Total Population
■ Park Nicollet Clinic - St. Louis Park Asthma and Allergy	43.9%	41.1%	173	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Cl.	43.5%	42.6%	147	Total Population
Sanford Luverne Clinic	43.3%	42.5%	30	Total Population
# Partners in Pediatrics Calhoun	43.3%	44.0%	60	Sample
Park Nicollet Clinic - Burnsville	42.9%	41.6%	219	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Essentia Health - Hermantown Clinic	42.9%	43.1%	35	Total Population
# Central Pediatrics St. Paul	42.6%	43.5%	61	Sample
Fairview CedarRidge Clinic	42.6%	42.7%	108	Total Population
Mayo Clinic Health System Red Wing	42.6%	42.3%	54	Total Population
Essentia Health - Lakewalk Clinic	42.4%	47.2%	33	Total Population
HealthEast Oakdale	42.0%	42.1%	50	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	41.7%	44.8%	36	Total Population
University of MN Physicians - Pediatric Specialty Discovery Cl.	41.3%	41.0%	92	Total Population
# Park Nicollet Clinic - Maple Grove	41.3%	43.0%	172	Total Population
Fairview EdenCenter Clinic	41.2%	41.1%	34	Total Population
Affiliated Community Medical Centers - Willmar Clinic	41.0%	41.7%	222	Total Population
# Children's General Pediatric Clinic - Minneapolis	40.4%	39.5%	736	Total Population
Essentia Health - Hibbing Clinic	40.0%	42.2%	30	Total Population
Allina Health - Woodbury	40.0%	41.2%	60	Sample
# South Lake Pediatrics - Plymouth	40.0%	45.2%	60	Sample
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	39.9%	40.0%	439	Total Population
Community-University Health Care Center	39.7%	45.2%	73	Total Population
HealthPartners - Midway	38.8%	52.4%	206	Total Population
HealthPartners - Inver Grove Heights	38.7%	38.8%	93	Total Population
Park Nicollet Clinic - Plymouth	38.4%	40.4%	86	Total Population
Park Nicollet Clinic - Shakopee	38.2%	37.1%	207	Total Population
Fairview Hiawatha Clinic	38.0%	38.5%	50	Total Population
Multicare Associates - Fridley Medical Center	37.5%	36.3%	56	Total Population
Olmsted Medical Center - Rochester Southeast	36.9%	36.4%	195	Total Population
Park Nicollet Clinic - Brookdale	36.8%	37.3%	321	Total Population
Mayo Clinic Health System Mankato Eastridge	36.7%	38.2%	60	Total Population
HealthPartners - Maplewood	36.6%	34.8%	186	Total Population
Multicare Associates - Blaine Medical Center	36.5%	34.2%	63	Total Population
# Metropolitan Pediatric Specialists - Burnsville	36.5%	35.4%	159	Total Population
HealthPartners - Woodbury	34.6%	34.1%	312	Total Population
HealthEast Roselawn Clinic	34.2%	31.1%	41	Total Population
■ Midwest Allergy & Asthmas - Burnsville	34.2%	32.3%	41	Total Population
Essentia Health - Moorhead	34.0%	30.0%	47	Total Population
St. Cloud Medical Group - South - IHN	34.0%	33.1%	53	Total Population
Entira Family Clinics - Woodbury	33.3%	35.5%	36	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Cl.	33.3%	37.7%	123	Total Population
NorthPoint Health & Wellness Center	33.2%	35.0%	208	Total Population
HealthPartners - Bloomington	32.8%	32.1%	186	Total Population
# Children's Pediatric & Adolescent Care of MN (PACE) - W St. Paul	32.4%	32.2%	37	Total Population
HealthPartners - White Bear Lake	32.0%	31.7%	100	Total Population
Essentia Health - Park Rapids	31.8%	27.5%	44	Total Population
Glencoe Regional Health Services - Glencoe	30.9%	31.6%	110	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	30.1%	29.1%	213	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	29.2%	28.1%	48	Total Population
Hutchinson Medical Center	29.1%	28.3%	79	Total Population
Native American Community Clinic	28.3%	23.7%	60	Sample
Park Nicollet Clinic - St. Louis Park Family Medicine	28.2%	29.2%	39	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	27.5%	27.7%	40	Total Population
■ South Lake Pediatrics - Childrens West	26.7%	26.9%	60	Sample
Affiliated Community Medical Centers- Marshall Clinic	25.9%	25.9%	143	Total Population
Aspen Medical Group - Maplewood	25.0%	26.0%	60	Sample

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Children Ages 5-17 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
University of Minnesota Physicians - Smiley's Clinic	23.1%	27.6%	39	Total Population
Northwest Family Physicians - Crystal	23.1%	24.6%	52	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Cl.	22.9%	47.8%	35	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	22.6%	24.6%	31	Total Population
HealthPartners - Apple Valley	20.7%	21.1%	58	Total Population
Park Nicollet Clinic - Prior Lake	20.6%	19.6%	97	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	20.5%	21.8%	44	Total Population
HealthPartners - St Paul	20.4%	23.4%	191	Total Population
Park Nicollet Clinic - Creekside	19.4%	21.2%	31	Total Population
University of Minnesota Physicians - Bethesda Clinic	18.6%	27.3%	59	Total Population
# St Luke's Clinics-Pediatrics	17.6%	17.7%	74	Total Population
# Eagan Valley Pediatrics	17.3%	18.6%	52	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	17.1%	16.1%	35	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	16.7%	18.0%	42	Total Population
Southside Medical Clinic	16.7%	41.6%	30	Total Population
Park Nicollet Clinic - Chanhassen	16.6%	15.2%	175	Total Population
Affiliated Community Medical Centers - Benson Clinic	15.6%	17.1%	32	Total Population
Stevens Community Medical Center - Specialty Clinic	15.0%	16.0%	60	Sample
Sanford Worthington Clinic	13.7%	13.5%	51	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	12.9%	13.2%	31	Total Population
United Family Medicine	12.6%	12.4%	87	Total Population
Allina Health System - New Ulm Medical Center	11.7%	11.7%	60	Sample
Family Medical Center	10.0%	10.4%	50	Total Population
Sanford Thief River Falls Clinic	10.0%	12.5%	60	Total Population
University of Minnesota Physicians - Broadway Family Medicine	7.4%	26.4%	122	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	6.1%	7.2%	33	Total Population
Buffalo Clinic-Monticello: Integrity Health	5.6%	6.5%	125	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	5.1%	6.5%	39	Total Population
Wadena Medical Center	3.3%	5.9%	30	Total Population
Grand Itasca Clinic	2.7%	3.3%	185	Total Population
Buffalo Clinic-IHN	2.6%	2.9%	117	Total Population
West Side Community Health Services - La Clinica	2.5%	1.6%	79	Total Population
Neighborhood Healthsource - Fremont Clinic	2.1%	13.3%	47	Total Population
West Side Community Health Services - East Side Family Clinic	1.3%	27.9%	79	Total Population
Winona Health - Winona Clinic	0.0%	10.8%	55	Total Population
Family Practice Medical Center of Willmar	0.0%	0.5%	36	Total Population
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.4%	38	Total Population
North Clinic - Maple Grove Office	0.0%	0.5%	39	Total Population
North Clinic - Osseo Office	0.0%	7.7%	49	Total Population
North Clinic - WestHealth Office in Plymouth	0.0%	0.4%	38	Total Population
Sanford East Grand Forks Clinic	0.0%	3.4%	32	Total Population
Sanford Detroit Lakes Clinic	0.0%	0.5%	33	Total Population
Mayo Clinic Health System Albert Lea	0.0%	0.4%	146	Total Population
Raiter Clinic-IHN	0.0%	0.4%	39	Total Population
Mille Lacs Health System - Onamia	0.0%	2.8%	42	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	0.0%	35.6%	46	Total Population
Riverwood Aitkin Clinic	0.0%	0.5%	51	Total Population
Avera Medical Group - Worthington	0.0%	0.5%	97	Total Population
Sanford Bemidji 1611 Anne St Clinic	0.0%	0.5%	61	Total Population
Allergy, Asthma & Immunology - Shoreview	0.0%	0.5%	143	Total Population
Sanford Health Broadway Clinic - Alexandria	0.0%	0.5%	60	Total Population

■ Allergy/Immunology #Pediatric



## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
■ Allergy & Asthma Specialty Clinic	93.8%	82.6%	80	Sample
# Southdale Pediatric Associates, Ltd - Burnsville	83.3%	67.9%	60	Sample
CentraCare - Becker	82.7%	79.9%	52	Total Population
■ Advancements in Allergy and Asthma Care, Ltd.	81.7%	72.3%	569	Total Population
# Southdale Pediatric Associates, Ltd - Eden Prairie	80.4%	63.3%	51	Total Population
Fairview RidgeValley Clinic	79.3%	75.1%	323	Total Population
Fairview Savage Clinic	75.5%	73.4%	53	Total Population
CentraCare Health Plaza-Family Medicine	75.4%	76.2%	187	Total Population
Fairview Farmington Clinic	75.0%	68.4%	100	Total Population
# Southdale Pediatric Associates, Ltd - Edina	75.0%	63.0%	60	Sample
HealthPartners - Lino Lakes	71.8%	68.4%	149	Total Population
Allina Health - Shoreview	71.7%	69.4%	60	Sample
HealthPartners - Roseville	71.3%	70.3%	244	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	71.3%	70.1%	320	Total Population
Allina Health - Cottage Grove	70.0%	68.6%	60	Sample
Allina Health - Farmington	70.0%	70.4%	60	Sample
Allina Health - Ramsey	70.0%	67.5%	60	Sample
Fairview Eagan Clinic	69.9%	67.0%	482	Total Population
Olmsted Medical Center - Byron Clinic	68.6%	67.0%	35	Total Population
HealthPartners Central Minnesota Clinics	68.5%	70.8%	419	Total Population
Allina Health - Cambridge	68.3%	69.4%	60	Sample
Allina Health - Shakopee	68.3%	72.4%	60	Sample
Allina Health - Chaska	68.3%	65.4%	60	Sample
Allina Health - Blaine	68.3%	71.1%	60	Sample
Essentia Health - Aurora Clinic	68.1%	70.7%	47	Total Population
Fairview Lakeville Clinic	68.0%	64.9%	228	Total Population
Fairview Rogers Clinic	67.4%	66.0%	181	Total Population
Fairview Uptown Clinic	67.3%	64.4%	416	Total Population
■ St Luke's Clinics-Allergy & Immunology	67.1%	62.0%	82	Total Population
Aspen Medical Group - Inver Grove Heights	66.7%	63.3%	60	Sample
Allina Health - Buffalo	66.7%	66.5%	60	Sample
Allina Health - West St. Paul	66.7%	67.5%	60	Sample
Allina Health - Forest Lake	66.7%	65.9%	60	Sample
Allina Health - Northfield	66.7%	64.3%	60	Sample
■ Southdale Allergy and Asthma Clinic LLC	66.7%	61.3%	75	Sample
Fairview Elk River Clinic	66.4%	66.1%	241	Total Population
# Children's Respiratory & Critical Care Specialists - St Paul	65.3%	60.3%	141	Total Population
Allina Health - Plymouth	65.0%	63.2%	60	Sample
Quello Clinic - Savage	65.0%	62.5%	60	Sample
CentraCare - St. Joseph	64.9%	64.1%	37	Total Population
Fairview CedarRidge Clinic	63.9%	61.1%	465	Total Population
Fairview Rosemount Clinic	63.9%	61.4%	130	Total Population
Catalyst Medical Clinic	63.8%	62.2%	47	Total Population
Allina Health - Brooklyn Park	63.8%	65.5%	58	Total Population
■ St Paul Allergy & Asthma Clinic, P.A. Highland	63.8%	57.8%	207	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts Bldg	63.8%	58.5%	367	Total Population
Fairview Northeast Clinic	63.5%	63.0%	367	Total Population
Fairview Columbia Heights Clinic	63.2%	65.5%	269	Total Population
# Children's Respiratory & Critical Care Specialists - Minneapolis	62.3%	58.1%	69	Total Population
Mayo Clinic - Northeast	62.2%	59.0%	119	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
AALFA Family Clinic	61.8%	56.2%	68	Total Population
Fairview Zimmerman Clinic	61.7%	60.5%	141	Total Population
Quello Clinic - Burnsville	61.7%	61.4%	60	Sample
Northwest Family Physicians - Rogers	61.6%	59.6%	99	Total Population
Fairview North Branch Clinic	61.5%	61.5%	252	Total Population
HealthEast Hugo Clinic	61.4%	53.4%	44	Total Population
■ Allergy & Asthma Specialists, PA-Maple Grove-N. Memorial Med. Off. Bldng	61.0%	56.8%	77	Total Population
North Memorial Clinic - Northeast Family Physicians	61.0%	59.1%	59	Total Population
Allina Health - Cokato	60.9%	58.1%	46	Total Population
Fairview Jonathan Clinic	60.8%	54.3%	51	Total Population
Mankato Clinic - Wickersham Campus	60.5%	55.3%	147	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	60.4%	58.4%	111	Total Population
Allina Health - Champlin	60.0%	52.8%	60	Sample
Allina Health - Maple Grove	60.0%	60.7%	60	Sample
Allina Health - Nicollet Mall	60.0%	58.9%	60	Sample
Fairview Crosstown Clinic	59.7%	56.5%	196	Total Population
HealthEast Roseville Clinic	59.4%	55.2%	32	Total Population
■ MN Allergy & Asthma Clinic, PA	59.3%	53.9%	113	Total Population
# CentraCare Health Plaza-Women & Children Pediatrics	59.3%	56.8%	54	Total Population
Fairview Lino Lakes Clinic	59.2%	59.4%	233	Total Population
Fairview Highland Park Clinic	59.0%	57.5%	295	Total Population
# Children's Respiratory & Critical Care Specialists - Minnetonka	58.8%	53.4%	68	Total Population
Allina Health - Coon Rapids	58.3%	57.7%	60	Sample
CentraCare River Campus-Internal Medicine	58.2%	54.8%	67	Total Population
Entira Family Clinics - Inver Grove Heights	58.2%	53.2%	110	Total Population
Essentia Health - Duluth Clinic 1st St	58.1%	59.3%	360	Total Population
Fairview Hiawatha Clinic	58.0%	56.0%	402	Total Population
Fairview Fridley Clinic	57.8%	57.6%	424	Total Population
Fairview EdenCenter Clinic	57.7%	53.3%	385	Total Population
Allina Health - Annandale	57.6%	53.4%	33	Total Population
Fairview Blaine Clinic	57.4%	56.2%	197	Total Population
Fairview Andover Clinic	57.3%	53.9%	482	Total Population
Fairview Oxboro Clinic	57.1%	56.8%	326	Total Population
MN Lung Center/MN Sleep Institute - Burnsville 675 Nicollet	56.9%	53.8%	65	Total Population
Entira Family Clinics - Highland	56.8%	58.9%	95	Total Population
Big Lake Clinic	56.8%	56.7%	44	Total Population
Aspen Medical Group - Highland	56.7%	54.9%	60	Sample
Aspen Medical Group - Maplewood	56.7%	59.8%	60	Sample
Quello Clinic - Edina	56.7%	54.8%	60	Sample
Quello Clinic - Lakeville	56.7%	55.8%	60	Sample
Allina Health - Dean Lakes	56.7%	52.7%	60	Sample
Fairview Ridges Clinic	56.5%	55.9%	287	Total Population
Mayo Clinic - Northwest	55.8%	47.1%	52	Total Population
Burnsville Family Physicians	55.7%	54.0%	131	Total Population
Fairview Princeton Clinic	55.7%	56.3%	289	Total Population
Fairview Brooklyn Park Clinic	55.3%	56.0%	389	Total Population
Allina Health - First Street	55.0%	51.5%	60	Sample
Fairview Milaca Clinic	54.7%	54.1%	106	Total Population
CentraCare - Northway	54.4%	54.5%	125	Total Population
HealthPartners - Elk River	54.3%	54.1%	151	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Rainy Lake Medical Center	53.9%	54.8%	52	Total Population
CentraCare Health Plaza-Internal Medicine	53.7%	52.7%	54	Total Population
Mayo Clinic Health System Mankato Northridge	53.5%	51.4%	71	Total Population
Essentia Health - Ely Clinic	53.5%	53.4%	43	Total Population
Fairview Rush City Clinic	53.5%	54.6%	101	Total Population
Allina Health - Richfield	53.3%	51.9%	60	Sample
Essentia Health - West Duluth Clinic	53.2%	53.3%	141	Total Population
Fairview Bass Lake Clinic	53.2%	51.5%	141	Total Population
Essentia Health - Lakewalk Clinic	53.1%	53.6%	130	Total Population
Fairview Chisago Lakes Clinic	53.0%	52.3%	185	Total Population
HealthEast Stillwater Clinic	52.8%	49.9%	36	Total Population
HealthPartners - Hlth Ctr for Women	52.8%	51.8%	163	Total Population
Essentia Health - Hermantown Clinic	52.6%	53.2%	114	Total Population
Essentia Health - Moorhead	52.4%	51.9%	145	Total Population
HealthEast Downtown St. Paul Clinic	52.4%	52.3%	42	Total Population
Aspen Medical Group - Hopkins	52.3%	56.3%	44	Total Population
Minnesota Lung Center/Minnesota Sleep Institute - Edina	52.2%	46.1%	90	Total Population
Aspen Medical Group - East Lake Street	51.7%	56.2%	60	Sample
Aspen Medical Group - Bandana Square	51.7%	52.0%	60	Sample
Allina Health - Woodbury	51.7%	51.1%	60	Sample
Allina Health - Eagan	51.7%	49.5%	60	Sample
Allina Health - Faribault	51.7%	55.0%	60	Sample
Allina Health - Isles	51.7%	49.7%	60	Sample
Fairview Riverside	51.7%	49.3%	151	Total Population
Fairview Maple Grove Medical Center	51.4%	48.9%	175	Total Population
Northwest Family Physicians - Plymouth	51.4%	47.4%	109	Total Population
Mayo Clinic Health System Cannon Falls	51.2%	50.8%	41	Total Population
Fairview Hugo Clinic	51.1%	50.1%	190	Total Population
Entira Family Clinics - Woodbury	50.8%	48.4%	134	Total Population
■ Midwest Allergy & Asthma - Eagan	50.7%	46.4%	69	Total Population
Park Nicollet Clinic - Prairie Center	50.6%	48.0%	174	Total Population
Essentia Health St. Joseph's Baxter Clinic	50.3%	53.0%	161	Total Population
Fairview Lakes Medical Center	50.2%	49.0%	506	Total Population
Allina Health - St. Michael	50.0%	49.2%	60	Sample
HealthPartners - Apple Valley	49.6%	48.8%	121	Total Population
Minnesota Lung Center/Minnesota Sleep Institute - Minneapolis	49.2%	48.1%	63	Total Population
HealthPartners - Specialty Center 401	48.9%	47.0%	440	Total Population
HealthEast Midway Clinic	48.7%	48.1%	74	Total Population
■ Park Nicollet Clinic - St. Louis Park Asthma and Allergy	48.3%	43.5%	631	Total Population
Essentia Health - Deer River Clinic	48.3%	55.2%	60	Total Population
Allina Health - Ninger Road	48.3%	48.7%	60	Sample
Essentia Health - Virginia Clinic	48.0%	49.9%	100	Total Population
Essentia Health - Lakeside Clinic	47.8%	49.2%	113	Total Population
Entira Family Clinics - Como/Roseville	47.4%	47.1%	95	Total Population
HealthPartners - White Bear Lake	47.1%	46.1%	172	Total Population
Olmsted Medical Center - Rochester Northwest	46.9%	46.7%	64	Total Population
Aspen Medical Group - Bloomington	46.7%	45.8%	60	Sample
# South Lake Pediatrics - Minnetonka	46.5%	43.2%	43	Total Population
HealthPartners - Arden Hills	46.1%	44.4%	115	Total Population
HealthEast Woodbury Clinic	46.1%	40.0%	254	Total Population

■ Allergy/Immunology #Pediatric

### Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Cottage Grove	45.5%	45.6%	55	Total Population
Entira Family Clinics - Maplewood/Battle Creek	45.2%	45.0%	84	Total Population
HealthEast Maplewood Clinic	45.1%	43.2%	122	Total Population
Allina Health - Edina	45.0%	44.7%	60	Sample
HealthPartners - Riverside	44.8%	44.8%	326	Total Population
HealthPartners - Anoka	44.7%	44.3%	360	Total Population
Allina Health - United Medical Specialties	44.7%	42.1%	47	Total Population
HealthPartners - Coon Rapids	44.7%	44.6%	318	Total Population
Mayo Clinic Health System Owatonna	44.6%	45.5%	193	Total Population
HealthEast Rice Street Clinic	44.6%	44.4%	101	Total Population
HealthEast Vadnais Heights Clinic	44.4%	42.6%	108	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	44.3%	45.3%	79	Total Population
HealthEast Grand Avenue Clinic	43.8%	43.7%	137	Total Population
Allergy, Asthma & Pulmonary Associates, PA	43.5%	39.8%	193	Total Population
FamilyHealth Medical Clinic - Lonsdale	43.3%	43.9%	30	Total Population
HealthPartners - Inver Grove Heights	43.1%	42.4%	174	Total Population
HealthPartners - West	43.1%	41.8%	144	Total Population
Midwest Allergy & Asthmas - Burnsville	42.9%	38.7%	49	Total Population
HealthEast Oakdale	42.6%	41.6%	176	Total Population
Mayo Clinic Health System Red Wing	42.1%	40.4%	354	Total Population
HealthEast Roselawn Clinic	42.0%	46.4%	81	Total Population
Entira Family Clinics - Vadnais Heights	41.8%	40.2%	55	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	41.8%	35.6%	79	Total Population
Allina Health - Elk River	41.7%	39.6%	60	Sample
Entira Family Clinics - Shoreview	41.5%	38.2%	41	Total Population
Park Nicollet Clinic - Maple Grove	41.4%	39.1%	273	Total Population
Park Nicollet Clinic - Creekside	41.4%	45.2%	87	Total Population
Park Nicollet Clinic - Eagan	41.4%	38.5%	399	Total Population
HealthPartners - Maplewood	41.3%	44.2%	240	Total Population
Hennepin County Medical Center (HCMC) Clinics-Brooklyn Park Cl.	41.1%	48.3%	73	Total Population
Park Nicollet Clinic - Champlin	40.7%	37.2%	54	Total Population
HealthPartners - Nokomis	40.6%	39.5%	32	Total Population
Entira Family Clinics - West St. Paul	40.4%	40.0%	104	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	40.3%	38.4%	72	Total Population
HealthPartners - Andover	40.1%	37.9%	192	Total Population
Fairview Pine City Clinic	40.0%	36.6%	50	Total Population
#Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Pediatric Cl.	38.8%	42.1%	85	Total Population
North Memorial Clinic - Golden Valley Physicians	38.7%	37.4%	150	Total Population
Allina Health - Uptown	38.3%	39.2%	60	Sample
HealthPartners - Bloomington	38.1%	38.4%	215	Total Population
Park Nicollet Clinic - Shorewood	38.1%	39.0%	113	Total Population
Edina Sports Health & Wellness	37.6%	36.3%	181	Total Population
Park Nicollet Clinic - Bloomington	37.5%	37.4%	224	Total Population
Park Nicollet Clinic - Burnsville	37.1%	36.0%	480	Total Population
Affiliated Community Medical Centers - Willmar Clinic	37.1%	37.3%	340	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	36.9%	34.5%	130	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	36.8%	31.4%	95	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	36.8%	37.8%	76	Total Population
Mankato Clinic - North Mankato	36.6%	35.2%	82	Total Population
Multicare Associates - Fridley Medical Center	36.4%	37.0%	165	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Olmsted Medical Center - Chatfield Clinic	36.4%	36.0%	33	Total Population
Mayo Clinic Health System Austin	36.4%	35.6%	165	Total Population
Mankato Clinic - Daniel's Health Center	36.2%	34.4%	69	Total Population
Richfield Medical Group	36.2%	33.3%	47	Total Population
HealthEast Cottage Grove Clinic	36.1%	35.1%	122	Total Population
Park Nicollet Clinic - Carlson	36.0%	32.7%	308	Total Population
Mayo Clinic - Kasson	35.9%	36.3%	53	Total Population
Allina Health - North Branch	35.1%	35.1%	37	Total Population
FirstLight Health System - Mora	35.1%	40.9%	77	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	34.8%	33.6%	158	Total Population
Entira Family Clinics - North St. Paul	34.4%	35.3%	90	Total Population
Essentia Health - Proctor Clinic	34.3%	32.1%	35	Total Population
Northwest Family Physicians - Crystal	34.2%	33.2%	222	Total Population
North Memorial Clinic - Brooklyn Center Physicians	34.0%	41.0%	47	Total Population
Entira Family Clinics - East Side	33.9%	37.3%	56	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	33.8%	32.2%	675	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	33.6%	32.4%	381	Total Population
Essentia Health - Park Rapids	33.3%	34.0%	90	Total Population
Park Nicollet Clinic - Brookdale	32.1%	32.2%	358	Total Population
Park Nicollet Clinic - Wayzata	32.0%	33.6%	122	Total Population
HealthPartners - Woodbury	31.9%	30.7%	307	Total Population
Mayo Clinic Health System Mankato Eastridge	31.7%	32.7%	104	Total Population
Allina Health System - New Ulm Medical Center	31.7%	31.9%	60	Sample
Mayo Clinic Health System Lake City	31.3%	32.8%	32	Total Population
Essentia Health - Duluth Clinic	30.8%	33.1%	39	Total Population
HealthPartners - Adult & Seniors Health	30.4%	36.7%	79	Total Population
FirstLight Health System - Pine City	30.2%	26.6%	43	Total Population
Mayo Clinic - Speciality Practice	30.1%	26.7%	485	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	29.9%	28.8%	154	Total Population
Affiliated Community Medical Centers - New London Clinic	29.7%	29.4%	37	Total Population
North Memorial Clinic, Silver Lake - Shoreview	29.7%	32.0%	64	Total Population
Park Nicollet Clinic - Shakopee	29.7%	28.0%	354	Total Population
Sanford South Moorhead Internal Medicine	29.6%	28.0%	44	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	29.6%	29.8%	132	Total Population
Park Nicollet Clinic - Plymouth	28.9%	27.2%	246	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	28.9%	27.3%	52	Total Population
Park Nicollet Clinic - Lakeville	28.4%	25.1%	74	Total Population
Stillwater Medical Group - Curve Crest Clinic	28.3%	29.0%	60	Sample
HealthPartners - Brooklyn Center	28.3%	29.6%	198	Total Population
Essentia Health - Hibbing Clinic	28.2%	27.8%	71	Total Population
Fairview Riverside Primary Care Clinic	27.8%	25.5%	90	Total Population
Olmsted Medical Center - Rochester Southeast	27.4%	29.1%	354	Total Population
Mankato Clinic - Main Street	26.2%	26.1%	145	Total Population
Park Nicollet Clinic - Minneapolis	25.8%	27.6%	264	Total Population
Multicare Associates - Roseville Medical Center	25.7%	26.4%	70	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	25.5%	24.9%	153	Total Population
CentraCare Family Health Center	25.0%	49.0%	96	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	25.0%	25.8%	48	Total Population
Affiliated Community Medical Centers- Marshall Clinic	24.8%	24.6%	303	Total Population
North Memorial Clinic - Minnetonka Physicians	24.4%	23.3%	78	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Bloomington Lake Minneapolis	24.2%	24.2%	33	Total Population
Park Nicollet Clinic - Golden Valley	24.2%	25.5%	153	Total Population
HealthPartners - Eagan	23.9%	22.8%	46	Total Population
Multicare Associates - Blaine Medical Center	23.4%	23.8%	128	Total Population
Fairview Bloomington Lake Xerxes	23.3%	19.8%	30	Total Population
HealthPartners - Como	23.2%	21.9%	289	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Ctr Cl.	22.2%	38.8%	45	Total Population
Range Medical Services-IHN	22.2%	23.0%	45	Total Population
Sanford Luverne Clinic	21.8%	22.0%	55	Total Population
Park Nicollet Clinic - Chanhassen	20.9%	19.3%	311	Total Population
University of Minnesota Physicians - Smiley's Clinic	20.8%	19.9%	106	Total Population
HealthPartners - Midway	20.7%	32.1%	116	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	20.6%	23.1%	102	Total Population
North Memorial Clinic - Elk River Physicians	20.2%	19.7%	89	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	20.2%	19.5%	114	Total Population
Allina Health System - ANW General Medicine Associates - Edina	19.3%	19.5%	57	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	19.0%	21.2%	58	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	18.8%	15.8%	245	Total Population
St Luke's Clinics-Mount Royal	17.7%	18.9%	34	Total Population
Hennepin County Medical Center (HCMC) Clinics - IM Cl. Parkside	17.1%	26.1%	41	Total Population
Glencoe Regional Health Services - Glencoe	16.9%	17.4%	77	Total Population
St Luke's Clinics-Pulmonology	16.9%	17.7%	77	Total Population
HealthPartners - St Paul	15.9%	18.4%	271	Total Population
North Memorial Clinic - Brooklyn Park Physicians	15.8%	15.2%	101	Total Population
St. Cloud Medical Group - South - IHN	15.8%	17.0%	120	Total Population
Stevens Community Medical Center - Specialty Clinic	15.4%	16.4%	65	Sample
Southside Medical Clinic	13.9%	30.4%	65	Total Population
Park Nicollet Clinic - Prior Lake	13.7%	13.3%	175	Total Population
Northland Family Physicians-IHN	13.5%	19.7%	37	Total Population
University of Minnesota Physicians - Bethesda Clinic	13.3%	14.2%	105	Total Population
France Avenue Family Physicians	13.0%	17.0%	115	Total Population
CentraCare Health- Long Prairie	12.9%	10.5%	31	Total Population
Sanford Thief River Falls Clinic	12.6%	17.4%	119	Total Population
Duluth Family Medicine Clinic	12.5%	10.3%	72	Total Population
NorthPoint Health & Wellness Center	12.5%	21.1%	353	Total Population
Mayo Clinic Health System Albert Lea	11.9%	14.1%	143	Total Population
Hutchinson Medical Center	11.1%	13.7%	63	Total Population
Range Regional Health Services dba Fairview Mesaba Cl - Hibbing	11.1%	12.1%	45	Total Population
University of Minnesota Physicians - Broadway Family Medicine	11.1%	19.7%	289	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	10.7%	14.3%	431	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	10.4%	11.4%	77	Total Population
Affiliated Community Medical Centers - Benson Clinic	10.0%	11.9%	50	Total Population
University of Minnesota Physicians - Phalen Clinic	9.8%	17.7%	61	Total Population
Buffalo Clinic-Monticello: IHN	9.4%	9.4%	213	Total Population
St Luke's Clinics-Denfeld	9.3%	12.1%	54	Total Population
Parkview Medical Clinic	8.3%	14.3%	36	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	8.2%	8.9%	49	Total Population
United Family Medicine	7.6%	8.1%	250	Total Population
Buffalo Clinic-Albertville-St. Michael Clinic: IHN	7.1%	12.0%	42	Total Population
Mayo Clinic Health System St. Peter	6.4%	6.3%	47	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care - Adults Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Community-University Health Care Center	6.4%	11.5%	110	Total Population
University of Minnesota Physicians - Transplant Center	6.3%	11.6%	32	Total Population
St. Cloud Medical Group - NW- IHN	6.3%	7.3%	80	Sample
Hennepin Cty Medical Center (HCMC) Clinics - Positive Care Clinic	5.9%	17.4%	51	Total Population
West Side Community Health Services - East Side Family Clinic	4.7%	7.3%	85	Total Population
North Memorial Clinic - Camden Physicians, Mpls	4.7%	6.2%	85	Total Population
Gateway Family Health Clinic - Moose Lake	3.9%	4.7%	51	Total Population
St Luke's Clinics-Internal Medicine Associates	3.8%	4.2%	80	Total Population
Sawtooth Mountain Clinic, Inc	3.2%	3.3%	31	Total Population
Sanford Bagley Clinic	3.0%	4.6%	33	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	2.9%	4.7%	69	Total Population
Neighborhood Healthsource-Central Clinic	2.8%	18.2%	36	Total Population
Tyler Medical Clinic - Avera	2.8%	5.1%	36	Total Population
Native American Community Clinic	1.7%	7.9%	60	Sample
Sanford Worthington Clinic	1.5%	2.4%	65	Total Population
University of Minnesota Physicians - Primary Care Center	1.4%	2.1%	71	Total Population
■ Park Nicollet Clinic - Meadowbrook - Pulmonary Medicine	1.4%	2.3%	73	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	1.0%	1.1%	100	Total Population
West Side Community Health Services - La Clinica	0.9%	1.5%	117	Total Population
Buffalo Clinic-IHN	0.6%	0.7%	161	Total Population
Grand Itasca Clinic	0.4%	0.2%	243	Total Population
Ridgeview Delano Clinic	0.0%	1.3%	70	Total Population
Sanford Bemidji Main Clinic Family Medicine	0.0%	0.6%	50	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	0.0%	0.6%	98	Total Population
Winona Health - Winona Clinic	0.0%	0.0%	130	Total Population
Family Practice Medical Center of Willmar	0.0%	0.5%	57	Total Population
Apple Valley Medical Clinic - Family Practice	0.0%	0.3%	85	Total Population
Sanford South Moorhead Family Medicine	0.0%	0.2%	160	Total Population
Family Medical Center	0.0%	0.5%	69	Total Population
North Clinic - Oakdale Office in Robbinsdale	0.0%	1.5%	70	Sample
North Clinic - Maple Grove Office	0.0%	6.1%	73	Sample
North Clinic - Osseo Office	0.0%	2.3%	73	Sample
North Clinic - WestHealth Office in Plymouth	0.0%	1.5%	73	Sample
Ridgeview Excelsior Clinic	0.0%	2.8%	52	Total Population
Ridgeview Westonka Clinic	0.0%	1.2%	136	Total Population
Sanford East Grand Forks Clinic	0.0%	0.0%	112	Total Population
Ridgeview Chanhassen Clinic	0.0%	1.7%	105	Total Population
Sanford Detroit Lakes Clinic	0.0%	0.5%	81	Total Population
Paynesville Medical Clinic	0.0%	1.6%	34	Total Population
Paynesville Richmond Medical Clinic	0.0%	1.6%	39	Total Population
Ridgeview Winsted Clinic	0.0%	5.7%	33	Total Population
Edina Family Physicians, P.A.	0.0%	1.1%	120	Total Population
Neighborhood Healthsource - Fremont Clinic	0.0%	0.9%	52	Total Population
Mayo Clinic Health System St. James	0.0%	1.2%	30	Total Population
Raiter Clinic-IHN	0.0%	0.5%	97	Total Population
Stevens Community Medical Center - Starbuck Clinic	0.0%	0.8%	51	Total Population
Mille Lacs Health System - Onamia	0.0%	1.5%	61	Total Population
Lakewood Health System - Staples Clinic	0.0%	0.7%	50	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	0.0%	21.4%	170	Total Population
Wadena Medical Center	0.0%	0.1%	71	Total Population
Riverwood Aitkin Clinic	0.0%	0.3%	119	Total Population
Murray County Clinic	0.0%	0.8%	45	Total Population
Glenwood Medical Center	0.0%	1.3%	36	Total Population
Avera Medical Group - Worthington	0.0%	1.3%	45	Total Population
Riverwood McGregor Clinic	0.0%	0.8%	68	Total Population
Sanford Bemidji 1611 Anne St Clinic	0.0%	1.3%	38	Total Population
Allergy, Asthma & Immunology - Shoreview	0.0%	4.4%	146	Total Population
Winona Health - Family Medicine	0.0%	16.1%	44	Total Population
New Hope Crystal Medical Clinic	0.0%	1.6%	44	Total Population
Sanford Health Broadway Clinic - Alexandria	0.0%	0.1%	67	Total Population
Cuyuna Regional Medical Center-Clinic Services	0.0%	0.8%	54	Total Population

■ Allergy/Immunology #Pediatric

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
^ Minnesota Gynecology & Surgery	98.6%	94.0%	73	Sample
^ Clinic Sofia ObGyn	97.4%	89.1%	39	Total Population
^ Clinic Sofia Ob/Gyn	96.7%	96.1%	871	Total Population
CentraCare River Campus-Internal Medicine	90.8%	89.7%	4188	Total Population
Stillwater Medical Group - Mahtomedi Clinic	90.0%	88.6%	60	Sample
CentraCare Health Plaza-Internal Medicine	89.0%	88.3%	1992	Total Population
Catalyst Medical Clinic	88.3%	84.5%	60	Sample
^ Paul Larson OB/GYN Clinic, PA	86.7%	83.2%	60	Sample
Mayo Clinic - Northeast	85.5%	83.0%	3570	Total Population
St Luke's Clinics-Duluth Internal Medicine Associates	85.0%	81.7%	60	Sample
HealthEast Midway Clinic	84.7%	83.6%	2988	Total Population
Mayo Clinic - Northwest	84.5%	82.6%	2176	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	84.2%	84.1%	1743	Total Population
Fairview RidgeValley Clinic	84.1%	83.3%	1844	Total Population
^ HealthPartners - Hlth Ctr for Women	83.9%	83.3%	2588	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	83.6%	82.3%	4936	Total Population
HealthPartners - White Bear Lake	83.6%	83.2%	3324	Total Population
Sanford South Moorhead Internal Medicine	83.3%	81.5%	1527	Total Population
Fairview Crosstown Clinic	82.9%	81.6%	3370	Total Population
Sanford Bemidji Black Duck Clinic	82.6%	83.1%	529	Total Population
Fairview Lakeville Clinic	82.5%	82.1%	1011	Total Population
Quello Clinic - Lakeville	82.1%	81.1%	2268	Total Population
Steven Saliterman, MD	81.7%	78.5%	60	Sample
St Luke's Clinics-P.S. Rudie Medical Clinic	81.7%	80.7%	60	Sample
Allina Health - Buffalo	81.4%	81.5%	2783	Total Population
Affiliated Community Medical Centers - New London Clinic	81.2%	80.3%	1295	Total Population
Allina Health System - ANW General Medicine Associates - Edina	81.2%	81.1%	4918	Total Population
Fairview Rosemount Clinic	81.2%	78.6%	1318	Total Population
Affiliated Community Medical Centers - Willmar Clinic	81.1%	80.6%	7319	Total Population
Fairview Ridges Clinic	81.1%	79.9%	5195	Total Population
HealthEast Vadnais Heights Clinic	81.1%	80.2%	2828	Total Population
Mayo Clinic Health System Faribault Hwy 60	81.0%	80.6%	1688	Total Population
Aspen Medical Group - White Bear Lake	81.0%	79.2%	1176	Total Population
HealthPartners - Arden Hills	80.8%	80.8%	2711	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	80.8%	79.4%	9278	Total Population
Mankato Clinic - Mapleton	80.6%	79.7%	495	Total Population
Fairview Rogers Clinic	80.6%	80.8%	716	Total Population
CentraCare - St. Joseph	80.5%	79.9%	1084	Total Population
Fairview Oxboro Clinic	80.5%	79.9%	4542	Total Population
HealthEast Downtown St. Paul Clinic	80.4%	79.3%	3244	Total Population
HealthPartners - West	80.3%	80.2%	2818	Total Population
Fairview Brooklyn Park Clinic	80.2%	80.6%	2681	Total Population
Fairview Fridley Clinic	80.1%	79.7%	3264	Total Population
St Luke's Clinics-Internal Medicine Associates	80.0%	78.3%	60	Sample
CentraCare Health Plaza-Family Medicine	79.9%	79.4%	2032	Total Population
CentraCare Health Plaza-Women & Children OB/GYN	79.8%	78.8%	1135	Total Population
^ North Memorial Plymouth City Center Clinic	79.8%	76.5%	342	Total Population
Grand Itasca Clinic	79.6%	77.9%	162	Sample
Fairview EdenCenter Clinic	79.6%	78.1%	3462	Total Population
Quello Clinic - Edina	79.5%	79.4%	2346	Total Population
HealthPartners - Como	79.5%	78.7%	5534	Total Population
Adefris & Toppin Women's Specialists	79.5%	79.6%	380	Total Population

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Bloomington	79.4%	80.2%	3283	Total Population
CentraCare - Northway	79.4%	78.8%	2285	Total Population
Park Nicollet Clinic - Carlson	79.3%	77.6%	6176	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	79.3%	78.3%	9513	Total Population
Mankato Clinic - North Mankato	79.2%	77.3%	2240	Total Population
Fairview Eagan Clinic	79.2%	78.1%	2931	Total Population
HealthEast Hugo Clinic	79.0%	76.9%	792	Total Population
HealthPartners - Maplewood	79.0%	79.8%	2804	Total Population
Sanford Bemidji Main Clinic Internal Medicine	78.9%	78.0%	2284	Total Population
Mayo Clinic Health System Faribault Campus Location	78.9%	78.4%	104	Total Population
^ Partners Obstetrics & Gynecology, PA	78.8%	76.7%	2186	Total Population
Allina Health - Isles	78.8%	79.1%	2687	Total Population
Fairview Uptown Clinic	78.7%	78.0%	1721	Total Population
Mayo Clinic - Kasson	78.7%	77.5%	2526	Total Population
Allina Health - Shoreview	78.6%	78.1%	4968	Total Population
Aspen Medical Group - Highland	78.5%	78.5%	1462	Total Population
HealthEast Woodbury Clinic	78.5%	77.0%	4429	Total Population
Mayo Clinic Health System St. Peter	78.5%	77.6%	1690	Total Population
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	78.5%	77.1%	701	Total Population
Mayo Clinic Health System Mankato Eastridge	78.4%	78.3%	2479	Total Population
HealthPartners - Woodbury	78.4%	77.7%	5305	Total Population
Allina Health - Edina	78.3%	79.6%	2598	Total Population
Allina Health - Blaine	78.2%	78.5%	1774	Total Population
Allina Health - Nicollet Mall	78.2%	78.5%	3046	Total Population
HealthPartners - Apple Valley	78.1%	77.8%	2145	Total Population
CentraCare Health- Melrose	78.1%	81.0%	1647	Total Population
Allina Health - Nininger Road	78.1%	77.8%	2267	Total Population
Essentia Health - Duluth Clinic	78.0%	77.3%	609	Total Population
HealthPartners Central Minnesota Clinics	78.0%	77.5%	4474	Total Population
HealthPartners - Coon Rapids	77.8%	78.0%	3761	Total Population
Fairview Maple Grove Medical Center	77.7%	77.3%	1112	Total Population
Aspen Medical Group - Hopkins	77.7%	77.3%	1093	Total Population
Essentia Health - Duluth Clinic 1st St	77.6%	77.6%	6197	Total Population
North Clinic - Osseo Office	77.5%	75.5%	80	Sample
St. Cloud Medical Group - NW- IHN	77.5%	74.0%	80	Sample
St. Cloud Medical Group - Cold Spring - IHN	77.5%	76.4%	80	Sample
Fairview Savage Clinic	77.5%	76.5%	280	Total Population
Entira Family Clinics - Highland	77.5%	75.7%	2199	Total Population
HealthPartners - Eagan	77.4%	76.2%	668	Total Population
Allina Health - United Medical Specialties	77.4%	77.6%	2282	Total Population
Fairview Highland Park Clinic	77.4%	76.2%	1600	Total Population
Aspen Medical Group - Bandana Square	77.3%	76.9%	5528	Total Population
Mankato Clinic - Wickersham Campus	77.2%	74.9%	2293	Total Population
Fairview Hiawatha Clinic	77.1%	77.0%	2090	Total Population
Park Nicollet Clinic - Prairie Center	77.1%	75.4%	3297	Total Population
Park Nicollet Clinic - Plymouth	77.0%	75.3%	4427	Total Population
Fairview Bass Lake Clinic	77.0%	76.6%	1045	Total Population
Gundersen Lutheran - La Crescent Clinic	77.0%	75.8%	971	Total Population
Fairview Northeast Clinic	77.0%	76.8%	2176	Total Population
HealthEast Maplewood Clinic	76.9%	76.3%	1452	Total Population
Fairview Chisago Lakes Clinic	76.9%	76.1%	1992	Total Population
CentraCare - Becker	76.9%	75.9%	968	Total Population

Data forthcoming in final publication

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Health - Uptown	76.7%	77.8%	1380	Total Population
Fairview Andover Clinic	76.7%	76.0%	2821	Total Population
Stillwater Medical Group - Lakeview Campus	76.7%	77.8%	60	Sample
HealthPartners - Roseville	76.6%	75.4%	2420	Total Population
Mayo Clinic Health System Mankato Northridge	76.6%	75.4%	1987	Total Population
HealthPartners - Brooklyn Center	76.5%	77.7%	3132	Total Population
HealthPartners - Inver Grove Heights	76.3%	76.0%	1550	Total Population
Essentia Health St. Joseph's - Pillager	76.3%	75.7%	494	Total Population
^ Allina Health - Mercy Women's Health	76.3%	74.9%	979	Total Population
Park Nicollet Clinic - Golden Valley	76.2%	74.6%	3311	Total Population
Fairview CedarRidge Clinic	76.1%	75.2%	2995	Total Population
Allina Health - Plymouth	76.0%	76.1%	3360	Total Population
Allina Health - Richfield	76.0%	76.0%	5773	Total Population
^ Women & Adolescent Gynecology Center	76.0%	73.5%	100	Total Population
HealthPartners - Adult & Seniors Health	76.0%	78.4%	3478	Total Population
Entira Family Clinics - Maplewood/Battle Creek	75.9%	74.5%	2602	Total Population
Fairview Lakes Medical Center	75.9%	74.8%	4291	Total Population
Mankato Clinic - Daniel's Health Center	75.8%	73.9%	798	Total Population
Mankato Clinic - Main Street	75.8%	74.7%	5018	Total Population
HealthEast Oakdale	75.7%	74.4%	2856	Total Population
Allina Health - Faribault	75.7%	75.6%	4447	Total Population
Fairview Elk River Clinic	75.6%	75.2%	1875	Total Population
^ Allina Health - Eagan Women's Health	75.5%	74.9%	474	Total Population
North Memorial Clinic - Maple Grove	75.4%	73.6%	2501	Total Population
Burnsville Family Physicians	75.4%	73.5%	2452	Total Population
Fairview Princeton Clinic	75.3%	75.2%	3261	Total Population
Quello Clinic - Savage	75.3%	75.3%	1358	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	75.2%	74.8%	1545	Total Population
Mayo Clinic Health System Owatonna	75.1%	75.3%	7071	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	75.0%	74.5%	6110	Total Population
Stillwater Medical Group - Curve Crest Clinic	75.0%	77.5%	60	Sample
^ Allina Health - United Women's Health	74.9%	73.9%	765	Total Population
Fairview Jonathan Clinic	74.9%	74.2%	720	Total Population
Quello Clinic - Chanhassen	74.9%	77.4%	855	Total Population
^ Women's Health Consultants - TCF Tower	74.8%	72.2%	1065	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	74.8%	72.5%	1721	Total Population
Allina Health - Champlin	74.7%	74.6%	4040	Total Population
Fairview Blaine Clinic	74.7%	74.2%	1260	Total Population
Fairview Hugo Clinic	74.6%	74.4%	928	Total Population
Sanford Bemidji Main Clinic Family Medicine	74.5%	74.2%	2078	Total Population
Sanford New York Mills Clinic	74.5%	79.0%	546	Total Population
Fairview Columbia Heights Clinic	74.5%	74.6%	2589	Total Population
Allina Health - Fridley	74.5%	74.4%	1082	Total Population
Allina Health - Elk River	74.4%	74.1%	1859	Total Population
Essentia Health - Hermantown Clinic	74.3%	73.9%	3363	Total Population
HealthEast Eagan Clinic	74.2%	72.8%	213	Total Population
Allina Health - Chaska	74.1%	74.0%	2420	Total Population
Park Nicollet Clinic - Shorewood	74.0%	72.0%	2103	Total Population
Sanford South Moorhead Family Medicine	73.9%	72.0%	2151	Total Population
OBGYN West - Ridgedale	73.9%	74.6%	1409	Total Population
Sanford Perham Clinic	73.9%	79.1%	1500	Total Population
HealthPartners - Nokomis	73.9%	72.8%	222	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthEast Cottage Grove Clinic	73.8%	72.7%	2603	Total Population
Allina Health - Farmington	73.7%	74.2%	1198	Total Population
Allina Health - Eagan	73.7%	73.8%	3038	Total Population
Park Nicollet Clinic - Eagan	73.7%	72.3%	4505	Total Population
Allina Health - Coon Rapids	73.6%	73.8%	14603	Total Population
Stevens Community Medical Center	73.6%	73.8%	72	Sample
Allina Health - Shakopee	73.6%	73.9%	2064	Total Population
Park Nicollet Clinic - Maple Grove	73.6%	72.3%	3478	Total Population
Edina Sports Health & Wellness	73.5%	70.6%	1723	Total Population
Park Nicollet Clinic - Burnsville	73.4%	71.9%	7655	Total Population
Park Nicollet Clinic - Chanhassen	73.4%	71.3%	5864	Total Population
Fairview Milaca Clinic	73.3%	73.5%	1223	Total Population
^ St Luke's Clinics-OB-GYN	73.3%	74.6%	60	Sample
Allina Health - Woodbury	73.3%	73.2%	6083	Total Population
Affiliated Community Medical Centers- Marshall Clinic	73.0%	72.6%	4355	Total Population
Family Practice Medical Center of Willmar	73.0%	72.2%	2902	Total Population
Sanford Bemidji 1611 Anne St Clinic	73.0%	73.1%	1619	Total Population
Fairview Lino Lakes Clinic	72.8%	71.5%	1443	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	72.8%	72.1%	5525	Total Population
Allina Health - Maple Grove	72.7%	72.4%	1743	Total Population
Allina Health - Ramsey	72.6%	72.4%	3611	Total Population
Sanford Detroit Lakes Clinic	72.6%	72.0%	2501	Total Population
Fairview Riverside	72.5%	70.6%	1524	Total Population
St. Cloud Medical Group - South - IHN	72.5%	71.5%	80	Sample
Entira Family Clinics - White Bear Lake/Banning Ave	72.5%	71.0%	2397	Total Population
HealthEast Stillwater Clinic	72.5%	72.3%	494	Total Population
HealthPartners - St Paul	72.4%	73.8%	3836	Total Population
Sanford Luverne Clinic	72.3%	70.5%	2473	Total Population
Aspen Medical Group - Bloomington	72.3%	72.3%	2741	Total Population
HealthPartners - Riverside	72.3%	74.2%	2621	Total Population
HealthPartners - Elk River	72.1%	71.1%	2568	Total Population
Mayo Clinic Health System Red Wing	72.0%	71.0%	5481	Total Population
Allina Health - Northfield	71.9%	71.7%	4962	Total Population
HealthPartners - Lino Lakes	71.9%	69.9%	1553	Total Population
Quello Clinic - Burnsville	71.8%	71.6%	2280	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	71.8%	71.8%	1390	Total Population
Allina Health - First Street	71.8%	71.6%	4576	Total Population
^ Essentia Health - Baxter Women's Specialty Clinic	71.8%	70.4%	248	Total Population
Allina Health - West St. Paul	71.7%	72.0%	3368	Total Population
CentraCare Health- Long Prairie	71.7%	75.9%	1236	Total Population
Lake View Clinic - Two Harbors	71.7%	71.9%	60	Sample
Allina Health - Cambridge	71.7%	72.0%	8101	Total Population
Essentia Health - Deer River Clinic	71.6%	72.1%	1893	Total Population
Allina Health - Forest Lake	71.6%	71.3%	4348	Total Population
Allina Health - Dean Lakes	71.6%	71.1%	1662	Total Population
Mayo Clinic Health System Cannon Falls	71.5%	70.4%	1342	Total Population
Sanford Thief River Falls Clinic	71.5%	74.7%	3608	Total Population
HealthPartners - Andover	71.3%	69.6%	2951	Total Population
Mayo Clinic Health System Kenyon	71.3%	72.1%	122	Total Population
North Clinic - Maple Grove Office	71.3%	68.1%	80	Sample
St. Cloud Medical Group - Clearwater - IHN	71.3%	69.3%	80	Sample
Allina Health - Annandale	71.2%	72.0%	1008	Total Population
				Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Rush City Clinic	71.2%	70.9%	1080	Total Population
Essentia Health - West Duluth Clinic	71.1%	71.1%	3424	Total Population
CentraCare Health- Sauk Centre	71.1%	71.6%	1598	Total Population
Park Nicollet Clinic - Bloomington	71.1%	69.2%	4427	Total Population
Allina Health - North Branch	70.9%	71.1%	516	Total Population
Allina Health - Brooklyn Park	70.9%	71.5%	922	Total Population
North Clinic - WestHealth Office in Plymouth	70.9%	70.3%	79	Sample
Fairview Pine City Clinic	70.9%	70.7%	590	Total Population
Fairview North Branch Clinic	70.8%	69.9%	1519	Total Population
Fairview Farmington Clinic	70.8%	71.1%	291	Total Population
Entira Family Clinics - Woodbury	70.7%	68.7%	3365	Total Population
Mayo Clinic Health System Austin	70.6%	70.9%	4715	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	70.6%	70.0%	6636	Total Population
Park Nicollet Clinic - Brookdale	70.5%	70.2%	4968	Total Population
HealthPartners - Anoka	70.5%	69.9%	3926	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	70.4%	70.6%	713	Total Population
Mayo Clinic Health System Lamberton	70.4%	76.1%	54	Total Population
Women's Health Center	70.2%	67.6%	67	Total Population
Mayo Clinic Health System Springfield	70.1%	70.2%	825	Total Population
Sanford Cass Lake Clinic	70.0%	71.6%	227	Total Population
Apple Valley Medical Clinic - Family Practice	70.0%	68.7%	60	Sample
Glencoe Regional Health Services - Glencoe	70.0%	68.5%	60	Sample
Entira Family Clinics - Shoreview	70.0%	68.2%	1940	Total Population
HealthEast Grand Avenue Clinic	69.9%	70.1%	1610	Total Population
Mayo Clinic Health System Lake Crystal	69.9%	69.4%	409	Total Population
Essentia Health - Lakeside Clinic	69.7%	69.4%	2518	Total Population
Northwest Family Physicians - Rogers	69.7%	68.0%	1282	Total Population
Aspen Medical Group - Inver Grove Heights	69.6%	68.9%	2260	Total Population
Richfield Medical Group	69.6%	67.9%	1944	Total Population
Winona Health - Winona Clinic	69.5%	69.4%	4880	Total Population
Entira Family Clinics - Vadnais Heights	69.4%	68.2%	2043	Total Population
Ottertail Area Medical Clinic	69.4%	69.6%	343	Total Population
Mayo Clinic Health System Le Sueur	69.4%	68.9%	1054	Total Population
Northwest Family Physicians - Plymouth	69.3%	67.6%	1911	Total Population
Fairview Zimmerman Clinic	69.2%	68.8%	855	Total Population
Allina Health - Cottage Grove	69.1%	69.4%	4213	Total Population
Big Lake Clinic	69.1%	69.9%	440	Total Population
Entira Family Clinics - Inver Grove Heights	69.1%	67.3%	2798	Total Population
HealthPartners - Ctr for Internatl Hlth	69.0%	73.6%	875	Total Population
Mayo Clinic Health System Waterville	68.8%	69.5%	311	Total Population
Entira Family Clinics - Como/Roseville	68.8%	68.1%	2015	Total Population
Northland Family Physicians-IHN	68.8%	68.2%	560	Total Population
Park Nicollet Clinic - Champlin	68.7%	67.3%	419	Total Population
Sharpe Dillon Cockson & Associates PA	68.7%	70.6%	2277	Total Population
Allina Health System - New Ulm Medical Center	68.5%	69.4%	4425	Total Population
HealthPartners - Midway	68.4%	72.4%	1183	Total Population
University of Minnesota Physicians - Primary Care Center	68.4%	68.7%	3101	Total Population
North Memorial Clinic - Minnetonka Physicians	68.3%	68.0%	1137	Total Population
Aspen Medical Group - Maplewood	68.3%	68.1%	3728	Total Population
Sanford Health Broadway Clinic - Alexandria	68.3%	67.5%	3494	Total Population
North Memorial Clinic - Brooklyn Center Physicians	68.1%	68.4%	803	Total Population
HealthEast Roseville Clinic	68.1%	70.8%	420	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Essentia Health - Ely Clinic	68.0%	68.3%	2095	Total Population
Mayo Clinic Health System Wabasha	67.9%	67.3%	1479	Total Population
Allina Health - St. Michael	67.9%	68.3%	955	Total Population
Gundersen Lutheran - Houston	67.8%	68.2%	264	Total Population
HealthEast Rice Street Clinic	67.6%	70.4%	1750	Total Population
North Clinic - Oakdale Office in Robbinsdale	67.5%	66.9%	80	Sample
Mayo Clinic Health System Waseca	67.5%	67.8%	1716	Total Population
Scenic Rivers Health Services - Northome	67.5%	73.1%	212	Total Population
Essentia Health - Lakewalk Clinic	67.4%	66.8%	1775	Total Population
Buffalo Clinic-Integrity Health	67.3%	66.2%	4213	Total Population
FamilyHealth Medical Clinic - Northfield	67.2%	65.1%	1155	Total Population
Affiliated Community Medical Centers - Benson Clinic	67.2%	67.3%	1426	Total Population
Altru Health System - Warroad	67.1%	65.9%	674	Total Population
Entira Family Clinics - West St. Paul	67.1%	65.2%	2689	Total Population
Osakis Medical Clinic, A Service of Douglas County Hospital	67.1%	66.5%	88	Total Population
Essentia Health St. Joseph's Baxter Clinic	67.1%	67.6%	3375	Total Population
Family Medical Center	66.9%	66.8%	4516	Total Population
Lake Region Healthcare - Battle Lake Clinic	66.7%	65.9%	60	Sample
Mayo Clinic Health System Montgomery	66.7%	66.8%	60	Sample
Mayo Clinic Health System Adams	66.6%	65.2%	649	Total Population
Hennepin County Medical Center (HCMC) Clinics - IM Cl. Parkside	66.5%	66.6%	1944	Total Population
River's Edge Clinic - St. Peter	66.4%	66.8%	253	Total Population
Sanford Mahnommen Clinic	66.2%	65.5%	314	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	66.0%	65.0%	2270	Total Population
Park Nicollet Clinic - Wayzata	65.9%	64.1%	4348	Total Population
^ Comprehensive Healthcare for Women, PA	65.8%	64.6%	711	Total Population
Mayo Clinic Health System Kiester	65.8%	65.7%	234	Total Population
Mankato Clinic - Lake Crystal	65.6%	64.7%	416	Total Population
Hutchinson Medical Center	65.3%	64.9%	5218	Total Population
Aspen Medical Group - East Lake Street	65.2%	67.8%	1318	Total Population
Allina Health - Cokato	65.2%	65.4%	703	Total Population
Christopher J Wenner, MD, PA - IHN	65.1%	64.8%	146	Total Population
St Luke's Clinics-Miller Creek	65.0%	65.2%	60	Sample
St Luke's Clinics-Mount Royal	65.0%	64.5%	60	Sample
Mayo Clinic Health System Sherburn	65.0%	63.3%	40	Total Population
AALFA Family Clinic	64.7%	63.3%	873	Total Population
Essentia Health - Proctor Clinic	64.7%	64.3%	929	Total Population
North Memorial Clinic - Golden Valley Physicians	64.6%	63.4%	2235	Total Population
Gateway Family Health Clinic - Moose Lake	64.5%	64.6%	2103	Total Population
Mayo Clinic Health System Albert Lea	64.4%	64.6%	5452	Total Population
Lakewood Health System - Staples Clinic	64.4%	64.4%	2070	Total Population
Sibley Medical Center - Gaylord Site	64.4%	62.4%	264	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	64.4%	64.1%	2195	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	64.3%	64.2%	2645	Total Population
Entira Family Clinics - North St. Paul	64.2%	63.0%	3417	Total Population
Sibley Medical Center - Winthrop Site	64.2%	65.0%	162	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	64.2%	64.1%	1392	Total Population
Mayo Clinic Health System Plainview	64.1%	63.3%	407	Total Population
Gundersen Lutheran - Harmony Clinic	63.9%	65.5%	349	Total Population
Sanford Health Adrian Clinic	63.8%	62.0%	318	Total Population
Essentia Health - Aurora Clinic	63.6%	63.5%	1462	Total Population
^ Metropolitan Obstetrics and Gynecology - Gallery Prof. Building	63.6%	60.4%	1288	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Sibley Medical Center - Arlington Site	63.5%	62.8%	529	Total Population
France Avenue Family Physicians	63.3%	61.7%	60	Sample
Range Regional Health Services dba Fairview Mesaba Cl - Hibbing	63.3%	63.1%	60	Sample
Stevens Community Medical Center - Starbuck Clinic	63.3%	62.8%	60	Sample
Mayo Clinic Health System Belle Plaine	63.3%	66.0%	60	Sample
Glencoe Regional Health Services - Lester Prairie	63.3%	63.7%	60	Sample
Sawtooth Mountain Clinic, Inc	63.3%	62.8%	1155	Total Population
Lakewood Health System - Motley Clinic	63.2%	62.9%	464	Total Population
Mayo Clinic Health System Fairmont	63.1%	63.6%	3180	Total Population
HealthEast Roselawn Clinic	63.1%	66.2%	1421	Total Population
Park Nicollet Clinic - Minneapolis	62.9%	64.8%	3224	Total Population
Lakewood Health System - Browerville Clinic	62.8%	63.1%	309	Total Population
Olmsted Medical Center - Rochester Southeast	62.5%	63.6%	6063	Total Population
Sanford Twin Valley Clinic	62.5%	61.7%	72	Total Population
Essentia Health St. Joseph's - Pierz Clinic	62.4%	61.3%	290	Total Population
Riverwood Aitkin Clinic	62.4%	62.8%	2061	Total Population
Community Medical Center Pierz	62.2%	62.7%	201	Total Population
Ortonville Area Health Services-Northside Medical Clinic	62.2%	60.6%	1541	Total Population
HealthPartners - Cottage Grove	62.1%	63.3%	396	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	61.9%	61.0%	2501	Total Population
Altru Health System - Roseau	61.9%	61.1%	1844	Total Population
Sanford Worthington Clinic	61.8%	61.5%	1699	Total Population
Northwest Family Physicians - Crystal	61.8%	60.9%	2899	Total Population
Olmsted Medical Center - Pine Island Clinic	61.8%	61.4%	659	Total Population
Sanford Jackson Lakefield Clinic	61.7%	60.6%	355	Total Population
St Luke's Clinics-Bay Area	61.7%	60.8%	60	Sample
Lake Region Healthcare - Ashby Clinic	61.7%	63.0%	60	Sample
St Luke's Clinics-Lester River	61.7%	61.9%	60	Sample
Glencoe Regional Health Services - Stewart	61.7%	63.1%	60	Sample
Cuyuna Regional Medical Center-Clinic Services	61.7%	64.3%	60	Sample
Buffalo Clinic-Monticello: IHN	61.6%	60.7%	2975	Total Population
Sanford Walker Clinic	61.6%	61.5%	1077	Total Population
FamilyHealth Medical Clinic - Lakeville	61.5%	57.5%	169	Total Population
Buffalo Clinic-Albertville-St. Michael Clinic: IHN	61.5%	60.6%	520	Total Population
Mayo Clinic Health System Janesville	61.5%	62.1%	296	Total Population
Meeker Memorial Clinic	61.3%	61.6%	217	Total Population
Gundersen Lutheran - Spring Grove Clinic	61.3%	61.4%	449	Total Population
^ Southdale Obstetric and Gynecology Consultants- Edina	61.1%	57.6%	2382	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	61.1%	60.8%	1465	Total Population
Sanford Westbrook Clinic	61.0%	59.1%	436	Total Population
Olmsted Medical Center - Rochester Northwest	61.0%	60.9%	1740	Total Population
John A. Haugen Associates, PA	60.8%	57.5%	1985	Total Population
Lakewood Health System - Eagle Valley Clinic	60.5%	59.0%	263	Total Population
St. Mary's Innovis Health Clinic - Frazee	60.3%	60.4%	310	Total Population
Mayo Clinic Health System Red Wing in Zumbrota	60.0%	59.5%	858	Total Population
St Luke's Clinics-Denfled	60.0%	61.3%	60	Sample
Richard Schoewe MD	60.0%	59.7%	60	Sample
FamilyHealth Medical Clinic - Lonsdale	60.0%	60.3%	30	Total Population
Randall Lakes Area Clinic	60.0%	60.7%	105	Total Population
Essentia Health- Virginia Medical Arts	60.0%	60.0%	90	Total Population
Entira Family Clinics - East Side	59.9%	61.0%	1673	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	59.8%	58.5%	2763	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Range Medical Services-IHN	59.8%	59.4%	318	Total Population
Olmsted Medical Center - Spring Valley Clinic	59.7%	59.5%	596	Total Population
Parkview Medical Clinic	59.6%	57.9%	1721	Total Population
Sanford Tracy Clinic	59.5%	60.7%	561	Total Population
North Memorial Clinic - Brooklyn Park Physicians	59.4%	58.7%	2333	Total Population
Fairview Bloomington Lake Minneapolis	59.4%	58.6%	1619	Total Population
Mayo Clinic Health System St. James	59.3%	59.2%	1319	Total Population
Mayo Clinic Health System Alden	59.2%	58.6%	397	Total Population
Sanford Health Mountain Lake Clinic	59.2%	59.0%	524	Total Population
Sanford Hawley Clinic	58.8%	59.2%	325	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	58.8%	60.8%	1193	Total Population
Mayo Clinic - Speciality Practice	58.7%	57.7%	17660	Total Population
FirstLight Health System - Mora	58.4%	63.5%	2240	Total Population
Ridgeview Chanhassen Clinic	58.4%	57.9%	2345	Total Population
Mayo Clinic Health System Lake City	58.4%	58.2%	1676	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	58.3%	58.6%	60	Sample
Essentia Health - Graceville Clinic	58.3%	58.5%	60	Sample
Avera - Pipestone County Medical Center	58.3%	58.4%	60	Sample
Altru Health System - Crookston	58.2%	58.0%	1533	Total Population
Park Nicollet Clinic - Prior Lake	58.2%	57.3%	1843	Total Population
Avera Medical Group - Windom	58.1%	57.3%	780	Total Population
North Memorial Clinic - Elk River Physicians	58.0%	57.5%	1192	Total Population
Renville County Hospital and Clinics - Olivia	57.9%	58.5%	974	Total Population
Sanford Canby Clinic	57.7%	57.1%	929	Total Population
Park Nicollet Clinic - Shakopee	57.6%	57.3%	3873	Total Population
RiverView Clinic Red Lake Falls	57.5%	58.5%	47	Total Population
Park Nicollet Clinic - Creekside	57.3%	59.6%	969	Total Population
Avera Medical Group - Marshall	57.1%	55.7%	210	Total Population
Appleton Clinic	57.0%	57.2%	412	Total Population
Sacred Heart Mercy Health Care Center	56.9%	56.3%	274	Total Population
Sibley Medical Center - Henderson Site	56.8%	60.1%	44	Total Population
FirstLight Health System - Pine City	56.8%	69.0%	745	Total Population
Mille Lacs Health System - Onamia	56.7%	57.8%	67	Sample
Park Nicollet Clinic Target Health and Well-Being Center	56.7%	55.5%	337	Total Population
Johnson Memorial Health Services - Dawson Clinic	56.7%	57.3%	60	Sample
Essentia Health Ada	56.7%	63.9%	60	Sample
Lake Region Healthcare Clinic Services - Fergus Falls	56.7%	57.9%	60	Sample
^ Western OB/GYN	56.6%	54.7%	869	Total Population
Wadena Medical Center	56.5%	57.3%	2399	Total Population
Winona Health - Lewiston Clinic	56.5%	57.1%	124	Total Population
Cromwell Medical Clinic-IHN	56.4%	58.4%	328	Total Population
Winona Health - Rushford Clinic	56.4%	56.7%	369	Total Population
Olmsted Medical Center - Preston Clinic	56.4%	56.4%	653	Total Population
Multicare Associates - Blaine Medical Center	56.3%	55.5%	3839	Total Population
Sanford Pelican Rapids Clinic	56.3%	55.5%	453	Total Population
FirstLight Health System - Hinckley	56.3%	69.2%	878	Total Population
Johnson Memorial Health Services - Boyd Clinic	56.3%	55.1%	32	Total Population
North Memorial Clinic - Camden Physicians, Mpls	56.1%	56.3%	1250	Total Population
Mayo Clinic Health System LeRoy	56.0%	56.3%	293	Total Population
LakeWood Health Center Clinic	56.0%	56.7%	1006	Total Population
Parkway Family Physicians	55.7%	53.3%	61	Sample
Park Nicollet Clinic - Rogers	55.7%	58.9%	158	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Essentia Health - Virginia Clinic	55.6%	55.9%	2767	Total Population
RiverView Clinic North	55.4%	55.1%	549	Total Population
Scandia Clinic	55.3%	53.9%	649	Total Population
Gateway Family Health Clinic - Sandstone	55.2%	56.8%	1263	Total Population
Hutchinson Area Health Care - Dassel Medical Center	55.2%	55.9%	308	Total Population
Altru Health System - Erskine	55.2%	55.4%	154	Total Population
Sanford Ulen Clinic	55.0%	55.8%	80	Total Population
Range Regional Hlth Services dba Fairview Mesaba Cl - Nashauk	55.0%	58.2%	60	Sample
Edina Family Physicians, P.A.	55.0%	54.9%	60	Sample
^ Mayo Clinic Health System New Prague Women's Health Center	55.0%	55.0%	40	Total Population
University of Minnesota Physicians - Mill City Clinic	54.9%	55.3%	912	Total Population
Altru Health System - Red Lake Falls	54.9%	54.7%	246	Total Population
North Memorial Clinic, Silver Lake - St. Anthony	54.9%	53.6%	3022	Total Population
Hendricks Clinic	54.8%	54.1%	783	Total Population
Sanford Wheaton Clinic	54.7%	53.5%	285	Total Population
Multicare Associates - Fridley Medical Center	54.7%	54.0%	4393	Total Population
^ Western OB/GYN - Chaska	54.7%	51.3%	503	Total Population
Rainy Lake Medical Center	54.6%	55.1%	2038	Total Population
Olmsted Medical Center - Chatfield Clinic	54.6%	54.7%	539	Total Population
CentraCare Health- Long Prairie-Eagle Valley Clinic	54.3%	62.6%	70	Total Population
Tyler Medical Clinic - Avera	54.1%	52.3%	61	Sample
Sanford Health Windom Clinic	54.1%	54.3%	357	Total Population
Altru Health System - Fertile	54.1%	52.3%	185	Total Population
Essentia Health - Hibbing Clinic	54.0%	53.8%	2602	Total Population
Essentia Health St. Joseph's - Pequot Lakes Clinic	53.9%	53.6%	458	Total Population
Mayo Clinic Health System Wells	53.9%	54.0%	323	Total Population
Ridgeview Westonka Clinic	53.8%	53.6%	2884	Total Population
Albany Medical Center	53.8%	54.4%	171	Total Population
Mayo Clinic Health System New Richland	53.6%	53.7%	379	Total Population
Essentia Health St. Joseph's - Crosslake Clinic	53.5%	54.4%	275	Total Population
Essentia Health - Hackensack Clinic	53.4%	56.1%	73	Total Population
Cuyuna Regional Medical Center-Longville	53.3%	47.5%	60	Sample
Fairview St. Francis Clinic	53.3%	54.0%	229	Total Population
Essentia Health - Chisholm Clinic	53.2%	52.6%	314	Total Population
Olmsted Medical Center - Plainview Clinic	53.2%	52.1%	472	Total Population
Madelia Community Hospital & Clinic	53.1%	53.2%	350	Total Population
Olmsted Medical Center - Stewartville Clinic	53.1%	53.8%	693	Total Population
Olmsted Medical Center - Byron Clinic	53.0%	53.7%	659	Total Population
North Memorial Clinic, Silver Lake - Shoreview	53.0%	51.9%	2030	Total Population
^ Park Nicollet Clinic - St. Louis Park OBGYN	52.8%	47.9%	796	Total Population
Essentia Health St. Joseph's - Pine River Clinic	52.5%	54.7%	1161	Total Population
Essentia Health - Moorhead	52.5%	52.5%	1243	Total Population
FamilyHealth Medical Clinic - Farmington	52.5%	50.9%	566	Total Population
Riverwood McGregor Clinic	52.2%	52.2%	891	Total Population
CentraCare Family Health Center	52.2%	62.9%	991	Total Population
Clara City Clinic	52.0%	51.7%	100	Total Population
Renville County Hospital and Clinics - Hector	51.8%	50.9%	272	Total Population
Sanford Halstad Clinic	51.7%	51.4%	180	Total Population
St Luke's Clinics-Laurentian	51.7%	51.8%	60	Sample
Duluth Family Medicine Clinic	51.6%	52.4%	869	Total Population
Mayo Clinic Health System Blooming Prairie	51.4%	55.5%	107	Total Population
Mayo Clinic Health System Truman	51.3%	57.9%	39	Total Population

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Sanford Health Parkers Prairie Clinic	51.3%	50.9%	468	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - St. Anthony Village Cl.	51.1%	51.4%	233	Total Population
Winona Health - Family Medicine	51.0%	51.3%	2094	Total Population
Sanford Jackson Clinic	50.4%	49.9%	468	Total Population
Renville County Hospital and Clinics - Renville	50.4%	51.3%	357	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	50.3%	50.0%	555	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Downtown Medicine Cl.	50.2%	52.5%	4932	Total Population
Fairview Bloomington Lake Xerxes	50.2%	53.0%	564	Total Population
Hennepin Cty Medical Ctr (HCMC) Clinics - Coordinated Care Cl.	50.0%	58.5%	80	Total Population
Lakewood Health System - Pillager Clinic	49.3%	50.2%	519	Total Population
Henning Medical Clinic	48.8%	50.6%	535	Total Population
Gateway Family Health Clinic - Hinckley	48.6%	49.6%	257	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	48.6%	47.2%	819	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Ctr Cl.	48.5%	52.3%	746	Total Population
Bigfork Valley Clinic - Balsam	48.5%	53.1%	68	Total Population
Paynesville Medical Clinic	48.5%	48.3%	2249	Total Population
Fairview Riverside Primary Care Clinic	48.4%	43.7%	351	Total Population
Sanford Bagley Clinic	48.3%	47.9%	60	Sample
Mayo Clinic Health System New Prague	48.3%	48.2%	60	Sample
Essentia Health - Walker	48.3%	50.1%	371	Total Population
Paynesville Richmond Medical Clinic	48.3%	48.4%	773	Total Population
Ridgeview Delano Clinic	48.1%	48.0%	1714	Total Population
University of Minnesota Physicians - Smiley's Clinic	47.9%	55.4%	1046	Total Population
Sanford East Grand Forks Clinic	47.8%	46.7%	1491	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	47.7%	45.9%	680	Total Population
Olmsted Medical Center - Wanamingo Clinic	47.6%	47.9%	126	Total Population
Park Nicollet Clinic - Lakeville	47.6%	44.8%	250	Total Population
Multicare Associates - Roseville Medical Center	47.4%	47.4%	1092	Total Population
Ridgeview Excelsior Clinic	47.4%	46.3%	980	Total Population
Paynesville Chain of Lakes Medical Clinic	47.3%	47.2%	529	Total Population
Hennepin County Medical Center (HCMC) Clinics - Positive Care Cl.	47.2%	47.0%	458	Total Population
Altru Health System - Greenbush	47.1%	46.3%	191	Total Population
Avera Medical Group - Worthington	47.1%	46.6%	2413	Total Population
RiverView Family Practice and Integrative Medicine	47.1%	47.3%	136	Total Population
Integracare Ltd dba Williams Clinic	47.1%	47.1%	680	Total Population
Hennepin Cty Med. Ctr (HCMC) Clinics - Hennepin Ctr Senior Care	47.0%	54.5%	264	Total Population
Bigfork Valley Clinic - Marcell	46.6%	47.9%	58	Total Population
Ivanhoe Medical Center	46.4%	46.5%	153	Total Population
Riverwood Garrison Clinic	46.4%	46.5%	535	Total Population
Sleepy Eye Medical Center	46.3%	47.0%	95	Sample
Olmsted Medical Center - St. Charles Clinic	45.6%	46.4%	487	Total Population
Sebeka Medical Clinic	45.0%	46.0%	191	Total Population
Essentia Health - Menahga	45.0%	45.3%	280	Total Population
Lake Superior Community Health Center - Duluth	45.0%	66.5%	60	Sample
United Family Medicine	45.0%	47.9%	2994	Total Population
Community Memorial Hospital Specialty Physicians	44.9%	44.8%	69	Total Population
Ridgeview Howard Lake Clinic	44.7%	44.7%	499	Total Population
North Memorial Clinic - Northeast Family Physicians	44.7%	45.9%	627	Total Population
Essentia Health Fosston	44.6%	45.0%	1297	Total Population
NorthPoint Health & Wellness Center	44.3%	53.3%	2458	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	44.1%	40.8%	2037	Total Population
^ RiverView Clinic Fertile	43.3%	43.6%	120	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
CentraCare Health-Monticello Medical Group	43.3%	42.7%	578	Total Population
Lake Benton Medical Clinic - Avera	43.2%	45.8%	44	Total Population
Murray County Clinic - Fulda	42.9%	45.6%	105	Sample
^ University of Minnesota Physicians - Women's Health Specialists	42.8%	42.8%	883	Total Population
Essentia Health St. Mary's	41.2%	42.7%	85	Total Population
Scenic Rivers Health Services - Cook	40.9%	41.0%	912	Total Population
Bertha Medical Clinic	40.9%	41.3%	142	Total Population
Clarkfield Clinic	40.4%	42.0%	47	Total Population
University of Minnesota Physicians - Phalen Clinic	40.2%	42.7%	972	Total Population
Range Regional Hlth Services dba Fairview Mesaba Cl. - Mt. Iron	40.0%	41.9%	60	Sample
Synergy Family Physicians, P.A.	39.9%	39.5%	243	Total Population
Allina Health System - ANW General Medicine Associates - Mpls	39.3%	40.7%	145	Total Population
Paynesville Eastside Medical Clinic	38.7%	39.0%	222	Total Population
Ridgeview Winsted Clinic	38.6%	38.7%	471	Total Population
Community-University Health Care Center	38.6%	49.8%	70	Sample
Life Medical	38.3%	39.6%	60	Sample
Hennepin Cty Med. Ctr (HCMC) Clinics - Senior Care Cl. Augustana	37.3%	56.0%	67	Total Population
Ridgeview Chaska Clinic - Internal Medicine	35.3%	34.7%	156	Total Population
Hennepin Cty Medical Center (HCMC) Clinics - Brooklyn Park Cl.	34.6%	37.2%	413	Total Population
Essentia Health - Park Rapids	34.1%	33.4%	3277	Total Population
Kittson Memorial Clinic - Hallock	33.7%	33.5%	659	Total Population
North Valley Health Center	33.3%	33.7%	60	Sample
Mayo Clinic Health System Trimont	32.7%	34.6%	49	Total Population
New Hope Crystal Medical Clinic	31.7%	32.2%	60	Sample
University of Minnesota Physicians - Bethesda Clinic	30.7%	36.7%	1153	Total Population
Neighborhood Healthsource - Fremont Clinic	29.2%	33.7%	561	Total Population
Murray County Clinic	28.2%	28.0%	369	Sample
University of Minnesota Physicians - Broadway Family Medicine	27.7%	31.1%	829	Total Population
Neighborhood Healthsource - Sheridan	27.5%	28.8%	182	Total Population
Indian Health Board of Minneapolis	26.8%	30.9%	366	Total Population
Scenic Rivers Health Services - Floodwood	25.8%	27.2%	151	Total Population
Native American Community Clinic	25.0%	30.8%	60	Sample
^ Hennepin Cty Medical Center (HCMC) Clinics - HCMC OB/GYN Cl.	24.7%	25.3%	85	Total Population
RiverView Clinic East Grand Forks	24.7%	26.0%	77	Total Population
West Side Community Health Services - East Side Family Clinic	23.7%	31.8%	1135	Total Population
Neighborhood Healthsource-Central Clinic	23.4%	31.6%	551	Total Population
Neighborhood Health Source - Heritage Senior Clinic	23.2%	41.8%	56	Total Population
Advanced Medical Clinic, Inc.	23.1%	49.8%	65	Total Population
St. Mary's Innovis Health - Mahnomon	23.0%	23.6%	113	Total Population
Southside Medical Clinic	20.5%	24.6%	582	Total Population
Open Door Health Center	19.1%	17.6%	220	Total Population
Bluestone Physician Services	17.7%	23.8%	493	Total Population
Kittson Memorial Clinic - Karlstad	15.1%	15.6%	338	Total Population
Prairie Ridge Hospital & Health Services - Morris	14.6%	14.4%	978	Total Population
West Side Community Health Services - La Clinica	14.5%	21.6%	1548	Total Population
Prairie Ridge Hospital & Health Services - Hoffman	11.6%	11.9%	43	Total Population
St. Croix Family Medical Clinic	9.0%	13.0%	144	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	8.0%	8.2%	462	Total Population
West Side Community Health Services - McDonough Homes Clinic	6.5%	10.6%	307	Total Population
Prairie Ridge Hospital & Health Services - Ashby	6.3%	5.4%	48	Total Population
Cedar Riverside People's Center - People's Center Medical Clinic	2.3%	3.8%	1326	Total Population

^ OB/GYN

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## Appendix 1: Data Sources and Data Collection

### *Care That is Proven to Work*

#### Administrative and Hybrid Measures

Data for the administrative and hybrid measures originated from health plan administrative claims databases. The hybrid measures use claims and are supplemented by medical record review. The measures follow the Healthcare Effectiveness Data and Information Set (HEDIS) 2013 Technical Specifications (2012 dates of service). HEDIS is produced and maintained by the National Committee for Quality Assurance (NCQA). The technical specifications provided detailed steps and instructions to ensure that the submitted data met rigorous standards.

The data elements were collected by the health plans using the HEDIS technical specifications that followed the annual HEDIS calendar. In addition, each health plan's data were subjected to extensive validation processes to ensure quality measures followed the standards described in Volume 5, HEDIS Compliance Audit®: Standards, Policies and Procedures. All health plan data were audited by an NCQA-certified HEDIS auditor.

MNCM developed a data structure document with detailed steps and instructions to ensure that health plan data was submitted in a consistent way. In 2013, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Itasca Medical Care, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), and UCare – submitted data to MNMCM for these measures. The submitted health plan data reflected patients enrolled in managed care programs.

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

Once these file validation checks were finalized, the data files from all 10 health plans were aggregated to create a comprehensive data file of results by medical group. The aggregated data file was then checked for accurate record counts and preliminary MNMCM rates were calculated. The preliminary rates were carefully reviewed by MNMCM staff and the data aggregation vendor. Particular attention was paid to notable changes from previous years at the statewide and medical group levels. After these checks were finalized, preliminary rates were compiled into this report and sent to medical groups for review and comment. Any data concerns identified were reviewed to determine if the issues were related to the submitted data.

*(continued)*

## Appendix 1: Data Sources and Data Collection

### Direct Data Submission Measures

The data source for clinic results was the clinic itself. All data elements were specified by MNCM in our *2012 Direct Data Submission Guides*. These guides provided detailed steps and instructions to ensure that clinics submitted data in a standard format.

Data for the direct data submission measures were reported at two levels: by clinic site and medical group. Clinics are defined as single sites where patients receive care. Medical groups usually consist of multiple clinic sites. Often, the medical group provides centralized administrative functions for several clinic sites.

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

Clinic abstractors collected data from medical records either by 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 completed numerous quality checks before data was submitted to MNCM. All appropriate HIPAA requirements are followed.

Medical groups/clinics submitted the required data elements directly through the data portal. This process is referred to as MNCM Direct Data Submission (DDS). Once data were submitted, an extensive validation process was followed that included quality checks of all files and on-site audits for selected clinics. 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](http://www.ncqa.org). Audits were conducted by MNCM staff and/or contracted auditors who were independent of medical groups and/or clinics. Validation is important to ensure that the data are reliable, complete and consistent.

## 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 contain 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 (IQI), the discharge data is used 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 MN 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 MN Community Measurement by the Minnesota Hospital Association.

## Appendix 2: Methodology

### *Care That is Proven to Work*

#### Measures reported

Three types of measures were reported at the medical group level: measures that used an administrative data only method; measures that used a hybrid method (administrative claims data plus medical record review); and measures that used data submitted directly to MNMCM by medical groups and clinics from electronic health records or paper-based medical charts.

The following measures used the hybrid method:

- Controlling High Blood Pressure
- Childhood Immunization Status - Combo 3
- Immunizations for Adolescents

The following measures used the administrative method:

- Use of Spirometry Testing in the Assessment and Diagnosis of COPD
- Follow-Up Care for Children Prescribed ADHD Medication
- Appropriate Treatment for Children with Upper Respiratory Infection
- Appropriate Testing for Children with Pharyngitis
- Avoidance of Antibiotics in the Treatment of Adult Bronchitis
- Breast Cancer Screening
- Cervical Cancer Screening
- Chlamydia Screening in Women

The following measures used data submitted directly to MNMCM by medical groups and clinics (DDS):

- Optimal Diabetes Care
- Optimal Vascular Care
- Depression Remission at Six Months with Response Rate
- Depression Remission at Twelve Months with Response Rate
- Optimal Asthma Care
- Colorectal Cancer Screening

Each year, these measure specifications are reviewed against current evidence-based guidelines. Measurement specifications for medical group level results were calculated using NCQA's 2013 HEDIS Technical Specifications. Measurement specifications for clinic level results were calculated by MNMCM's Data Portal using MNMCM's 2013 DDS Guide and Technical Specifications.

#### Eligible Population Specifications

The eligible populations for the administrative and hybrid measures were identified by each participating health plan using its respective administrative databases. NCQA's 2013 HEDIS Technical Specifications provided the standard definitions for the eligible population for each measure, which included data elements such as age, continuous enrollment, and anchor date requirements. For administrative measures, the entire eligible population was the denominator. For hybrid measures, the eligible population served as the sampling frame from which to draw the number of patients for chart audit and the reference for weighting. The eligible populations for the measures reported directly to MNMCM by medical groups and clinics were identified by a medical group on behalf of their individual clinics. MNMCM's 2013 DDS guide and technical specifications provided the standard definitions for the eligible population for each measure, which included elements such as age, appropriate diagnosis codes, number of visits needed in the measurement timeframe.

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## Appendix 2: Methodology

### Patient Attribution to Medical Groups/Clinics

Health plans assigned patients to a medical group using a standard medical group definition based on tax identification numbers (TIN). Administrative billing codes determined the frequency of patient visits to medical groups. For most measures, patients were assigned to the medical group they visited most frequently during the measurement year. Patients who visited two or more medical groups with the same frequency were attributed to a medical group visited most recently in the measurement year. For three measures – Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Children with Upper Respiratory Infection, and Avoidance of Antibiotics in the Treatment of Adult Bronchitis – patients were assigned to the clinic they visited for the specific service. For one measure – Follow-Up Care for Children Prescribed ADHD Medication – patients were assigned to the provider who prescribed the medication and then to the medical group where that provider practices.

In order to submit data at the clinic level for the DDS measures, medical groups attributed each patient to a single clinic within their medical group. Each medical group's patient attribution method is defined by the medical group and is then reviewed by MNMCM as part of the denominator certification process. Most patients are attributed to an assigned primary care provider. Some patients are attributed to a provider who saw the patient most often in the measurement year or most recently in the measurement year.

### Sampling

#### **For Hybrid Measures**

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

MNCM used a two-stage, random sampling process for the hybrid measures. This strategy was designed with statisticians to ensure reporting for the maximum number of medical groups while minimizing the impact of weighting on the results for any one medical group. The sampling procedure started with the health plans providing a data file containing a record for each eligible patient for each hybrid measure. This file also identified eligible patients that had been selected for the annual HEDIS sample. Additional patients were then selected from the remaining eligible population to meet MNMCM minimum reporting requirements.

#### **For Measures Collected by Direct Data Submission**

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 2013 DDS guide and technical specifications described accepted methods to select a systematic sample. This step is reviewed by MNMCM as part of the denominator certification process.

### Numerator Specifications

For administrative measures, the numerator was the number of patients from the eligible population who met numerator targets. For hybrid measures, the numerator was the number of patients from the sample who met numerator targets. For DDS measures, the numerator was the number of patients identified from either the eligible population or the sample who meet the numerator targets. The targets are specified by MNMCM in the DDS guide and technical specifications and compliance with these specifications is audited.

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## Appendix 2: Methodology

### Weighting

#### **For Hybrid Measures**

Because data for the hybrid measures were taken from a sample, results were weighted to obtain accurate rates. This allowed for aggregation and unbiased reporting by medical group. Weighting was a cost-saving measure that enabled MNMCM to draw a sample on which to estimate medical group and statewide rates. Weighting was applied to efficiently utilize health plan resources for data collection on a randomly sampled population. Weights were calculated for each sampling stratum (i.e., health plan/health plan product/medical group). A weight was equal to the total eligible population for that stratum divided by the total sample size. In calculating rates for a population – medical group or statewide – the denominator was the sum of the weights for all patients in that population, and the numerator was the sum of the weights for patients in the population who met the numerator targets.

#### **For Measures Collected by Direct Data Submission (DDS)**

Data for the DDS measures could be sampled. For clinics that elected to submit a sample from their total population, results were weighted to account for the total population.

### Calculating Rates

#### **For Administrative and Hybrid Measures**

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

#### **For Measures Collected by Direct Data Submission (DDS)**

DDS Measures were reported at a clinic level and rates were expressed as percentages. 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 from their total population, the rates calculated for the measures required 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 submitted a full population or a sample. Clinic-level rates are first calculated for each clinic and then a clinic rate average is calculated. The clinic average rate is displayed when comparing a single clinic to the performance of all clinics to provide context.

*(continued)*

## Appendix 2: Methodology

### Limitations

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

Data used to calculate rates for administrative and hybrid measures reflected patients insured through 10 health plans. Medical groups with patients who were insured through other health plans, who were uninsured, who self-pay, or who were served by a Medicaid/Medicare fee-for-service program were not reflected in these results. Therefore, the data for these measures did not necessarily represent a medical group's entire patient population. In addition, 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.

## Appendix 2: Methodology

### Data Analyses

#### Identifying High Performing Medical Groups/Clinics

For each measure, both individual medical group rates and a medical group average rate were calculated. Medical groups that achieved high performance were identified by comparing the individual medical group/clinic rate with the medical group average. Medical groups that had rates that were fully above the medical group average and 95 percent confidence intervals were noted as high performers. These high performers were highlighted in the results by measure section for each measure. The performance rates for all medical groups were presented in descending order. The same methods were applied at the clinic-level for Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Depression Remission at 12 Months, Optimal Asthma Care, and Colorectal Cancer Screening.

#### Identifying Medical Groups and Clinics with Biggest Improvements

For each measure, individual medical group and clinic rates during report year 2013 were compared with their rates during report year 2012, calculating an absolute percentage point difference. Medical groups and clinics with the largest percentage point increases were identified.

#### Medical Group and Clinic Performance Over Time (Three Years)

This analysis was done to determine patterns of medical group and clinic performance over time per measure. Patterns were reviewed for the three reporting years (2011, 2012 and 2013). See "Medical Group Performance Over Time (2011-2013)" in the results by measure section for those measures where three years of data was available.

Patterns in rate changes over the three reporting years 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 improved: Medical groups with more than a two percentage point increase between each consecutive year.
- Relatively stable: Medical groups that had no more than a two percentage point increase or decrease between each consecutive year (-2 percent – +2 percent).
- Consistently decreased: Medical groups with more than a two percentage point decrease between each consecutive year.
- Variable performance (with an improvement or with a decline): Medical groups with an up/down pattern that was not consistent and did not fall into one of the other categories.

## Appendix 2: Methodology

### *Care That is Responsive to a Patient's Needs and Preferences*

The Patient Experience of Care Survey was required for all clinics who saw at least 715 unique adult patients for a face-to-face visit during the period of September 1, 2011 – November 30, 2011. Exclusions were pediatric/adolescent-only practices or psychiatry. The number of clinics participating in the survey was 717 sites in Minnesota and surrounding states (WI, ND).

The survey used in 2012 was the Clinic and Group - Consumer Assessment of Healthcare Providers and Systems® (CG-CAHPS) Visit survey. Clinics contracted with a certified-CAHPS survey vendor to distribute the survey on their behalf.

Patient visits from September 1, 2011 – November 30, 2011 were used to select a random sample of adult patients, 18 and older, to receive the survey.

MN Community Measurement (MNCM) conducted extensive validation with both the clinics and survey vendors. Clinics submitted documentation to MNCM on their visit selection process, providing screen shots of the relevant field criteria.

Survey vendors submitted draft survey documents and test files for each client to assure random file selection. All components had to be approved before surveying could begin.

Final data files were uploaded to MNCM's data portal in first quarter 2013 and field validation checks were done to ensure correct file format.

Data analysis using the national standard CAHPS program produced four composite domain scores: Access to Care, Provider Communication, Courteous and Helpful Office Staff, and a Provider Rating. All data that was publicly reported met minimum reliability thresholds for reporting (at 0.7 reliability score). Of the 717 clinics that participated in the survey, 661 had reportable results. All individual clinic Patient Experience scores are reported on [www.mnhealthscores.org](http://www.mnhealthscores.org).

## Appendix 2: Methodology

### *Care That is Proven to Work*

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

#### Health Information Technology (HIT) Survey

MNCM initially developed the Health Information Technology (HIT) Ambulatory Clinic Survey in 2009 using input from a multi-stakeholder workgroup. Goals of the survey development was to assess HIT adoption and use in Minnesota in a format that could be used by multiple organizations; and assess the use and application of these technologies and how they might affect 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 remained relatively constant until this year. Late in 2012, MNCM reconvened the stakeholder workgroup to review the current survey and make necessary changes to better align with Meaningful Use Stage 2. The workgroup consisted of a balanced representation of clinical staff, health plans, HIT content experts, and state agencies (MDH, DHS).

The survey continues as an on-line instrument and email invitations with a unique web link were sent to all MNCM registered clinics on February 15, 2013. The survey remained open for 30 days. Medical groups with multiple clinic sites that had the same technology systems and identical processes of care, were allowed to request duplication of a set of survey responses across clinic locations and therefore, improve the efficiency of responding for their clinic sites.

Reminder emails were distributed to non-responders midway through the open period, and one week before close. In total, 1,698 clinic sites received the email invitation to the HIT Survey in Minnesota and bordering states. Of these, 1,364 responded for a final response rate of 83 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 patient 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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