



# 2012 Health Care Quality Report

Compare Clinic, Medical Group and Hospital Performance



To download the report and find more information visit: [mncm.org](http://mncm.org)  
Searchable results are available at our consumer-friendly website: [MNHealthScores.org](http://MNHealthScores.org)





December 2012

The data in this Health Care Quality Report drive improvement, empowerment, and most of all, change in our health care system in Minnesota. Here are just a few examples:

**Improvement:** This data is used by providers, health care systems and health plans in Minnesota and beyond to measure results and track quality improvement in care. Pay-for-performance programs such as Bridges to Excellence encourage better quality care by recognizing improvement, and a recent MN Community Measurement survey showed that more medical groups are using this report and referring to the data more frequently.

**Empowerment:** Health care consumers are an important audience as well, which is why we publicly report this information on [www.MNHealthScores.org](http://www.MNHealthScores.org). A number of large Minnesota employers link their employees to our data to help them make the most of open enrollment, and this year marks the first time our data is available to employers using Castlight Health's health management suite. Also new this year, we partnered with Consumer Reports magazine to publish a 32-page insert in the October edition. Consumer Reports used our data to rate 552 area clinics on how well they help patients achieve optimal diabetes and vascular care, and approximately 80,000 readers had the chance to put that data to work.

**Change:** Measurement data can drive, support and direct change in certifications and research. For example, the Minnesota Department of Health will be using MNCM reports as part of ongoing Health Care Home recertification. And, HealthPartners Research Foundation, along with the University of Minnesota, are using it for research that may in turn drive further change in the health care system.

What's next? Approximately 765 clinics are surveying and reporting results to MNCM in early 2013 on patient experience of care this year, with results appearing in next year's report. Many community stakeholders are hard at work defining and developing a bridge to move Minnesota's health care discussions from being about volume to value. Expect to see more about cost of care in the future.

We thank all of our stakeholders, including providers and health plans, employers and consumers, and community partner organizations, for supporting our mission. And if you aren't already doing so, we encourage you to go ahead and put our data to work for you.

Beth Averbeck, MD, Board Chair

Jim Chase, President



# MN Community Measurement 2012 Health Care Quality Report

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# Table of Contents

I.	INTRODUCTION.....	4
II.	EXECUTIVE SUMMARY.....	6
III.	CHANGES IN THE 2012 REPORT.....	7
IV.	MEASURES.....	8
V.	RESULTS BY MEASURE.....	11

## Care That is Proven to Work

### “Living with Illness” Measures

▪ Optimal Diabetes Care.....	12
<i>Medical group profile: Neighborhood Healthsource.....</i>	31
▪ Optimal Vascular Care.....	32
▪ Controlling High Blood Pressure.....	48
▪ Optimal Asthma Care Ages 5-17 and Ages 18-50.....	54
▪ Use of Spirometry Testing in the Assessment and Diagnosis of COPD.....	80
▪ Follow-Up Care for Children Prescribed ADHD Medication.....	84

### “Getting Better” Measures

▪ Depression Remission and Response at Six Months.....	88
▪ Depression Remission and Response at 12 Months.....	104
<i>Clinic profile: Mayo Family Clinic Northeast.....</i>	114
▪ Appropriate Treatment for Children with Upper Respiratory Infection.....	118
▪ Appropriate Testing for Children with Pharyngitis.....	124
▪ Avoidance of Antibiotics in the Treatment of Adult Bronchitis.....	130

### “Staying Healthy” Measures

▪ Breast Cancer Screening.....	136
▪ Cervical Cancer Screening.....	144
▪ Colorectal Cancer Screening.....	152
<i>Clinic profile: Allina Medical Clinic - Buffalo.....</i>	170
▪ Chlamydia Screening in Women.....	176
▪ Childhood Immunization Status- Combo 3.....	182
▪ Immunizations for Adolescents.....	188

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

▪ Maternity Care: Primary C-Section Rate.....	192
▪ Health Information Technology (HIT) Survey Measures.....	202
▪ Hospital Measures.....	204
▪ Ambulatory Surgical Center Measures .....	207

VI.	SUMMARY OF STATEWIDE CLINICAL RESULTS BY MEASURE.....	208
VII.	HIGHEST PERFORMERS BY MEDICAL GROUP TYPE FOR CLINICAL MEASURES IN 2012.....	210
VII.	MEDICAL GROUP PERFORMANCE VARIATION PER CLINICAL MEASURE IN 2012.....	213
	<i>Medical group profile: HealthPartners.....</i>	<i>214</i>
VIII.	FUTURE PLANS.....	215
IX.	ACKNOWLEDGEMENTS.....	217
X.	LIST OF MEDICAL GROUPS AND HOSPITALS REPORTED.....	218
XI.	SUMMARY OF RISK ADJUSTMENT RESULTS BY MEASURE.....	222
XII.	APPENDICES.....	274
	a. Appendix 1: Data Sources and Data Collection.....	274
	b. Appendix 2: Methodology.....	277

## Introduction

The MN Community Measurement *2012 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 ninth 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 compass 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 nearly 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 five additional clinical measures: Optimal Vascular Care, Depression Remission at 6 and 12 Months, Optimal Asthma Care, Colorectal Cancer Screening and, most recently, the Maternity Care: Primary C-Section rate.

In this year's report there are several stories from high-performing clinics that offer insights into how staff attain high performance and the processes they employ to care for patients. Our goal in sharing these stories is to disseminate what works well and spread the knowledge so others can learn and we can drive improvement more quickly.

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 ninth 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 21 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 Diabetes Care– statewide, the rate increased from 37 percent in 2011 to 38 percent in 2012, translating into over 2,100 more diabetic patients who are optimally managed.
  - o Follow-up Care for Children Prescribed ADHD Medication– the statewide rate increased from 38 percent in 2011 to 41 percent in 2012, translating into 145 more children who were 1) prescribed an ADHD medication, and 2) seen for a face-to-face follow-up visit.
- Two clinical measures that focus on “getting better” showed noticeable improvement:
  - o Depression Remission at Six Months– statewide, the rate increased from 5 percent in 2011 to 6 percent in 2012, translating into 735 more patients with depression who are in remission at six months.
  - o Depression Response at Six Months– statewide, the rate increased from 9 percent in 2011 to 11 percent in 2012, translating into 955 more patients with depression whose PHQ-9 score at six months decreased by at least 50%.
- Two clinical measures on preventive care showed noticeable improvement:
  - o Colorectal Cancer Screening– statewide, the rate increased from 64 percent in 2011 to 68 percent in 2012, translating into almost 41,000 more patients appropriately screened.
  - o Childhood Immunization Status– statewide, the rate increased from 71 percent in 2011 to 78 percent in 2012, translating into over 1,600 more children up to date with the vaccinations included in Combination 3.
- 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 Optimal Asthma Care - children ages 5-17 and Optimal Asthma Care - adults ages 18-50 measures. The 2012 statewide rate for each of these measures significantly increased. Similar to the implementation of the PHQ-9 tool for the depression measures, the increase is likely due to many more clinics implementing a valid asthma control tool.
- One new clinical Health Effectiveness Data Information Set (HEDIS) measure was reported this year: Immunizations for Adolescents.
- One new clinical measure was collected and submitted using MNCM's Direct Data Submission process - Maternity Care: Primary C-Section Rate. The 2012 statewide rate is 26 percent, meaning that 26 percent of deliveries were performed by cesarean section. The results for this measure show variation.
- This report also includes a section displaying risk-adjusted rates compared to MNCM-reported unadjusted rates for six measures required in the Statewide Quality Reporting and Measurement System: Optimal Diabetes Care, Optimal Vascular Care, Depression Remission at Six Months, Optimal Asthma Care, Colorectal Cancer Screening, and Maternity Care: Primary C-Section Rate.

*continued*

# Executive Summary

## Health Information Technology measure:

- 1, 247 clinics in Minnesota and bordering states responded to the *2012 Health Information Technology (HIT) Ambulatory Clinic Survey*. The 2012 response rate was 83 percent, compared to 82 percent in 2011 and 87 percent in 2010.
- 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.
- 75 percent of clinics have an EHR installed and have it in use in all areas of their clinics. This shows growing spread of EHRs across and within clinics; in 2011, only 68 percent of clinics met this threshold, and in 2010 it was 62 percent.
- The *HIT Survey* will be fielded again in 2012. MNCM 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 incorporate Meaningful Use Stage 2 guidelines.

## Hospital measures:

- A listing and description of hospital measures developed by the Agency for Healthcare Research and Quality (AHRQ) and Centers for Medicare and Medicaid Services (CMS) hospital measures and can be found on pages X.
- Results for AHRQ, CMS, and H-CAHPS hospital measures can be found at [www.mnhealthscores.org](http://www.mnhealthscores.org).

## Changes in the 2012 Report

### Measurement Changes

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

- Revised the blood pressure target for Optimal Vascular Care from <140/90 mmHg for patients with a co-morbidity of diabetes to <140/90 mmHg for all patients to coincide with guideline changes.

### Report Changes

This annual report includes:

- Reporting on two new clinical measures:
  - o Maternity Care: Primary C-Section Rate
  - o Immunizations for Adolescents



# Measures

The measures in this 2012 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

Report Year	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Medical Group Level Reporting</b> (Data Source: Health Plans)									
Appropriate Testing for Children with Pharyngitis			X	X	X	X	X	X	X
Appropriate Treatment for Children with Upper Respiratory Infection			X	X	X	X	X	X	X
Avoidance of Antibiotics in the Treatment of Adult Bronchitis					X	X	X	X	X
Childhood Immunization Status - Combo 3	X*	X*	X	X	X	X	X	X	X
Immunizations for Adolescents	X	X							X
Well Child Visits	X	X	X						
Use of Appropriate Medications for People with Asthma (Ages 5-50)	X&	X&	X&	X&	X&	X&	X		
Breast Cancer Screening (Ages 52-69)	X	X	X	X	X	X	X	X	X
Cervical Cancer Screening (Ages 24-64)	X	X	X	X	X	X	X	X	X
Colorectal Cancer Screening (Ages 51-75)			X~	X~	X~	X~	X		
Cancer Screening Combined (Breast, Cervical, Colorectal) (Ages 51-75)			X~	X~	X~	X~	X		
Chlamydia Screening in Women (Ages 16-24)	X**	X**	X**	X**	X**	X	X	X	X
Controlling High Blood Pressure <140/90 mmHg)	X***	X***	X***	X	X	X	X	X	X
Optimal Diabetes Care	X^#	X^#	X^#	X^#	X^#	X^#			
Optimal Vascular Care					X	X			
Depression Treatment- Acute Phase Medication Management	X	X	X						
Depression Treatment- Continuous Phase Medical Management	X	X	X						
Use of Spirometry Testing in the Assessment and Diagnosis COPD							X		
Follow-up Care for Children Prescribed ADHD Medication								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>Clinic Level Reporting</b> (Data Source: Medical Groups)									
Optimal Diabetes Care				X#	X#	X#	X^^	X	X
Optimal Coronary Artery Disease (CAD) Care				X					
Optimal Vascular Care					X	X	X"	X'	X
Depression Remission at 6 Months						X	X	X	X
Depression Response at 6 Months								X	X
Depression Remission at 12 Months							X	X	X
Depression Response at 12 Months								X	X
Optimal Asthma Care - Ages 5-17 and Ages 18-50								X	X
Colorectal Cancer Screening								X	X
Maternity Care: Primary C-Section Rate									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>Other Types of Measures</b>									
Patient Experience of Care (CG-CAHPS Visit Survey)						X		X	
Health Information Technology (HIT)						X	X	X	X
Hospital						X<	X	X	X
Payment for Procedure						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 we reported AHRQ measures only; in 2010 and 2011 we reported AHRQ and CMS hospital measures

## Measures

This year's *2012 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 *2012 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, Colorectal Cancer Screening, and Maternity Care - Primary C-Section Rate.

The medical group level 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 MNCM to track the performance of medical groups.

See the Methods appendix (page 272) 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, 2011 - December 31, 2011 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 five 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).

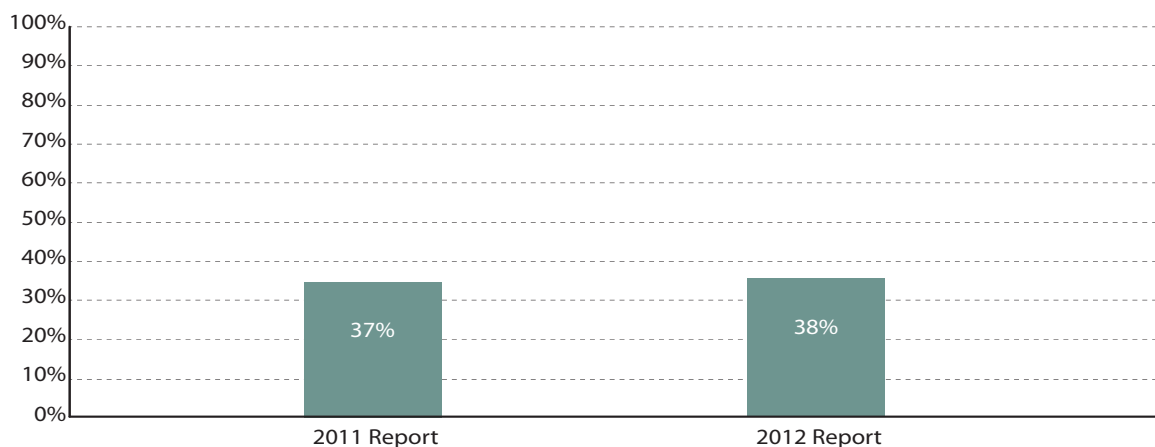
*Credit is given for achieving this composite rate when all five measure components are met. Data for this measure are submitted directly to MNCM by medical groups/clinics from electronic health records or paper-based medical charts.*

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**

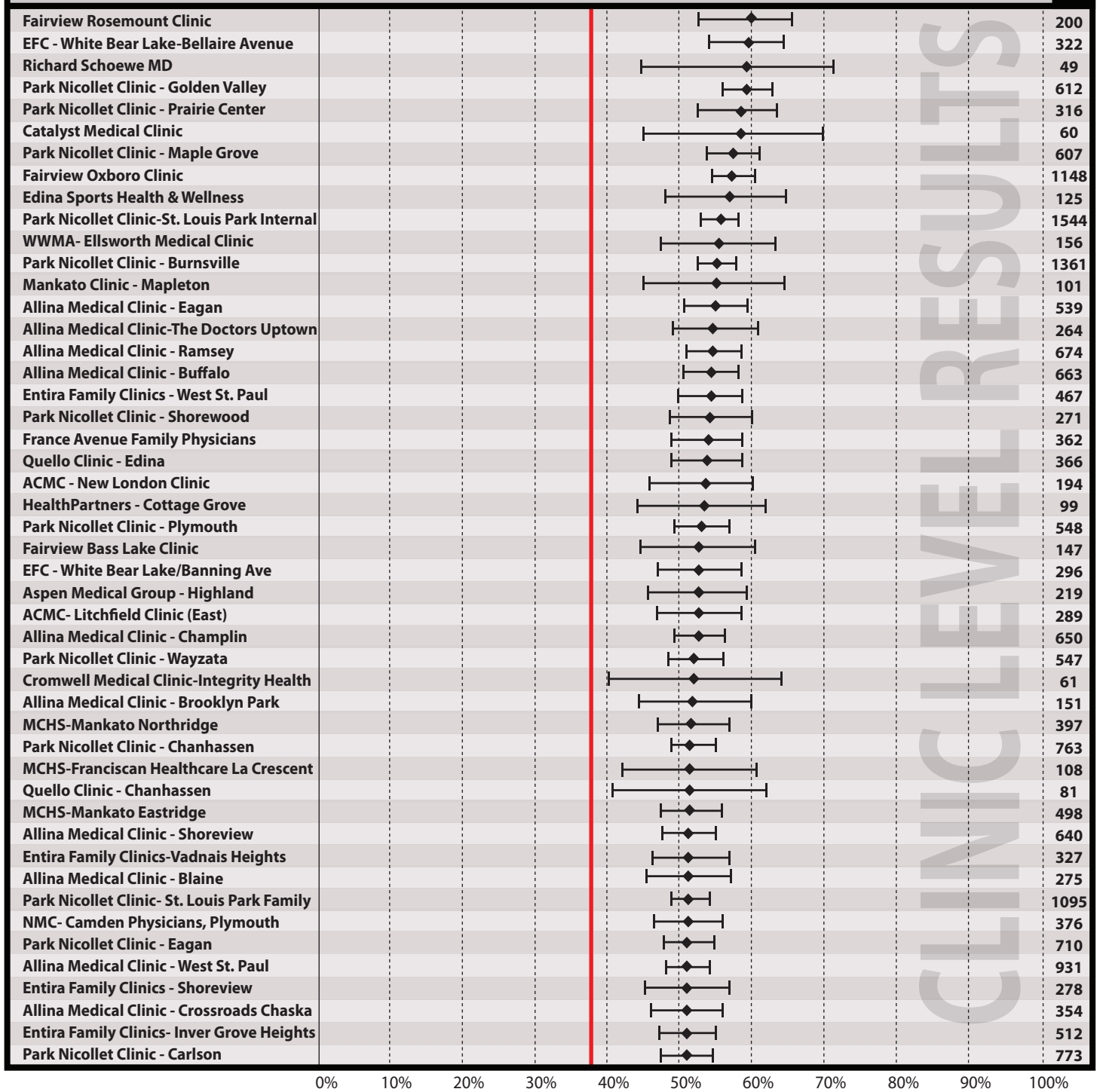
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Diabetes Care	38.2%	37.9%-38.4%	73,037	184,234	212,077

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



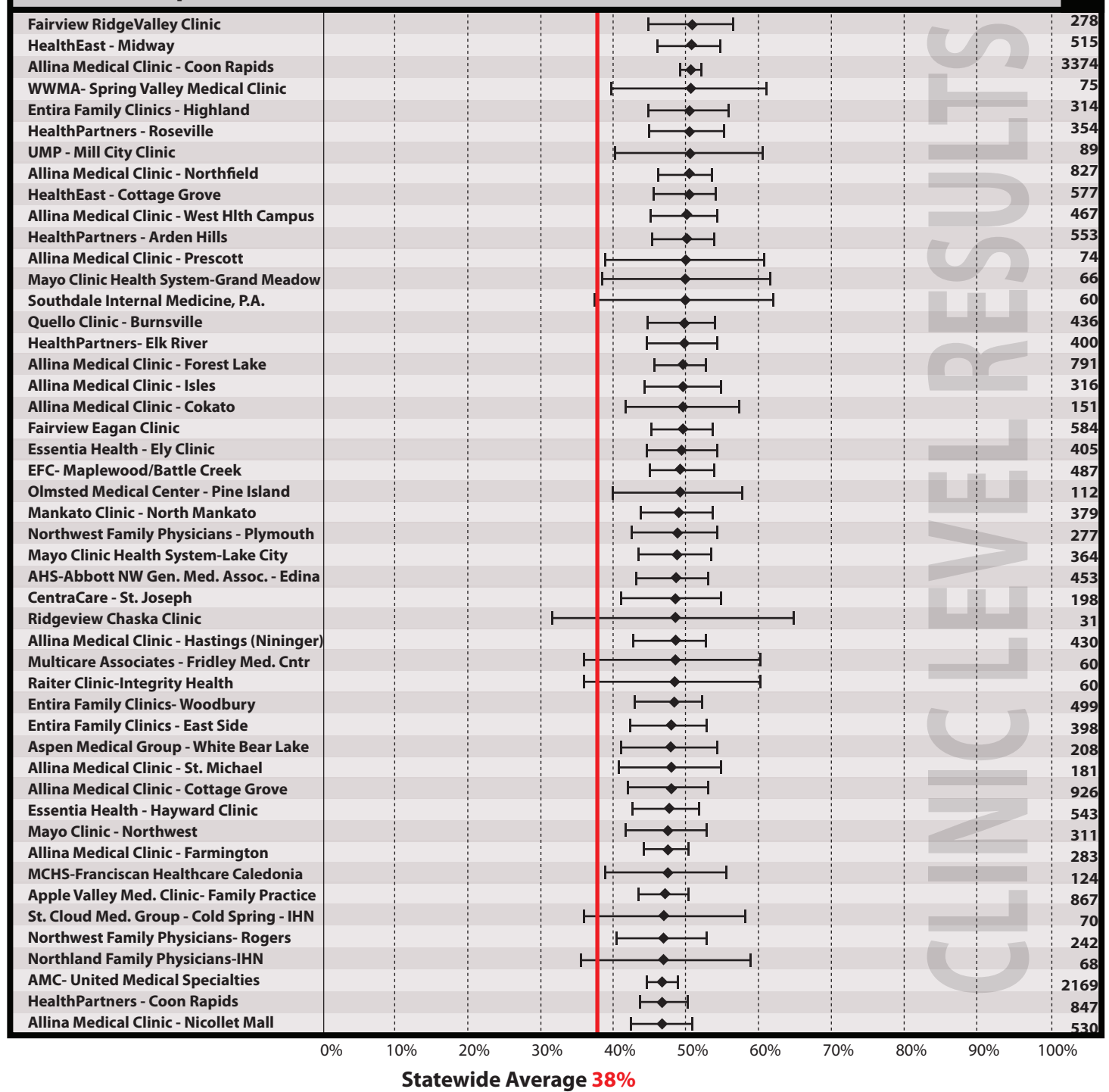
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



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

**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

ACMC - Affiliated Community Medical Centers

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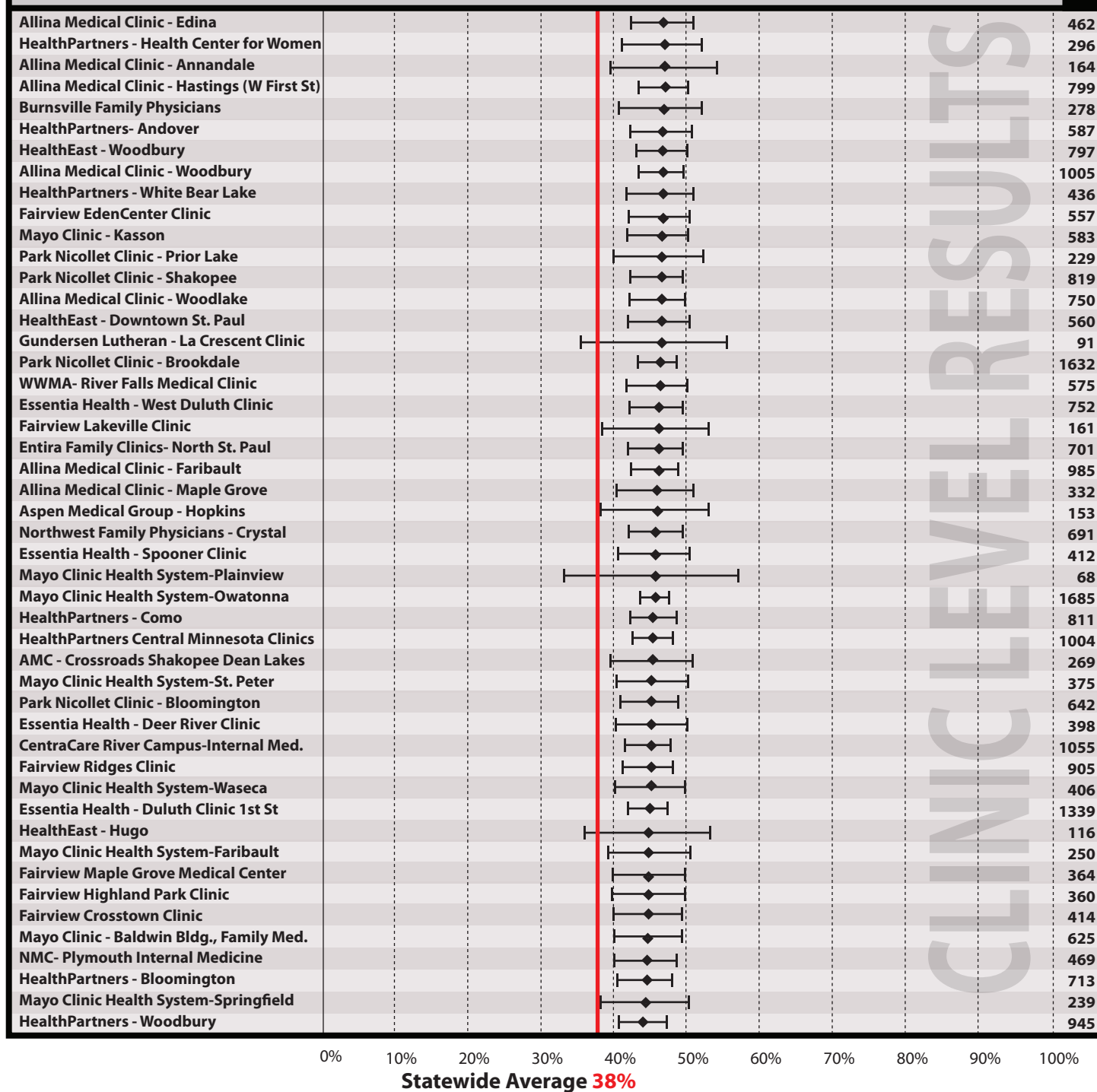
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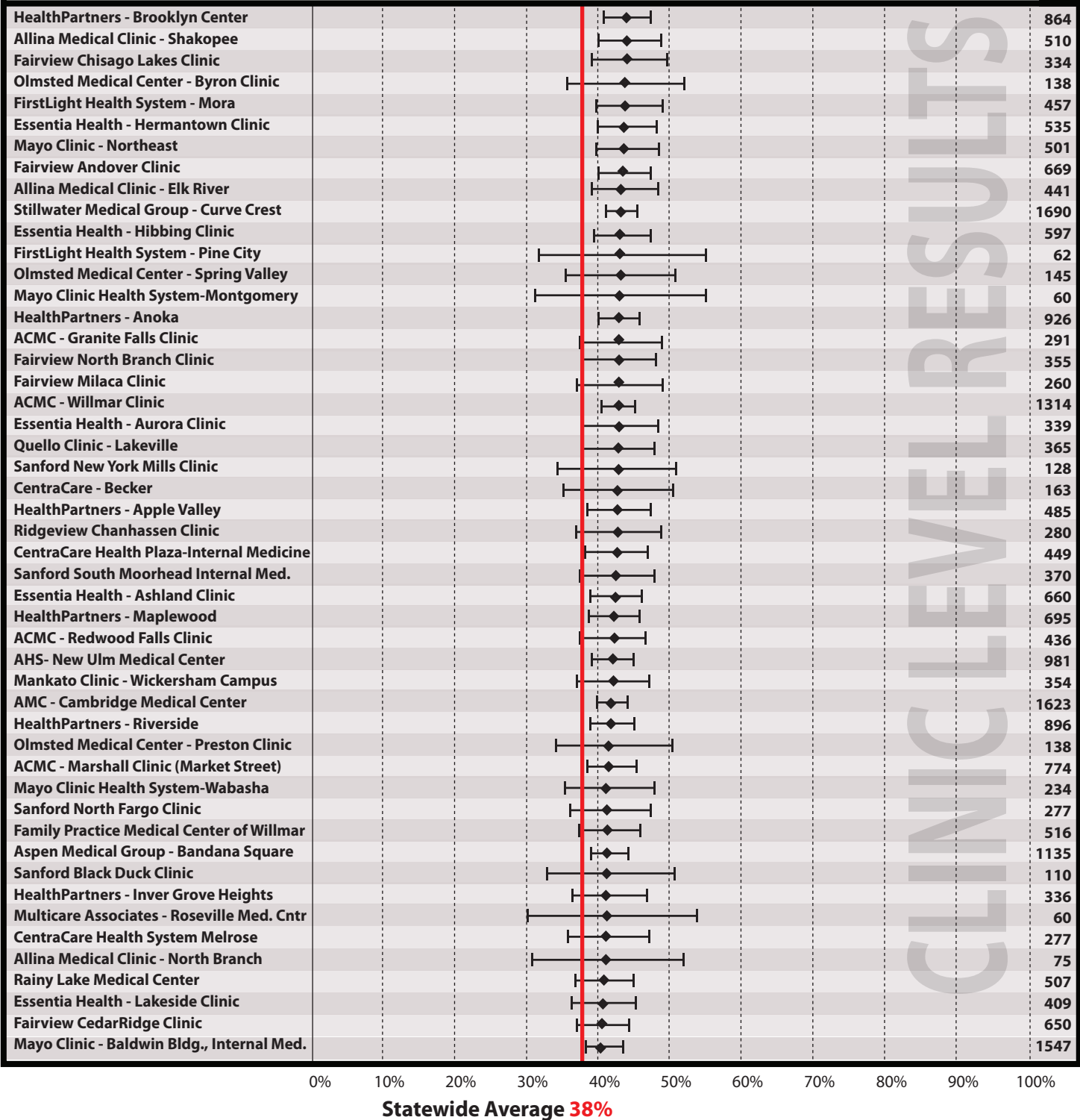
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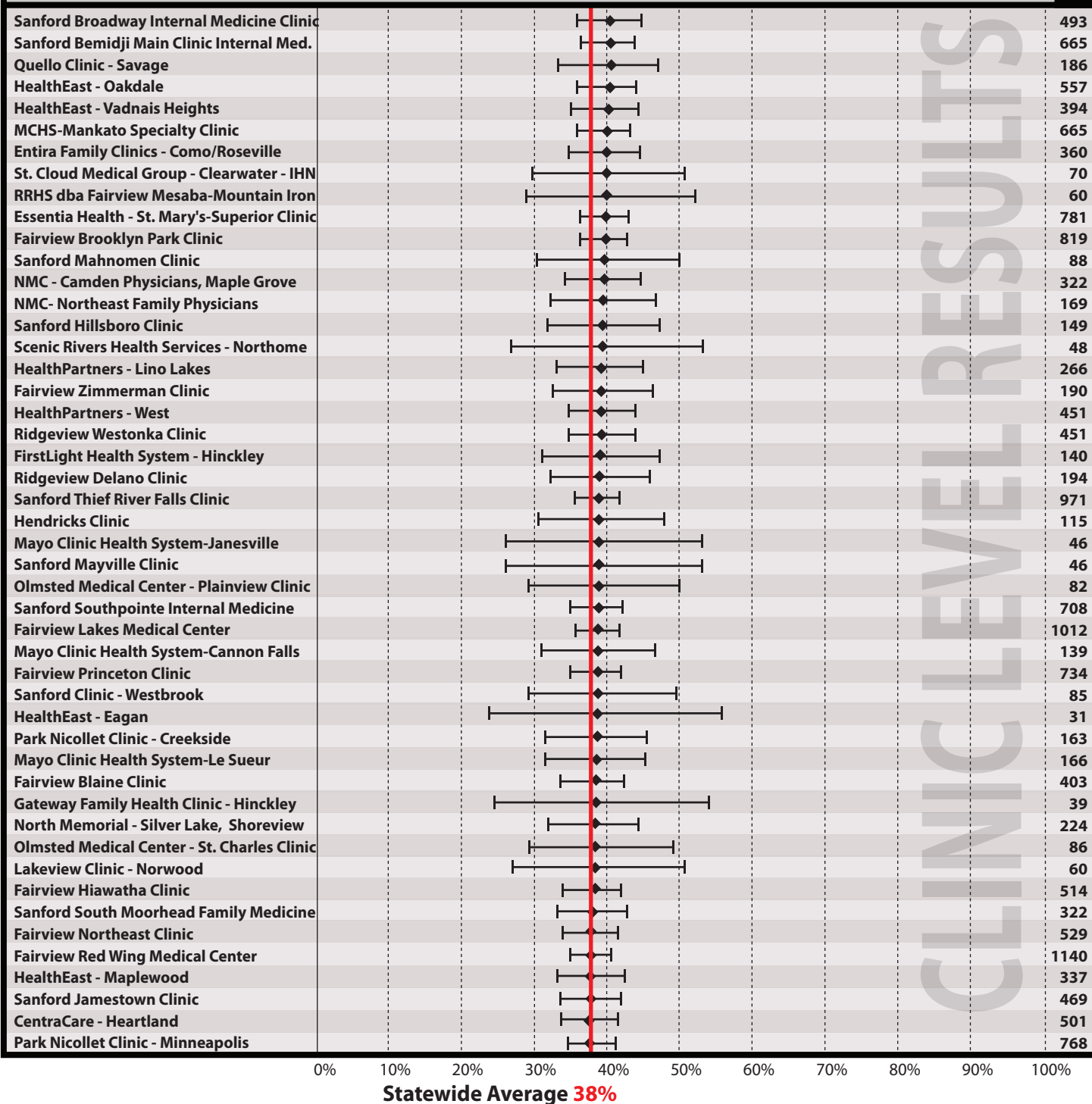
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**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

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

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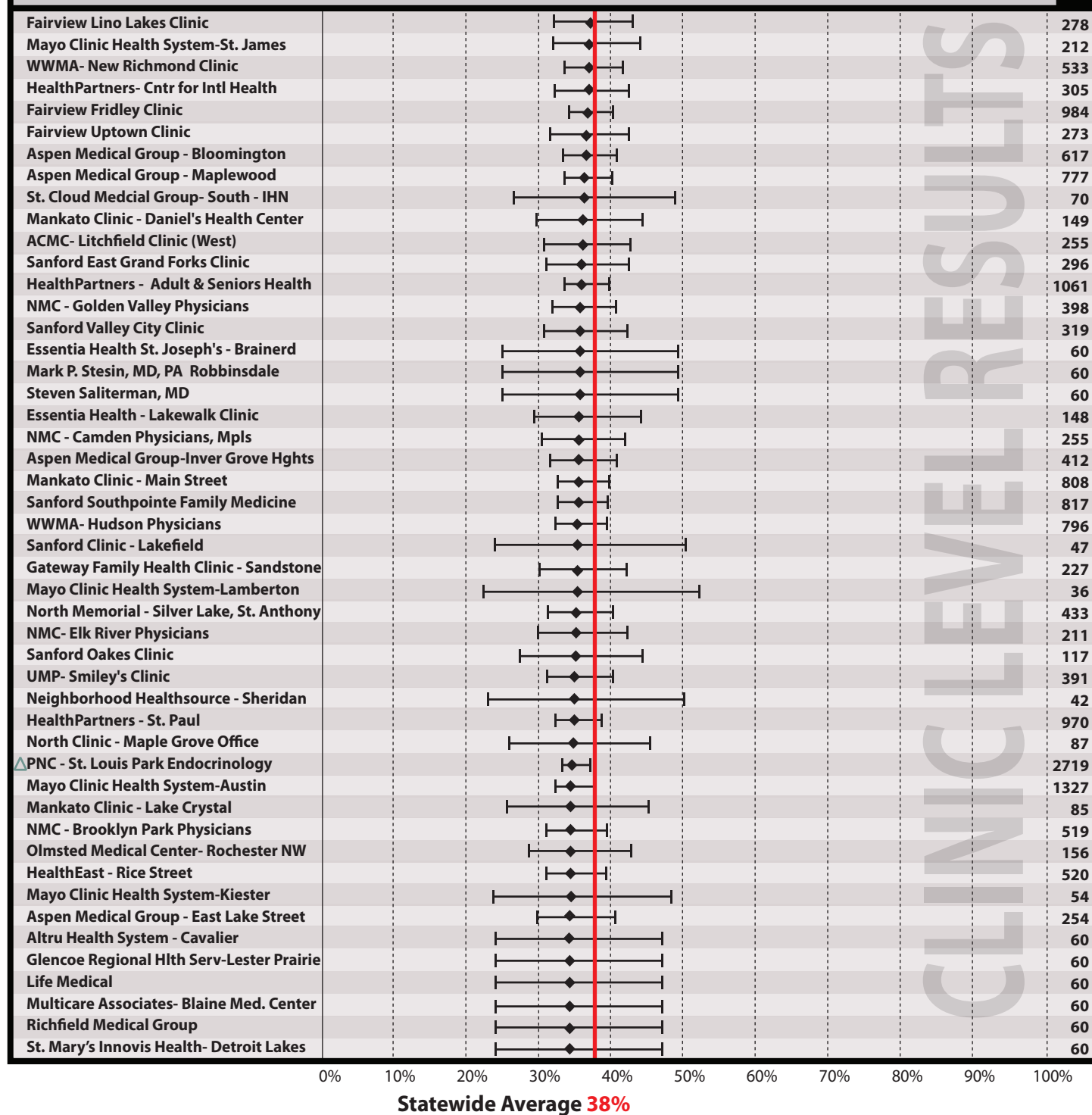
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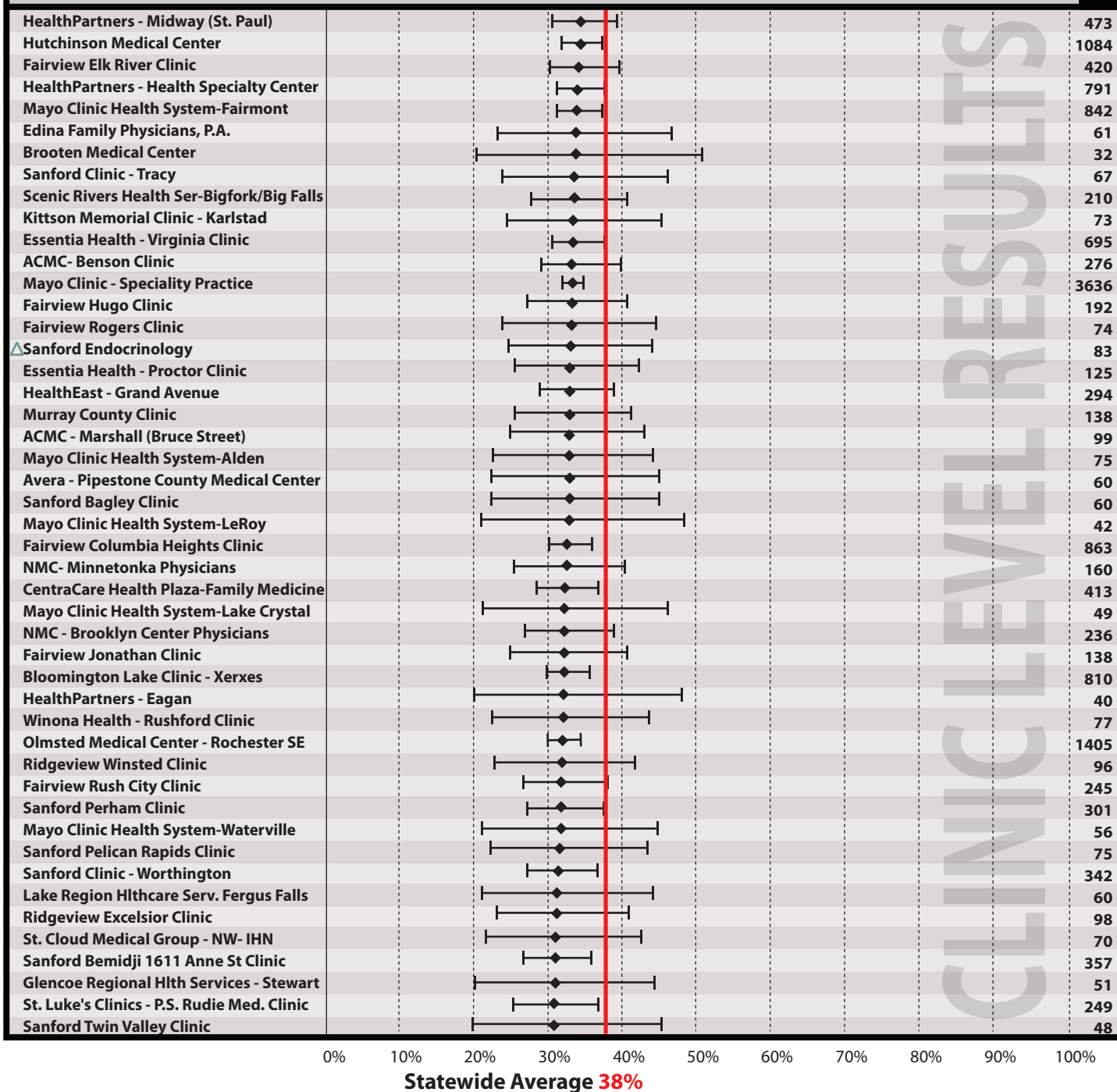
WWMA-Western Wisconsin Medical Associates



**Chart 2.1: Optimal Diabetes Care (Clinic Results) - *continued*****n\***

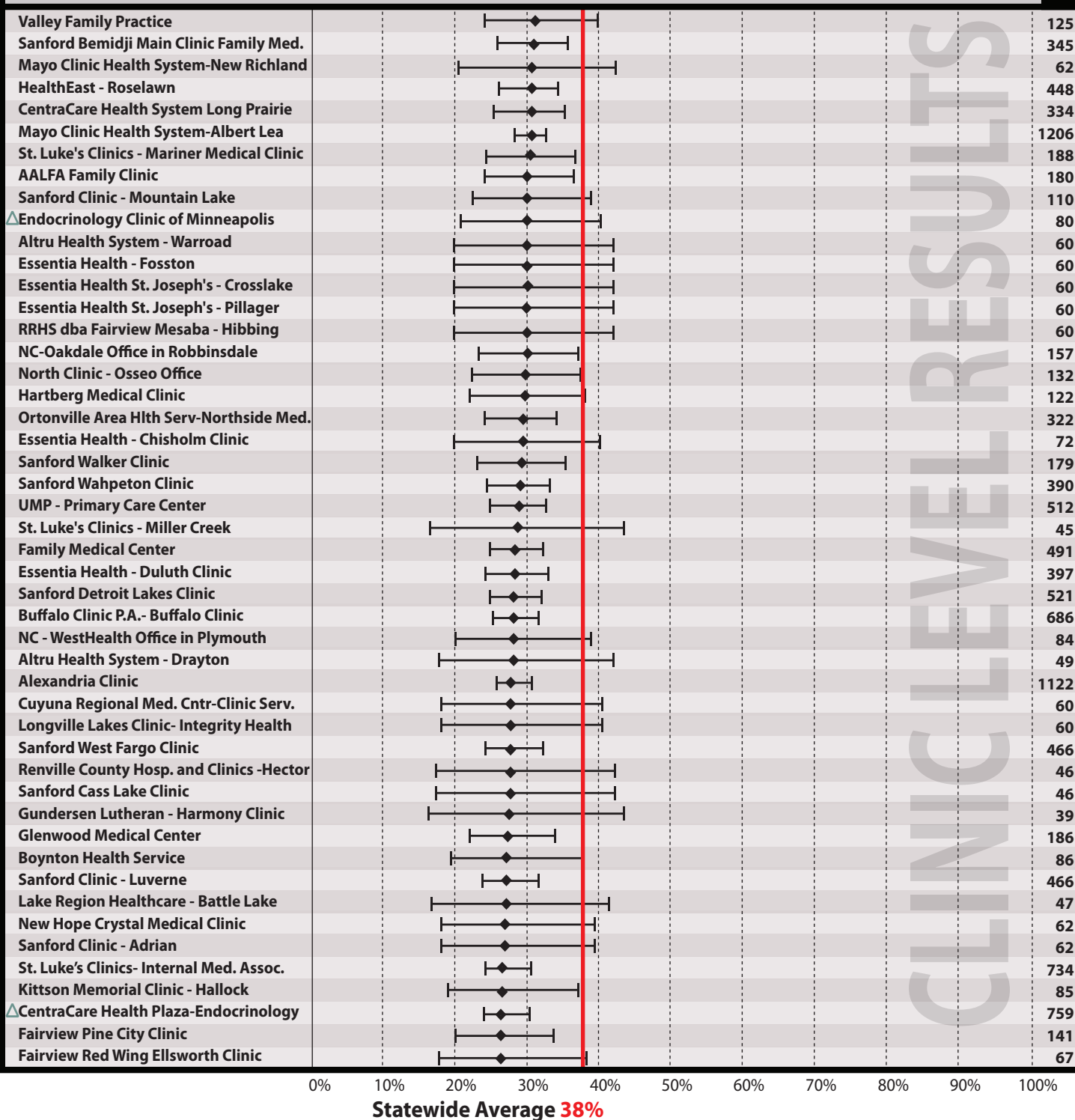
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 WWMA - Western Wisconsin Medical Associates

**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

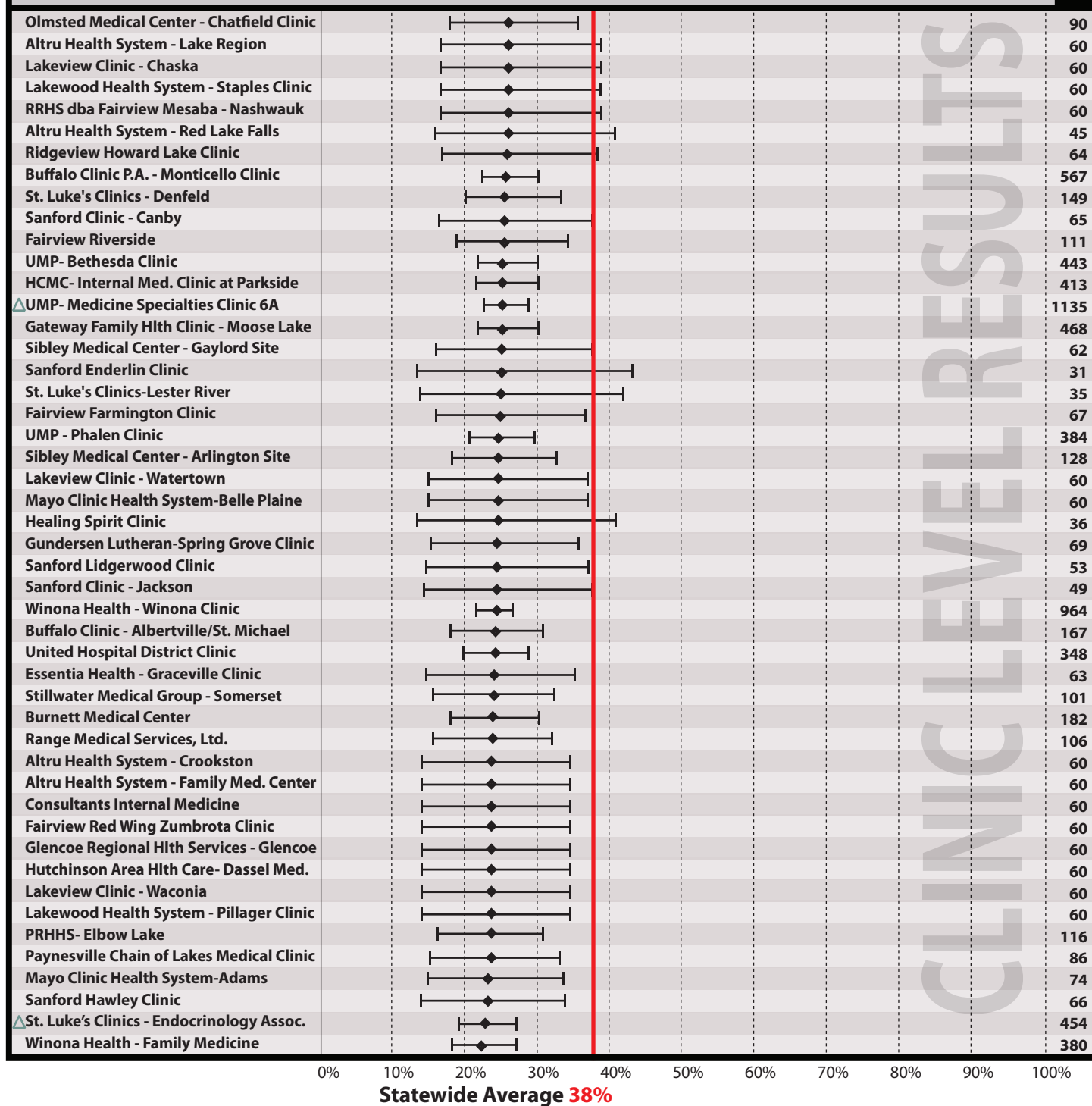
ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
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 HCMC-Hennepin County Medical Center  
 IHN-Integrity Health Network  
 MCHS-Mayo Clinic Health System

NC-North Clinic  
 NMC - North Memorial Clinic  
 PNC - Park Nicollet Clinic  
 PRHHS-Prairie Ridge Hospital and Health Services  
 RRHS - Range Regional Health Services  
 UMP - University of Minnesota Physicians  
 WWMA-Western Wisconsin Medical Associates

**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

ACMC - Affiliated Community Medical Centers  
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**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

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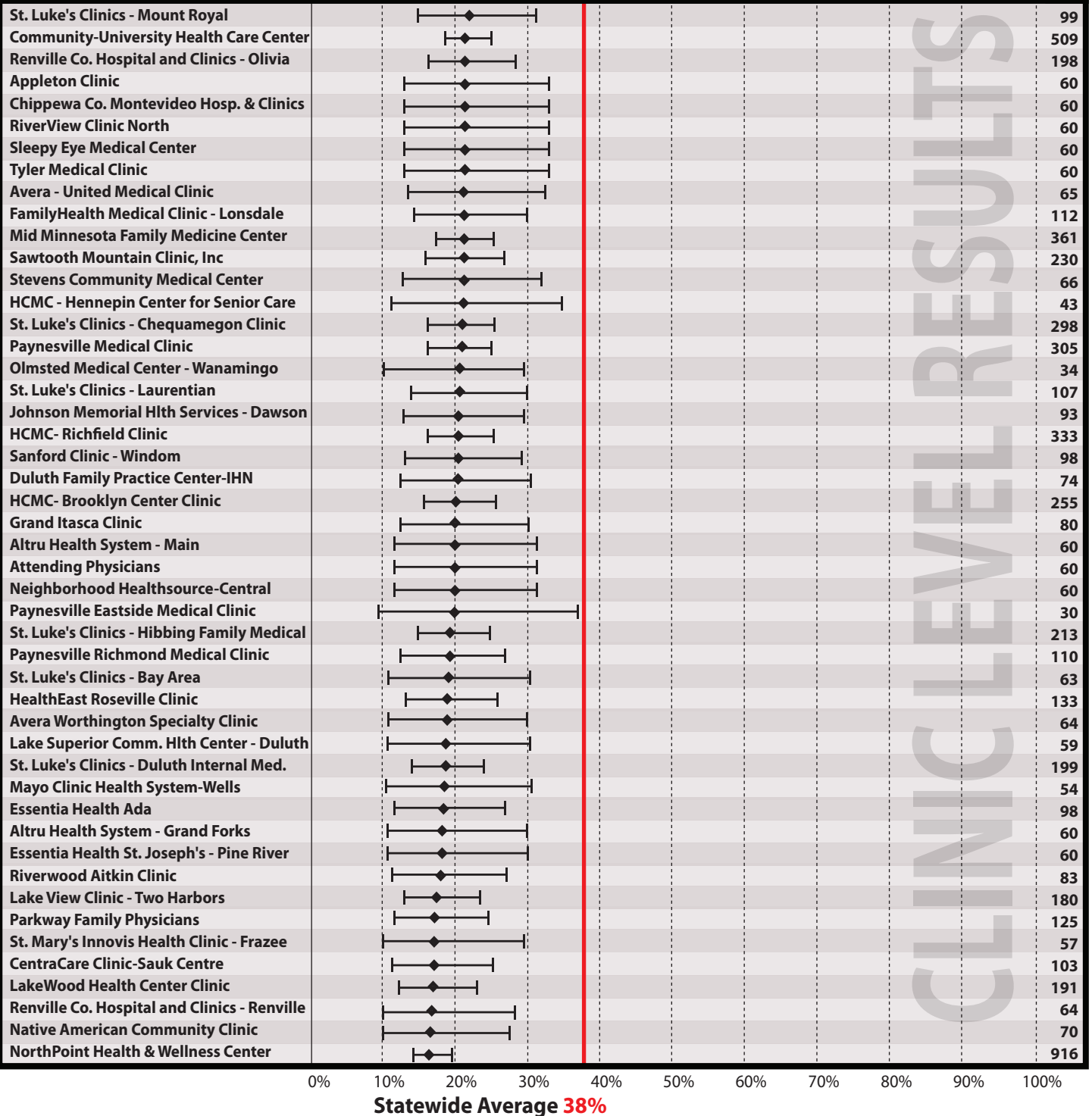
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**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\***

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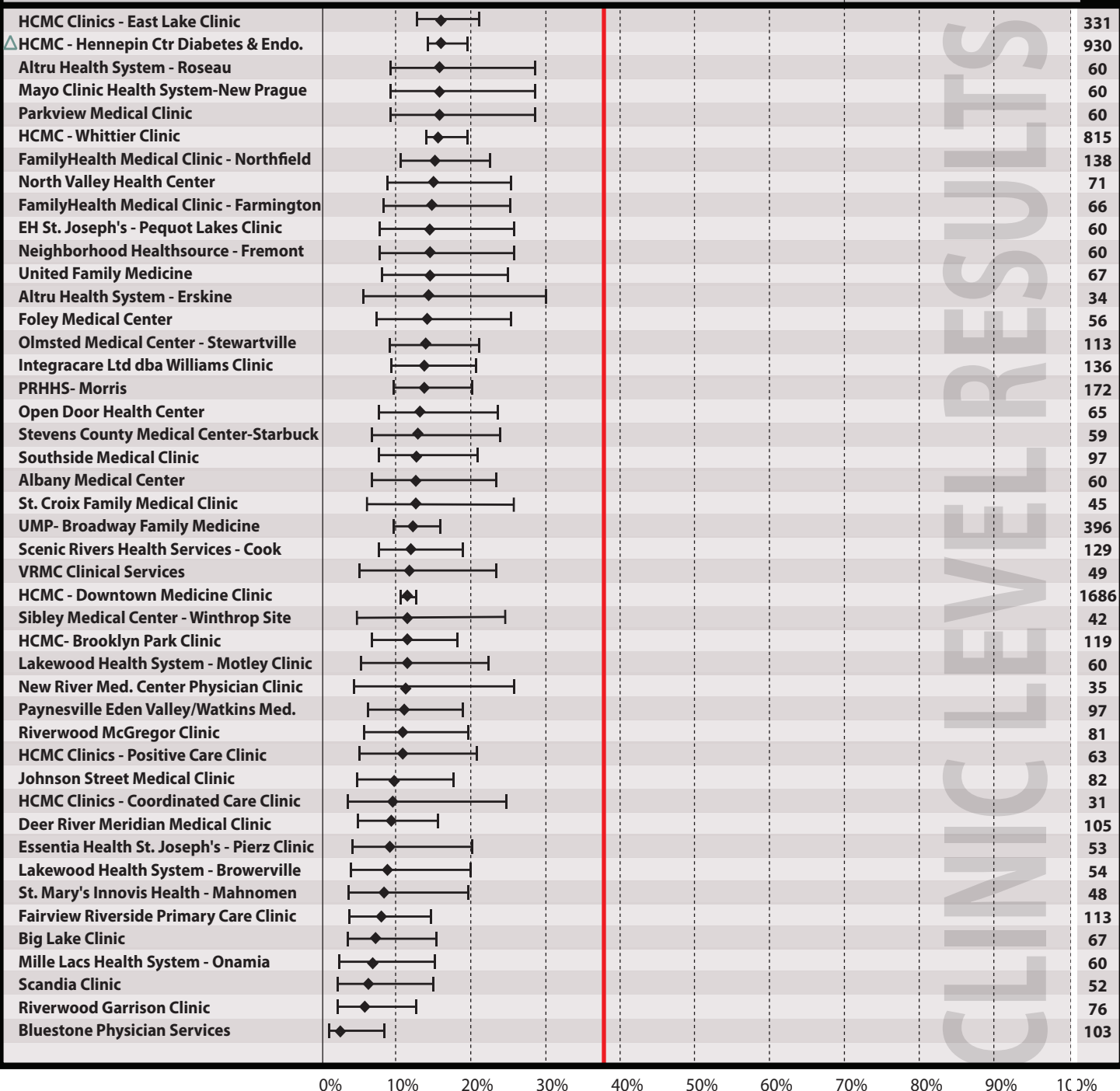
PRHHS-Prairie Ridge Hospital and Health Services

RRHS - Range Regional Health Services

UMP - University of Minnesota Physicians

WWMA-Western Wisconsin Medical Associates



**Chart 2.1: Optimal Diabetes Care (Clinic Results) - continued****n\*****Statewide Average 38%**

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

ACMC - Affiliated Community Medical Centers

AHS - Allina Health System

AMC - Allina Medical Clinic

EFC - Entira Family Clinics

HCMC-Hennepin County Medical Center

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PNC - Park Nicollet Clinic

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WWMA-Western Wisconsin Medical Associates

## Performance Highlights - Clinic Results

### Highest performers in 2012

Clinic results showed that an average of 38 percent of patients with diabetes met all five required components in this measure. **Fairview Rosemount Clinic** set the benchmark of 60 percent of diabetes patients in full compliance with all five diabetes-care components. There were 156 of 525 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

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

#### Allina Health System

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

#### Allina Medical Clinic

- Annandale
- Blaine
- Brooklyn Park
- Buffalo
- Cambridge Medical Center
- Champlin
- Cokato
- Coon Rapids
- Cottage Grove
- Crossroads Chaska
- Crossroads Shakopee Dean Lakes
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St)
- Isles
- Maple Grove
- Nicollet Mall
- Northfield
- Prescott
- Ramsey
- Shakopee
- Shoreview
- St. Michael
- The Doctors Uptown
- United Medical Specialties
- West Health Campus
- West St. Paul
- Woodbury
- Woodlake

#### Apple Valley Medical Clinic

- Family Practice

#### Aspen Medical Group

- Bandana Square
- Highland
- White Bear Lake

#### Burnsville Family Physicians

#### Catalyst Medical Clinic

#### CentraCare Health System

- Becker
- Health Plaza- Internal Medicine
- River Campus- Internal Med.
- St. Joseph

#### Edina Sports Health & Wellness

#### Entira Family Clinics

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

#### Essentia Health-East Region

- Ashland Clinic
- Deer River Clinic
- Duluth Clinic 1st St
- Ely Clinic
- Hayward Clinic
- Hermantown Clinic
- Hibbing Clinic
- Spooner Clinic
- West Duluth Clinic

#### Fairview Health Services

- Andover Clinic
- Bass Lake Clinic
- Chisago Clinic
- Crosstown Clinic
- Eagan Clinic
- EdenCenter Clinic
- Highland Clinic
- Lakeville Clinic
- Maple Grove Medical Center
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic
- Rosemount Clinic

#### FirstLight Health System

- Mora

#### France Avenue Family Physicians HealthEast

- Cottage Grove
- Downtown St. Paul
- Hugo
- Midway
- Woodbury

#### HealthPartners Central MN Clinics

#### HealthPartners Clinics

- Andover
- Anoka
- Apple Valley
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Cottage Grove
- Elk River
- Health Center for Women
- Maplewood
- Riverside
- Roseville
- White Bear Lake
- Woodbury

#### Integrity Health Network

- Cromwell Medical Clinic

#### Mankato Clinic, Ltd.

- Mapleton
- North Mankato

#### Mayo Clinic

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

#### Mayo Clinic Health System

- Faribault
- Franciscan Healthcare Caledonia
- Franciscan Healthcare LaCrescent
- Grand Meadow
- Lake City
- Mankato Eastridge
- Mankato Northridge

- Owatonna
- Springfield
- St. Peter
- Waseca

#### North Memorial Clinic

- Camden Physicians, Plymouth
- Maple Grove

#### Northwest Family Physicians

- Crystal
- Plymouth
- Rogers

#### Olmsted Medical Center

- Pine Island Clinic

#### Park Nicollet Health Services

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

#### Quello Clinic

- Burnsville
- Chanhassen
- Edina

#### Richard Shoewe MD

#### Stillwater Medical Group

- Curve Crest Clinic

#### University of Minnesota Physicians

- Mill City Clinic

#### Western Wisconsin Medical Associates

- Ellsworth Medical Clinic
- River Falls Medical Clinic
- Spring Valley Medical Clinic

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Diabetes Care (clinic results) was made by **Edina Sports Health & Wellness**, whose score increased by more than 28 percentage points.

### Clinic performance over time (2010-2012)

Not applicable due to changes in the measurement specifications.

## Performance Highlights - Clinic Results

### Highest performers in 2012 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 - 56 out of 100 (56%)

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Cottage Grove
- Eagan
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St)
- Ramsey
- Shoreview
- United Medical Specialties
- West St. Paul
- Woodbury

**Apple Valley Medical Clinic**

- Family Practice

**Aspen Medical Group**

- Bandana Square
- Highland
- White Bear Lake

**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**

- Andover Clinic
- Eagan Clinic
- Highland Clinic
- Lakeville Clinic
- Ridges Clinic
- Rosemount Clinic

**HealthEast**

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

**HealthPartners Clinics**

- Andover
- Anoka
- Apple Valley
- Arden Hills
- Como
- Coon Rapids
- Health Center for Women
- Maplewood
- Roseville
- White Bear Lake
- Woodbury

**Park Nicollet Health Services**

- Burnsville
- Eagan

**Quello Clinic**

- Burnsville

**Richard Shoewe MD**
**Stillwater Medical Group**

- Curve Crest Clinic



#### West Metro - 47 out of 120 (39%)

**Allina Health System**

- Abbott Northwestern General
- Medicine Associates-Edina

**Allina Medical Clinic**

- Brooklyn Park
- Champlin
- Crossroads Chaska
- Crossroads Shakopee
- Dean Lakes
- Edina
- Isles
- Maple Grove
- Nicollet Mall
- Shakopee
- The Doctors Uptown
- West Health Campus

- Woodlake

**Catalyst Medical Clinic**  
**Edina Sports Health & Wellness**
**Fairview Health Services**

- Bass Lake Clinic
- Crosstown Clinic
- EdenCenter Clinic
- Maple Grove Medical Center
- Oxboro Clinic
- RidgeValley Clinic

**France Avenue Family Physicians**
**HealthPartners Clinics**

- Bloomington
- Brooklyn Center

- Riverside

**North Memorial Clinic**

- Camden Physicians, Plymouth
- Maple Grove

**Northwest Family Physicians**

- Crystal
- Plymouth
- Rogers

**Park Nicollet Health Services**

- Bloomingtown
- Brookdale
- Burnsville
- Carlson
- Chanhassen
- Golden Valley

- Maple Grove

- Plymouth

- Prairie Center

- Prior Lake

- Shakopee

- Shorewood

- St. Louis Park Family Medicine

- St. Louis Park Internal Medicine

- Wayzata

**Quello Clinic**

- Chanhassen
- Edina
- Savage

**University of Minnesota Physicians**

- Mill City Clinic

## Performance Highlights - Clinic Results

### Highest Performers in 2012 by Minnesota Regions- *continued*

#### Southeast - 22 out of 71 (31%)

**Allina Health System**

- New Ulm Medical Center

**Allina Medical Clinic**

- Faribault
- Northfield

**Mankato Clinic, Ltd.**

- Mapleton
- North Mankato

**Mayo Clinic**

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

**Mayo Clinic Health System**

- Faribault
- Franciscan Healthcare Caledonia
- Franciscan Healthcare LaCrescent
- Grand Meadow
- Lake City
- Mankato Eastridge
- Mankato Northridge
- Owatonna
- Springfield
- St. Peter
- Waseca

#### Wisconsin - 3 out of 15 (20%)

**Allina Medical Clinic**

- Prescott

**Essentia Health-East Region**

- Ashland Clinic
- Hayward Clinic
- Spooner Clinic

**Western Wisconsin Medical Associates**

- Ellsworth Medical Clinic
- Spring Valley Medical Clinic

#### Central - 13 out of 73 (18%)

**Allina Medical Clinic**

- Annandale
- Buffalo
- Cambridge Medical Center
- Cokato
- Elk River

- St. Michael

**CentraCare Health System**

- Health Plaza- Internal Medicine
- River Campus- Internal Med.
- St. Joseph

**Fairview Health Services**

- Chisago Lakes Clinic

**FirstLight Health System**

- Mora

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

- Elk River



#### Northeast - 7 out of 46 (15%)

**Essentia Health - East Region**

- Deer River Clinic
- Duluth Clinic 1st St.
- Ely Clinic
- Hermantown Clinic
- Hibbing Clinic
- West Duluth Clinic

**Integrity Health Network**

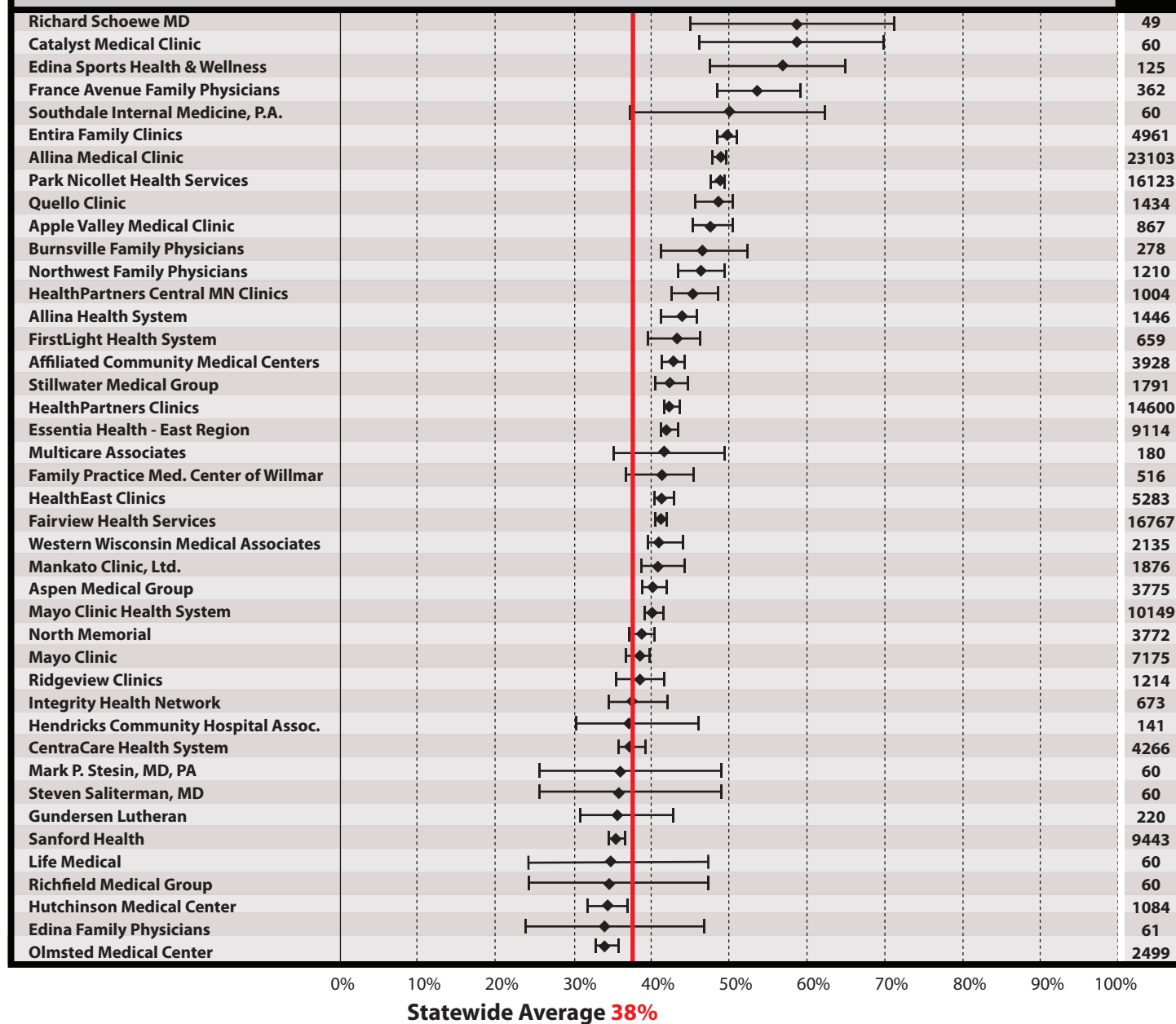
- Cromwell Medical Clinic

#### Southwest - 4 out of 49 (8%)

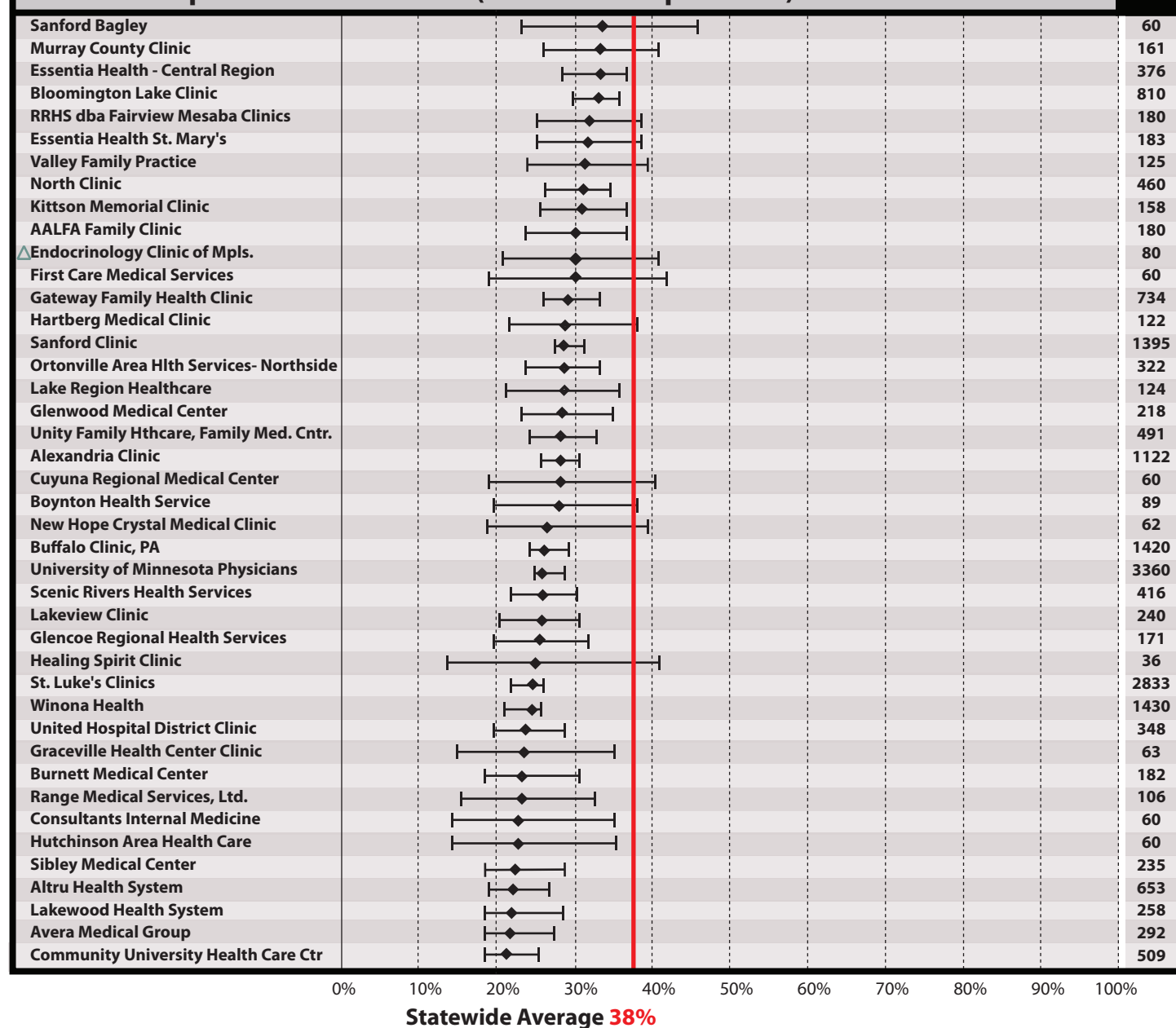
**Affiliated Community Medical Centers**

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

#### Northwest - 0 out of 32 (0%)

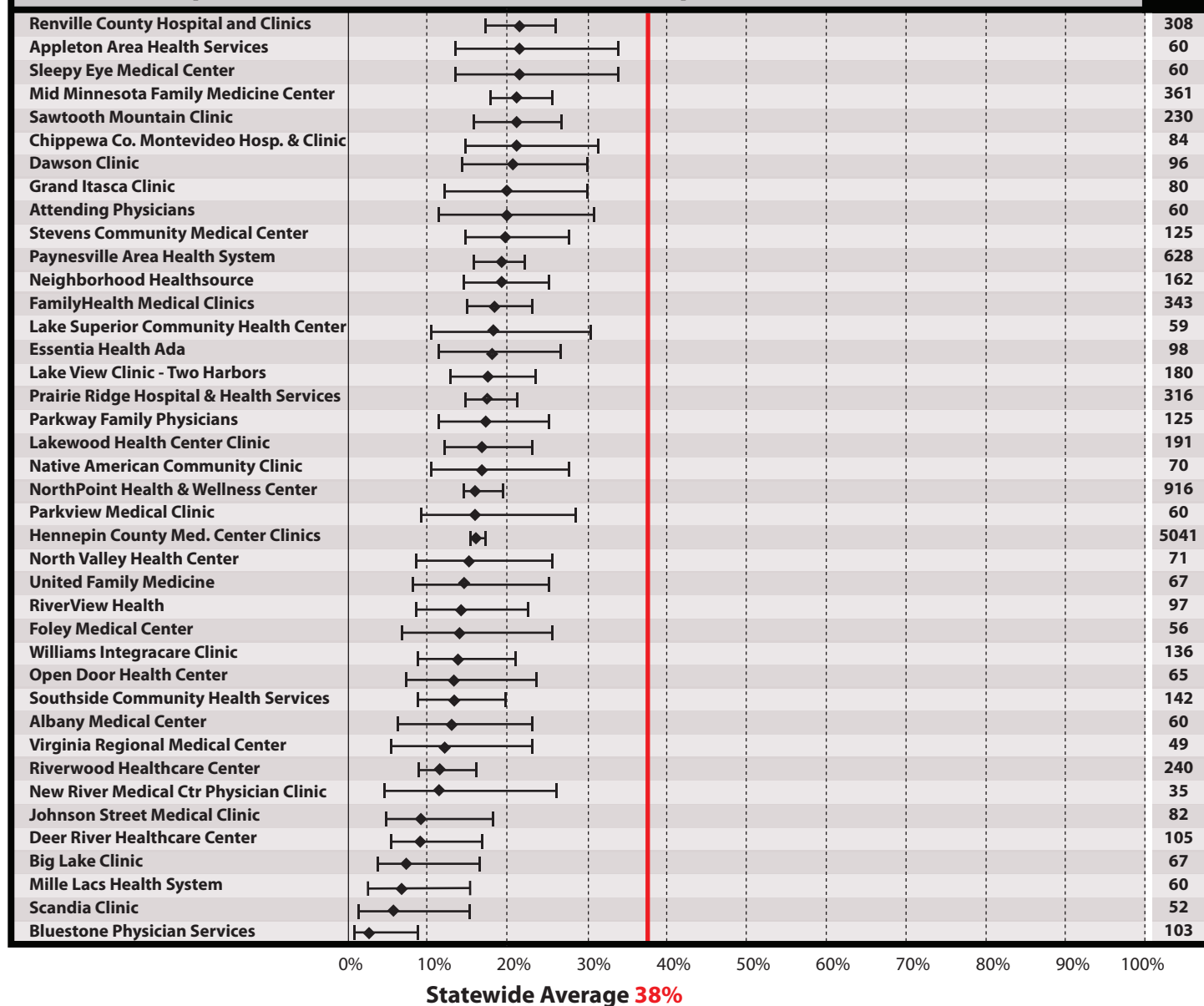
**Chart 2.2: Optimal Diabetes Care (Medical Group Results)****n\***

RRHS - Range Regional Health Services

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

RRHS - Range Regional Health Services



**Chart 2.2: Optimal Diabetes Care (Medical Group Results) - *continued*****n\***

RRHS - Range Regional Health Services



## Performance Highlights - Medical Group Results

### Highest performers in 2012

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 59 percent of diabetes patients in full compliance with all five diabetes care components. There were 24 of 124 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 Shoewe MD
- Catalyst Medical Clinic
- Edina Sports Health and Wellness
- France Avenue Family Physicians
- Entira Family Clinics
- Allina Medical Clinic
- Park Nicollet Health Services
- Quello Clinic
- Apple Valley Medical Clinic
- Burnsville Family Physicians
- Northwest Family Physicians
- HealthPartners Central Minnesota Clinics
- Allina Health System
- FirstLight Health System
- Affiliated Community Medical Centers
- Stillwater Medical Group
- HealthPartners Clinics
- Essentia Health - East Region
- HealthEast Clinics
- Fairview Health Services
- Western Wisconsin Medical Associates
- Mankato Clinic, Ltd.
- Aspen Medical Group
- Mayo Clinic Health System

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Diabetes Care (medical group results) was made by **Edina Sports Health & Wellness**, whose score increased by more than 28 percentage points.

### Medical group performance over time (2010-2012)

Not applicable due to changes in the measurement specifications.

## ***Empowering patients, staff: Neighborhood Healthsource***

Making quality everybody's job is part of the success of Neighborhood Healthsource.

Neighborhood Healthsource is a Federally Qualified Health Center with community-based clinics in north and northeast Minneapolis. The medical group has had above-average rates and high performance for upper respiratory infection (80%), sore throats (98%), and chlamydia screening (80%), with rates and confidence intervals fully above the state average.

Creating standing orders and protocols for patients that describe the care needed (depending on each patient's health condition/s) has helped everyone in the clinic better understand how each employee can help improve care, said Rahshana Price-Isuk, MD, Medical Director of Neighborhood Healthsource.

Consider diabetes. Because of standing orders and protocols, she said, key employees know to check whether the patient has had a lipid panel in the past 12 months or a blood sugar test in the past three months. If the patient hasn't had the work done, staff can schedule tests. Neighborhood Healthsource has seen its Optimal Diabetes Care rate increase from 7.5% for care delivered in 2009 to 19.1% for the most recent data (care given in 2011).

Incorporating information on quality measures in staff meetings has increased awareness and empowerment, Price-Isuk added. Terra Carey, MPH, former quality manager at the medical group, consistently quizzed staff on the components of quality care and also shared metrics with staff. Sometimes they received a pedometer for providing the right answer in a staff meeting quiz; sometimes it was a bite-size candy. Staff from finance or billing would answer questions along with clinical staff.

"Quality improvement can be fun," Carey said. "If we break it down and make it enjoyable....I believe folks remember and are more willing to 'buy-into' and own the entire thing."

Another highlight of the interactive staff meeting approach to learning about quality measures was what is known as "the diabetes dance": a dietetic intern choreographed a song and dance routine that incorporated the five elements for optimal diabetes control. The moves included miming throwing away a soda to represent lowering blood sugar, pretending to stub out a cigarette and throw it away; and performing a bicep curl to help people remember the optimal blood pressure guidelines. Leadership and other staff "got in a big circle and danced," Carey said. Although the dance didn't catch on, it really helped people focus on diabetes, she noted. "It turned into a joke – I would threaten them they had to do the dance if they didn't do well on the diabetes scores."

The focus on quality metrics helps keep staff attentive to quality improvement across all measures, Carey said. The rate of patients at Neighborhood Healthsource being optimally managed for diabetes rose from 7.5% for 2009 office visits to 19.1% for 2011 office visits.

"I think we're to a point where folks are buying into the measures and looking for ways to improve," Price-Isuk said.

In fact, employees are becoming so thorough that sometimes they even push back on her work. "One day the medical assistant stopped me and said, 'You let the patient go (but) I needed to re-check blood pressure,'" Price-Isuk said. "To see someone take that initiative, that's the empowerment piece."

The medical director is also committed to empowering patients. "People are smart. If you take the time to explain things about their (illness), their treatment options, what red flags to watch out for, if you take the time, you can get quality care for less cost," Price-Isuk said. She has not, however, taught them the diabetes dance.

## 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, 2011 - December 31, 2011 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.

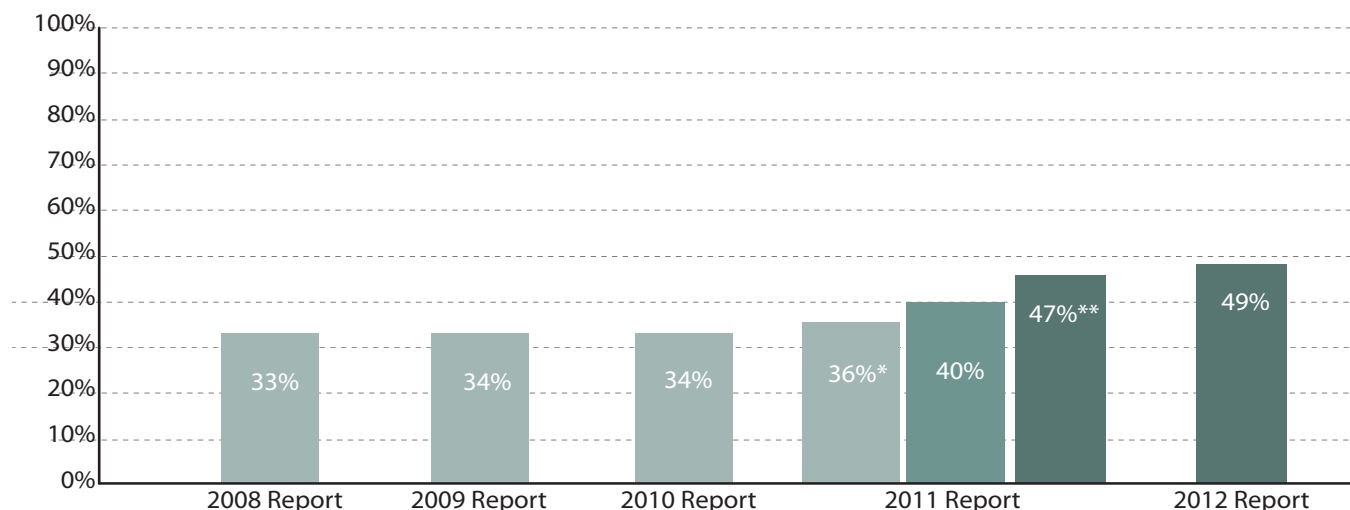
*Credit is given for achieving this composite rate when all four measure components are met. The data for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.*

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	49.4%	49.0% - 49.7%	39,242	78,886	95,482

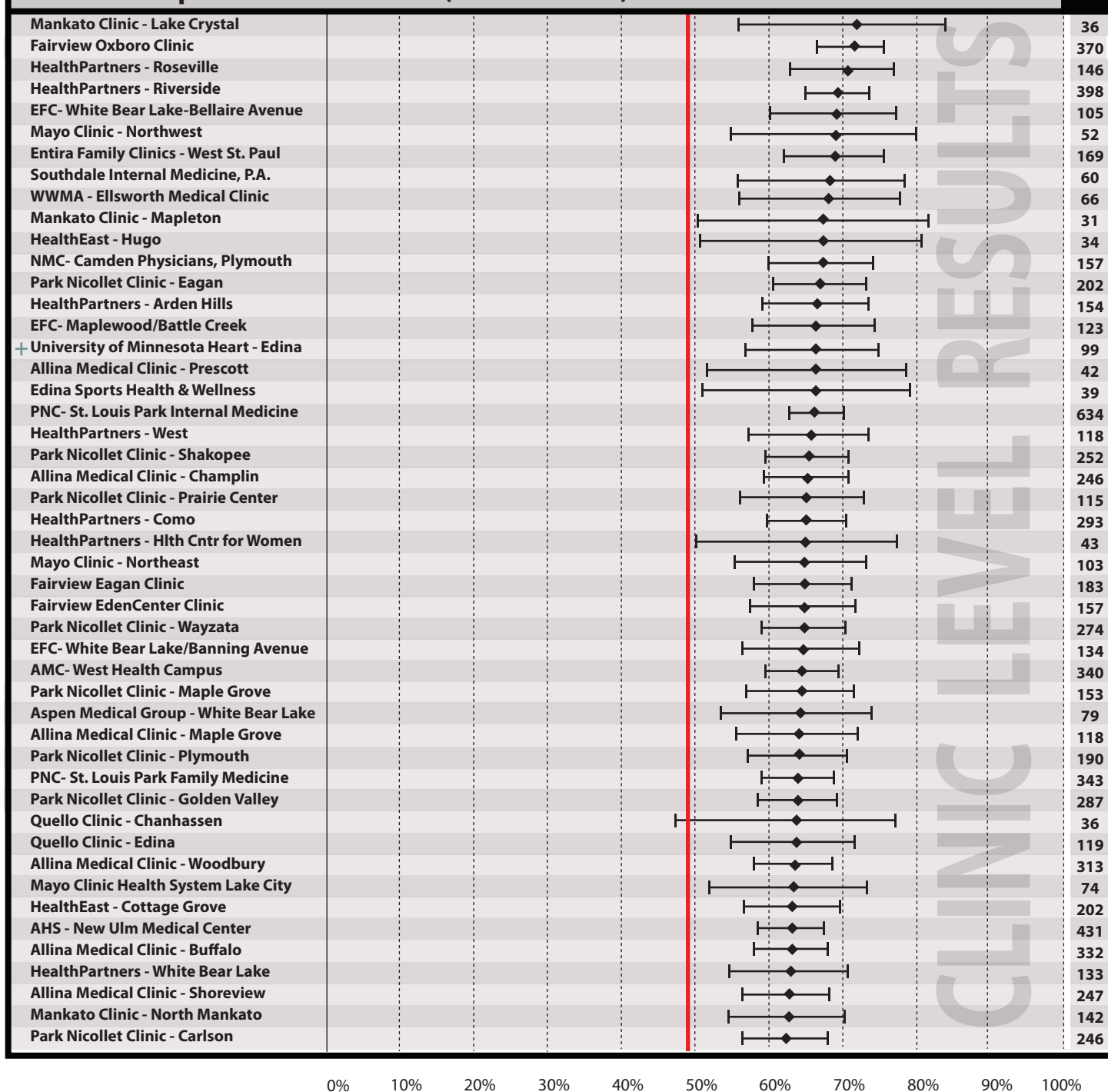
**Figure 3: Statewide Rates for Optimal Vascular Care Over Time**



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.

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

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

ACMC - Affiliated Community Medical Centers

AHS - Allina Health System

AMC - Allina Medical Clinic

EFC - Entira Family Clinics

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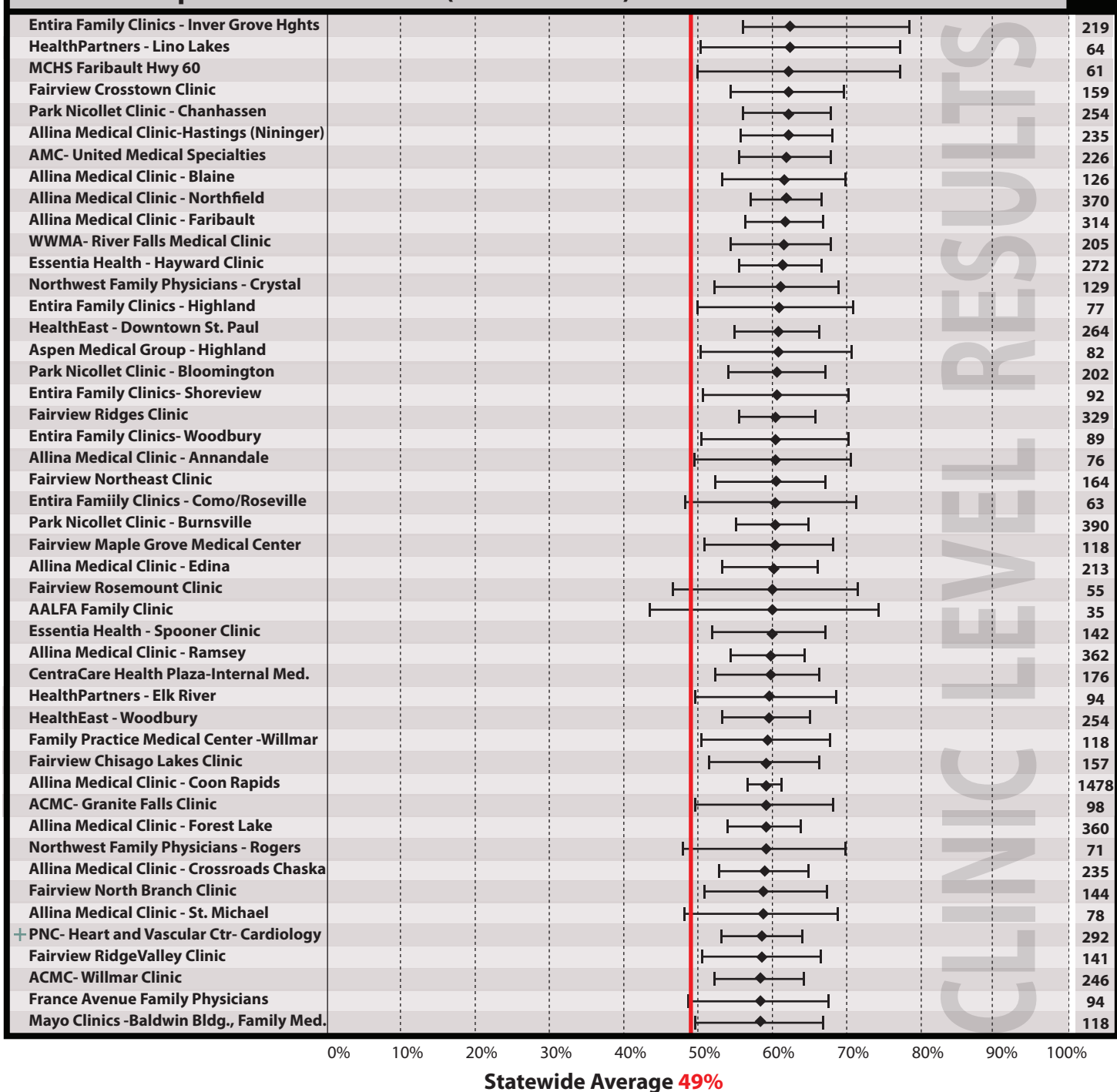
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RRHS - Range Regional Health Services

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WWMA - Western Wisconsin Medical Associates

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

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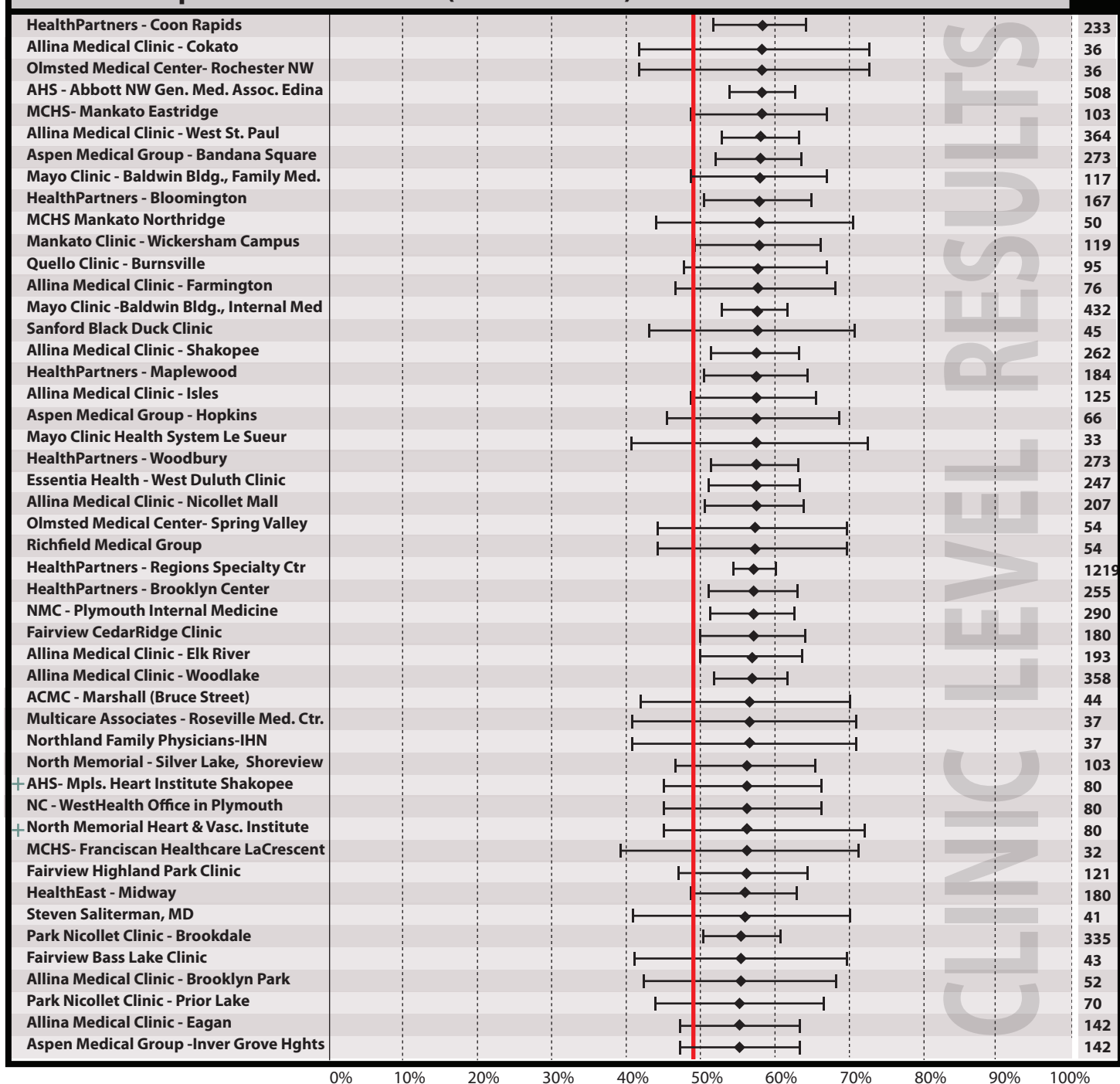
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**Chart 3.1: Optimal Vascular Care (Clinic Results) - *continued*****n\*****Statewide Average 49%**

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

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AMC - Allina Medical Clinic

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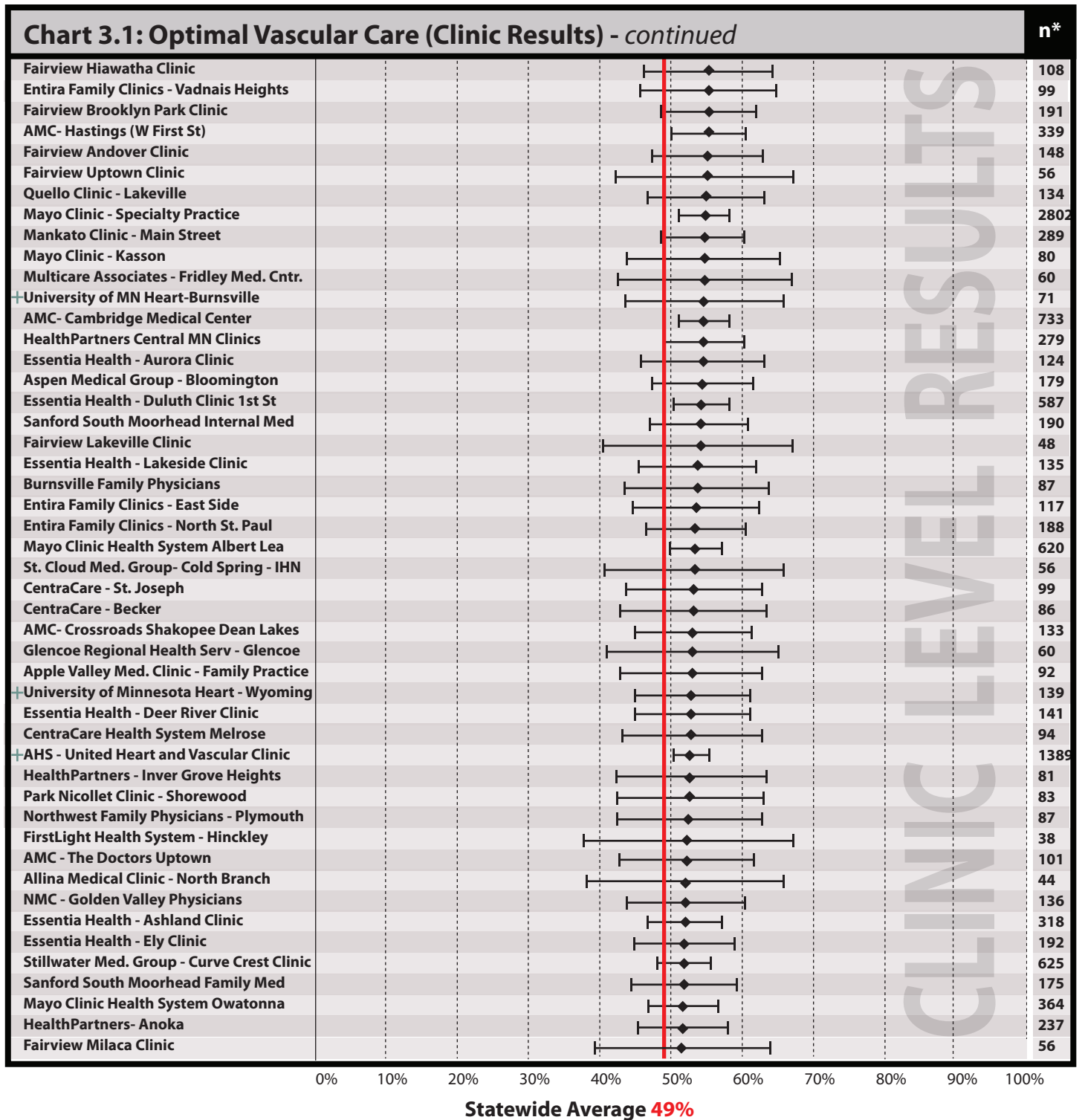
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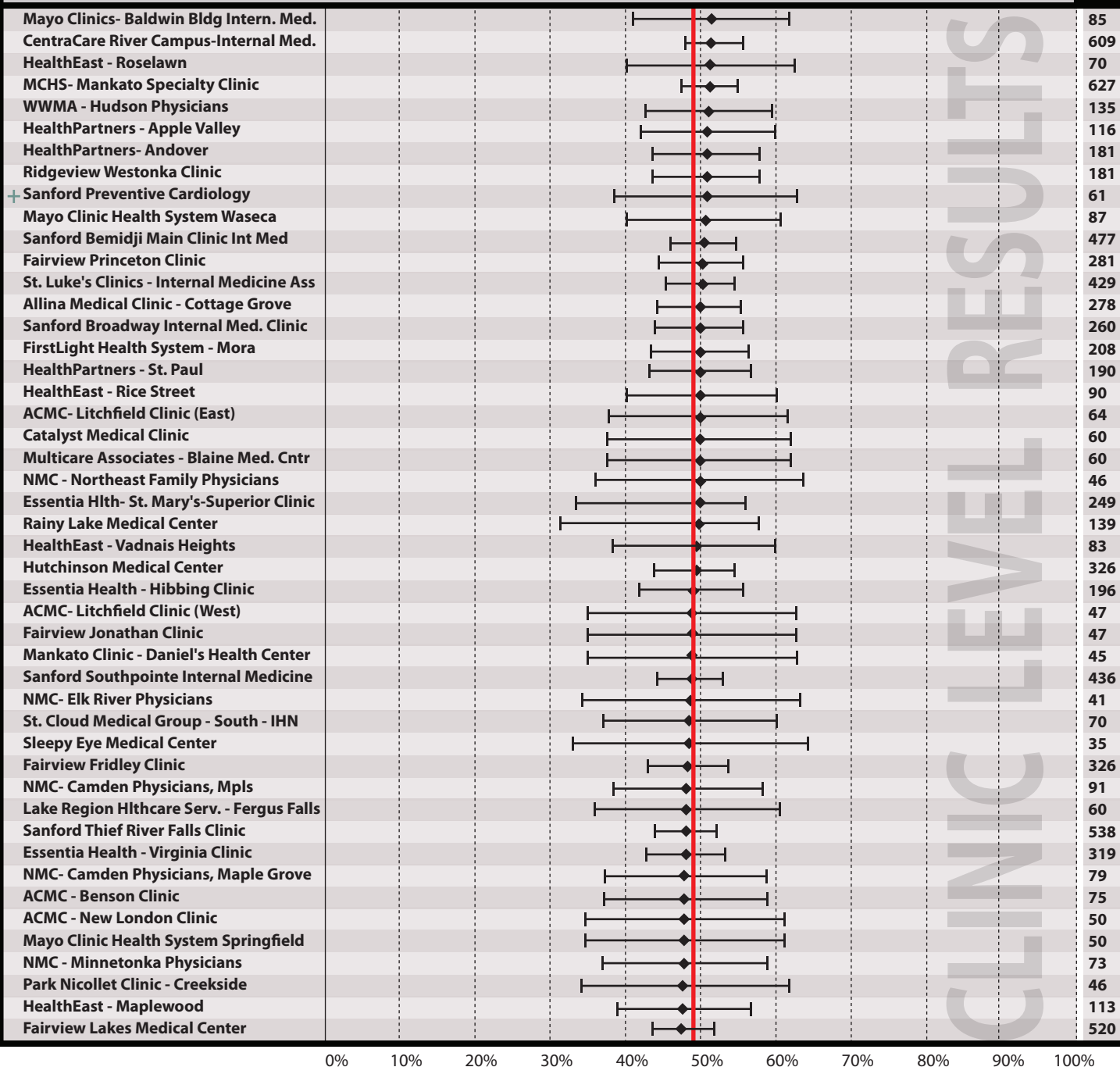
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**Chart 3.1: Optimal Vascular Care (Clinic Results) - continued****n\*****Statewide Average 49%**

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

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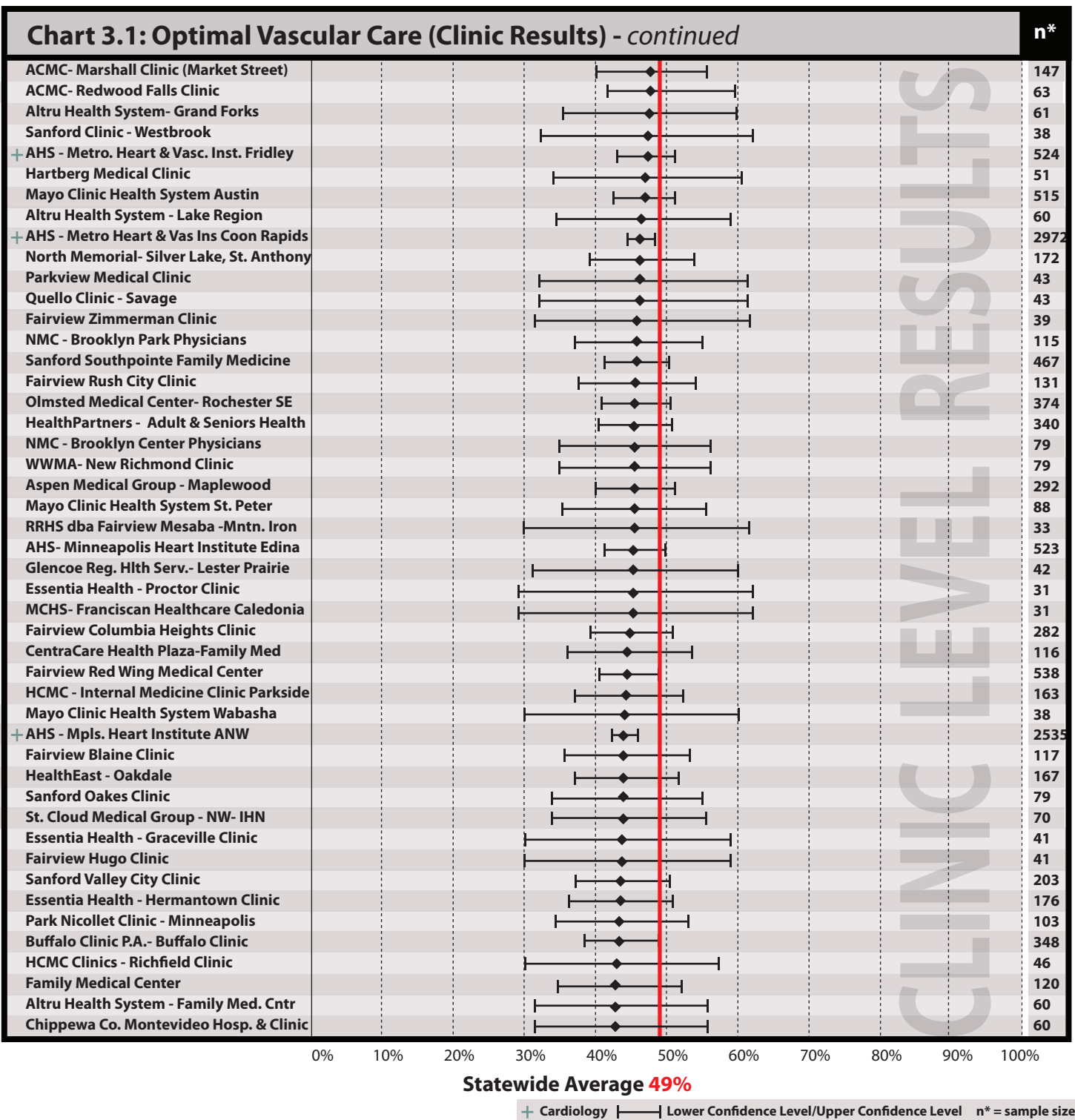
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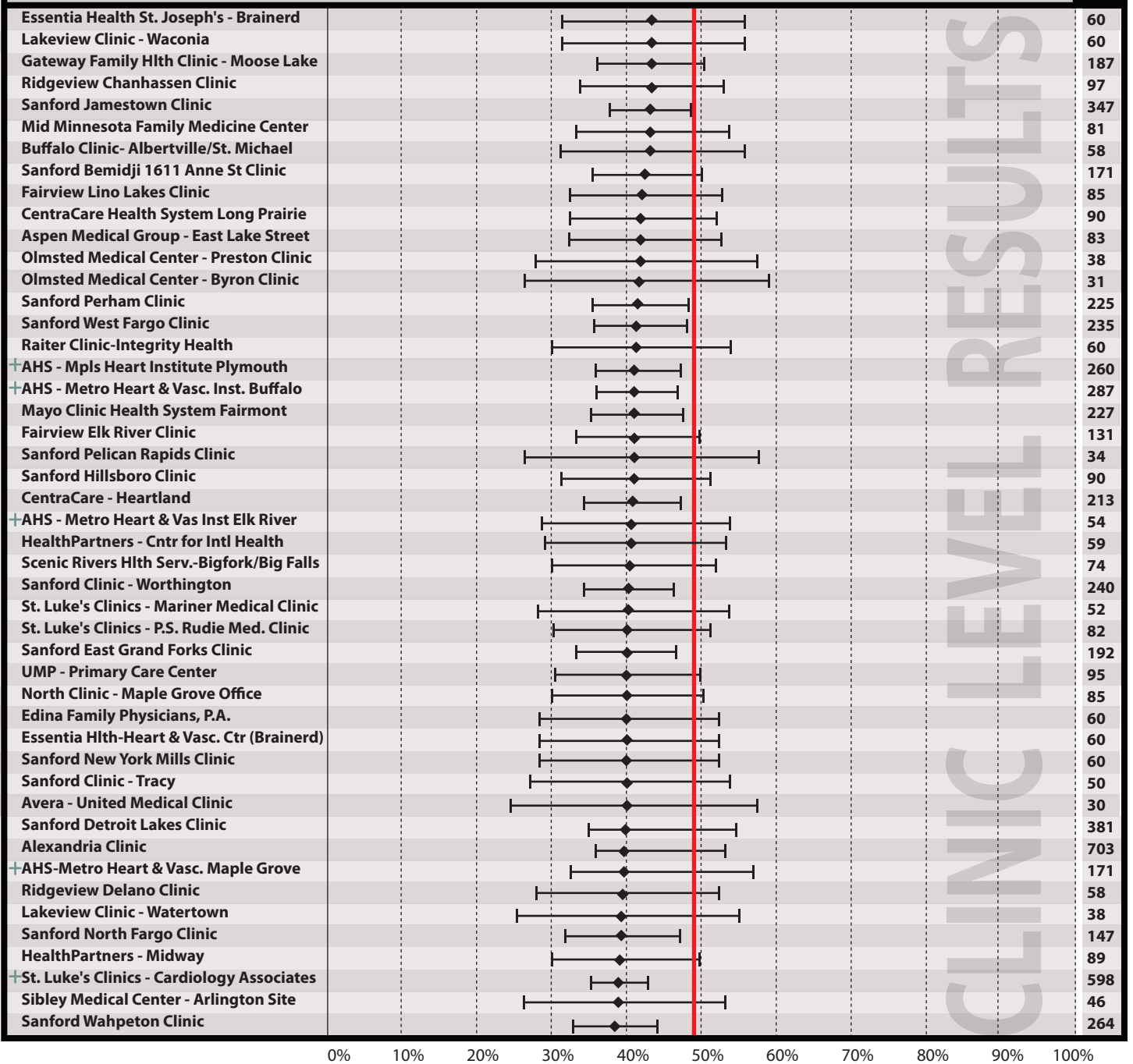
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**Chart 3.1: Optimal Vascular Care (Clinic Results) - continued****n\*****Statewide Average 49%**

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

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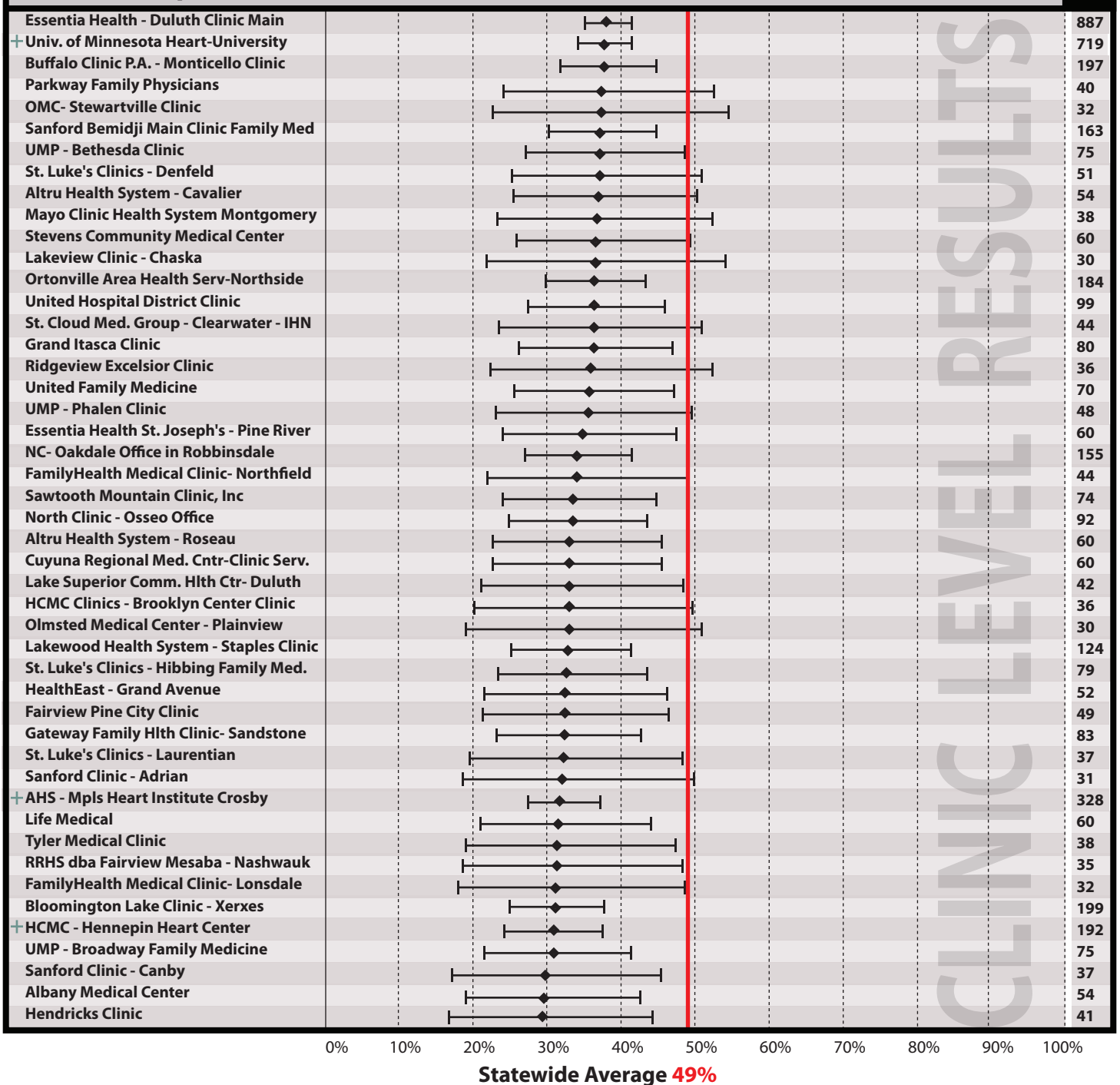
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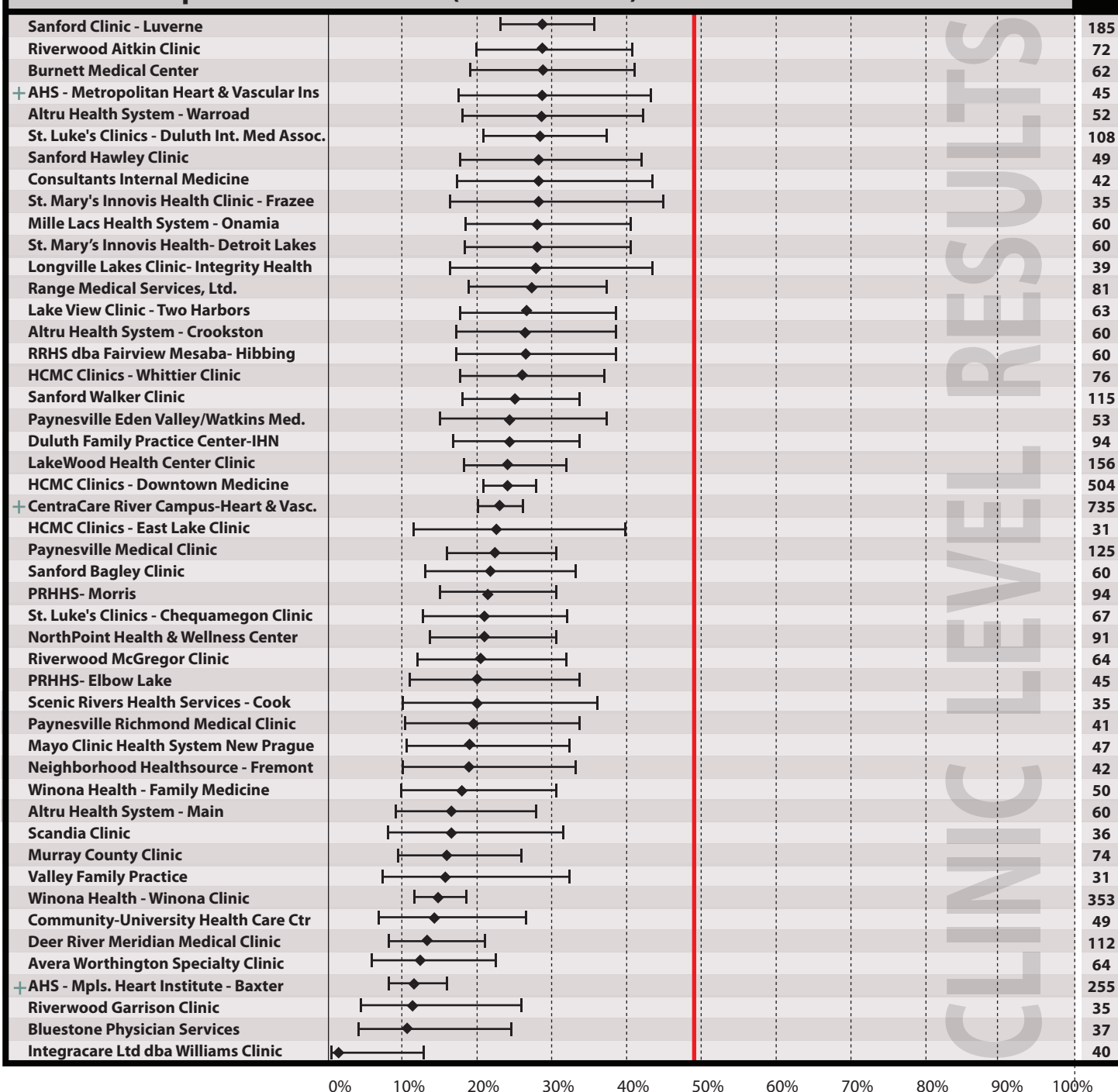
**Chart 3.1: Optimal Vascular Care (Clinic Results) - continued****n\***

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 RRHS - Range Regional Health Services  
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 WWMA - Western Wisconsin Medical Associates

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

n\*

Clinic Average **49%**

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

ACMC - Affiliated Community Medical

Centers

AHS - Allina Health System

AMC - Allina Medical Clinic

EFC - Entira Family Clinics

HCMC - Hennepin County Medical

Center

IHN - Integrity Health Network

MCHS - Mayo Clinic Health System

NC - North Clinic

NMC - North Memorial Clinic

PNC - Park Nicollet Clinic

PRHHS - Prairie Ridge Hospital and

Health Services

RRHS - Range Regional Health Services

UMP - University of Minnesota Physicians

WWMA - Western Wisconsin Medical

Associates

## Performance Highlights - Clinic Results

### Highest performers in 2012

Clinic results showed that an average of 49 percent of patients with vascular disease met all four required components included in this measure. **Mankato Clinic - Lake Crystal** set the benchmark of 72 percent of vascular disease patients in full compliance with all four vascular care components. There were 109 of 425 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
- United Heart and Vascular

#### **Allina Medical Clinic**

- Blaine
- Buffalo
- Cambridge Medical Center
- Champlin
- Coon Rapids
- Crossroads Chaska
- Edina
- Elk River
- Faribault
- Forest Lake
- Hastings (Nininger)
- Hastings (W. First St)
- Maple Grove
- Nicollet Mall
- Northfield
- Prescott
- Ramsey
- Shakopee
- Shoreview
- United Medical Specialties
- West Health Campus
- West St. Paul
- Woodbury
- Woodlake

#### **Aspen Medical Group**

- Bandana Square

- Highland

- White Bear Lake

#### **CentraCare Health System**

- Health Plaza- Internal Medicine

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

#### **Entira Family Clinics**

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

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

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

#### **Fairview Health Services**

- CedarRidge Clinic
- Chisago Lakes Clinic
- Crosstown Clinic
- Eagan Clinic
- Eden Center Clinic
- Maple Grove Medical Center
- North Branch Clinic
- Northeast Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic

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

#### **HealthEast**

- Cottage Grove

- Downtown St. Paul

- Hugo

- Woodbury

#### **HealthPartners Clinics**

- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Elk River
- Health Center for Women
- Lino Lakes
- Maplewood
- Regions Specialty Center
- Riverside
- Roseville
- West
- White Bear Lake
- Woodbury

#### **Mankato Clinic**

- Lake Crystal
- Mapleton
- North Mankato

#### **Mayo Clinic**

- Baldwin Bldg., Internal Medicine
- Northeast
- Northwest

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

- Albert Lea
- Faribault
- Lake City

#### **North Memorial Clinic**

- Camden Physicians, Plymouth
- Maple Grove

#### **Northwest Family Physicians**

- Crystal

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

- Bloomington
- Brookdale

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

#### **Quello Clinic**

- Edina

#### **Southdale Internal Medicine, P.A.**

#### **University of Minnesota Physicians**

- University of Minnesota Heart-Edina

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

- Ellsworth Medical Clinic
- River Falls Medical Clinic

### Biggest improvement from 2011-2012

Not applicable due to changes in the measurement specifications.

### Clinic performance over time (2010-2012)

Not applicable due to changes in the measurement specifications.



## Performance Highlights - Clinic Results

### Highest performers in 2012 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- 41 out of 95 (43%)

**Allina Health System**

- United Heart and Vascular

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St)
- Ramsey
- Shoreview
- United Medical Specialties
- West St. Paul
- Woodbury

**Aspen Medical Group**

- Bandana Square
- Highland
- White Bear Lake

**Entira Family Clinics**

- Highland Family Physicians
- Inver Grove Heights
- Maplewood/Battle Creek
- Shoreview
- West St. Paul
- White Bear Lake/Banning Ave.
- White Bear Lake-Bellaire Ave.

- Woodbury

**Fairview Health Services**

- CedarRidge Clinic
- Eagan Clinic
- Ridges Clinic

**HealthEast**

- Cottage Grove
- Downtown St. Paul
- Hugo
- Woodbury

**HealthPartners Clinics**

- Arden Hills
- Como
- Coon Rapids
- Health Center for Women
- Lino Lakes
- Maplewood
- Regions Specialty Center
- Roseville
- White Bear Lake
- Woodbury

**Park Nicollet Health Services**

- Burnsville
- Eagan



#### Wisconsin- 5 out of 12 (42%)

**Allina Medical Clinic**

- Prescott

**Essentia Health - East Region**

- Hayward Clinic
- Spooner Clinic

**Western Wisconsin Medical Associates**

- Ellsworth Medical Clinic
- River Falls Medical Clinic

#### West Metro- 39 out of 106 (37%)

**Allina Health System**

- Abbott Northwestern General Medicine Associates - Edina

**Allina Medical Clinic**

- Champlin
- Crossroads Chaska
- Edina
- Maple Grove
- Nicollet Mall
- Shakopee
- West Health Campus
- Woodlake

**Edina Sports Health & Wellness**
**Fairview Health Services**

- Crosstown Clinic
- EdenCenter Clinic
- Maple Grove Medical Center
- Northeast Clinic
- Oxboro Clinic
- RidgeValley Clinic

**HealthPartners Clinics**

- Bloomington
- Brooklyn Center
- Riverside
- West

**North Memorial Clinic**

- Camden Physicians, Plymouth
- Maple Grove

**Park Nicollet Health Services**

- Bloomington
- Brookdale
- Carlson
- Chanhasen
- Golden Valley
- Heart and Vascular Center-Cardiology
- Maple Grove
- Plymouth
- Prairie Center

- Shakopee

- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

**Quello Clinic**

- Edina

**Southdale Internal Medicine, P.A.**
**University of Minnesota**

- University of Minnesota Heart-Edina Clinic



## Performance Highlights - Clinic Results

### Highest performers in 2012 by region- *continued*

#### Southwest- 2 out of 33 (6%)

##### Affiliated Community Medical Centers

- Willmar Clinic

##### Family Practice Medical Center of Willmar

#### Southeast- 13 out of 46 (28%)

##### Allina Health System

- New Ulm Medical Center

##### Allina Medical Clinic

- Faribault
- Northfield

##### Mankato Clinic

- Lake Crystal
- Mapleton
- North Mankato

##### Mayo Clinic

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

##### Mayo Clinic Health System

- Albert Lea
- Faribault
- Lake City

#### Central- 7 out of 61 (11%)

##### Allina Medical Clinic

- Buffalo
- Cambridge Medical Center
- Elk River

##### CentraCare Health System

- Health Plaza- Internal Med.

##### Fairview Health Services

- Chisago Lakes Clinic
- North Branch Clinic

##### HealthPartners Clinics

- Elk River

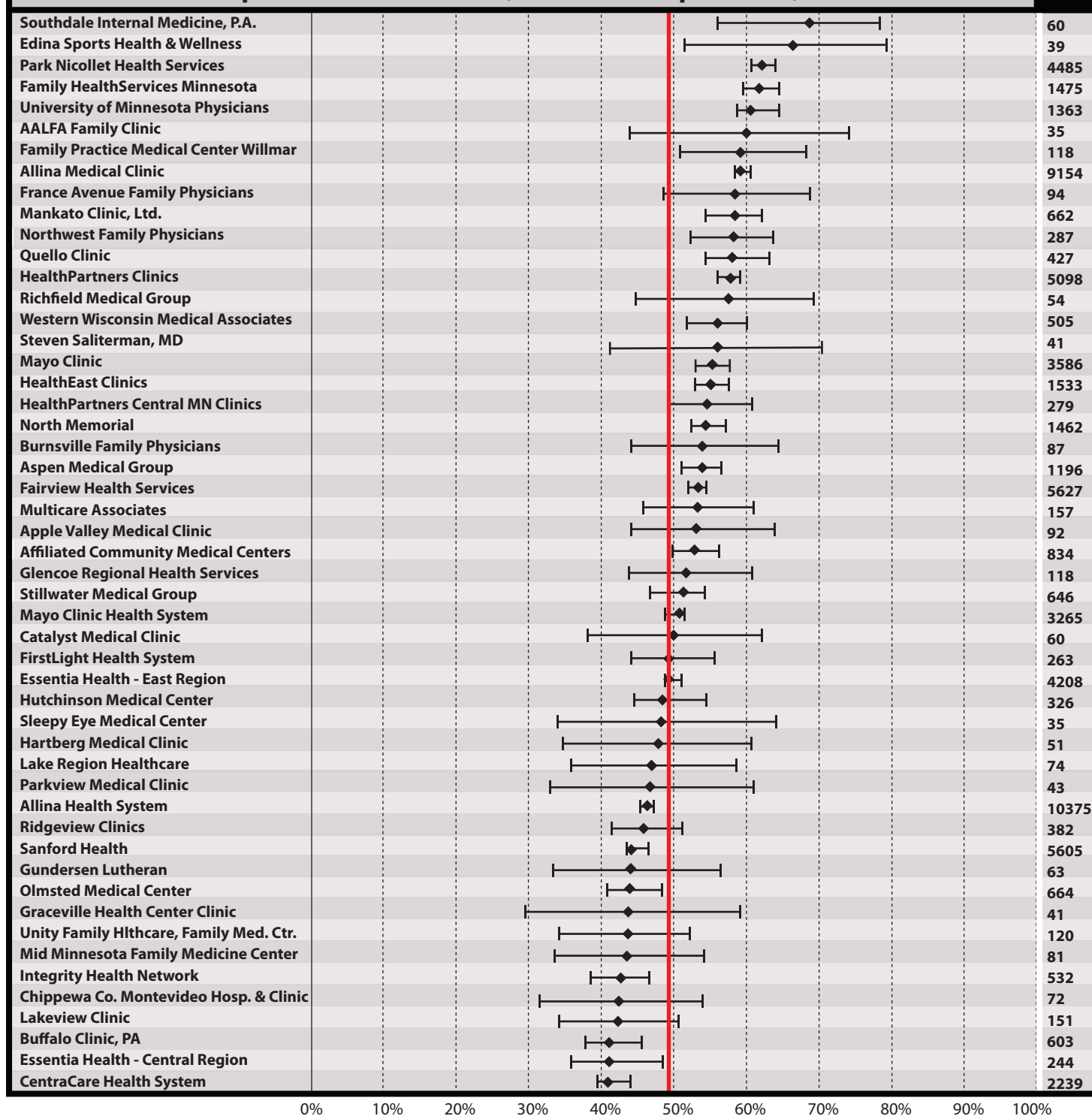
#### Northeast- 2 out of 37 (5%)

##### Essentia Health - East Region

- Duluth Clinic 1st St.
- West Duluth Clinic

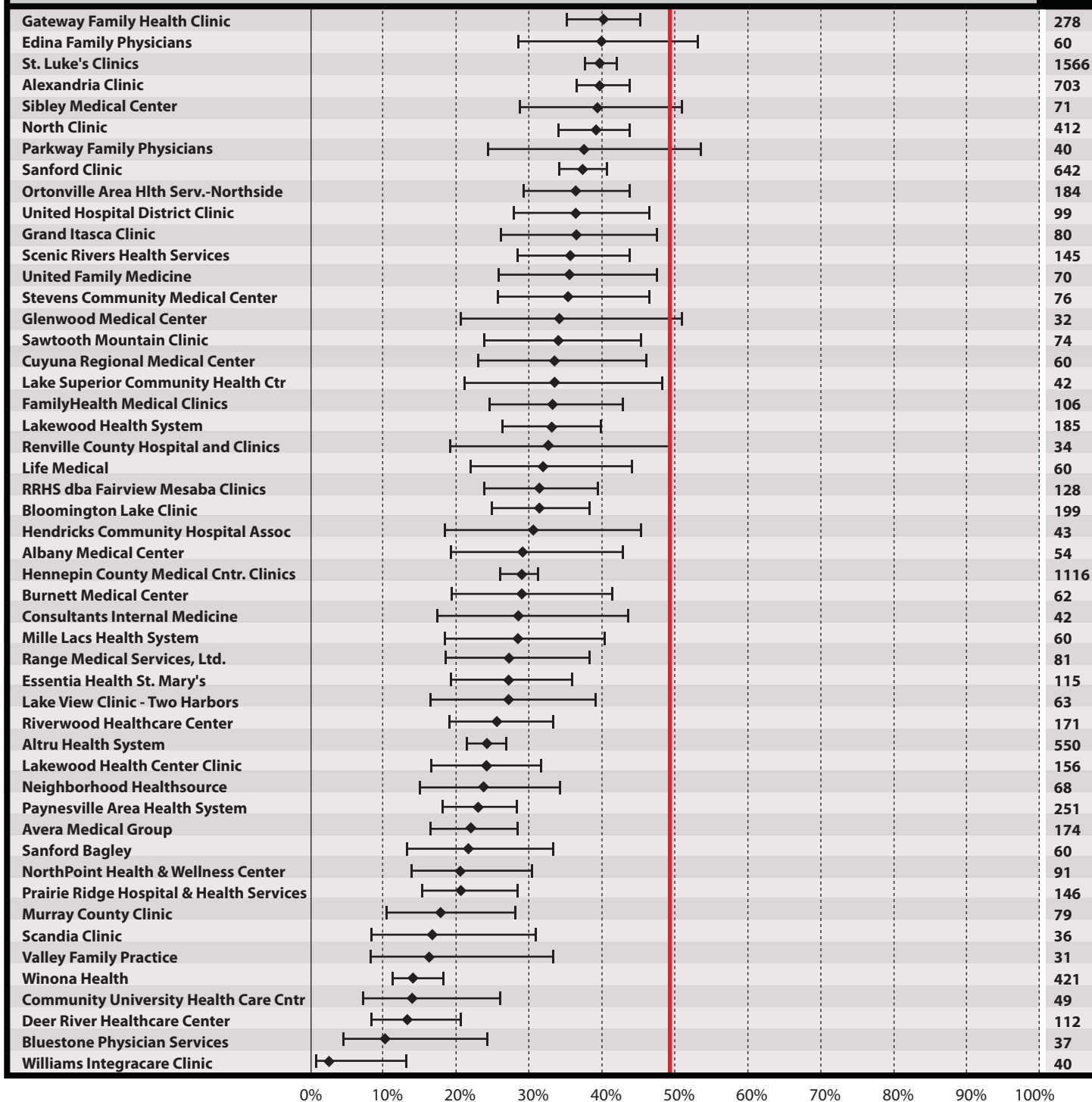
#### Northwest- 0 out of 20 (0%)



**Chart 3.2: Optimal Vascular Care (Medical Group Results)****n\***

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

RRHS - Range Regional Health Services

**Chart 3.2: Optimal Vascular Care (Medical Group Results) - continued****n\***

RRHS - Range Regional Health Services

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

## Performance Highlights - Medical Group Results

### Highest performers in 2012

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. **Southdale Internal Medicine, P.A.** set the benchmark of 68 percent of vascular patients in full compliance with all four vascular care components. There were 18 of 101 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

- Southdale Internal Medicine, P.A.
- Edina Sports Health & Wellness
- Park Nicollet Health Services
- Entira Family Clinics (formerly Family Health Services MN)
- University of Minnesota Physicians
- Family Practice Medical Center of Willmar
- Allina Medical Clinic
- Mankato Clinic, Ltd.
- Northwest Family Physicians
- Quello Clinic
- HealthPartners Clinics
- Western Wisconsin Medical Associates
- Mayo Clinic
- HealthEast Clinics
- North Memorial
- Aspen Medical Group
- Fairview Health Services
- Affiliated Community Medical Centers

### Biggest improvement from 2011-2012

Not applicable due to changes in the measurement specifications.

### Medical group performance over time (2010-2012)

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, 2011 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 2012 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).

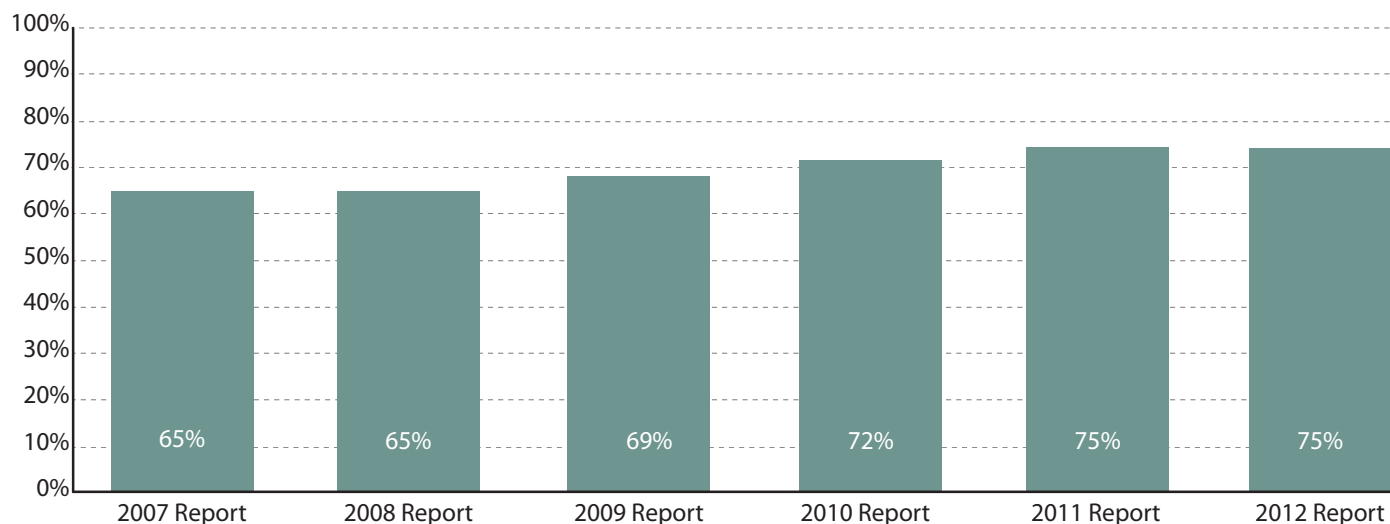
Data collected for this measure are from health plan claims and medical record review.

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

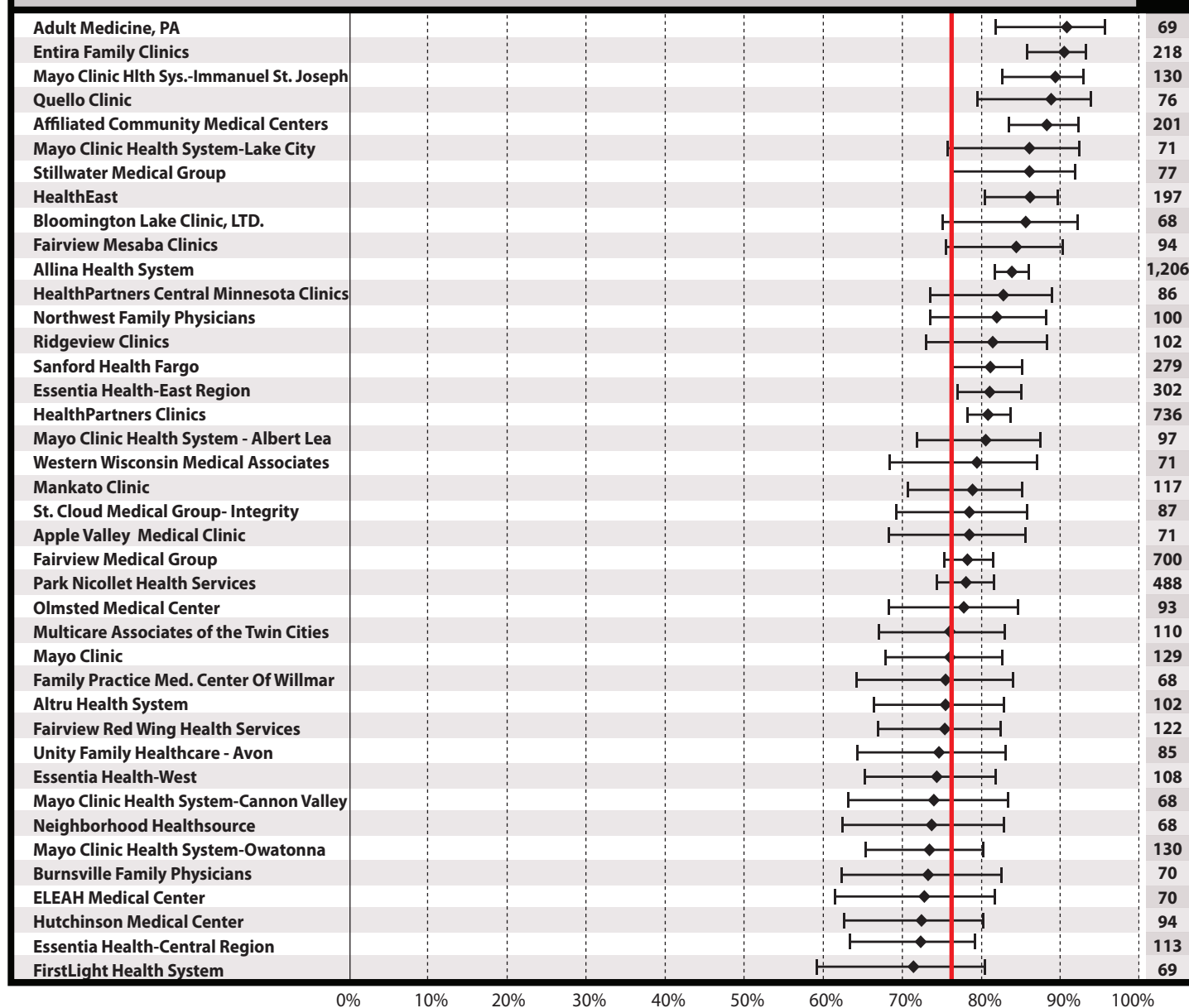
	Statewide Average (Weighted)	95% CI	Numerator (Patients who met target goal)	Denominator (Patients Sampled)	Total Eligible
BP <140/90 mmHg	75.0%	74.2%-75.7%	9,004	12,900	195,239

\*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**

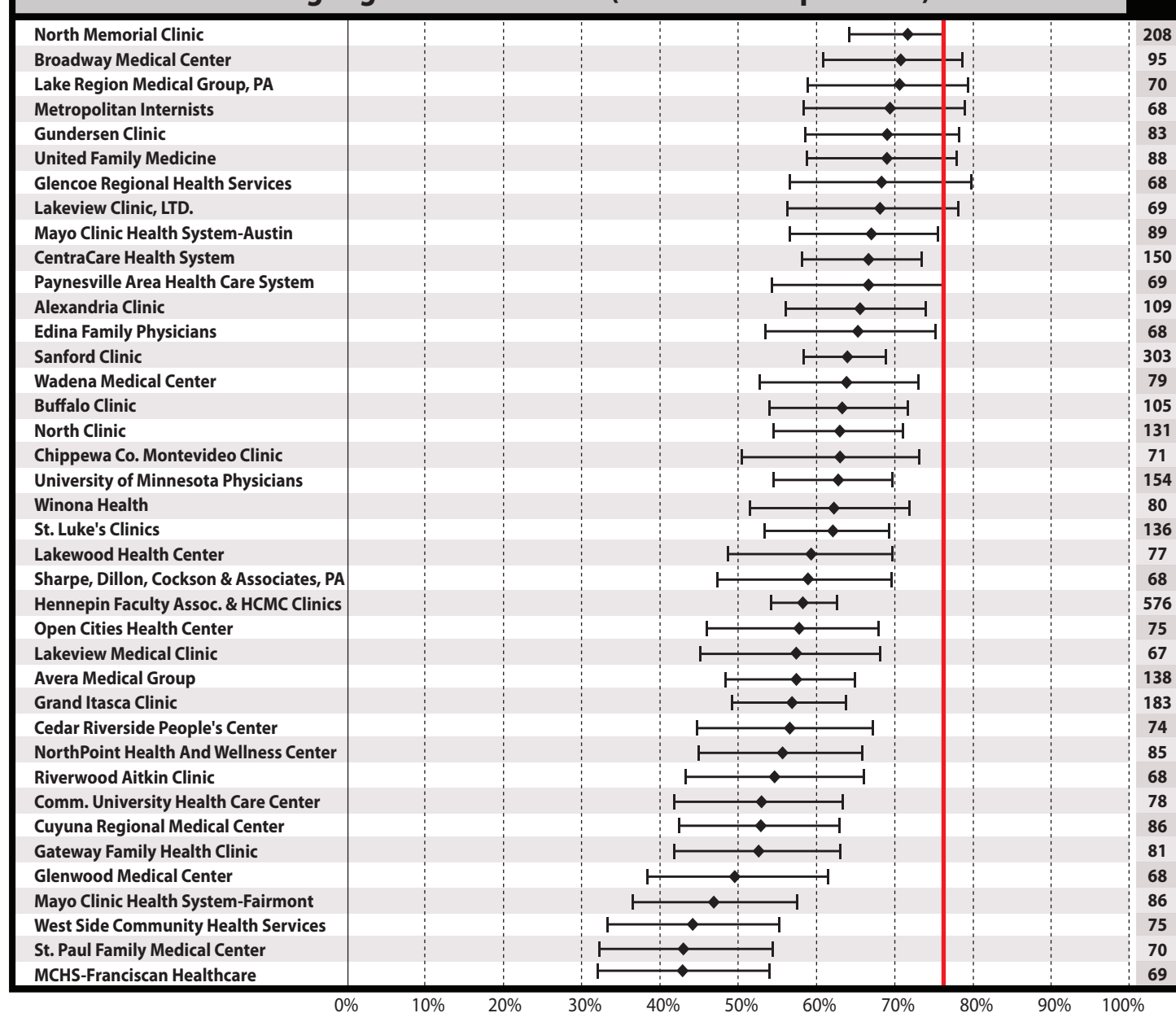


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

**Chart 4: Controlling High Blood Pressure (Medical Group Results)****n\*****Medical Group Average 76%**

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 4: Controlling High Blood Pressure (Medical Group Results) - continued**

MCHS - Mayo Clinic Health System

\* 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 2012

Medical group results showed that an average of 76 percent of patients with high blood pressure were appropriately controlled. **Adult Medicine, PA** set the benchmark of 91 percent of patients with controlled blood pressure. Twelve of 79 medical groups had rates and confidence intervals that were fully above the medical group average. They are below from high to low.

- Adult Medicine, PA
- Entira Family Clinics
- Mayo Clinic Health System - Immanuel St. Joseph
- Quello Clinic
- Affiliated Community Medical Centers
- Mayo Clinic Health System - Lake City
- Stillwater Medical Group
- HealthEast
- Allina Health System
- Sanford Health Fargo
- Essentia Health - East Region
- HealthPartners Clinics

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Controlling High Blood Pressure (medical group results) was made by **Mayo Clinic Health System - Lake City**, whose score increased by more than 28 percentage point increase.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

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

- Affiliated Community Medical Centers
- Entira Family Clinics
- HealthEast Clinics
- Mayo Clinic Health System - Immanuel St. Joseph

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

- Altru Health System
- Broadway Medical Center
- Neighborhood Healthsource
- Paynesville Area Health Care System
- Ridgeview Clinics
- Sanford Health Fargo
- St. Cloud Medical Group - Integrity

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

- Alexandria Clinic
- Gundersen Clinic
- Hennepin Faculty Associates & HCMC Clinics
- Mayo Clinic
- Park Nicollet Health Services
- United Family Medicine

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

- Family Practice Medical Center Of Willmar
- Sharpe Dillon Cockson & Associates PA

**Fifty-seven 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, 2011 - June 30, 2012 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

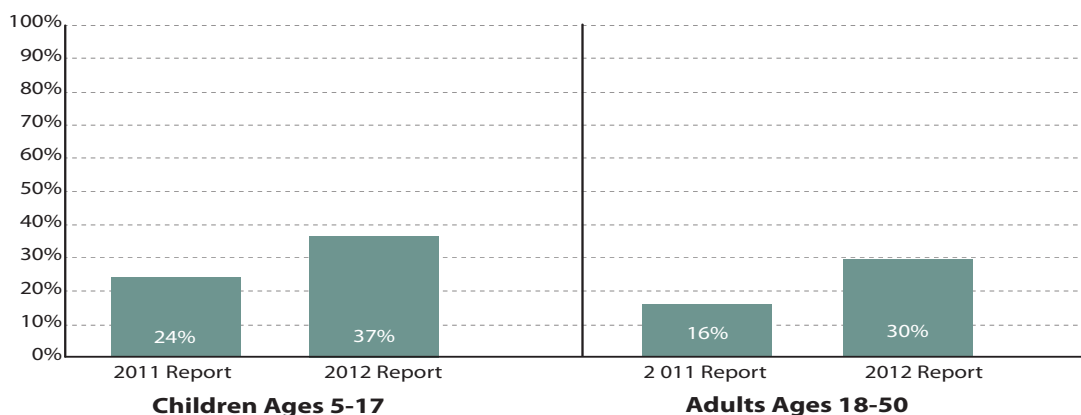
The statewide rate for Optimal Asthma Care is 37 percent for children ages 5-17 and 30 percent for adults ages 18-50. Table 5 displays the details of this statewide rate for both populations. Figure 5 shows the average rate for Optimal Asthma Care by age stratification over time. Since last year, there 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.

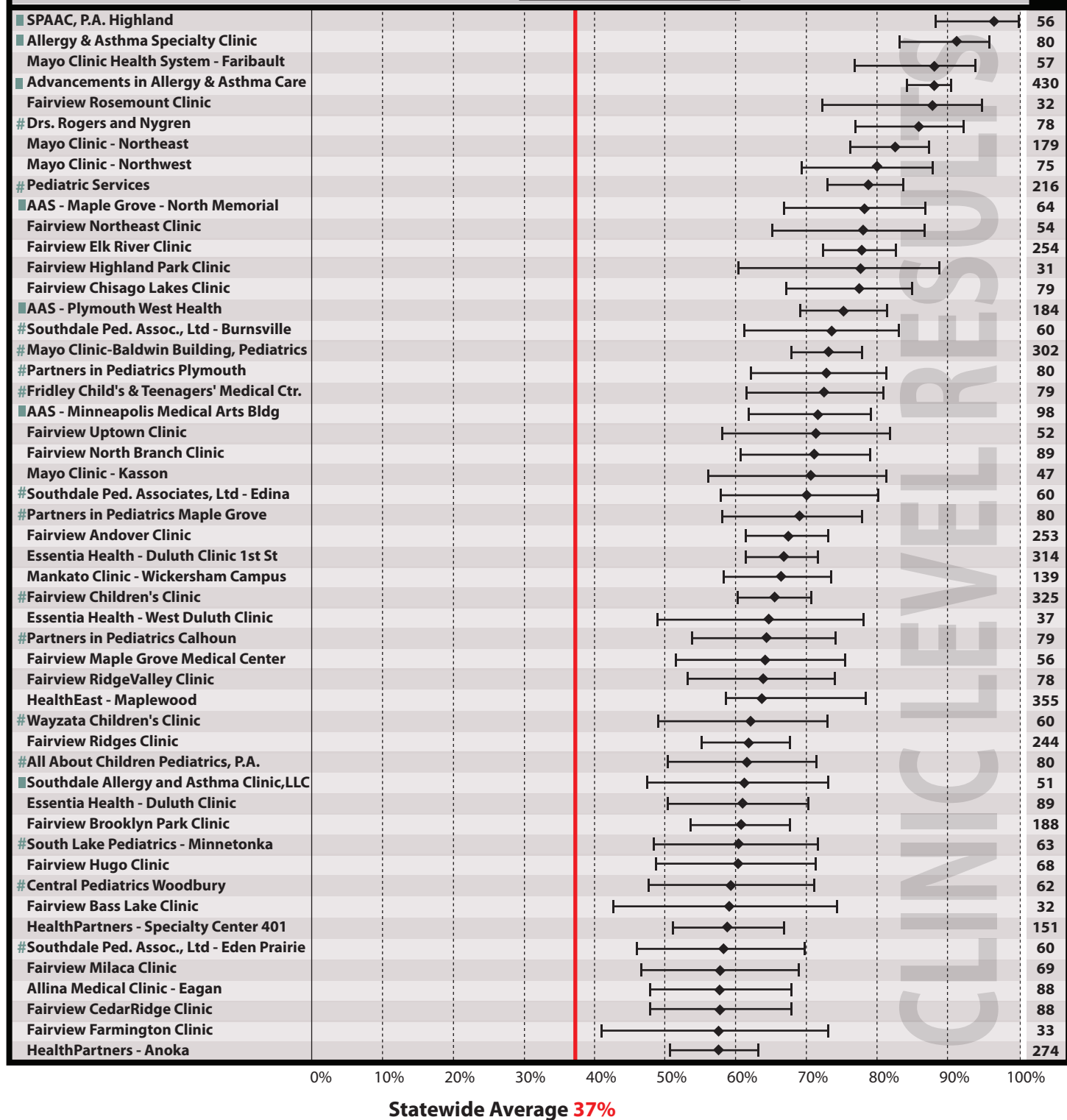
**Table 5: Statewide Rate for Optimal Asthma Care- Children and Adults**

	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Optimal Asthma Care- Children	37.2%	36.7%-37.7%	12,026	34,455	39,119
Optimal Asthma Care- Adults	30.2%	29.8%-30.5%	16,123	53,550	55,400

**Figure 5: Statewide Rates for Optimal Asthma Care Over Time**



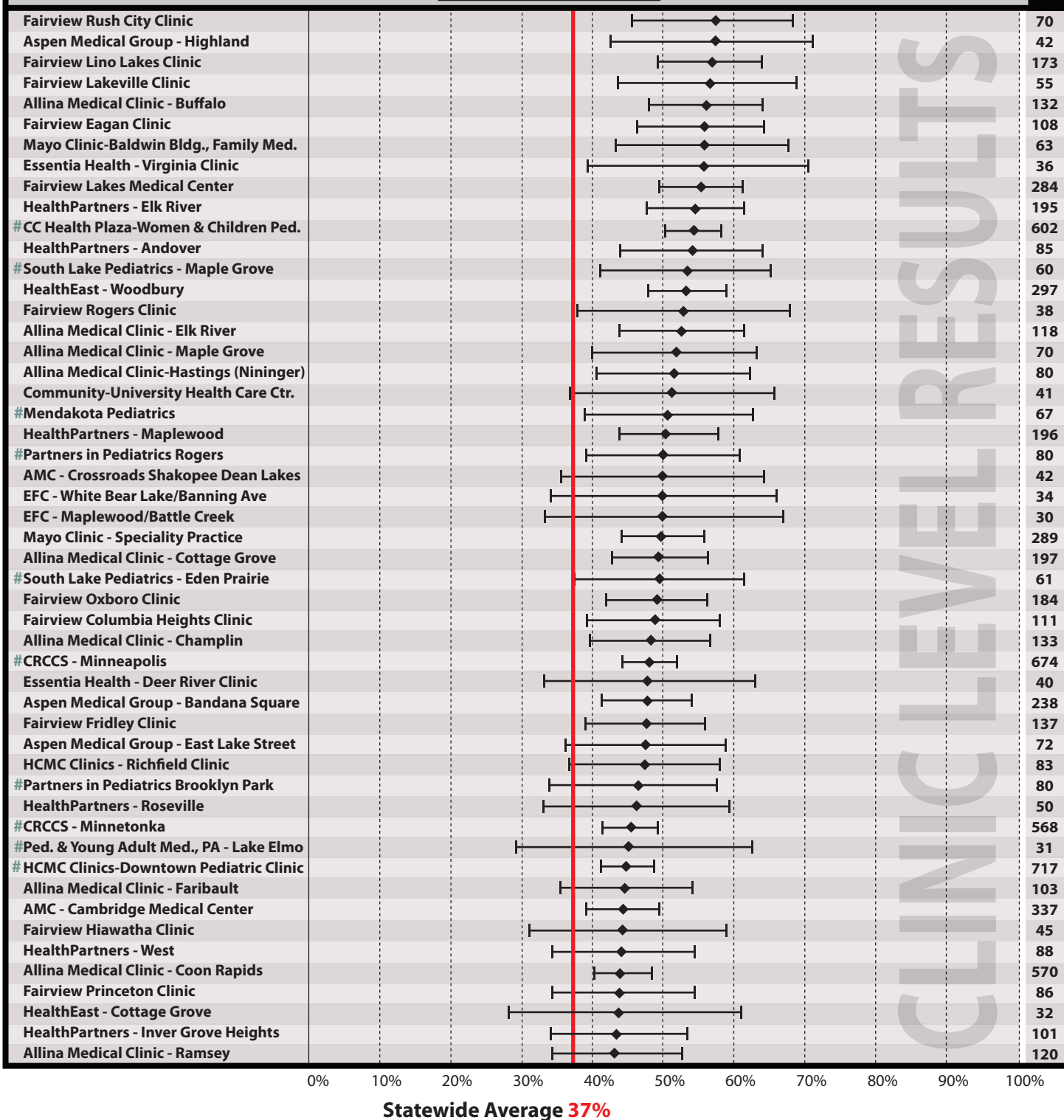
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

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

AAS - Allergy & Asthma Specialists, PA  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital

CPACE - Children's Pediatric & Adolescent Care of Minnesota  
 CRCCS - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MAAC - Minnesota Allergy and Asthma Consultants  
 MCHS - Mayo Clinic Health System

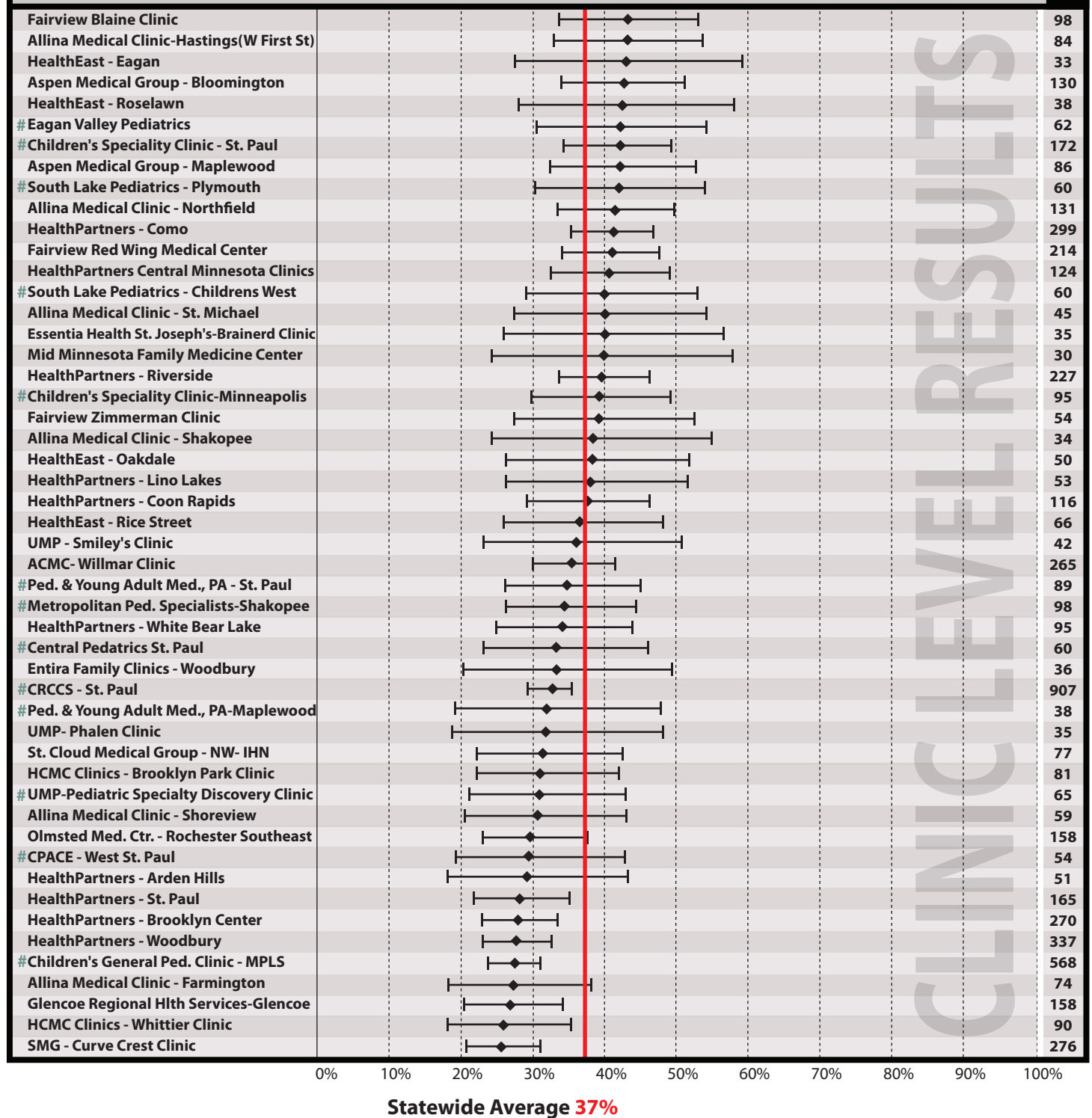
NH - Neighborhood Healthsource  
 PNC - Park Nicollet Clinic  
 SCMC - Steven's Community Medical Center  
 SMG - Stillwater Medical Group  
 SPAAC - St. Paul Allergy & Asthma Clinic, P.A.  
 UMP - University of Minnesota Physicians

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

AAS - Allergy & Asthma Specialists, PA  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital

CPACE - Children's Pediatric & Adolescent Care of Minnesota  
 CRCCS - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MAAC - Minnesota Allergy and Asthma Consultants  
 MCHS - Mayo Clinic Health System

NH - Neighborhood Healthsource  
 PNC - Park Nicollet Clinic  
 SCMC - Steven's Community Medical Center  
 SMG - Stillwater Medical Group  
 SPAAC - St. Paul Allergy & Asthma Clinic, PA  
 UMP - University of Minnesota Physicians

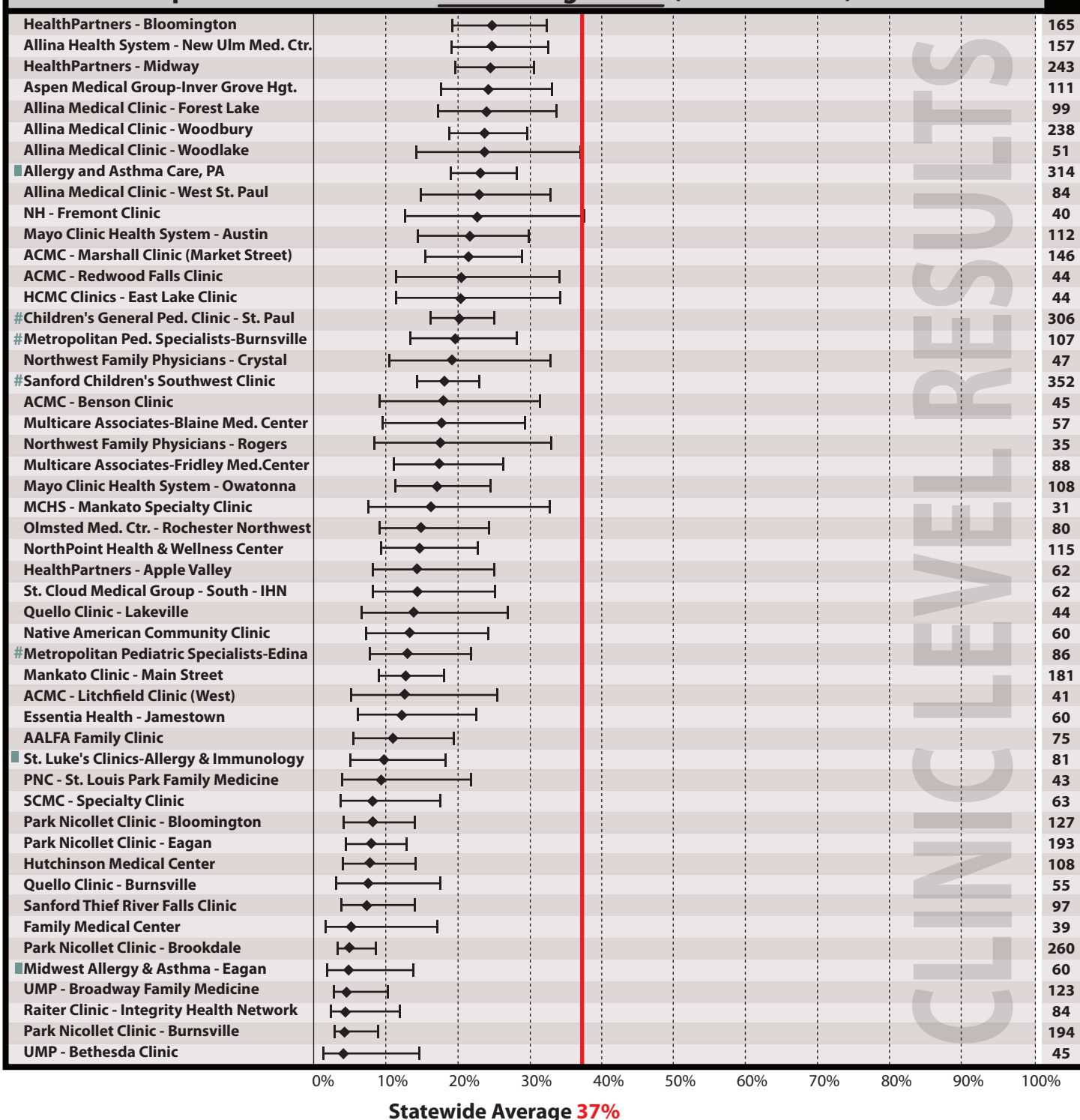
**Chart 5.1: Optimal Asthma Care- Children Ages 5-17 (Clinic Results) - continued****n\***

**AAS** - Allergy & Asthma Specialists, PA  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**CC** - CentraCare  
**CCMH** - Chippewa County Montevideo Hospital

**CPACE** - Children's Pediatric & Adolescent Care of Minnesota  
**CRCCS** - Children's Respiratory & Critical Care Specialists  
**EFC** - Entira Family Clinics (formerly Family Health Services MN)  
**HCMC** - Hennepin County Medical Center  
**MAAC** - Minnesota Allergy and Asthma Consultants  
**MCMS** - Mayo Clinic Health System

**NH** - Neighborhood Healthsource  
**PNC** - Park Nicollet Clinic  
**SCMC** - Steven's Community Medical Center  
**SMG** - Stillwater Medical Group  
**SPAAC** - St. Paul Allergy & Asthma Clinic, P.A.  
**UMP** - University of Minnesota Physicians

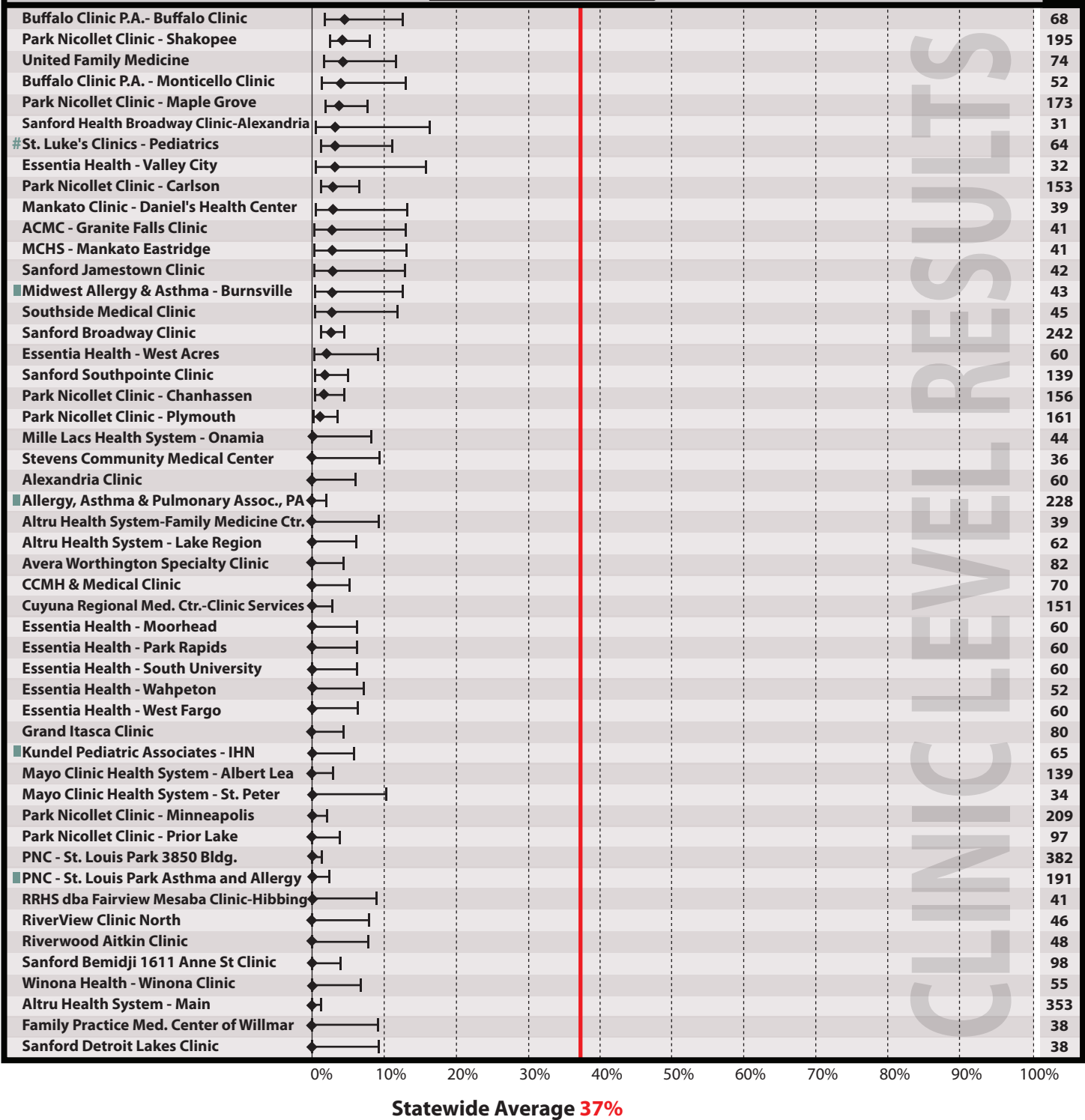


**Chart 5.1: Optimal Asthma Care- Children Ages 5-17 (Clinic Results) - continued****n\***

**AAS** - Allergy & Asthma Specialists, PA  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**CC** - CentraCare  
**CCMH** - Chippewa County Montevideo Hospital

**CPACE** - Children's Pediatric & Adolescent Care of Minnesota  
**CRCCS** - Children's Respiratory & Critical Care Specialists  
**EFC** - Entira Family Clinics (formerly Family Health Services MN)  
**HCMC** - Hennepin County Medical Center  
**MAAC** - Minnesota Allergy and Asthma Consultants  
**MCHS** - Mayo Clinic Health System

**NH** - Neighborhood Healthsource  
**PNC** - Park Nicollet Clinic  
**SCMC** - Steven's Community Medical Center  
**SMG** - Stillwater Medical Group  
**SPAAC** - St. Paul Allergy & Asthma Clinic, P.A.  
**UMP** - University of Minnesota Physicians

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

**AAS** - Allergy & Asthma Specialists, PA  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**CC** - CentraCare  
**CCMH** - Chippewa County Montevideo Hospital

**CPACE** - Children's Pediatric & Adolescent Care of Minnesota  
**CRCCS** - Children's Respiratory & Critical Care Specialists  
**EFC** - Entira Family Clinics (formerly Family Health Services MN)  
**HCMC** - Family Practice Medical Center  
**MAAC** - Minnesota Allergy and Asthma Consultants  
**MCHS** - Mayo Clinic Health System

**NH** - Neighborhood Healthsource  
**PNC** - Park Nicollet Clinic  
**SCMC** - Steven's Community Medical Center  
**SMG** - Stillwater Medical Group  
**SPAAC** - St. Paul Allergy & Asthma Clinic, P.A.  
**UMP** - University of Minnesota Physicians

## Performance Highlights - Clinic Results- Children

### Highest performers in 2012

Clinic results showed that an average of 37 percent of children ages 5-17 with asthma met all three required components in this measure. **St. Paul Allergy & Asthma Clinic, P.A. Highland** set the benchmark of 96 percent of children with asthma in compliance for all three components. There were 84 of 252 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**

- Buffalo
- Cambridge Medical Center
- Champlin
- Coon Rapids
- Cottage Grove
- Eagan
- Elk River
- Hastings (Nininger)
- Maple Grove

#### **Aspen Medical Group**

- Bandana Square
- Highland

#### **CentraCare Health System**

- Health Plaza-Women & Children Pediatrics

#### **Central Pediatrics**

- Woodbury

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

- Minneapolis
- Minnetonka

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

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

#### **Fairview Health Services**

- Andover
- Bass Lake
- Brooklyn Park
- CedarRidge
- Children's
- Chisago Lakes
- Columbia Heights
- Eagan
- Elk River
- Farmington
- Fridley
- Highland
- Hugo
- Lakes Medical Center
- Lakeville
- Lino Lakes
- Maple Grove Medical Center
- Milaca
- North Branch
- Northeast
- Oxboro
- Ridges
- RidgeValley
- Rogers
- Rosemount
- Rush City
- Uptown

#### **Friley Children's & Teenagers' Medical Center**

#### **HealthEast Clinics**

- Maplewood
- Woodbury

#### **HealthPartners Clinics**

- Andover
- Anoka
- Elk River

- Maplewood
- Specialty Center 401

#### **Hennepin County Medical Center (HCMC) Clinics**

- Downtown Pediatric Clinic

#### **Mankato Clinic**

- Wickersham

#### **Mayo Clinic**

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

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

- Faribault

#### **Mendakota Pediatrics**

#### **Partners in Pediatrics**

- Calhoun
- Maple Grove
- Plymouth
- Rogers

#### **Pediatrics and Adolescent Services**

- Drs. Rogers and Nygren

#### **Pediatric Services**

#### **South Lake Pediatrics**

- Maple Grove
- Minnetonka

#### **Southdale Allergy & Asthma Clinic**

#### **Southdale Pediatric Associates, Ltd.**

- Burnsville
- Eden Prairie
- Edina

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

- Highland

#### **Wayzata Children's Clinic**

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Asthma Care for children ages 5-17 (clinic results) was made by **St. Paul Allergy & Asthma Care, P.A. Highland**, whose score increased by more than 94 percentage points.

### Clinic performance over time (2010-2012)

Not applicable.

## Performance Highlights - Clinic Results- Children

### Highest performers in 2012 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- 11 out of 25 (44%)

##### Allina Medical Clinic

- Buffalo
- Cambridge Medical Center
- Elk River

##### CentraCare Health System

- Health Plaza-Women

##### & Children

##### Pediatrics

##### Fairview Health Services

- Elk River
- Lakes Medical Center
- Milaca

##### • North Branch

##### • Rush City

##### HealthPartners Clinics

- Elk River
- Maplewood

#### West Metro- 31 out of 76 (41%)

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

##### All About Children Pediatrics, P.A. Allergy and Asthma Specialists, PA

- Maple Grove
- Minneapolis
- Plymouth

##### Allina Medical Clinic

- Champlin
- Maple Grove

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

- Minneapolis
- Minnetonka

##### Fairview Health Services

- Bass Lake
- Brooklyn Park
- Children's
- Maple Grove Medical Center
- Northeast
- Oxboro
- RidgeValley

##### • Rogers

##### • Uptown

##### Hennepin County Medical Center (HCMC Clinics

- Downtown Pediatric Clinic

##### Partners in Pediatrics

- Calhoun
- Maple Grove
- Plymouth
- Rogers

##### Pediatrics and Adolescent Services

- Drs. Rogers and Nygren

##### Pediatric Services

##### South Lake Pediatrics

- Maple Grove
- Minnetonka

##### Southdale Allergy & Asthma Clinic

##### Southdale Pediatric Associates, Ltd.

- Eden Prairie
- Edina



#### East Metro- 29 out of 82 (35%)

##### Allina Medical Clinic

- Coon Rapids
- Cottage Grove
- Eagan
- Hastings (Nininger)

##### Aspen Medical Group

- Bandana Square
- Highland

##### Central Pediatrics

- Woodbury

##### Fairview Health Services

- Andover
- CedarRidge
- Columbia Heights

##### • Eagan

##### • Farmington

##### • Fridley

##### • Highland

##### • Hugo

##### • Lakeville

##### • Lino Lakes

##### • Ridges

##### • Rosemount

##### Friley Children's & Teenagers' Medical Center

##### HealthEast Clinics

- Maplewood
- Woodbury

##### HealthPartners Clinics

- Andover
- Anoka
- Maplewood
- Specialty Center 401

##### Mendakota Pediatrics

##### Southdale Pediatric Associates, Ltd.

- Burnsville

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

- Highland

## Performance Highlights - Clinic Results- Children

### Highest Performers in 2012 by Region- *continued*

#### Southeast- 8 out of 23 (35%)

**Mankato Clinic**

- Wickersham

**Mayo Clinic**

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

- Northeast

- Northwest

- Specialty Practice

**Mayo Clinic Health System**

- Faribault

#### Northeast-2 out of 11 (18%)

**Essentia Health - East Region**

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

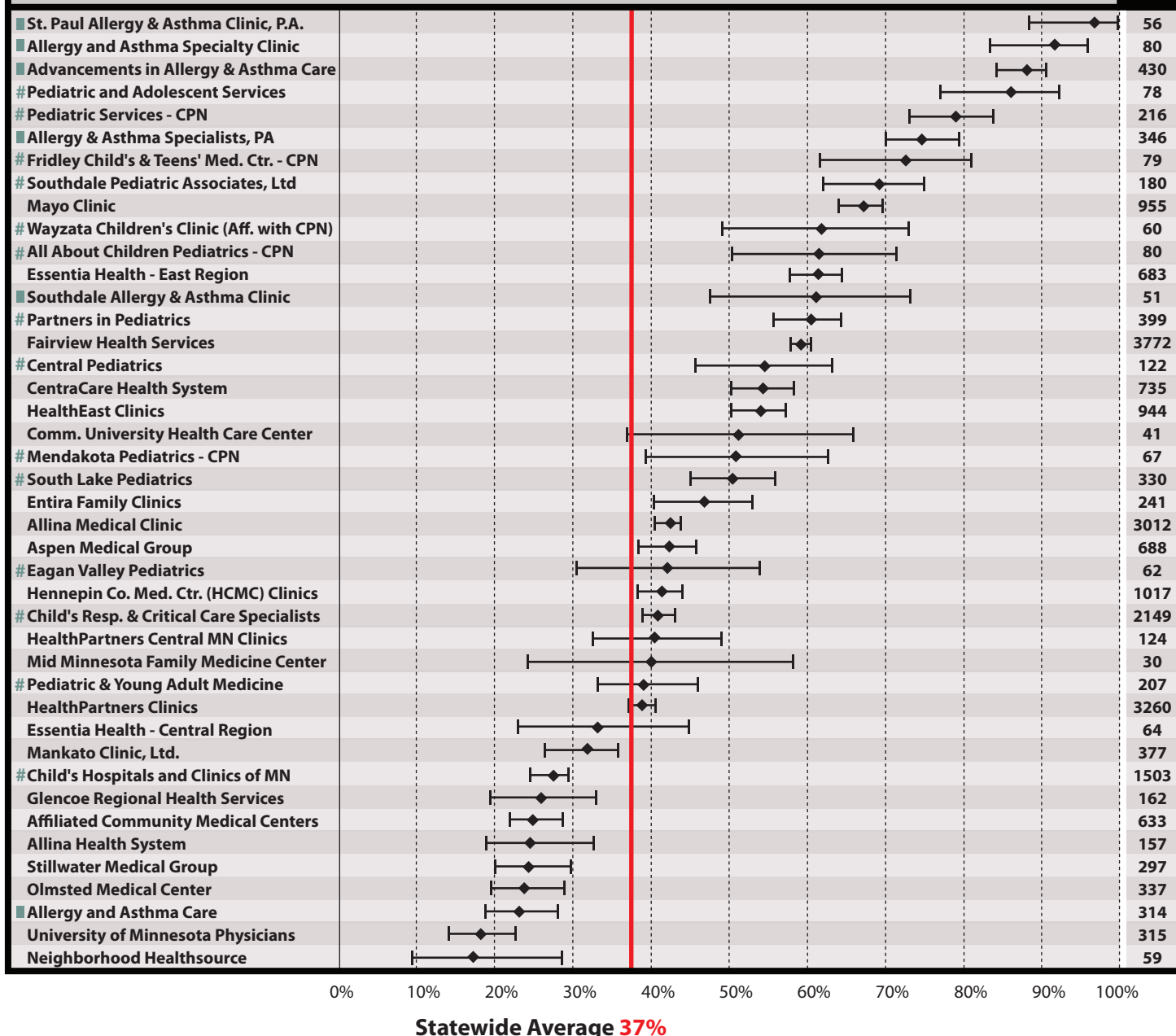
#### Southwest- 1 out of 16 (6%)

**Allergy and Asthma Specialty Clinic**

#### Northwest- 0 out of 6 (0%)

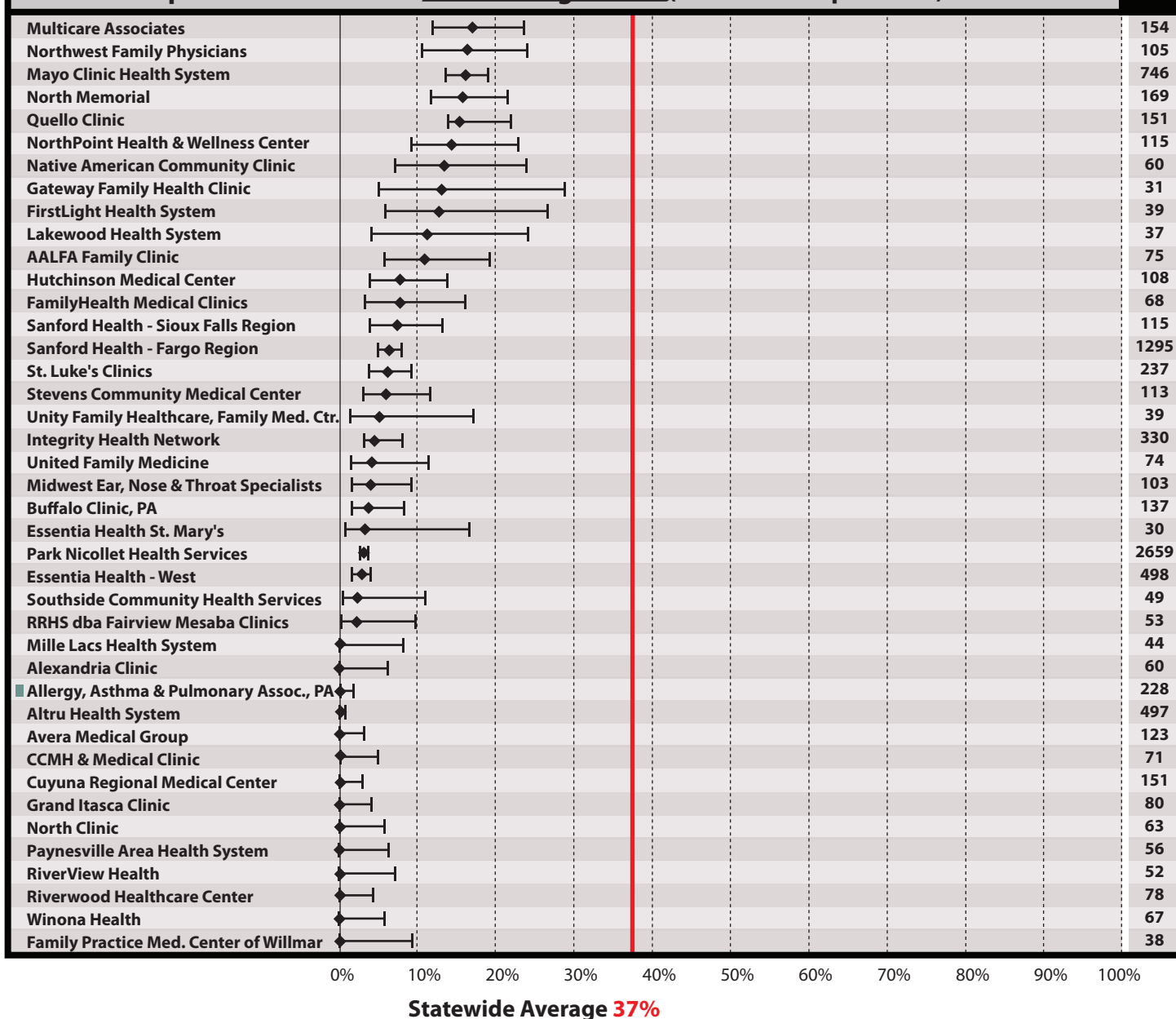
#### North Dakota- 0 out of 12 (0%)



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

CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 RRHS - Range Regional Health Services



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

CCMH - Chippewa County Montevideo Hospital  
 CPN - Children's Physician Network  
 RRHS - Range Regional Health Services



## Performance Highlights - Medical Group Results- Children

### Highest performers in 2012

Medical Group results showed that an average of 37 percent of children ages 5-17 with asthma met all three required components in this measure. **St. Paul Allergy & Asthma Care, P.A.** set the benchmark of 96 percent of children with asthma in compliance for all three components. There were 25 of 83 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

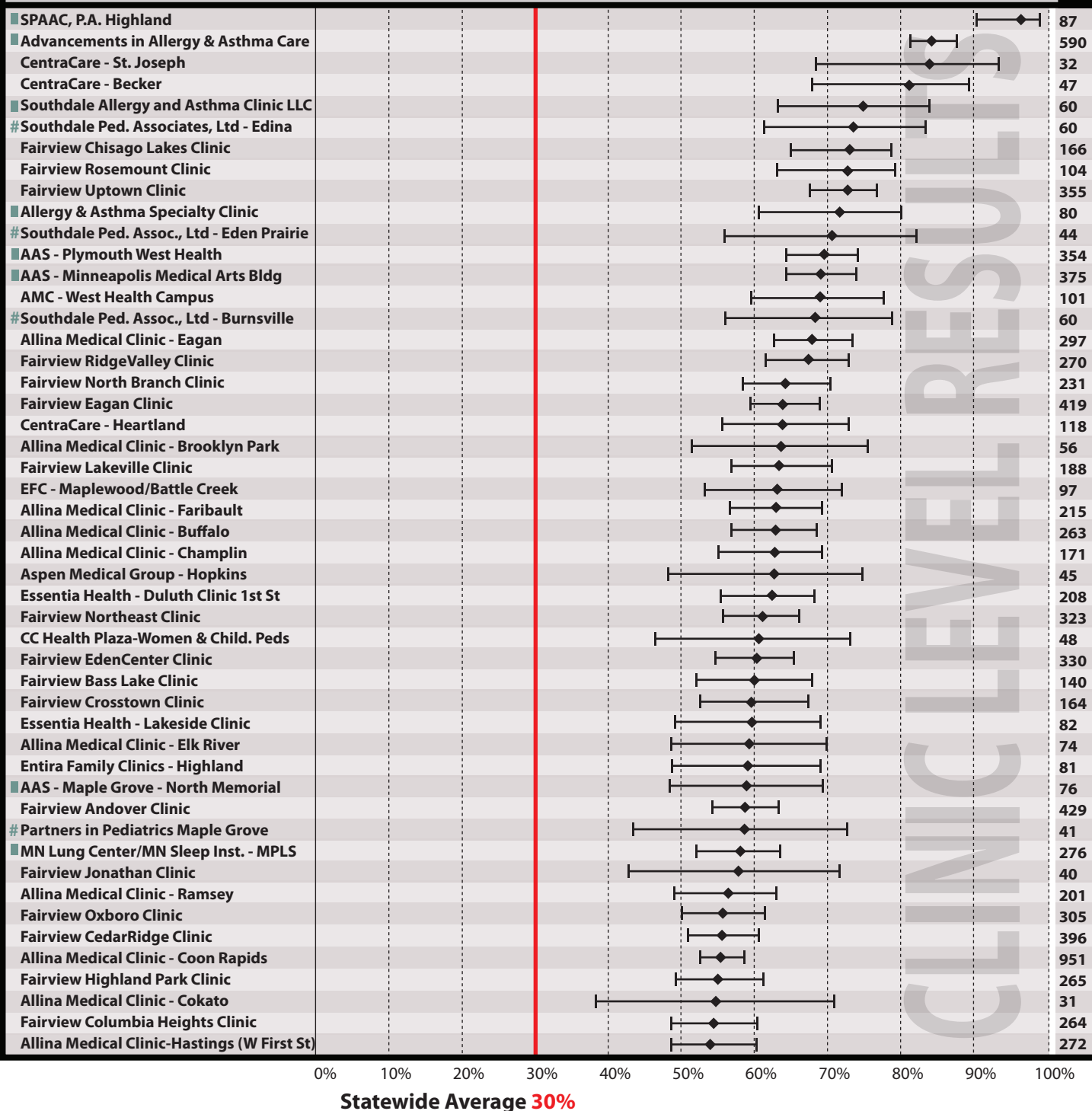
- St. Paul Allergy & Asthma Clinic, P.A.
- Allergy and Asthma Specialty Clinic
- Advancements in Allergy and Asthma Care
- Pediatric and Adolescent Services
- Pediatric Services - Children's Physician Network
- Allergy & Asthma Specialists, PA
- Fridley Children's & Teenagers' Medical Center - Children's Physician Network
- Southdale Pediatric Associates, Ltd
- Mayo Clinic
- Wayzata Children's Clinic (Affiliated with Children's Physician Network)
- All About Children Pediatrics - Children's Physician Network
- Essentia Health - East Region
- Southdale Allergy & Asthma Clinic
- Partners in Pediatrics
- Fairview Health Services
- Central Pediatrics
- CentraCare Health System
- HealthEast Clinics
- Mendakota Pediatrics - Children's Physician Network
- South Lake Pediatrics
- Entira Family Clinics
- Allina Medical Clinic
- Aspen Medical Group
- Hennepin County Medical Center (HCMC) Clinics
- Children's Respiratory & Critical Care Specialists

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Asthma Care for children ages 5-17 (medical group results) was made by **St. Paul Allergy & Asthma Care, P.A.** which had a 94 percentage point increase.

### Medical group performance over time (2010-2012)

Not applicable.

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

■ Allergy/Immunology

#Pediatric

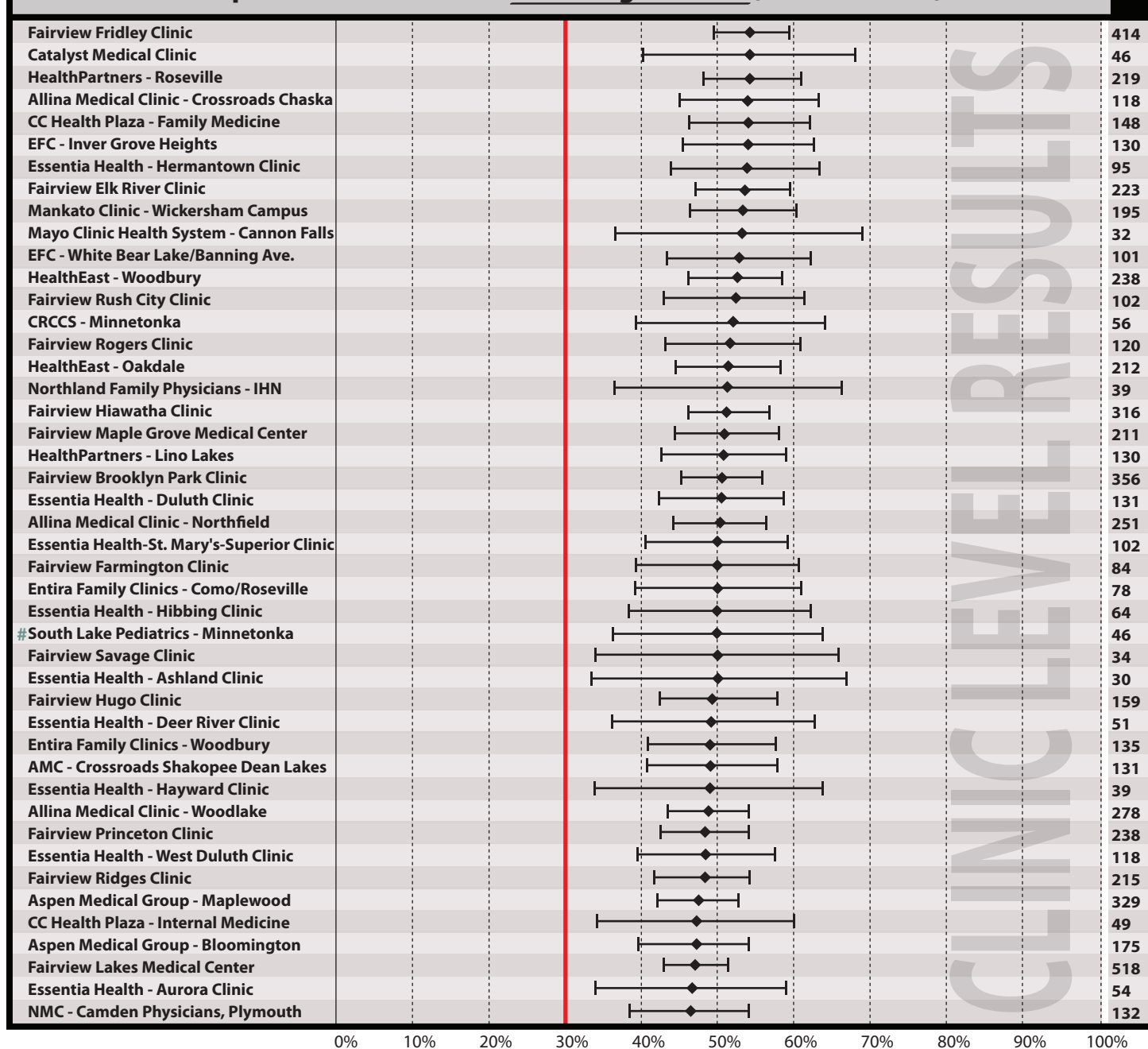
— Lower Confidence Level/Upper Confidence Level

n\* = sample size

AAS - Allergy & Asthma Specialty Clinic  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 ANGMA - Abbot Northwestern General  
 Medicine Associates  
 CC - CentraCare

CCMH - Chippewa County Montevideo Hospital  
 CRCC - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MCHS - Mayo Health System  
 MLC MSI - Minnesota Lung Center/Minnesota Sleep Institute  
 NC - North Clinic

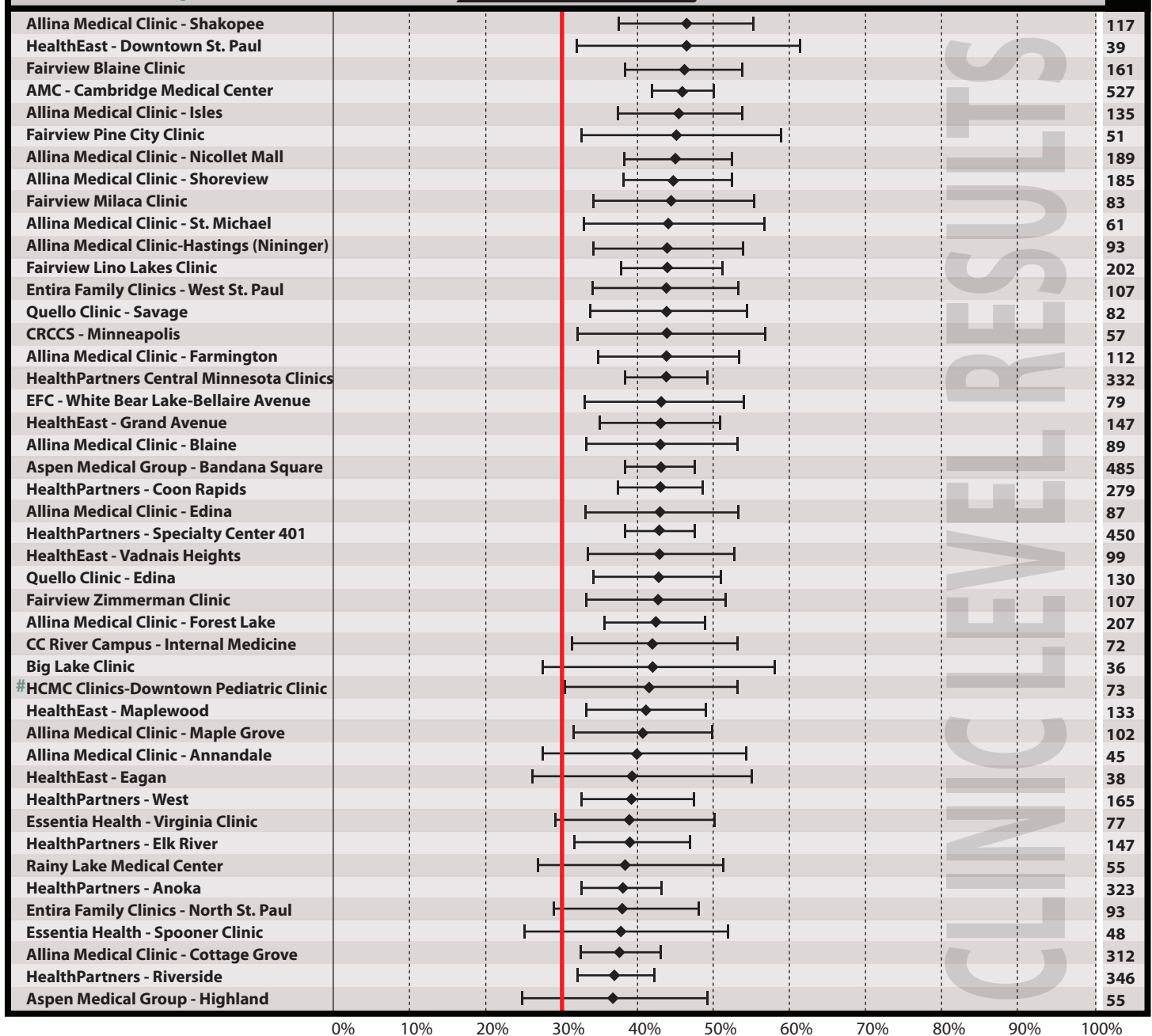
NH - Neighborhood Healthsource  
 NMC - North Memorial Clinic  
 OAHS - Ortonville Area Health Services  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group  
 UMP - University of Minnesota Physicians

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued** **n\*****Statewide Average 30%**
■ Allergy/Immunology 
 # Pediatric 
 |—| Lower Confidence Level/Upper Confidence Level 
 n\* = sample size

**AAS** - Allergy & Asthma Specialty Clinic  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**ANGMA** - Abbot Northwestern General Medicine Associates  
**CC** - CentraCare

**CCMH** - Chippewa County Montevideo Hospital  
**CRCC** - Children's Respiratory & Critical Care Specialists  
**EFC** - Enitra Family Clinics (formerly Family Health Services MN)  
**HCMC** - Hennepin County Medical Center  
**MCHS** - Mayo Health System  
**MLC MSI** - Minnesota Lung Center/Minnesota Sleep Institute  
**NC** - North Clinic

**NH** - Neighborhood Health Source  
**NMC** - North Memorial Clinic  
**OAHS** - Ortonville Area Health Services  
**PNC** - Park Nicollet Clinic  
**RRHS** - Range Regional Health Services  
**SMG** - Stillwater Medical Group  
**UMP** - University of Minnesota Physicians

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued****n\*****Statewide Average 30%**

■ Allergy/Immunology

#Pediatric

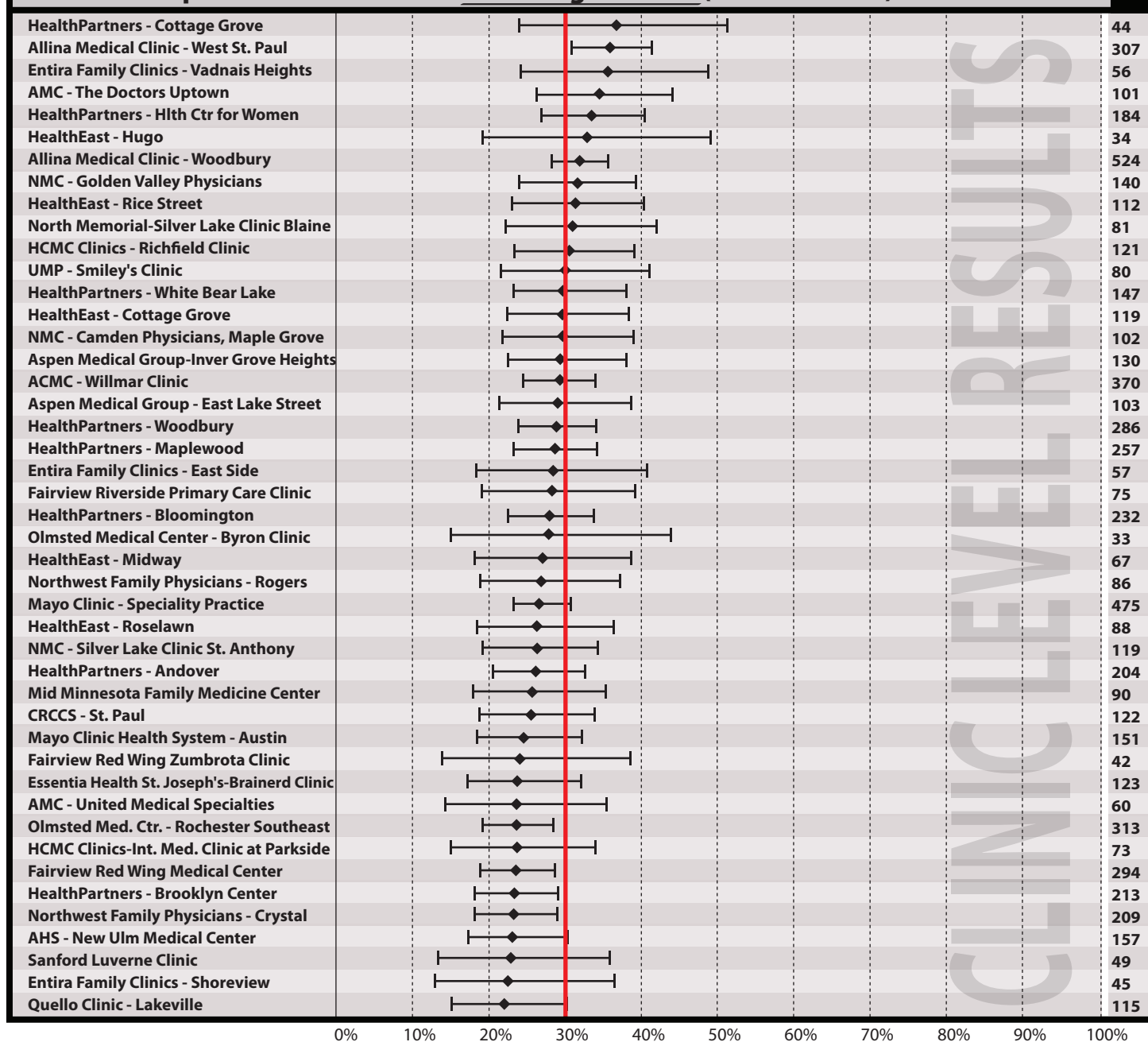
— Lower Confidence Level/Upper Confidence Level

n\* = sample size

AAS-Allergy & Asthma Specialty Clinic  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 ANGMA - Abbot Northwestern General  
 Medicine Associates  
 CC - CentraCare

CCMH-Chippewa County Montevideo Hospital  
 CRCC - Children's Respiratory & Critical Care Specialists  
 ETC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MCHS - Mayo Health System  
 MLC MSI-Minnesota Lung Center/Minnesota Sleep Institute  
 NC-North Clinic

NH - Neighborhood Healthsource  
 NMC-North Memorial Clinic  
 OAHS - Ortonville Area Health Services  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group  
 UMP - University of Minnesota Physicians

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued****n\*****Statewide Average 30%**

■ Allergy/Immunology

#Pediatric

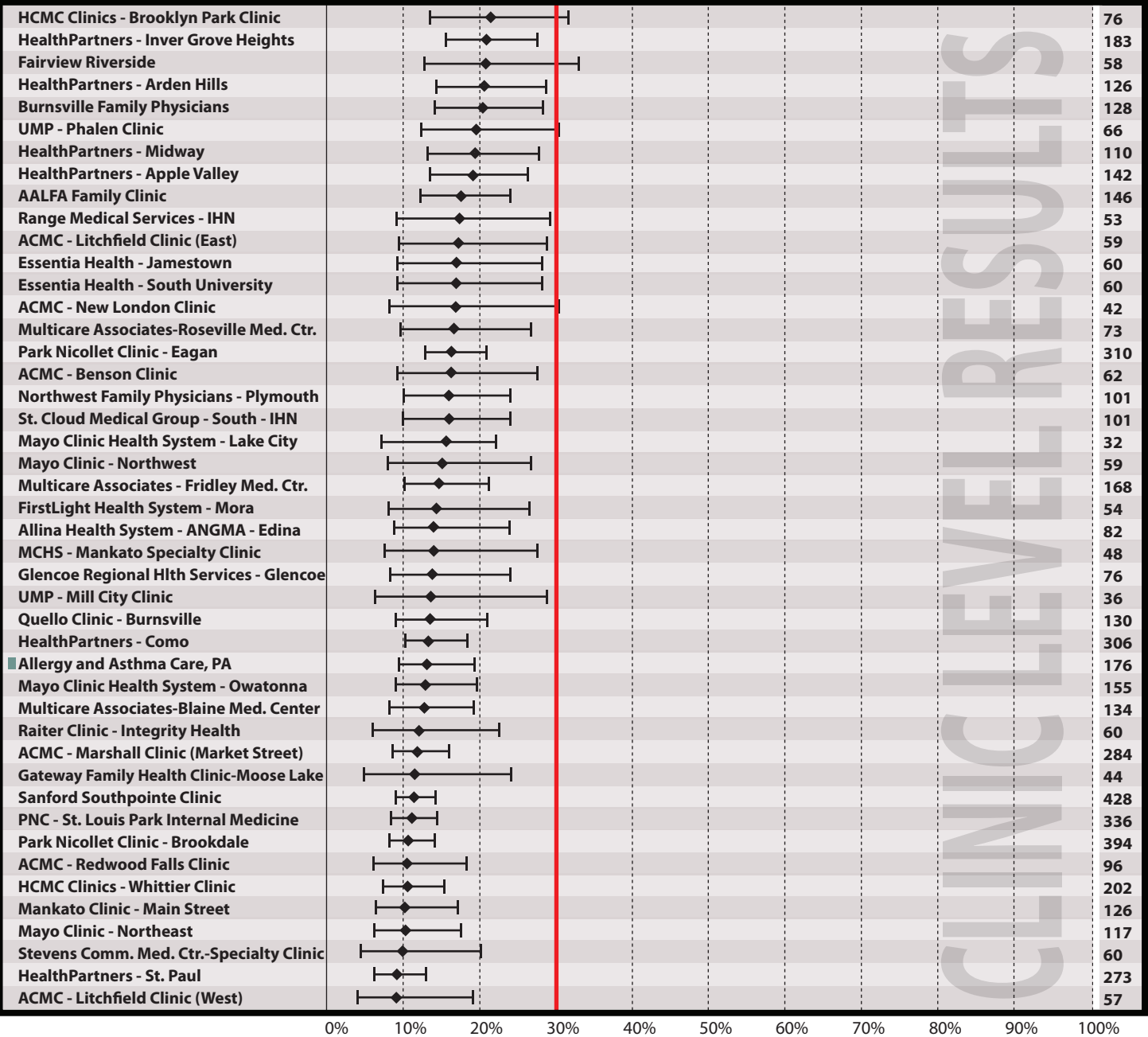
— Lower Confidence Level/Upper Confidence Level

n\* = sample size

AAS - Allergy & Asthma Specialty Clinic  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 ANGMA - Abbot Northwestern General  
 Medicine Associates  
 CC - CentraCare

CCMH - Chippewa County Montevideo Hospital  
 CRCC - Children's Respiratory & Critical Care Specialists  
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 MLC MSI - Minnesota Lung Center/Minnesota Sleep Institute  
 NC - North Clinic

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 NMC - North Memorial Clinic  
 OAHS - Ortonville Area Health Services  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group  
 UMP - University of Minnesota Physicians

**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued****n\*****Statewide Average 30%**

■ Allergy/Immunology

#Pediatric

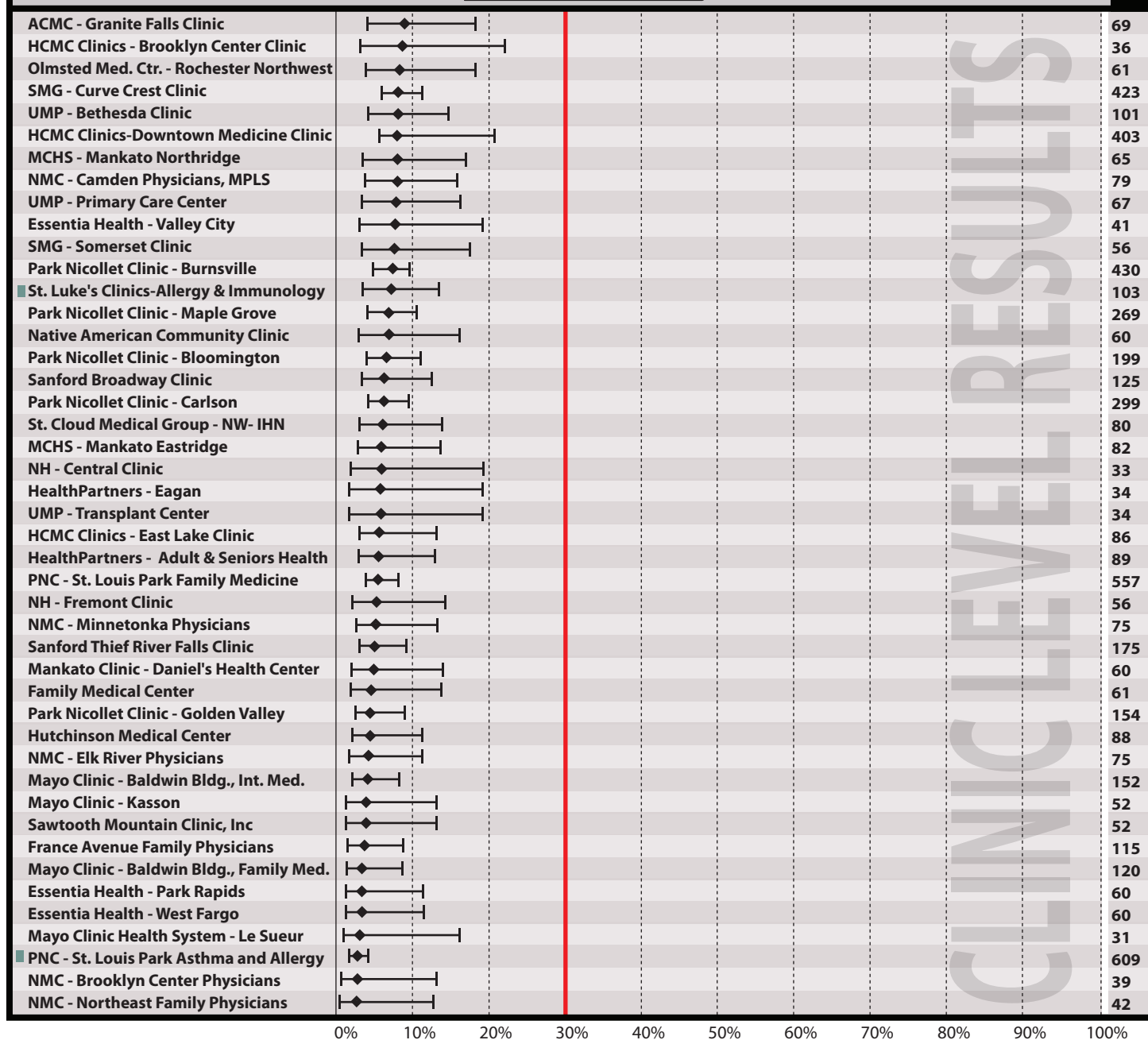
| Lower Confidence Level/Upper Confidence Level

n\* = sample size

AAS - Allergy & Asthma Specialty Clinic  
 ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 ANGMA - Abbot Northwestern General  
 Medicine Associates  
 CC - CentraCare

CCMH - Chippewa County Montevideo Hospital  
 CRCC - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MCHS - Mayo Health System  
 MLC MSI - Minnesota Lung Center/Minnesota Sleep Institute  
 NC - North Clinic

NH - Neighborhood Healthsource  
 NMC - North Memorial Clinic  
 OAHS - Ortonville Area Health Services  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group  
 UMP - University of Minnesota Physicians

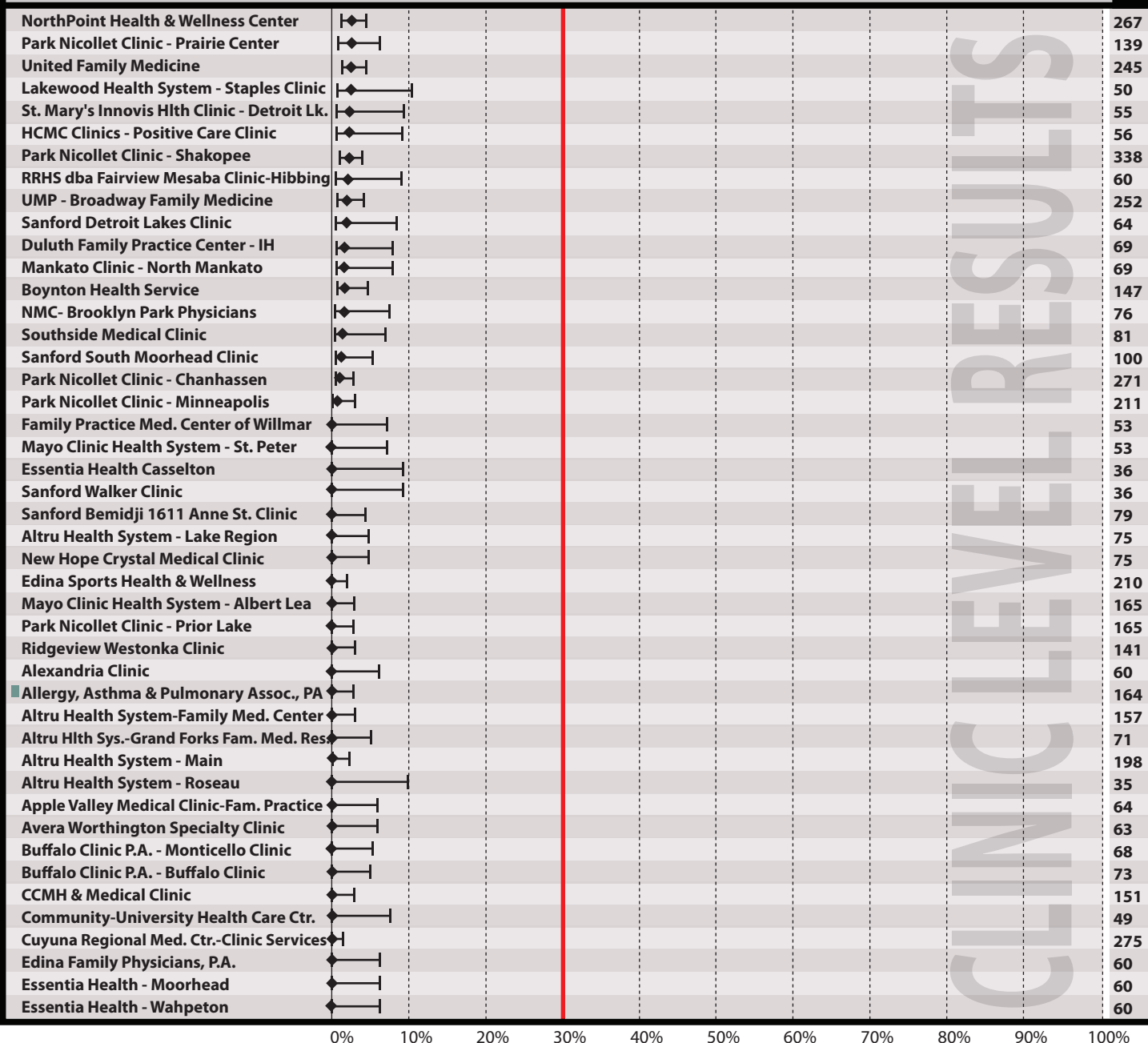
**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued****n\*****Statewide Average 30%**
■ Allergy/Immunology 
 # Pediatric 
 | Lower Confidence Level/Upper Confidence Level 
 n\* = sample size

**AAS** - Allergy & Asthma Specialty Clinic  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**ANGMA** - Abbot Northwestern General Medicine Associates  
**CC** - CentraCare

**CCMH** - Chippewa County Montevideo Hospital  
**CRCC** - Children's Respiratory & Critical Care Specialists  
**EFC** - Entira Family Clinics (formerly Family Health Services MN)  
**HCMC** - Hennepin County Medical Center  
**MCHS** - Mayo Health System  
**MLC MSI** - Minnesota Lung Center/Minnesota Sleep Institute  
**NC** - North Clinic

**NH** - Neighborhood Healthsource  
**NMC** - North Memorial Clinic  
**OAHS** - Ortonville Area Health Services  
**PNC** - Park Nicollet Clinic  
**RRHS** - Range Regional Health Services  
**SMG** - Stillwater Medical Group  
**UMP** - University of Minnesota Physicians

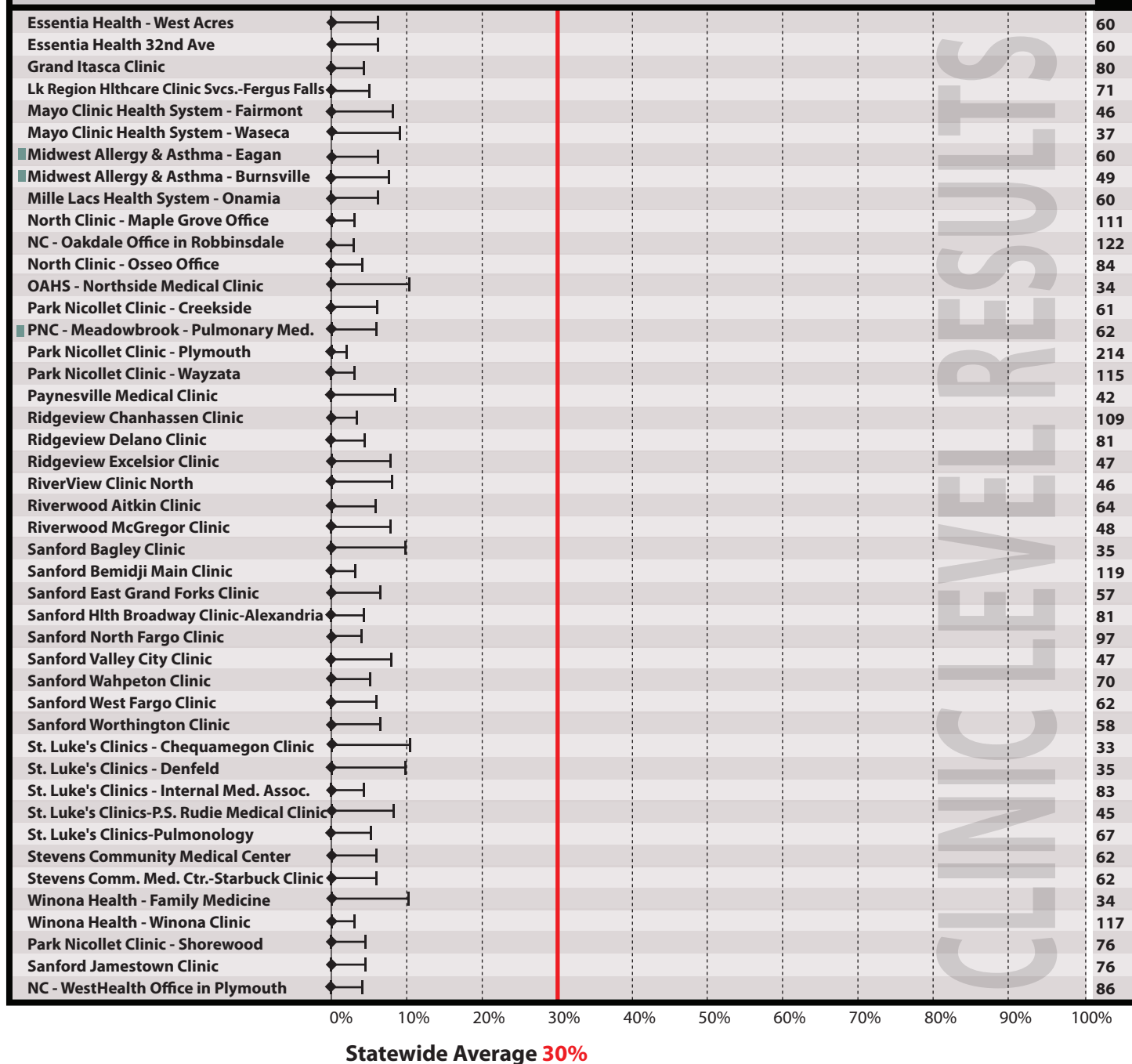


**Chart 5.3: Optimal Asthma Care- Adults Ages 18-50 (Clinic Results) - continued****n\*****Statewide Average 30%**
■ Allergy/Immunology 
 ■ Pediatric 
 | Lower Confidence Level/Upper Confidence Level 
 n\* = sample size

**AAS** - Allergy & Asthma Specialty Clinic  
**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**ANGMA** - Abbot Northwestern General Medicine Associates  
**CC** - CentraCare

**CCMH** - Chippewa County Montevideo Hospital  
**CRCC** - Children's Respiratory & Critical Care Specialists  
**EFC** - Entira Family Clinics (formerly Family Health Services MN)  
**HCMC** - Hennepin County Medical Center  
**MCHS** - Mayo Health System  
**MLC MSI** - Minnesota Lung Center/Minnesota Sleep Institute  
**NC** - North Clinic

**NH** - Neighborhood Healthsource  
**NMC** - North Memorial Clinic  
**OAHS** - Ortonville Area Health Services  
**PNC** - Park Nicollet Clinic  
**RRHS** - Range Regional Health Services  
**SMG** - St.Cloud Medical Group  
**UMP** - University of Minnesota Physicians

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

AAS-Allergy & Asthma Specialty Clinic  
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 CRCC - Children's Respiratory & Critical Care Specialists  
 EFC - Entira Family Clinics (formerly Family Health Services MN)  
 HCMC - Hennepin County Medical Center  
 MCHS - Mayo Health System  
 MLC MSI-Minnesota Lung Center/Minnesota Sleep Institute  
 NC-North Clinic

NH - Neighborhood Healthsource  
 NMC-North Memorial Clinic  
 OAHS - Ortonville Area Health Services  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SMG - Stillwater Medical Group  
 UMP - University of Minnesota Physicians

## Performance Highlights - Clinic Results- Adults

### Highest performers in 2012

Clinic results showed that an average of 30 percent of adults ages 18-50 with asthma met all three required components in this measure. **St. Paul Allergy & Asthma Care, P.A.** set the benchmark of 97 percent of adults with asthma in compliance for all three components. There were 132 of 364 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:

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

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

- Maple Grove
- Minneapolis
- Plymouth

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

##### **Allina Medical Clinic**

- Blaine
- Brooklyn Park
- Buffalo
- Cambridge Medical Center
- Champlin
- Cokato
- Coon Rapids
- Cottage Grove
- Crossroads Chaska
- Crossroads Shkopee Dean Lakes
- Eagan
- Edina
- Elk River
- Faribault
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St.)
- Isles
- Maple Grove
- Nicollet Mall
- Northfield
- Ramsey
- Shakopee
- Shoreview
- St. Michael
- West Health Campus
- West St. Paul
- Woodlake

##### **Aspen Medical Group**

- Bandana Square

- Bloomington
- Hopkins
- Maplewood

##### **Catalyst Medical Clinic**

##### **CentraCare Health System**

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

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

- Minneapolis
- Minnetonka

##### **Entira Family Clinics**

- Como/Roseville
- Highland
- Inver Grove Heights
- Maplewood/Battle Creek
- West St. Paul
- White Bear Lake/Banning Avenue
- White Bear Lake-Bellaire Avenue
- Woodbury

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

- Ashland
- Aurora
- Deer River
- Duluth
- Duluth Clinic 1st St.
- Hayward
- Hermantown
- Hibbing
- Lakeside
- St. Mary's Superior
- West Duluth

##### **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
- Pine City
- Princeton
- Ridges
- RidgeValley
- Rogers
- Rosemount
- Rush City
- Savage
- Uptown
- Zimmerman

##### **HealthEast Clinics**

- Downtown St. Paul
- Grand Avenue
- Maplewood
- Oakdale
- Vadnais Heights

- Woodbury

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

##### **HealthPartners Clinics**

- Anoka
- Coon Rapids
- Elk River
- Lino Lakes
- Riverside
- Roseville
- Specialty Center 401
- West

##### **Hennepin County Medical Center (HCMC Clinics)**

- Downtown Pediatric Clinic

##### **Integrity Health Network**

- Northland Family Physicians

##### **Mankato Clinic**

- Wickersham

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

- Cannon Falls

##### **Minnesota Lung Center/Minnesota Sleep Institute**

- Minneapolis

##### **North Memorial Clinic**

- Camden Physicians

##### **Partners in Pediatrics**

- Maple Grove

##### **Quello Clinic**

- Edina
- Savage

##### **South Lake Pediatrics**

- Minnetonka

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

- Burnsville
- Eden Prairie
- Edina

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

- Highland

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Asthma Care for adults ages 18-50 (clinic results) was made by **St. Paul Allergy & Asthma Care, P.A.** whose score increased by more than a 96 percentage points.

### Clinic performance over time (2010-2012)

Not applicable.

## Performance Highlights - Clinic Results- Adults

### Highest performers in 2012 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 43 (53%)

**Allina Medical Clinic**

- Buffalo
- Cambridge Medical Center
- Cokato
- Elk River
- St. Michael

**CentraCare Health System**

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

**Medicine**

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

**Fairview Health Services**

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

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

- Elk River



#### East Metro- 47 out of 95 (49%)

**Allina Medical Clinic**

- Blaine
- Coon Rapids
- Cottage Grove
- Eagan
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W First St.)
- Ramsey
- Shakopee
- Shoreview
- West St. Paul

**Aspen Medical Group**

- Bandana Square
- Maplewood

**Entira Family Clinics**

- Como/Roseville
- Highland
- Inver Grove Heights

- Maplewood/Battle Creek
- West St. Paul
- White Bear Lake/Banning Avenue
- White Bear Lake-Bellaire Avenue
- Woodbury

**Fairview Health Services**

- Andover
- Blaine
- CedarRidge
- Columbia Heights
- Eagan
- Farmington
- Fridley
- Highland Park
- Hugo
- Lakeville
- Lino Lakes
- Ridges
- Rosemount

**HealthEast Clinics**

- Downtown St. Paul
- Grand Avenue
- Maplewood
- Oakdale
- Vadnais Heights
- Woodbury

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

- Anoka
- Coon Rapids
- Lino Lakes
- Roseville
- Specialty Center 401

**Southdale Pediatric Associates, Ltd.**

- Burnsville
- Eden Prairie
- Edina

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

- Highland

## Performance Highlights - Clinic Results- Adults

### Highest performers in 2012 by region- *continued*

#### Wisconsin- 3 out of 7 (43%)

##### Essentia Health - East Region

- Ashland
- Hayward
- St. Mary's Superior

#### West Metro- 45 out of 112 (40%)

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

- Maple Grove
- Minneapolis
- Plymouth

##### Allina Medical Clinic

- Brooklyn Park
- Champlin
- Crossroads Chaska
- Crossroads Shkopee Dean
- Edina
- Isles

- Maple Grove
- Nicollet Mall

- Shakopee
- West Health Campus
- Woodlake

##### Aspen Medical Group

- Bloomington
- Hopkins

##### Catalyst Medical Clinic Children's Respiratory & Critical Care Specialists

- Minneapolis
- Minnetonka

##### Fairview Health Services

- Bass Lake
- Brooklyn Park
- Crosstown
- EdenCenter
- Hiawatha

- Jonathon
- Maple Grove Medical Center
- Northeast
- Oxboro
- RidgeValley
- Rogers
- Savage
- Uptown

##### HealthPartners Clinics

- Riverside
- West

##### Hennepin County Medical Center (HCMC Clinics)

- Downtown Pediatric Clinic

##### Minnesota Lung Center/ Minnesota Sleep Institute

- Minneapolis

##### North Memorial Clinic

- Camden Physicians

##### Partners in Pediatrics

- Maple Grove

##### Quello Clinic

- Edina
- Savage

##### South Lake Pediatrics

- Minnetonka

##### Southdale Allergy & Asthma Clinic

##### Southdale Pediatric

##### Associates, Ltd.

- Burnsville
- Eden Prairie



#### Northeast-9 out of 25 (36%)

##### Essentia Health - East Region

- Aurora
- Deer River
- Duluth
- Duluth Clinic 1st St.
- Hermantown

- Hibbing
- Lakeside
- West Duluth

##### Integrity Health Network

- Northland Family Physicians

#### Southwest- 1 out of 22 (5%)

##### Allergy and Asthma Specialty Clinic

#### Northwest- 0 out of 13 (0%)

#### North Dakota- 0 out of 15 (0%)

#### Southeast- 4 out of 32 (13%)

##### Allina Medical Clinic- Blaine

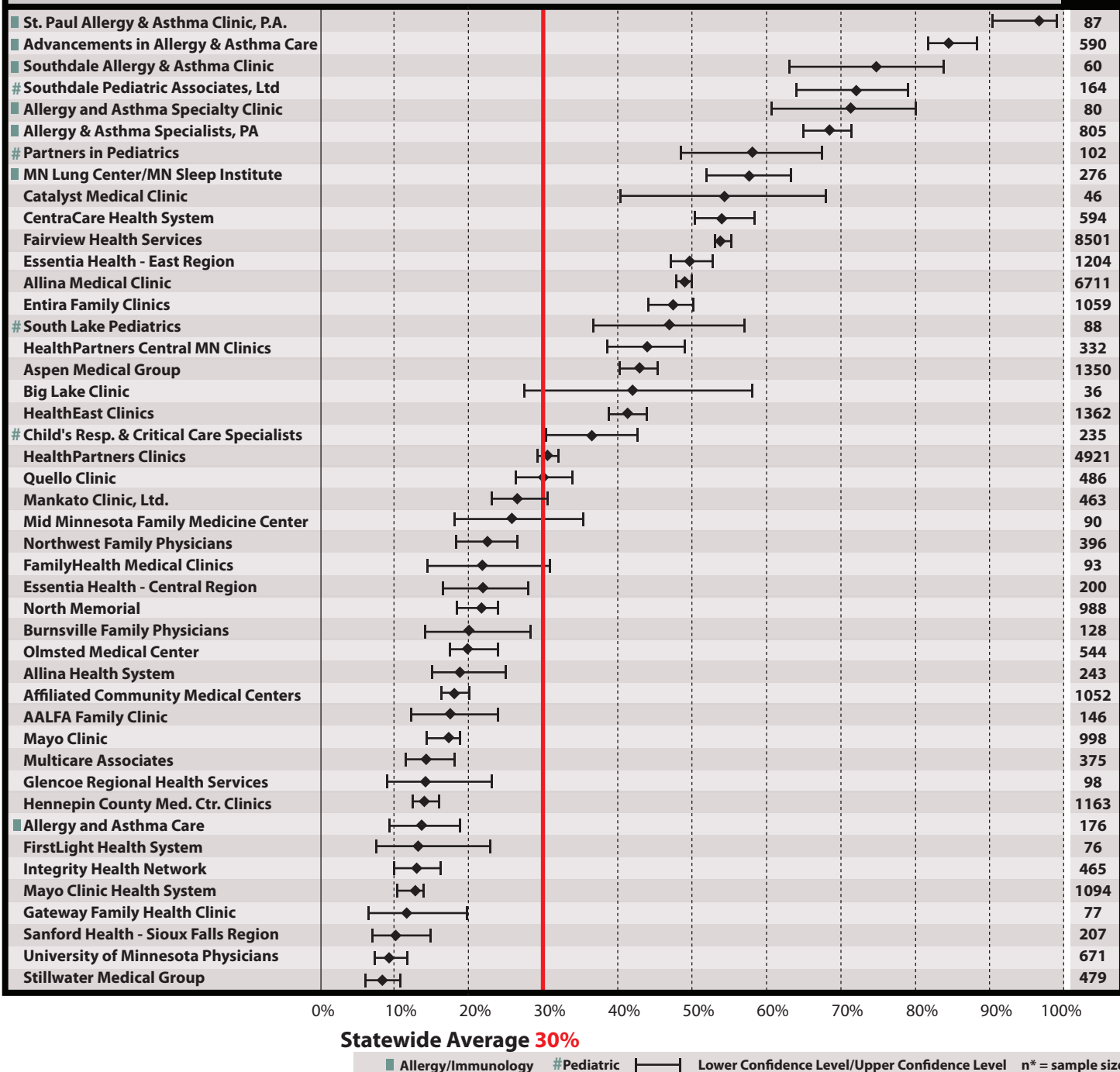
- Faribault
- Northfield

##### Mankato Clinic

- Wickersham

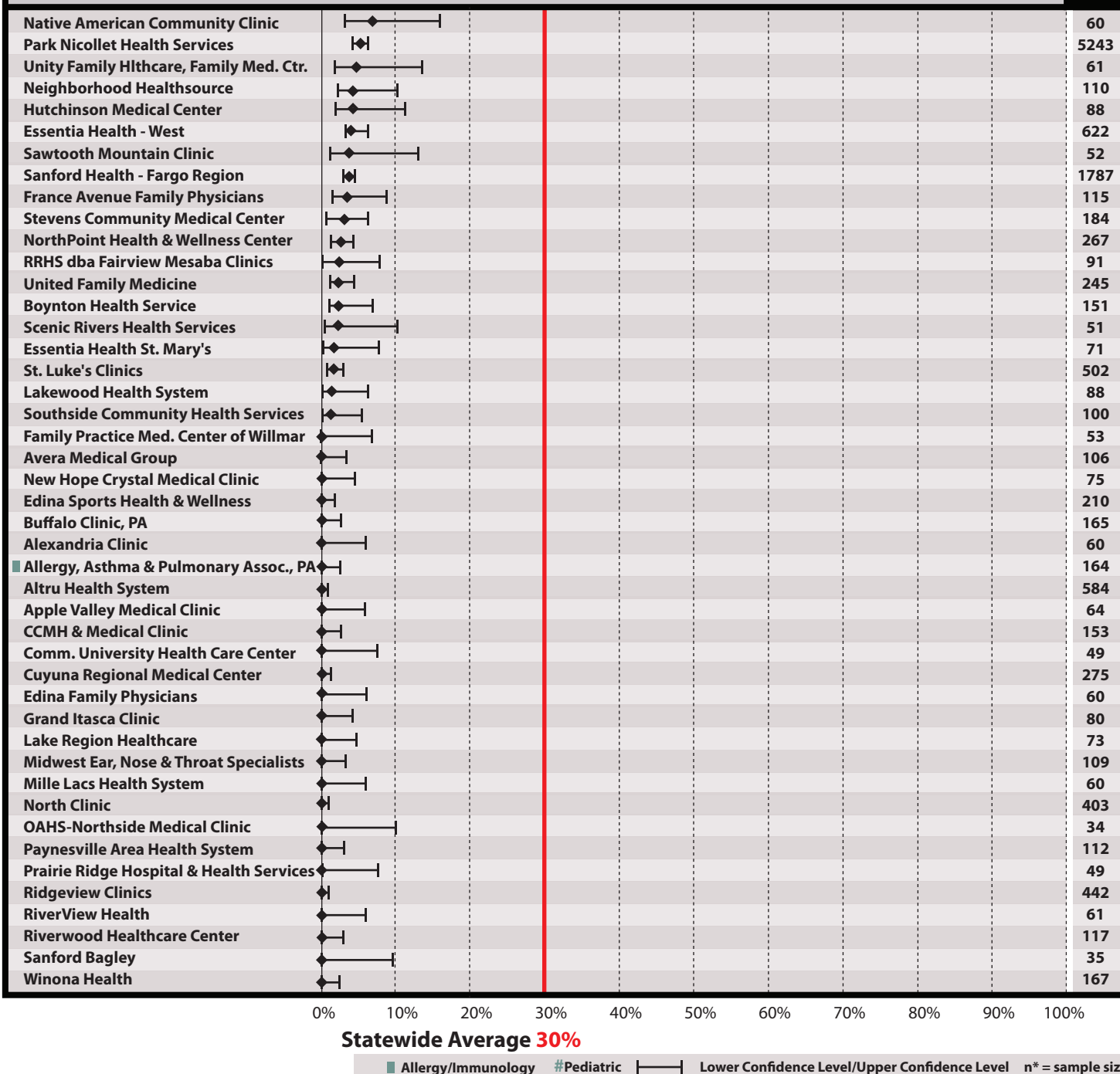
##### Mayo Clinic Health System

- Cannon Falls

**Chart 5.4: Optimal Asthma Care-Adults Ages 18-50 (Medical Group Results)****n\***

CCMH - Chippewa County Montevideo Hospital  
 OAHS - Ortonville Area Health Services  
 RRHS - Range Regional Health Services



**Chart 5.4: Optimal Asthma Care-Adults Ages 18-50 (Medical Group Results) -continued****n\***

CCMH - Chippewa County Montevideo Hospital  
 OAHS - Ortonville Area Health Services  
 RRHS - Range Regional Health Services



## Performance Highlights - Medical Group Results- Adults

### Highest performers in 2012

Medical Group results showed that an average of 30 percent of adults ages 18-50 with asthma met all three required components in this measure. **St. Paul Allergy & Asthma Care, P.A.** set the benchmark of 97 percent of adults with asthma in compliance for all three components. There were 19 of 90 medical groups with rates and confidence intervals fully above the statewide average. The high-performing medical groups are below from high to low:

- St. Paul Allergy & Asthma Clinic, P.A.
- Advancements in Allergy and Asthma Care
- Southdale Allergy & Asthma Clinic
- Southdale Pediatric Associates, Ltd
- Allergy and Asthma Specialty Clinic
- Allergy & Asthma Specialists, PA
- Partners in Pediatrics
- Minnesota Lung Center/Minnesota Sleep Institute
- Catalyst Medical Clinic
- CentraCare Health System
- Fairview Health Services
- Essentia Health - East Region
- Allina Medical Clinic
- Entira Family Clinics (formerly Family Health Services MN)
- South Lake Pediatrics
- HealthPartners Central Minnesota Clinics
- Aspen Medical Group
- HealthEast Clinics

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Optimal Asthma Care for adults ages 18-50 (medical group results) was made by **St. Paul Allergy & Asthma Care, P.A.**, whose score increased by more than 96 percentage points.

### Medical group performance over time (2010-2012)

Not applicable.

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

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

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

July 1, 2010 - June 30, 2011 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 40 percent. Table 6 displays the details of the 2012 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).

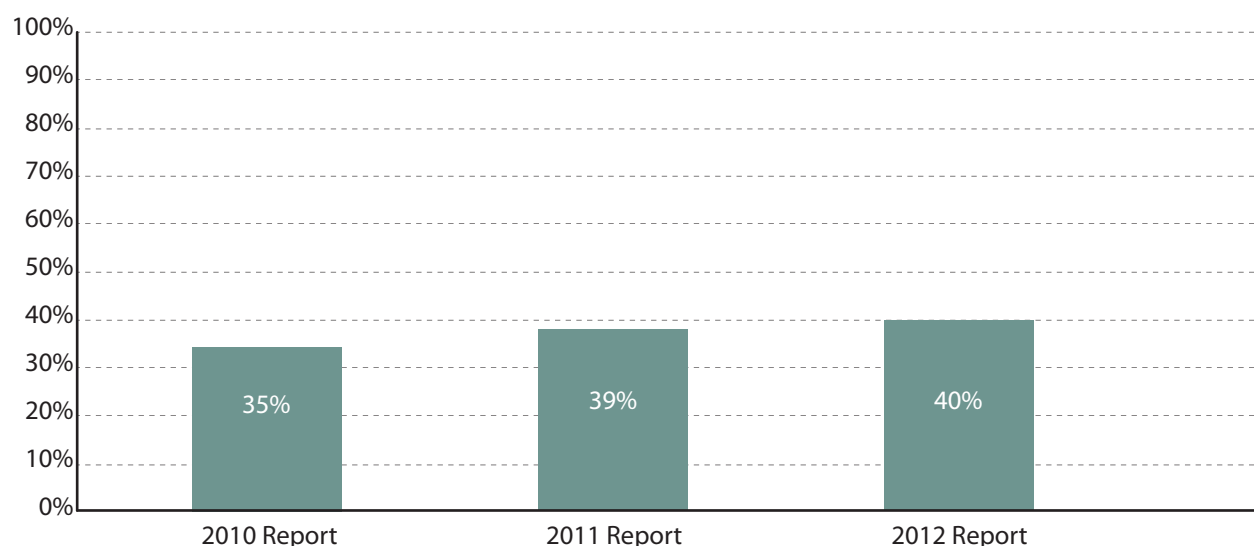
Data collected for this measure are from health plan claims.

**Table 6: Statewide Rate for Use of Spirometry Testing in the Assessment and Diagnosis of COPD\***

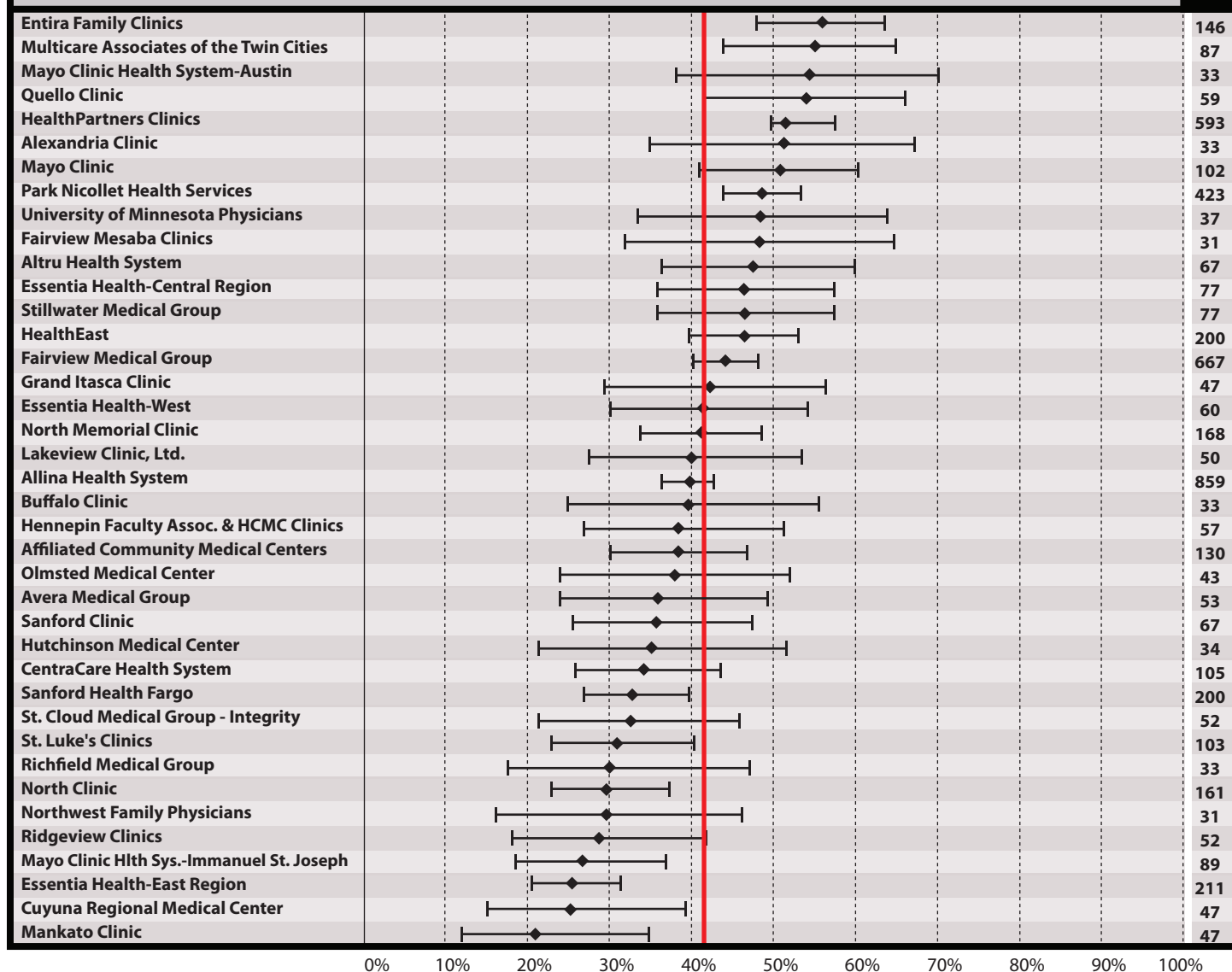
	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Spirometry Testing in the Assessment and Diagnosis of COPD	39.6%	38.6%-40.7%	3,035	7,656

\*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.

**Chart 6: Use of Spirometry Testing in the Assessment and Diagnosis of COPD (Medical Group Results)****n\***

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 2012

Medical group results showed that an average of 41 percent of patients were given a spirometry test for the assessment and diagnosis of COPD. **Entira Family Clinics** set the benchmark of 56 percent. Six of 39 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- Entira Family Clinics
- Multicare Associates of the Twin Cities
- Quello Clinic
- HealthPartners Clinics
- Mayo Clinic
- Park Nicollet Health Services

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Use of Spirometry Testing in the Assessment and Diagnosis of COPD (medical group results) was made by **Altru Health System**, whose score increased by more than 19 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

**The following three 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
- Quello Clinic

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

- Buffalo Clinic
- Entira Family Clinics
- Essentia Health - Central Region
- Essentia Health - West Region
- Grand Itasca Clinic
- HealthEast
- HealthPartners Clinics
- North Memorial Clinic

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

- Mayo Clinic Health System - Immanuel St. Joseph
- Northwest Family Physicians

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

- Park Nicollet Health Services

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

## 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.

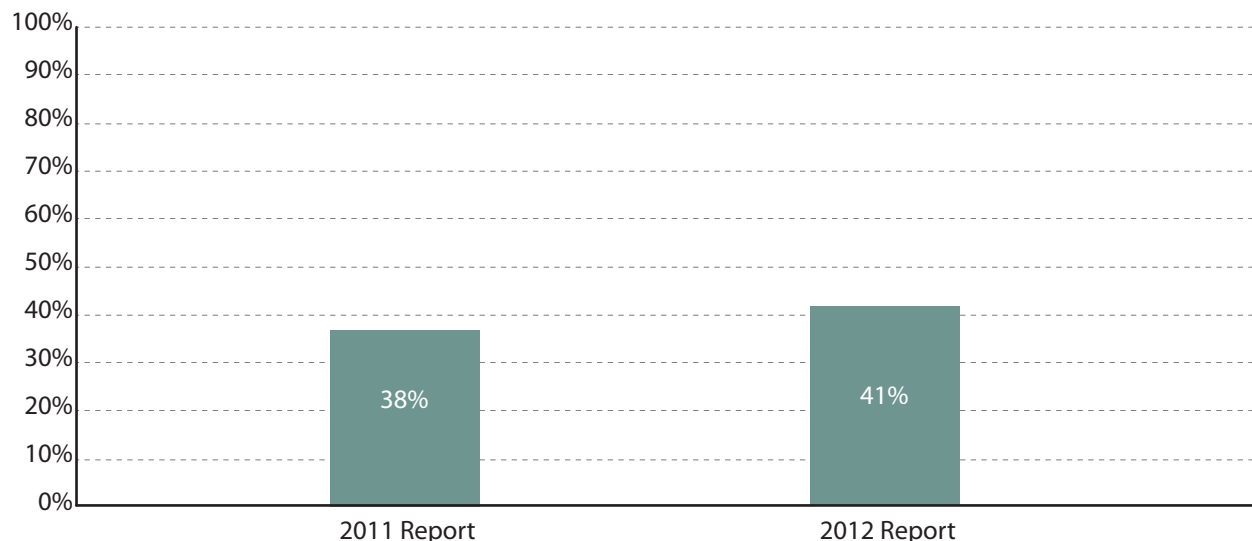
The statewide rate for Follow-up Care for Children Prescribed ADHD Medication is 41 percent. Table 8 displays the details of the 2011 and 2012 statewide rates. The statewide rate has increased since 2011. Chart 8 provides the rates by medical group. The rates are sorted by medical group from highest to lowest along with the medical group average (the bold line).

Data collected for this measure are from health plan claims.

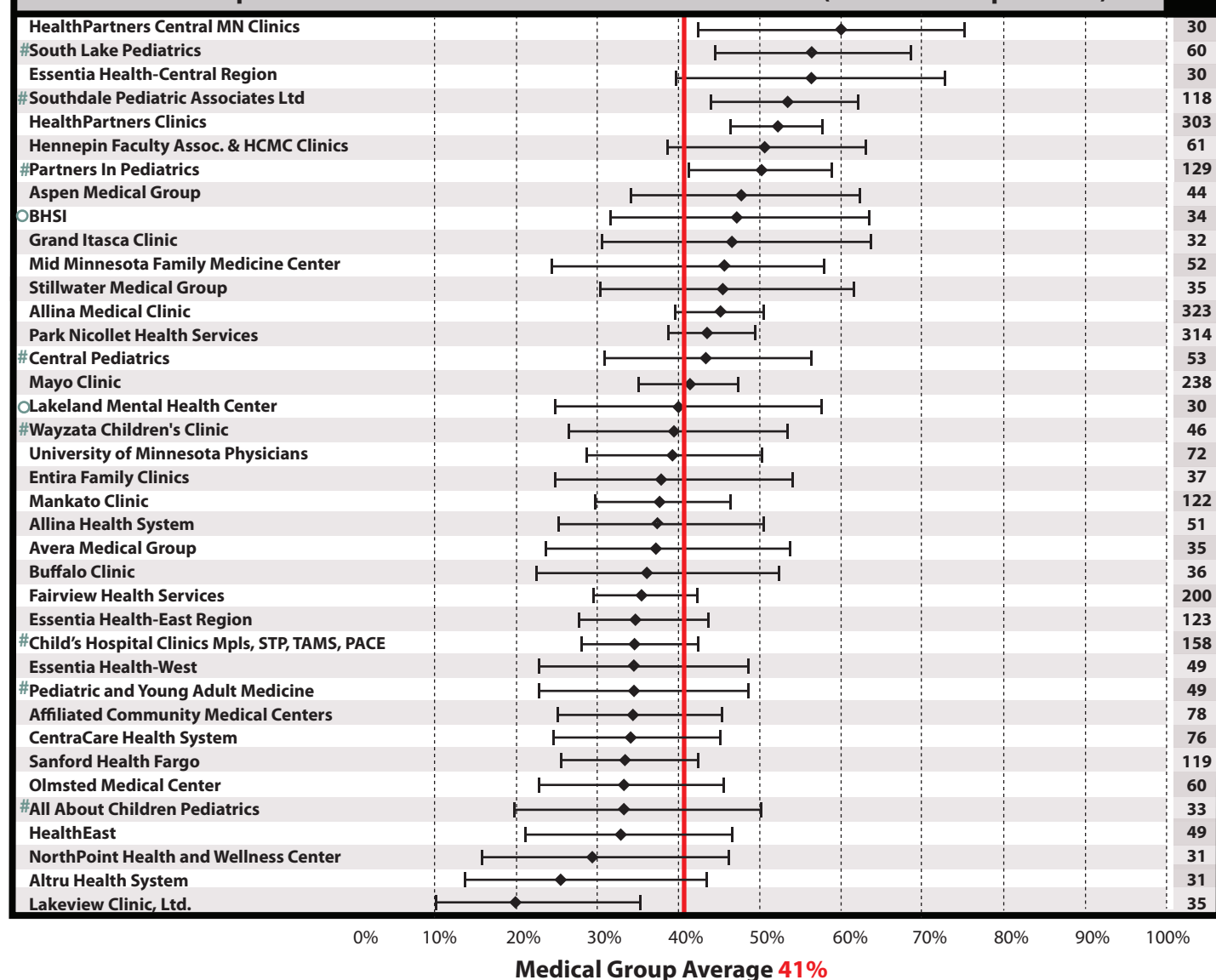
**Table 8: Statewide Rate for Follow-up Care for Children Prescribed ADHD Medication**

	Statewide Average	95% CI	Numerator (Patients who received a follow-up visit)	Denominator
Follow-up Care for Children Prescribed ADHD Medication	41.0%	39.7%-42.4%	2,058	5,015

**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.

**Chart 8: Follow-up Care for Children Prescribed ADHD Medication (Medical Group Results)****n\***

BHSI - Behavioral Health Services

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



## Performance Highlights - Medical Group Results

### Highest performers in 2012

Medical group results showed that an average of 41 percent of patients had a follow-up visit if they were prescribed ADHD medication. **HealthPartners Central Minnesota Clinics** set the benchmark of 60 percent. Five of 38 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- HealthPartners Central Minnesota Clinics
- South Lake Pediatrics - Children's Physician Network
- Southdale Pediatric Associates Ltd
- HealthPartners Clinics
- Partners In Pediatrics - Children's Physician Network

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Follow-up Care for Children Prescribed ADHD Medication (medical group results) was made by **Avera Medical Group**, whose score increased by more than 20 percentage points.

### Medical group performance over time (2010-2012)

Not applicable.

## 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 12 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 12 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 6 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).

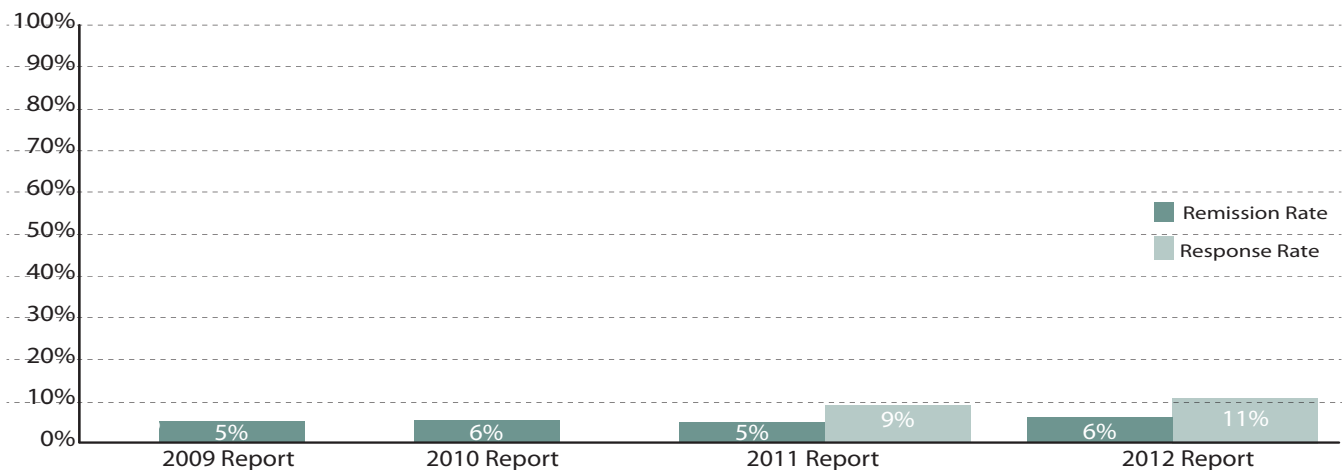
Depression Response at Six Months is defined as the percentage of patients whose PHQ-9 score at six months decreased by at least 50% from their initial PHQ-9 score. The statewide rate for Depression Response at Six Months is 11 percent. Table 9 displays the details of the statewide rate. Figure 4 displays 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 MNCM by medical groups/clinics from electronic health records or paper-based medical charts.

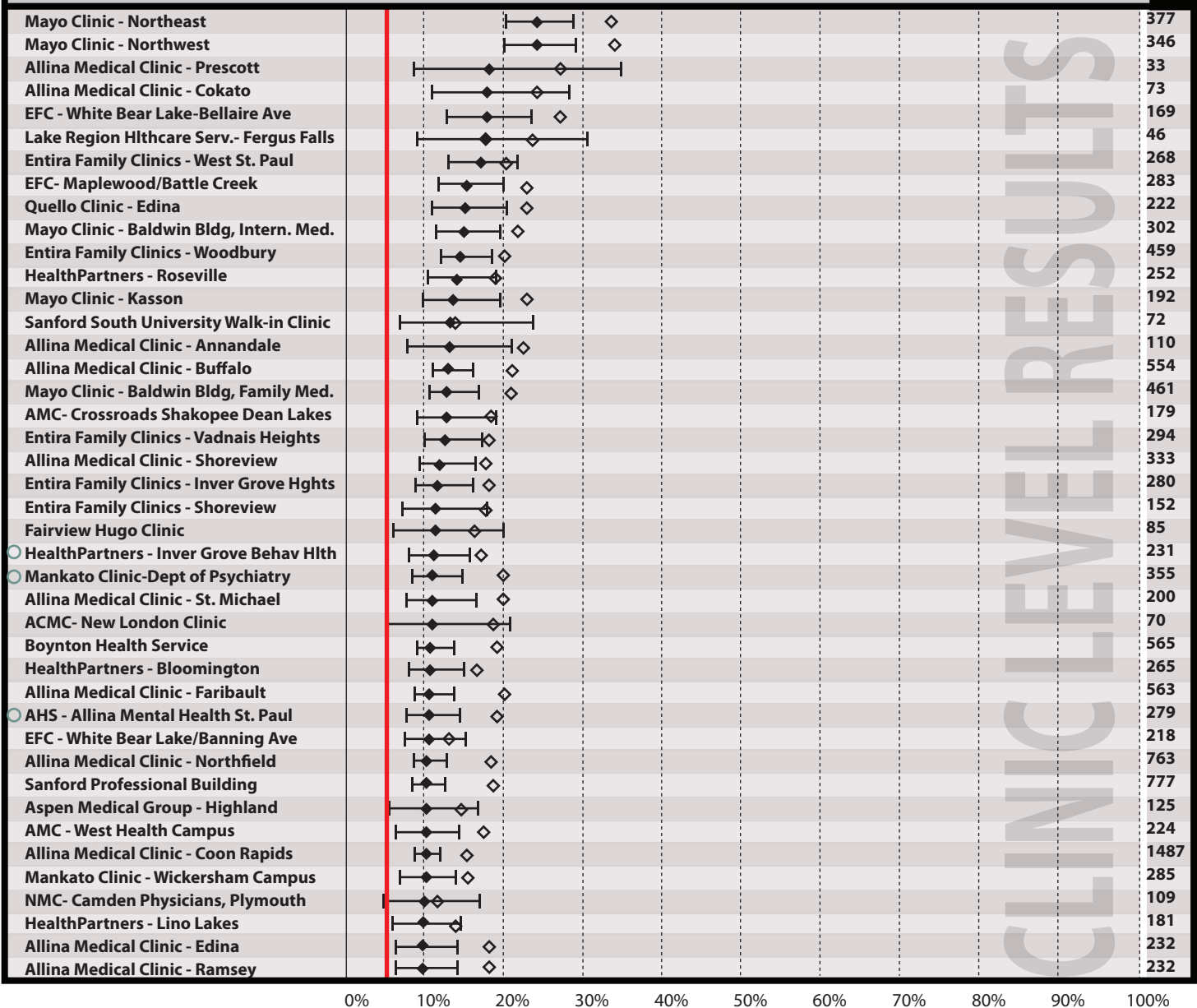
**Table 9: Statewide Rate for Depression Remission and Response at Six Months**

	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Depression <u>Remission</u> at Six Months	6.1%	5.9%-6.3%	4,498	73,530
Depression <u>Response</u> at Six Months	10.5%	10.2%-10.7%	7,692	73,530

**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\***

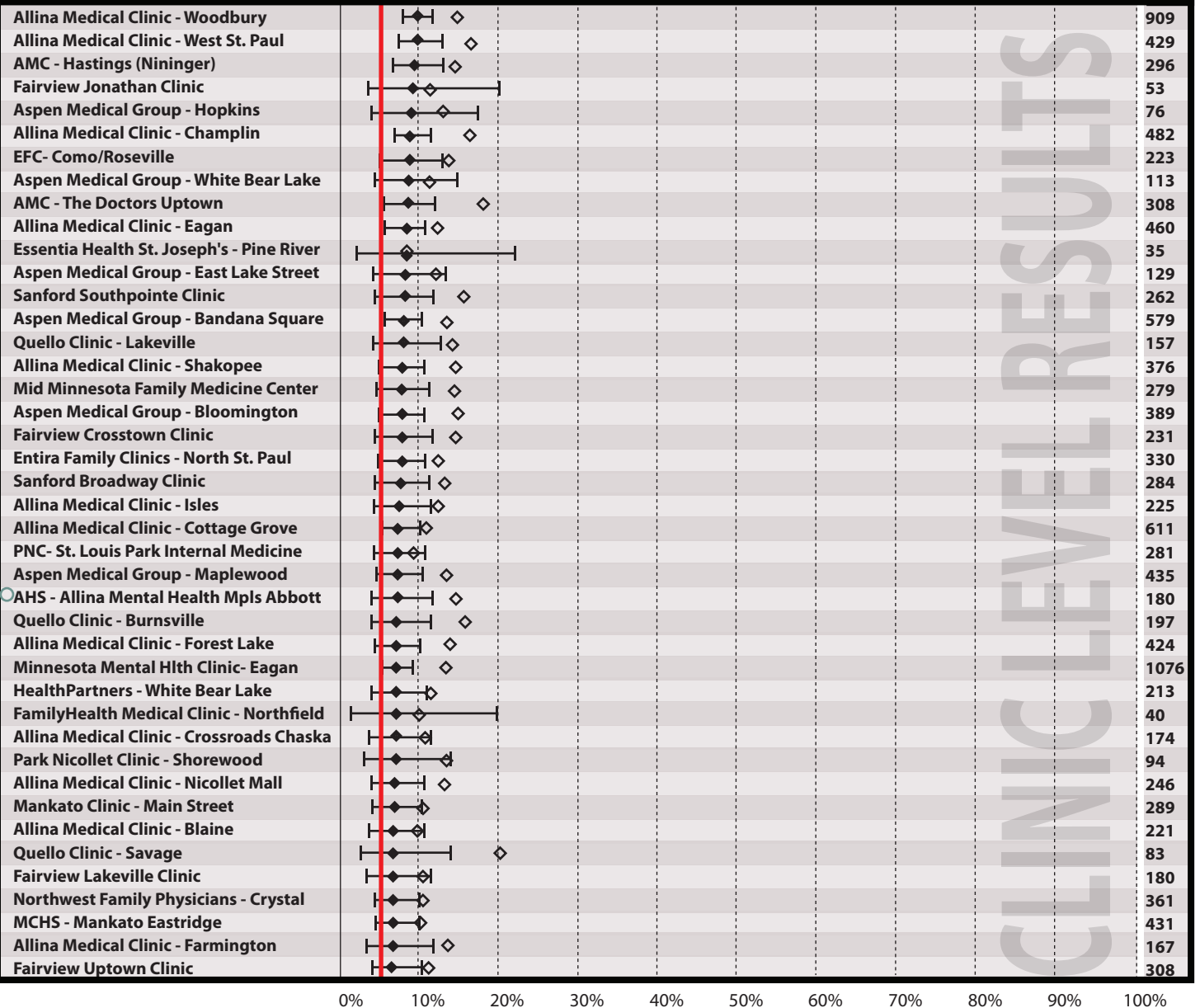
**Statewide Average: Remission 6%**  
**Statewide Average: Response 11%**

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

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 EFC - Entira Family Clinics  
 HCMC - Hennepin County Medical Center  
 IHN - Integrity Health Network  
 MCHS - Mayo Clinic Health System

NC - North Clinic  
 NMC - North Memorial Clinic  
 PNC - Park Nicollet Clinic  
 PRHHS - Prairie Ridge Hospital and Health Services  
 RRHS - Range Regional Health Services  
 UMP - University of Minnesota Physicians  
 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

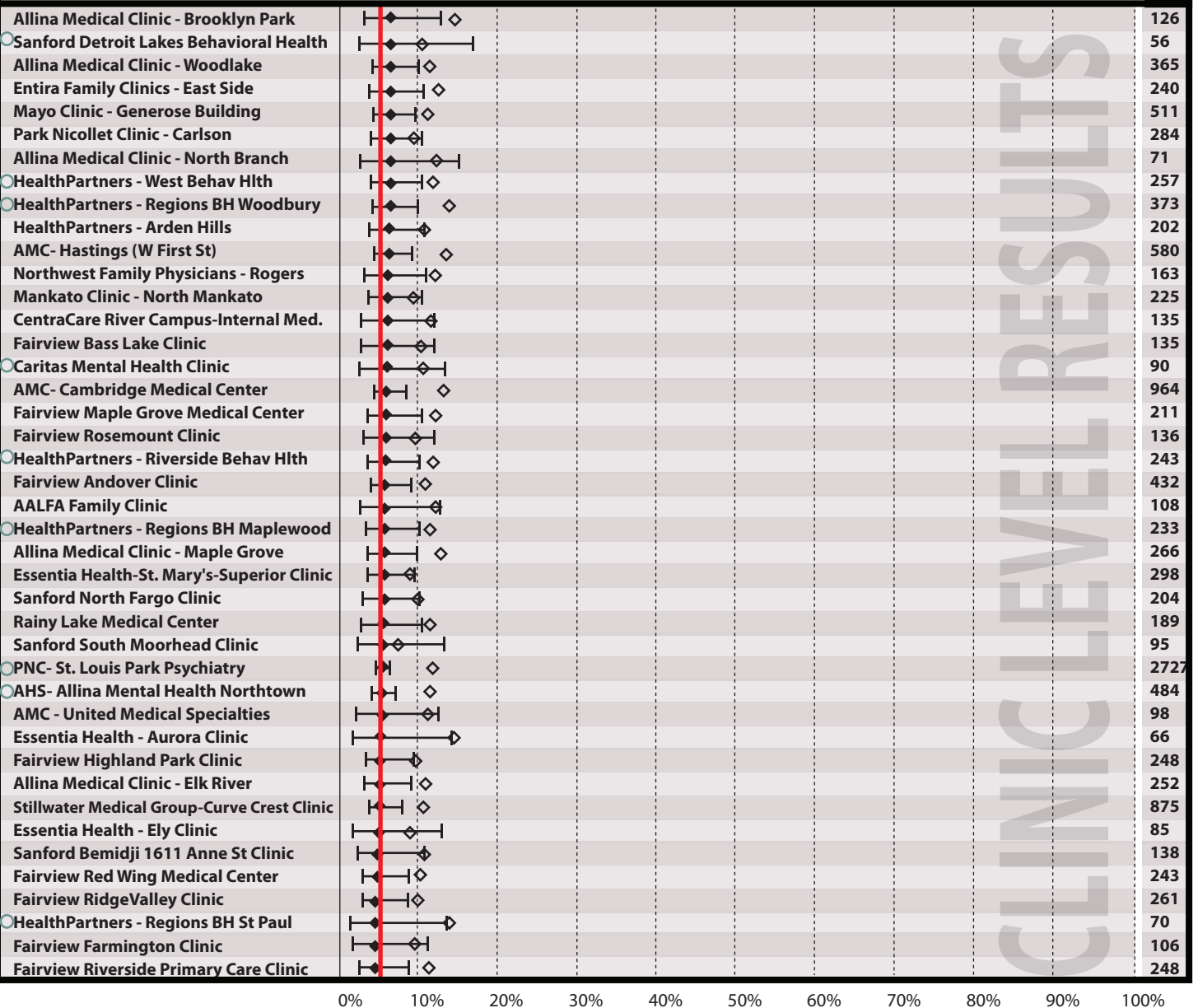
**Chart 9.1: Depression Remission at Six Months (Clinic Results)- with Response Rate ◇- continued****n\*****Statewide Average: Remission 6%****Statewide Average: Response 11%**

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

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 AHS - Allina Health System  
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 EFC - Entira Family Clinics  
 HCMC - Hennepin County Medical Center  
 IHN - Integrity Health Network  
 MCBS - Mayo Clinic Health System

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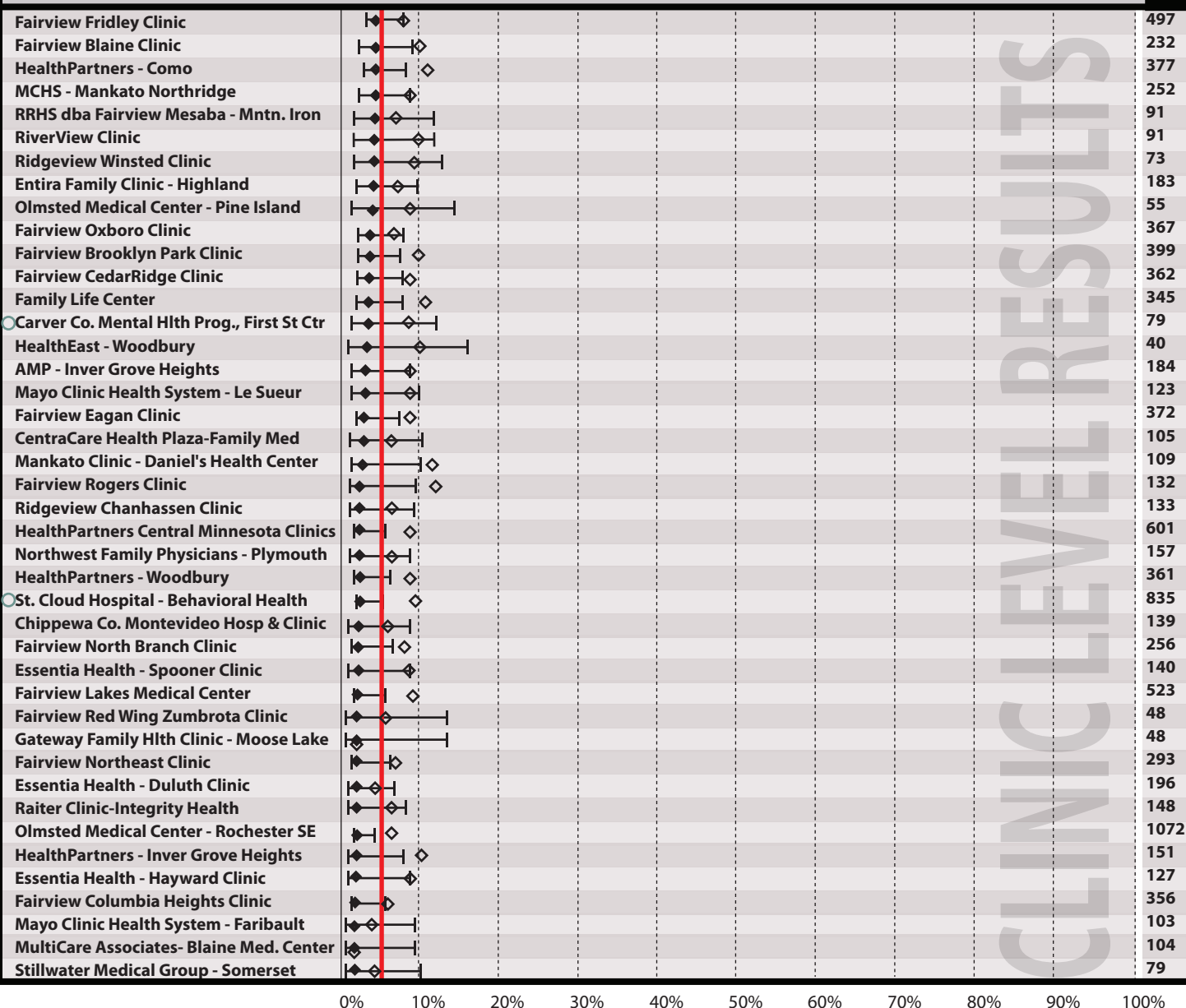
**Chart 9.1: Depression Remission at Six Months (Clinic Results)- with Response Rate ◇- continued****n\***

Getting Better

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**Chart 9.1: Depression Remission at Six Months (Clinic Results)- with Response Rate ◇- continued****n\*****Statewide Average: Remission 6%****Statewide Average: Response 11%**

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

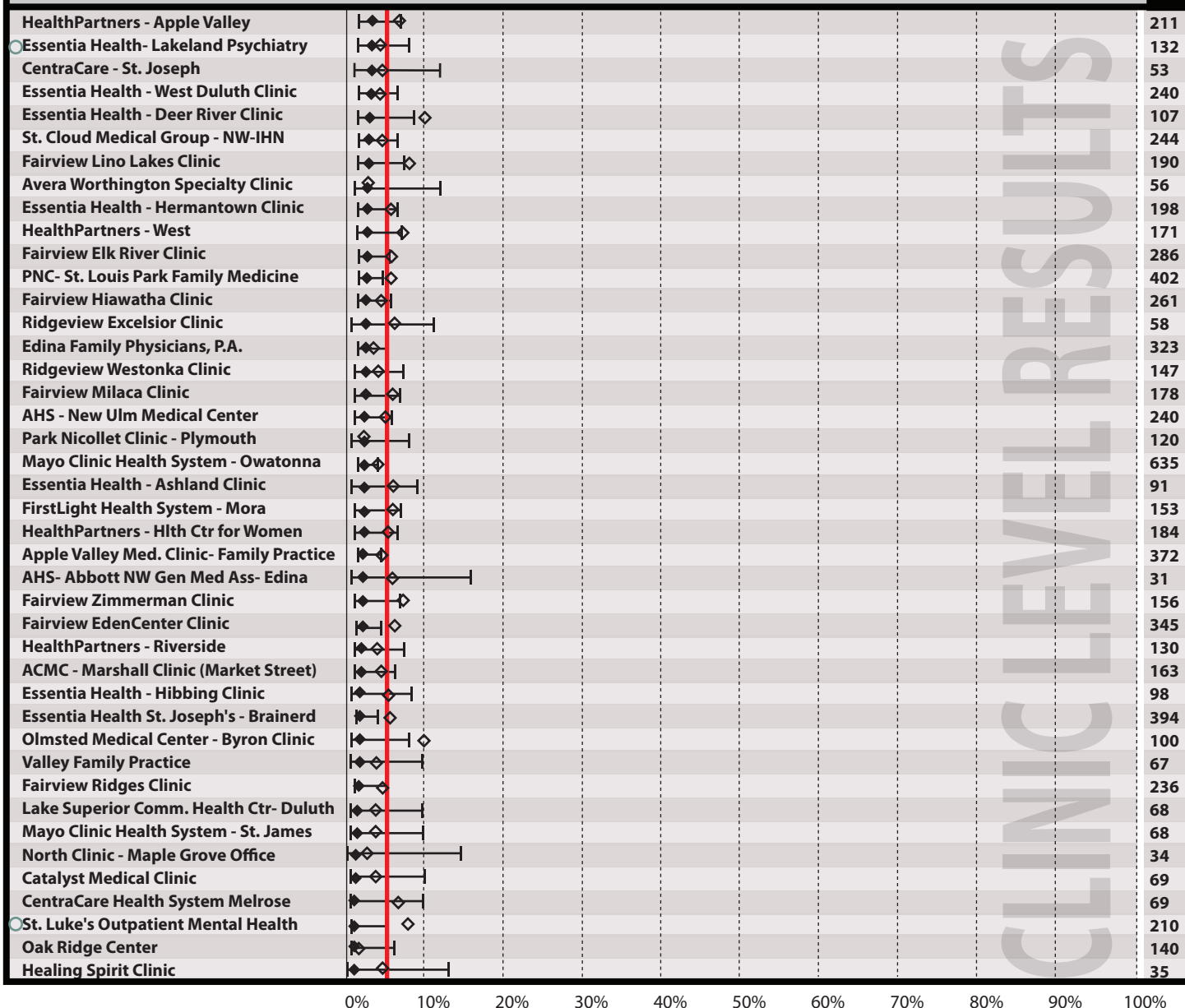
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**Chart 9.1: Depression Remission at Six Months (Clinic Results)- with Response Rate ◇- continued****n\*****Statewide Average: Remission 6%****Statewide Average: Response 11%**

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

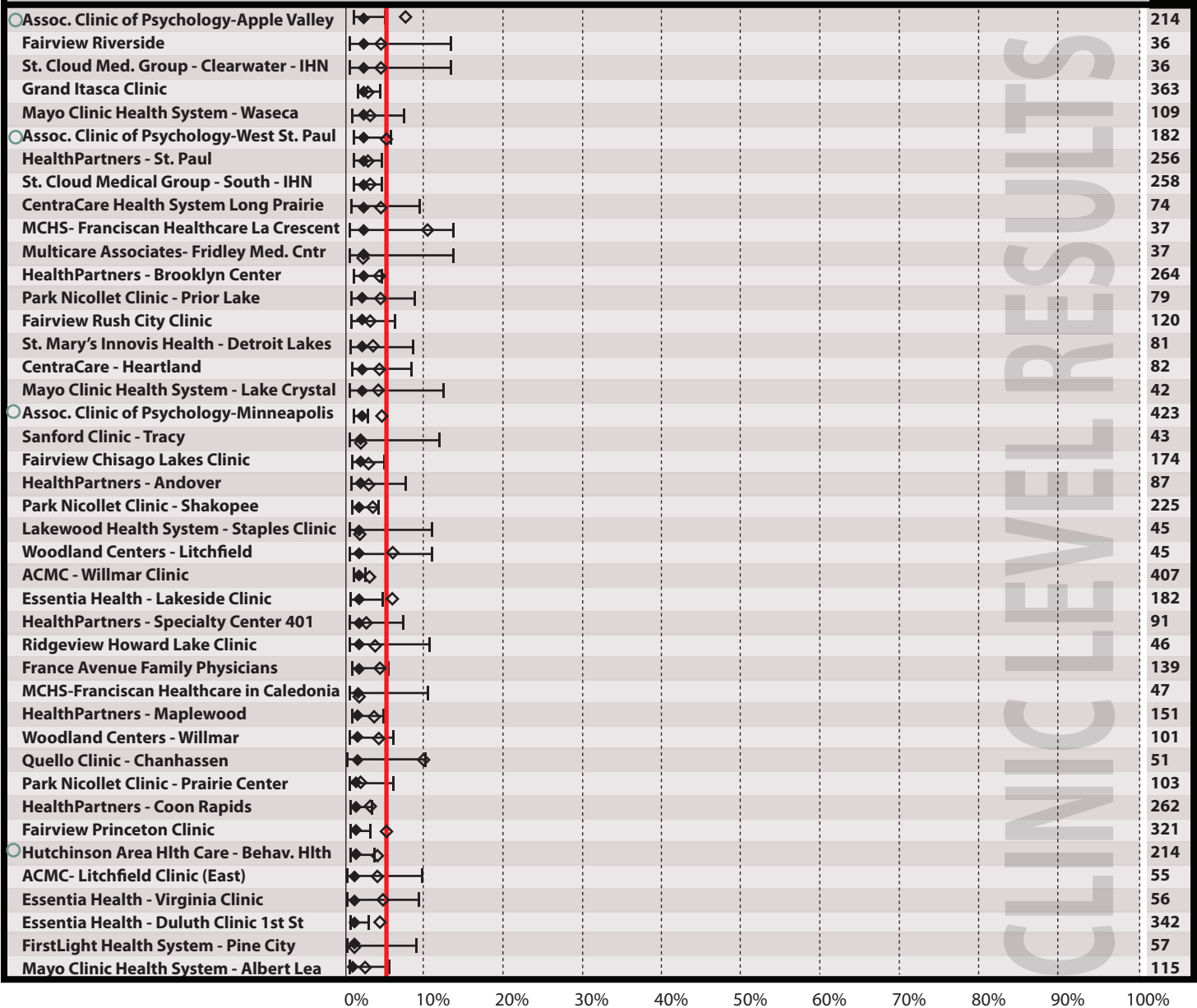
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Getting Better

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

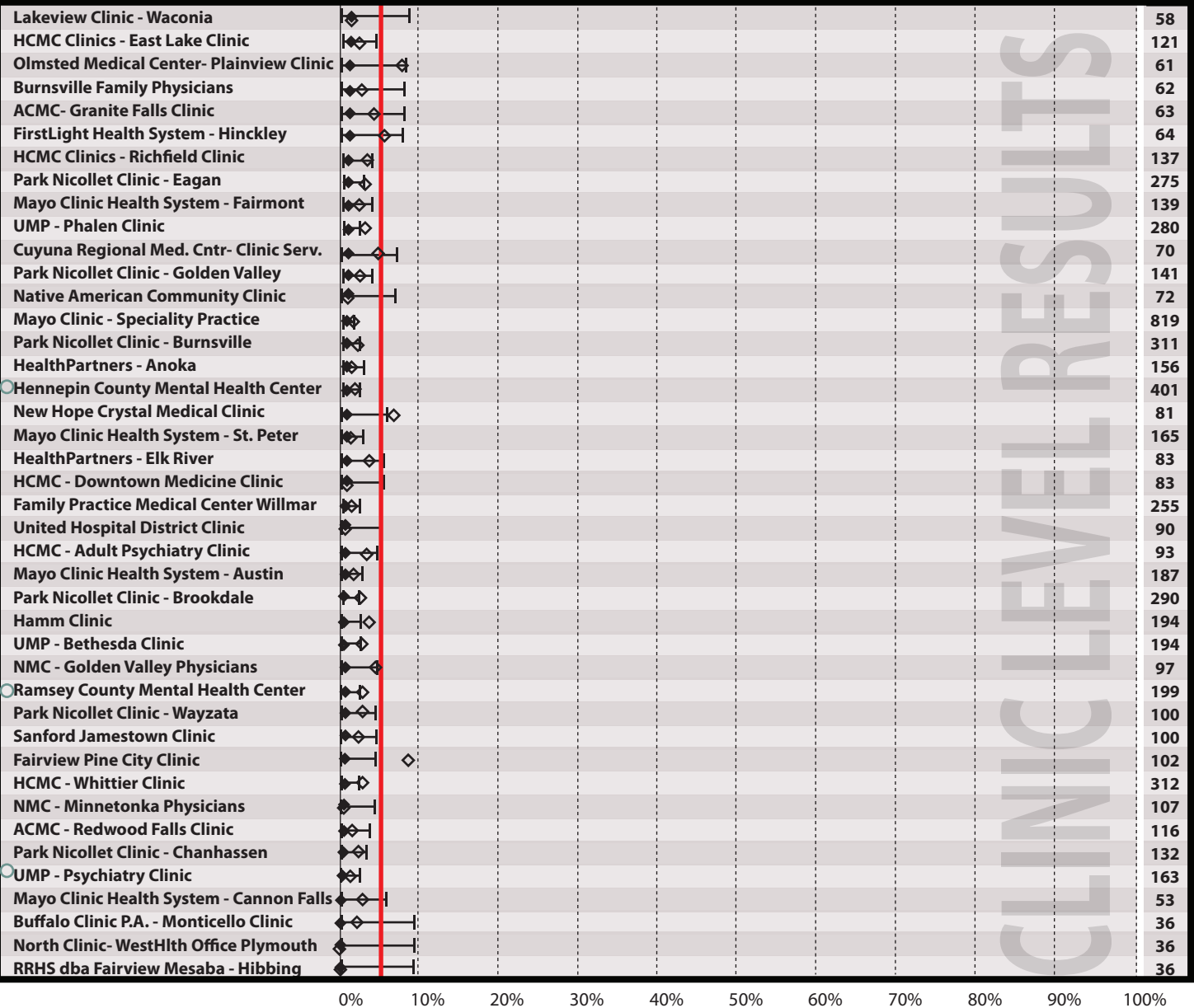
**Statewide Average: Remission 6%**  
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Psychiatry Lower Confidence Level/Upper Confidence Level n\* = 6 Month Remission Denominator

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

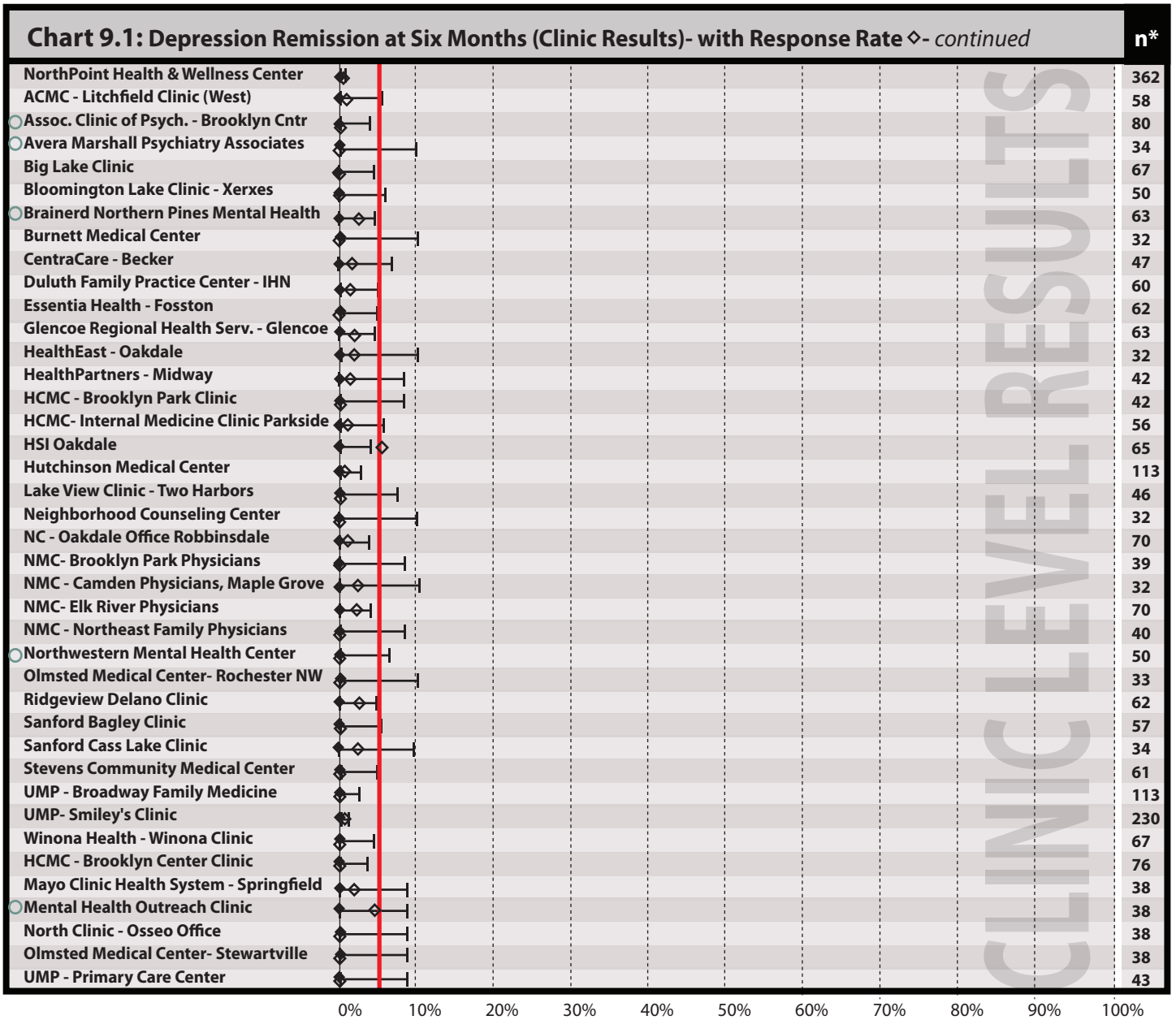
**Statewide Average: Remission 6%**  
**Statewide Average: Response 11%**

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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 2012

Clinic results showed that an average of 6 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than five). **Mayo Clinic - Northeast** and **Mayo Clinic - Northwest** set the benchmark of 24 percent of depression patients in remission at six months. There were 46 of 334 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:

#### Allina Health System

- Allina Mental Health St. Paul

#### Allina Medical Clinic

- Annandale
- Buffalo
- Champlin
- Cokato
- Coon Rapids
- Crossroads Shakopee Dean Lakes
- Eagan
- Edina
- Faribault
- Hastings (Nininger)
- Northfield
- Prescott
- Ramsey
- Shoreview
- St. Michael
- West Health Campus

- West St. Paul

- Woodbury

#### Aspen Medical Group

- Bandana Square
- Highland

#### Boydton Health Services

#### Entira Family Clinics

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

#### Fairview Health Services

- Hugo Clinic

#### HealthPartners Clinics

- Bloomington

- Inver Grove Behav Hlth

- Lino Lakes

- Roseville

#### Lake Region Healthcare Clinic

- Fergus Falls

#### Mankato Clinic, Ltd.

- Dept. of Psychiatry & Psychology
- Wickersham Campus

#### Mayo Clinic

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

#### Quello Clinic

- Edina

#### Sanford Health

- Professional Building
- South University Walk-in Clinic

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Depression Remission at Six Months (clinic results) was made by **Entira Family Clinics - West St. Paul**, which had a 13 percentage point increase.

## Performance Highlights - Clinic Results

### **Clinic performance over time (2010-2012)**

We reviewed the data to identify patterns of clinic performance in clinics with three years of data beginning in 2010. 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 clinics achieved consistently high performance and above average-rates over the past three years for Depression Remission at Six Months:**

- Allina Medical Clinic- Buffalo
- Entira Family Clinics- Shoreview
- Entira Family Clinics- White Bear Lake/Banning Ave.
- Entira Family Clinics- White Bear Lake-Bellaire Avenue
- HealthPartners- Roseville
- Mayo Clinic- Northeast
- Mayo Clinic- Northwest

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

- Allina Medical Clinic - Annandale
- Allina Medical Clinic - Edina
- Allina Medical Clinic - Nicollet Mall
- Allina Medical Clinic - Shoreview
- Allina Medical Clinic - The Doctors Uptown
- Allina Medical Clinic - West St. Paul
- Entira Family Clinics - Vadnais Heights
- HealthPartners - Bloomington

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

- HealthPartners - Health Center for Women
- Mayo Clinic - Northwest

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

- |  |   |   |
|--|---|---|
| • Allina Medical Clinic - Cambridge      | • Fairview EdenCenter Clinic              | Heights                                 |
| • Medical Center                         | • Fairview Hiawatha Clinic                | • HealthPartners - Lino Lakes           |
| • Allina Medical Clinic - Forest Lake    | • Fairview Lino Lakes Clinic              | • HealthPartners - Midway               |
| • Allina Medical Clinic - Maple Grove    | • Fairview Milaca Clinic                  | • HealthPartners - Regions BH St. Paul  |
| • Allina Medical Clinic - North Branch   | • Fairview Ridges Clinic                  | • HealthPartners - Riverside Behav Hlth |
| • Allina Medical Clinic - Woodlake       | • Fairview Rush City Clinic               | • HealthPartners - Roseville            |
| • Entira Family Clinics - North St. Paul | • France Avenue Family Physicians         | • HealthPartners - St Paul              |
| • Entira Family Clinics - Shoreview      | • HealthPartners - Anoka                  | • HealthPartners - Woodbury             |
| • Essentia Health - Ashland Clinic       | • HealthPartners - Apple Valley           | • Mayo Clinic - Northeast               |
| • Essentia Health - Lakeside Clinic      | • HealthPartners - Brooklyn Center        | • Rainy Lake Medical Center             |
| • Fairview Chisago Lakes Clinic          | • HealthPartners - Elk River              |   |
|  | • HealthPartners - Inver Grove Behav Hlth |   |
|  | • HealthPartners - Inver Grove            |   |

### **Seventy-one clinics did not have a discernable pattern over three years.**



## Performance Highlights - Clinic Results

### Highest performers in 2012 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.

#### North Dakota- 2 out of 6 (33%)

##### Sanford Health

- Sanford Professional Building
- Sanford South University Walk-in Clinic

#### East Metro- 22 out of 89 (25%)

##### Allina Health System

- Allina Mental Health St. Paul

##### Allina Medical Clinic

- Coon Rapids
- Eagan
- Hastings (Nininger)
- Ramsey
- Shoreview
- West St. Paul
- Woodbury

##### Aspen Medical Group

- Bandana Square
- Highland

##### Entira Family Clinics

- Inver Grove Heights
- Maplewood/Battle

##### Creek

- Shoreview
- Vadnais Heights
- West St. Paul
- White Bear Lake/ Banning Ave.
- White Bear Lake- Bellaire Ave.

- Woodbury

##### Fairview Health Services

- Hugo Clinic

##### HealthPartners Clinics

- Inver Grove Behavioral Health
- Heights
- Lino Lakes
- Roseville



#### Southeast- 9 out of 42 (21%)

##### Allina Medical Clinic

- Faribault
- Northfield

##### Mankato Clinic

- Dept. of Psychiatry & Psychology
- Wickersham Campus

##### Mayo Clinic

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

#### Wisconsin- 1 out of 7 (14%)

##### Allina Medical Clinic

- Prescott



## Performance Highlights - Clinic Results

### Highest performers in 2012 by Minnesota regions- *continued*

#### Northwest- 1 out of 8 (13%)

##### Lake Region Healthcare

##### Clinic Services

- Fergus Falls

#### West Metro- 7 out of 95 (7%)

##### Allina Medical Clinic

- Champlin
- Crossroads Shakopee Dean Lakes
- Edina
- West Health Campus

##### Boynton Health Services

##### HealthPartners Clinics

- Bloomington

##### Quello Clinic

- Edina

#### Central- 4 out of 48 (8%)

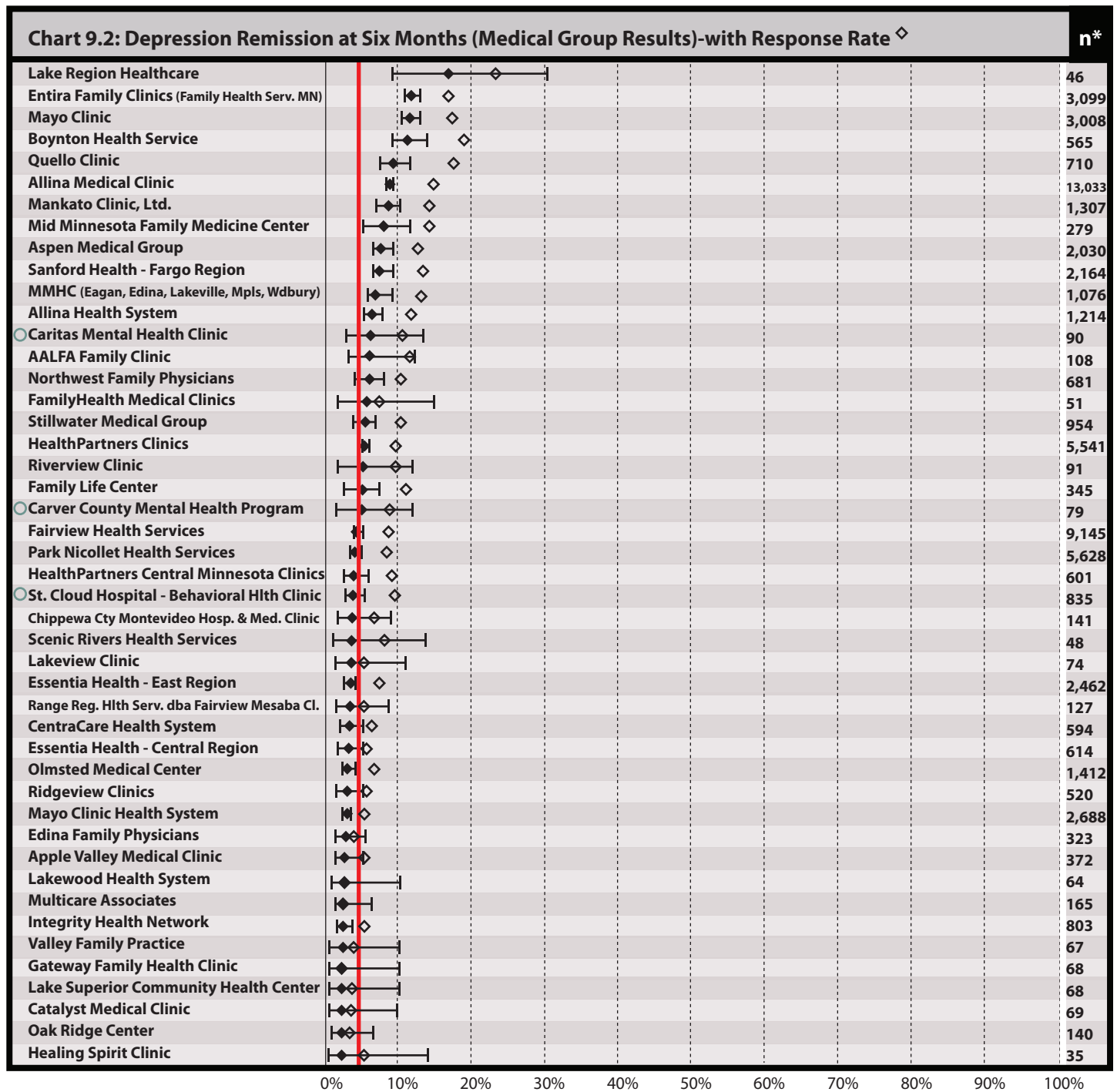
##### Allina Medical Clinic

- Annandale
- Buffalo
- Cokato
- St. Michael

#### Northeast- 0 out of 20 (0%)

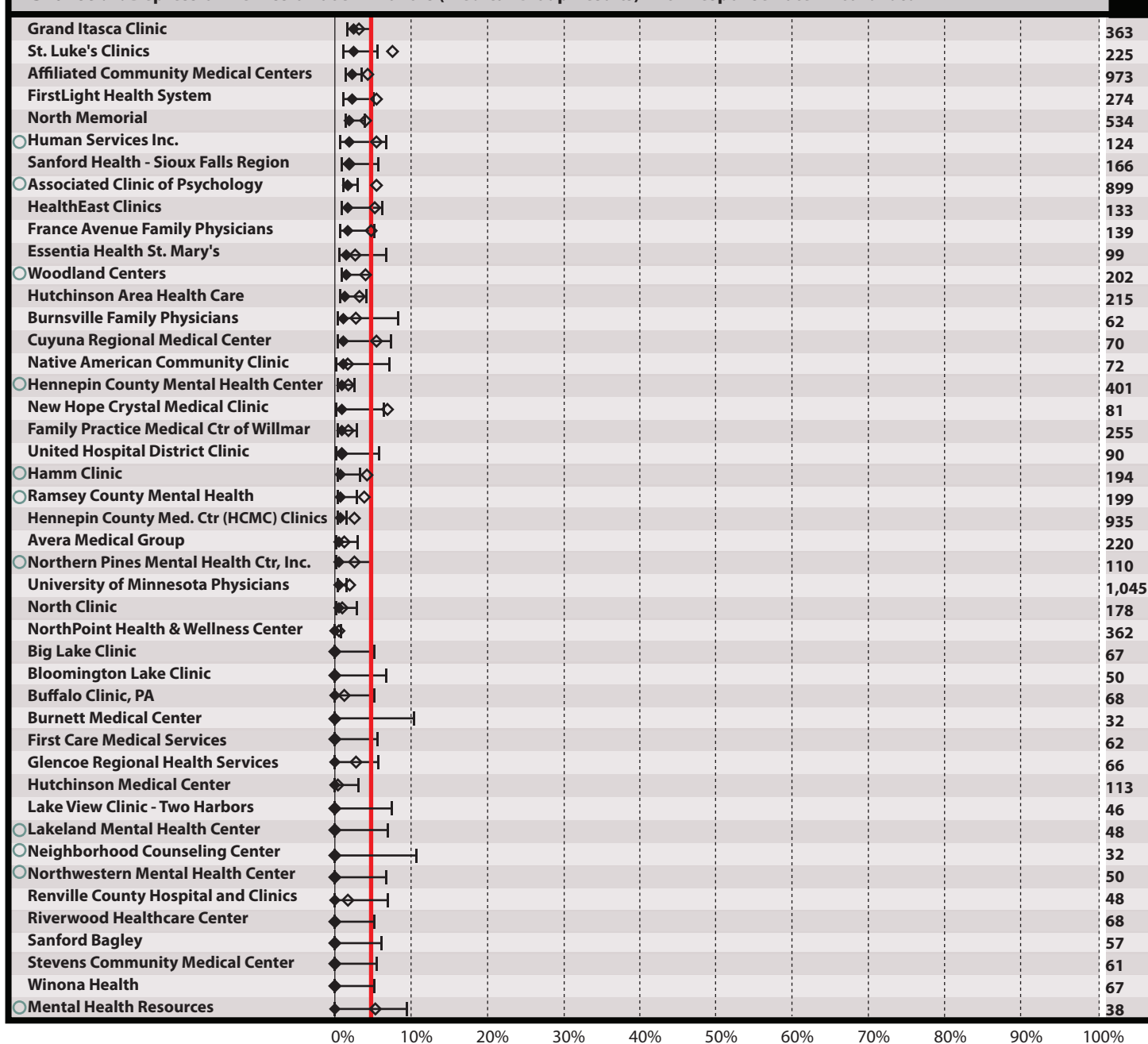
#### Southwest- 0 out of 19 (0%)





MMHC - Minnesota Mental Health Clinics

- ◆ 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

**Chart 9.2: Depression Remission at Six Months (Medical Group Results)-with Response Rate** ◇ - *continued***n\*****Statewide Average: Remission 6%****Statewide Average: Response 11%**

○ 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 2012

Clinic results by medical group showed that an average of 6 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than five). **Lake Region Healthcare** set the benchmark of 17 percent of depression patients in remission at six months. There were 9 of 91 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:

- Lake Region Healthcare
- Entira Family Clinics
- Mayo Clinic
- Boynton Health Service
- Quello Clinic
- Allina Medical Clinic
- Mankato Clinic, Ltd.
- Aspen Medical Group
- Sanford Health - Fargo Region

### Biggest improvement from 2011-2012

Not applicable.

### Medical group performance over time (2010-2012)

Not applicable.

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

### Depression Remission and Response at 12 Months

#### Depression Remission and Response at 12 Months (Results at the Clinic and Medical Group Level)

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

Depression Remission at 12 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 12 Months is 5 percent. Table 10 displays the details of the statewide rate. Figure 10 displays the statewide rates over time for Depression Remission at 12 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).

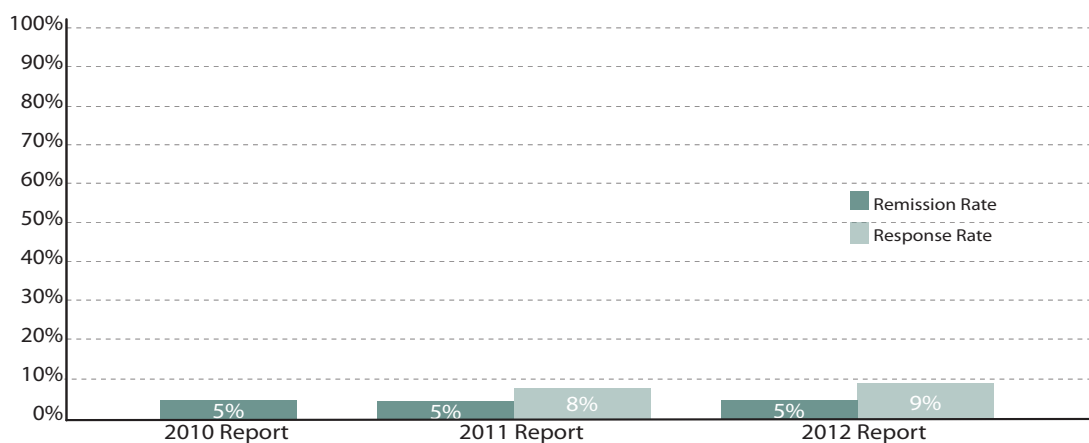
Depression Response at 12 Months is defined as the percentage of patients whose PHQ-9 score at 12 months decreased by at least 50% from their initial PHQ-9 score. The statewide rate for Depression Response at 12 Months is 9 percent. Table 10 displays the details of the statewide rate. Figure 10 displays 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 12 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 MNCM by medical groups/clinics from electronic health records or paper-based medical charts.

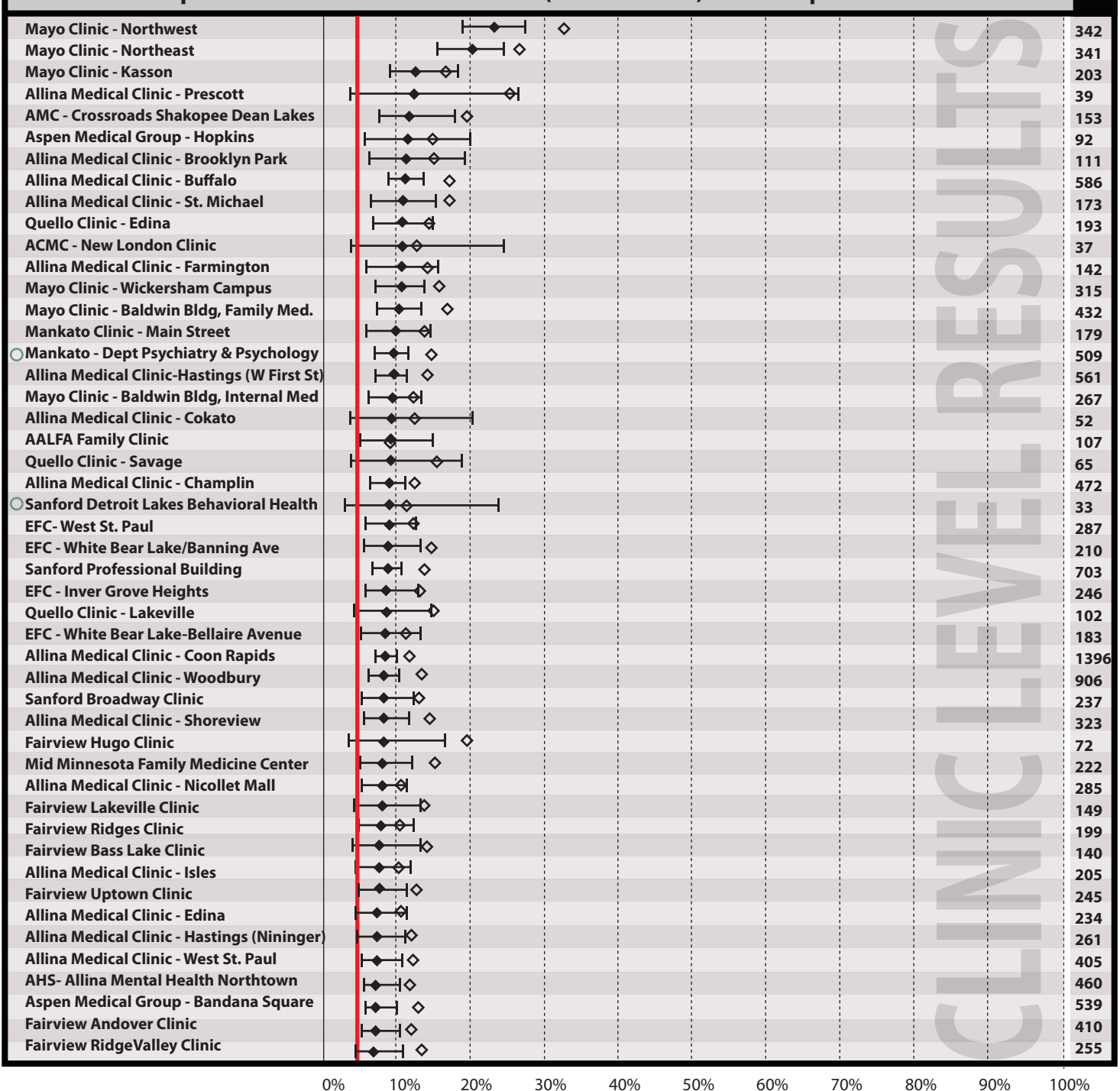
**Table 10: Statewide Rate for Depression Remission and Response at 12 Months**

	Statewide Average	95% CI	Numerator (Patients who met treatment goals)	Denominator
Depression <u>Remission</u> at Twelve Months	5.1%	5.0%-5.3%	3,344	65,307
Depression <u>Response</u> at Twelve Months	8.7%	8.5%-8.9%	5,663	65,307

**Figure 10: Statewide Rates for Depression Remission at 12 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 10.1: Depression Remission at 12 Months (Clinic Results)- with Response Rate** ◇**n\***

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

**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
 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

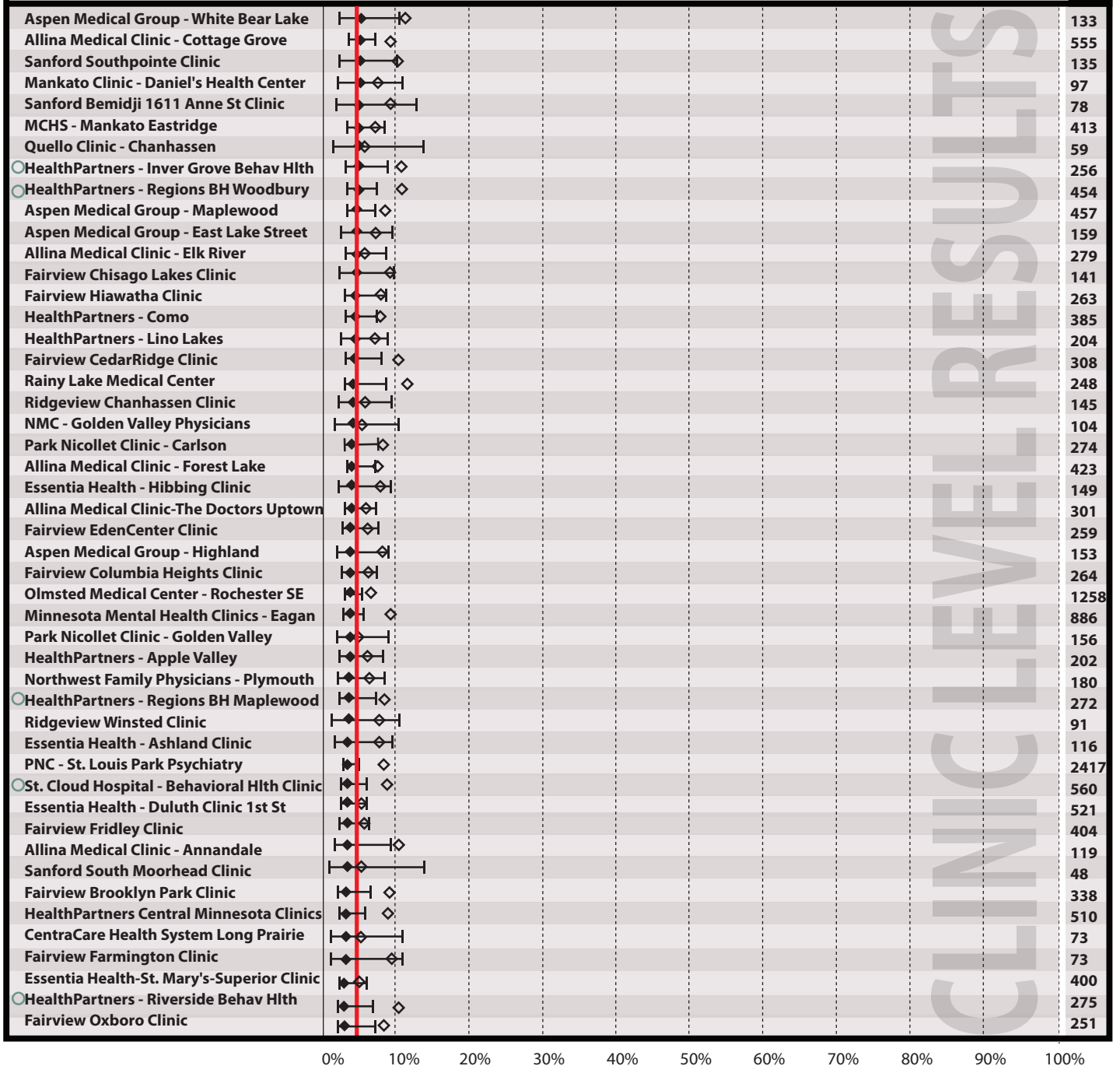
**Chart 10.1: Depression Remission at 12 Months (Clinic Results)- with Response Rate<sup>◇</sup>- continued****n\***

**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
 ACP - Associated Clinic of Psychology  
 AHS - Allina Health System  
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 CCMH - Chippewa County Montevideo Hospital  
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- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
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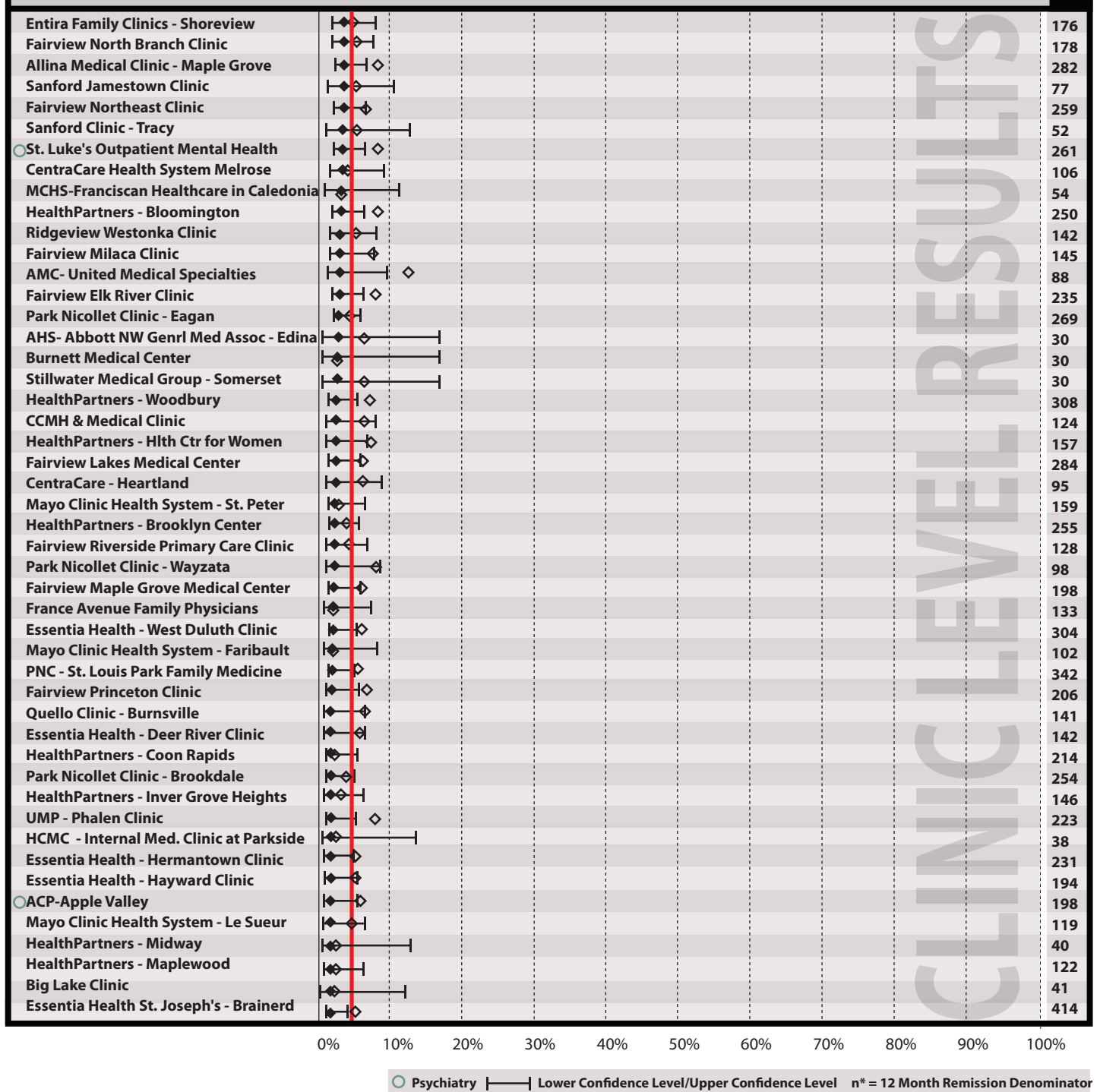
**Chart 10.1: Depression Remission at 12 Months (Clinic Results)- with Response Rate<sup>◇</sup> - continued****n\***

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

**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
 ACP - Associated Clinic of Psychology  
 AHS - Allina Health System  
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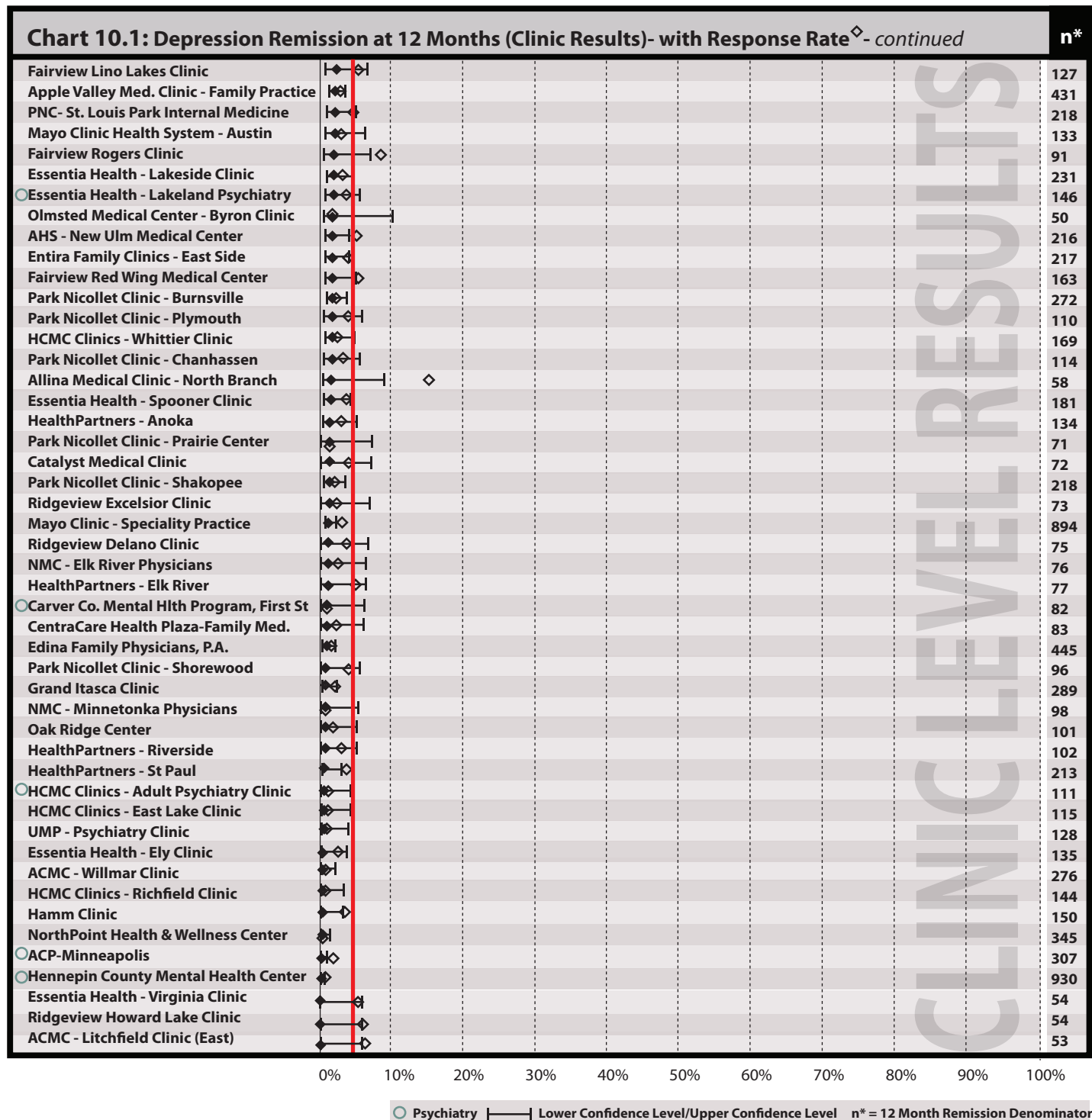
- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
- ◇ Response (Intermediate Outcome Measure): A patient with a 50% decrease in PHQ-9 score at 12 months

**Chart 10.1: Depression Remission at 12 Months (Clinic Results)- with Response Rate<sup>◇</sup> - continued****n\***

**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
 ACP - Associated Clinic of Psychology  
 AHS - Allina Health System  
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- ◆ Remission (Outcome Measure): A patient had a PHQ-9 score of <5 at 12 months
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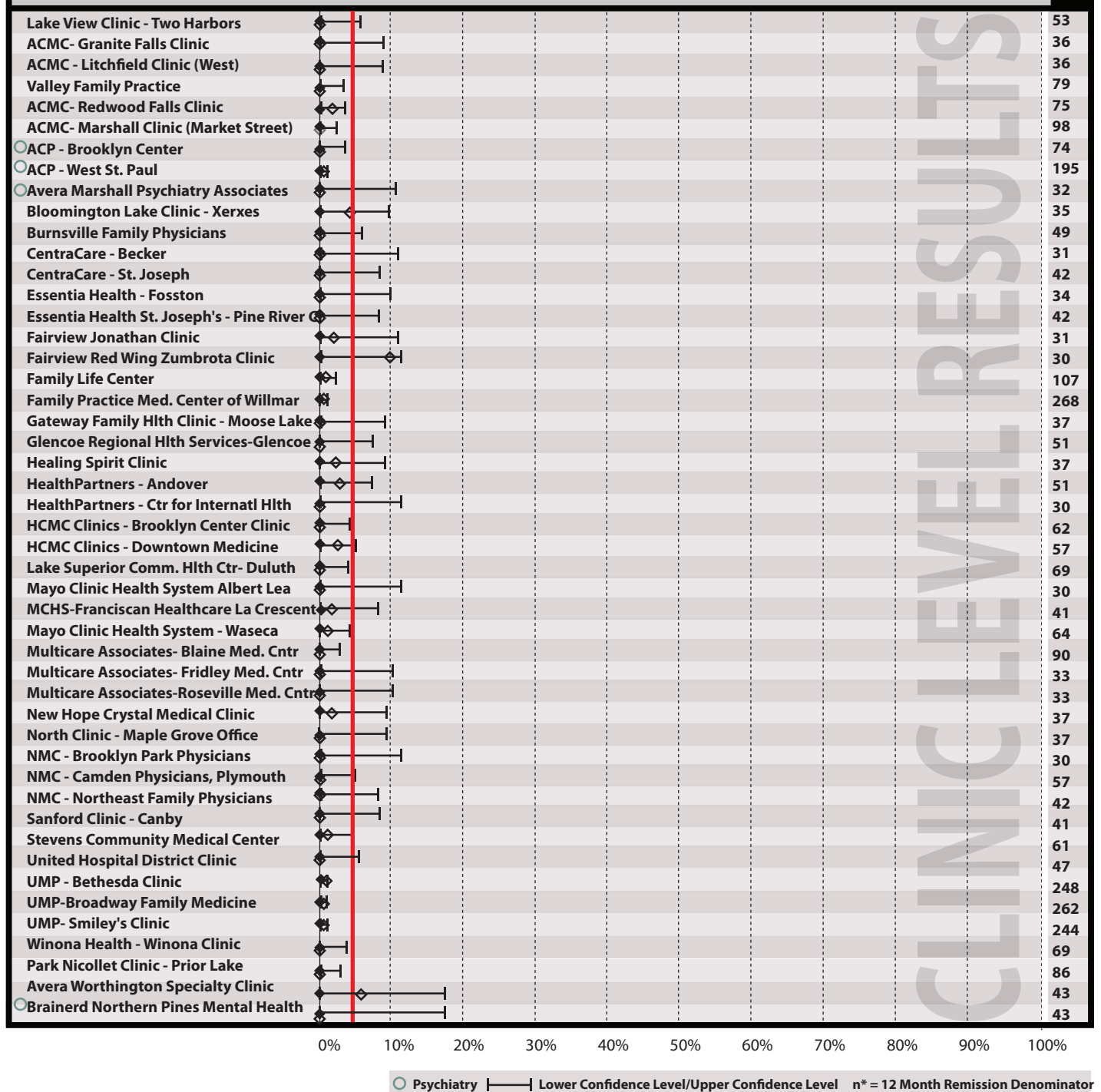


**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
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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 12 Months (Clinic Results)- with Response Rate<sup>◇</sup> - continued**



**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

ACMC - Affiliated Community Medical Centers  
 ACP - Associated Clinic of Psychology  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CCMH - Chippewa County Montevideo Hospital  
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 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

## Performance Highlights - Clinic Results

### Highest performers in 2012

Clinic results showed that an average of 5 percent of patients with depression were in remission at 12 months (had a PHQ-9 score of less than five). **Mayo Clinic - Northwest** set the benchmark of 23 percent of depression patients in remission at 12 months. There were 37 of 288 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:

**AALFA Family Clinic**
**Allina Health System**

- Allina Mental Health Northtown Clinic

**Allina Medical Clinic**

- Brooklyn Park
- Buffalo
- Champlin
- Coon Rapids
- Crossroads Shakopee Dean Lakes
- Faribault
- Farmington
- Hastings (W First St.)
- Nicollet Mall
- Northfield
- Prescott
- Shoreview

- St. Michael

- West St. Paul

- Woodbury

**Aspen Medical Group**

- Bandana Square

- Hopkins

**Boynton Health Service**
**Entira Family Clinics**

- Inver Grove Heights

- West St. Paul

- White Bear Lake/Banning Ave.

- White Bear Lake-Bellaire Ave.

**Fairview Health Services**

- Andover Clinic

**Mankato Clinic, Ltd.**

- Department of Psychiatry and Psychology

- Main Street

- Wickersham Campus

**Mayo Clinic**

- Baldwin Bldg., Family Medicine

- Baldwin Bldg., Internal Medicine

- Kasson

- Northeast

- Northwest

**Mid Minnesota Family Medicine Center**
**Quello Clinic**

- Edina

**Sanford**

- Broadway Clinic

- Professional Building

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Depression Remission at 12 Months (clinic results) was made by **Mayo Clinic- Kasson**, whose score increased by more than 10 percentage points.

## Performance Highlights - Clinic Results

### Clinic performance over time (2010-2012)

We reviewed the data to identify patterns of clinic performance in clinics with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following four clinics achieved consistently high performance and above-average rates over the past three years for Depression Remission at 12 Months:**

- Entira Family Clinics- White Bear Lake/Banning Ave.
- Entira Family Clinics- White Bear Lake-Bellaire Avenue
- Mayo Clinic- Northeast
- Mayo Clinic- Northwest

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

- Allina Medical Clinic - Farmington
- Allina Medical Clinic - Hastings (W First St)
- Mayo Clinic - Northeast

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

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

- |   |  |
|---|--|
| • Allina Medical Clinic - Cokato                          | • Essentia Health - St. Mary's-Superior Clinic |
| • Allina Medical Clinic - Cottage Grove                   | • Fairview Elk River Clinic                    |
| • Allina Medical Clinic - Elk River                       | • Fairview Red Wing Medical Center             |
| • Allina Medical Clinic - Forest Lake                     | • HealthPartners - Anoka                       |
| • Allina Medical Clinic - Maple Grove                     | • HealthPartners - Apple Valley                |
| • Allina Medical Clinic - Northfield                      | • HealthPartners - Bloomington                 |
| • Allina Medical Clinic - Ramsey                          | • HealthPartners - Brooklyn Center             |
| • Entira Family Clinics - North St. Paul                  | • HealthPartners - Como                        |
| • Entira Family Clinics - Vadnais Heights                 | • HealthPartners - Coon Rapids                 |
| • Entira Family Clinics - West St. Paul                   | • HealthPartners - Elk River                   |
| • Entira Family Clinics - White Bear Lake-Bellaire Avenue | • HealthPartners - Inver Grove Behav Hlth      |
| • Essentia Health - Ashland Clinic                        | • HealthPartners - Inver Grove Heights         |
| • Essentia Health - Deer River Clinic                     | • HealthPartners - Roseville                   |
| • Essentia Health - Duluth Clinic 1st St                  | • HealthPartners - West                        |
| • Essentia Health - Hermantown                            | • HealthPartners - Woodbury                    |
| • Essentia Health - Lakeside Clinic                       |  |

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



# Getting Better



## ***Improving depression remission through integration: Mayo Family Clinic Northeast***

Integrating behavioral health into primary care in multiple ways has helped one clinic show consistent improvement in depression measure results over time.

Mayo Family Clinic Northeast in Rochester has shown both consistent improvement and high performance in the past three years in its ability to address depression care. In the past two years, the clinic's six- and 12-month remission rates have been measured at more than 20%. (For comparison, the average statewide for patients achieving depression remission at six months is 6%; only 5% of providers reported their patients were in remission at 12 months).

The clinic has integrated behavioral health into its primary care services, from participating in a program that re-thinks depression care and payment to ensuring that the physical site of the clinic allows strong collaboration, said Barb Graham, RN, integrated behavioral health care coordinator at the clinic.

"A lot of depressed patients don't meet with a mental health specialist," noted psychiatrist Kristin Somers, MD. "Their depression is being managed by their primary care provider, and they get better. A psychiatrist and a psychiatric clinical nurse specialist are available for consultation."

A big step toward integrated care occurred in 2008, when the clinic began participating in the Depression Improvement Across Minnesota, Offering a New Direction, or DIAMOND program, Graham said. That program allowed the clinic to reframe its approach. DIAMOND is a care model from the Institute on Clinical Systems Improvement (ICSI) that is used in 60 primary care clinics statewide. It focuses on managing depression in the primary care setting, with a collaborative agreement on model and payment mechanism with major Minnesota health plans, the Minnesota Department of Human Services, ICSI, providers, purchasers and patients. DIAMOND has six care management elements, including a care manager to educate, coordinate and troubleshoot patient service, and a psychiatrist role to provide consultation and caseload review on a formalized basis.

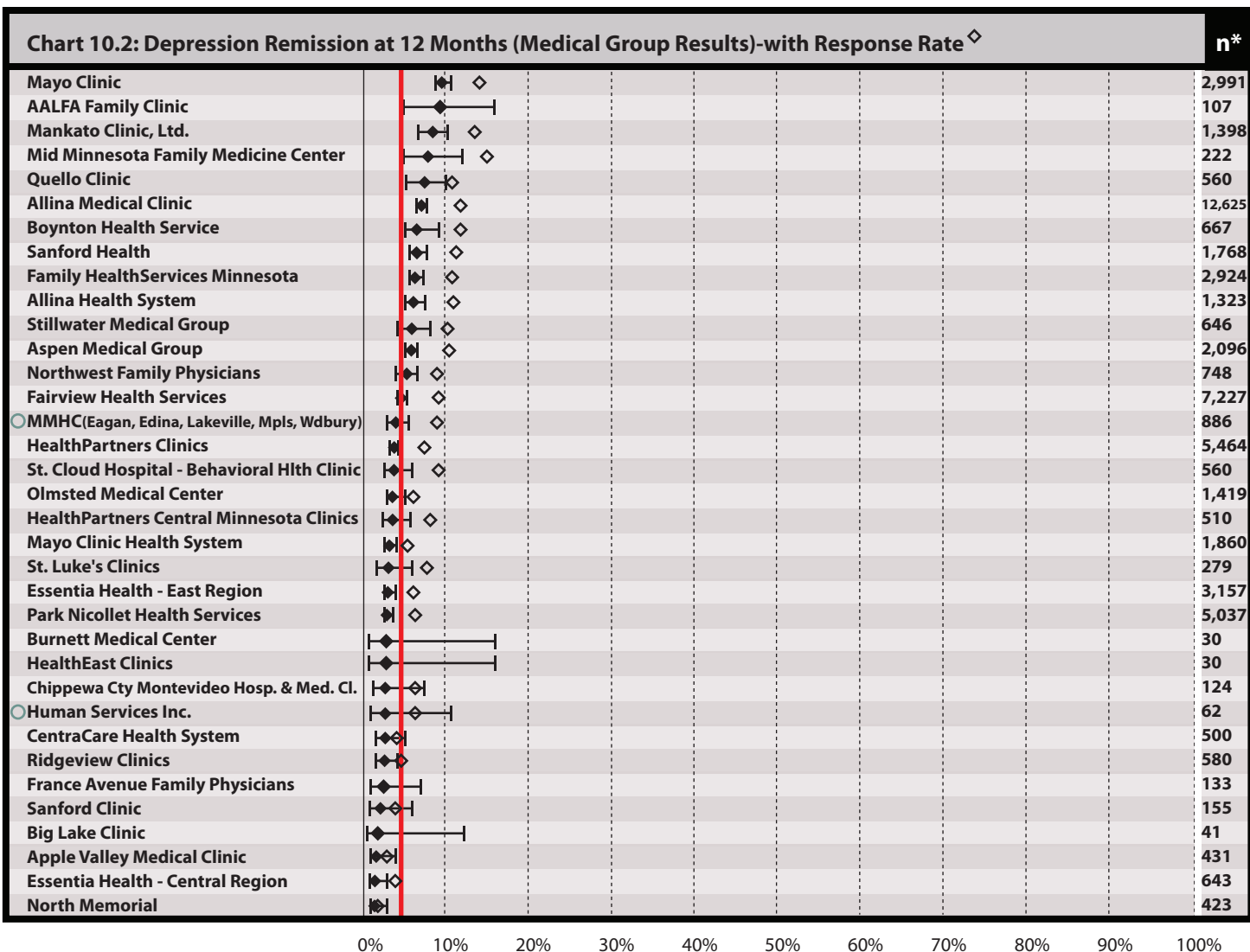
"Mayo Family Clinic Northeast began the DIAMOND program in fall 2008, and has expanded into a more integrated behavioral health program," Graham said. Two full-time licensed clinical social workers provide a variety of resources for patients and providers, including triage, brief psychotherapy, and referral, and general social work services.

Kristin Vickers-Douglas, PhD, LP, a clinical psychologist, is on-site one day a week and supervises two post-doctorate psychology fellows who work with patients. Vickers-Douglas trains providers to do motivational interviewing of patients, and participates in weekly meetings on patient progress to collaborate closely on patient care, she said.

Working with and training primary care providers on how care team members can answer their questions about mental health has made a big difference, Somers said. "Providers consistently tell us how pleased they are to have access to mental health staff to ask questions."

Having enough staff resources is a big help, Graham noted. "Every day there is a member of the integrated behavioral health team on site at NE clinic to provide support for providers and care for patients," she said. As access to on-site depression treatment has improved, providers no longer need to spend as much time with external referrals. "Clinicians appreciate knowing the care plan for their patients. External referrals for treatment can create challenges to collaborative continuity of care."

"There were more loose ends (before)," Vickers-Douglas said. "Now all of our offices are in the same hallway, for the integrated behavioral health team, and providers appreciate the easy access and ability to arrange a warm hand-off for their patients."

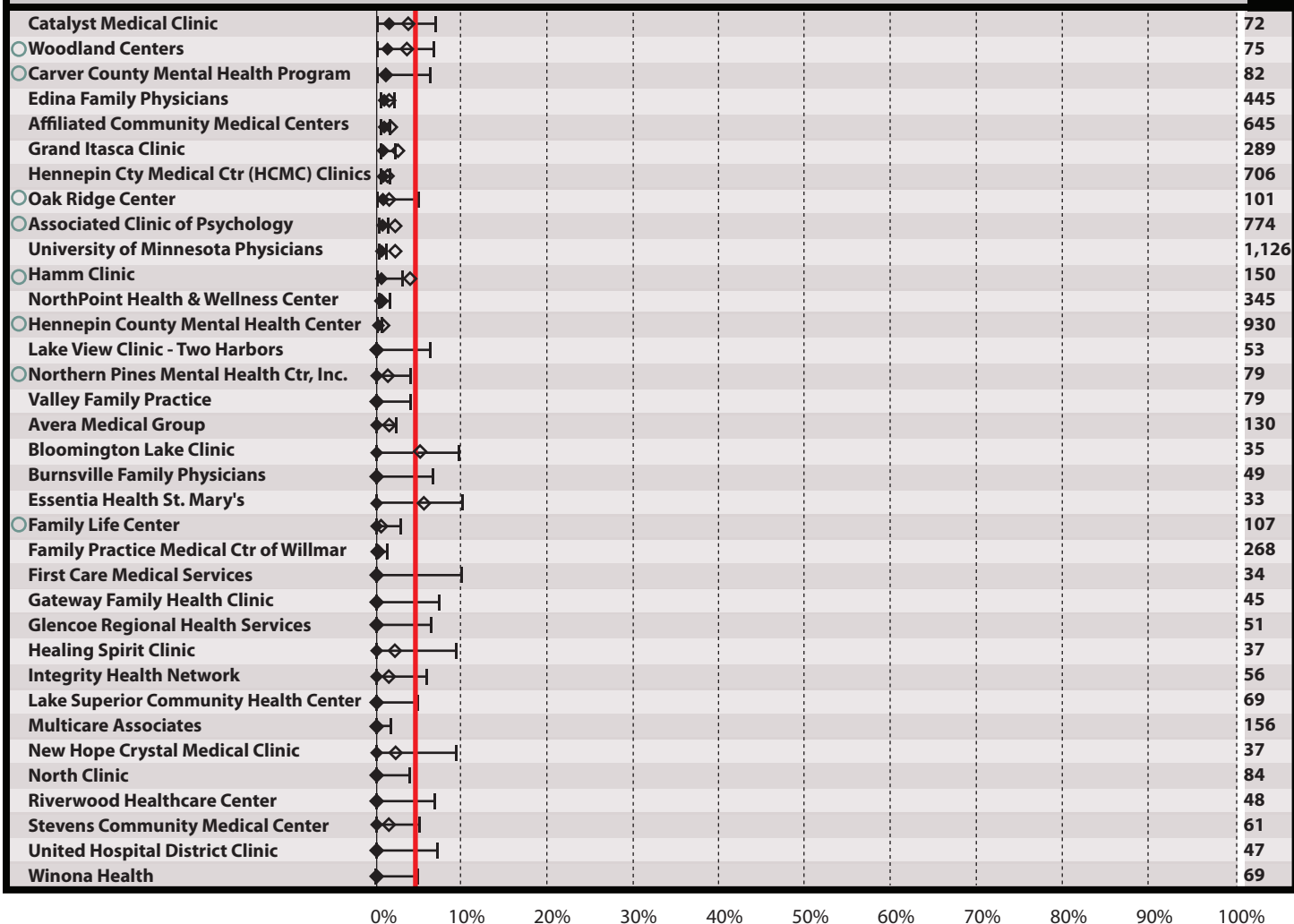


**Statewide Average: Remission 5%**  
**Statewide Average: Response 9%**

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

MMHC - Minnesota Mental Health Clinics

- ◆ 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

**Chart 10.2: Depression Remission at 12 Months (Medical Group Results)-with Response Rate** ◇ - *continued***n\*****Statewide Average: Remission 5%****Statewide Average: Response 9%**

○ 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 2012

Clinic results by medical group showed that an average of 5 percent of patients with depression were in remission at 12 months (had a PHQ-9 score of less than five). **Mayo Clinic** set the benchmark of 10 percent of depression patients in remission at 12 months. There were 11 of 70 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:

- Mayo Clinic
- AALFA Family Clinic
- Mankato Clinic, Ltd.
- Mid Minnesota Family Medicine Center
- Quello Clinic
- Allina Medical Clinic
- Boynton Health Service
- Sanford Health
- Entira Family Clinics
- Allina Health System
- Aspen Medical Group

### Biggest improvement from 2011-2012

Not applicable.

### Medical group performance over time (2010-2012)

Not applicable.

## 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, 2010 - June 30, 2011 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).

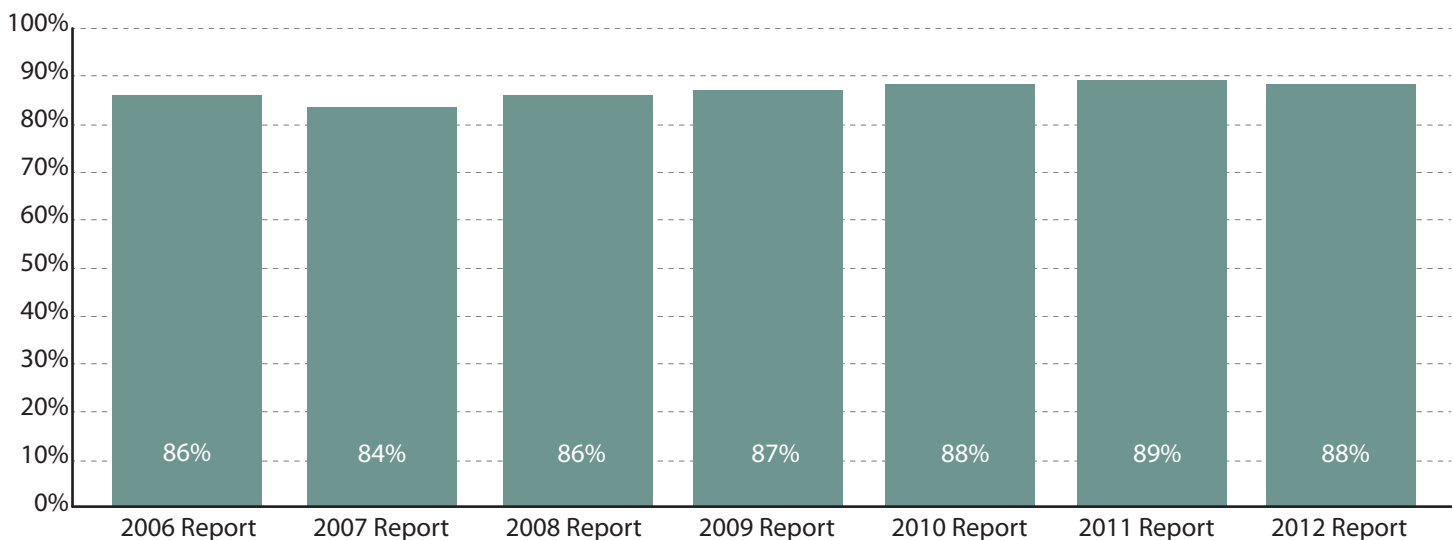
The statewide rate for Appropriate Treatment for Children with URI is 88 percent. Table 11 displays the details of the 2012 rate. Figure 11 shows the Appropriate Treatment for Children with URI over time. Since the 2006 report, the rate has remained relatively stable. Chart 11 provides the rates by medical 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.

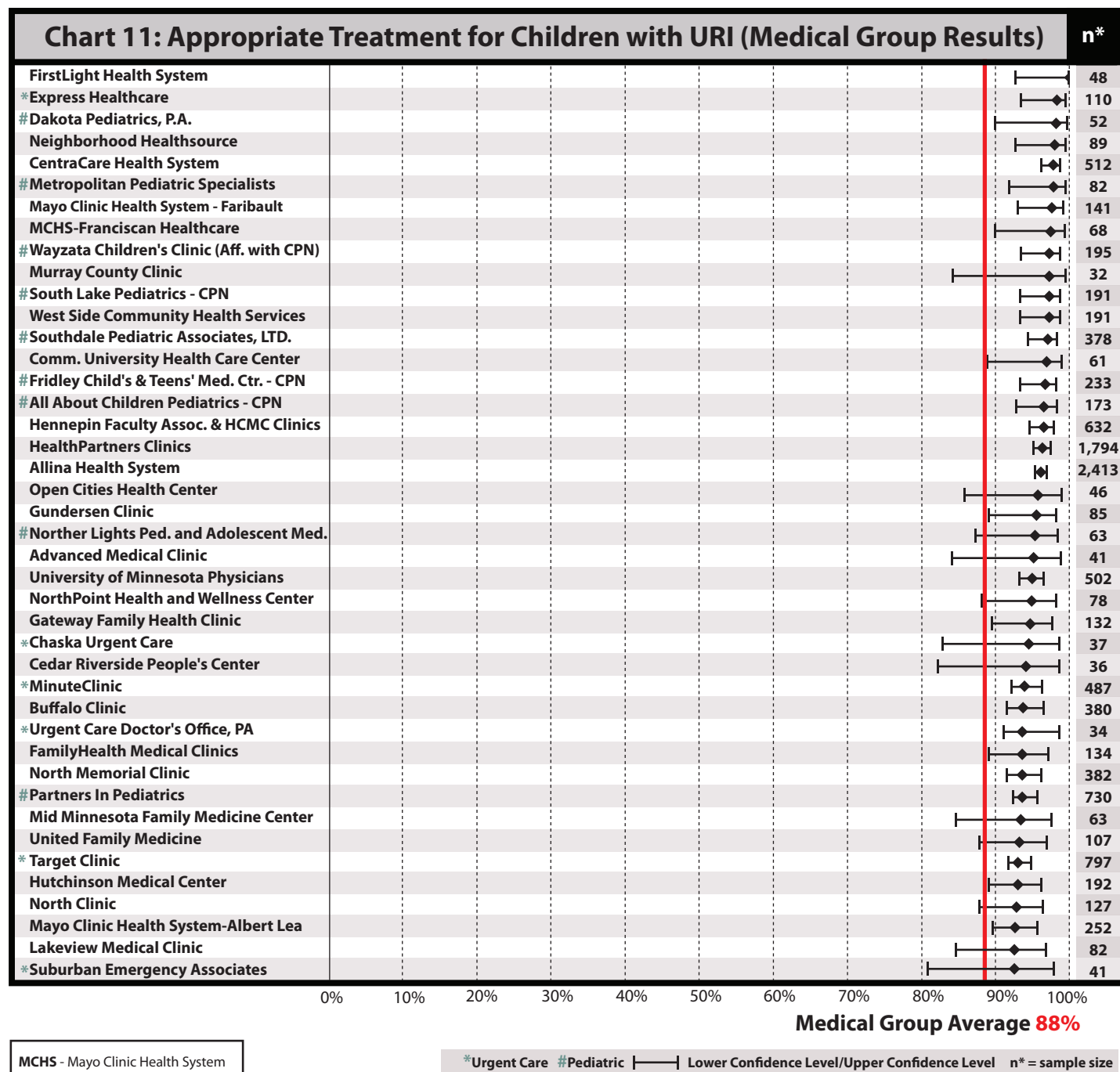
**Table 11: Statewide Rates for Appropriate Treatment for Children with URI**

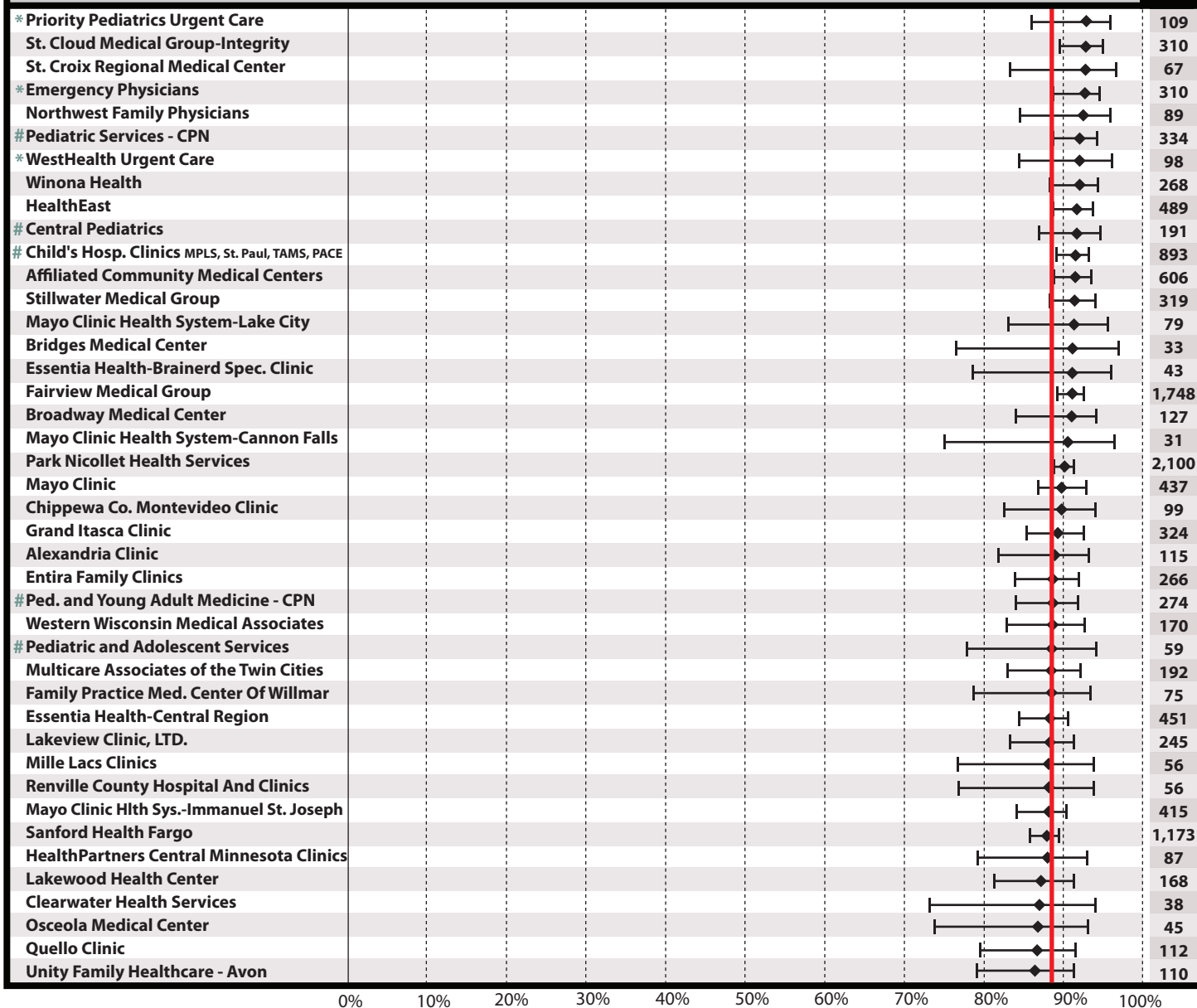
	Statewide Average	95% CI	Numerator (Patients who were not given an antibiotic prescription)	Denominator
Appropriate Treatment for Children with Upper Respiratory Infection	87.9%	87.6%-88.2%	33,025	37,573

**Figure 11: Statewide Rates for Appropriate Treatment for Children with URI Over Time**



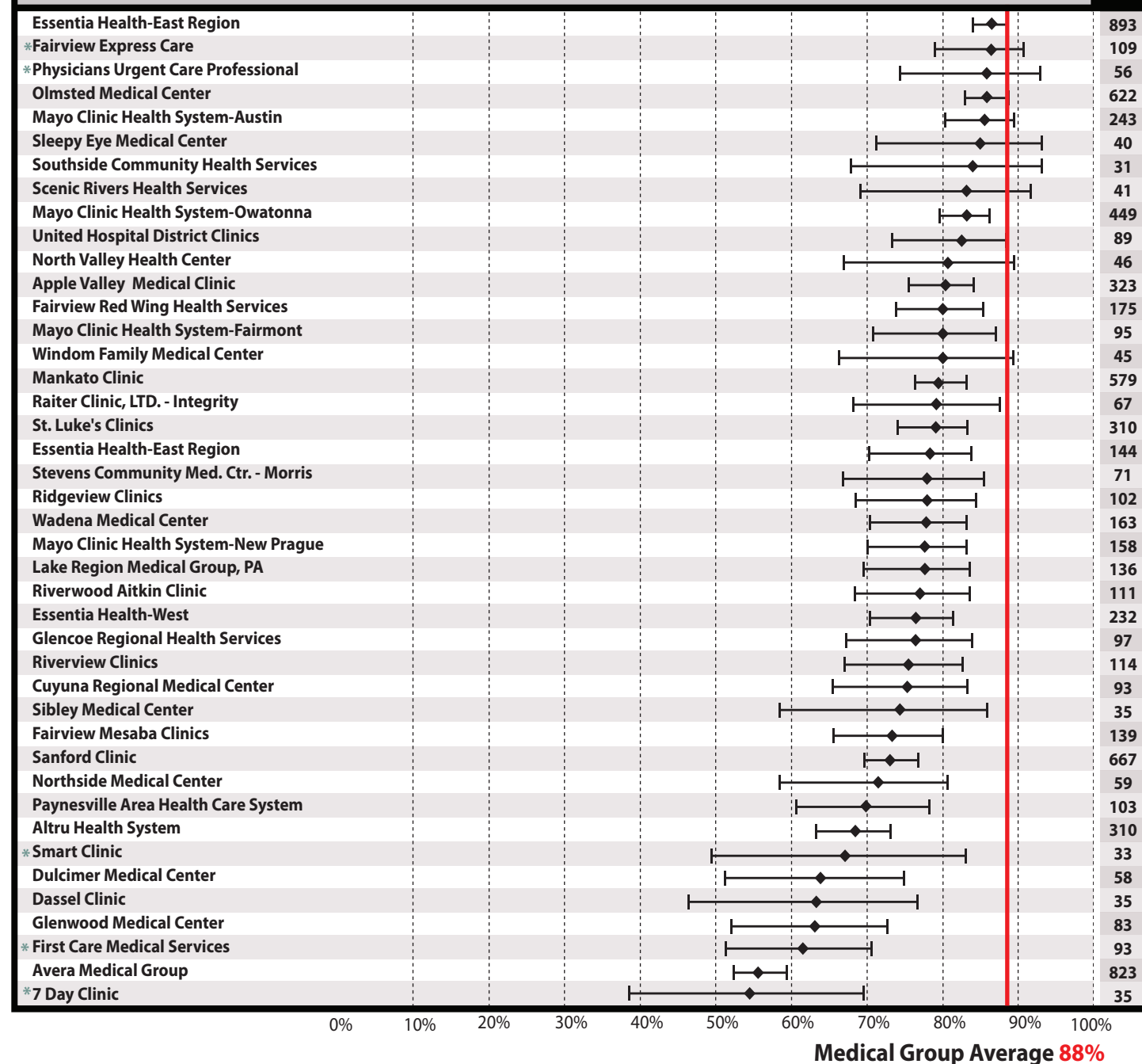
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



**Chart 11: Appropriate Treatment for Children with URI (Medical Group Results) - continued****n\*****Medical Group Average 88%**

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



**Chart 11: Appropriate Treatment for Children with URI (Medical Group Results)- continued****n\***

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

## Performance Highlights - Medical Group Results

### Highest performers in 2012

Medical group results showed an average of 88 percent of children ages three months to 18 years, with a diagnosis of URI, were appropriately managed without antibiotics. **FirstLight Health System** set the benchmark of 100 percent. Thirty-seven of 126 medical groups had rates and confidence intervals fully above the medical group average. They are below from high to low.

- FirstLight Health System
- Express Healthcare
- Dakota Pediatrics, P.A.
- Neighborhood Healthsource
- CentraCare Health System
- Metropolitan Pediatric Specialists
- Mayo Clinic Health System - Faribault
- Mayo Clinic Health System - Franciscan Healthcare
- Wayzata Children's Clinic
- South Lake Pediatrics - Children's Physician Network
- West Side Community Health Services
- Southdale Pediatric Associates Ltd
- Community University Health Care Center
- Fridley Children's & Teenagers' Medical Center
- All About Children Pediatrics
- Hennepin Faculty Associates & HCMC Clinics
- HealthPartners Clinics
- Allina Health System
- Gundersen Clinic
- University of Minnesota Physicians
- Gateway Family Health Clinic
- MinuteClinic
- Buffalo Clinic
- FamilyHealth Medical Clinics
- North Memorial Clinic
- Partners In Pediatrics - Children's Physician Network
- Target Clinic
- Hutchinson Medical Center
- Mayo Clinic Health System - Albert Lea
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water-Integrity
- Emergency Physicians
- Pediatric Services - Children's Physician Network
- HealthEast
- Children's Hospital Clinics Mpls, St. Paul, Tams, PACE
- Affiliated Community Medical Centers
- Fairview Medical Group
- Park Nicollet Health Services

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Treatment for Children with Upper Respiratory Infection (medical group results) was made by **Murray County Clinic**, whose score increased by more than 24 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following 17 medical groups achieved consistently high performance and above-average rates over the past three years for Treatment for Children with Upper Respiratory Infection:**

- Buffalo Clinic
- CentraCare Health System
- Children's Hospital Clinics Mpls, St. Paul, TAMS, PACE
- Dakota Pediatrics, P.A.
- Fridley Children's and Teenagers' Medical Center
- HealthPartners Clinics
- Hennepin Faculty Associates & HCMC Clinics
- Metropolitan Pediatric Specialists
- MinuteClinic
- Neighborhood Healthsource
- North Memorial Clinic
- Partners in Pediatrics
- South Lake Pediatrics
- Southdale Pediatric Associates, Ltd.
- University of Minnesota Physicians
- Wayzata Children's Clinic
- West Side Community Health Services

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

- Alexandria Clinic
- Avera Medical Group
- Broadway Medical Center
- Familyhealth Medical Clinics
- Mayo Clinic Health System - Lake City
- North Clinic
- Renville County Hospital And Clinics
- Riverview Clinics
- Southern Metro Medical Clinics

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

- Altru Health System
- Central Lakes Medical Clinic - Integrity
- Fairview Mesaba Clinics
- Paynesville Area Health Care System
- Pediatric And Adolescent Services
- Sleepy Eye Medical Center
- United Hospital District Clinics

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

- Buffalo Clinic
- CentraCare Health System
- Dakota Pediatrics, P.A.
- Emergency Physicians
- Essentia Health - East Region
- Fridley Children's & Teenagers' Medical Center
- Grand Itasca Clinic
- Gundersen Clinic
- HealthEast
- HealthPartners Clinics
- Hennepin Faculty Associates & HCMC Clinics
- Hutchinson Medical Center
- Lakewood Health Center
- Mayo Clinic Health System - Faribault
- MinuteClinic
- Neighborhood Healthsource
- North Memorial Clinic
- Park Nicollet Health Services
- Partners In Pediatrics
- Pediatric Services
- Stillwater Medical Group

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

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

### Appropriate Testing for Children with Pharyngitis

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

July 1, 2010 - June 30, 2011 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).

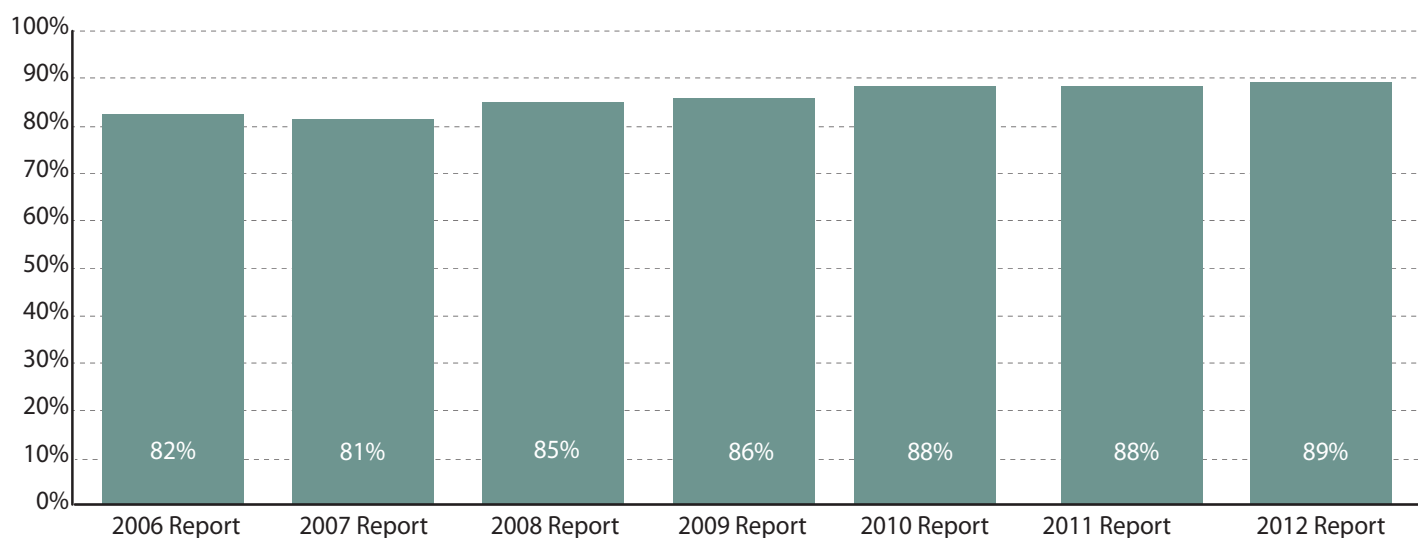
The statewide rate for Appropriate Testing for Children with Pharyngitis is 89 percent. Table 12 displays the details of the 2012 rate. Figure 12 shows the Appropriate Testing for Children with Pharyngitis over time. Since the 2006 report, there has been a steady increase in this rate. Chart 12 provides 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.

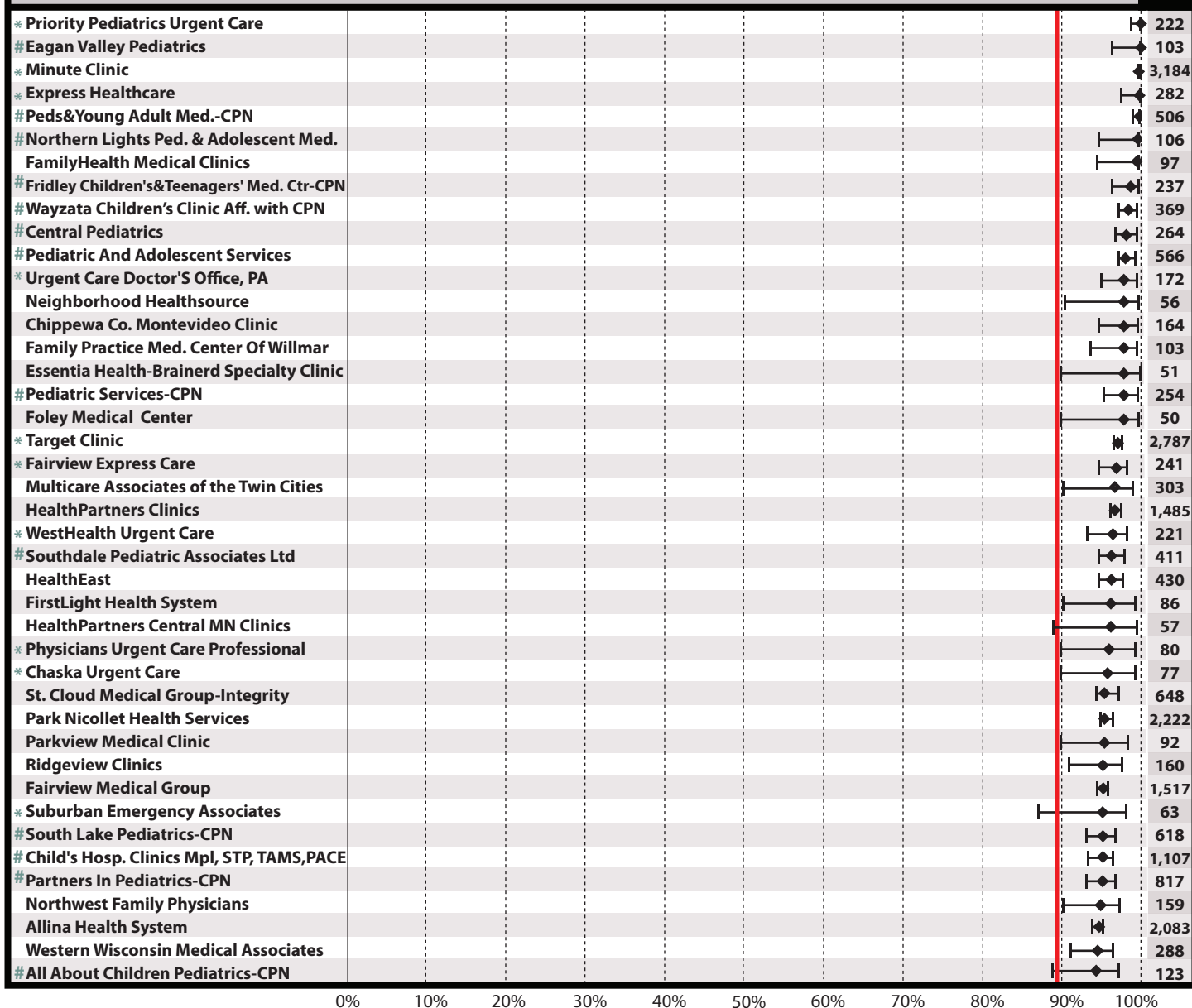
**Table 12: Statewide Rate for Appropriate Testing for Children with Pharyngitis**

	Statewide Average	95% CI	Numerator (Patients who recieved an antibiotic and Group A test)	Denominator
Appropriate Testing for Children with Pharyngitis	88.9%	88.6%-89.1%	39,213	44,132

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

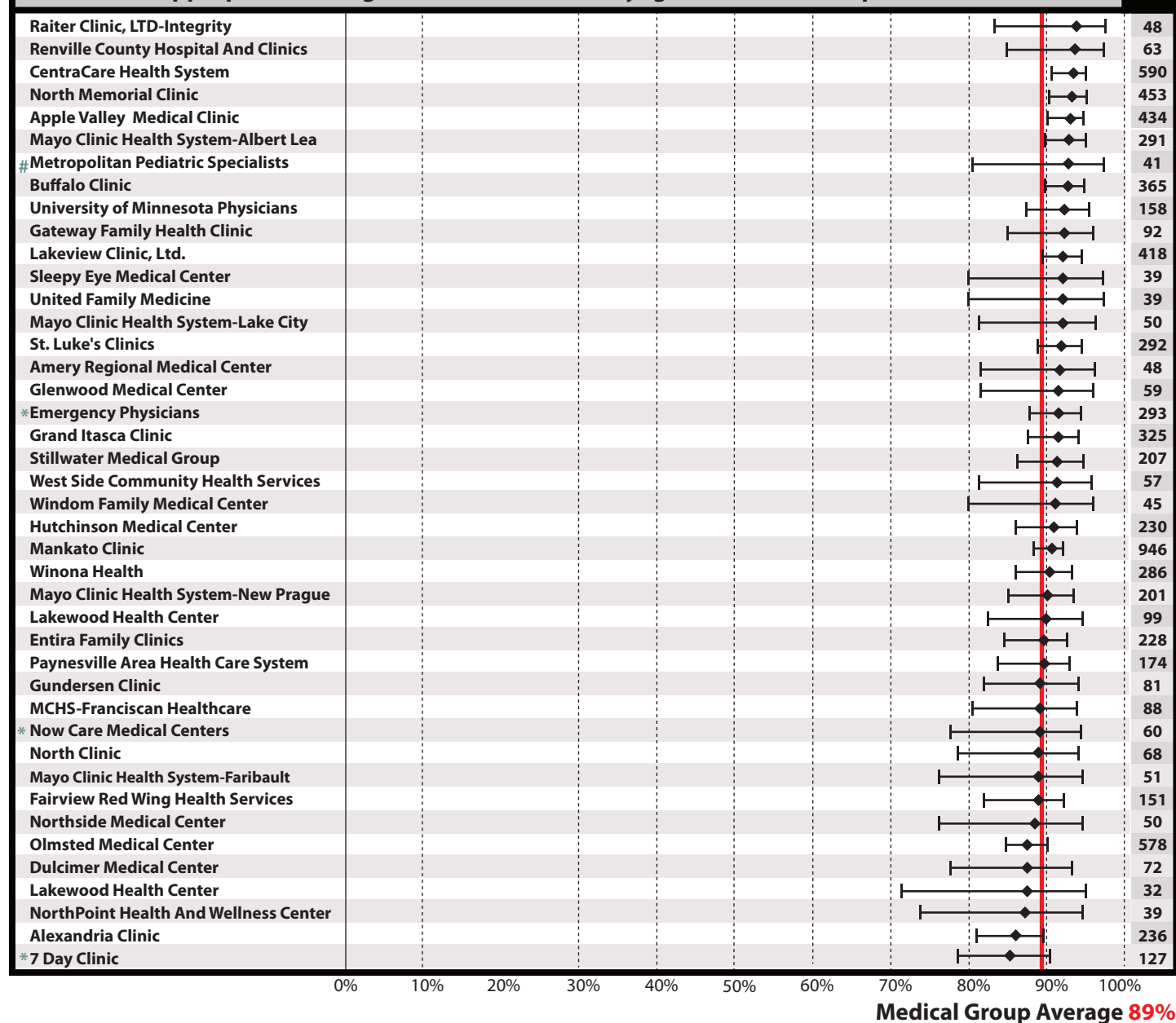


Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

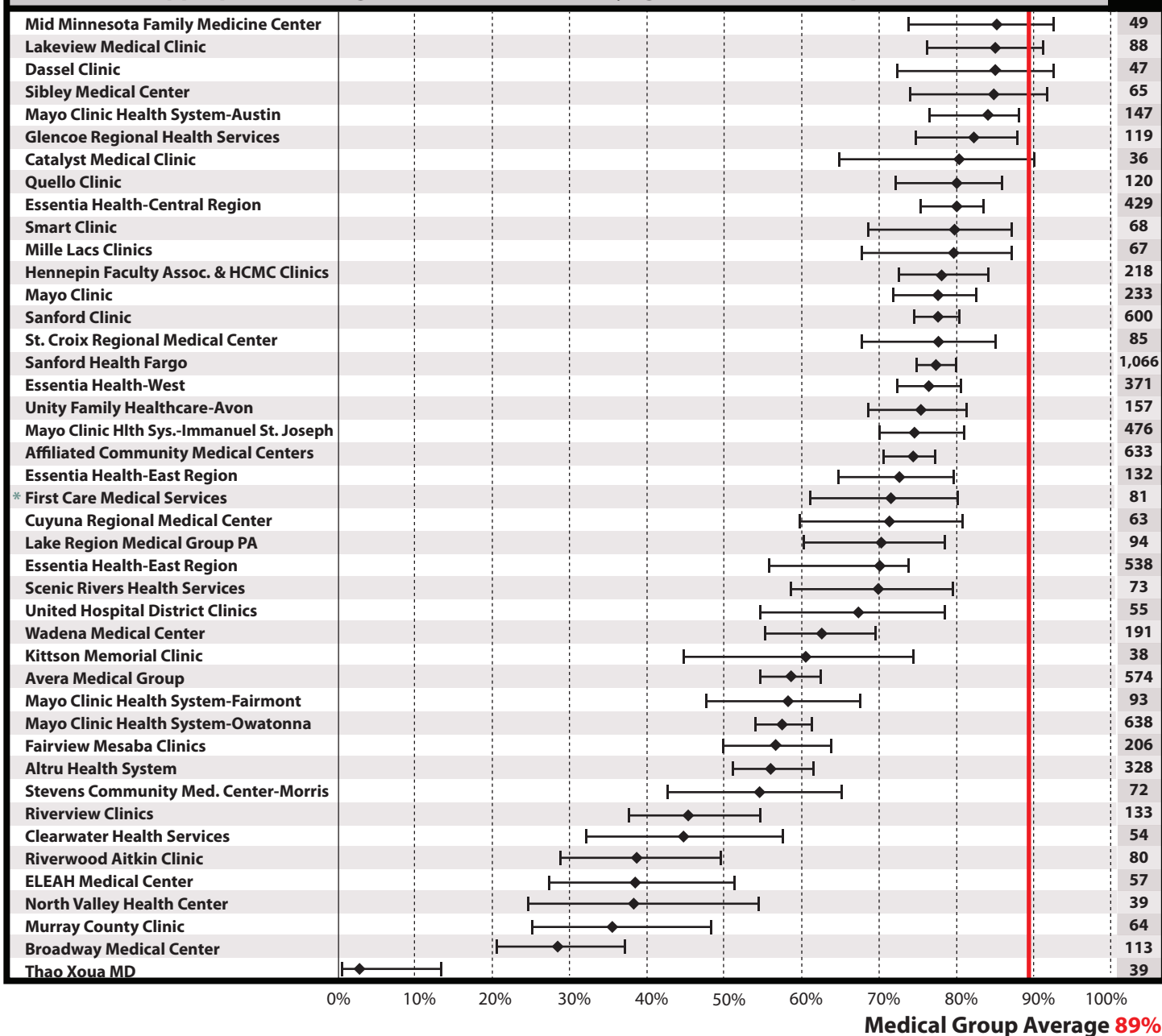
**Chart 12: Appropriate Testing for Children with Pharyngitis (Medical Group Results)****n\*****Medical Group Average 89%**

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

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**Chart 12: Appropriate Testing for Children with Pharyngitis (Medical Group Results) - continued****n\***

MCHS - Mayo Clinic Health System

**Chart 12: Appropriate Testing for Children with Pharyngitis (Medical Group Results) - continued****n\***

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

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## Performance Highlights - Medical Group Results

### Highest performers in 2012

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. **Priority Pediatrics Urgent Care** and **Eagan Valley Pediatrics** set the benchmark of 100 percent. Forty-five of 127 medical groups had rates and confidence intervals fully above the medical group average. These groups are below from high to low performance.

- Priority Pediatrics Urgent Care
- Eagan Valley Pediatrics
- MinuteClinic
- Express Healthcare
- Pediatric and Young Adult Medicine
- Northern Lights Pediatric And Adolescent Medicine
- FamilyHealth Medical Clinics
- Fridley Children's & Teenagers' Medical Center
- Wayzata Children's Clinic
- Central Pediatrics
- Pediatric and Adolescent Services
- Urgent Care Doctor'S Office, PA
- Neighborhood Healthsource
- CCMH-Montevideo Clinic
- Family Practice Medical Center Of Willmar
- Essentia Health - Brainerd Specialty Clinics
- Pediatric Services - Children'S Physician Network
- Foley Medical Center
- Target Clinic
- Fairview Express Care
- Multicare Associates of the Twin Cities
- HealthPartners Clinics
- WestHealth Urgent Care
- Southdale Pediatric Associates Ltd
- HealthEast
- FirstLight Health System
- Physicians Urgent Care Professional
- Chaska Urgent Care
- St. Cloud Medical Group NW, So., Cold Spring, Clear Water-Integriy
- Park Nicollet Health Services
- Parkview Medical Clinic
- Ridgeview Clinics
- Fairview Medical Group
- South Lake Pediatrics - Children'S Physician Network
- Children's Hospital Clinics Mpls, St. Paul, Tams, PACE
- Partners In Pediatrics - Children'S Physician Network
- Northwest Family Physicians
- Allina Health System
- Western Wisconsin Medical Associates
- CentraCare Health System
- North Memorial Clinic
- Apple Valley Medical Clinic
- Albert Lea Clinic - Mayo Health System

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Appropriate Testing for Children with Pharyngitis (medical group results) was made by **Stevens Community Medical Center- Morris**, which had a 34 percentage point increase.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following 25 medical groups achieved consistently high performance and above-average rates over the past three years for Appropriate Testing for Children with Pharyngitis:**

- CCMH-Montevideo Clinic
- Central Pediatrics
- Children's Hospital Clinics Mpls., St. Paul, Tams, PACE
- Eagan Valley Pediatrics
- Express HealthCare
- Family Practice Medical Center of Willmar
- Fridley Children's and Teenagers' Medical Center
- HealthEast
- HealthPartners Clinics
- MinuteClinic
- Multicare Associates of the Twin Cities
- Northern Lights Pediatric and Adolescent Medicine
- Northwest Family Physicians
- Park Nicollet Health Services
- Parkview Medical Clinic
- Partners in Pediatrics- Children's Physician Network
- Pediatric and Adolescent Services
- Pediatric and Young Adult Medicine
- Priority Pediatrics Urgent Care
- South Lake Pediatrics- Children's Physician Network
- Southdale Pediatric Associates, Ltd.
- St. Cloud Medical Group NW, So., Cold Spring, Clearwater- Integrity
- Urgent Care Doctor's Office
- Wayzata Children's Clinic
- WestHealth Urgent Care

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

- Essentia Health - Central Region
- Lakewood Health Center
- Mankato Clinic
- Riverview Clinics
- Southern Metro Medical Clinics
- St. Luke's Clinics

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

- Mayo Clinic Health System - Faribault
- Owatonna Clinic - Mayo Health System
- University of Minnesota Physicians
- Wadena Medical Center
- West Side Community Health Services

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

- Buffalo Clinic
- Central Pediatrics
- Children's Hospital Clinics Mpls, St. Paul, Tams, PACE
- Eagan Valley Pediatrics
- Express Healthcare
- Fridley Children's & Teenagers' Medical Center
- HealthEast
- HealthPartners Central Minnesota Clinics
- MinuteClinic
- Multicare Associates of the Twin Cities
- Northwest Family Physicians
- Park Nicollet Health Services
- Paynesville Area Health Care System
- Pediatric And Adolescent Services
- Pediatric And Young Adult Medicine
- Pediatric Services - Children's Physician Network
- Priority Pediatrics Urgent Care
- South Lake Pediatrics - Children's Physician Network
- Southdale Pediatric Associates Ltd
- Stillwater Medical Group
- Urgent Care Doctor's Office, PA
- Wayzata Children's Clinic
- WestHealth Urgent Care
- Winona Health

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

## 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, 2011 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).

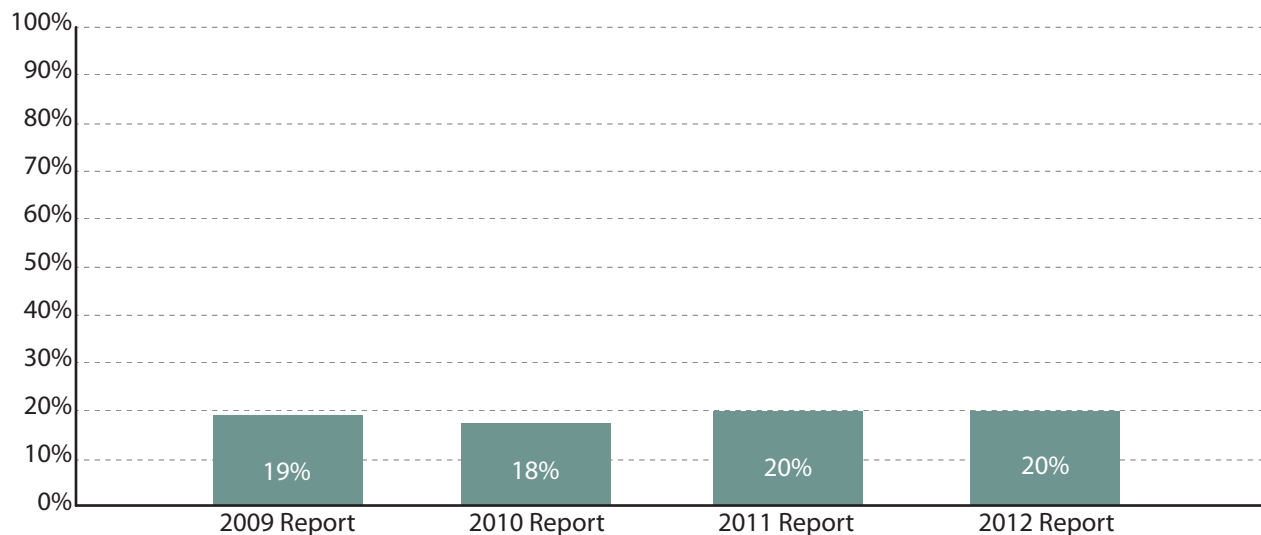
The statewide rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis is 20 percent. Table 13 displays the details of the 2012 rate. Figure 13 displays the statewide rates over time. The rate has remained relatively stable since 2009. Chart 13 provides the rates by medical group. The rates 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.

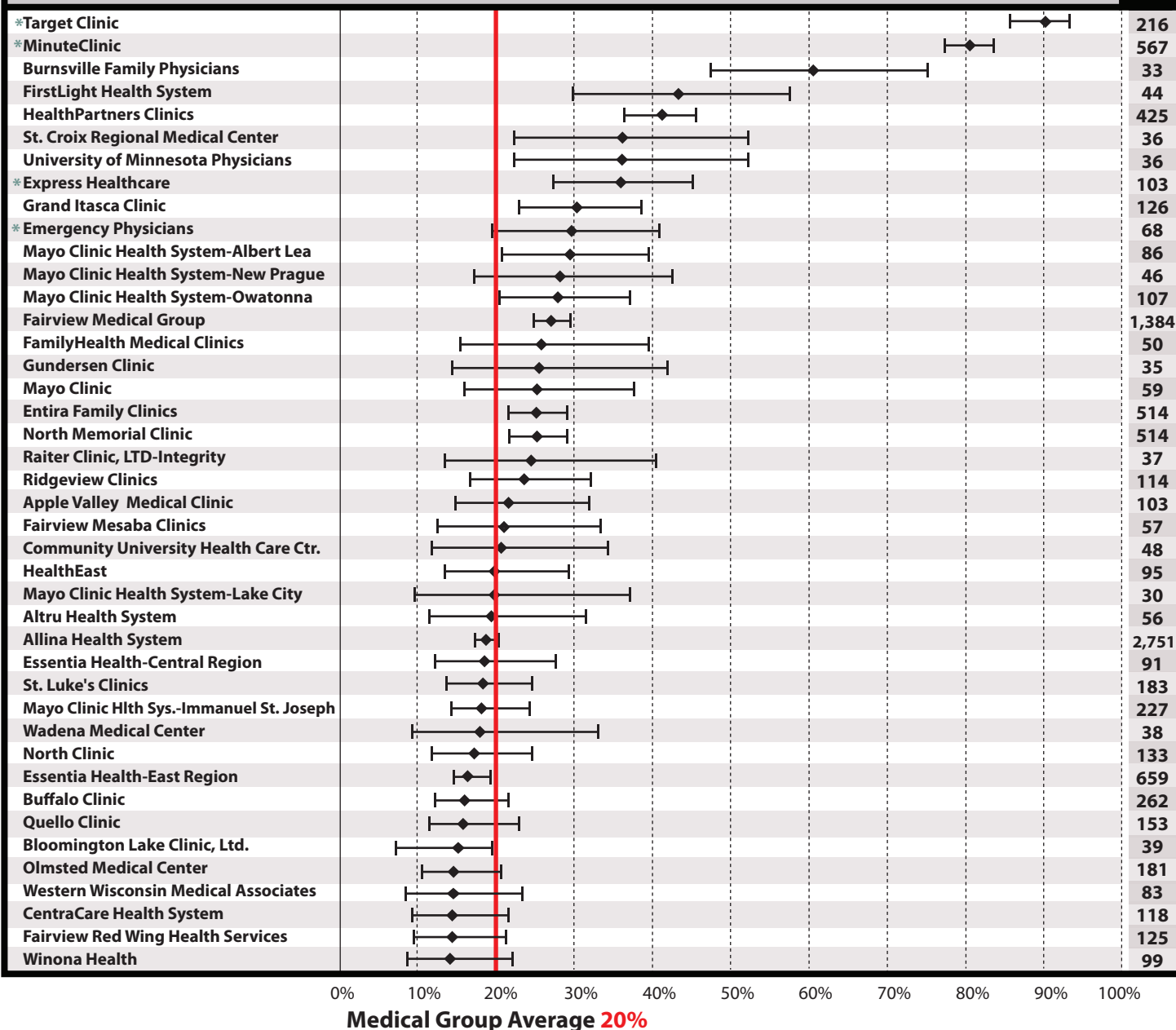
**Table 13: Statewide Rate for Avoidance of Antibiotics  
in the Treatment of Adult Bronchitis**

	Statewide Average	95% CI	Numerator (Patients who did not receive an antibiotic)	Denominator
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	20.4%	19.9%-21.0%	4,124	20,202

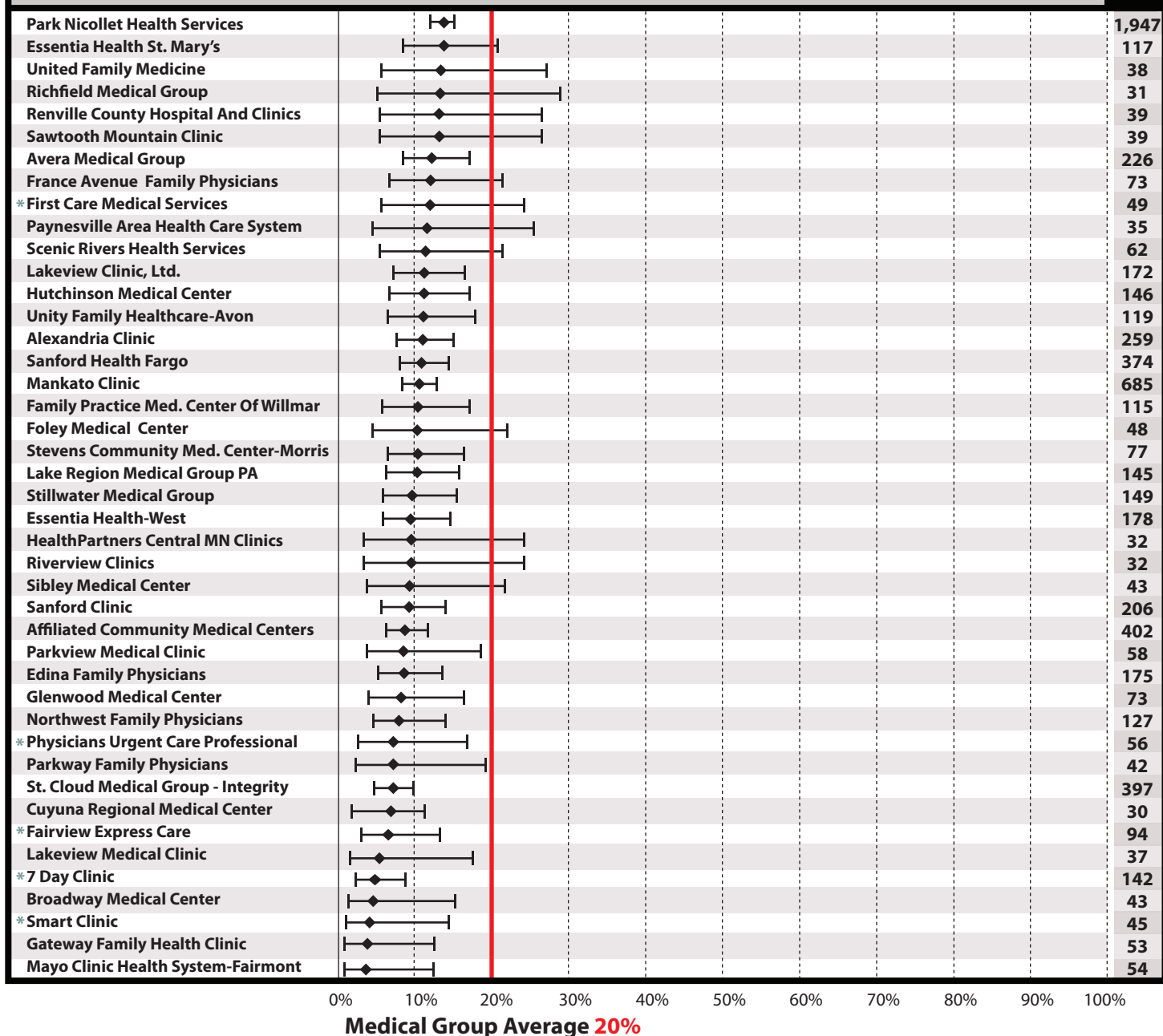
**Figure 13: Statewide Rates for Avoidance of Antibiotics in the  
Treatment of Adult Bronchitis Over Time**



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.

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

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

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

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

## Performance Highlights - Medical Group Results

### Highest performers in 2012

Medical group results showed that an average of 20 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 90 percent. Thirteen out of 85 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
- St. Croix Regional Medical Center
- University of Minnesota Physicians
- Express Healthcare
- Grand Itasca Clinic
- Mayo Clinic Health System - Albert Lea
- Fairview Medical Group
- Entira Medical Clinics
- North Memorial Clinic

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Avoidance of Antibiotics in the Treatment of Adult Bronchitis (medical group results) was made by **Southern Metro Medical Clinics**, whose scored increased by more than 22 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following five 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
- Entira Family Clinics
- Express HealthCare
- MinuteClinic
- University of Minnesota Physicians

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

- Albert Lea Clinic - Mayo Health System
- Grand Itasca Clinic
- HealthEast
- HealthPartners Clinics
- Mayo Clinic Health System - Immanuel St. Joseph
- MinuteClinic
- Mayo Clinic Health System - Owatonna
- Ridgeview Clinics
- St. Croix Regional Medical Center
- Wadena Medical Center

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

- Sanford Clinic

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

- Affiliated Community Medical Centers
- Edina Family Physicians
- Entira Family Clinics
- Essentia Health - East Region
- France Avenue Family Physicians
- Mayo Clinic
- Park Nicollet Health Services
- Physicians Urgent Care Professional
- Sanford Health Fargo

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



## 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 thirteenth 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, 2011 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 2012 rate. Figure 14 shows the Breast Cancer Screening rate over time. Since the 2004 report, this rate had remained relatively stable, but slightly decreased in 2011 and remained stable in 2012. 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).

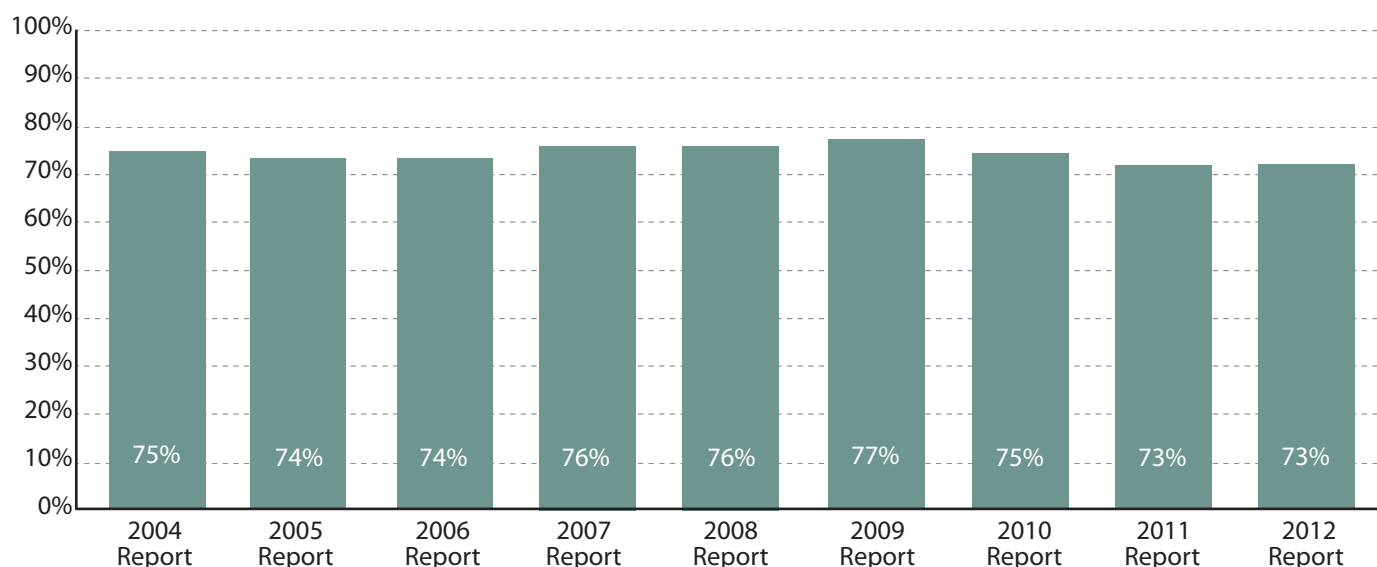
Data for this measure are collected from health plan claims.

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

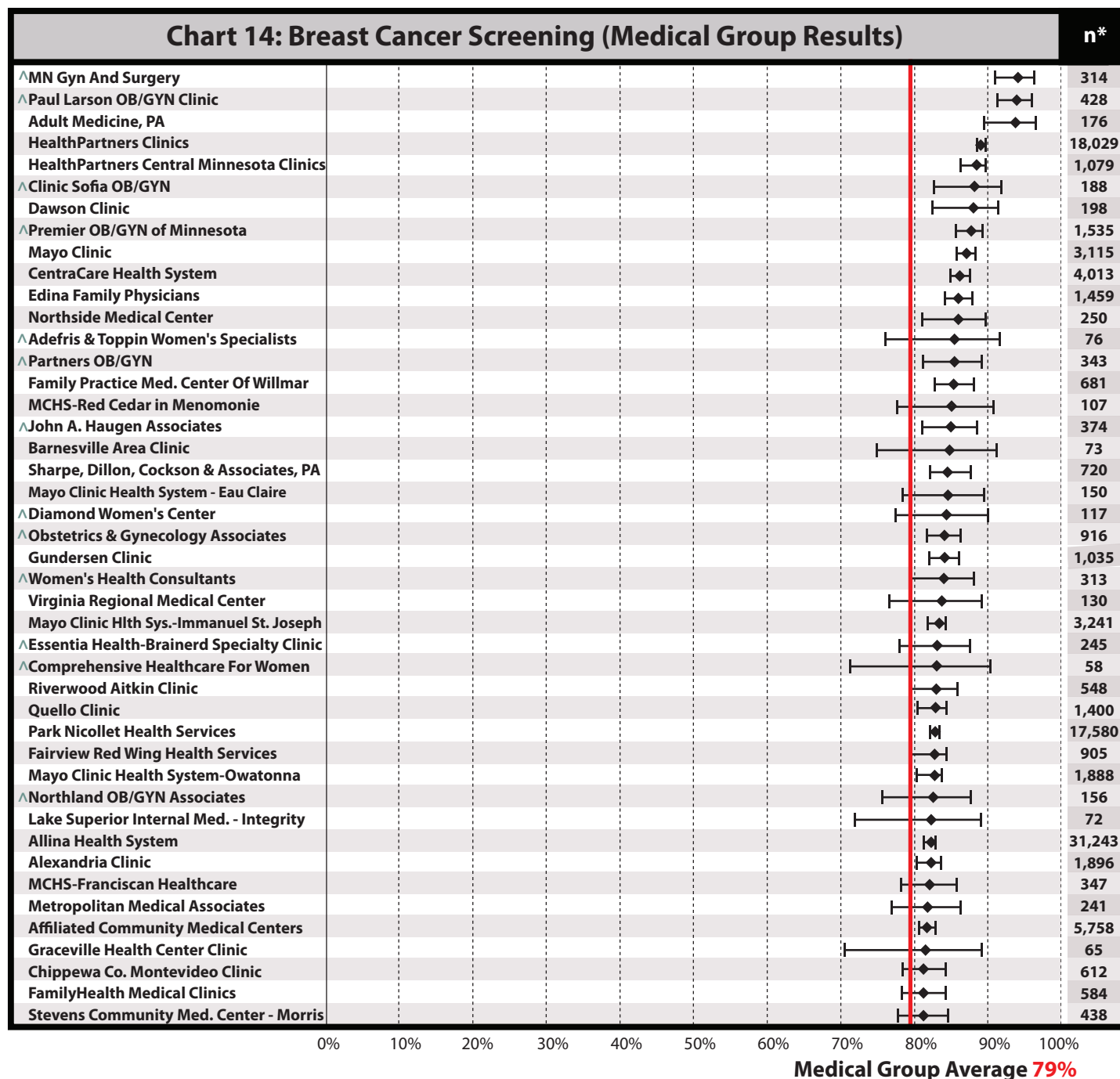
	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Breast Cancer Screening	72.7%	72.5%-72.9%	209,451	288,135

\*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**



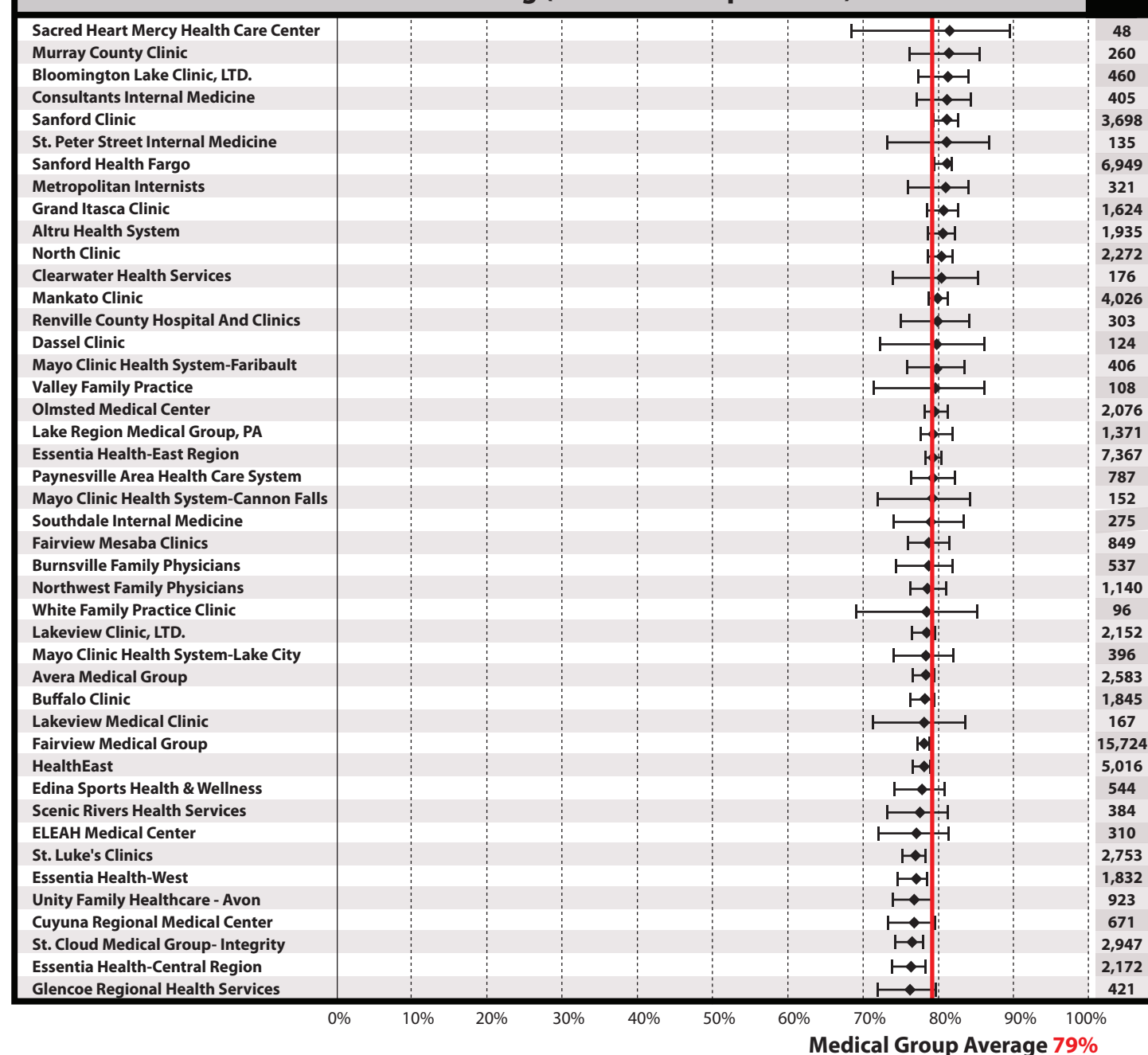
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



MCHS - Mayo Clinic Health System

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

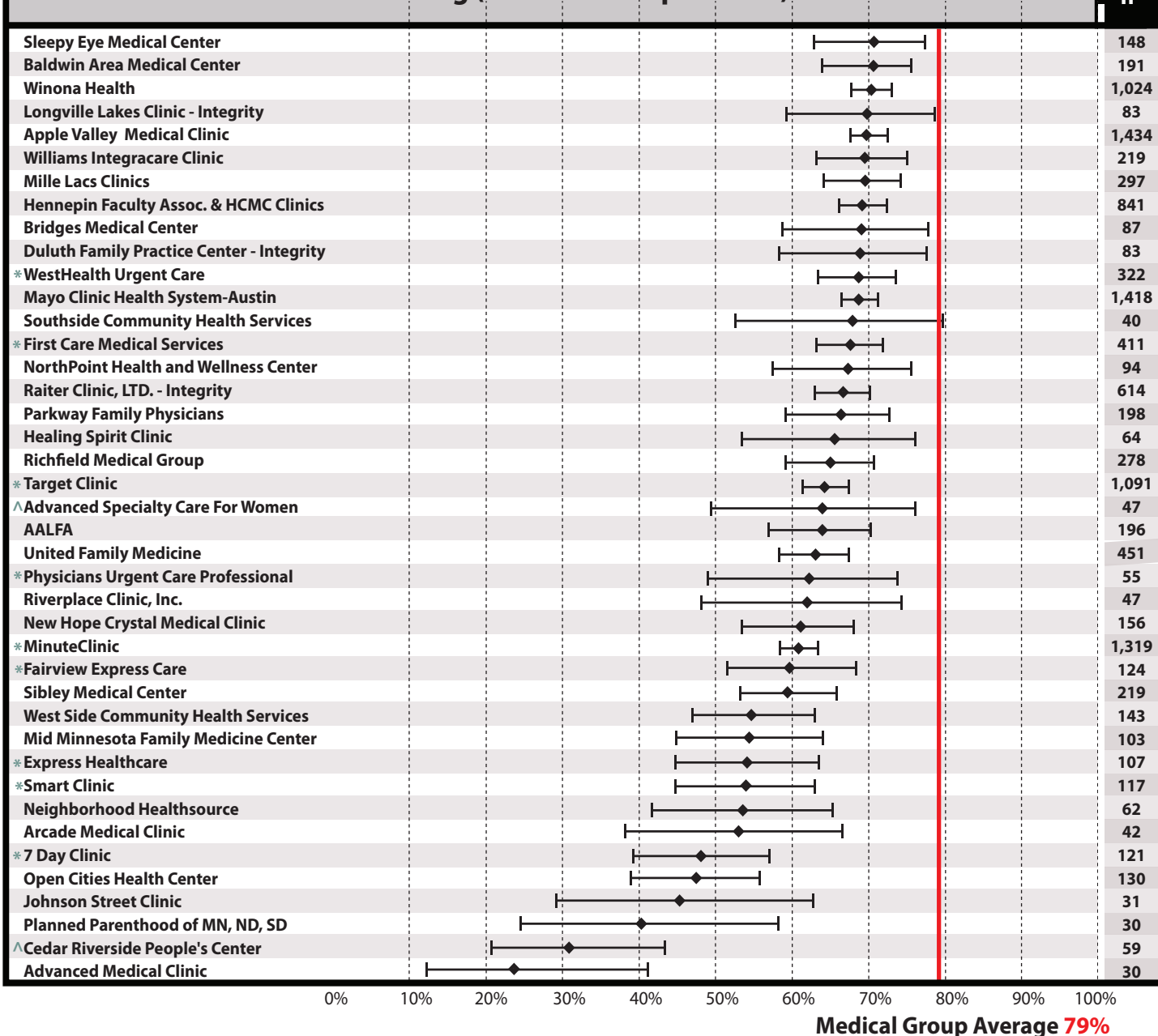
\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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

**Chart 14: Breast Cancer Screening (Medical Group Results) - continued****n\***

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

**Chart 14: Breast Cancer Screening (Medical Group Results) - continued****n\***

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

**Chart 14: Breast Cancer Screening (Medical Group Results)- continued**

^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 2012

Medical group results showed that an average of 79 percent of women 52-69 years of age had a mammogram.

**MN Gynecology and Surgery** set the benchmark of 94 percent. Thirty of 174 medical groups had rates and confidence intervals fully above the medical group average. These groups are below from high to low.

- MN Gynecology and Surgery
- Paul Larson Ob/Gyn Clinic
- Adult Medicine, PA
- HealthPartners Clinics
- HealthPartners Central Minnesota Clinics
- Clinic Sofia OB/GYN
- Dawson Clinic
- Premier OB/GYN of Minnesota
- Mayo Clinic
- CentraCare Health System
- Edina Family Physicians
- Northside Medical Center
- Partners OB/GYN
- Family Practice Medical Center Of Willmar
- John A. Haugen Assoc.
- Sharpe Dillon Cockson & Associates PA
- Obstetrics & Gynecology Associates
- Gundersen Clinic
- Women'S Health Consultants
- Mayo Clinic Health System - Immanuel St. Joseph
- Riverwood Aitkin Clinic
- Quello Clinic
- Park Nicollet Health Services
- Fairview Red Wing Health Services
- Owatonna Clinic - Mayo Health System
- Allina Health System
- Alexandria Clinic
- Affiliated Community Medical Centers
- Sanford Clinic
- Sanford Health Fargo

### Biggest improvement from 2011-2012

The greatest improvement since report year 2010 in Breast Cancer Screening (medical group results) was made by **Essentia Health Ada**, whose score increased by more than 20 percentage points.



## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. 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 17 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
- Clinic Sofia OB/GYN
- Edina Family Physicians
- Gundersen Clinic
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- John A. Haugen Associates
- Mayo Clinic
- Obstetrics & Gynecology Associates
- Park Nicollet Health Services
- Partners OB/GYN
- Paul Larson OB/GYN Clinic
- Quello Clinic
- Sanford Clinic
- Sharpe Dillon Cockson & Associates PA

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

- Barnesville Area Clinic
- Foley Medical Center

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

- Hennepin Faculty Associates & HCMC Clinics
- Lakeview Medical Clinic
- Mid Minnesota Family Medicine Center
- MN Center For Obesity Metabolism & Endo.
- Multicare Associates of the Twin Cities
- Neighborhood Healthsource
- Sibley Medical Center
- Sleepy Eye Medical Center
- Southdale Internal Medicine
- Wheaton Community Medical Center Clinic

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

- Adefris & Toppin Women's Specialists
- Allina Health System
- Cedar Riverside People's Center
- Clinic Sofia OB/GYN
- Community University Health Care Center
- Essentia Health - East Region
- Grand Itasca Clinic
- Gundersen Clinic
- HealthPartners Clinics
- Lac Qui Parle Clinic
- Mayo Clinic Health System - Eau Claire
- Metropolitan Internists
- Northwest Family Physicians
- Parkway Family Physicians
- Sharpe Dillon Cockson & Associates PA
- Unity Family Healthcare - Avon

**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, 2011 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 75 percent. Table 15 displays the details of the 2012 rate. Figure 15 shows the Cervical Cancer Screening rate over time. Since the 2004 report, the rate has slightly 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).

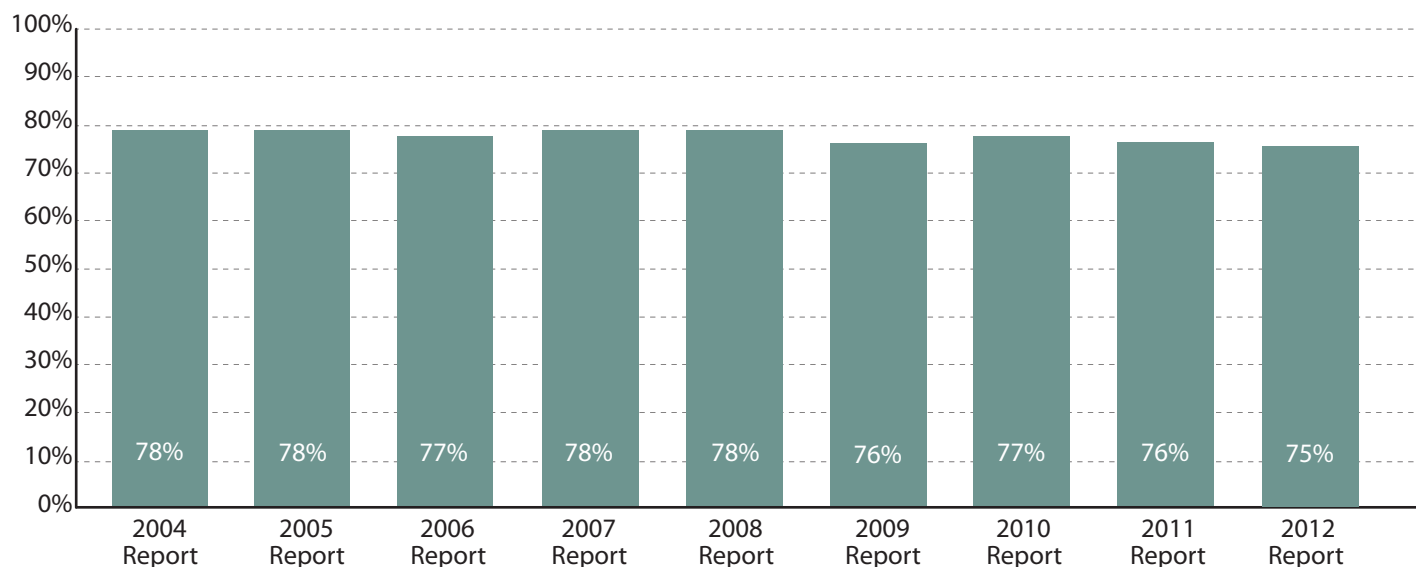
Data for this measure are collected from health plan claims.

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

	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Cervical Cancer Screening	74.8%	74.7%-74.9%	335,448	448,617

\*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**



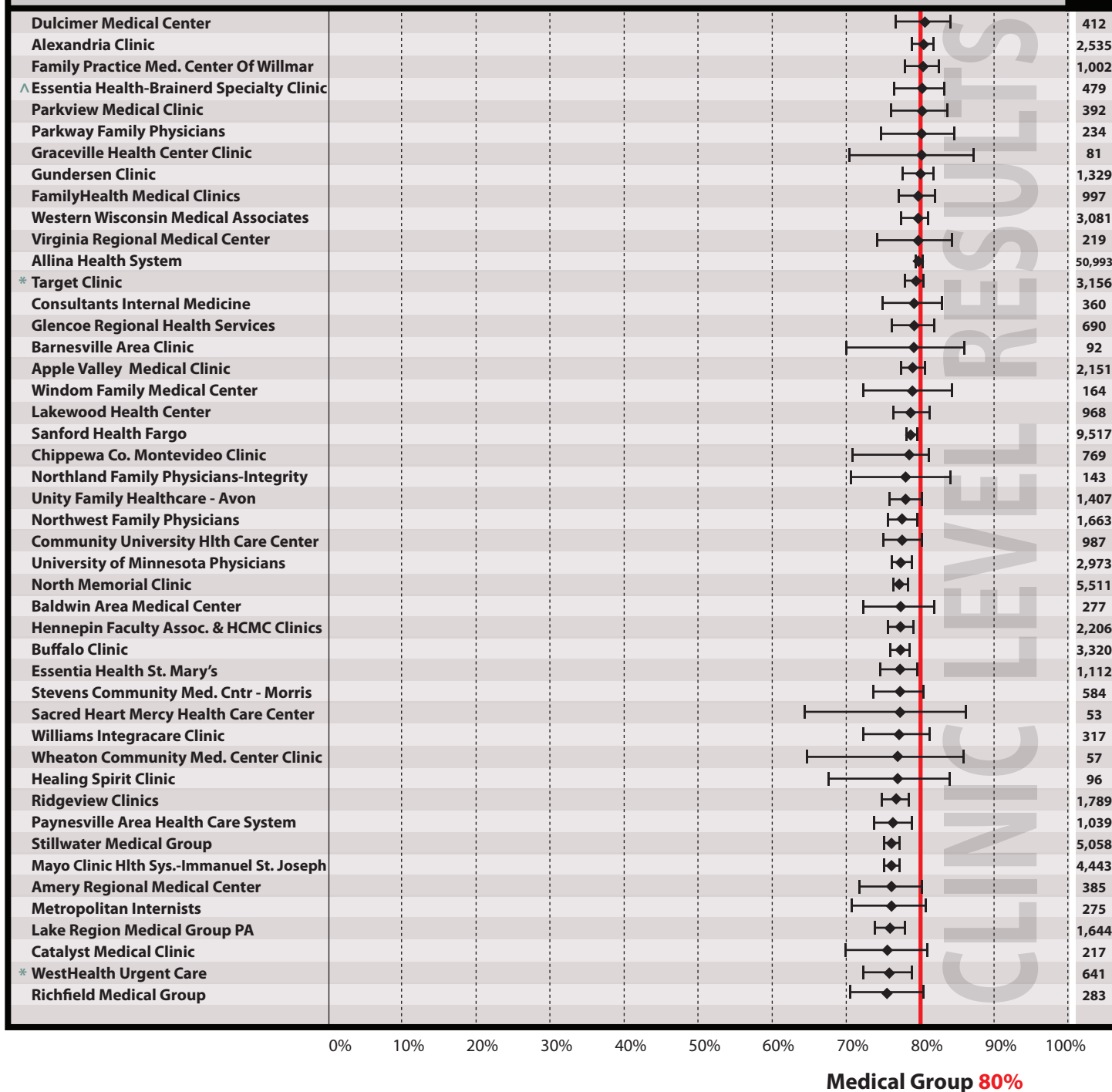
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

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

MCHS - Mayo Clinic Health System

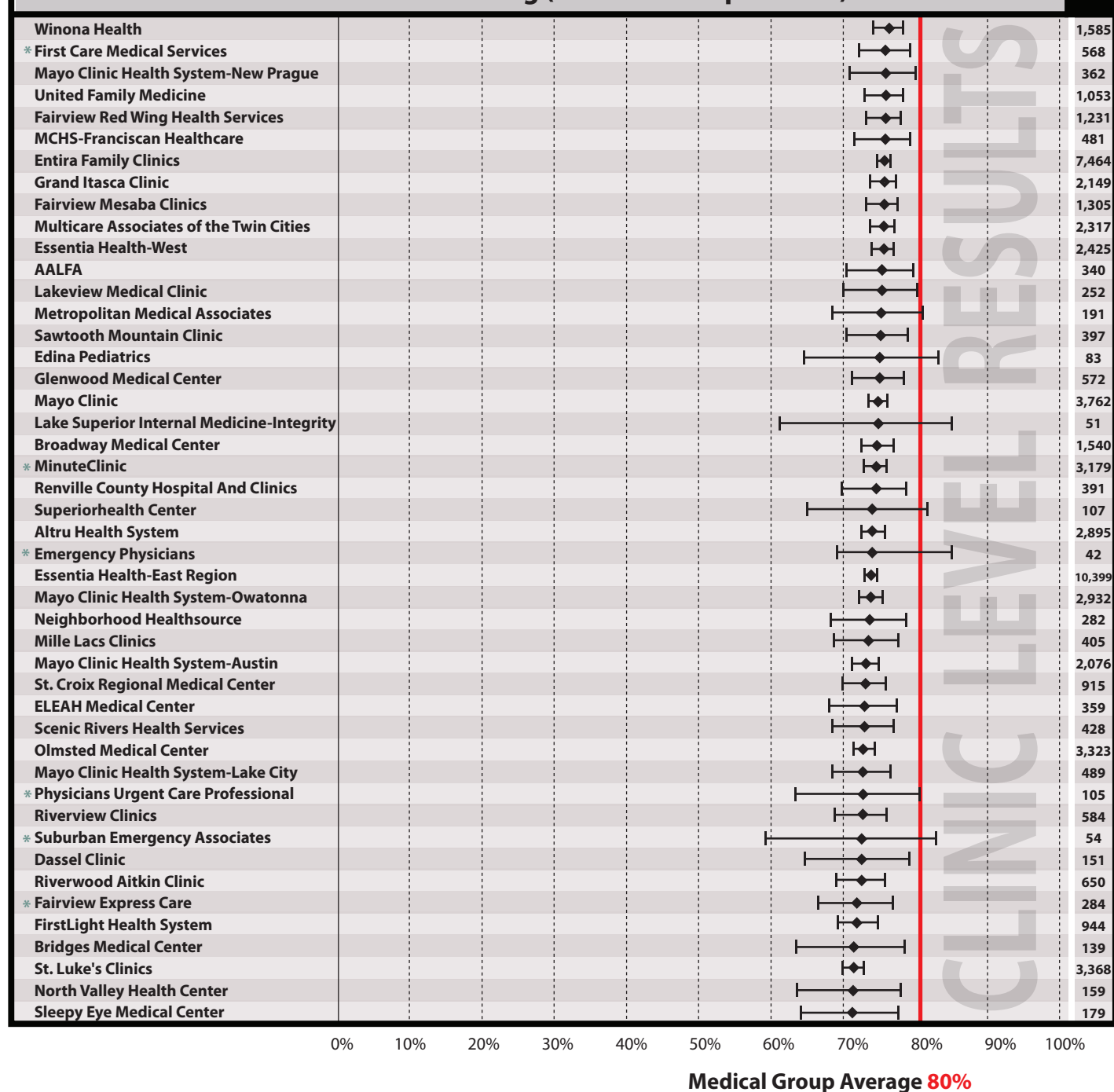
\* Urgent Care ^ OB/GYN — Lower Confidence Level/Upper Confidence Level n\* = sample size

\* 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.

**Chart 15: Cervical Cancer Screening (Medical Group Results) - continued****n\***

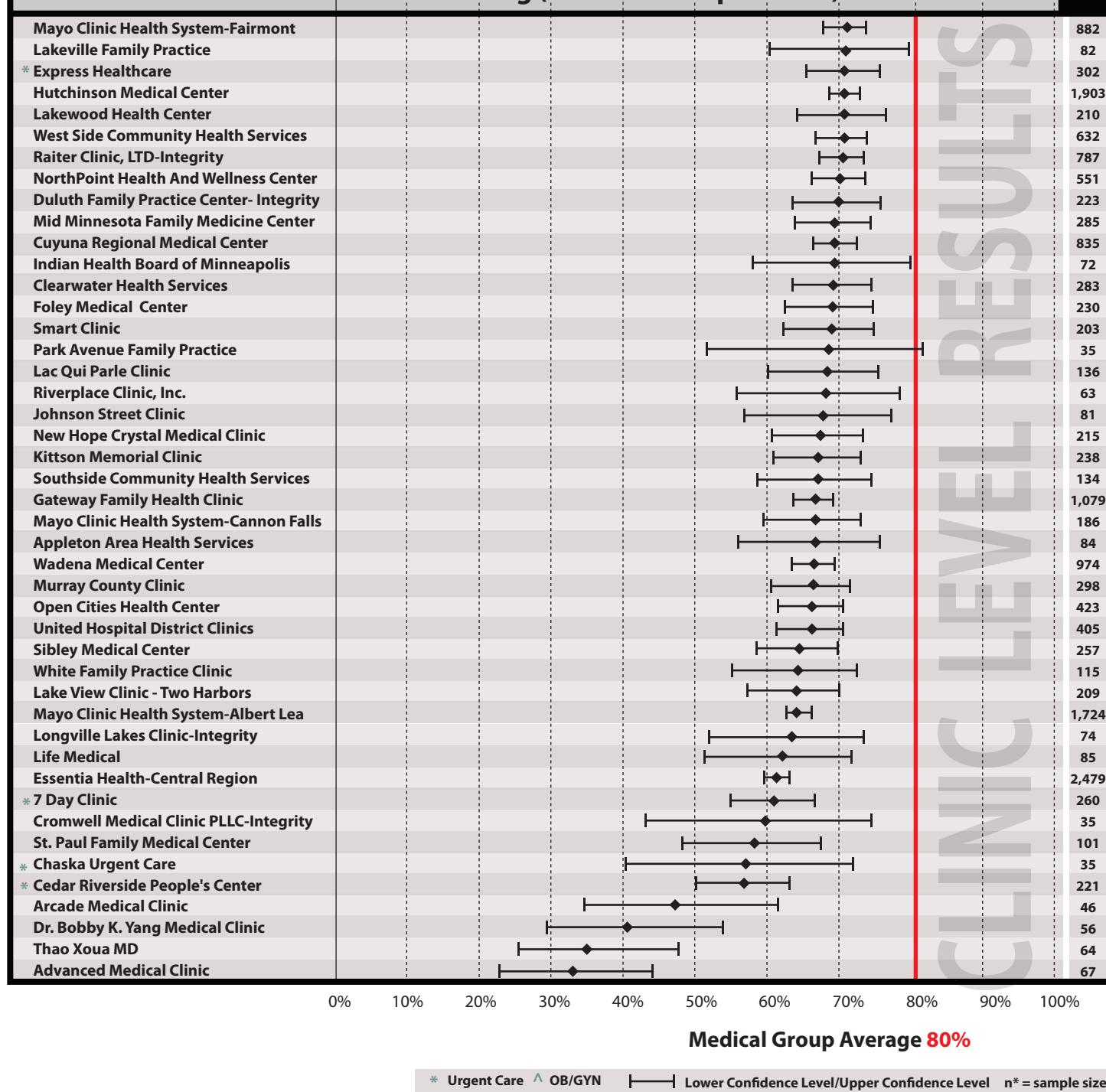
\* Urgent Care ^ OB/GYN — Lower Confidence Level/Upper Confidence Level n\* = sample size

\* 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.

**Chart 15: Cervical Cancer Screening (Medical Group Results)- continued****n\***

MCHS - Mayo Clinic Health System

\* 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 15: Cervical Cancer Screening (Medical Group Results) - continued**

\* 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 2012

Medical group results showed that an average of 80 percent of women ages 24-64 had a pap test in the past three years. **Clinic Sofia OB/GYN** set the benchmark of 99 percent. Thirty-six of 186 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Clinic Sofia OB/GYN
- Diamond Women's Center
- MN Gynecology And Surgery
- Advanced Specialty Care For Women
- John A. Haugen Assoc.
- Partners OB/GYN
- Obstetrics & Gynecology Associates
- Women's Health Consultants
- Paul Larson OB/GYN Clinic
- Comprehensive Healthcare For Women
- Premier OB/GYN of Minnesota
- Adefris & Toppin Women'S Specialists
- Family Tree Clinic
- Adult Medicine, PA
- Northland OB/GYN Assoc.
- Edina Family Physicians
- Dawson Clinic
- France Avenue Family Physicians
- Planned Parenthood of MN, SD, ND
- Edina Sports Health & Wellness
- HealthPartners Clinics
- Sharpe Dillon Cockson & Associates PA
- HealthPartners Central Minnesota Clinics
- Park Nicollet Health Services
- Burnsville Family Physicians
- CentraCare Health System
- Mayo Clinic Health System - Faribault
- Fairview Medical Group
- Avera Medical Group
- Affiliated Community Medical Centers
- Sanford Clinic
- Quello Clinic
- Mankato Clinic
- Lakeview Clinic, Ltd.
- North Clinic
- HealthEast

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Cervical Cancer Screening (medical group results) were made by **Lakeview Clinic - Two Harbors, Physicians Urgent Care Professional**, and **Thao Xoua MD** each having a score that increased by more than 15 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### The following 22 medical groups achieved consistently high performance and above-average rates over the past three years for Cervical Cancer Screening:

- Adeferis & Toppin Women's Specialists
- Adult Medicine, PA
- Advanced Speciality Care for Women
- Burnsville Family Physicians
- CentraCare Health System
- Clinic Sofia OB/GYN
- Comprehensive HealthCare for Women
- Diamond Women's Center
- Edina Family Physicians
- Edina Sports Health & Wellness
- France Avenue Family Physicians
- HealthPartners Clinics
- HealthPartners Central MN Clinics
- North Clinic
- Northland OB/GYN Assoc.
- Obstetrics & Gynecology Associates
- Park Nicollet Health Services
- Partners OB/GYN
- Paul Larson OB/GYN Clinic
- Quello Clinic
- Sharpe Dillon Cockson & Associates PA
- Quello Clinic
- Women's Health Consultants

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

- Barnesville Area Clinic
- Hendricks Clinic
- Johnson Street Clinic

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

- Altru Health System
- Appleton Area Health Services
- Arcade Medical Clinic
- Buffalo Clinic
- Central Lakes Medical Clinic - Integrity
- Essenia Health - Central Region
- Mayo Clinic Health System - Cannon Falls
- Multicare Associates of the Twin Cities
- St. Croix Regional Medical Center

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012) - *continued*

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

- Adefris & Toppin Women's Specialists
- Advanced Specialty Care For Women
- Affiliated Community Medical Centers
- Allina Health System
- Amery Regional Medical Center
- Apple Valley Medical Clinic
- Bloomington Lake Clinic, Ltd.
- Burnsville Family Physicians
- Catalyst Medical Clinic
- CCMH-Montevideo Clinic
- CentraCare Health System
- Clinic Sofia OB/GYN
- Comprehensive Healthcare For Women
- Consultants Internal Medicine
- Dawson Clinic
- Diamond Women'S Center
- Edina Family Physicians
- ELEAH Medical Center
- Entira Family Clinics
- First Care Medical Services
- Gundersen Clinic
- Healing Spirit Clinic
- HealthEast
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- Hennepin Faculty Associates & HCMC Clinics
- John A. Haugen Assoc.
- Kittson Memorial Clinic
- Lakeview Medical Clinic
- Mayo Clinic Health System - Fairmont
- Mayo Clinic Health System- Red Cedar in Menomonie
- Metropolitan Internists
- Murray County Clinic
- North Clinic
- North Memorial Clinic
- Northwest Family Physicians
- Obstetrics & Gynecology Associates
- Open Cities Health Center
- Osceola Medical Center
- Park Nicollet Health Services
- Parkview Medical Clinic
- Parkway Family Physicians
- Partners OB/GYN
- Paul Larson OB/GYN Clinic
- Richfield Medical Group
- Sanford Clinic
- West Side Community Health Services
- Women's Health Consultants

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

# Care that is Proven to Work: STAYING HEALTHY MEASURES

## Colorectal Cancer Screening

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

July 1, 2011 - June 30, 2012 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.

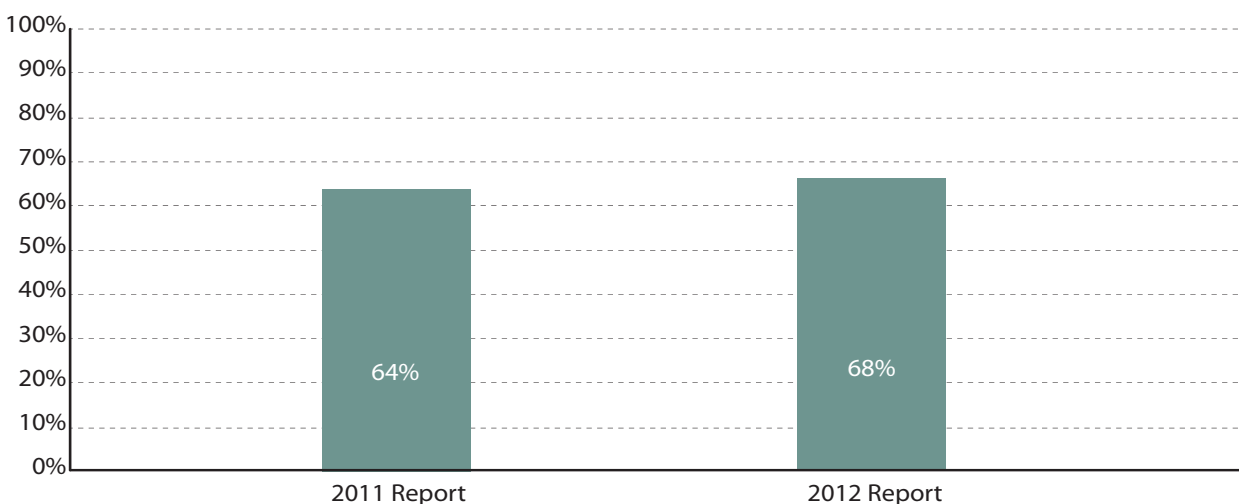
The statewide rate for Colorectal Cancer Screening is 68 percent. Table 16 displays the details of this statewide rate. Figure 16 displays the statewide rate over time. Chart 16.1 provides the rates for clinic results from highest to lowest along with the statewide average (bold black line). Chart 16.2 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	67.6%	67.5%-67.7%	583,243	854,321	1,049,321

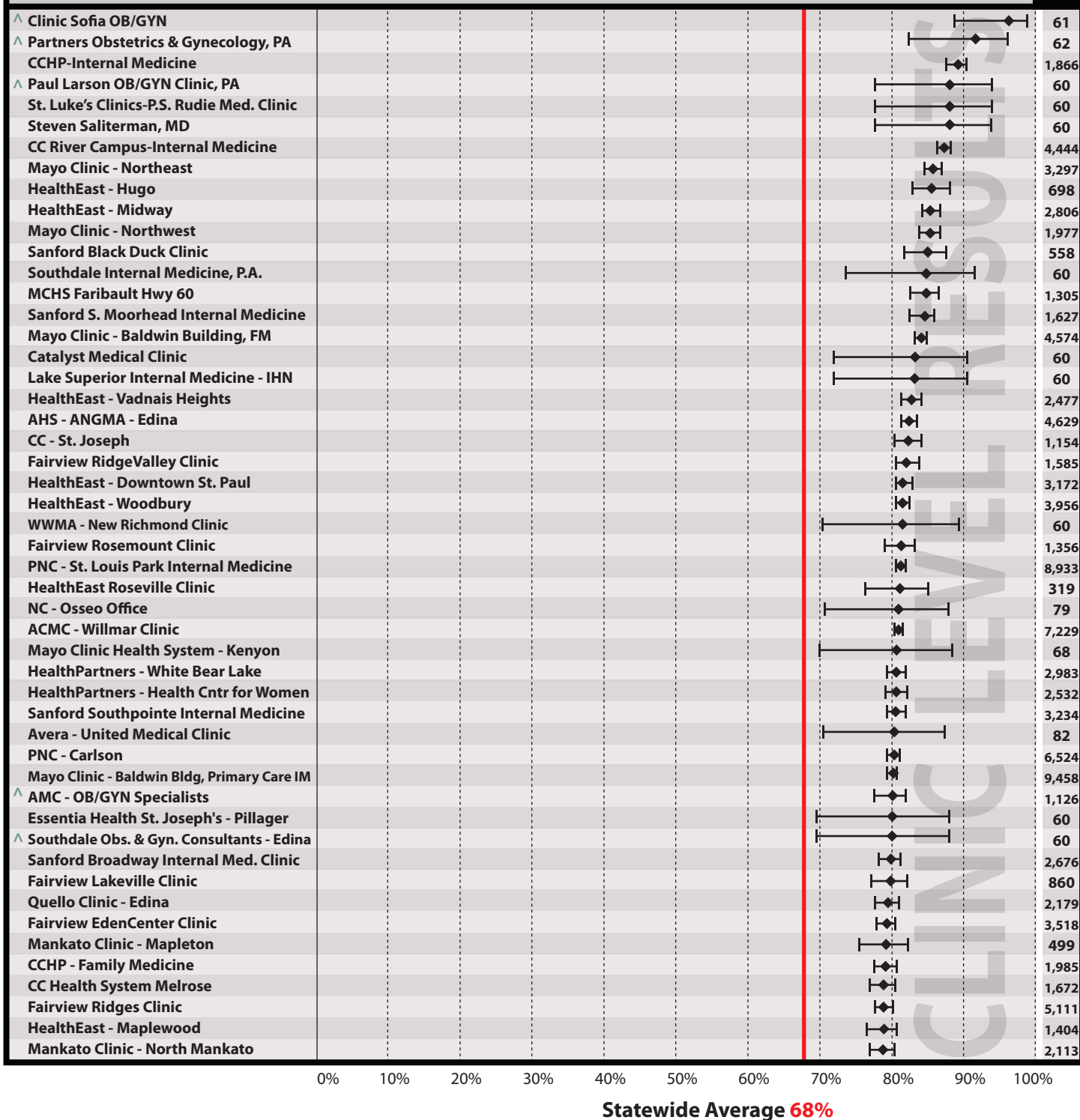
**Table 16: Statewide Rates for Colorectal Cancer Screening Over Time**



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)

n\*

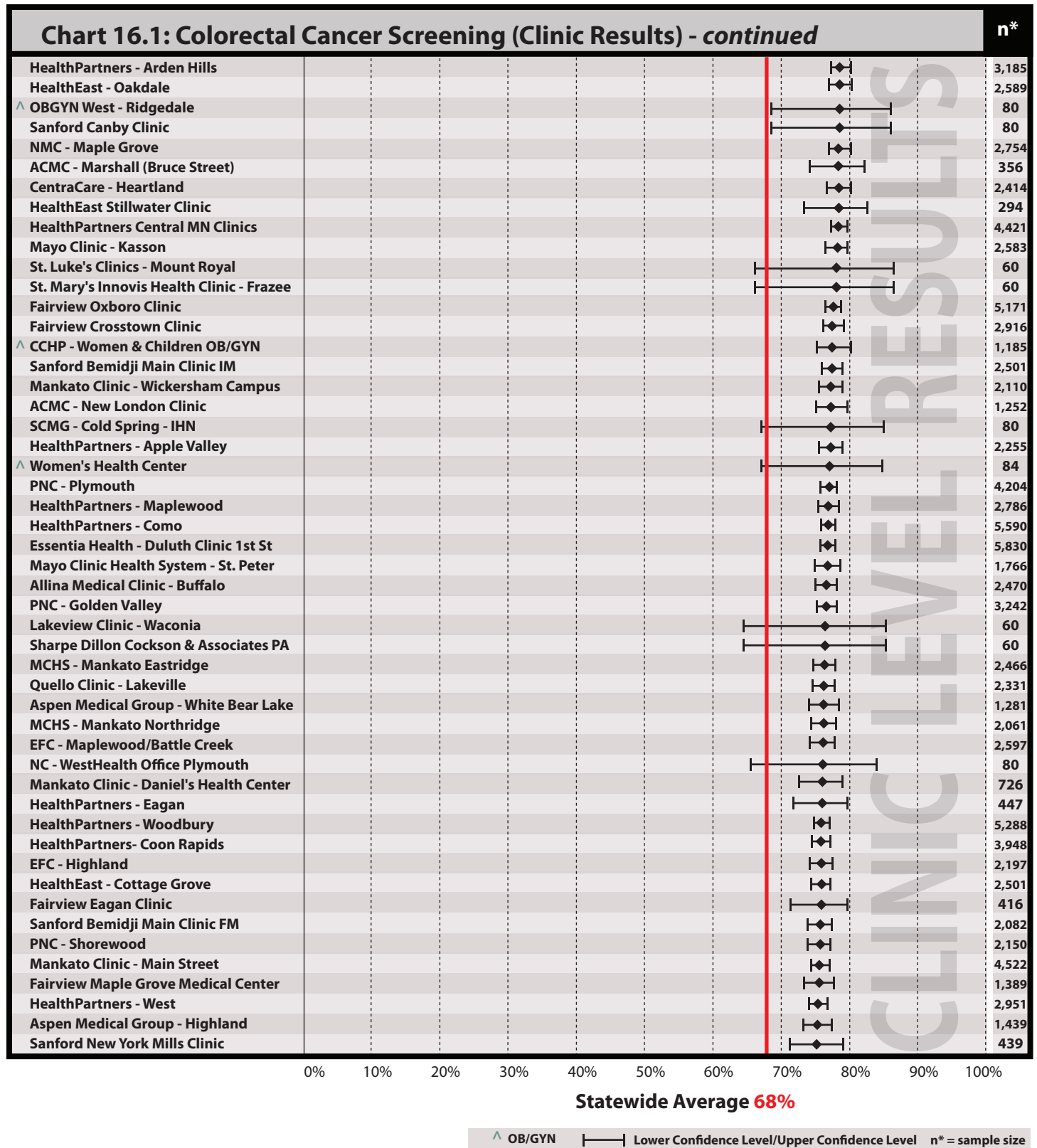


Staying Healthy

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 ANGMA - Abbot Northwestern General Medicine Associates  
 CCHP - CentraCare Health Plaza  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital  
 EFC - Entira Family Clinics

FHSM - Family Health Services Minnesota  
 HAHC - Hutchinson Area Healthcare  
 HCCM - Hennepin County Medical Center  
 HP - HealthPartners  
 IHN - Integrity Health Network  
 LRH - Lake Region Healthcare  
 MCHS - Mayo Clinic Health System  
 NC - North Clinic

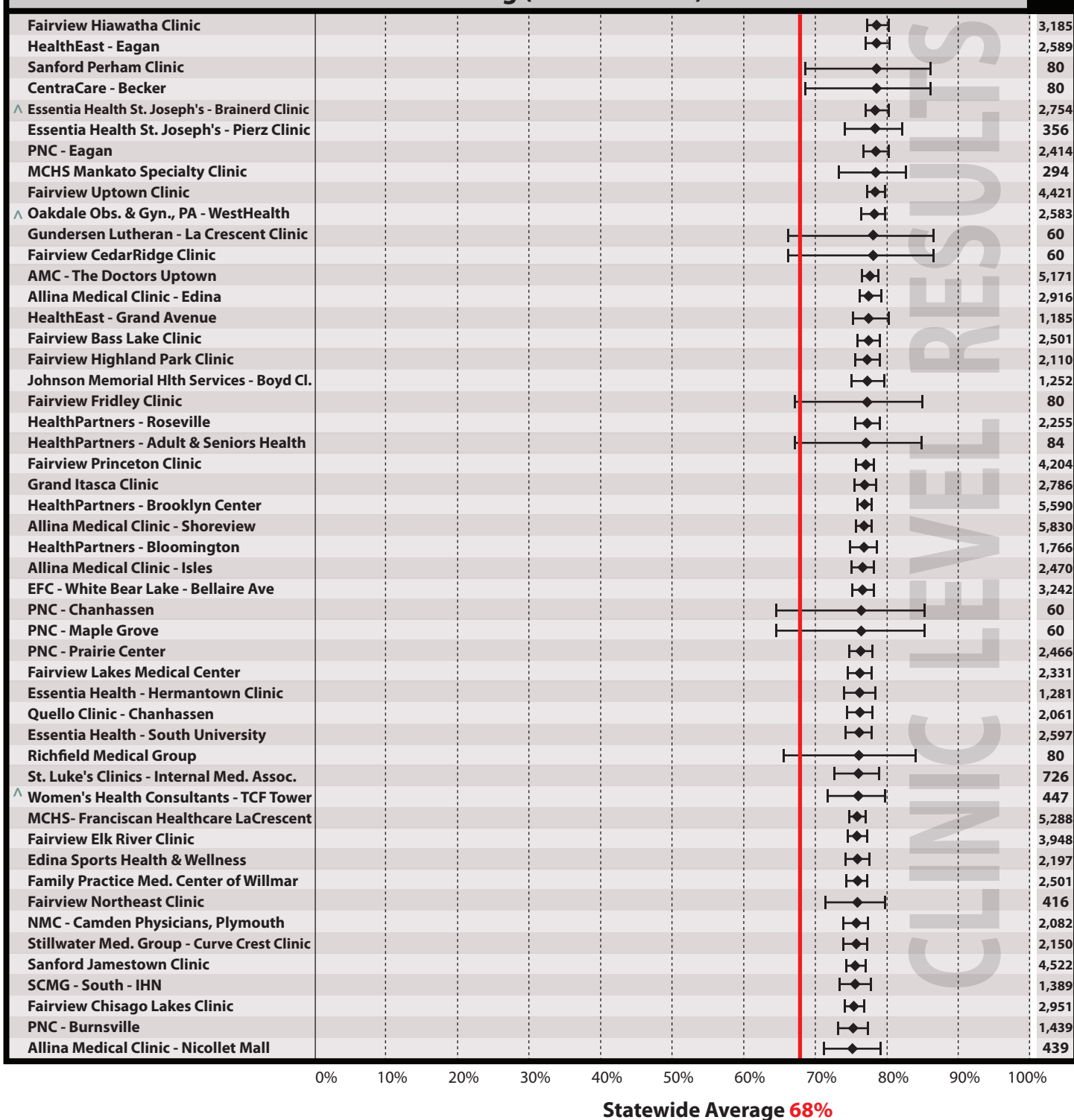
NMC - North Memorial Clinic  
 OMC - Olmsted Medical Center  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SCMG - St. Cloud Medical Group  
 UMP - University of Minnesota Physicians  
 WWMA - Western Wisconsin Medical Associates



**ACMC** - Affiliated Community Medical Centers  
**AHS** - Allina Health System  
**AMC** - Allina Medical Clinic  
**ANGMA** - Abbot Northwestern General Medicine Associates  
**CCHP** - CentraCare Health Plaza  
**CC** - CentraCare  
**CCMH** - Chippewa County Montevideo Hospital  
**EFC** - Entira Family Clinics

**FHSM** - Family Health Services Minnesota  
**HAHC** - Hutchinson Area Healthcare  
**HCMC** - Hennepin County Medical Center  
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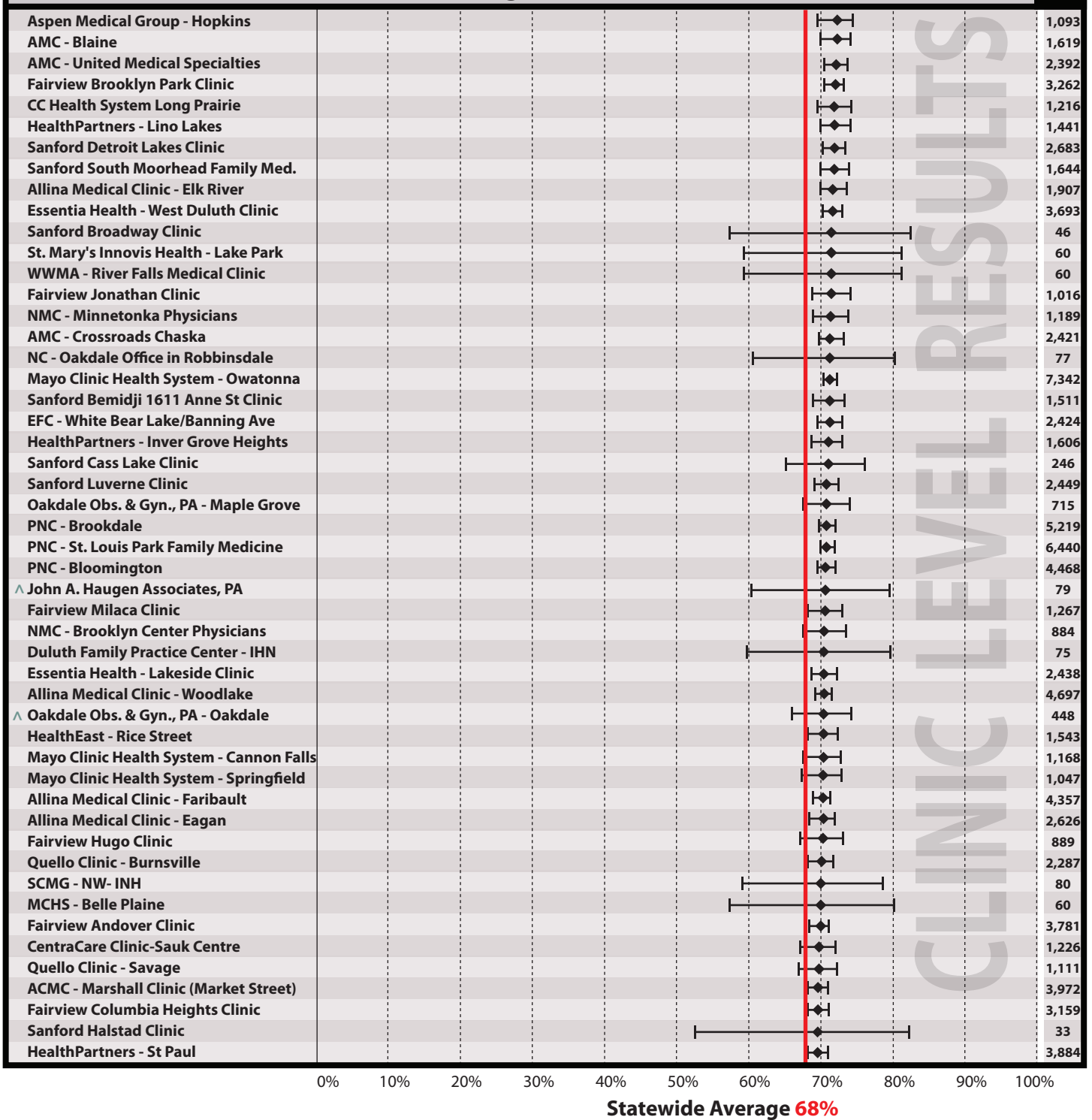
**Chart 16.1: Colorectal Cancer Screening (Clinic Results) - continued****n\***

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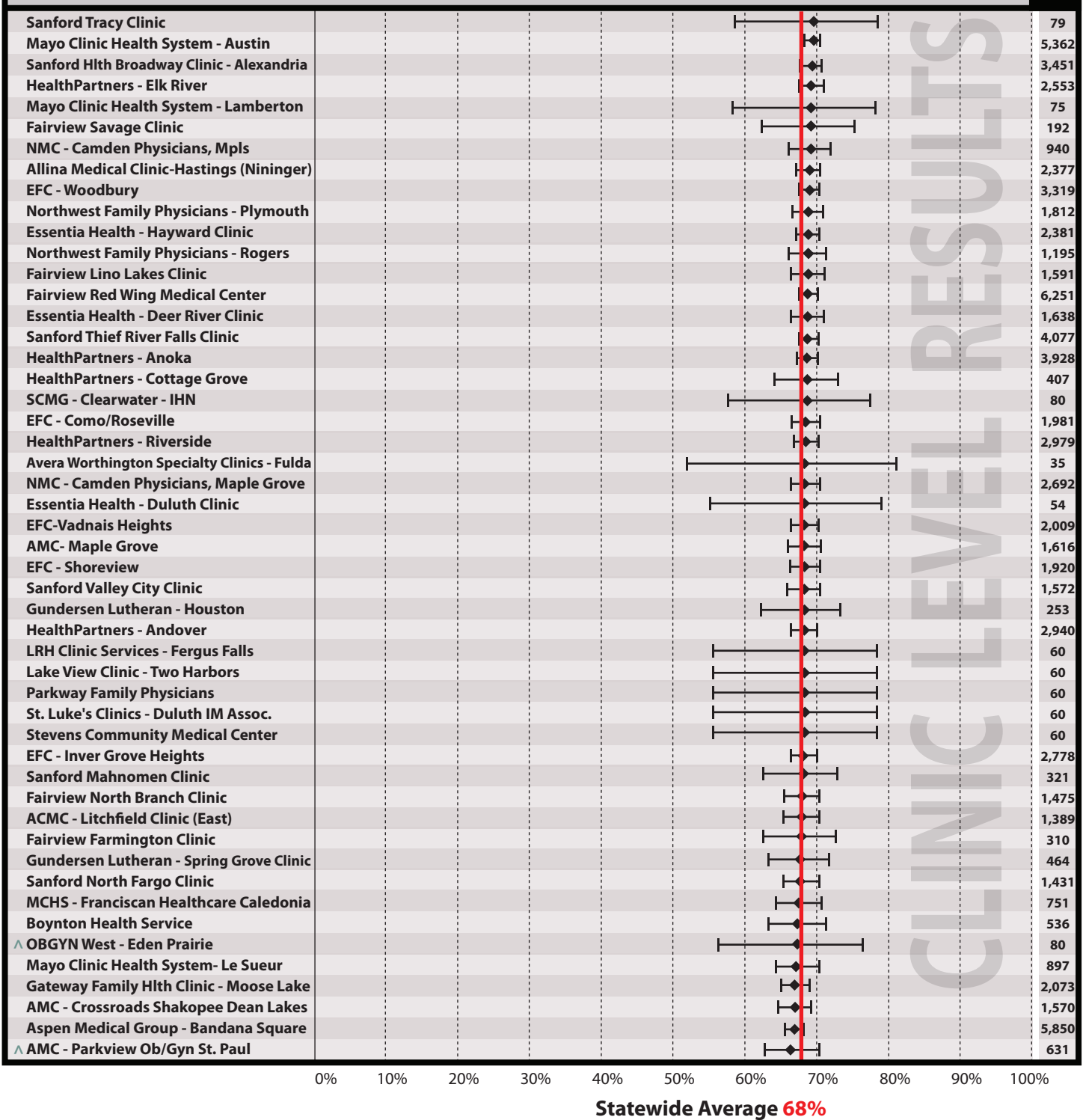


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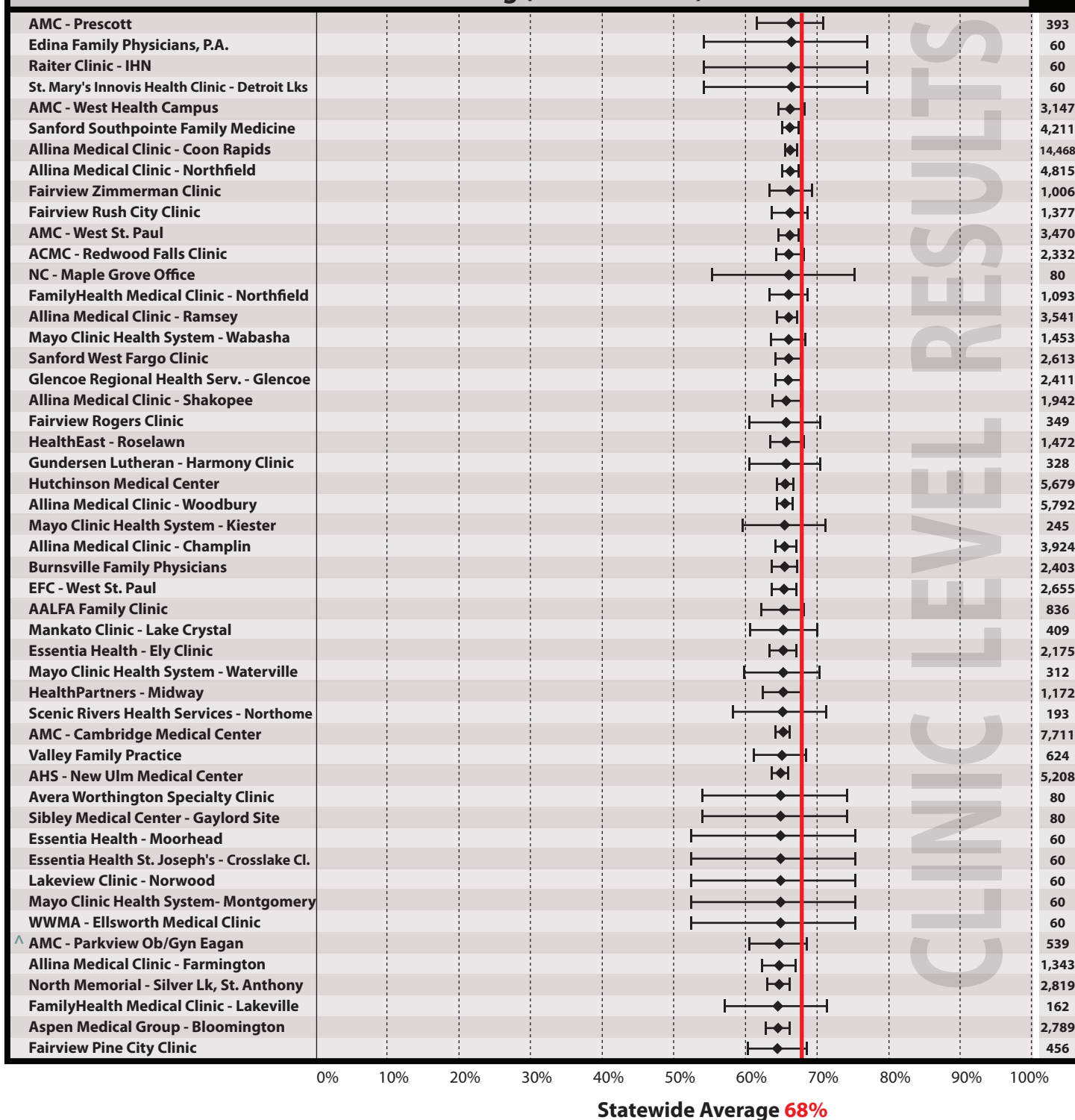
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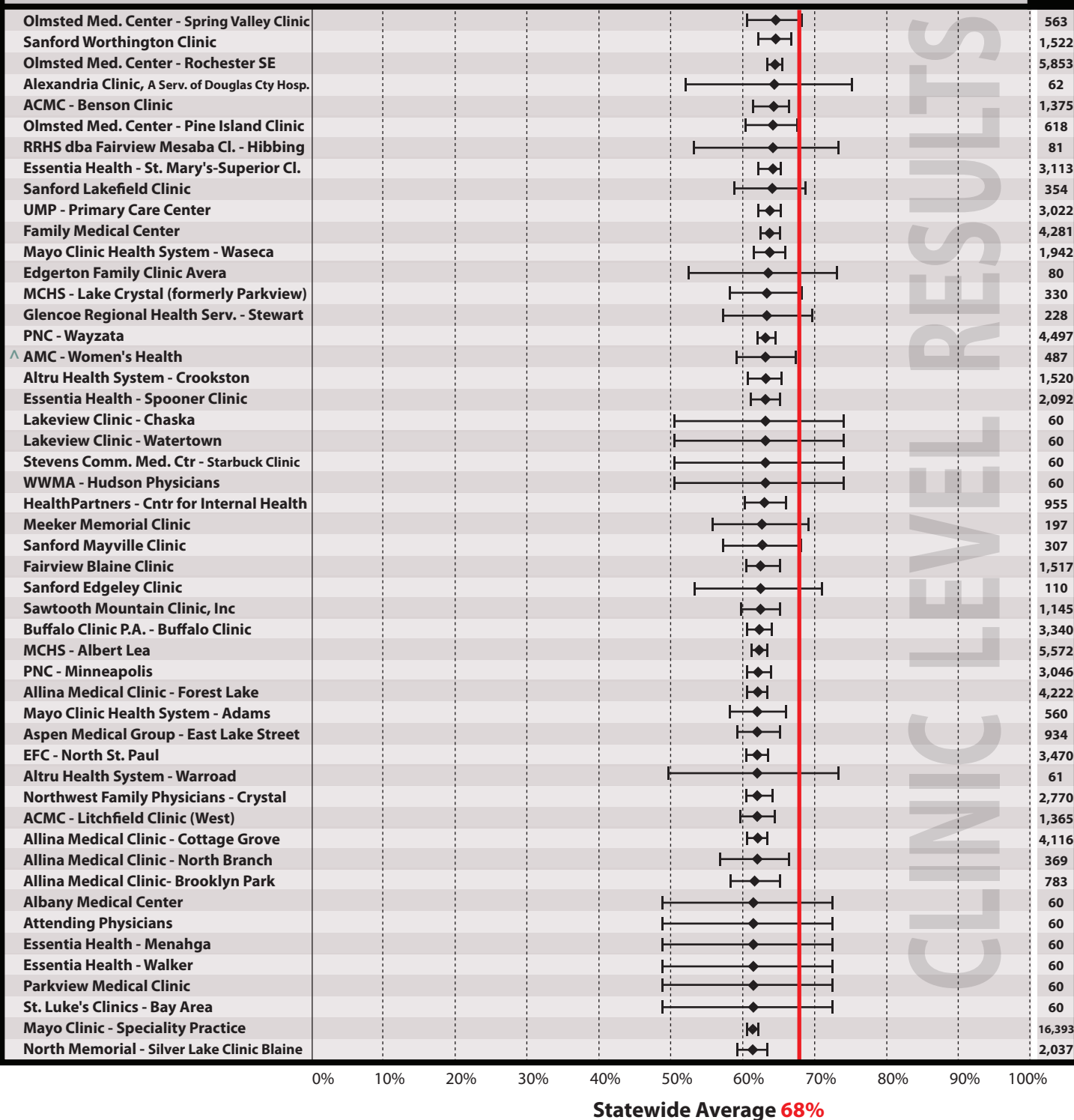
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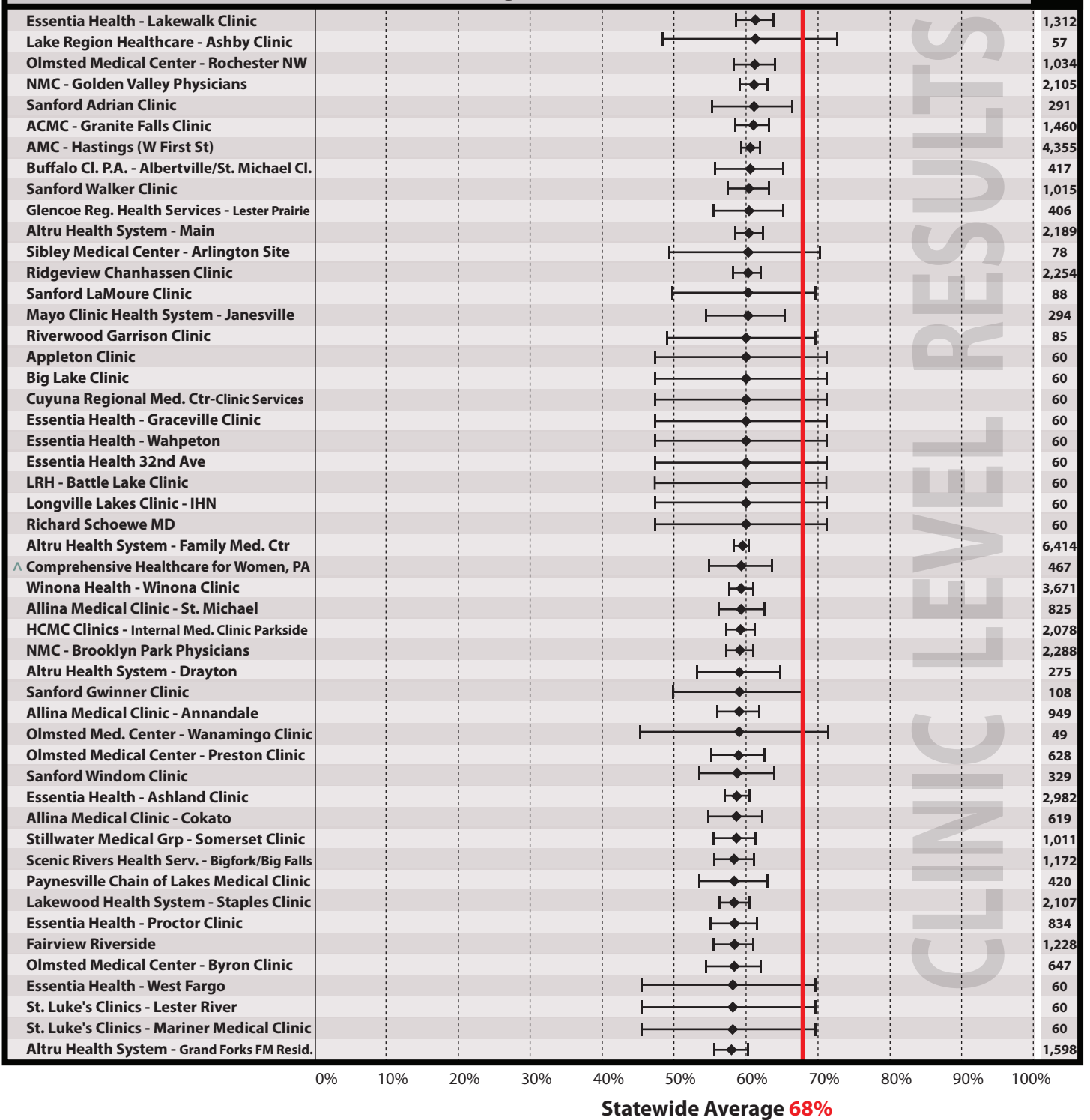
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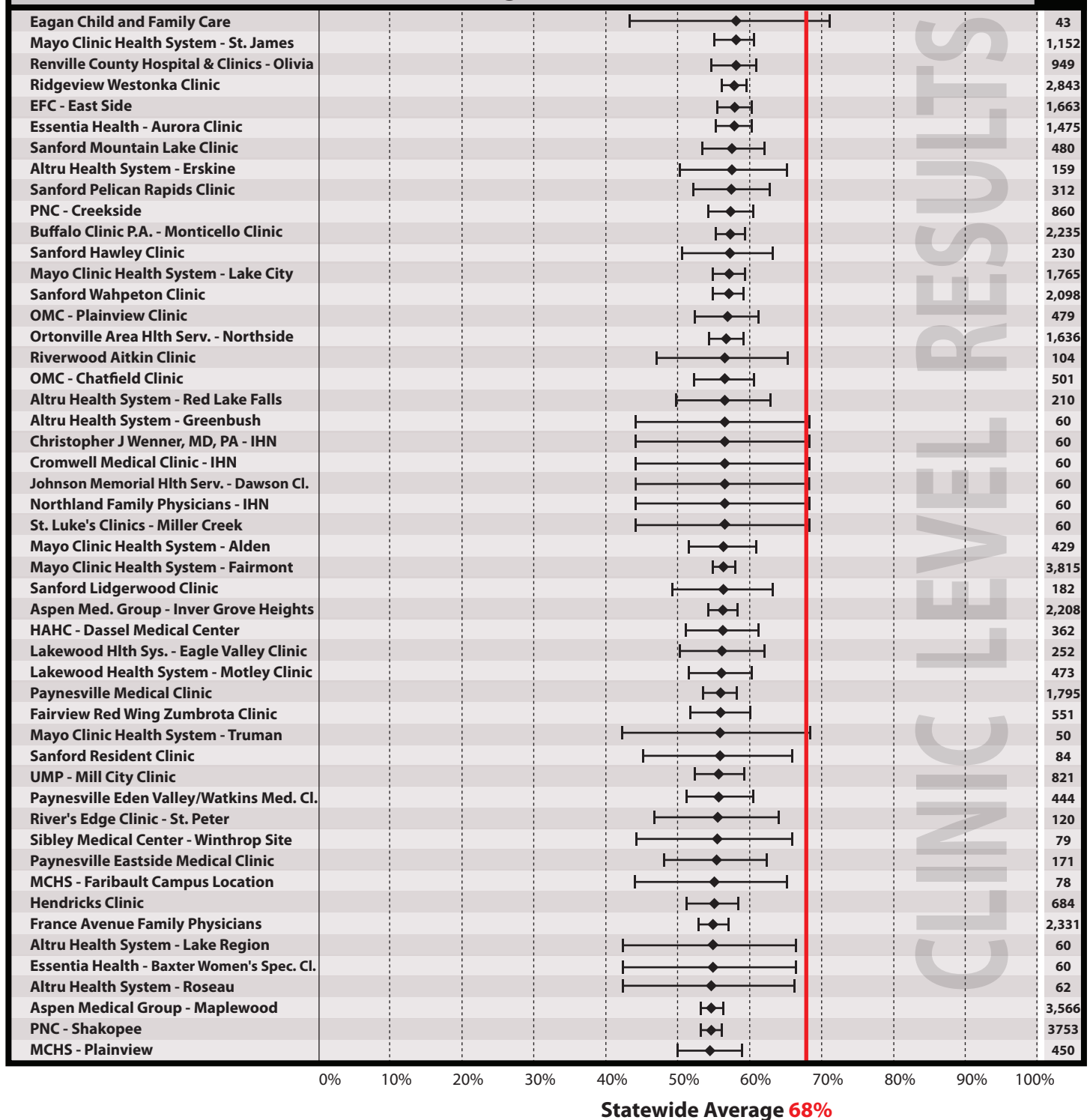
**Chart 16.1: Colorectal Cancer Screening (Clinic Results) - continued****n\***

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

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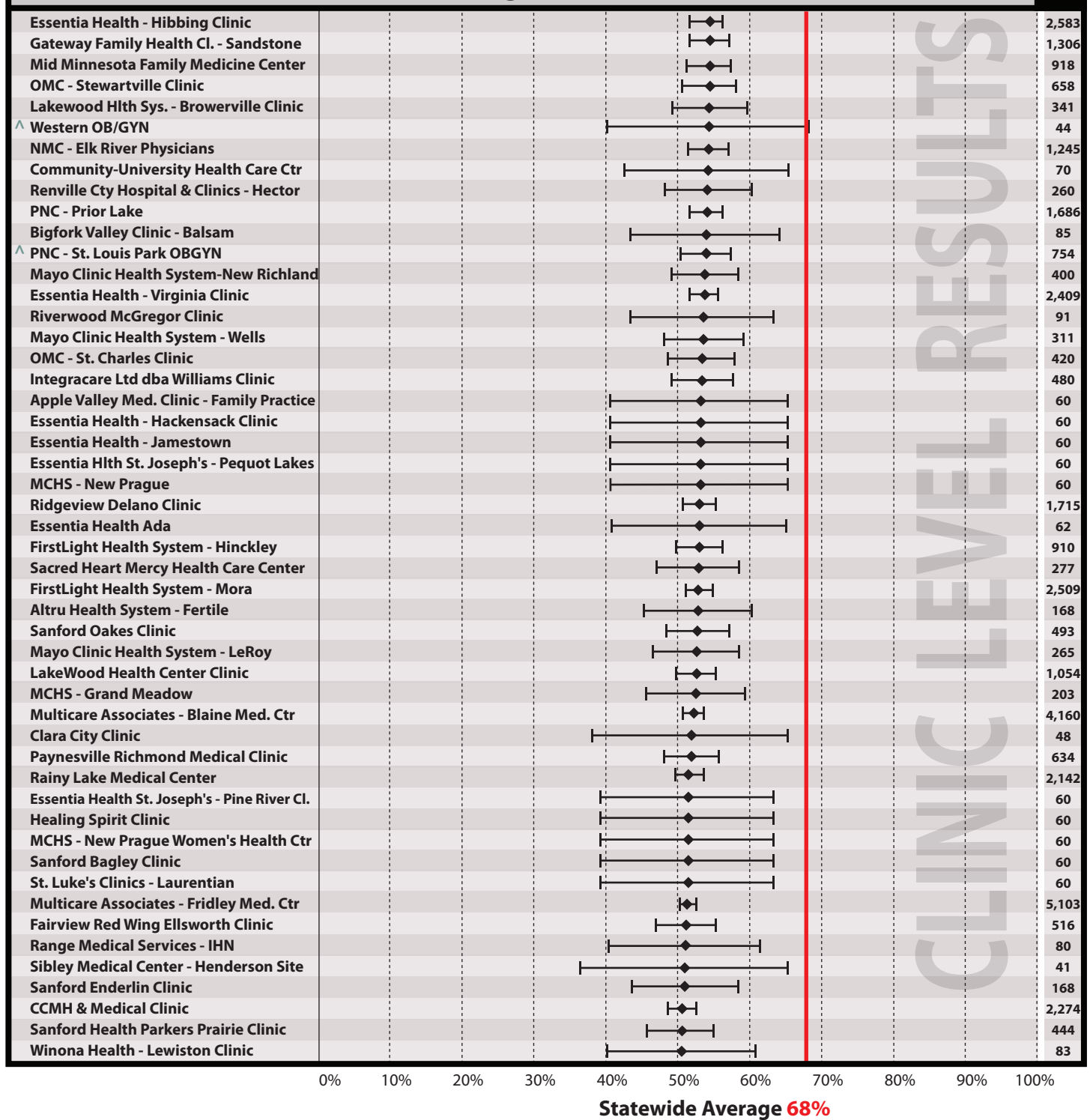
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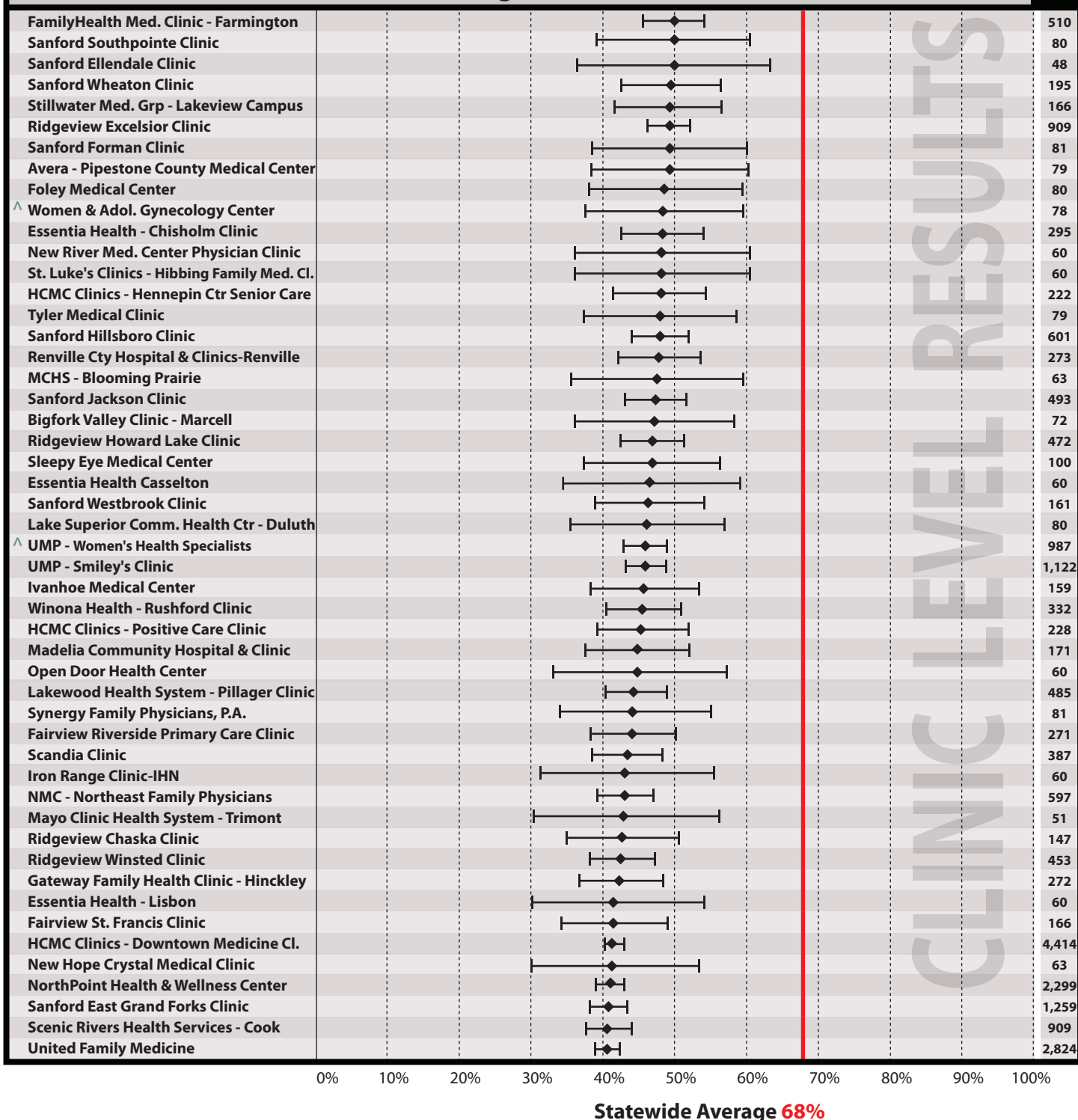
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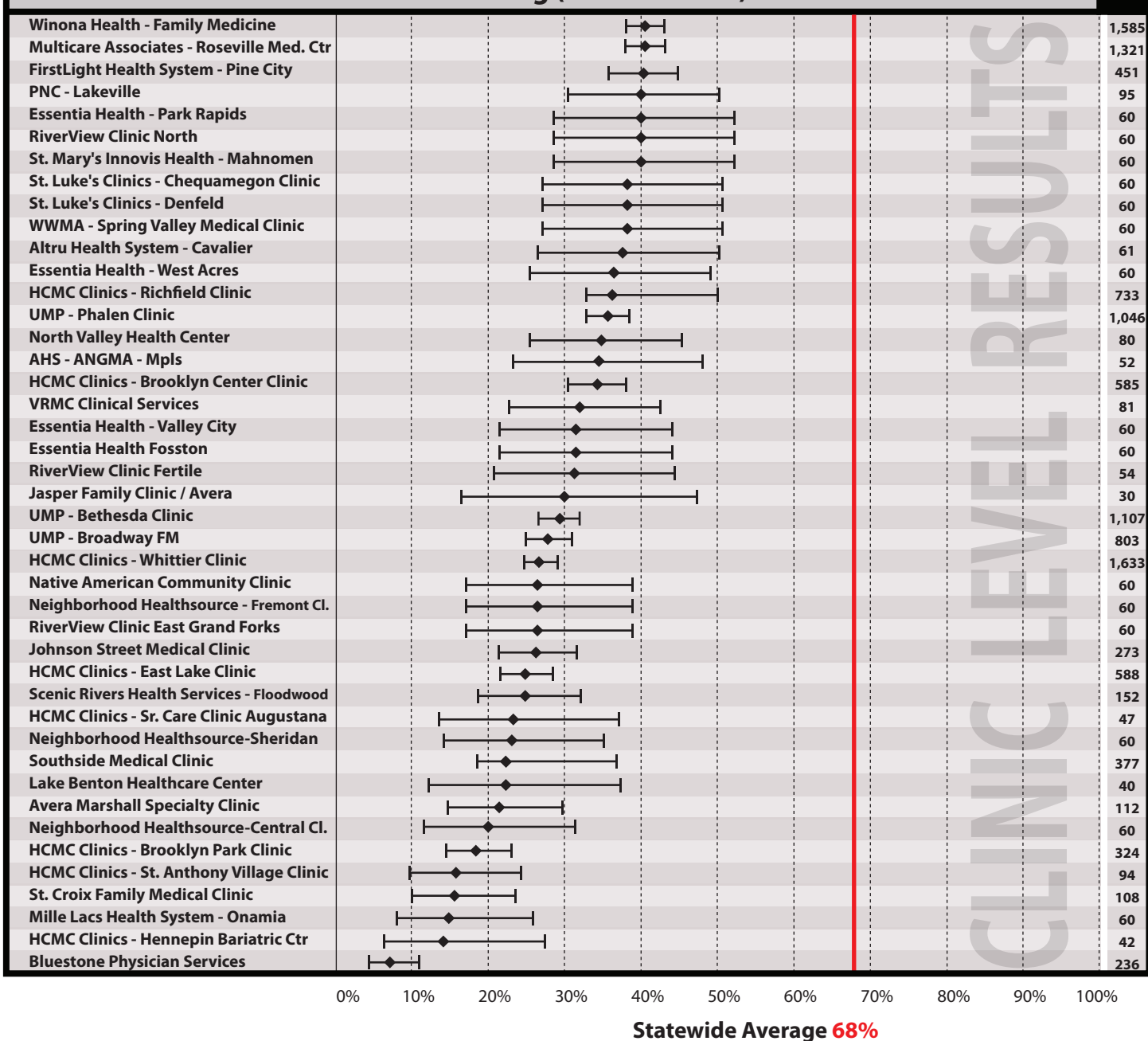


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## Performance Highlights - Clinic Results

### Highest performers in 2012

Clinic results showed that an average of 68 percent of patients 51-75 years of age had appropriate screening for colorectal cancer. **Clinic Sofia OB/GYN** set the benchmark of 97 percent. There were 172 out of 593 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:

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

- Marshall (Bruce Street)
- Marshall Clinic (Market Street)
- New London Clinic
- Willmar Clinic

#### **Allina Health System**

- Abbott Northwestern General Medicine Associates- Edina

#### **Allina Medical Clinic**

- Blaine
- Buffalo
- Crossroads Chaska
- Eagan
- Edina
- Elk River
- Faribault
- Isles
- Nicollet Mall
- OB/GYN Specialists
- Shoreview
- The Doctor's Uptown
- United Medical Specialists
- Woodlake

#### **Aspen Medical Group**

- Highland
- Hopkins
- White Bear Lake

#### **Avera Medical Group**

- United Medical Clinic

#### **Catalyst Medical Clinic**

#### **CentraCare Health System**

- Becker
- Health Plaza- Family Medicine
- Health Plaza- Internal Medicine
- Health Plaza- Women & Children OB/GYN
- Heartland
- Long Prairie
- Melrose
- River Campus- Internal Medicine
- 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

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

- St. Joseph's - Pillager

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

- Duluth Clinic 1st St.
- Hermantown Clinic
- Lakeside 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
- Jonathan
- Lakes Medical Center
- Lakeville
- Maple Grove Medical Center
- Milaca
- Northeast
- Oxboro
- Princeton
- Red Wing Medical Center
- Ridges
- RidgeValley
- Rosemount
- Uptown

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

#### **Gundersen Lutheran**

- LaCrescent

#### **HealthEast Clinics**

- Cottage Grove
- Downtown St. Paul
- Eagan

- Grand Avenue

- Hugo
- Maplewood
- Midway
- Oakdale
- Rice Street
- Roseville
- Stillwater
- Vadnais Heights
- Woodbury

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

#### **HealthPartners Clinics**

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

#### **Integrity Health Network**

- Lake Superior Internal Medicine

#### **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

## Performance Highlights - Clinic Results

### Highest performers in 2012- *continued*

#### Mayo Clinic Health System

- Austin
- Cannon Falls
- Faribault
- Franciscan Healthcare in LaCrescent
- Kenyon
- Mankato Eastridge
- Mankato Northridge
- Mankato Specialty Clinic
- Owatonna
- St. Peter

#### North Clinic

- Osseo Office

#### North Memorial Clinic

- Brooklyn Center Physicians
- Camden Physicians
- Maple Grove
- Minnetonka Physicians

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

- Maple Grove
- WestHealth

#### 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

#### Premier OB/GYN of MN dba West OB/GYN Clinic, P.A.

- Ridgedale

#### Quello Clinic

- Burnsville
- Chanhassen
- Edina
- Lakeville

#### Sanford Health - Fargo Region

- Bemidji 1611 Anne St.
- Bemidji Family Medicine
- Bemidji Internal Medicine
- Black Duck

- Broadway Clinic Alexandria
- Broadway Internal Medicine
- Detroit Lakes
- Jamestown
- New York Mills
- North Fargo
- Perham
- South Moorhead Family Medicine
- South Moorhead Internal Medicine
- Southpointe Internal Medicine

#### Sanford Health - Sioux Falls Region

- Canby
- Luverne

#### Southdale Internal Medicine, P.A.

#### Southdale OB/GYN Consultants

#### Steven Saliterman, MD

#### St. Luke's Clinics

- P.S. Rudie Medical Clinic

#### Stillwater Medical Group

- Curve Crest Clinic

#### Western Wisconsin Medical Associates

- New Richmond

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Colorectal Cancer Screening (clinic results) was made by **Allina Health System - Abbott Northwestern General Medicine Associates - Edina**, whose score increased by more than 78 percentage points.

### Clinic performance over time (2010-2012)

Not applicable.

## Performance Highlights - Clinic Results

### Highest performers in 2012 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- 53 out of 114 (46%)

##### Allina Medical Clinic

- Blaine
- Eagan
- OB/GYN Specialists
- Shoreview
- United Medical Specialists

##### Aspen Medical Group

- Highland
- White Bear Lake

##### Entira Family Clinics

- Highland
- Maplewood/Battle Creek
- White Bear Lake/Banning Avenue
- White Bear Lake- Bel-laire Avenue

##### Fairview Health Services

- Andover
- CedarRidge
- Columbia Heights
- Eagan
- Fridley
- Highland Park
- Lakeville
- Ridges
- Rosemount

##### HealthEast Clinics

- Cottage Grove
- Downtown St. Paul
- Eagan
- Grand Avenue
- Hugo
- Maplewood
- Midway

- Oakdale
- Rice Street
- Vadnais Heights
- Woodbury

##### HealthPartners Clinics

- Adult & Seniors Health
- Apple Valley
- Arden Hills
- Como
- Coon Rapids
- Eagan
- Health Center for Women

- Inver Grove Heights
- Lino Lakes
- Maplewood
- Roseville
- St. Paul
- West

- White Bear Lake
- Woodbury

##### Park Nicollet Health Services

- Burnsville
- Eagan

##### Partners Obstetrics & Gynecology, PA

##### Quello Clinic

- Burnsville
- Lakeville

##### Stillwater Medical Group

- Curve Crest Clinic





## Performance Highlights - Clinic Results

### Highest performers in 2011 by region- *continued*

#### West Metro- 50 out of 132 (38%)

**Allina Health System**

- Abbott Northwestern General Medicine Associates- Edina

**Allina Medical Clinic**

- Crossroads Chaska
- Edina
- Isles
- Nicollet Mall
- The Doctor's Uptown
- Woodlake

**Aspen Medical Group**

- 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
- Uptown

**HealthPartners Clinics**

- Bloomington
- Brooklyn Center
- West

**North Clinic**

- Osseo Office

**North Memorial Clinic**

- Brooklyn Center Physicians
- Camden Physicians
- Maple Grove
- Minnetonka Physicians

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

- Maple Grove
- WestHealth

**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  
Premier OB/GYN of MN  
dba West OB/GYN Clinic,  
P.A.**

- Ridgedale

**Quello Clinic**

- Chanhassen
- Edina

**Southdale Internal  
Medicine, P.A.**
**Southdale OB/GYN  
Consultants**
**Steven Saliterman, MD**


#### Southeast- 23 out of 79 (29%)

**Allina Medical Clinic**

- Faribault

**Fairview Health Services**

- Red Wing Medical Center

**Gundersen Lutheran**

- 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
- Franciscan Healthcare LaCrescent
- Kenyon

- Mankato Eastridge
- Mankato Northridge
- Mankato Specialty Clinic
- Owatonna
- St. Peter

## Performance Highlights - Clinic Results

### Highest performers in 2012 by region- *continued*

#### Central- 20 out of 82 (24%)

##### Allina Medical Clinic

- Buffalo
- Elk River

##### CentraCare Health System

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

##### Essentia Health - Central Region

- St. Joseph's - Pillager

##### Fairview Health Services

- Chisago Lakes
- Elk River
- Lakes Medical Center
- Milaca
- Princeton

##### HealthPartners Central MN Clinics

##### Sanford Health - Fargo Region

- Broadway Internal Medicine
- Southpointe Internal Medicine



#### Northwest- 8 out of 39 (21%)

##### Sanford Health - Fargo Region

- Bemidji 1611 Anne St.
- Bemidji Family Medicine
- Bemidji Internal Medicine
- Detroit Lakes

- New York Mills
- Perham
- South Moorhead Family Medicine
- South Moorhead Internal Medicine

#### Southwest- 9 out of 56 (16%)

##### Affiliated Community Medical Centers

- Marshall (Bruce Street)
- Marshall Clinic (Market Street)
- New London Clinic

- Willmar Clinic
- ##### Avera Medical Group
- United Medical Clinic
- ##### Family Practice Medical Center of Willmar
- ##### Sanford Health - Fargo

##### Region

- Broadway Clinic Alexandria
- ##### Sanford Health - Sioux Falls Region
- Canby
  - Luverne

#### Northeast-7 out of 47 (15%)

##### Essentia Health - East Region

- Duluth Clinic 1st St.
- Hermantown Clinic
- Lakeside Clinic

- West Duluth Clinic

##### Integrity Health Network

- Lake Superior Internal Medicine

##### Sanford Health - Fargo Region

- Black Duck

##### St. Luke's Clinics

- P.S. Rudie Medical Clinic

#### Wisconsin- 1 out of 13 (8%)

##### Western Wisconsin Medical Associates

- New Richmond

#### North Dakota- 1 out of 31 (3%)

##### Sanford Health - Fargo Region

- Jamestown



## ***How they improve: Allina Medical Clinic - Buffalo***

If there were a formula for improving clinical care at Allina Medical Clinic - Buffalo, it might consist of equal parts technology, making performance about people, and teamwork.

Part of Allina Health, Allina Medical Clinic – Buffalo is a high-performer among Minnesota clinics in this *Health Care Quality Report*, with above-average rates for diabetes, vascular, depression remission, colorectal cancer screening and optimal asthma care in both children and adults.

### **Technology: making the most of standard tools**

Allina Health works to manage chronic diseases consistently across its clinics, said Amy Ryan, quality project manager at Allina Health. Examples include optimizing electronic medical record tools, using alerts to remind providers about patient care needs, use of standardized documentation tools, patient-level tracking reports, after-visit summaries and helping patients to use MyChart, an online health record system for both patients and providers.

“We create system-level tools and work flows,” Ryan said. “But there will be variation in clinic sites for a variety of reasons.” Allina Medical Clinic-Buffalo relies on such tools to improve care, said Dr. Kayla Anderson, MD, site medical officer and physician in charge of quality at the clinic. “From our site’s standpoint, all of those tools have a major impact on quality in our clinic.”

A useful tool for patients is *MyChart*. Thirty-three percent of the clinic’s patients use the system, either online or via their phones with a smart phone application. “*MyChart* definitely engages patients,” Anderson said. “They feel part of their care. They can go online and schedule an appointment at any time. My diabetic patients send me *MyChart* messages about their blood sugar levels, and I manage it through *MyChart*. It optimizes their care without being seen and empowers patients to take control of their chronic diseases.”

Getting e-mail from a member of their own care team helps to personalize a process that might otherwise seem impersonal, added Carmen Ylitalo, RN, clinic manager.

### **Performance is about people**

Discussions about quality improvement drill down to a personal level in the monthly site meeting with physicians, nurses and medical assistants.

Anderson may review case studies and present them for staff to learn from each other. “These numbers mean a lot to us because these are patients’ lives,” she said.

She also draws providers and clinical staff into the performance data presentations, which might otherwise seem a little dry. She shows YouTube videos that illustrate health care concepts. The coming year may include a more competitive approach to the monthly performance dashboard, Anderson said – such as using game shows or mini-competitions to improve quality scores.

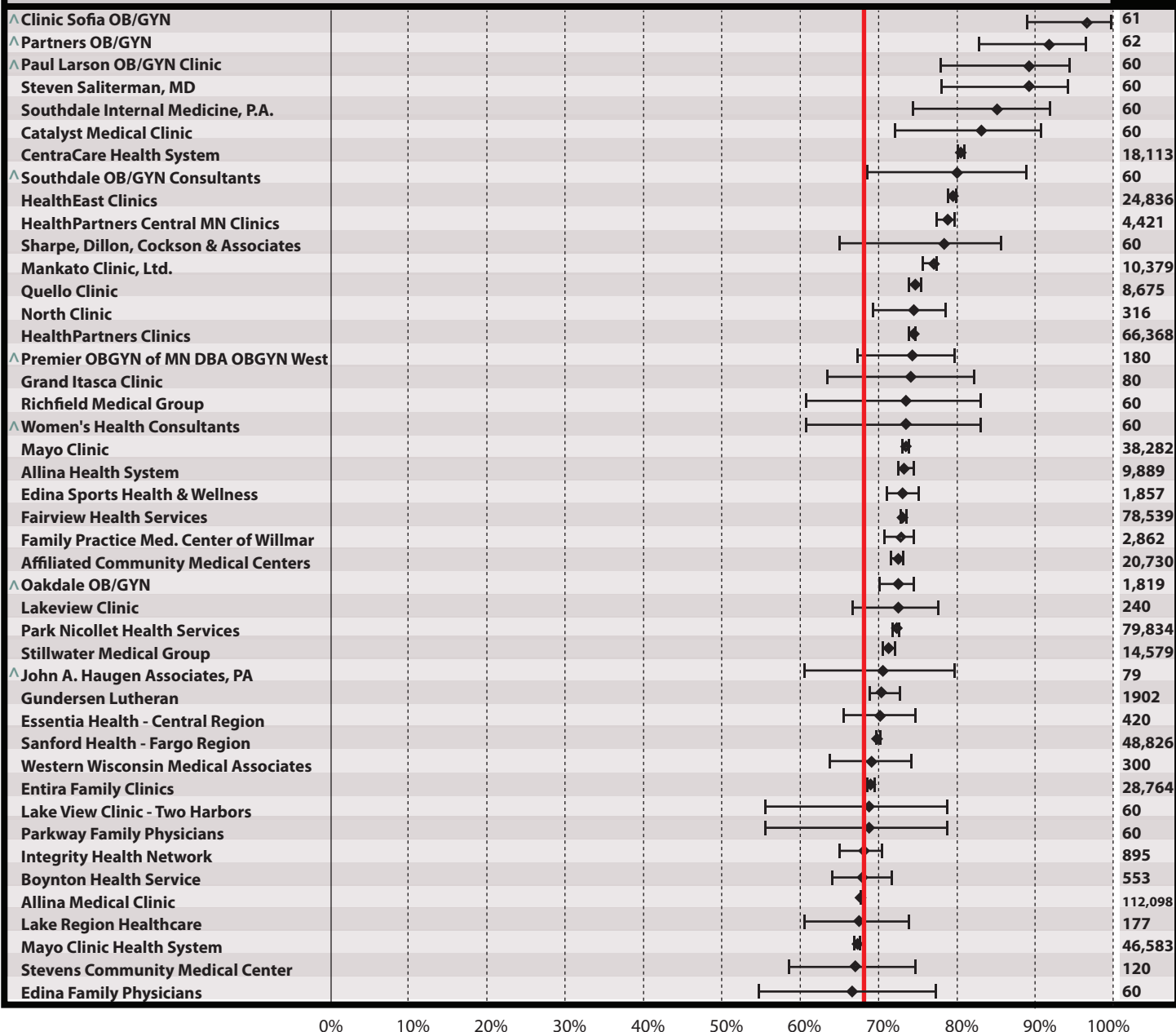
“We are throwing so much at clinical staff, we have to make it fun, too,” Anderson said.

### **Teamwork fosters improvement**

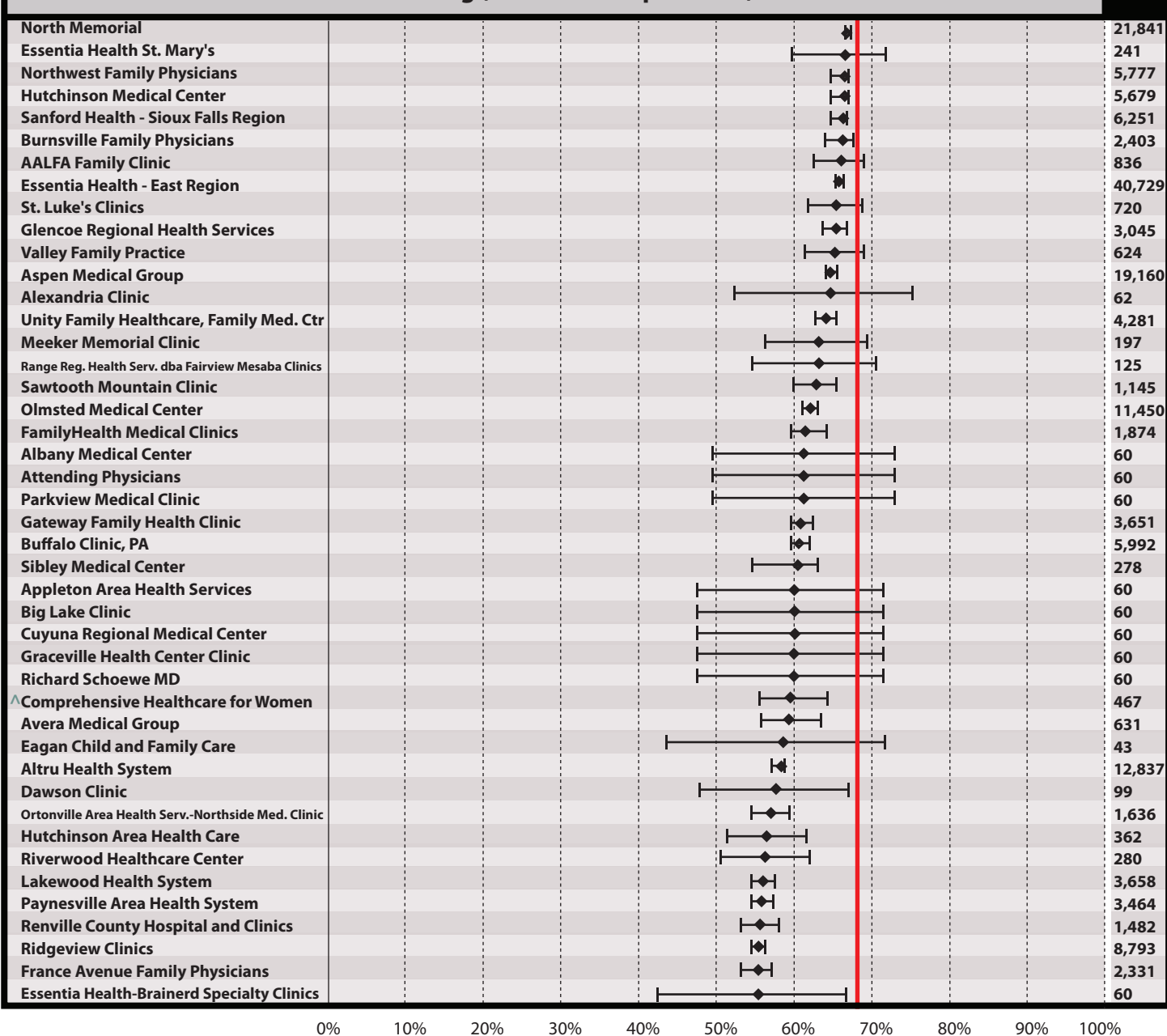
The monthly combined meetings that include presentations on quality are a chance to “really help each other and learn how to do things better,” Anderson added. Getting everyone together is expensive but worth it because it helps increase detailed communication and improve clinic process, she added.

The combination of tools, teamwork and the human touch has worked well for the clinic. Ylitalo also noted that she sees a high commitment to quality, and it is contagious.

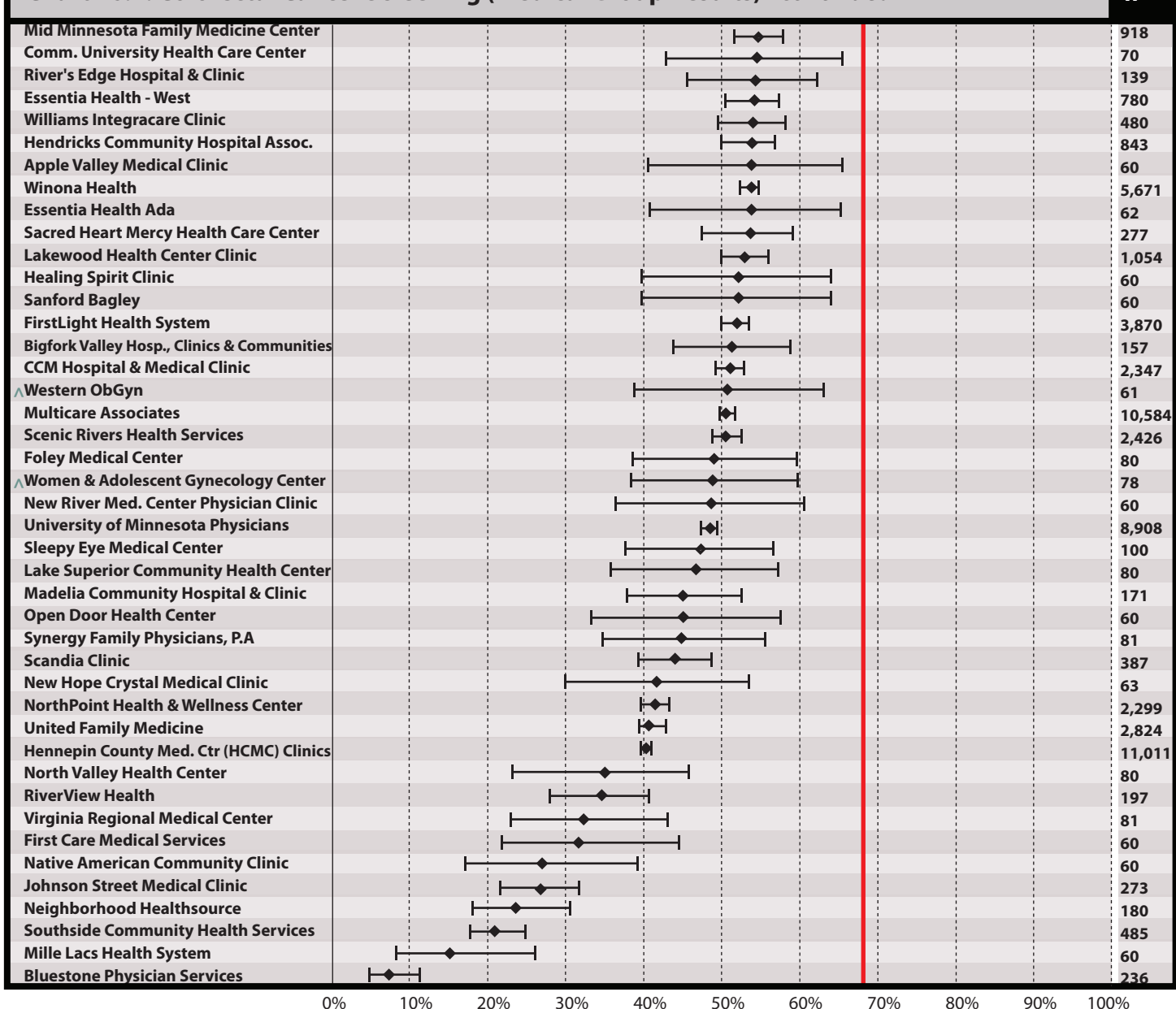
“When you have physicians really engaged, it drives clinical staff engagement, and nurses are dedicated to getting every detail of the rooming process right,” Ylitalo said. “All of the tools developed by Allina actually get used. And when people see the end game, that patients’ lives actually improve, then quality improvement really takes off.”

**Chart 16.2: Colorectal Cancer Screening (Medical Group Results)****n\***

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

**Chart 16.2: Colorectal Cancer Screening (Medical Group Results) - continued****Statewide Average 68%**

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

**Chart 16.2: Colorectal Cancer Screening (Medical Group Results) - continued****Statewide Average 68%**

CCM - Chippewa County Montevideo

^ OB/GYN

Lower Confidence Level/Upper Confidence Level

n\* = sample size

## Performance Highlights - Medical Group Results

### Highest performers in 2012

Medical group results showed that an average of 68 percent of patients 51-75 years of age had appropriate screening for colorectal cancer. **Clinic Sofia OB/GYN** set the benchmark of 97 percent. There were 26 of 131 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:

- Clinic Sofia Ob/Gyn
- Partners Ob/Gyn
- Paul Larson Ob/Gyn Clinic
- Steven Saliterman, MD
- Southdale Internal Medicine, P.A.
- Catalyst Medical Clinic
- CentraCare Health System
- Southdale Ob/Gyn Consultants
- HealthEast Clinics
- HealthPartners Central Minnesota Clinics
- Mankato Clinic, Ltd.
- Quello Clinic
- North Clinic
- HealthPartners Clinics
- Mayo Clinic
- Allina Health System
- Edina Sports Health & Wellness
- Fairview Health Services
- Family Practice Medical Center of Willmar
- Affiliated Community Medical Centers
- Oakdale Ob/Gyn
- Park Nicollet Health Services
- Stillwater Medical Group
- Gundersen Lutheran
- Sanford Health - Fargo Region
- Entira Family Clinics

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Colorectal Cancer Screening (medical group results) was made by **Buffalo Clinic**, whose score increased by more than 27 percentage points.

### Medical group performance over time (2010-2012)

Not applicable.

Please See Next Page

## 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, 2011 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 49 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).

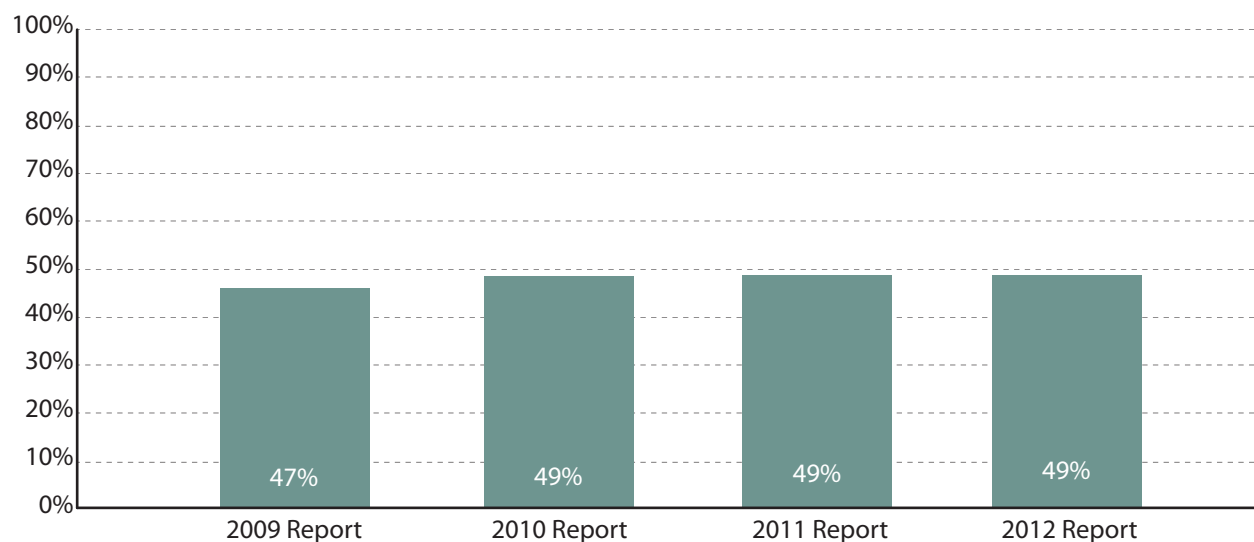
*The data for this measure are collected from health plan claims.*

**Table 17: Statewide Rate for Chlamydia Screening in Women\***

	Statewide Average	95% CI	Numerator (Patients who were screened)	Denominator
Chlamydia Screening	48.8%	48.4%-49.2%	33,864	69,422

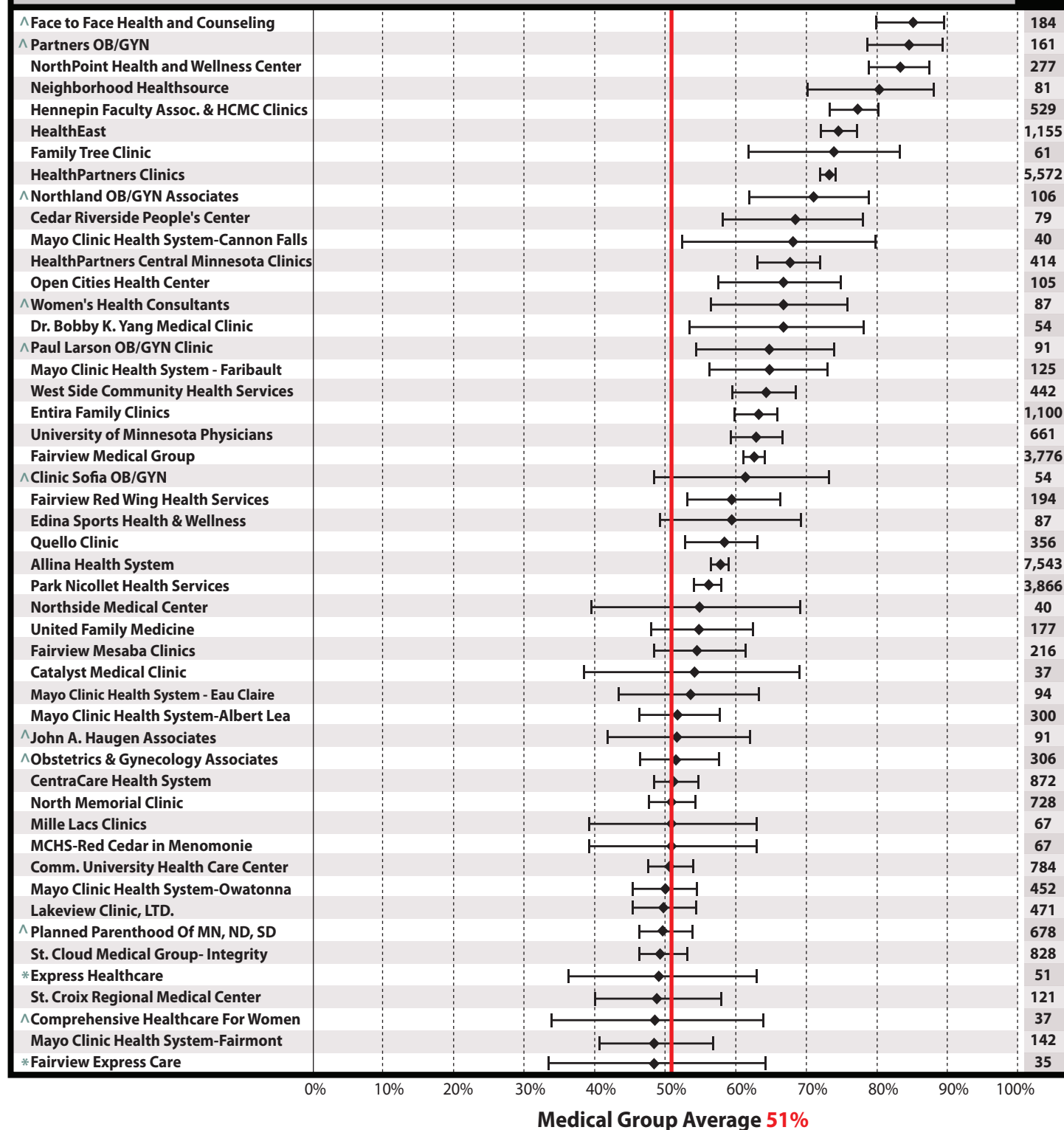
\*Statewide Average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

**Figure 17: Statewide Rates for Chlamydia Screening in Women Over Time**



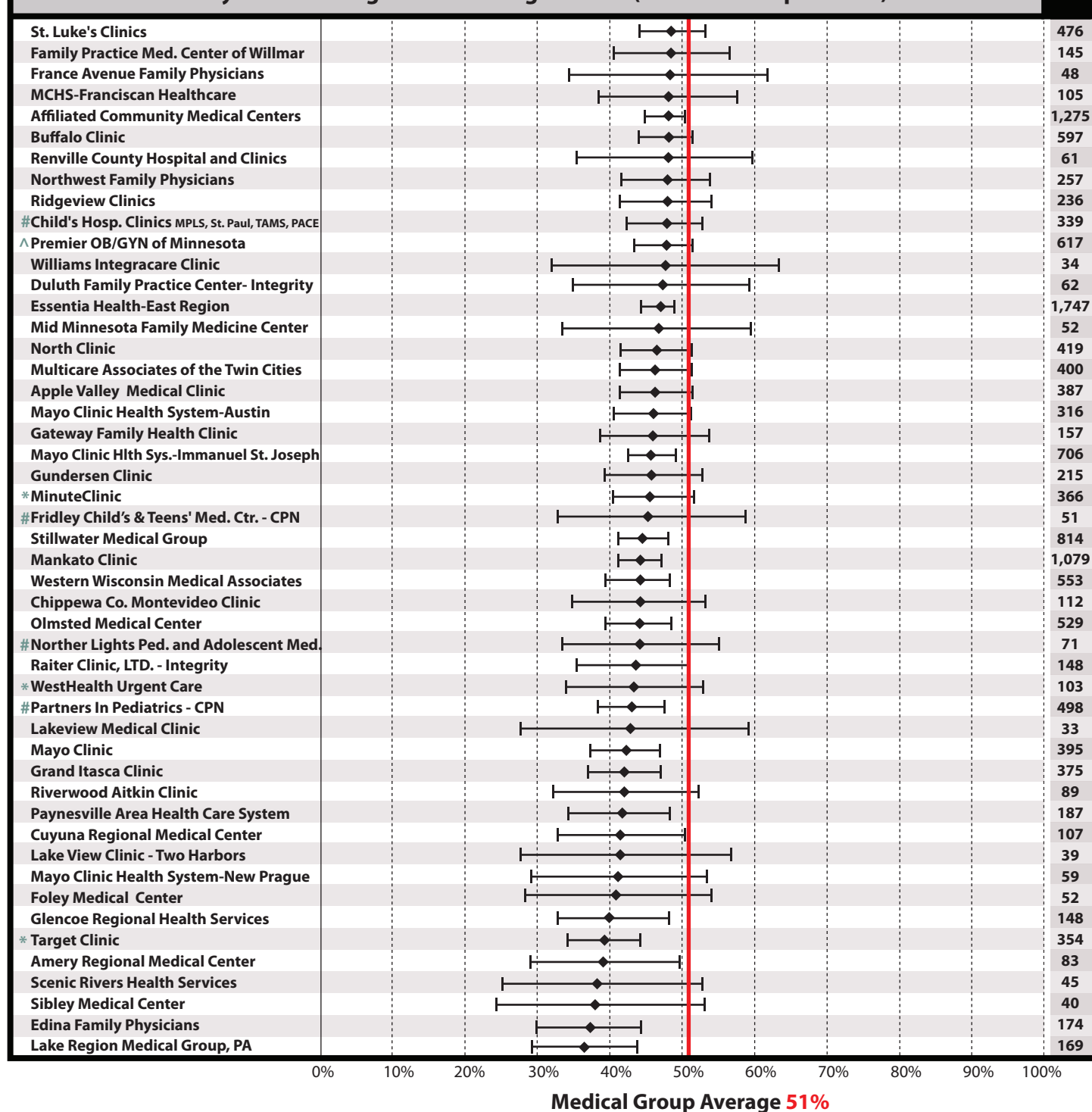
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



**Chart 17: Chlamydia Screening in Women - Ages 16-24 (Medical Group Results)****n\***

MCHS - Mayo Clinic Health System

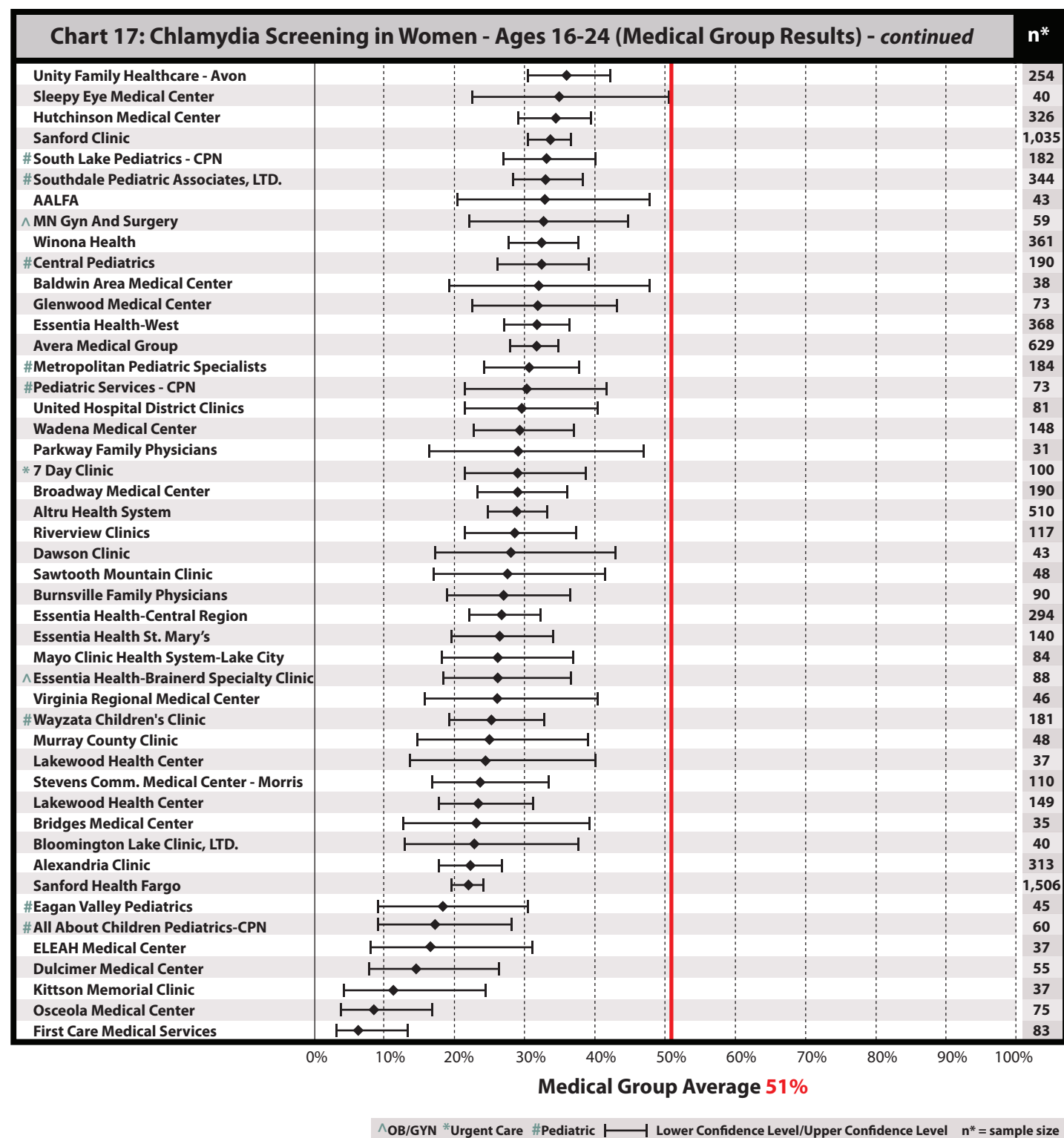
\* Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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

**Chart 17: Chlamydia Screening in Women - Ages 16-24 (Medical Group Results)- continued****n\***

MCHS - Mayo Clinic Health System

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

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



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

## Performance Highlights - Medical Group Results

### Highest performers in 2012

Medical group results showed that an average of 51 percent of sexually active women ages 16-24 had a chlamydia test. **Face to Face Health and Counseling** set the benchmark of 85 percent. Twenty-five of 145 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
- Partners OB/GYN
- NorthPoint Health and Wellness Center
- Neighborhood Healthsource
- Hennepin Faculty Associates & HCMC Clinics
- HealthEast
- Family Tree Clinic
- HealthPartners Clinics
- Northland OB/GYN Assoc.
- Cedar Riverside People's Center
- Mayo Clinic Health System - Cannon Falls
- HealthPartners Central Minnesota Clinics
- Open Cities Health Center
- Women's Health Consultants
- Dr. Bobby K. Yang Medical Clinic
- Paul Larson OB/GYN Clinic
- Mayo Clinic Health System - Faribault
- West Side Community Health Services
- Entira Family Clinics
- University of Minnesota Physicians
- Fairview Medical Group
- Fairview Red Wing Health Services
- Quello Clinic
- Allina Health System
- Park Nicollet Health Services

### Biggest improvement from 2011-2012

The greatest improvement since report year 2011 in Chlamydia Screening (medical group results) was made by **Lakeview Medical Clinic**, whose score increased by more than 21 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over Time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following medical group achieved consistently high performance and above-average rates over the past three years for Chlamydia Screening in Women:**

- Face to Face Health & Counseling
- HealthPartners Clinics
- Hennepin Faculty Associates & HCMC Clinics
- Neighborhood Healthsource
- NorthPoint Health and Wellness Center
- Open Cities Health Center
- Park Nicollet Health Services
- Partners OB/GYN
- Quello Clinic
- University of Minnesota Physicians

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

- Catalyst Medical Clinic
- Face to Face Health & Counseling
- HealthEast
- HealthPartners Central Minnesota Clinics
- John A. Haugen Assoc.
- Lakeview Medical Clinic
- Mayo Clinic Health System - Cannon Falls
- Mayo Clinic Health System - Fairmont
- Northland OB/GYN Assoc.
- Partners OB/GYN
- Paul Larson OB/GYN Clinic
- Paynesville Area Health Care System
- Red Cedar Medical Center - Mayo Health System
- Unity Family Healthcare - Avon
- Wadena Medical Center
- West Side Community Health Services

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

- All About Children Pediatrics - CPN
- Burnsville Family Physicians
- Essentia Health - Central Region
- Essentia Health - Brainerd Specialty Clinics
- Family Practice Medical Center Of Willmar
- Glencoe Regional Health Services
- Grand Itasca Clinic
- Hutchinson Medical Center
- Lakeview Clinic, Ltd.
- Mayo Clinic
- Mayo Clinic Health System - Franciscan Hlthcare
- Mayo Clinic Health System - Lake City
- South Lake Pediatrics - CPN
- United Family Medicine
- Winona Health

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

- Alexandria Clinic
- Apple Valley Medical Clinic
- Austin Medical Center - Mayo Health System
- Avera Medical Group
- Essentia Health - East Region
- Essentia Health - West
- Gundersen Clinic
- HealthPartners Clinics
- Hennepin Faculty Associates & HCMC Clinics
- Park Nicollet Health Services
- Riverwood Aitkin Clinic
- Southdale Pediatric Associates Ltd

#### **Seventy-two medical groups did not have a discernable pattern over three years.**

# 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- December 31, 2011 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 2012 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 has increased in 2012. 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).

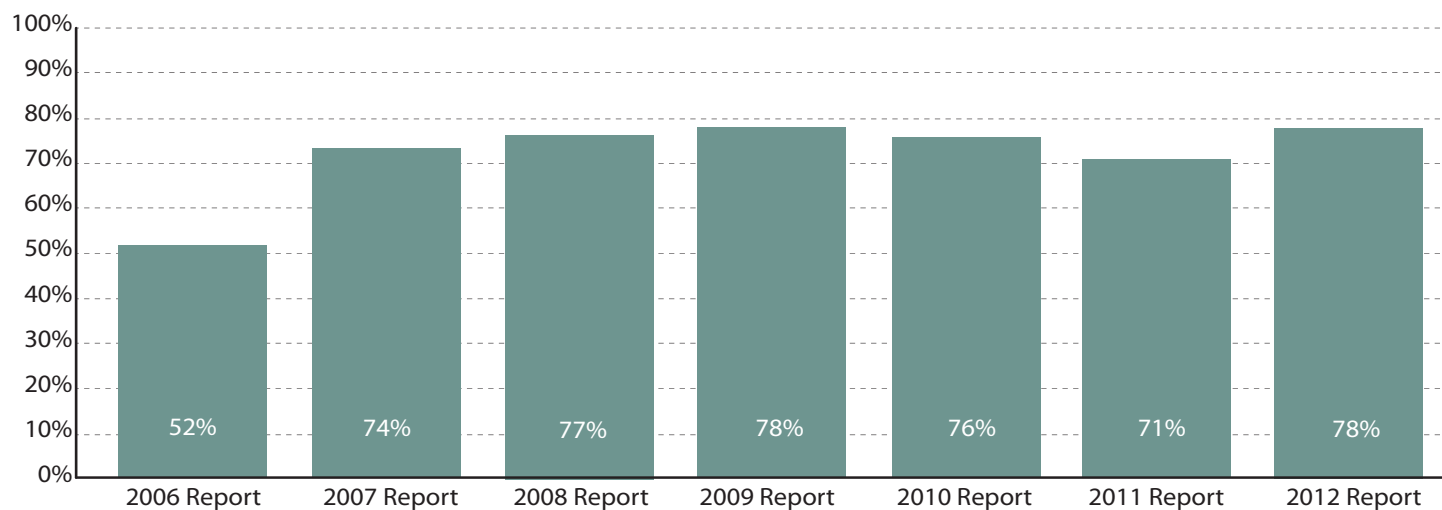
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC) and medical record review.

**Table 18: Statewide Rate for Childhood Immunization Status\***

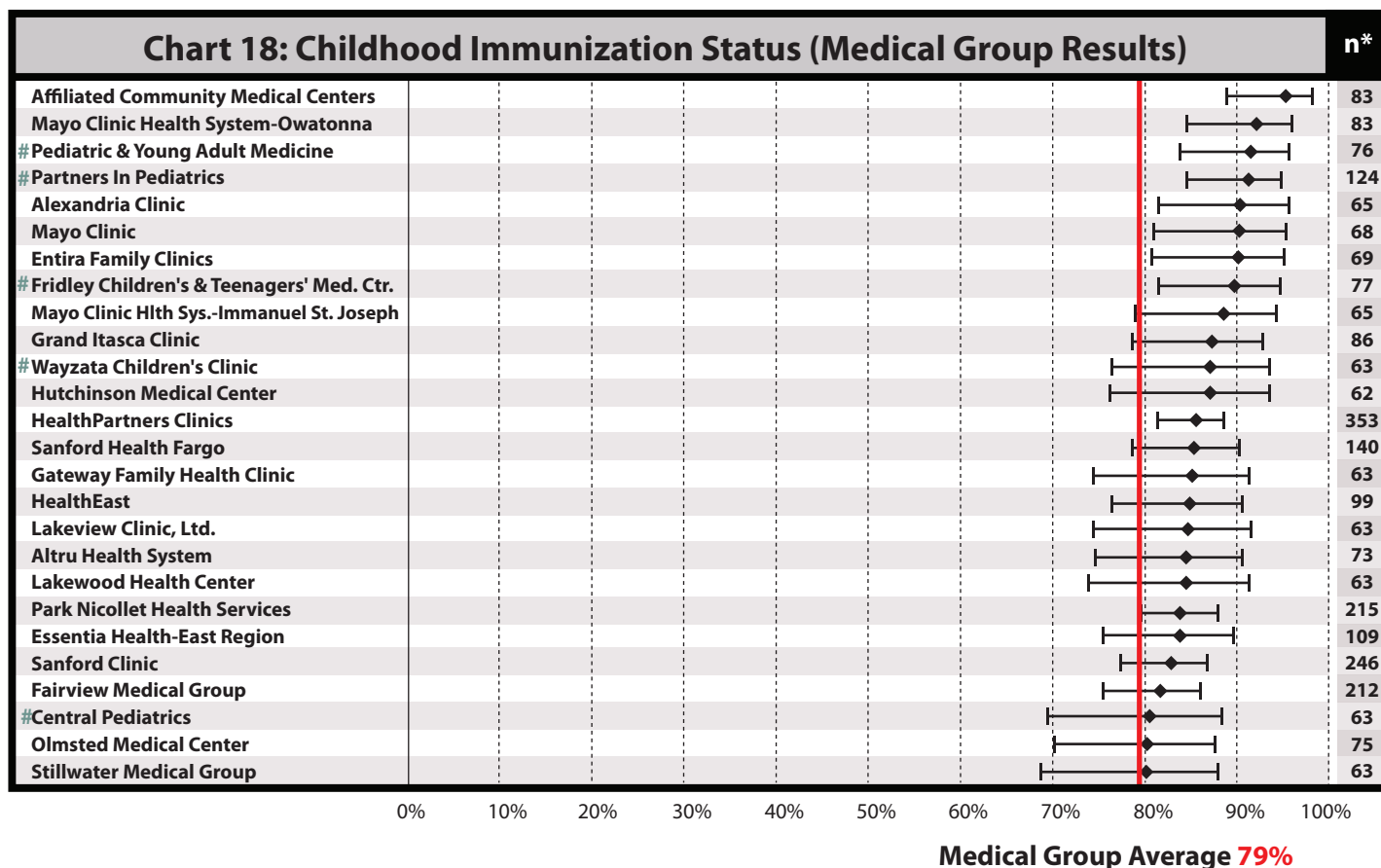
	Statewide Average (Weighted)	95% CI	Numerator (Patients who had all vaccinations)	Denominator (Patients Sampled)	Total Eligible
Childhood Immunization	77.6%	76.5%-78.6%	4,617	6,081	26,652

\*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**



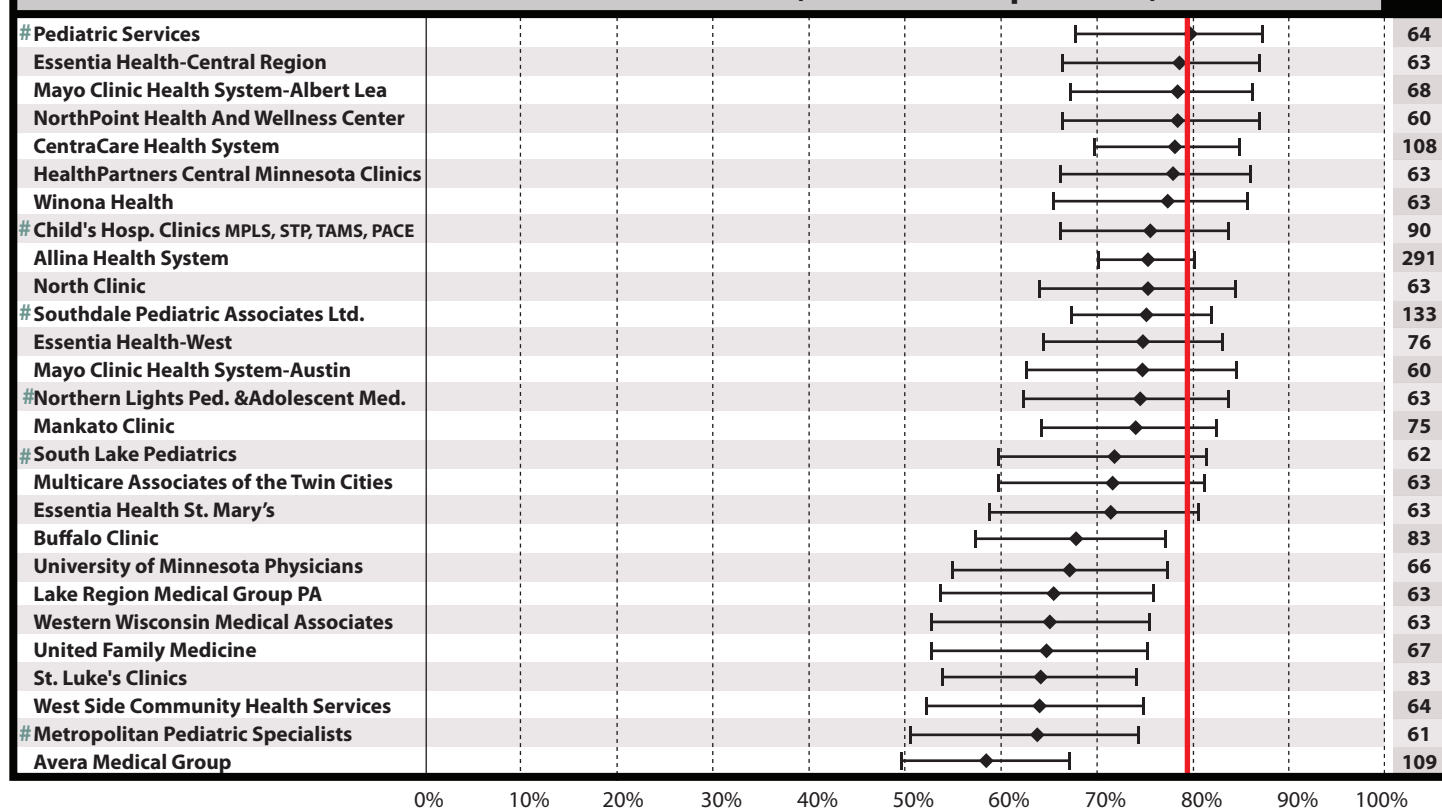
Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.



# 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 18: Childhood Immunization Status (Medical Group Results) - continued****Medical Group Average 79%**

# 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 2012

Medical group results showed that an average of 79 percent of children two years of age were up-to-date with all recommended immunizations by their second birthday. **Affiliated Community Medical Centers** set the benchmark of 95 percent. Nine out of 53 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- Affiliated Community Medical Centers
- Mayo Clinic Health System - Owatonna
- Pediatric and Young Adult Medicine - Children's Physician Network
- Partners in Pediatrics - Children's Physician Network
- Alexandria Clinic
- Mayo Clinic
- Entira Family Clinics
- Fridley Children's & Teenagers' Medical Center
- HealthPartners Clinics

### Biggest improvement from 2011-2012

The greatest improvements since report year 2011 in Childhood Immunizations (medical group results) was made by **Owatonna Clinic - Mayo Clinic Health System**, whose score increased by more than 37 percentage points.

## Performance Highlights - Medical Group Results

### Medical group performance over time (2010-2012)

We reviewed the data to identify patterns of medical group performance in medical groups with three years of data beginning in 2010. We looked for patterns of consistent high performance, consistent improvement, consistent decreases, and relative stability. The results are below in alphabetical order.

#### **The following medical group achieved consistently high performance and above-average rates over the past three years for Childhood Immunization Status:**

- HealthPartners Clinics

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

- Essentia Health - East Region
- Hutchinson Medical Center
- Partners In Pediatrics - Children's Physician Network
- Pediatric And Young Adult Medicine - Children's Physician Network
- South Lake Pediatrics - Children's Physician Network

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

- HealthPartners Central Minnesota Clinics
- Metropolitan Pediatric Specialists

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

- St. Luke's Clinics

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

Please See Next Page

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

### Immunizations for Adolescents

#### Adolescent Immunization (Results at Medical Group Level)

January 1 - December 31, 2011 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 53 percent. Table 19 displays the details of the 2012 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.

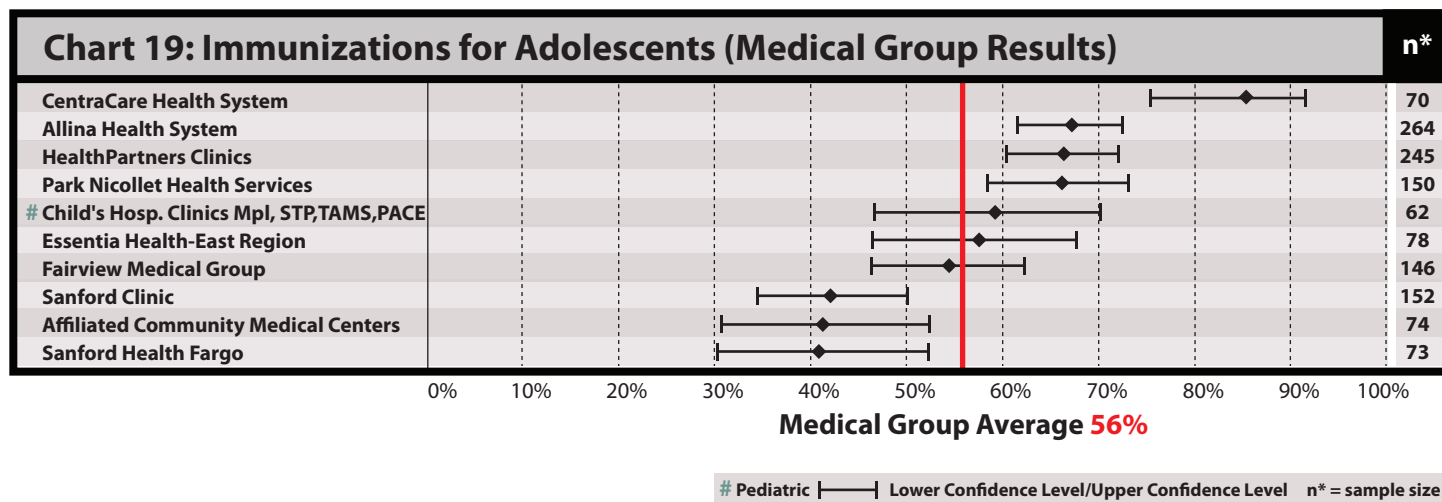
**Table 19: Statewide Rate for Immunizations for Adolescents\***

	Statewide Average (Weighted)	95% CI	Numerator (Patients who met treatment goals)	Denominator (Patients Sampled)	Total Eligible
Immunizations for Adolescents	53.4%	51.9% - 54.9%	2,179	4,309	26,195

\*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**

There is no trend chart because this is the first year of data collection and reporting for this measure.



\* 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 2012

Medical group results showed that an average of 56 percent of 13-year olds were up-to-date with all recommended immunizations by their thirteenth birthday. **CentraCare Health System** set the benchmark of 86 percent. Four out of 10 medical groups had rates and confidence intervals fully above the medical group average. The groups are below from high to low.

- CentraCare Health System
- Allina Health System
- HealthPartners Clinics
- Park Nicollet Health Services

### Biggest improvement from 2011-2012

Not applicable.

### Medical group performance over time (2010-2012)

Not applicable.



# Results by Measure

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

### **Section Contents**

#### **Maternity Care: Primary C-Section Rate**

This measure assesses the percentage of live, singleton newborns who were delivered via cesarean section to nulliparous women (first birth).

#### **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

Maternity Care: Primary C-Section Rate

Maternity Care: Primary C-Section Rate  
(Results at Clinic and Medical Group Level)

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

This measure assesses the percentage of live, singleton newborns who were delivered via cesarean section to nulliparous women (first birth).

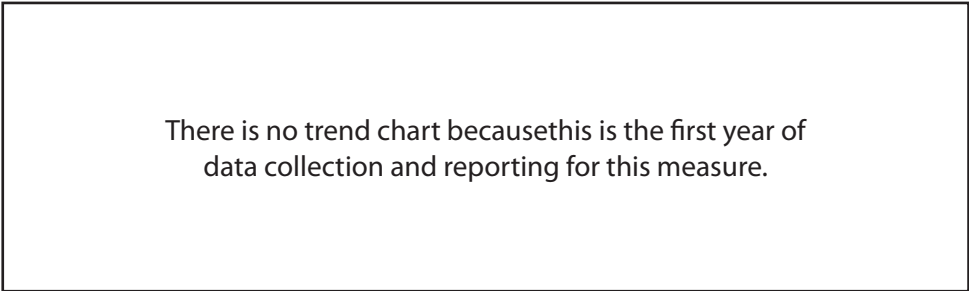
The statewide rate for Maternity Care: Primary C-Section Rate is 26 percent. For this measure, a lower rate indicates better performance. Table 20 displays the details of this statewide rate. Chart 20.1 provides the clinic results sorted from lowest to highest along with the statewide average (bold black line). Chart 20.2 provides the clinic results rolled up by medical group and are sorted by medical group from lowest to highest 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.

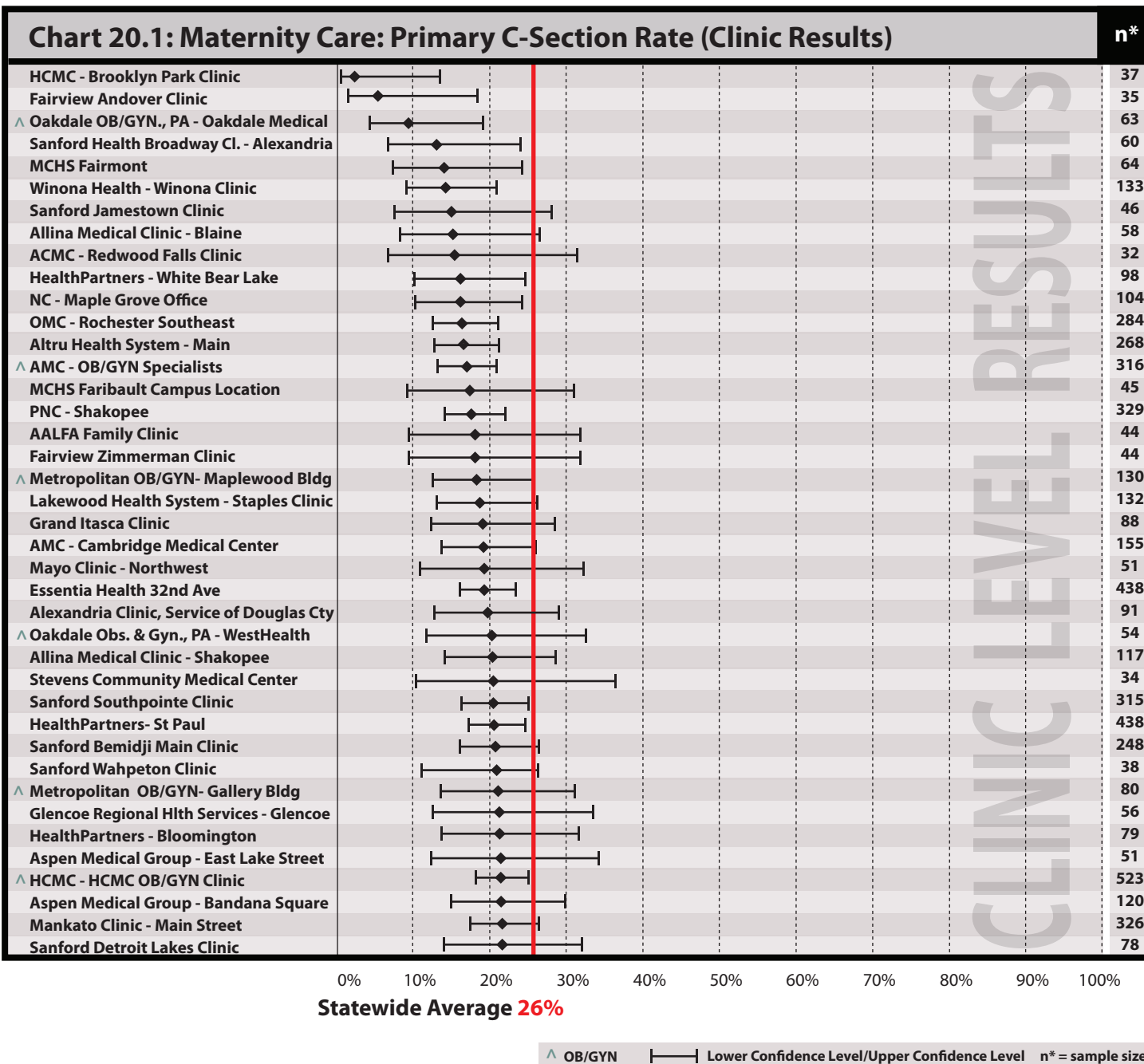
Data collected for this measure are submitted directly to MNCM by medical groups and clinics from electronic health records or paper-based medical charts.

Table 20: Statewide Rate for Maternity Care: Primary C-Section Rate

	Statewide Average	95% CI	Numerator (Patients who had a delivery via C-section)	Denominator (Deliveries)
Maternity Care: Primary C-Section Rate	25.9%	25.2%-26.4%	5,281	20,427

Figure 20: Statewide Rates for Maternity Care: Primary C-Section Rate Over Time

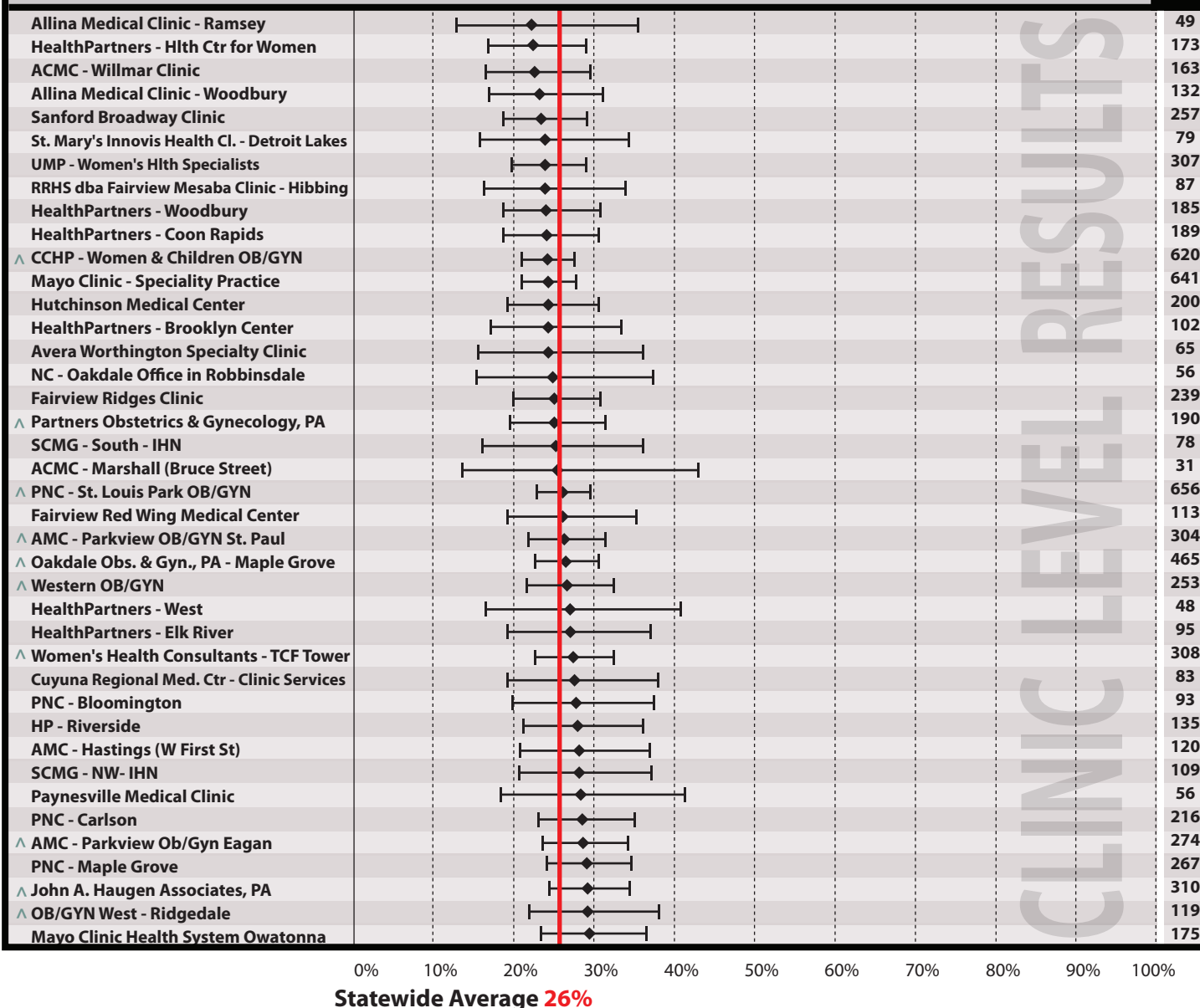




ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CCHP - CentraCare Health Plaza  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital

HCMC - Hennepin County Medical Center  
 HP - HealthPartners  
 IHN - Integrity Health Network  
 LRH - Lake Region Healthcare  
 MCHS - Mayo Clinic Health System  
 NC - North Clinic

NMC - North Memorial Clinic  
 OMC - Olmsted Medical Center  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SCMG - St. Cloud Medical Group  
 UMP - University of Minnesota Physicians  
 WWMA - Western Wisconsin Medical Associates

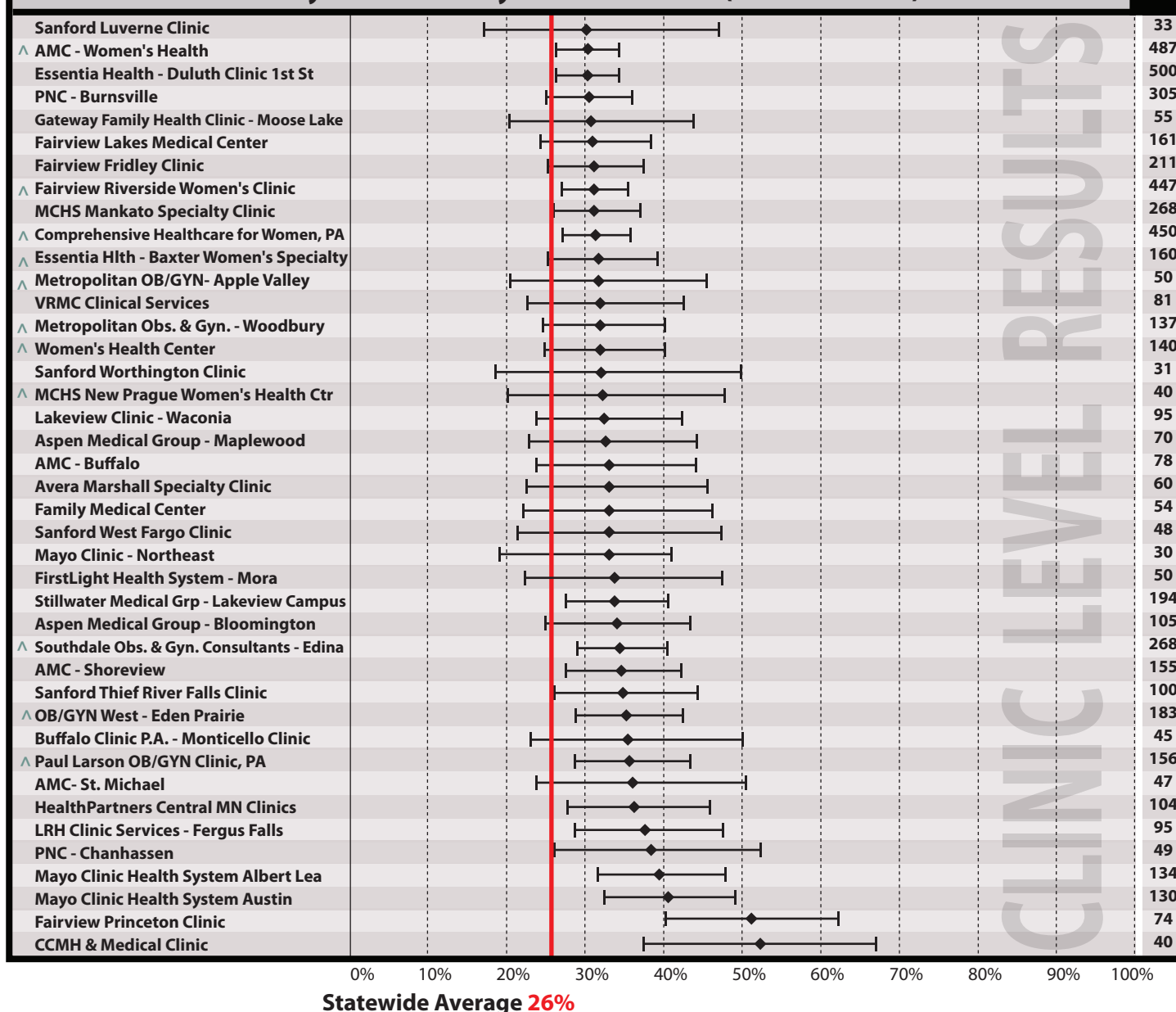
**Chart 20.1: Maternity Care: Primary C-Section Rate (Clinic Results) - continued****n\***

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

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CCHP - CentraCare Health Plaza  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital

HCMC - Hennepin County Medical Center  
 HP - HealthPartners  
 IHN - Integrity Health Network  
 LRH - Lake Region Healthcare  
 MCHS - Mayo Clinic Health System  
 NC - North Clinic

NMC - North Memorial Clinic  
 OMC - Olmsted Medical Center  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SCMG - St. Cloud Medical Group  
 UMP - University of Minnesota Physicians  
 WWMA - Western Wisconsin Medical Associates

**Chart 20.1: Maternity Care: Primary C-Section Rate (Clinic Results) - continued****n\***

ACMC - Affiliated Community Medical Centers  
 AHS - Allina Health System  
 AMC - Allina Medical Clinic  
 CCHP - CentraCare Health Plaza  
 CC - CentraCare  
 CCMH - Chippewa County Montevideo Hospital

HCMC - Hennepin County Medical Center  
 HP - HealthPartners  
 IHN - Integrity Health Network  
 LRH - Lake Region Healthcare  
 MCHS - Mayo Clinic Health System  
 NC - North Clinic

NMC - North Memorial Clinic  
 OMC - Olmsted Medical Center  
 PNC - Park Nicollet Clinic  
 RRHS - Range Regional Health Services  
 SCMG - St. Cloud Medical Group  
 UMP - University of Minnesota Physicians  
 WWMA - Western Wisconsin Medical Associates

## Performance Highlights - Clinic Results

### Highest performers in 2012

Clinic results showed that an average of 26 percent of live, singleton newborns were delivered via cesarean section to nulliparous women (first birth). **Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park Clinic** set the benchmark of only 3 percent of women having a cesarean delivery. For this measure, a lower performance rate represents better care. There were 16 of 121 clinics with rates and confidence intervals fully below the statewide average. The better performing clinics are listed below in alphabetical order under their medical group:

#### **Allina Medical Clinic**

- OB/GYN Specialists

#### **Altru Health System**

- Main

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

- 32nd Avenue

#### **Fairview Health Services**

- Andover Clinic

#### **HealthPartners Clinics**

- St. Paul
- White Bear Lake

#### **Hennepin County Medical Center (HCMC) Clinics**

- Brooklyn Park
- HCMC OB/GYN

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

- Fairmont

#### **North Clinic**

- Maple Grove Office

#### **Oakdale OB/GYN**

- Obstetrics & Gynecology, PA -  
Oakdale Medical Building

#### **Olmsted Medical Center**

- Rochester Southeast

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

- Shakopee

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

- Broadway Clinic - Alexandria
- Southpointe

#### **Winona Health**

- Winona Clinic

### Biggest improvement from 2011-2012

Not applicable.

### Clinic performance over time (2010-2012)

Not applicable.

## Performance Highlights - Clinic Results

### Highest performers in 2012 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.

#### North Dakota- 3 out of 6 (50%)

##### **Altru Health System**

- Main

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

- 32nd Avenue

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

##### **Region**

- Southpointe

#### Southeast- 3 out of 13 (23%)

##### **Olmsted Medical Center**

- Rochester Southeast

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

- Fairmont

##### **Winona Health**

- Winona Clinic

#### West Metro- 5 out of 31 (16%)

##### **Hennepin County Medical Center (HCMC) Clinics**

- Brooklyn Park
- HCMC OB/GYN Clinic

##### **Oakdale OB/GYN**

- Obstetrics & Gynecology, PA - Oakdale Medical Building

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

- Shakopee

#### East Metro- 4 out of 29 (14%)

##### **Allina Medical Clinic**

- OB/GYN Specialists

##### **Fairview Health Services**

- Andover

##### **HealthPartners Clinics**

- St. Paul
- White Bear Lake

#### Southwest - 1 out of 13 (8%)

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

- Broadway Clinic - Alexandria

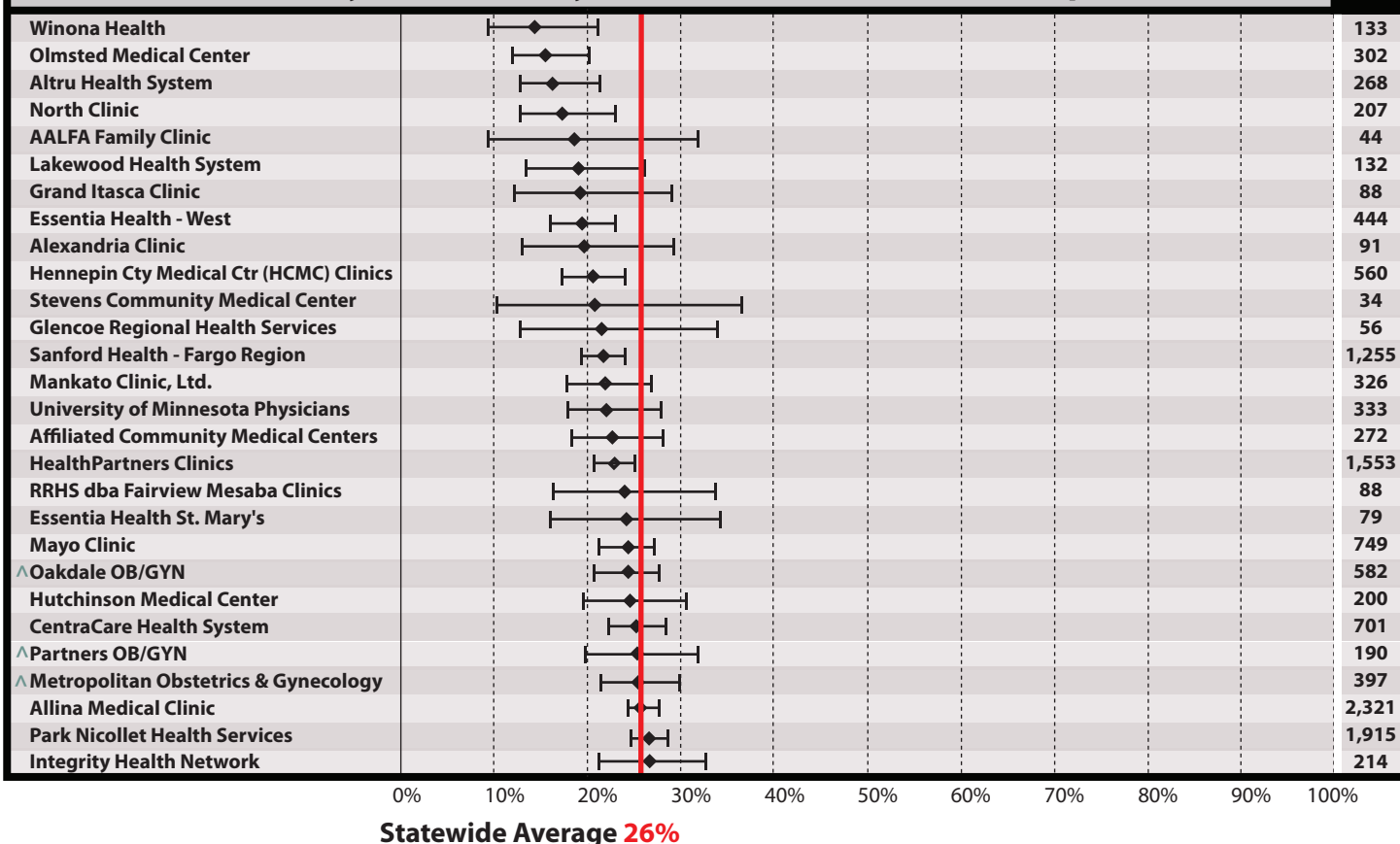
#### Central- 0 out of 19 (0%)

#### Northwest- 0 out of 4 (0%)

#### Northeast- 0 out of 5 (0%)

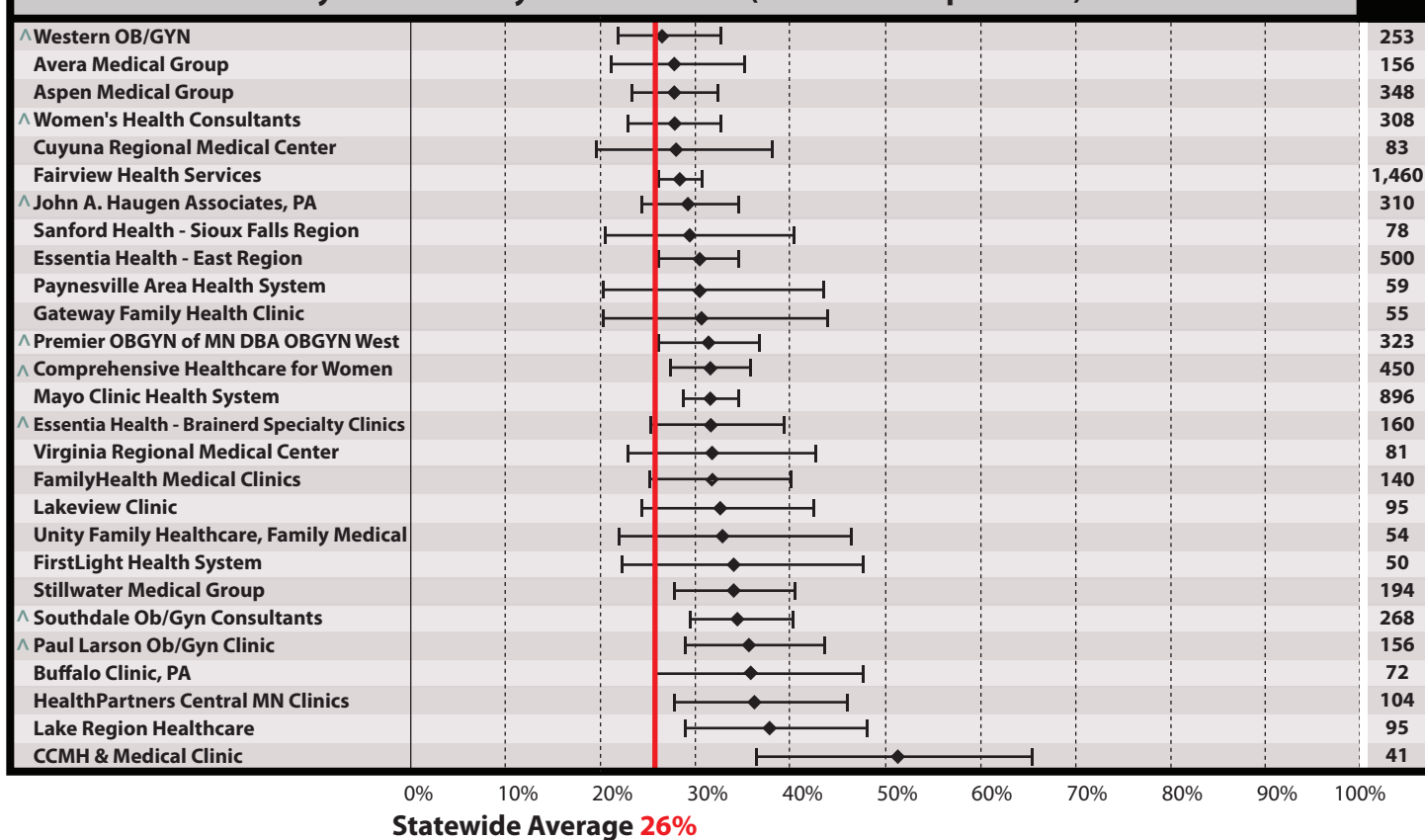




**Chart 20.2: Maternity Care: Primary C-Section Rate (Medical Group Results)****n\***

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

RRHS - Range Regional Health Services  
CCMH - Chippewa County Montevideo Hospital

**Chart 20.2: Maternity Care: Primary C-Section Rate (Medical Group Results) - *continued***

RRHS - Range Regional Health Services  
CCMH - Chippewa County Montevideo Hospital

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

## Performance Highlights - Medical Group Results

### Highest performers in 2012

Clinic results by medical group showed that an average of 26 percent of live, singleton newborns were delivered via cesarean section to nulliparous women (first birth). **Winona Health** set the benchmark of 14 percent of women having a cesarean delivery. For this measure, a lower performance rate represents better care. There were 8 of 55 medical groups with rates and confidence intervals fully below the statewide average. The better performing medical groups are below from high to low.

- Winona Health
- Olmsted Medical Center
- Altru Health System
- North Clinic
- Essentia Health - West
- Hennepin County Medical Center (HCMC) Clinics
- Sanford Health - Fargo Region
- HealthPartners Clinics

### Biggest improvement from 2011-2012

Not applicable.

### Medical group performance over time (2010-2012)

Not applicable.

Please See Next Page

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

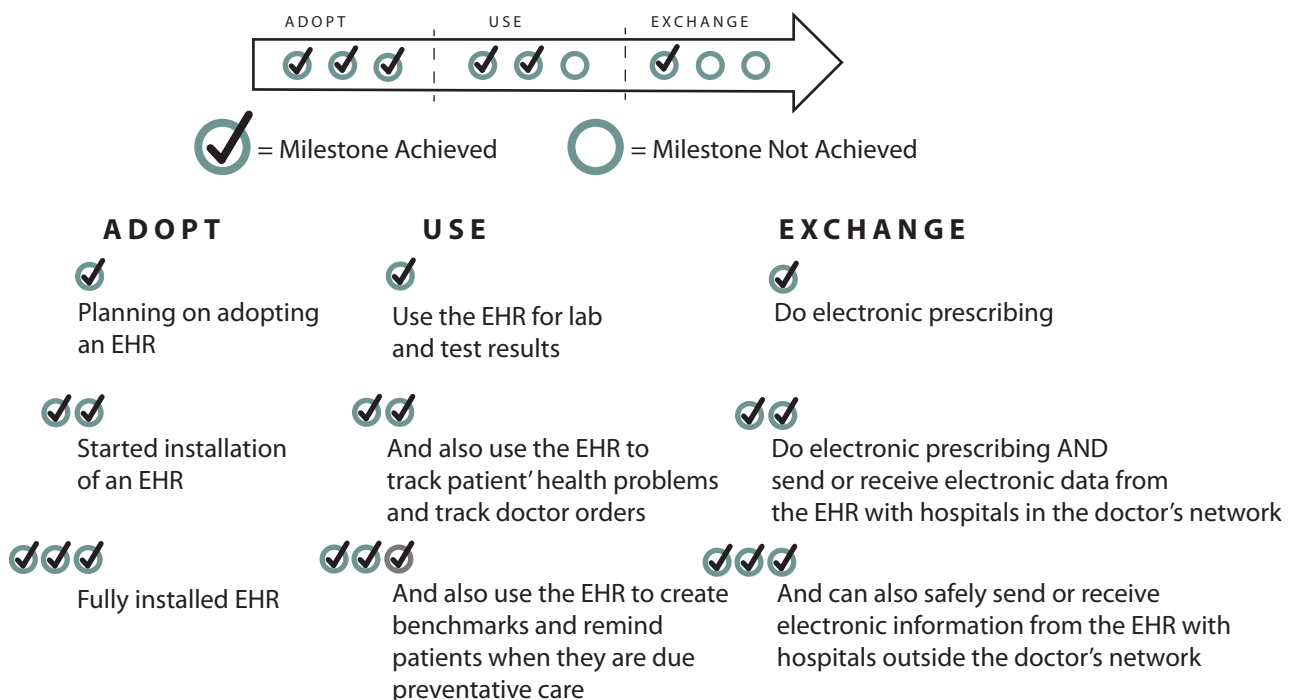
### Health Information Technology (HIT) Measures

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.

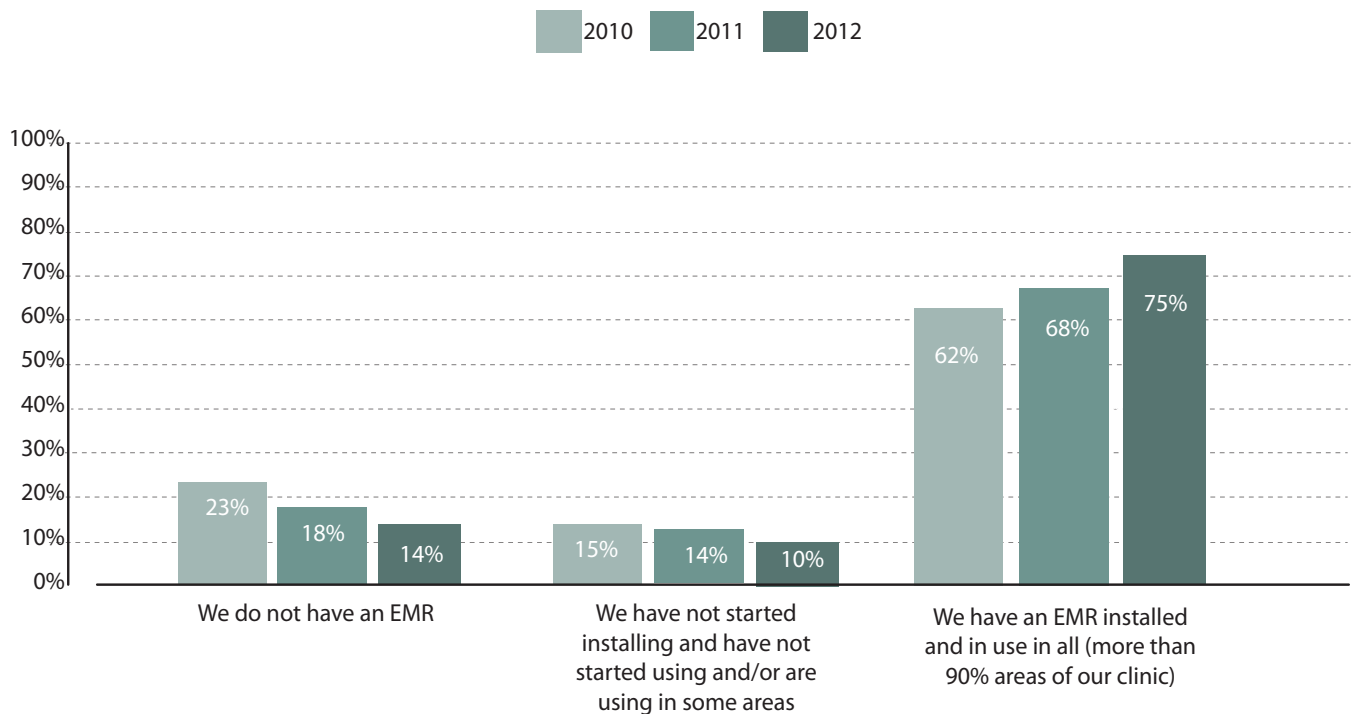
Doctors, hospitals, laboratories and pharmacies that use HIT can document and share information about the care they provide. This can be helpful if a patient sees multiple doctors or has a medical condition that requires specific types of care.

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.



## Health Information Technology Measures

### EHR Adoption for Clinics Over Time



This report is based on clinic staff responses to the *2012 Health Information Technology (HIT) Ambulatory Clinic Survey*, conducted by MN Community Measurement. The survey was sent to all clinics in Minnesota and bordering states in early 2012 and the response rate was 83%.

The chart above represents the percent of clinics in each EHR adoption category. The total number of clinics responding to the HIT survey in 2010 was 1,198; the total number of clinics responding in 2011 was 1,313; and the total number in 2012 was 1,247. In 2012, 75 percent of clinics had an EHR installed and in use in all of their clinics, compared to 68 percent of clinics in 2011 and 62% in 2010.

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 15 through March 15, 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

Our hospital 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)). 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. 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.
- *Patient Safety Composite* - This measure is used to assess the number of potentially preventable adverse events



# Hospital Measures

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

**Heart failure (HF) process of care measures.** Heart failure is the most common hospital admission diagnosis in patients age 65 or older. It is associated with several functional impairments and high rates of 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)
- Adult smoking cessation advice/counseling (HF-4)
- 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:

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

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

## **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

**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 HCAHPS® 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.

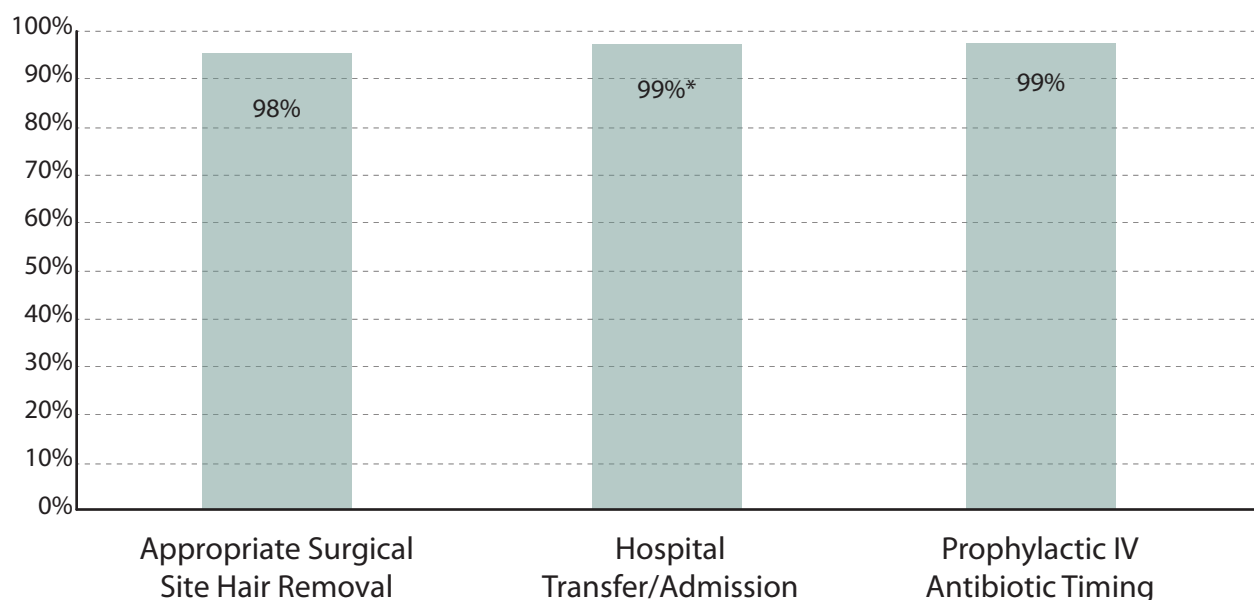
### Prophylactic IV Antibiotic Timing

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 statewide rate for the three Ambulatory Surgery Center measures are shown below in Figure 20. The statewide rate for Appropriate Surgical Site Hair Removal is 98%. The statewide rate for Hospital Transfer/Admission is 99%\*. The statewide rate for Prophylactic IV Antibiotic Timing is 99%.

*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 Surgery 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 2011 to 2012, 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 eighteen of the twenty-one measures that had performance rates that could be compared to last year. Of those eighteen measure, thirteen measures (Optimal Diabetes Care, 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, Use of Spirometry Testing in the Assessment and Diagnosis of COPD, Follow-up Care for Children Prescribed ADHD Medication, Appropriate Testing for Children with Pharyngitis, Appropriate Treatment for Adult Bronchitis, Colorectal Cancer Screening, and Childhood Immunization Status - combo 3) had a statewide rate that increased, and five measures (Controlling High Blood Pressure, Appropriate Treatment for Children with URI, Breast Cancer Screening, Cervical Cancer Screening, and Chlamydia Screening) had a statewide rate that decreased.

This was the second year of data collection for four measures newly reported in 2011: Optimal Asthma Care - children ages 5-17, Optimal Asthma Care - adults ages 18-50, Colorectal Cancer Screening, and Follow-up Care for Children Prescribed ADHD Medication. The 2012 statewide rate for each of these measures significantly increased from 2011. 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 Colorectal Cancer Screening increased from 64 percent in 2011 to 68 percent in 2012, translating into almost 41,000 more patients appropriately screened. The statewide rate for Follow-up for Children Prescribed ADHD Medication increased from 38 percent to 41 percent, translating into 145 more children given a follow-up visit during the recommended timeframe after starting a new ADHD medication.

The statewide rate for the Use of Spirometry Testing in the Assessment and Diagnosis of COPD measure continued to increase and over the past three years the rate has increased from 35 percent in 2010 to 40 percent in 2012, translating into about 400 more patients appropriately tested. The statewide rate for the Appropriate Testing for Children with Pharyngitis measure has increased over the past seven years from 82 percent in 2006 to 89 percent in 2012, translating into more than 3,100 more patients appropriately tested.

Results for the “Staying Healthy” measures show that there is room for improvement. Statewide rates for both Breast Cancer Screening and Cervical Cancer Screening have decreased by about 3 percentage points over the past 9 years. The rate for the Childhood Immunization Status-Combo 3 measure has increased over the past 7 years, but the rate has fluctuated between years, suggesting that this measure should still be an area of focus.

Each of the statewide averages for the four depression measures achieved slight increases. While there is large 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	2012 Statewide Average (2011 Dates of Service)	Percentage Point Change Statewide 2011 vs. 2012	Percentage Point Change Over Time
<b>"Living with Illness" measures</b>			
<b>Optimal Diabetes Care *</b> (Clinic Level Results)	38.2%	1.2 ↑	N/A
<b>Optimal Vascular Care *</b> (Clinic Level Results)	49.4%	N/A	N/A
<b>Depression Remission at Six Months</b> (Clinic Level Results)	6.1%	0.9 ↑	1.9 ↑ (4 Years)
<b>Depression Response at Six Months</b> (Clinic Level Results)	10.5%	1.3 ↑	N/A
<b>Depression Remission at Twelve Months</b> (Clinic Level Results)	5.1%	0.3 ↑	0.6 ↑ (3 Years)
<b>Depression Response at Twelve Months</b> (Clinic Level Results)	8.7%	0.5 ↑	N/A
<b>Controlling High Blood Pressure*</b> (Medical Group Level Results)	75.0%	0.4 ↓	9.5 ↑ (6 Years)
<b>Optimal Asthma Care- Children Ages 5-17*</b> (Clinic Level Results)	37.2%	12.9 ↑	N/A
<b>Optimal Asthma Care- Adults Ages 18-50*</b> (Clinic Level Results)	30.2%	14.5 ↑	N/A
<b>Use of Spirometry Testing in the Assessment and Diagnosis of COPD</b> (Medical Group Level Results)	39.6%	0.7 ↑	5.1 ↑ (3 Years)
<b>Follow-Up Care for Children Prescribed ADHD Medication</b> (Medical Group Level Results)	41.0%	2.9 ↑	N/A
<b>"Getting Better" measures</b>			
<b>Appropriate Treatment for Children with URI</b> (Medical Group Level Results)	87.9%	1.1 ↓	1.2 ↑ (7 years)
<b>Appropriate Treatment for Children with Pharyngitis</b> (Medical Group Level Results)	88.9%	0.6 ↑	7.1 ↑ (7 years)
<b>Appropriate Treatment for Adult Bronchitis</b> (Medical Group Level Results)	20.4%	0.8 ↑	1.1 ↑ (4 years)
<b>"Staying Healthy" measures</b>			
<b>Breast Cancer Screening (Mammograms)</b> (Medical Group Level Results)	72.7%	0.5 ↓	2.6 ↓ (9 Years)
<b>Cervical Cancer Screening (Pap test)</b> (Medical Group Level Results)	74.8%	1.2 ↓	3.0 ↓ (9 Years)
<b>Colorectal Cancer Screening*</b> (Clinic Level Results)	67.6%	3.9 ↑	N/A
<b>Chlamydia Screening (Ages 16-24)</b> (Medical Group Level Results)	48.8%	0.6 ↓	1.5 ↑ (4 Years)
<b>Childhood Immunization Status (Combo 3) *</b> (Medical Group Level Results)	77.6%	6.2 ↑	25.9 ↑ (7 Years)
<b>Adolescent Immunizations *</b> (Medical Group Level Results)	53.4%	N/A	N/A
<b>"Care That Protects Patients from Medical Errors and Does Not Cause Harm"</b>			
<b>Maternity Care: Primary C-Section Rate</b> (Clinic Level Results)	25.9%	N/A	N/A

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

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

## Highest Performers in 2012 by Medical Group Type for Clinical Measures

The following tables 22A-21D list the high performing medical groups by type based on the clinical measures on which they were reported. These groups had above-average rates on most clinical measures.

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

**Table 22A: High Performing Medical Groups in 2012 - Primary Care**

Measure	Health Partners Clinics 15 out of 19	Entira Family Clinics 12 out of 19	Fairview Health Services 11 out of 19	HealthEast Clinics 10 out of 19	Park Nicollet Health Services 10 out of 19	Quello Clinic 10 out of 19
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		●				●
Maternity Care: Primary C-Section	●		●			
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 2012 by Medical Group Type for Clinical Measures

Three of thirteen 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 2012 - 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.

Four of twenty-one 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 2012 - Pediatric**

Medical Group	Optimal Asthma Care	Chlamydia Screening	URI	Pharyngitis	Childhood Immunization	Adolescent Immunization	ADHD
Partners in Pediatrics - Children's Physician Network 5 out of 7	●		●	●	●		●
Fridley Children's & Teenagers Medical Center - Children's Physician Network 4 out of 7	●		●	●	●		
South Lake Pediatrics 4 out of 7	●		●	●			●
Southdale Pediatric Associates, Ltd. 4 out of 7	●		●	●			●

● = Medical group rate and CI fully above average

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



## Highest Performers in 2012 by Medical Group Type for Clinical Measures

Three of twenty 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 2012 - Obstetrics/Gynecology**

Medical Group	Breast Cancer Screening	Colorectal Cancer Screening	Chlamydia Screening	Cervical Cancer Screening	Maternity Care
Partners OB/GYN	●	●	●	●	●
Paul Larson OB/GYN Clinic	●	●	●	●	●
Clinic Sofia OB/GYN	●	●		●	N/A

● = Medical group rate and CI fully above average

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

N/A = Measure not Applicable

## Highest Performers in 2012 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 2012



\* The performance rates have been inverted for comparison purposes. The rates reflect the number of deliveries that were performed vaginally. The Maternity Care: Primary C-Section Rate differs from the other measures in that a lower rate represents better performance.

Medical Group Low/High ♦ Average

## ***Rethinking primary care processes: HealthPartners***

Even among the highest-performing medical groups in this year's *Health Care Quality Report*, HealthPartners Clinics stands out. Including HEDIS and MNCM direct data submission measures, HealthPartners was fully above the average for 15 of 19 measures, including the new maternity measure, Primary C-Section Rate.

The path to this consistent high performance was not a straight line. In one sense it began 12 years ago, when HealthPartners received a competitive grant from the Institute for Healthcare Improvement (IHI) called "Pursuing Perfection," said Beth Waterman, RN, MBA, chief improvement officer at HealthPartners. The grant allowed HealthPartners to redesign primary care. The first hurdle was a difference in approach between the funders and HealthPartners, according to "Pursuing the Triple Aim," by Maureen Bisognano and Charles Kenney, a recently published book from IHI that devotes a chapter to HealthPartners' foundational work creating a system for primary care. The funders were recommending a focus on improving processes in two chronic disease areas, then expanding to five areas, then across the organization. HealthPartners tried, but found that starting with two chronic conditions and then expanding was making care processes more complex instead of simpler, said Nancy Salazar, RN, director of care innovation and measurement at HealthPartners. HealthPartners leadership convinced the funders to allow them to focus instead on "condition-neutral planned care".

What followed was a transformation in how HealthPartners approaches primary care, designs workflows to ensure patients got everything they needed and clearly defines roles for people delivering care, Waterman said.

"After laying that foundation of reducing variation and making sure everyone was doing the same thing, we saw improvement," Waterman said. "We started to see improvements in all of our measures across all of our locations. That was the first time we had really consistently seen that."

Data helped to drive the change, Salazar said. A number of measures and data were developed and tracked on several topics. As a result, "We have a very robust process in which to do that and communicate that out, even at the care team level, it is expected for leadership to review the individual scorecards we produce, where they are at and the improvement plans," she said.

To make these changes required shifts in organizational culture, leadership alignment and standardized processes, Salazar added. The organization now has better ways to ensure that great projects that germinate at one clinic can spread and grow across the organization. For example, the Brooklyn Center Clinic developed a same-day mammogram program that has been so successful at improving screening that it has been incorporated throughout HealthPartners' clinics.

HealthPartners focuses heavily on systems-level thinking for primary care. If there is a change in care for patients with diabetes, "We can identify a group of patients in the electronic medical record system and give them a modifier from a population base, rather than every care team having to add that for each patient," Waterman said.

On the other hand, there is no substitute for focusing on individual patients when examining the impact of their work, such as while the whole care team is reviewing scorecards, as Salazar noted: "We make it real by telling stories about patients who are involved in those improvements, and the benefits of those improvements."

## Future Plans

As a statewide community, Minnesota is moving toward realizing the triple aim, with low-cost, high-quality care provided in a way that satisfies and empowers patients. MN Community Measurement 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. 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. Already this productive collaboration has enabled MNCM to create a clearinghouse of links to the four major health plans and their health-plan specific cost information. The MNHealthScores.org average cost per procedure data is in the process of being refreshed. And the basic Total Cost of Care Common methodology measure specification was approved by the technical advisory group and the MNCM Measurement and Reporting Committee in December 2012. MNCM will continue to work toward reporting a community-wide total cost of care measure in 2013.

### **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. This year's report features a new measure on maternity care, measuring pre-term Cesarean section rates.

We are also trying to support providers using our data for quality improvement by bringing forward useful resources. MNCM has partnered with the Minnesota Health Action Group and the Institute for Clinical Systems Improvement to develop a guide called Help and Healing, a rich resource with information for patients and providers to help patients recover more quickly from depression (<http://www.mnhealthscores.org/helpandhealing>).

### **Full-scale reporting of patient experience in Minnesota**

In partnership with the Minnesota Department of Health, MNCM is excited to launch a statewide measure for clinic-level patient experience of care. This is a statewide measure across a full population, which sets Minnesota apart from other states with patient experience information. This data will help to illuminate how patients feel about care delivered at approximately 800 clinics in Minnesota and surrounding communities. Results will be posted online in summer 2013.

*Continued on next page*

## Future Plans

### **Casting a new light on health disparities**

Minnesota providers are steadily improving their collection and reporting of race, ethnicity and language data to help drive quality improvements that reduce health disparities. As providers surmount technical and organizational barriers, MNCM is moving toward 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 for quality improvement initiatives.

### **In-house quality improvement**

As Minnesota providers improve their own processes, so MNCM is working on improving as an organization. We have undertaken processes to increase transparency and clarify the structure of the measure development process. Our future plans include further improving our measure development process, strengthening the structure of decision-making, increasing communication and enhancing transparency. 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

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## Multispecialty and Primary Care Medical Groups Reported in 2012- (232)

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-Integrity	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 Clinic
Apple Valley Medical Clinic	Farmington Clinic	Mayo Clinic Health System	Sanford Health
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 Lutheran	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- Integrity
Bluestone Physician Services	Hartberg Medical Clinic	Neighborhood Healthsource	St. Croix Regional Medical Center
Boytton 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 Saliterman, MD
Cannon Falls Medical Center - Mayo	Hendricks Community Hospital Assoc.	Northland Family Physicians-Integrity	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-Integrity	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-Integrity	White Family Practice Clinic
Dr. Bobby K. Yang Medical Clinic	Lake City Med. Cntr & Clinic-Mayo Hlth	Range Medical Services, Ltd.	Williams Integracare Clinic
Dulcimer Medical Center	Lake Region Healthcare	Range Regional Health Services dba	Windom Family Medical Center
Duluth Family Practice Center- Integrity	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.-Integrity	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	Richfield Medical Group	



## Other Types of Medical Groups Reported in 2012

### 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 Obstetrics/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 2012

### 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 2012 - (137)

Abbott Northwestern Hospital	Lakewood Health System	Sanford Canby Medical Center
Albany Area Hospital and Medical Center	LifeCare Medical Center	Sanford Jackson Medical Center
Appleton Area Health Services	Madelia Community Hospital	*Sanford Luverne Medical Center
Avera Marshall Regional Medical Center	Madison Hospital	*Sanford Medical Center Wheaton
Bigfork Valley Hospital	Mahnomen Health Center	Sanford Thief River Falls Medical Center
Buffalo Hospital	Maple Grove Hospital	Sanford Tracy Medical Center
Cambridge Medical Center	Mayo Clinic - Rochester Methodist Hospital	Sanford Westbrook Medical Center
CentraCare Health System - Long Prairie	^Mayo Clinic - Saint Marys Hospital	**Sanford Wheaton Medical Center
CentraCare Health System - Melrose	Mayo Clinic Health System in Albert Lea	Sanford Worthington
^Children's Hospitals and Clinics of Minnesota	Mayo Clinic Health System in Austin	**Shriners Hospitals for Children - Minneapolis
Chippewa County-Montevideo Hospital	Mayo Clinic Health System in Cannon Falls	Sibley Medical Center
**Clearwater Health Services	Mayo Clinic Health System in Fairmont	Sleepy Eye Medical Center
Community Memorial Hospital	Mayo Clinic Health System in Lake City	^St. Cloud Hospital
Cook County North Shore Hospital	Mayo Clinic Health System in Mankato	St. Francis Healthcare Campus
Cook Hospital & C&NC	Mayo Clinic Health System in New Prague	St. Francis Regional Medical Center
Cuyuna Regional Medical Center	Mayo Clinic Health System in Springfield	St. Gabriel's Hospital
Deer River HealthCare Center	Mayo Clinic Health System in St. James	St. John's Hospital
District One Hospital	Mayo Clinic Health System in Waseca	St. Joseph's Area Health Services Inc.
Douglas County Hospital	Meeker Memorial Hospital	St. Joseph's Hospital
Ely-Bloomenson Community Hospital	Mercy Hospital	St. Luke's Hospital
Essentia Health Ada	Mille Lacs Health System	St. Michael's Hospital & Nursing Home
Essentia Health Duluth	Minnesota Valley Health Center	Stevens Community Medical Center
Essentia Health Fosston	Murray County Medical Center	Swift County-Benson Hospital
Essentia Health Graceville	New River Medical Center	Tri-County Health Care
Essentia Health Northern Pines	New Ulm Medical Center	Tyler Healthcare Center/Avera
Essentia Health Sandstone	^North Memorial Medical Center	**U.S. PHS Indian Hospital - Cass Lake
Essentia Health St. Joseph's Medical Center	North Valley Health Center	**U.S. PHS Indian Hospital - Red Lake
Essentia Health St. Mary's Hospital - Detroit Lakes	Northfield Hospital	United Hospital
^Essentia Health St. Mary's Medical Center	Olmsted Medical Center	United Hospital District
Fairview Lakes Health Services	Ortonville Area Health Services	Unity Hospital
Fairview Northland Medical Center	Owatonna Hospital	University of Minnesota Medical Center, Fairview
Fairview Red Wing Medical Center	Park Nicollet Methodist Hospital	Virginia Regional Medical Center
Fairview Ridges Hospital	Paynesville Area Health Care System	Windom Area Hospital
Fairview Southdale Hospital	Perham Health	Winona Health Services
**Fairview University Medical Center - Mesabi	Phillips Eye Institute	Woodwinds Health Campus
FirstLight Health System	Pipestone County Medical Center	
Gillette Children's Specialty Healthcare	Prairie Ridge Hospital and Health Services	
Glacial Ridge Health System	Rainy Lake Medical Center	
Glencoe Regional Health Services	*Range Regional Health Services	*Reported AHRQ Measures only
Grand Itasca Clinic and Hospital	RC Hospital & Clinics	**Reported CMS Measures only
Granite Falls Municipal Hospital & Manor	Redwood Area Hospital	^Reported AHRQ, CMS, and VON Measures
Hendricks Community Hospital Association	Regina Medical Center	
^Hennepin County Medical Center	Regions Hospital	
Hutchinson Area Health Care	Rice Memorial Hospital	
Johnson Memorial Health Services	Ridgeview Medical Center	
Kittson Memorial Healthcare Center	River's Edge Hospital & Clinic	
Lake Region Healthcare	RiverView Health	
Lake View Memorial Hospital	Riverwood Healthcare Center	
**Lakeside Medical Center	Saint Elizabeth's Medical Center	
Lakeview Hospital	Sanford Bagley Medical Center	
LakeWood Health Center	Sanford Bemidji Medical Center	

***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, Colorectal Cancer Screening, and Maternity Care: Primary C-Section Rate 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, Colorectal Cancer Screening, and Maternity Care: Primary C-Section Rate a portion of records could not identify insurance product type (roughly 10% of the total). In an attempt to include all records in the risk adjustment formula, these unidentified patient records were redistributed for each clinic in the same proportion as their identified counts were originally distributed. A simple average of the rates from each clinic's unidentified category was attached to their 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
Fairview Rosemount Clinic	60.0%	56.8%	200	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	59.6%	55.6%	322	Total Population
Richard Schoewe MD	59.2%	55.7%	49	Total Population
Park Nicollet Clinic - Golden Valley	59.2%	57.3%	612	Total Population
Park Nicollet Clinic - Prairie Center	58.5%	56.3%	316	Total Population
Catalyst Medical Clinic	58.3%	54.5%	60	Sample
Park Nicollet Clinic - Maple Grove	57.7%	57.3%	607	Total Population
Fairview Oxboro Clinic	57.6%	57.6%	1148	Total Population
Edina Sports Health & Wellness	56.8%	52.7%	125	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	56.0%	54.2%	1544	Total Population
Park Nicollet Clinic - Burnsville	55.6%	55.5%	1361	Total Population
Mankato Clinic - Mapleton	55.5%	50.0%	101	Total Population
Allina Medical Clinic - Eagan	55.1%	55.1%	539	Total Population
Allina Medical Clinic - The Doctors Uptown	54.9%	55.2%	264	Total Population
Allina Medical Clinic - Ramsey	54.9%	53.3%	674	Total Population
Allina Medical Clinic - Buffalo	54.5%	54.2%	663	Total Population
Entira Family Clinics - West St. Paul	54.4%	52.8%	467	Total Population
Park Nicollet Clinic - Shorewood	54.2%	52.2%	271	Total Population
France Avenue Family Physicians	53.9%	53.5%	362	Total Population
Quello Clinic - Edina	53.8%	53.5%	366	Total Population
Affiliated Community Medical Centers - New London Clinic	53.6%	51.1%	194	Total Population
HealthPartners - Cottage Grove	53.5%	51.9%	99	Total Population
Park Nicollet Clinic - Plymouth	53.3%	51.6%	548	Total Population
Fairview Bass Lake Clinic	53.1%	53.1%	147	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	53.0%	52.4%	296	Total Population
Aspen Medical Group - Highland	53.0%	53.3%	219	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	52.9%	52.3%	289	Total Population
Allina Medical Clinic - Champlin	52.9%	51.1%	650	Total Population
Park Nicollet Clinic - Wayzata	52.5%	49.7%	547	Total Population
Cromwell Medical Clinic-Integrity Health	52.5%	51.0%	61	Total Population
Allina Medical Clinic - Brooklyn Park	52.3%	52.7%	151	Total Population
Mayo Clinic Health System Mankato Northridge	52.1%	50.9%	397	Total Population
Park Nicollet Clinic - Chanhassen	52.0%	50.3%	763	Total Population
Quello Clinic - Chanhassen	51.9%	51.0%	81	Total Population
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	51.9%	47.2%	108	Total Population
Mayo Clinic Health System Mankato Eastridge	51.8%	52.1%	498	Total Population
Allina Medical Clinic - Shoreview	51.7%	49.6%	640	Total Population
Entira Family Clinics - Vadnais Heights	51.7%	50.4%	327	Total Population
Allina Medical Clinic - Blaine	51.6%	50.0%	275	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	51.6%	51.5%	1095	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	51.6%	49.3%	376	Total Population
Park Nicollet Clinic - Eagan	51.6%	51.9%	710	Total Population
Allina Medical Clinic - West St. Paul	51.5%	50.8%	931	Total Population
Entira Family Clinics - Shoreview	51.4%	52.0%	278	Total Population
Allina Medical Clinic - Crossroads Chaska	51.4%	50.3%	354	Total Population
Entira Family Clinics - Inver Grove Heights	51.4%	48.1%	512	Total Population
Park Nicollet Clinic - Carlson	51.4%	49.4%	773	Total Population
Fairview RidgeValley Clinic	51.1%	49.8%	278	Total Population
HealthEast - Midway	50.9%	49.5%	515	Total Population
Allina Medical Clinic - Coon Rapids	50.8%	49.8%	3374	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Entira Family Clinics - Highland	50.6%	49.3%	314	Total Population
HealthPartners - Roseville	50.6%	48.0%	354	Total Population
University of Minnesota Physicians - Mill City Clinic	50.6%	49.3%	89	Total Population
Allina Medical Clinic - Northfield	50.3%	49.8%	827	Total Population
HealthEast - Cottage Grove	50.3%	49.0%	577	Total Population
Allina Medical Clinic - West Health Campus	50.1%	50.3%	467	Total Population
HealthPartners - Arden Hills	50.1%	47.7%	553	Total Population
Southdale Internal Medicine, P.A.	50.0%	45.5%	60	Sample
Mayo Clinic Health System Grand Meadow	50.0%	47.0%	66	Total Population
Quello Clinic - Burnsville	49.8%	49.5%	436	Total Population
HealthPartners - Elk River	49.8%	50.5%	400	Total Population
Allina Medical Clinic - Forest Lake	49.7%	48.3%	791	Total Population
Allina Medical Clinic - Isles	49.7%	49.8%	316	Total Population
Allina Medical Clinic - Kokato	49.7%	49.2%	151	Total Population
Fairview Eagan Clinic	49.7%	49.3%	584	Total Population
Essentia Health - Ely Clinic	49.6%	47.1%	405	Total Population
Entira Family Clinics - Maplewood/Battle Creek	49.5%	47.2%	487	Total Population
Olmsted Medical Center - Pine Island Clinic	49.1%	48.8%	112	Total Population
Mankato Clinic - North Mankato	48.8%	47.1%	379	Total Population
Northwest Family Physicians - Plymouth	48.7%	47.1%	277	Total Population
Mayo Clinic Health System Lake City	48.6%	48.1%	364	Total Population
Allina Health System - Abbott NW General Med. Assoc. - Edina	48.6%	48.5%	453	Total Population
CentraCare - St. Joseph	48.5%	46.6%	198	Total Population
Ridgeview Chaska Clinic	48.4%	44.2%	31	Total Population
Allina Medical Clinic - Hastings (Nininger)	48.4%	45.0%	430	Total Population
Multicare Associates - Fridley Medical Center	48.3%	46.6%	60	Sample
Raiter Clinic-Integrity Health	48.3%	45.8%	60	Sample
Entira Family Clinics - Woodbury	48.3%	46.2%	499	Total Population
Entira Family Clinics - East Side	48.2%	48.3%	398	Total Population
Aspen Medical Group - White Bear Lake	48.1%	45.1%	208	Total Population
Allina Medical Clinic - St. Michael	48.1%	46.1%	181	Total Population
Allina Medical Clinic - Cottage Grove	48.0%	47.8%	926	Total Population
Mayo Clinic - Northwest	47.7%	45.8%	283	Total Population
Allina Medical Clinic - Farmington	47.6%	46.9%	311	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	47.6%	47.3%	124	Total Population
Apple Valley Medical Clinic - Family Practice	47.3%	45.8%	867	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health	47.1%	47.3%	70	Total Population
Northwest Family Physicians - Rogers	47.1%	45.4%	242	Total Population
Northland Family Physicians-Integrity Health	47.1%	46.1%	68	Total Population
Allina Medical Clinic - United Medical Specialties	47.0%	48.5%	2169	Total Population
HealthPartners - Coon Rapids	47.0%	47.4%	847	Total Population
Allina Medical Clinic - Nicollet Mall	47.0%	46.4%	530	Total Population
Allina Medical Clinic - Edina	47.0%	48.2%	462	Total Population
HealthPartners - Hlth Ctr for Women	47.0%	46.7%	296	Total Population
Allina Medical Clinic - Annandale	47.0%	48.4%	164	Total Population
Allina Medical Clinic - Hastings (W First St)	46.9%	45.5%	799	Total Population
Burnsville Family Physicians	46.8%	47.7%	278	Total Population
HealthPartners - Andover	46.7%	46.1%	587	Total Population
HealthEast - Woodbury	46.7%	45.8%	797	Total Population
Allina Medical Clinic - Woodbury	46.6%	45.1%	1005	Total Population

△ Endocrinology



## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - White Bear Lake	46.6%	44.8%	436	Total Population
Fairview EdenCenter Clinic	46.5%	48.0%	557	Total Population
Mayo Clinic - Kasson	46.5%	45.6%	583	Total Population
Park Nicollet Clinic - Prior Lake	46.3%	46.9%	229	Total Population
Park Nicollet Clinic - Shakopee	46.3%	47.2%	819	Total Population
Allina Medical Clinic - Woodlake	46.3%	45.8%	750	Total Population
HealthEast - Downtown St. Paul	46.3%	44.1%	560	Total Population
Gundersen Lutheran - La Crescent Clinic	46.2%	44.1%	91	Total Population
Park Nicollet Clinic - Brookdale	46.1%	47.2%	1632	Total Population
Essentia Health - West Duluth Clinic	46.0%	46.0%	752	Total Population
Fairview Lakeville Clinic	46.0%	47.1%	161	Total Population
Entira Family Clinics - North St. Paul	45.9%	44.1%	701	Total Population
Allina Medical Clinic - Faribault	45.9%	45.4%	985	Total Population
Allina Medical Clinic - Maple Grove	45.8%	44.8%	332	Total Population
Aspen Medical Group - Hopkins	45.8%	45.3%	153	Total Population
Northwest Family Physicians - Crystal	45.7%	44.7%	691	Total Population
Mayo Clinic Health System Plainview	45.6%	44.6%	68	Total Population
Mayo Clinic Health System Owatonna	45.6%	44.7%	1685	Total Population
HealthPartners - Como	45.5%	44.8%	811	Total Population
HealthPartners Central Minnesota Clinics	45.4%	45.6%	1004	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	45.4%	43.7%	269	Total Population
Park Nicollet Clinic - Bloomington	45.3%	44.3%	642	Total Population
Mayo Clinic Health System St. Peter	45.3%	44.3%	375	Total Population
Essentia Health - Deer River Clinic	45.2%	44.6%	398	Total Population
CentraCare River Campus-Internal Medicine	45.1%	42.2%	1055	Total Population
Fairview Ridges Clinic	45.1%	44.4%	905	Total Population
Mayo Clinic Health System Waseca	45.1%	44.6%	406	Total Population
Essentia Health - Duluth Clinic 1st St	44.9%	44.3%	1339	Total Population
HealthEast - Hugo	44.8%	41.2%	116	Total Population
Mayo Clinic Health System Faribault Hwy 60	44.8%	42.0%	250	Total Population
Fairview Maple Grove Medical Center	44.8%	46.9%	364	Total Population
Fairview Highland Park Clinic	44.7%	45.3%	360	Total Population
Fairview Crosstown Clinic	44.7%	43.7%	414	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	44.6%	44.2%	625	Total Population
North Memorial Clinic - Maple Grove	44.6%	43.1%	469	Total Population
HealthPartners - Bloomington	44.5%	44.9%	713	Total Population
Mayo Clinic Health System Springfield	44.4%	43.9%	239	Total Population
HealthPartners - Woodbury	44.3%	44.5%	945	Total Population
HealthPartners - Brooklyn Center	44.3%	46.0%	864	Total Population
Fairview Chisago Lakes Clinic	44.3%	43.4%	334	Total Population
Allina Medical Clinic - Shakopee	44.3%	44.5%	510	Total Population
Olmsted Medical Center - Byron Clinic	44.2%	45.8%	138	Total Population
FirstLight Health System - Mora	44.2%	43.3%	457	Total Population
Essentia Health - Hermantown Clinic	44.1%	42.9%	535	Total Population
Mayo Clinic - Northeast	44.1%	40.9%	501	Total Population
Fairview Andover Clinic	44.0%	43.7%	669	Total Population
Allina Medical Clinic - Elk River	43.8%	43.0%	441	Total Population
Stillwater Medical Group - Curve Crest Clinic	43.7%	43.0%	1690	Total Population
Essentia Health - Hibbing Clinic	43.6%	42.0%	597	Total Population
FirstLight Health System - Pine City	43.6%	43.2%	62	Total Population

△ Endocrinology



## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Olmsted Medical Center - Spring Valley Clinic	43.5%	42.8%	145	Total Population
Mayo Clinic Health System Montgomery	43.3%	42.1%	60	Sample
HealthPartners - Anoka	43.3%	42.4%	926	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	43.3%	42.4%	291	Total Population
Fairview North Branch Clinic	43.1%	42.1%	355	Total Population
Fairview Milaca Clinic	43.1%	42.1%	260	Total Population
Essentia Health - Aurora Clinic	43.1%	43.7%	339	Total Population
Affiliated Community Medical Centers - Willmar Clinic	43.1%	43.0%	1314	Total Population
Quello Clinic - Lakeville	43.0%	41.3%	365	Total Population
Sanford New York Mills Clinic	43.0%	43.2%	128	Total Population
CentraCare - Becker	42.9%	43.1%	163	Total Population
HealthPartners - Apple Valley	42.9%	44.0%	485	Total Population
Ridgeview Chanhassen Clinic	42.9%	43.1%	280	Total Population
CentraCare Health Plaza-Internal Medicine	42.8%	39.5%	449	Total Population
Sanford South Moorhead Internal Medicine	42.7%	42.3%	370	Total Population
HealthPartners - Maplewood	42.5%	43.6%	695	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	42.4%	42.4%	436	Total Population
Allina Health System - New Ulm Medical Center	42.4%	41.6%	981	Total Population
Mankato Clinic - Wickersham Campus	42.4%	39.6%	354	Total Population
Allina Medical Clinic - Cambridge Medical Center	42.3%	41.6%	1623	Total Population
HealthPartners - Riverside	42.1%	44.3%	896	Total Population
Olmsted Medical Center - Preston Clinic	42.0%	42.4%	138	Total Population
Affiliated Community Medical Centers - Marshall (Market St.)	42.0%	41.7%	774	Total Population
Mayo Clinic Health System Wabasha	41.9%	37.2%	234	Total Population
Family Practice Medical Center of Willmar	41.9%	41.7%	516	Total Population
Aspen Medical Group - Bandana Square	41.9%	41.6%	1135	Total Population
Sanford Black Duck Clinic	41.8%	40.0%	110	Total Population
HealthPartners - Inver Grove Heights	41.7%	41.8%	336	Total Population
Multicare Associates - Roseville Medical Center	41.7%	41.4%	60	Sample
CentraCare Health System Melrose	41.5%	40.4%	277	Total Population
Allina Medical Clinic - North Branch	41.3%	39.0%	75	Total Population
Rainy Lake Medical Center	41.2%	40.4%	507	Total Population
Essentia Health - Lakeside Clinic	41.1%	40.9%	409	Total Population
Fairview CedarRidge Clinic	40.9%	41.2%	650	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	40.8%	40.3%	1547	Total Population
Sanford Bemidji Main Clinic Internal Medicine	40.5%	39.3%	665	Total Population
Quello Clinic - Savage	40.3%	40.3%	186	Total Population
HealthEast - Oakdale	40.2%	39.6%	557	Total Population
HealthEast - Vadnais Heights	40.1%	38.7%	394	Total Population
Entira Family Clinics - Como/Roseville	40.0%	39.5%	360	Total Population
Range Reg. Hlth Services dba Fairview Mesaba- Mountain Iron	40.0%	39.7%	60	Sample
Mayo Clinic Health System Mankato Specialty Clinic	40.0%	38.3%	665	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health	40.0%	39.3%	70	Total Population
Fairview Brooklyn Park Clinic	39.9%	41.5%	819	Total Population
Sanford Mahnommen Clinic	39.8%	41.2%	88	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	39.8%	37.9%	322	Total Population
North Memorial Clinic - Northeast Family Physicians	39.6%	40.7%	169	Total Population
Scenic Rivers Health Services - Northome	39.6%	40.2%	48	Total Population
HealthPartners - Lino Lakes	39.5%	41.3%	266	Total Population
HealthPartners - West	39.5%	39.2%	451	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Ridgeview Westonka Clinic	39.5%	38.2%	451	Total Population
Fairview Zimmerman Clinic	39.5%	40.3%	190	Total Population
FirstLight Health System - Hinckley	39.3%	39.2%	140	Total Population
Ridgeview Delano Clinic	39.2%	38.1%	194	Total Population
Sanford Thief River Falls Clinic	39.1%	35.6%	971	Total Population
Mayo Clinic Health System Janesville	39.1%	38.3%	46	Total Population
Hendricks Clinic	39.1%	38.8%	115	Total Population
Olmsted Medical Center - Plainview Clinic	39.0%	39.1%	82	Total Population
Fairview Lakes Medical Center	38.9%	37.7%	1012	Total Population
Mayo Clinic Health System Cannon Falls	38.9%	36.1%	139	Total Population
Fairview Princeton Clinic	38.8%	38.0%	734	Total Population
Sanford Westbrook Clinic	38.8%	36.5%	85	Total Population
HealthEast - Eagan	38.7%	37.8%	31	Total Population
Park Nicollet Clinic - Creekside	38.7%	42.1%	163	Total Population
Mayo Clinic Health System Le Sueur	38.6%	39.1%	166	Total Population
Fairview Blaine Clinic	38.5%	38.5%	403	Total Population
Gateway Family Health Clinic - Hinckley	38.5%	28.9%	39	Total Population
North Memorial - Silver Lake Clinic Blaine	38.4%	36.0%	224	Total Population
Olmsted Medical Center - St. Charles Clinic	38.4%	39.0%	86	Total Population
Fairview Hiawatha Clinic	38.3%	38.9%	514	Total Population
Lakeview Clinic - Norwood	38.3%	37.4%	60	Sample
Sanford South Moorhead Family Medicine	38.2%	38.0%	322	Total Population
Fairview Northeast Clinic	38.2%	39.0%	529	Total Population
Fairview Red Wing Medical Center	38.0%	36.9%	1140	Total Population
HealthEast - Maplewood	38.0%	37.7%	337	Total Population
CentraCare - Heartland	37.9%	37.2%	501	Total Population
Park Nicollet Clinic - Minneapolis	37.9%	39.4%	768	Total Population
Fairview Lino Lakes Clinic	37.8%	37.6%	278	Total Population
Mayo Clinic Health System St. James	37.7%	38.0%	212	Total Population
HealthPartners - Ctr for Internatl Hlth	37.7%	40.4%	305	Total Population
Fairview Fridley Clinic	37.6%	37.7%	984	Total Population
Fairview Uptown Clinic	37.4%	37.6%	273	Total Population
Aspen Medical Group - Bloomington	37.3%	36.7%	617	Total Population
Aspen Medical Group - Maplewood	37.2%	36.9%	777	Total Population
St. Cloud Medical Group - South - Integrity Health	37.1%	34.1%	70	Total Population
Mankato Clinic - Daniel's Health Center	36.9%	37.3%	149	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	36.9%	36.9%	255	Total Population
Sanford East Grand Forks Clinic	36.8%	35.8%	296	Total Population
HealthPartners - Adult & Seniors Health	36.8%	38.1%	1061	Total Population
North Memorial Clinic - Golden Valley Physicians	36.7%	36.7%	398	Total Population
Steven Saliterman, MD	36.7%	34.6%	60	Sample
Mark P. Stesin, MD, PA Robbinsdale	36.7%	39.9%	60	Sample
Essentia Health St. Joseph's - Brainerd Clinic	36.7%	30.6%	60	Sample
Essentia Health - Lakewalk Clinic	36.5%	34.9%	148	Total Population
North Memorial Clinic - Camden Physicians, Mpls	36.5%	35.5%	255	Total Population
Aspen Medical Group - Inver Grove Heights	36.4%	35.6%	412	Total Population
Mankato Clinic - Main Street	36.4%	36.1%	808	Total Population
Sanford Lakefield Clinic	36.2%	31.4%	47	Total Population
Gateway Family Health Clinic - Sandstone	36.1%	36.0%	227	Total Population
Mayo Clinic Health System Lamberton	36.1%	37.6%	36	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
North Memorial - Silver Lake Clinic St. Anthony	36.0%	34.6%	433	Total Population
North Memorial Clinic - Elk River Physicians	36.0%	35.8%	211	Total Population
University of Minnesota Physicians - Smiley's Clinic	35.8%	37.8%	391	Total Population
Neighborhood Healthsource - Sheridan	35.7%	36.5%	42	Total Population
HealthPartners - St Paul	35.7%	37.7%	970	Total Population
North Clinic - Maple Grove Office	35.6%	34.4%	87	Sample
△ Park Nicollet Clinic - St. Louis Park Endocrinology	35.5%	36.0%	2719	Total Population
Mayo Clinic Health System Austin	35.3%	34.3%	1327	Total Population
Mankato Clinic - Lake Crystal	35.3%	33.6%	85	Total Population
North Memorial Clinic - Brooklyn Park Physicians	35.3%	36.5%	519	Total Population
Olmsted Medical Center - Rochester Northwest	35.3%	35.7%	156	Total Population
HealthEast - Rice Street	35.2%	36.7%	520	Total Population
Mayo Clinic Health System Kiester	35.2%	34.6%	54	Total Population
Aspen Medical Group - East Lake Street	35.0%	36.8%	254	Total Population
Multicare Associates - Blaine Medical Center	35.0%	35.1%	60	Sample
Richfield Medical Group	35.0%	32.1%	60	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	35.0%	35.3%	60	Sample
Life Medical	35.0%	34.1%	60	Sample
Glencoe Regional Health Services - Lester Prairie	35.0%	35.0%	60	Sample
HealthPartners - Midway	34.9%	37.7%	473	Total Population
Hutchinson Medical Center	34.9%	34.4%	1084	Total Population
Fairview Elk River Clinic	34.8%	36.0%	420	Total Population
HealthPartners - Specialty Center 401	34.6%	34.2%	791	Total Population
Mayo Clinic Health System Fairmont	34.6%	33.5%	842	Total Population
Edina Family Physicians, P.A.	34.4%	33.1%	61	Sample
Brooten Medical Center	34.4%	37.1%	32	Total Population
Sanford Tracy Clinic	34.3%	31.8%	67	Sample
Scenic Rivers Health Services - Bigfork/Big Falls	34.3%	33.5%	210	Total Population
Kittson Memorial Clinic - Karlstad	34.3%	34.1%	73	Total Population
Essentia Health - Virginia Clinic	34.2%	33.2%	695	Total Population
Affiliated Community Medical Centers - Benson Clinic	34.1%	33.3%	276	Total Population
Mayo Clinic - Specialty Practice	33.9%	32.5%	3636	Total Population
Fairview Hugo Clinic	33.9%	33.4%	192	Total Population
Fairview Rogers Clinic	33.8%	37.1%	74	Total Population
Essentia Health - Proctor Clinic	33.6%	32.5%	125	Sample
HealthEast - Grand Avenue	33.3%	34.6%	294	Total Population
Avera - Pipestone County Medical Center	33.3%	31.9%	60	Sample
Murray County Clinic	33.3%	31.0%	138	Total Population
Sanford Bagley Clinic	33.3%	34.7%	60	Sample
Affiliated Community Medical Centers - Marshall (Bruce Street)	33.3%	32.7%	99	Total Population
Mayo Clinic Health System Alden	33.3%	32.0%	75	Total Population
Mayo Clinic Health System LeRoy	33.3%	32.4%	42	Total Population
Fairview Columbia Heights Clinic	33.1%	33.2%	863	Total Population
North Memorial Clinic - Minnetonka Physicians	33.1%	33.7%	160	Total Population
CentraCare Health Plaza-Family Medicine	32.7%	32.3%	413	Total Population
Mayo Clinic Health System Lake Crystal (formerly Parkview)	32.7%	31.8%	49	Total Population
North Memorial Clinic - Brooklyn Center Physicians	32.6%	34.7%	236	Total Population
Fairview Jonathan Clinic	32.6%	33.1%	138	Total Population
Bloomington Lake Clinic - Xerxes	32.6%	33.1%	810	Total Population
HealthPartners - Eagan	32.5%	33.6%	40	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Winona Health - Rushford Clinic	32.5%	31.2%	77	Total Population
Olmsted Medical Center - Rochester Southeast	32.4%	33.4%	1405	Total Population
Ridgeview Winsted Clinic	32.3%	33.9%	96	Total Population
Fairview Rush City Clinic	32.2%	31.7%	245	Total Population
Sanford Perham Clinic	32.2%	32.2%	301	Total Population
Mayo Clinic Health System Waterville	32.1%	33.3%	56	Total Population
Sanford Pelican Rapids Clinic	32.0%	32.9%	75	Total Population
Sanford Worthington Clinic	31.9%	32.1%	342	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	31.7%	34.9%	60	Sample
Ridgeview Excelsior Clinic	31.6%	32.4%	98	Total Population
St. Cloud Medical Group - NW- Integrity Health	31.4%	31.0%	70	Total Population
Sanford Bemidji 1611 Anne St Clinic	31.4%	30.5%	357	Total Population
Glencoe Regional Health Services - Stewart	31.4%	30.3%	51	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	31.3%	29.2%	249	Total Population
Sanford Twin Valley Clinic	31.3%	29.0%	48	Total Population
Valley Family Practice	31.2%	31.0%	125	Sample
Sanford Bemidji Main Clinic Family Medicine	31.0%	32.4%	345	Total Population
Mayo Clinic Health System New Richland	30.7%	31.3%	62	Total Population
HealthEast - Roselawn	30.6%	31.9%	448	Total Population
CentraCare Health System Long Prairie	30.5%	29.8%	334	Total Population
Mayo Clinic Health System Albert Lea	30.5%	29.0%	1206	Total Population
AALFA Family Clinic	30.0%	29.4%	180	Total Population
Altru Health System - Warroad	30.0%	29.2%	60	Sample
Range Regional Health Services dba Fairview Mesaba - Hibbing	30.0%	29.5%	60	Sample
Essentia Health Fosston	30.0%	29.8%	60	Sample
Essentia Health St. Joseph's - Crosslake Clinic	30.0%	27.0%	60	Sample
Essentia Health St. Joseph's - Pillager	30.0%	27.4%	60	Sample
△ Endocrinology Clinic of Minneapolis	30.0%	28.9%	80	Sample
Sanford Mountain Lake Clinic	30.0%	31.7%	110	Total Population
North Clinic - Oakdale Office in Robbinsdale	29.9%	28.3%	157	Sample
North Clinic - Osseo Office	29.6%	27.2%	132	Sample
Hartberg Medical Clinic	29.5%	31.9%	122	Total Population
Ortonville Area Health Services-Northside Medical Clinic	29.2%	29.1%	322	Total Population
Essentia Health - Chisholm Clinic	29.2%	29.3%	72	Total Population
Sanford Walker Clinic	29.1%	29.4%	179	Total Population
University of Minnesota Physicians - Primary Care Center	28.9%	29.0%	512	Total Population
St Luke's Clinics-Miller Creek	28.9%	29.2%	45	Total Population
Family Medical Center	28.7%	27.8%	491	Total Population
Essentia Health - Duluth Clinic	28.7%	29.0%	397	Total Population
Sanford Detroit Lakes Clinic	28.6%	29.2%	521	Total Population
North Clinic - WestHealth Office in Plymouth	28.6%	27.7%	84	Sample
Buffalo Clinic P.A.- Buffalo Clinic	28.6%	27.7%	686	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	28.3%	27.6%	1122	Total Population
Longville Lakes Clinic- Integrity Health	28.3%	20.9%	60	Sample
Cuyuna Regional Medical Center-Clinic Services	28.3%	29.4%	60	Sample
Sanford Cass Lake Clinic	28.3%	30.9%	46	Total Population
Renville County Hospital and Clinics - Hector	28.3%	25.4%	46	Total Population
Gundersen Lutheran - Harmony Clinic	28.2%	29.2%	39	Total Population
Glenwood Medical Center	28.0%	27.6%	186	Total Population
Boynton Health Service	27.9%	25.9%	86	Total Population

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Sanford Luverne Clinic	27.7%	27.0%	466	Total Population
Lake Region Healthcare - Battle Lake Clinic	27.7%	23.2%	47	Total Population
Sanford Adrian Clinic	27.4%	27.4%	62	Total Population
New Hope Crystal Medical Clinic	27.4%	30.2%	62	Sample
St Luke's Clinics-Internal Medicine Associates	27.1%	26.8%	734	Total Population
Kittson Memorial Clinic - Hallock	27.1%	26.8%	85	Total Population
△ CentraCare Health Plaza-Endocrinology	27.0%	26.9%	759	Total Population
Fairview Pine City Clinic	27.0%	24.4%	141	Total Population
Range Regional Hlth Services dba Fairview Mesaba - Nashwauk	26.7%	26.2%	60	Sample
Lakeview Clinic - Chaska	26.7%	27.6%	60	Sample
Olmsted Medical Center - Chatfield Clinic	26.7%	26.3%	90	Total Population
Lakewood Health System - Staples Clinic	26.7%	22.8%	60	Sample
Altru Health System - Red Lake Falls	26.7%	22.7%	45	Total Population
Ridgeview Howard Lake Clinic	26.6%	32.0%	64	Total Population
Buffalo Clinic P.A. - Monticello Clinic	26.5%	25.2%	567	Total Population
St Luke's Clinics-Denfeld	26.2%	26.2%	149	Total Population
Sanford Canby Clinic	26.2%	26.4%	65	Sample
Fairview Riverside	26.1%	25.9%	111	Total Population
University of Minnesota Physicians - Bethesda Clinic	26.0%	27.8%	443	Total Population
HCMC Clinics - Internal Medicine Clinic at Parkside	25.9%	27.4%	413	Total Population
University of Minnesota Physicians - Med. Specialties Clinic 6A	25.9%	25.9%	1135	Total Population
Gateway Family Health Clinic - Moose Lake	25.9%	28.1%	468	Total Population
Sibley Medical Center - Gaylord Site	25.8%	25.4%	62	Total Population
St Luke's Clinics-Lester River	25.7%	26.6%	35	Total Population
Fairview Farmington Clinic	25.4%	29.2%	67	Total Population
University of Minnesota Physicians - Phalen Clinic	25.0%	24.8%	384	Total Population
Lakeview Clinic - Watertown	25.0%	24.3%	60	Sample
Healing Spirit Clinic	25.0%	25.3%	36	Total Population
Sibley Medical Center - Arlington Site	25.0%	25.5%	128	Total Population
Mayo Clinic Health System Belle Plaine	25.0%	21.8%	60	Sample
Gundersen Lutheran - Spring Grove Clinic	24.6%	25.2%	69	Total Population
Sanford Jackson Clinic	24.5%	25.7%	49	Total Population
Winona Health - Winona Clinic	24.5%	24.2%	964	Total Population
Buffalo Clinic P.A. - Albertville/St. Michael Clinic	24.0%	23.6%	167	Total Population
United Hospital District Clinic	23.9%	22.3%	348	Total Population
Essentia Health - Graceville Clinic	23.8%	23.5%	63	Sample
Range Medical Services, Ltd.	23.6%	24.9%	106	Total Population
Fairview Red Wing Zumbrota Clinic	23.3%	22.1%	60	Total Population
Altru Health System - Crookston	23.3%	24.6%	60	Sample
Consultants Internal Medicine	23.3%	22.5%	60	Sample
Lakeview Clinic - Waconia	23.3%	23.4%	60	Sample
Glencoe Regional Health Services - Glencoe	23.3%	24.1%	60	Sample
Lakewood Health System - Pillager Clinic	23.3%	25.5%	60	Sample
Hutchinson Area Health Care - Dassel Medical Center	23.3%	22.9%	60	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	23.3%	24.0%	116	Total Population
Paynesville Chain of Lakes Medical Clinic	23.3%	25.8%	86	Total Population
Mayo Clinic Health System Adams	23.0%	21.1%	74	Total Population
Sanford Hawley Clinic	22.7%	21.7%	66	Total Population
△ St Luke's Clinics-Endocrinology Associates	22.7%	21.8%	454	Total Population
Winona Health - Family Medicine	22.4%	21.9%	380	Total Population

△ Endocrinology



## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
St Luke's Clinics-Mount Royal	22.2%	21.9%	99	Total Population
Community-University Health Care Center	21.8%	21.6%	509	Total Population
Renville County Hospital and Clinics - Olivia	21.7%	22.7%	198	Total Population
RiverView Clinic North	21.7%	22.8%	60	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	21.7%	21.2%	60	Sample
Appleton Clinic	21.7%	20.9%	60	Sample
Tyler Medical Clinic	21.7%	22.8%	60	Sample
Sleepy Eye Medical Center	21.7%	21.5%	60	Sample
Avera - United Medical Clinic	21.5%	18.6%	65	Sample
FamilyHealth Medical Clinic - Lonsdale	21.4%	20.8%	112	Total Population
Mid Minnesota Family Medicine Center	21.3%	27.3%	361	Total Population
Sawtooth Mountain Clinic, Inc	21.3%	20.8%	230	Total Population
Stevens Community Medical Center	21.2%	22.4%	66	Sample
HCMC Clinics - Hennepin Center for Senior Care	20.9%	28.8%	43	Total Population
Paynesville Medical Clinic	20.7%	19.4%	305	Total Population
Olmsted Medical Center - Wanamingo Clinic	20.6%	18.7%	34	Total Population
St Luke's Clinics-Laurentian	20.6%	18.8%	107	Total Population
Johnson Memorial Health Services - Dawson Clinic	20.4%	19.0%	93	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield	20.4%	26.3%	333	Total Population
Sanford Windom Clinic	20.4%	20.6%	98	Total Population
Duluth Family Practice Center-Integrity Health	20.3%	35.9%	74	Total Population
Paynesville Eastside Medical Clinic	20.0%	22.5%	30	Total Population
HCMC Clinics - Brooklyn Center	20.0%	23.3%	255	Total Population
Neighborhood Healthsource-Central Clinic	20.0%	30.9%	60	Sample
Grand Itasca Clinic	20.0%	20.6%	80	Sample
Attending Physicians	20.0%	18.4%	60	Sample
St Luke's Clinics-Hibbing Family Medical Clinic	19.3%	19.5%	213	Total Population
Paynesville Richmond Medical Clinic	19.1%	18.0%	110	Total Population
St Luke's Clinics-Bay Area	19.1%	18.2%	63	Total Population
HealthEast Roseville Clinic	18.8%	17.5%	133	Total Population
Avera Worthington Specialty Clinic	18.8%	18.3%	64	Sample
Lake Superior Community Health Center - Duluth	18.6%	27.8%	59	Total Population
St Luke's Clinics-Duluth Internal Medicine Associates	18.6%	18.9%	199	Total Population
Mayo Clinic Health System Wells	18.5%	18.3%	54	Total Population
Essentia Health Ada	18.4%	18.0%	98	Total Population
Essentia Health St. Joseph's - Pine River Clinic	18.3%	19.2%	60	Sample
Riverwood Aitkin Clinic	18.1%	13.5%	83	Total Population
Lake View Clinic - Two Harbors	17.8%	17.4%	180	Total Population
Parkway Family Physicians	17.6%	17.8%	125	Total Population
St. Mary's Innovis Health Clinic - Frazee	17.5%	17.0%	57	Total Population
CentraCare Clinic-Sauk Centre	17.5%	17.1%	103	Total Population
LakeWood Health Center Clinic	17.3%	16.1%	191	Total Population
Renville County Hospital and Clinics - Renville	17.2%	18.0%	64	Sample
Native American Community Clinic	17.1%	17.4%	70	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake	16.9%	19.3%	331	Total Population
NorthPoint Health & Wellness Center	16.9%	16.2%	916	Total Population
△ HCMC Clinics - Hennepin Center for Diabetes & Endocrinology	16.9%	21.3%	930	Total Population
Altru Health System - Roseau	16.7%	17.7%	60	Sample
Parkview Medical Clinic	16.7%	17.8%	60	Sample
Mayo Clinic Health System New Prague	16.7%	17.1%	60	Sample

△ Endocrinology

## Optimal Diabetes Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Hennepin County Medical Center (HCMC) Clinics - Whittier	16.6%	17.4%	815	Total Population
FamilyHealth Medical Clinic - Northfield	15.9%	15.6%	138	Total Population
North Valley Health Center	15.5%	15.7%	71	Total Population
FamilyHealth Medical Clinic - Farmington	15.2%	14.7%	66	Total Population
Neighborhood Healthsource - Fremont Clinic	15.0%	13.7%	60	Sample
Essentia Health St. Joseph's - Pequot Lakes Clinic	15.0%	15.0%	60	Sample
United Family Medicine	14.9%	13.6%	67	Total Population
Altru Health System - Erskine	14.7%	18.0%	34	Total Population
Foley Medical Center	14.3%	15.2%	56	Total Population
Olmsted Medical Center - Stewartville Clinic	14.2%	15.2%	113	Total Population
Integracare Ltd dba Williams Clinic	14.0%	14.1%	136	Total Population
Prairie Ridge Hospital & Health Services - Morris	14.0%	12.4%	172	Total Population
Open Door Health Center	13.9%	28.8%	65	Sample
Stevens Community Medical Center - Starbuck Clinic	13.6%	12.7%	59	Total Population
Southside Medical Clinic	13.4%	23.6%	97	Total Population
Albany Medical Center	13.3%	15.0%	60	Total Population
St. Croix Family Medical Clinic	13.3%	21.0%	45	Total Population
University of Minnesota Physicians - Broadway Family Medicine	12.6%	10.1%	396	Total Population
Scenic Rivers Health Services - Cook	12.4%	12.4%	129	Total Population
VRMC Clinical Services	12.2%	11.7%	49	Total Population
HCMC Clinics - Downtown Medicine Clinic	12.1%	12.7%	1686	Total Population
Sibley Medical Center - Winthrop Site	11.9%	13.4%	42	Total Population
HCMC Clinics - Brooklyn Park Clinic	11.8%	11.7%	119	Total Population
Lakewood Health System - Motley Clinic	11.7%	11.0%	60	Sample
New River Medical Center Physician Clinic	11.4%	11.8%	35	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	11.3%	11.2%	97	Total Population
Hennepin County Medical Center (HCMC) Clinics - Positive Care	11.1%	13.6%	63	Total Population
Riverwood McGregor Clinic	11.1%	10.4%	81	Total Population
Johnson Street Medical Clinic	9.8%	9.6%	82	Total Population
HCMC Clinics - Coordinated Care Clinic	9.7%	35.2%	31	Total Population
Deer River Meridian Medical Clinic	9.5%	9.5%	105	Total Population
Essentia Health St. Joseph's - Pierz Clinic	9.4%	11.1%	53	Total Population
Lakewood Health System - Browerville Clinic	9.3%	10.0%	54	Total Population
St. Mary's Innovis Health - Mahanomen	8.3%	8.4%	48	Total Population
Fairview Riverside Primary Care Clinic	8.0%	20.2%	113	Total Population
Big Lake Clinic	7.5%	7.3%	67	Total Population
Mille Lacs Health System - Onamia	6.7%	4.9%	60	Sample
Scandia Clinic	5.8%	7.9%	52	Total Population
Riverwood Garrison Clinic	5.3%	5.7%	76	Total Population
Bluestone Physician Services	2.9%	2.2%	103	Total Population
Sacred Heart Mercy Health Care Center	0.0%	3.2%	52	Total Population

△ Endocrinology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Mankato Clinic - Lake Crystal	72.2%	67.4%	36	Total Population
Fairview Oxboro Clinic	71.4%	71.9%	370	Total Population
HealthPartners - Roseville	70.6%	70.0%	146	Total Population
HealthPartners - Riverside	69.6%	67.9%	398	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	69.5%	63.9%	105	Total Population
Entira Family Clinics - West St. Paul	69.2%	67.7%	169	Total Population
Mayo Clinic - Northwest	69.2%	67.0%	52	Total Population
Southdale Internal Medicine, P.A.	68.3%	65.7%	60	Sample
Mankato Clinic - Mapleton	67.7%	67.0%	31	Total Population
HealthEast - Hugo	67.7%	63.2%	34	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	67.5%	62.4%	157	Total Population
Park Nicollet Clinic - Eagan	67.3%	64.2%	202	Total Population
HealthPartners - Arden Hills	66.9%	66.1%	154	Total Population
Entira Family Clinics - Maplewood/Battle Creek	66.7%	61.5%	123	Total Population
Edina Sports Health & Wellness	66.7%	61.6%	39	Total Population
+ University of Minnesota Heart - Edina Clinic	66.7%	61.6%	99	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	66.6%	64.2%	634	Total Population
HealthPartners - West	66.1%	61.8%	118	Total Population
Park Nicollet Clinic - Shakopee	65.5%	64.6%	252	Total Population
Allina Medical Clinic - Champlin	65.5%	65.4%	246	Total Population
Park Nicollet Clinic - Prairie Center	65.2%	63.4%	115	Total Population
HealthPartners - Como	65.2%	61.2%	293	Total Population
HealthPartners - Hlth Ctr for Women	65.1%	62.2%	43	Total Population
Mayo Clinic - Northeast	65.1%	61.9%	103	Total Population
Fairview Eagan Clinic	65.0%	65.9%	183	Total Population
Fairview EdenCenter Clinic	65.0%	66.1%	157	Total Population
Park Nicollet Clinic - Wayzata	65.0%	63.0%	274	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	64.9%	63.3%	134	Total Population
Park Nicollet Clinic - Maple Grove	64.7%	64.7%	153	Total Population
Allina Medical Clinic - West Health Campus	64.7%	63.3%	340	Total Population
Aspen Medical Group - White Bear Lake	64.6%	62.2%	79	Total Population
Allina Medical Clinic - Maple Grove	64.4%	64.3%	118	Total Population
Park Nicollet Clinic - Plymouth	64.2%	60.8%	190	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	64.1%	64.4%	343	Total Population
Park Nicollet Clinic - Golden Valley	64.1%	63.7%	287	Total Population
Quello Clinic - Chanhassen	63.9%	58.8%	36	Total Population
Quello Clinic - Edina	63.9%	63.6%	119	Total Population
Allina Medical Clinic - Woodbury	63.6%	61.3%	313	Total Population
Mayo Clinic Health System Lake City	63.5%	61.3%	74	Total Population
HealthEast - Cottage Grove	63.4%	60.7%	202	Total Population
Allina Health System - New Ulm Medical Center	63.3%	62.1%	431	Total Population
Allina Medical Clinic - Buffalo	63.3%	63.1%	332	Total Population
HealthPartners - White Bear Lake	63.2%	62.1%	133	Total Population
Allina Medical Clinic - Shoreview	62.8%	60.3%	247	Total Population
Mankato Clinic - North Mankato	62.7%	59.9%	142	Total Population
Park Nicollet Clinic - Carlson	62.6%	60.1%	246	Total Population
Entira Family Clinics - Inver Grove Heights	62.6%	59.1%	219	Total Population
HealthPartners - Lino Lakes	62.5%	63.4%	64	Total Population
Mayo Clinic Health System Faribault Hwy 60	62.3%	56.6%	61	Total Population
Fairview Crosstown Clinic	62.3%	62.1%	159	Total Population

+ Cardiology



## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Park Nicollet Clinic - Chanhassen	62.2%	58.3%	254	Total Population
Allina Medical Clinic - Hastings (Nininger)	62.1%	59.9%	235	Total Population
Allina Medical Clinic - United Medical Specialties	62.0%	60.5%	226	Total Population
Allina Medical Clinic - Blaine	61.9%	60.3%	126	Total Population
Allina Medical Clinic - Northfield	61.9%	61.2%	370	Total Population
Allina Medical Clinic - Faribault	61.8%	60.6%	314	Total Population
Northwest Family Physicians - Crystal	61.2%	58.7%	129	Total Population
Entira Family Clinics - Highland	61.0%	61.5%	77	Total Population
Aspen Medical Group - Highland	61.0%	57.7%	82	Total Population
HealthEast - Downtown St. Paul	61.0%	59.8%	264	Total Population
Park Nicollet Clinic - Bloomington	60.9%	56.9%	202	Total Population
Entira Family Clinics - Shoreview	60.9%	56.6%	92	Total Population
Fairview Ridges Clinic	60.8%	60.4%	329	Total Population
Entira Family Clinics - Woodbury	60.7%	56.0%	89	Total Population
Allina Medical Clinic - Annandale	60.5%	59.3%	76	Total Population
Fairview Northeast Clinic	60.4%	60.7%	164	Total Population
Entira Family Clinics - Como/Roseville	60.3%	56.3%	63	Total Population
Park Nicollet Clinic - Burnsville	60.3%	59.3%	390	Total Population
Fairview Maple Grove Medical Center	60.2%	60.2%	118	Total Population
Allina Medical Clinic - Edina	60.1%	60.0%	213	Total Population
AALFA Family Clinic	60.0%	58.1%	35	Total Population
Fairview Rosemount Clinic	60.0%	57.9%	55	Total Population
Allina Medical Clinic - Ramsey	59.7%	58.1%	362	Total Population
CentraCare Health Plaza-Internal Medicine	59.7%	55.2%	176	Total Population
HealthPartners - Elk River	59.6%	57.0%	94	Total Population
HealthEast - Woodbury	59.5%	57.8%	254	Total Population
Family Practice Medical Center of Willmar	59.3%	59.5%	118	Total Population
Fairview Chisago Lakes Clinic	59.2%	59.7%	157	Total Population
Allina Medical Clinic - Coon Rapids	59.2%	58.7%	1478	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	59.2%	57.1%	98	Total Population
Allina Medical Clinic - Forest Lake	59.2%	58.5%	360	Total Population
Northwest Family Physicians - Rogers	59.2%	56.8%	71	Total Population
Allina Medical Clinic - Crossroads Chaska	59.2%	58.6%	235	Total Population
Fairview North Branch Clinic	59.0%	59.3%	144	Total Population
Allina Medical Clinic - St. Michael	59.0%	57.9%	78	Total Population
+ Park Nicollet Clinic - Heart and Vascular Center - Cardiology	58.9%	56.6%	292	Total Population
Fairview RidgeValley Clinic	58.9%	55.6%	141	Total Population
Affiliated Community Medical Centers - Willmar Clinic	58.5%	58.6%	246	Total Population
France Avenue Family Physicians	58.5%	55.8%	94	Total Population
HealthPartners - Coon Rapids	58.4%	55.3%	233	Total Population
Allina Medical Clinic - Cokato	58.3%	59.2%	36	Total Population
Olmsted Medical Center - Rochester Northwest	58.3%	57.5%	36	Total Population
Allina Health System - Abbott NW Gen. Med. Assoc. - Edina	58.3%	59.8%	508	Total Population
Mayo Clinic Health System Mankato Eastridge	58.3%	59.8%	103	Total Population
Aspen Medical Group - Bandana Square	58.2%	56.9%	273	Total Population
Allina Medical Clinic - West St. Paul	58.2%	57.5%	364	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	58.1%	54.7%	117	Total Population
HealthPartners - Bloomington	58.1%	58.3%	167	Total Population
Mayo Clinic Health System Mankato Northridge	58.0%	55.2%	50	Total Population
Mankato Clinic - Wickersham Campus	58.0%	55.4%	119	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Farmington	57.9%	55.2%	76	Total Population
Quello Clinic - Burnsville	57.9%	57.8%	95	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	57.9%	57.1%	432	Total Population
Sanford Black Duck Clinic	57.8%	57.2%	45	Total Population
Allina Medical Clinic - Shakopee	57.6%	58.0%	262	Total Population
HealthPartners - Maplewood	57.6%	57.4%	184	Total Population
Allina Medical Clinic - Isles	57.6%	58.0%	125	Total Population
Aspen Medical Group - Hopkins	57.6%	55.3%	66	Total Population
Mayo Clinic Health System Le Sueur	57.6%	58.0%	33	Total Population
HealthPartners - Woodbury	57.5%	57.5%	273	Total Population
Essentia Health - West Duluth Clinic	57.5%	56.0%	247	Total Population
Allina Medical Clinic - Nicollet Mall	57.5%	54.7%	207	Total Population
Richfield Medical Group	57.4%	56.6%	54	Total Population
Olmsted Medical Center - Spring Valley Clinic	57.4%	59.0%	54	Total Population
HealthPartners - Regions Specialty Ctr	57.3%	57.1%	1219	Total Population
HealthPartners - Brooklyn Center	57.3%	59.3%	255	Total Population
North Memorial Clinic - Maple Grove	57.2%	55.5%	290	Total Population
Fairview CedarRidge Clinic	57.2%	57.2%	180	Total Population
Allina Medical Clinic - Elk River	57.0%	56.2%	193	Total Population
Allina Medical Clinic - Woodlake	57.0%	55.4%	358	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	56.8%	56.0%	44	Total Population
Multicare Associates - Roseville Medical Center	56.8%	54.4%	37	Total Population
Northland Family Physicians-Integrity Health	56.8%	55.4%	37	Total Population
North Memorial - Silver Lake Clinic Blaine	56.3%	53.4%	103	Total Population
North Clinic - WestHealth Office in Plymouth	56.3%	53.5%	80	Sample
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	56.3%	55.9%	32	Total Population
North Memorial Heart & Vascular Institute	56.3%	56.1%	80	Total Population
+Allina Health System - Minneapolis Heart Institute Shakopee	56.3%	58.6%	80	Total Population
Fairview Highland Park Clinic	56.2%	56.1%	121	Total Population
HealthEast - Midway	56.1%	56.0%	180	Total Population
Steven Saliterman, MD	56.1%	51.7%	41	Total Population
Park Nicollet Clinic - Brookdale	55.8%	56.1%	335	Total Population
Fairview Bass Lake Clinic	55.8%	56.2%	43	Total Population
Allina Medical Clinic - Brooklyn Park	55.8%	56.0%	52	Total Population
Park Nicollet Clinic - Prior Lake	55.7%	54.1%	70	Total Population
Aspen Medical Group - Inver Grove Heights	55.6%	53.7%	142	Total Population
Allina Medical Clinic - Eagan	55.6%	55.0%	142	Total Population
Fairview Hiawatha Clinic	55.6%	56.4%	108	Total Population
Entira Family Clinics - Vadnais Heights	55.6%	53.6%	99	Total Population
Fairview Brooklyn Park Clinic	55.5%	57.5%	191	Total Population
Allina Medical Clinic - Hastings (W First St)	55.5%	54.2%	339	Total Population
Fairview Andover Clinic	55.4%	55.9%	148	Total Population
Fairview Uptown Clinic	55.4%	54.3%	56	Total Population
Quello Clinic - Lakeville	55.2%	51.5%	134	Total Population
Mayo Clinic - Specialty Practice	55.2%	54.0%	2802	Total Population
Mankato Clinic - Main Street	55.0%	53.9%	289	Total Population
Multicare Associates - Fridley Medical Center	55.0%	52.3%	60	Sample
Mayo Clinic - Kasson	55.0%	51.7%	80	Total Population
+University of Minnesota Heart- Burnsville Clinic	54.9%	51.5%	71	Total Population
Essentia Health - Aurora Clinic	54.8%	54.2%	124	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Cambridge Medical Center	54.8%	53.9%	733	Total Population
HealthPartners Central Minnesota Clinics	54.8%	52.4%	279	Total Population
Aspen Medical Group - Bloomington	54.8%	54.6%	179	Total Population
Essentia Health - Duluth Clinic 1st St	54.5%	53.1%	587	Total Population
Sanford South Moorhead Internal Medicine	54.2%	51.1%	190	Total Population
Fairview Lakeville Clinic	54.2%	56.0%	48	Total Population
Essentia Health - Lakeside Clinic	54.1%	53.5%	135	Total Population
Burnsville Family Physicians	54.0%	50.8%	87	Total Population
Entira Family Clinics - East Side	53.9%	52.3%	117	Total Population
Entira Family Clinics - North St. Paul	53.7%	53.2%	188	Total Population
Mayo Clinic Health System Albert Lea	53.7%	52.5%	620	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health Network	53.6%	50.0%	56	Total Population
CentraCare - St. Joseph	53.5%	51.0%	99	Total Population
CentraCare - Becker	53.5%	52.5%	86	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	53.4%	52.3%	133	Total Population
Glencoe Regional Health Services - Glencoe	53.3%	51.7%	60	Sample
Apple Valley Medical Clinic - Family Practice	53.3%	52.2%	92	Total Population
+ University of Minnesota Heart - Wyoming Clinic	53.2%	52.0%	139	Total Population
Essentia Health - Deer River Clinic	53.2%	52.7%	141	Total Population
CentraCare Health System Melrose	53.2%	51.2%	94	Total Population
+ Allina Health System - United Heart and Vascular Clinic	53.1%	56.9%	1389	Total Population
HealthPartners - Inver Grove Heights	53.1%	52.2%	81	Total Population
Park Nicollet Clinic - Shorewood	53.0%	50.7%	83	Total Population
Northwest Family Physicians - Plymouth	52.9%	51.0%	87	Total Population
FirstLight Health System - Hinckley	52.6%	54.5%	38	Total Population
Allina Medical Clinic - The Doctors Uptown	52.5%	51.0%	101	Total Population
Allina Medical Clinic - North Branch	52.3%	51.0%	44	Total Population
North Memorial Clinic - Golden Valley Physicians	52.2%	49.4%	136	Total Population
Essentia Health - Ely Clinic	52.1%	50.9%	192	Total Population
Sanford South Moorhead Family Medicine	52.0%	51.0%	175	Total Population
Stillwater Medical Group - Curve Crest Clinic	52.0%	50.7%	625	Total Population
Mayo Clinic Health System Owatonna	51.9%	50.6%	364	Total Population
HealthPartners - Anoka	51.9%	49.6%	237	Total Population
Fairview Milaca Clinic	51.8%	52.3%	56	Total Population
CentraCare River Campus-Internal Medicine	51.7%	48.5%	609	Total Population
HealthEast - Roselawn	51.4%	51.3%	70	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	51.4%	50.2%	627	Total Population
HealthPartners - Apple Valley	50.9%	48.8%	116	Total Population
HealthPartners - Andover	50.8%	49.7%	181	Total Population
Ridgeview Westonka Clinic	50.8%	53.2%	181	Total Population
Mayo Clinic Health System Waseca	50.6%	50.4%	87	Total Population
Sanford Bemidji Main Clinic Internal Medicine	50.5%	49.9%	477	Total Population
Fairview Princeton Clinic	50.2%	49.3%	281	Total Population
St Luke's Clinics-Internal Medicine Associates	50.1%	48.3%	429	Total Population
Multicare Associates - Blaine Medical Center	50.0%	47.2%	60	Sample
HealthEast - Rice Street	50.0%	48.9%	90	Total Population
HealthPartners - St Paul	50.0%	52.2%	190	Total Population
Allina Medical Clinic - Cottage Grove	50.0%	47.8%	278	Total Population
North Memorial Clinic - Northeast Family Physicians	50.0%	55.5%	46	Total Population
Catalyst Medical Clinic	50.0%	48.3%	60	Sample

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Affiliated Community Medical Centers - Litchfield Clinic (East)	50.0%	51.2%	64	Total Population
FirstLight Health System - Mora	50.0%	49.0%	208	Total Population
Rainy Lake Medical Center	49.6%	49.2%	139	Total Population
HealthEast - Vadnais Heights	49.4%	48.6%	83	Total Population
Hutchinson Medical Center	49.4%	45.8%	326	Total Population
Essentia Health - Hibbing Clinic	49.0%	48.1%	196	Total Population
Fairview Jonathan Clinic	48.9%	48.6%	47	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	48.9%	47.9%	47	Total Population
Mankato Clinic - Daniel's Health Center	48.9%	48.8%	45	Total Population
North Memorial Clinic - Elk River Physicians	48.8%	50.3%	41	Total Population
Sleepy Eye Medical Center	48.6%	43.8%	35	Total Population
St. Cloud Medical Group - South - Integrity Health Network	48.6%	40.7%	70	Total Population
Fairview Fridley Clinic	48.5%	48.3%	326	Total Population
North Memorial Clinic - Camden Physicians, Mpls	48.4%	46.2%	91	Total Population
Sanford Thief River Falls Clinic	48.3%	44.1%	538	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	48.3%	47.3%	60	Sample
Essentia Health - Virginia Clinic	48.3%	47.9%	319	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	48.1%	45.7%	79	Total Population
Affiliated Community Medical Centers - Benson Clinic	48.0%	48.5%	75	Total Population
Affiliated Community Medical Centers - New London Clinic	48.0%	46.6%	50	Total Population
Mayo Clinic Health System Springfield	48.0%	44.3%	50	Total Population
North Memorial Clinic - Minnetonka Physicians	48.0%	47.3%	73	Total Population
Park Nicollet Clinic - Creekside	47.8%	46.3%	46	Total Population
HealthEast - Maplewood	47.8%	46.6%	113	Total Population
Fairview Lakes Medical Center	47.7%	48.2%	520	Total Population
Affiliated Community Medical Centers - Marshall (Market St.)	47.6%	47.1%	147	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	47.6%	47.0%	63	Total Population
Sanford Westbrook Clinic	47.4%	42.5%	38	Total Population
+ Allina Health System - Metro. Heart & Vascular Institute Fridley	47.3%	54.4%	524	Total Population
Hartberg Medical Clinic	47.1%	45.4%	51	Total Population
Mayo Clinic Health System Austin	47.0%	44.1%	515	Total Population
+ Allina Health System-Metro. Heart & Vasc. Institute Coon Rapids	46.5%	53.4%	2972	Total Population
Quello Clinic - Savage	46.5%	45.8%	43	Total Population
Parkview Medical Clinic	46.5%	44.6%	43	Total Population
North Memorial - Silver Lake Clinic St. Anthony	46.5%	45.5%	172	Total Population
Fairview Zimmerman Clinic	46.2%	48.9%	39	Total Population
North Memorial Clinic - Brooklyn Park Physicians	46.1%	46.4%	115	Total Population
Fairview Rush City Clinic	45.8%	48.7%	131	Total Population
Olmsted Medical Center - Rochester Southeast	45.7%	45.6%	374	Total Population
HealthPartners - Adult & Seniors Health	45.6%	46.0%	340	Total Population
North Memorial Clinic - Brooklyn Center Physicians	45.6%	46.9%	79	Total Population
Aspen Medical Group - Maplewood	45.6%	45.8%	292	Total Population
Range Reg. Hlth Services dba Fairview Mesaba - Mountain Iron	45.5%	46.4%	33	Total Population
Mayo Clinic Health System St. Peter	45.5%	43.5%	88	Total Population
+ Allina Health System - Minneapolis Heart Institute Edina	45.3%	53.2%	523	Total Population
Glencoe Regional Health Services - Lester Prairie	45.2%	45.9%	42	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	45.2%	43.5%	31	Total Population
Essentia Health - Proctor Clinic	45.2%	44.0%	31	Total Population
Fairview Columbia Heights Clinic	45.0%	45.5%	282	Total Population
CentraCare Health Plaza-Family Medicine	44.8%	45.3%	116	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Red Wing Medical Center	44.8%	44.9%	538	Total Population
HCMC Clinics - Internal Medicine Clinic at Parkside	44.8%	46.3%	163	Total Population
Mayo Clinic Health System Wabasha	44.7%	40.5%	38	Total Population
+ Allina Health System - Minneapolis Heart Institute ANW	44.5%	52.5%	2535	Total Population
Fairview Blaine Clinic	44.4%	44.5%	117	Total Population
HealthEast - Oakdale	44.3%	43.0%	167	Total Population
St. Cloud Medical Group - NW- Integrity Health	44.3%	49.2%	70	Total Population
Fairview Hugo Clinic	43.9%	42.8%	41	Total Population
Essentia Health - Graceville Clinic	43.9%	46.6%	41	Total Population
Essentia Health - Hermantown Clinic	43.8%	43.9%	176	Total Population
Park Nicollet Clinic - Minneapolis	43.7%	44.0%	103	Total Population
Buffalo Clinic P.A.- Buffalo Clinic	43.7%	41.9%	348	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield	43.5%	51.6%	46	Total Population
Family Medical Center	43.3%	43.9%	120	Total Population
Lakeview Clinic - Waconia	43.3%	44.2%	60	Sample
Chippewa County Montevideo Hospital & Medical Clinic	43.3%	43.0%	60	Sample
Essentia Health St. Joseph's - Brainerd Clinic	43.3%	41.5%	60	Sample
Gateway Family Health Clinic - Moose Lake	43.3%	41.6%	187	Total Population
Ridgeview Chanhassen Clinic	43.3%	44.1%	97	Total Population
Mid Minnesota Family Medicine Center	43.2%	49.1%	81	Total Population
Buffalo Clinic P.A. - Albertville/St. Michael Clinic	43.1%	42.4%	58	Total Population
Sanford Bemidji 1611 Anne St Clinic	42.7%	42.0%	171	Total Population
Fairview Lino Lakes Clinic	42.4%	44.7%	85	Total Population
CentraCare Health System Long Prairie	42.2%	41.5%	90	Total Population
Aspen Medical Group - East Lake Street	42.2%	42.6%	83	Total Population
Olmsted Medical Center - Preston Clinic	42.1%	42.8%	38	Total Population
Olmsted Medical Center - Byron Clinic	41.9%	50.2%	31	Total Population
Sanford Perham Clinic	41.8%	41.6%	225	Total Population
Raiter Clinic-Integrity Health	41.7%	41.4%	60	Sample
+ Allina Health System - Minneapolis Heart Institute Plymouth	41.5%	55.0%	260	Total Population
+ Allina Health System - Metro. Heart & Vascular Institute Buffalo	41.5%	49.3%	287	Total Population
Mayo Clinic Health System Fairmont	41.4%	38.3%	227	Total Population
Fairview Elk River Clinic	41.2%	46.6%	131	Total Population
Sanford Pelican Rapids Clinic	41.2%	45.2%	34	Total Population
CentraCare - Heartland	40.9%	40.4%	213	Total Population
+ Allina Health System -Metro. Heart & Vascular Institute Elk River	40.7%	50.8%	54	Total Population
HealthPartners - Ctr for Internatl Hlth	40.7%	46.4%	59	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	40.5%	41.6%	74	Total Population
Sanford Worthington Clinic	40.4%	39.6%	240	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	40.2%	39.9%	82	Total Population
Sanford East Grand Forks Clinic	40.1%	39.6%	192	Total Population
North Clinic - Maple Grove Office	40.0%	39.5%	85	Sample
University of Minnesota Physicians - Primary Care Center	40.0%	40.0%	95	Total Population
Sanford New York Mills Clinic	40.0%	45.5%	60	Total Population
Edina Family Physicians, P.A.	40.0%	39.4%	60	Sample
Avera - United Medical Clinic	40.0%	41.3%	30	Total Population
Sanford Tracy Clinic	40.0%	40.8%	50	Total Population
+ Essentia Health - Heart and Vascular Center (Brainerd)	40.0%	40.0%	60	Sample
Sanford Detroit Lakes Clinic	39.9%	39.9%	381	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	39.8%	39.2%	703	Total Population

+ Cardiology



## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
+ Allina Health System-Metro. Heart & Vasc. Inst. Maple Grove	39.8%	52.6%	171	Total Population
Ridgeview Delano Clinic	39.7%	39.3%	58	Total Population
Lakeview Clinic - Watertown	39.5%	39.3%	38	Total Population
HealthPartners - Midway	39.3%	43.7%	89	Total Population
+ St Luke's Clinics-Cardiology Associates	39.1%	38.5%	598	Total Population
Sibley Medical Center - Arlington Site	39.1%	37.9%	46	Total Population
Essentia Health - Duluth Clinic Main	38.4%	38.7%	887	Total Population
+ University of Minnesota Heart - University Clinic	38.1%	38.1%	719	Total Population
Buffalo Clinic P.A. - Monticello Clinic	38.1%	37.6%	197	Total Population
Parkway Family Physicians	37.5%	37.3%	40	Total Population
Olmsted Medical Center - Stewartville Clinic	37.5%	36.2%	32	Total Population
Sanford Bemidji Main Clinic Family Medicine	37.4%	37.3%	163	Total Population
University of Minnesota Physicians - Bethesda Clinic	37.3%	40.7%	75	Total Population
St Luke's Clinics-Denfeld	37.3%	38.3%	51	Total Population
Mayo Clinic Health System Montgomery	36.8%	36.9%	38	Total Population
Stevens Community Medical Center	36.7%	35.9%	60	Sample
Lakeview Clinic - Chaska	36.7%	41.8%	30	Total Population
Ortonville Area Health Services-Northside Medical Clinic	36.4%	37.2%	184	Total Population
United Hospital District Clinic	36.4%	32.7%	99	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health Network	36.4%	35.0%	44	Total Population
Grand Itasca Clinic	36.3%	36.1%	80	Sample
Ridgeview Excelsior Clinic	36.1%	37.1%	36	Total Population
United Family Medicine	35.7%	37.1%	70	Total Population
University of Minnesota Physicians - Phalen Clinic	35.4%	36.9%	48	Total Population
Essentia Health St. Joseph's - Pine River Clinic	35.0%	36.7%	60	Sample
North Clinic - Oakdale Office in Robbinsdale	34.2%	34.5%	155	Sample
FamilyHealth Medical Clinic - Northfield	34.1%	34.5%	44	Total Population
Sawtooth Mountain Clinic, Inc	33.8%	32.5%	74	Total Population
North Clinic - Osseo Office	33.7%	33.3%	92	Sample
Altru Health System - Roseau	33.3%	32.5%	60	Sample
HCMC Clinics - Brooklyn Center Clinic	33.3%	44.0%	36	Total Population
Olmsted Medical Center - Plainview Clinic	33.3%	34.4%	30	Total Population
Lake Superior Community Health Center - Duluth	33.3%	35.9%	42	Total Population
Cuyuna Regional Medical Center-Clinic Services	33.3%	31.8%	60	Sample
Lakewood Health System - Staples Clinic	33.1%	33.9%	124	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	32.9%	32.9%	79	Total Population
HealthEast - Grand Avenue	32.7%	36.7%	52	Total Population
Fairview Pine City Clinic	32.7%	33.0%	49	Total Population
Gateway Family Health Clinic - Sandstone	32.5%	34.1%	83	Total Population
St Luke's Clinics-Laurentian	32.4%	39.8%	37	Total Population
Sanford Adrian Clinic	32.3%	36.2%	31	Total Population
+ Allina Health System - Minneapolis Heart Institute Crosby	32.0%	47.5%	328	Total Population
Life Medical	31.7%	38.7%	60	Sample
Tyler Medical Clinic	31.6%	32.5%	38	Total Population
Range Regional Hlth Services dba Fairview Mesaba - Nashwauk	31.4%	33.1%	35	Total Population
FamilyHealth Medical Clinic - Lonsdale	31.3%	30.4%	32	Total Population
Bloomington Lake Clinic - Xerxes	31.2%	30.8%	199	Total Population
+ HCMC Clinics - Hennepin Heart Center	30.7%	30.0%	192	Total Population
University of Minnesota Physicians - Broadway Family Medicine	30.7%	30.4%	75	Total Population
Sanford Canby Clinic	29.7%	31.2%	37	Total Population

+ Cardiology

## Optimal Vascular Care (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Albany Medical Center	29.6%	29.4%	54	Total Population
Hendricks Clinic	29.3%	28.3%	41	Total Population
Sanford Luverne Clinic	29.2%	29.6%	185	Total Population
Riverwood Aitkin Clinic	29.2%	27.7%	72	Sample
+ Allina Health System - Heart and Vascular Institute	28.9%	38.7%	45	Total Population
Altru Health System - Warroad	28.9%	27.5%	52	Total Population
St Luke's Clinics-Duluth Internal Medicine Associates	28.7%	30.6%	108	Total Population
Sanford Hawley Clinic	28.6%	29.0%	49	Total Population
Consultants Internal Medicine	28.6%	29.3%	42	Total Population
St. Mary's Innovis Health Clinic - Frazee	28.6%	33.3%	35	Total Population
Mille Lacs Health System - Onamia	28.3%	31.0%	60	Sample
St. Mary's Innovis Health Clinic - Detroit Lakes	28.3%	28.5%	60	Sample
Longville Lakes Clinic- Integrity Health	28.2%	29.3%	39	Total Population
Range Medical Services, Ltd.	27.2%	28.9%	81	Total Population
Lake View Clinic - Two Harbors	27.0%	28.6%	63	Total Population
Altru Health System - Crookston	26.7%	27.1%	60	Sample
Range Regional Health Services dba Fairview Mesaba - Hibbing	26.7%	25.9%	60	Sample
Hennepin County Medical Center (HCMC) Clinics - Whittier	26.3%	23.1%	76	Total Population
Sanford Walker Clinic	25.2%	24.8%	115	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	24.5%	25.2%	53	Total Population
Duluth Family Practice Center-Integrity Health	24.5%	24.3%	94	Total Population
LakeWood Health Center Clinic	24.4%	23.5%	156	Total Population
HCMC Clinics - Downtown Medicine Clinic	24.2%	22.6%	504	Total Population
+ CentraCare River Campus-CentraCare Heart & Vascular Center	23.1%	22.7%	735	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake	22.6%	30.6%	31	Total Population
Paynesville Medical Clinic	22.4%	21.2%	125	Total Population
Sanford Bagley Clinic	21.7%	21.3%	60	Sample
Prairie Ridge Hospital & Health Services - Morris	21.3%	21.6%	94	Total Population
NorthPoint Health & Wellness Center	20.9%	26.0%	91	Total Population
Riverwood McGregor Clinic	20.3%	23.4%	64	Sample
Scenic Rivers Health Services - Cook	20.0%	23.4%	35	Total Population
Prairie Ridge Hospital & Health Services - Elbow Lake	20.0%	23.2%	45	Total Population
Paynesville Richmond Medical Clinic	19.5%	22.0%	41	Total Population
Mayo Clinic Health System New Prague	19.2%	20.3%	47	Total Population
Neighborhood Healthsource - Fremont Clinic	19.1%	26.9%	42	Total Population
Winona Health - Family Medicine	18.0%	17.2%	50	Total Population
Scandia Clinic	16.7%	20.4%	36	Total Population
Murray County Clinic	16.2%	16.2%	74	Total Population
Valley Family Practice	16.1%	18.5%	31	Total Population
Winona Health - Winona Clinic	14.7%	14.3%	353	Total Population
Sacred Heart Mercy Health Care Center	14.6%	16.7%	41	Total Population
Community-University Health Care Center	14.3%	24.5%	49	Total Population
Deer River Meridian Medical Clinic	13.4%	12.1%	112	Total Population
Avera Worthington Specialty Clinic	12.5%	12.9%	64	Sample
+ Allina Health System - Minneapolis Heart Institute - Baxter	11.8%	17.4%	255	Total Population
Riverwood Garrison Clinic	11.4%	16.5%	35	Total Population
Bluestone Physician Services	10.8%	20.5%	37	Total Population
Integracare Ltd dba Williams Clinic	2.5%	4.1%	40	Total Population

+ Cardiology

## Depression Remission at Six Months (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Mayo Clinic - Northeast	24.4%	24.4%	377	Total Population
Mayo Clinic - Northwest	24.3%	23.2%	346	Total Population
Allina Medical Clinic - Cokato	17.8%	19.1%	73	Total Population
Entira Family Clinics - White Bear Lake-Bellaire	17.8%	16.1%	169	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	17.4%	19.0%	46	Total Population
Entira Family Clinics - West St. Paul Clinic	16.8%	17.0%	268	Total Population
Entira Family Clinics - Maplewood/Battle Creek	15.6%	15.6%	283	Total Population
Quello Clinic - Edina	15.3%	15.5%	222	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	15.2%	14.9%	302	Total Population
Entira Family Clinics - Woodbury Office	14.8%	14.5%	459	Total Population
HealthPartners - Roseville	14.3%	14.3%	252	Total Population
Mayo Clinic - Kasson	14.1%	14.2%	192	Total Population
Allina Medical Clinic - Annandale	13.6%	13.5%	110	Total Population
Allina Medical Clinic - Buffalo	13.5%	13.2%	554	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	13.5%	13.3%	461	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	13.4%	13.2%	179	Total Population
Entira Family Clinics - Vadnais Heights Office	13.3%	13.2%	294	Total Population
Allina Medical Clinic - Shoreview	12.6%	12.6%	333	Total Population
Entira Family Clinics - Inver Grove Heights	12.1%	12.2%	280	Total Population
Entira Family Clinics - Shoreview	11.8%	11.2%	152	Total Population
Fairview Hugo Clinic	11.8%	9.7%	85	Total Population
HealthPartners Behavioral Health - Inver Grove Heights	11.7%	11.3%	231	Total Population
○ Mankato Clinic - Department of Psychiatry & Psychology	11.6%	10.8%	355	Total Population
Allina Medical Clinic - St. Michael	11.5%	12.0%	200	Total Population
Affiliated Community Medical Centers - New London Clinic	11.4%	11.0%	70	Total Population
Boydton Health Service	11.3%	11.2%	565	Total Population
HealthPartners - Bloomington	11.3%	11.3%	265	Total Population
Allina Medical Clinic - Faribault	11.2%	11.4%	563	Total Population
○ Allina Health System - Allina Mental Health St. Paul	11.1%	11.2%	279	Total Population
Entira Family Clinics - White Bear Lake/Banning Avenue	11.0%	11.1%	218	Total Population
Allina Medical Clinic - Northfield	10.8%	10.6%	763	Total Population
Aspen Medical Group - Highland	10.4%	10.8%	125	Total Population
Allina Medical Clinic - West Health Campus	10.3%	10.5%	224	Total Population
Allina Medical Clinic - Coon Rapids	10.2%	10.3%	1487	Total Population
Mankato Clinic - Wickersham Campus	10.2%	9.8%	285	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	10.1%	9.8%	109	Total Population
HealthPartners - Lino Lakes	9.9%	10.0%	181	Total Population
Allina Medical Clinic - Edina	9.9%	9.9%	232	Total Population
Allina Medical Clinic - Ramsey	9.9%	9.9%	232	Total Population
Allina Medical Clinic - West St. Paul	9.8%	9.8%	429	Total Population
Allina Medical Clinic - Woodbury	9.8%	9.8%	909	Total Population
Allina Medical Clinic - Hastings (Nininger)	9.5%	9.0%	296	Total Population
Fairview Jonathan Clinic	9.4%	9.9%	53	Total Population
Aspen Medical Group - Hopkins	9.2%	9.7%	76	Total Population
Allina Medical Clinic - Champlin	9.1%	9.1%	482	Total Population
Family HealthServices Minnesota - Larpenteur Clinic	9.0%	8.7%	223	Total Population
Aspen Medical Group - White Bear Lake	8.9%	8.8%	113	Total Population
Allina Medical Clinic - The Doctors Uptown	8.8%	8.6%	308	Total Population
Allina Medical Clinic - Eagan	8.7%	8.5%	460	Total Population
Essentia Health St. Joseph's - Pine River Clinic	8.6%	7.8%	35	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
Aspen Medical Group - East Lake Street	8.5%	8.5%	129	Total Population
Aspen Medical Group - Bandana Square	8.3%	8.2%	579	Total Population
Quello Clinic - Lakeville	8.3%	8.1%	157	Total Population
Allina Medical Clinic - Shakopee	8.2%	8.1%	376	Total Population
Mid Minnesota Family Medicine Center	8.2%	9.3%	279	Total Population
Aspen Medical Group - Bloomington	8.2%	7.5%	389	Total Population
Fairview Crosstown Clinic	8.2%	8.3%	231	Total Population
Entira Family Clinics - North St. Paul Clinic	8.2%	8.1%	330	Total Population
Allina Medical Clinic - Isles	8.0%	8.5%	225	Total Population
Allina Medical Clinic - Cottage Grove	7.9%	7.8%	611	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	7.8%	7.1%	281	Total Population
Aspen Medical Group - Maplewood	7.8%	7.8%	435	Total Population
○ Allina Health System - Allina Mental Health Mpls Abbott	7.8%	7.4%	180	Total Population
Quello Clinic - Burnsville	7.6%	7.8%	197	Total Population
Allina Medical Clinic - Forest Lake	7.6%	7.7%	424	Total Population
Minnesota Mental Health Clinics - Eagan Clinic	7.5%	7.9%	1076	Total Population
HealthPartners - White Bear Lake	7.5%	7.5%	213	Total Population
FamilyHealth Medical Clinic - Northfield	7.5%	7.0%	40	Total Population
Allina Medical Clinic - Crossroads Chaska	7.5%	7.4%	174	Total Population
Park Nicollet Clinic - Shorewood	7.5%	7.1%	94	Total Population
Allina Medical Clinic - Nicollet Mall	7.3%	7.1%	246	Total Population
Mankato Clinic - Main Street	7.3%	7.4%	289	Total Population
Allina Medical Clinic - Blaine	7.2%	7.3%	221	Total Population
Quello Clinic - Savage	7.2%	7.8%	83	Total Population
Fairview Lakeville Clinic	7.2%	6.9%	180	Total Population
Northwest Family Physicians - Crystal	7.2%	6.8%	361	Total Population
Allina Medical Clinic - Farmington	7.2%	6.6%	167	Total Population
Mayo Clinic Health System Mankato Eastridge	7.2%	7.2%	431	Total Population
Fairview Uptown Clinic	7.1%	6.8%	308	Total Population
Allina Medical Clinic - Brooklyn Park	7.1%	6.5%	126	Total Population
○ Sanford Detroit Lakes Behavioral Health	7.1%	7.9%	56	Total Population
Allina Medical Clinic - Woodlake	7.1%	6.9%	365	Total Population
Entira Family Clinics - East Side	7.1%	7.1%	240	Total Population
○ Mayo Clinic - Generose Building	7.1%	6.9%	511	Total Population
Park Nicollet Clinic - Carlson	7.0%	7.5%	284	Total Population
Allina Medical Clinic - North Branch	7.0%	7.2%	71	Total Population
○ HealthPartners Behavioral Health - West	7.0%	6.5%	257	Total Population
○ HealthPartners Regions Behavioral Health - Woodbury	7.0%	7.2%	373	Total Population
HealthPartners - Arden Hills	6.9%	7.0%	202	Total Population
Allina Medical Clinic - Hastings (W First St)	6.9%	7.0%	580	Total Population
Northwest Family Physicians - Rogers	6.8%	6.1%	163	Total Population
CentraCare River Campus-Internal Medicine	6.7%	9.1%	135	Total Population
Mankato Clinic - North Mankato	6.7%	6.7%	225	Total Population
Fairview Bass Lake Clinic	6.7%	6.7%	135	Total Population
○ Caritas Mental Health Clinic	6.7%	5.7%	90	Total Population
Allina Medical Clinic - Cambridge Medical Center	6.6%	6.7%	964	Total Population
Fairview Maple Grove Medical Center	6.6%	6.6%	211	Total Population
Fairview Rosemount Clinic	6.6%	6.9%	136	Total Population
○ HealthPartners Behavioral Health - Riverside	6.6%	6.5%	243	Total Population
AALFA Family Clinic	6.5%	6.0%	108	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
Fairview Andover Clinic	6.6%	6.5%	243	Total Population
○ HealthPartners Regions Behavioral Health - Maplewood	6.5%	6.0%	108	Total Population
Allina Medical Clinic - Maple Grove	6.5%	6.5%	432	Total Population
Rainy Lake Medical Center	6.4%	6.4%	233	Total Population
Sanford South Moorhead Clinic	6.4%	6.4%	266	Total Population
○ Park Nicollet Clinic - St. Louis Park Psychiatry	6.4%	6.3%	189	Total Population
○ Allina Health System - Allina Mental Health Northtown Clinic	6.3%	6.8%	95	Total Population
Allina Medical Clinic - United Medical Specialties	6.3%	6.2%	2727	Total Population
Essentia Health - Aurora Clinic	6.2%	6.1%	484	Total Population
Fairview Highland Park Clinic	6.1%	5.7%	98	Total Population
Allina Medical Clinic - Elk River	6.1%	6.8%	49	Total Population
Stillwater Medical Group - Curve Crest Clinic	6.1%	7.4%	66	Total Population
Essentia Health - Ely Clinic	6.1%	6.1%	248	Total Population
Sanford Bemidji 1611 Anne St Clinic	6.0%	5.9%	252	Total Population
Fairview Red Wing Medical Center	5.9%	6.0%	875	Total Population
Fairview RidgeValley Clinic	5.9%	6.7%	85	Total Population
○ HealthPartners Regions Behavioral Health - St Paul (Jackson St.)	5.8%	5.9%	138	Total Population
Fairview Farmington Clinic	5.8%	5.9%	243	Total Population
Fairview Riverside Primary Care Clinic	5.8%	5.5%	261	Total Population
Fairview Fridley Clinic	5.7%	4.7%	70	Total Population
Fairview Blaine Clinic	5.7%	6.8%	106	Total Population
HealthPartners - Como	5.7%	5.5%	248	Total Population
Mayo Clinic Health System Mankato Northridge	5.6%	5.5%	497	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba - Mountain Iron	5.6%	5.6%	232	Total Population
Riverview Clinics	5.6%	5.6%	377	Total Population
Ridgeview Winsted Clinic	5.6%	5.4%	252	Total Population
Entira Family Clinics - Highland Family Physicians	5.5%	5.4%	91	Total Population
Fairview Oxboro Clinic	5.5%	5.3%	91	Total Population
Olmsted Medical Center - Pine Island Clinic	5.5%	5.5%	73	Total Population
Fairview Brooklyn Park Clinic	5.5%	5.3%	183	Total Population
Fairview CedarRidge Clinic	5.5%	5.6%	367	Total Population
Family Life Center	5.5%	7.8%	55	Total Population
○ Carver County Mental Health Program, First Street Center	5.4%	5.5%	92	Total Population
HealthEast - Woodbury	5.3%	5.1%	399	Total Population
Aspen Medical Group - Inver Grove Heights	5.3%	5.2%	362	Total Population
Mayo Clinic Health System Le Sueur	5.2%	5.4%	345	Total Population
Fairview Eagan Clinic	5.1%	4.7%	79	Total Population
CentraCare Health Plaza-Family Medicine	5.0%	4.5%	40	Total Population
Mankato Clinic - Daniel's Health Center	4.9%	4.9%	184	Total Population
Fairview Rogers Clinic	4.9%	5.0%	123	Total Population
Ridgeview Chanhassen Clinic	4.8%	4.8%	372	Total Population
HealthPartners Central Minnesota Clinics	4.8%	4.8%	105	Total Population
Northwest Family Physicians - Plymouth	4.8%	4.6%	189	Total Population
HealthPartners - Woodbury	4.6%	4.6%	109	Total Population
○ St. Cloud Hospital - Behavioral Health Clinic	4.6%	4.5%	132	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	4.5%	4.5%	133	Total Population
Fairview North Branch Clinic	4.5%	4.3%	601	Total Population
Fairview Lakes Medical Center	4.5%	4.5%	157	Total Population
Fairview Red Wing Zumbrota Clinic	4.4%	4.6%	361	Total Population
Gateway Family Health Clinic - Moose Lake	4.4%	4.6%	835	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
Fairview Northeast Clinic	4.1%	3.8%	293	Total Population
Essentia Health - Duluth Clinic	4.1%	3.9%	196	Total Population
Raiter Clinic-Integrity Health	4.1%	4.2%	148	Total Population
Olmsted Medical Center - Rochester Southeast	4.0%	4.0%	1072	Total Population
HealthPartners - Inver Grove Heights	4.0%	3.8%	151	Total Population
Fairview Columbia Heights Clinic	3.9%	4.0%	356	Total Population
Mayo Clinic Health System Faribault Hwy 60	3.9%	4.2%	103	Total Population
Multicare Associates - Blaine Medical Center	3.9%	4.1%	104	Total Population
HealthPartners - Apple Valley	3.8%	3.8%	211	Total Population
○ Essentia Health - Lakeland Psychiatry Clinic	3.8%	4.6%	132	Total Population
CentraCare - St. Joseph	3.8%	3.8%	53	Total Population
Essentia Health - West Duluth Clinic	3.8%	3.8%	240	Total Population
Essentia Health - Deer River Clinic	3.7%	3.6%	107	Total Population
St. Cloud Medical Group - NW- Integrity Health	3.7%	3.7%	244	Total Population
Fairview Lino Lakes Clinic	3.7%	4.0%	190	Total Population
Avera Worthington Specialty Clinic	3.6%	3.6%	56	Total Population
Essentia Health - Hermantown Clinic	3.5%	3.1%	198	Total Population
HealthPartners - West	3.5%	3.5%	171	Total Population
Fairview Elk River Clinic	3.5%	3.5%	286	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	3.5%	3.3%	402	Total Population
Fairview Hiawatha Clinic	3.5%	3.4%	261	Total Population
Ridgeview Excelsior Clinic	3.5%	3.3%	58	Total Population
Edina Family Physicians, P.A.	3.4%	3.5%	323	Total Population
Ridgeview Westonka Clinic	3.4%	3.5%	147	Total Population
Fairview Milaca Clinic	3.4%	3.3%	178	Total Population
Park Nicollet Clinic - Plymouth	3.3%	3.4%	120	Total Population
Allina Health System - New Ulm Medical Center	3.3%	3.3%	240	Total Population
Mayo Clinic Health System Owatonna	3.3%	3.4%	635	Total Population
FirstLight Health System - Mora	3.3%	3.6%	153	Total Population
○ HealthPartners - Health Center for Women	3.3%	3.4%	184	Total Population
Apple Valley Medical Clinic - Family Practice	3.2%	3.2%	372	Total Population
Allina Health System - Abbott NW General Med. Assoc. - Edina	3.2%	3.2%	31	Total Population
○ Fairview Zimmerman Clinic	3.2%	3.2%	156	Total Population
Fairview EdenCenter Clinic	3.2%	3.2%	345	Total Population
HealthPartners - Riverside	3.1%	3.3%	130	Total Population
Affiliated Community Med. Cntrs - Marshall Clinic (Market St.)	3.1%	3.4%	163	Total Population
Essentia Health - Hibbing Clinic	3.1%	3.0%	98	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	3.1%	3.1%	394	Total Population
Olmsted Medical Center - Byron Clinic	3.0%	3.0%	100	Total Population
Valley Family Practice	3.0%	3.2%	67	Total Population
Fairview Ridges Clinic	3.0%	2.5%	236	Total Population
North Clinic - Maple Grove Office	2.9%	3.1%	34	Total Population
Mayo Clinic Health System St. James	2.9%	3.6%	68	Total Population
Lake Superior Community Health Center - Duluth	2.9%	3.4%	68	Total Population
CentraCare Health System Melrose	2.9%	2.8%	69	Total Population
Catalyst Medical Clinic	2.9%	3.0%	69	Total Population
Healing Spirit Clinic	2.9%	2.7%	35	Total Population
Oak Ridge Center	2.9%	3.0%	140	Total Population
○ St. Luke's Outpatient Mental Health	2.9%	2.8%	210	Total Population
○ Associated Clinic of Psychology-Apple Valley	2.8%	3.0%	214	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
Fairview Riverside	2.8%	3.3%	36	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health	2.8%	3.0%	36	Total Population
Mayo Clinic Health System Waseca	2.8%	3.1%	109	Total Population
Grand Itasca Clinic	2.8%	2.8%	363	Total Population
Associated Clinic of Psychology-West St. Paul	2.8%	3.6%	182	Total Population
HealthPartners - St. Paul	2.7%	3.6%	256	Total Population
St. Cloud Medical Group - South - Integrity Health	2.7%	2.3%	258	Total Population
Multicare Associates - Fridley Medical Center	2.7%	3.0%	37	Total Population
CentraCare Health System Long Prairie	2.7%	3.4%	74	Total Population
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	2.7%	3.3%	37	Total Population
HealthPartners - Brooklyn Center	2.7%	2.5%	264	Total Population
Park Nicollet Clinic - Prior Lake	2.5%	2.5%	79	Total Population
Fairview Rush City Clinic	2.5%	2.5%	120	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	2.5%	3.2%	81	Total Population
CentraCare - Heartland	2.4%	2.6%	82	Total Population
Mayo Clinic Health System Lake Crystal (formerly Parkview)	2.4%	3.0%	42	Total Population
Associated Clinic of Psychology-Minneapolis	2.4%	2.6%	423	Total Population
Sanford Clinic - Tracy	2.3%	1.9%	43	Total Population
Fairview Chisago Lakes Clinic	2.3%	2.3%	174	Total Population
HealthPartners - Andover (Riverway Clinics)	2.3%	2.2%	87	Total Population
Park Nicollet Clinic - Shakopee	2.2%	2.3%	225	Total Population
Lakewood Health System - Staples Clinic	2.2%	2.2%	45	Total Population
Woodland Centers - Litchfield	2.2%	3.0%	45	Total Population
Affiliated Community Medical Centers - Willmar Clinic	2.2%	2.2%	407	Total Population
Essentia Health - Lakeside Clinic	2.2%	2.2%	182	Total Population
HealthPartners - Health Specialty Center (401-Phalen Campus)	2.2%	2.5%	91	Total Population
Ridgeview Howard Lake Clinic	2.2%	2.6%	46	Total Population
France Avenue Family Physicians	2.2%	2.2%	139	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	2.1%	2.8%	47	Total Population
HealthPartners - Maplewood	2.0%	2.3%	151	Total Population
Woodland Centers - Willmar	2.0%	2.5%	101	Total Population
Quello Clinic - Chanhassen	2.0%	1.6%	51	Total Population
Park Nicollet Clinic - Prairie Center	1.9%	2.0%	103	Total Population
HealthPartners - Coon Rapids	1.9%	2.1%	262	Total Population
Fairview Princeton Clinic	1.9%	1.9%	321	Total Population
Hutchinson Area Health Care - Behavioral Health Services	1.9%	1.9%	214	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	1.8%	1.6%	55	Total Population
Essentia Health - Virginia Clinic	1.8%	1.2%	56	Total Population
Essentia Health - Duluth Clinic 1st St	1.8%	1.7%	342	Total Population
FirstLight Health System - Pine City	1.8%	1.5%	57	Total Population
Mayo Clinic Health System Albert Lea	1.7%	1.9%	115	Total Population
Lakeview Clinic - Waconia	1.7%	1.5%	58	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake	1.7%	2.2%	121	Total Population
Olmsted Medical Center - Plainview Clinic	1.6%	1.5%	61	Total Population
Burnsville Family Physicians	1.6%	1.2%	62	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	1.6%	1.0%	63	Total Population
FirstLight Health System - Hinckley	1.6%	2.2%	64	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield	1.5%	1.3%	137	Total Population
Park Nicollet Clinic - Eagan	1.5%	1.5%	275	Total Population
Mayo Clinic Health System Fairmont	1.4%	1.4%	139	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
University of Minnesota Physicians - Phalen Clinic	1.4%	1.4%	280	Total Population
Cuyuna Regional Medical Center-Clinic Services	1.4%	1.4%	70	Total Population
Park Nicollet Clinic - Golden Valley	1.4%	1.4%	141	Total Population
Native American Community Clinic	1.4%	1.2%	72	Total Population
Mayo Clinic - Speciality Practice	1.3%	1.4%	819	Total Population
Park Nicollet Clinic - Burnsville	1.3%	1.4%	311	Total Population
HealthPartners - Anoka	1.3%	1.1%	156	Total Population
○Hennepin County Mental Health Center	1.3%	1.6%	401	Total Population
New Hope Crystal Medical Clinic	1.2%	1.2%	81	Total Population
Mayo Clinic Health System St. Peter	1.2%	1.1%	165	Total Population
HealthPartners - Elk River	1.2%	1.3%	83	Total Population
Hennepin County Medical Center (HCMC) Clinics - Downtown	1.2%	2.0%	83	Total Population
Family Practice Medical Center of Willmar	1.2%	1.1%	255	Total Population
United Hospital District Clinic	1.1%	0.9%	90	Total Population
○Hennepin County Medical Center (HCMC) Clinics - Adult Psych.	1.1%	1.0%	93	Total Population
Mayo Clinic Health System Austin	1.1%	1.1%	187	Total Population
Park Nicollet Clinic - Brookdale	1.0%	1.1%	290	Total Population
University of Minnesota Physicians - Bethesda Clinic	1.0%	1.1%	194	Total Population
North Memorial Clinic - Golden Valley Physicians	1.0%	0.9%	97	Total Population
Hamm Clinic	1.0%	1.1%	194	Total Population
○Ramsey County Mental Health Center	1.0%	1.1%	199	Total Population
Park Nicollet Clinic - Wayzata	1.0%	0.8%	100	Total Population
Fairview Pine City Clinic	1.0%	1.0%	102	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier	1.0%	1.1%	312	Total Population
North Memorial Clinic - Minnetonka Physicians	0.9%	0.8%	107	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	0.9%	0.9%	116	Total Population
Park Nicollet Clinic - Chanhassen	0.8%	0.8%	132	Total Population
○University of Minnesota Physicians - Psychiatry Clinic	0.6%	0.5%	163	Total Population
Sanford Cass Lake Clinic	0.0%	0.2%	34	Total Population
Ridgeview Delano Clinic	0.0%	0.0%	62	Total Population
Winona Health - Winona Clinic	0.0%	0.0%	67	Total Population
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.0%	70	Total Population
North Clinic - Osseo Office	0.0%	0.1%	38	Total Population
North Clinic - WestHealth Office in Plymouth	0.0%	0.2%	36	Total Population
University of Minnesota Physicians - Broadway Family Medicine	0.0%	0.0%	113	Total Population
University of Minnesota Physicians - Primary Care Center	0.0%	0.0%	43	Total Population
University of Minnesota Physicians - Smiley's Clinic	0.0%	0.0%	230	Total Population
HealthPartners - Midway	0.0%	0.0%	42	Total Population
Hutchinson Medical Center	0.0%	0.0%	113	Total Population
HealthEast - Oakdale	0.0%	0.7%	32	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	0.0%	0.0%	58	Total Population
CentraCare - Becker	0.0%	0.3%	47	Total Population
Stevens Community Medical Center	0.0%	0.0%	61	Total Population
North Memorial Clinic - Brooklyn Park Physicians	0.0%	0.3%	39	Total Population
North Memorial Clinic - Elk River Physicians	0.0%	0.0%	70	Total Population
North Memorial Clinic - Northeast Family Physicians	0.0%	0.0%	40	Total Population
Hennepin County Medical Center (HCMC) Clinics - Internal Med.	0.0%	0.2%	56	Total Population
Range Regional Hlth Serv. dba Fairview Mesaba Clinic - Hibbing	0.0%	0.0%	36	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Cntr	0.0%	0.0%	76	Total Population
Essentia Health Fosston	0.0%	0.0%	62	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
Bloomington Lake Clinic - Xerxes	0.0%	0.3%	50	Total Population
NorthPoint Health & Wellness Center	0.0%	0.0%	362	Total Population
Glencoe Regional Health Services - Glencoe	0.0%	0.1%	63	Total Population
Olmsted Medical Center - Rochester Northwest	0.0%	0.6%	33	Total Population
Olmsted Medical Center - Stewartville Clinic	0.0%	0.0%	38	Total Population
Mayo Clinic Health System Cannon Falls	0.0%	0.0%	53	Total Population
Mayo Clinic Health System Springfield	0.0%	0.0%	38	Total Population
Lake View Clinic - Two Harbors	0.0%	0.0%	46	Total Population
Duluth Family Practice Center-Integrity Health	0.0%	0.0%	60	Total Population
Buffalo Clinic P.A. - Monticello Clinic	0.0%	0.9%	36	Total Population
Brainerd Northern Pines Mental Health	0.0%	0.0%	59	Total Population
HSI Oakdale	0.0%	0.0%	65	Total Population
Avera Marshall Psychiatry Associates	0.0%	0.0%	34	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	0.0%	0.4%	32	Total Population
Sanford Bagley Clinic	0.0%	0.0%	57	Total Population
Big Lake Clinic	0.0%	0.0%	67	Total Population
Hennepin County Medical Center (HCMC) Clinics -Brooklyn Park	0.0%	0.0%	42	Total Population
Associated Clinic of Psychology-Brooklyn Center	0.0%	0.0%	80	Total Population
Neighborhood Counseling Center	0.0%	1.3%	32	Total Population
Mental Health Outreach Clinic	0.0%	0.3%	38	Total Population
Northwestern Mental Health Center	0.0%	0.0%	50	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
■ St Paul Allergy & Asthma Clinic, P.A. Highland	96.4%	76.7%	56	Total Population
■ Allergy & Asthma Specialty Clinic	91.3%	90.5%	80	Sample
Mayo Clinic Health System Faribault Hwy 60	87.7%	87.9%	57	Total Population
■ Advancements in Allergy and Asthma Care, Ltd.	87.7%	85.8%	430	Total Population
Fairview Rosemount Clinic	87.5%	84.7%	32	Total Population
# Drs. Rogers and Nygren	85.9%	56.6%	78	Sample
Mayo Clinic - Northeast	82.1%	79.5%	179	Total Population
Mayo Clinic - Northwest	80.0%	76.9%	75	Total Population
Pediatric Services	78.7%	74.8%	216	Total Population
■ Allergy & Asthma Specialists, PA-Maple Grove - North Memorial	78.1%	77.1%	64	Total Population
Fairview Northeast Clinic	77.8%	77.3%	54	Total Population
Fairview Elk River Clinic	77.6%	77.0%	254	Total Population
Fairview Highland Park Clinic	77.4%	67.4%	31	Total Population
Fairview Chisago Lakes Clinic	77.2%	76.5%	79	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	75.5%	74.1%	184	Total Population
■ Southdale Pediatric Associates, Ltd - Burnsville	73.3%	61.5%	60	Sample
Mayo Clinic - Baldwin Building, Pediatrics	72.9%	73.0%	302	Total Population
# Partners in Pediatrics Plymouth	72.5%	69.4%	80	Sample
# Fridley Children's & Teenagers' Medical Center	72.2%	71.0%	79	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts	71.4%	72.9%	98	Total Population
Fairview Uptown Clinic	71.2%	72.0%	52	Total Population
Fairview North Branch Clinic	70.8%	70.2%	89	Total Population
Mayo Clinic - Kasson	70.2%	70.3%	47	Total Population
# Southdale Pediatric Associates, Ltd - Edina	70.0%	58.9%	60	Sample
# Partners in Pediatrics Maple Grove	68.8%	65.3%	80	Sample
Fairview Andover Clinic	67.2%	66.1%	253	Total Population
Essentia Health - Duluth Clinic 1st St	66.6%	67.6%	314	Total Population
Mankato Clinic - Wickersham Campus	66.2%	63.6%	139	Total Population
Fairview Children's Clinic	65.5%	65.8%	325	Total Population
Essentia Health - West Duluth Clinic	64.9%	69.5%	37	Total Population
# Partners in Pediatrics Calhoun	64.6%	64.5%	79	Sample
Fairview Maple Grove Medical Center	64.3%	63.4%	56	Total Population
Fairview RidgeValley Clinic	64.1%	62.7%	78	Total Population
HealthEast - Maplewood	63.7%	60.5%	355	Total Population
# Wayzata Children's Clinic	61.7%	56.9%	60	Sample
Fairview Ridges Clinic	61.5%	61.5%	244	Total Population
# All About Children Pediatrics, P.A.	61.3%	64.1%	80	Total Population
■ Southdale Allergy and Asthma Clinic LLC	60.8%	59.2%	51	Total Population
Essentia Health - Duluth Clinic	60.7%	59.8%	89	Total Population
Fairview Brooklyn Park Clinic	60.6%	60.3%	188	Total Population
# South Lake Pediatrics - Minnetonka	60.3%	59.7%	63	Sample
Fairview Hugo Clinic	60.3%	62.0%	68	Total Population
# Central Pediatrics Woodbury	59.7%	57.5%	62	Sample
Fairview Bass Lake Clinic	59.4%	58.3%	32	Total Population
HealthPartners - Specialty Center 401	58.9%	57.9%	151	Total Population
# Southdale Pediatric Associates, Ltd - Eden Prairie	58.3%	49.3%	60	Sample
Fairview Milaca Clinic	58.0%	57.3%	69	Total Population
Fairview CedarRidge Clinic	58.0%	57.4%	88	Total Population
Allina Medical Clinic - Eagan	58.0%	57.7%	88	Total Population
Fairview Farmington Clinic	57.6%	52.2%	33	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
HealthPartners - Anoka	57.3%	55.7%	274	Total Population
Fairview Rush City Clinic	57.1%	57.4%	70	Total Population
Aspen Medical Group - Highland	57.1%	56.4%	42	Total Population
Fairview Lino Lakes Clinic	56.7%	55.4%	173	Total Population
Fairview Lakeville Clinic	56.4%	51.1%	55	Total Population
Allina Medical Clinic - Buffalo	56.1%	55.7%	132	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	55.6%	52.7%	63	Total Population
Fairview Eagan Clinic	55.6%	53.6%	108	Total Population
Essentia Health - Virginia Clinic	55.6%	59.7%	36	Total Population
Fairview Lakes Medical Center	55.3%	56.0%	284	Total Population
HealthPartners - Elk River	54.4%	53.3%	195	Total Population
# CentraCare Health Plaza-Women & Children Pediatrics	54.2%	54.3%	602	Total Population
HealthPartners - Andover	54.1%	52.8%	85	Total Population
# South Lake Pediatrics - Maple Grove	53.3%	50.1%	60	Sample
HealthEast - Woodbury	53.2%	52.0%	297	Total Population
Fairview Rogers Clinic	52.6%	52.7%	38	Total Population
Allina Medical Clinic - Elk River	52.5%	54.3%	118	Total Population
Allina Medical Clinic - Maple Grove	51.4%	50.3%	70	Total Population
Allina Medical Clinic - Hastings (Nininger)	51.3%	52.1%	80	Total Population
Community-University Health Care Center	51.2%	48.2%	41	Total Population
# Mendakota Pediatrics	50.8%	52.1%	67	Total Population
HealthPartners - Maplewood	50.5%	53.2%	196	Total Population
Entira Family Clinics - Maplewood/Battle Creek	50.0%	45.3%	30	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	50.0%	47.7%	34	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	50.0%	43.5%	42	Total Population
# Partners in Pediatrics Rogers	50.0%	43.5%	80	Sample
Mayo Clinic - Speciality Practice	49.8%	47.8%	289	Total Population
Allina Medical Clinic - Cottage Grove	49.2%	48.8%	197	Total Population
# South Lake Pediatrics - Eden Prairie	49.2%	45.8%	61	Sample
Fairview Oxboro Clinic	48.9%	49.5%	184	Total Population
Fairview Columbia Heights Clinic	48.7%	48.4%	111	Total Population
Allina Medical Clinic - Champlin	48.1%	47.0%	133	Total Population
■ Children's Respiratory & Critical Care Specialists - Minneapolis	47.8%	47.7%	674	Total Population
Essentia Health - Deer River Clinic	47.5%	43.9%	40	Total Population
# Aspen Medical Group - Bandana Square	47.5%	47.5%	238	Total Population
Fairview Fridley Clinic	47.5%	47.7%	137	Total Population
# Aspen Medical Group - East Lake Street	47.2%	46.4%	72	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield	47.0%	49.0%	83	Total Population
# Partners in Pediatrics Brooklyn Park	46.3%	45.5%	80	Sample
HealthPartners - Roseville	46.0%	44.5%	50	Total Population
■ Children's Respiratory & Critical Care Specialists - Minnetonka	45.4%	40.9%	568	Total Population
# Pediatric and Young Adult Medicine, PA - Lake Elmo	45.2%	42.1%	31	Total Population
# Hennepin County Med. Cntr (HCMC) Clinics - Downtown Pediatric	44.9%	51.4%	717	Total Population
Allina Medical Clinic - Faribault	44.7%	46.4%	103	Total Population
Allina Medical Clinic - Cambridge Medical Center	44.5%	45.0%	337	Total Population
Fairview Hiawatha Clinic	44.4%	45.1%	45	Total Population
HealthPartners - West	44.3%	44.4%	88	Total Population
Allina Medical Clinic - Coon Rapids	44.2%	44.3%	570	Total Population
Fairview Princeton Clinic	44.2%	44.7%	86	Total Population
HealthEast - Cottage Grove	43.8%	35.1%	32	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
HealthPartners - Inver Grove Heights	43.6%	43.7%	101	Total Population
Allina Medical Clinic - Ramsey	43.3%	40.4%	120	Total Population
Allina Medical Clinic - Hastings (W First St)	42.9%	42.8%	84	Total Population
Fairview Blaine Clinic	42.9%	43.6%	98	Total Population
HealthEast - Eagan	42.4%	39.8%	33	Total Population
Aspen Medical Group - Bloomington	42.3%	42.1%	130	Total Population
HealthEast - Roselawn	42.1%	44.8%	38	Total Population
# Eagan Valley Pediatrics	41.9%	41.7%	62	Total Population
Aspen Medical Group - Maplewood	41.9%	43.8%	86	Total Population
# Children's Speciality Clinic - St. Paul	41.9%	51.2%	172	Total Population
# South Lake Pediatrics - Plymouth	41.7%	41.2%	60	Sample
Allina Medical Clinic - Northfield	41.2%	40.7%	131	Total Population
HealthPartners - Como	40.8%	40.9%	299	Total Population
Fairview Red Wing Medical Center	40.7%	39.6%	214	Total Population
HealthPartners Central Minnesota Clinics	40.3%	39.6%	124	Total Population
Allina Medical Clinic - St. Michael	40.0%	37.8%	45	Total Population
Mid Minnesota Family Medicine Center	40.0%	45.6%	30	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	40.0%	40.8%	35	Total Population
# South Lake Pediatrics - Childrens West	40.0%	38.2%	60	Sample
HealthPartners - Riverside	39.7%	43.4%	227	Total Population
# Children's Speciality Clinic - Minneapolis	39.0%	53.6%	95	Total Population
Fairview Zimmerman Clinic	38.9%	39.8%	54	Total Population
Allina Medical Clinic - Shakopee	38.2%	37.3%	34	Total Population
HealthEast - Oakdale	38.0%	39.4%	50	Total Population
HealthPartners - Lino Lakes	37.7%	39.3%	53	Total Population
HealthPartners - Coon Rapids	37.1%	37.3%	116	Total Population
HealthEast - Rice Street	36.4%	42.3%	66	Total Population
University of Minnesota Physicians - Smiley's Clinic	35.7%	33.5%	42	Total Population
Affiliated Community Medical Centers - Willmar Clinic	35.5%	34.8%	265	Total Population
# Pediatric and Young Adult Medicine, PA - St. Paul	34.8%	35.5%	89	Total Population
# Metropolitan Pediatric Specialists - Shakopee	34.7%	31.7%	98	Total Population
HealthPartners - White Bear Lake	33.7%	33.8%	95	Total Population
Entira Family Clinics - Woodbury	33.3%	33.3%	36	Total Population
# Central Pediatrics St. Paul	33.3%	33.0%	60	Sample
■ Children's Respiratory & Critical Care Specialists - St Paul	32.3%	30.5%	907	Total Population
# Pediatric and Young Adult Medicine, PA - Maplewood	31.6%	31.5%	38	Total Population
University of Minnesota Physicians - Phalen Clinic	31.4%	37.8%	35	Total Population
St. Cloud Medical Group - NW- Integrity Health	31.2%	27.9%	77	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park	30.9%	25.4%	81	Total Population
# University of Minnesota Physicians -Pediatric Specialty Discovery	30.8%	30.8%	65	Total Population
Allina Medical Clinic - Shoreview	30.5%	28.6%	59	Total Population
Olmsted Medical Center - Rochester Southeast	29.8%	29.4%	158	Total Population
# Children's Pediatric & Adol. Care of MN (PACE) - West St. Paul	29.6%	25.3%	54	Total Population
HealthPartners - Arden Hills	29.4%	29.5%	51	Total Population
HealthPartners - St Paul	27.9%	32.9%	165	Total Population
HealthPartners - Brooklyn Center	27.8%	28.7%	270	Total Population
HealthPartners - Woodbury	27.3%	26.1%	337	Total Population
# Children's General Pediatric Clinic - Minneapolis	27.1%	32.4%	568	Total Population
Allina Medical Clinic - Farmington	27.0%	24.8%	74	Total Population
Glencoe Regional Health Services - Glencoe	26.6%	26.9%	158	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
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	25.6%	32.3%	90	Total Population
Stillwater Medical Group - Curve Crest Clinic	25.4%	26.7%	276	Total Population
HealthPartners - Bloomington	24.9%	28.0%	165	Total Population
Allina Health System - New Ulm Medical Center	24.8%	25.4%	157	Total Population
HealthPartners - Midway	24.7%	28.2%	243	Total Population
Aspen Medical Group - Inver Grove Heights	24.3%	24.8%	111	Total Population
Allina Medical Clinic - Forest Lake	24.2%	23.1%	99	Total Population
Allina Medical Clinic - Woodbury	23.5%	24.3%	238	Total Population
Allina Medical Clinic - Woodlake	23.5%	25.6%	51	Total Population
■ Allergy and Asthma Care, PA	22.9%	21.0%	314	Total Population
Allina Medical Clinic - West St. Paul	22.6%	26.1%	84	Total Population
Neighborhood Healthsource - Fremont Clinic	22.5%	36.8%	40	Total Population
Mayo Clinic Health System Austin	21.4%	21.6%	112	Total Population
Affiliated Community Medical Centers - Marshall Clinic	21.2%	21.6%	146	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	20.5%	21.6%	44	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	20.5%	33.1%	44	Total Population
# Children's General Pediatric Clinic - St. Paul	20.3%	20.0%	306	Total Population
# Metropolitan Pediatric Specialists - Burnsville	19.6%	19.7%	107	Total Population
Northwest Family Physicians - Crystal	19.2%	19.8%	47	Total Population
Affiliated Community Medical Centers - Benson Clinic	17.8%	23.6%	45	Total Population
Multicare Associates - Blaine Medical Center	17.5%	16.8%	57	Total Population
Northwest Family Physicians - Rogers	17.1%	19.8%	35	Total Population
Multicare Associates - Fridley Medical Center	17.1%	17.5%	88	Total Population
Mayo Clinic Health System Owatonna	16.7%	16.2%	108	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	16.1%	17.4%	31	Total Population
Olmsted Medical Center - Rochester Northwest	15.0%	15.0%	80	Total Population
NorthPoint Health & Wellness Center	14.8%	13.9%	115	Total Population
HealthPartners - Apple Valley	14.5%	14.7%	62	Total Population
St. Cloud Medical Group - South - Integrity Health	14.5%	16.5%	62	Total Population
Quello Clinic - Lakeville	13.6%	13.8%	44	Total Population
Native American Community Clinic	13.3%	27.1%	60	Sample
# Metropolitan Pediatric Specialists - Edina	12.8%	17.1%	86	Total Population
Mankato Clinic - Main Street	12.7%	12.5%	181	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	12.2%	12.4%	41	Total Population
AALFA Family Clinic	10.7%	10.4%	75	Total Population
■ St Luke's Clinics-Allergy & Immunology	9.9%	9.5%	81	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	9.3%	9.6%	43	Total Population
Stevens Community Medical Center - Specialty Clinic	7.9%	8.5%	63	Sample
Park Nicollet Clinic - Bloomington	7.9%	7.9%	127	Total Population
Park Nicollet Clinic - Eagan	7.8%	7.2%	193	Total Population
Hutchinson Medical Center	7.4%	7.7%	108	Total Population
Quello Clinic - Burnsville	7.3%	10.4%	55	Total Population
Sanford Thief River Falls Clinic	7.2%	7.7%	97	Total Population
Family Medical Center	5.1%	4.6%	39	Total Population
Park Nicollet Clinic - Brookdale	5.0%	4.9%	260	Total Population
■ Midwest Allergy & Asthma - Eagan	5.0%	4.7%	60	Sample
University of Minnesota Physicians - Broadway Family Medicine	4.9%	4.6%	123	Total Population
Raiter Clinic-Integrity Health	4.8%	5.2%	84	Total Population
Park Nicollet Clinic - Burnsville	4.6%	4.7%	194	Total Population
University of Minnesota Physicians - Bethesda Clinic	4.4%	24.6%	45	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
Buffalo Clinic P.A.- Buffalo Clinic	4.4%	4.7%	68	Total Population
Park Nicollet Clinic - Shakopee	4.1%	4.6%	195	Total Population
United Family Medicine	4.1%	5.1%	74	Total Population
Buffalo Clinic P.A. - Monticello Clinic	3.9%	3.8%	52	Total Population
Park Nicollet Clinic - Maple Grove	3.5%	4.0%	173	Total Population
Sanford Health Broadway Clinic - Alexandria	3.2%	2.2%	31	Total Population
St Luke's Clinics-Pediatrics	3.1%	3.5%	64	Total Population
Park Nicollet Clinic - Carlson	2.6%	2.3%	153	Total Population
Mankato Clinic - Daniel's Health Center	2.6%	3.0%	39	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	2.4%	2.6%	41	Total Population
Mayo Clinic Health System Mankato Eastridge	2.4%	2.8%	41	Total Population
■ Midwest Allergy & Asthmas - Burnsville	2.3%	3.0%	43	Total Population
Southside Medical Clinic	2.2%	26.4%	45	Total Population
Park Nicollet Clinic - Chanhassen	1.3%	1.3%	156	Total Population
Park Nicollet Clinic - Plymouth	0.6%	0.8%	161	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	0.0%	0.3%	60	Sample
Winona Health - Winona Clinic	0.0%	0.3%	55	Total Population
Family Practice Medical Center of Willmar	0.0%	0.3%	38	Total Population
Essentia Health - Park Rapids	0.0%	0.3%	60	Total Population
Essentia Health - Moorhead	0.0%	0.3%	60	Total Population
Park Nicollet Clinic - Minneapolis	0.0%	0.3%	209	Total Population
Sanford Detroit Lakes Clinic	0.0%	0.3%	38	Total Population
Park Nicollet Clinic - Prior Lake	0.0%	0.2%	97	Total Population
Stevens Community Medical Center	0.0%	0.3%	36	Total Population
Range Regional Hlth Services dba Fairview Mesaba- Hibbing	0.0%	0.3%	41	Total Population
Mayo Clinic Health System Albert Lea	0.0%	0.3%	139	Total Population
Mayo Clinic Health System St. Peter	0.0%	0.3%	34	Total Population
RiverView Clinic North	0.0%	0.3%	46	Total Population
Grand Itasca Clinic	0.0%	0.3%	80	Sample
Mille Lacs Health System - Onamia	0.0%	0.3%	44	Total Population
Riverwood Aitkin Clinic	0.0%	0.3%	48	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	0.0%	0.3%	70	Total Population
Avera Worthington Specialty Clinic	0.0%	0.3%	82	Total Population
Park Nicollet Clinic - St. Louis Park 3850 Bldg.	0.0%	0.2%	382	Total Population
Sanford Bemidji 1611 Anne St Clinic	0.0%	0.2%	98	Total Population
# Kundel Pediatric Associates-Integrity Health	0.0%	0.3%	65	Sample
■ Park Nicollet Clinic - St. Louis Park Asthma and Allergy	0.0%	0.3%	191	Total Population
■ Allergy, Asthma & Pulmonary Associates, PA	0.0%	0.3%	228	Total Population
Cuyuna Regional Medical Center-Clinic Services	0.0%	0.2%	151	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
■ St Paul Allergy & Asthma Clinic, P.A. Highland	96.6%	84.4%	87	Total Population
■ Advancements in Allergy and Asthma Care, Ltd.	84.8%	77.2%	590	Total Population
CentraCare - St. Joseph	84.4%	72.1%	32	Total Population
CentraCare - Becker	80.9%	77.9%	47	Total Population
■ Southdale Allergy and Asthma Clinic LLC	75.0%	67.1%	60	Sample
# Southdale Pediatric Associates, Ltd - Edina	73.3%	64.4%	60	Sample
Fairview Chisago Lakes Clinic	72.3%	70.1%	166	Total Population
Fairview Rosemount Clinic	72.1%	69.1%	104	Total Population
Fairview Uptown Clinic	72.1%	70.7%	355	Total Population
■ Allergy & Asthma Specialty Clinic	71.3%	70.4%	80	Sample
# Southdale Pediatric Associates, Ltd - Eden Prairie	70.5%	57.1%	44	Total Population
■ Allergy & Asthma Specialists, PA - Plymouth West Health	69.5%	64.2%	354	Total Population
■ Allergy & Asthma Specialists, PA - Minneapolis Medical Arts	69.3%	62.5%	375	Total Population
Allina Medical Clinic - West Health Campus	69.3%	64.2%	101	Total Population
# Southdale Pediatric Associates, Ltd - Burnsville	68.3%	59.6%	60	Sample
Allina Medical Clinic - Eagan	67.7%	64.4%	297	Total Population
Fairview RidgeValley Clinic	67.0%	66.0%	270	Total Population
Fairview North Branch Clinic	64.5%	64.5%	231	Total Population
Fairview Eagan Clinic	64.4%	60.6%	419	Total Population
CentraCare - Heartland	64.4%	64.6%	118	Total Population
Allina Medical Clinic - Brooklyn Park	64.3%	60.1%	56	Total Population
Fairview Lakeville Clinic	63.8%	59.3%	188	Total Population
Entira Family Clinics - Maplewood/Battle Creek	62.9%	60.5%	97	Total Population
Allina Medical Clinic - Faribault	62.8%	63.5%	215	Total Population
Allina Medical Clinic - Buffalo	62.7%	62.9%	263	Total Population
Allina Medical Clinic - Champlin	62.6%	59.3%	171	Total Population
Aspen Medical Group - Hopkins	62.2%	57.9%	45	Total Population
Essentia Health - Duluth Clinic 1st St	62.0%	63.1%	208	Total Population
Fairview Northeast Clinic	61.0%	60.2%	323	Total Population
# CentraCare Health Plaza-Women & Children Pediatrics	60.4%	56.8%	48	Total Population
Fairview EdenCenter Clinic	60.3%	57.0%	330	Total Population
Fairview Bass Lake Clinic	60.0%	58.6%	140	Total Population
Essentia Health - Lakeside Clinic	59.8%	60.1%	82	Total Population
Fairview Crosstown Clinic	59.8%	57.0%	164	Total Population
Allina Medical Clinic - Elk River	59.5%	57.6%	74	Total Population
Entira Family Clinics - Highland	59.3%	55.8%	81	Total Population
■ Allergy & Asthma Specialists, PA - Maple Grove - North Memorial	59.2%	55.5%	76	Total Population
Fairview Andover Clinic	58.7%	57.1%	429	Total Population
# Partners in Pediatrics Maple Grove	58.5%	51.1%	41	Total Population
■ Minnesota Lung Center/Minnesota Sleep Institute - Mpls.	57.6%	55.1%	276	Total Population
Fairview Jonathan Clinic	57.5%	50.1%	40	Total Population
Allina Medical Clinic - Ramsey	56.2%	55.3%	201	Total Population
Fairview Oxboro Clinic	55.7%	55.0%	305	Total Population
Fairview CedarRidge Clinic	55.6%	54.1%	396	Total Population
Allina Medical Clinic - Coon Rapids	55.4%	55.2%	951	Total Population
Fairview Highland Park Clinic	55.1%	53.0%	265	Total Population
Allina Medical Clinic - Cokato	54.8%	54.9%	31	Total Population
Fairview Columbia Heights Clinic	54.6%	57.7%	264	Total Population
Allina Medical Clinic - Hastings (W First St)	54.4%	54.0%	272	Total Population
Catalyst Medical Clinic	54.4%	51.3%	46	Total Population

■ Allergy/Immunology #Pediatric



## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Fridley Clinic	54.4%	54.9%	414	Total Population
HealthPartners - Roseville	54.3%	50.8%	219	Total Population
Allina Medical Clinic - Crossroads Chaska	54.2%	53.4%	118	Total Population
CentraCare Health Plaza-Family Medicine	54.1%	55.1%	148	Total Population
Entira Family Clinics - Inver Grove Heights	53.9%	50.4%	130	Total Population
Essentia Health - Hermantown Clinic	53.7%	55.6%	95	Total Population
Fairview Elk River Clinic	53.4%	53.4%	223	Total Population
Mankato Clinic - Wickersham Campus	53.3%	51.3%	195	Total Population
Mayo Clinic Health System Cannon Falls	53.1%	55.3%	32	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	52.5%	49.7%	101	Total Population
# HealthEast - Woodbury	52.1%	49.0%	238	Total Population
Fairview Rush City Clinic	52.0%	51.8%	102	Total Population
■ Children's Respiratory & Critical Care Specialists - Minnetonka	51.8%	45.4%	56	Total Population
Fairview Rogers Clinic	51.7%	49.2%	120	Total Population
HealthEast - Oakdale	51.4%	48.6%	212	Total Population
Northland Family Physicians-Integrity Health	51.3%	52.9%	39	Total Population
Fairview Hiawatha Clinic	51.3%	50.0%	316	Total Population
Fairview Maple Grove Medical Center	51.2%	48.3%	211	Total Population
HealthPartners - Lino Lakes	50.8%	49.3%	130	Total Population
Fairview Brooklyn Park Clinic	50.6%	50.6%	356	Total Population
Essentia Health - Duluth Clinic	50.4%	50.1%	131	Total Population
Allina Medical Clinic - Northfield	50.2%	49.5%	251	Total Population
Essentia Health - Hibbing Clinic	50.0%	55.0%	64	Total Population
Entira Family Clinics - Como/Roseville	50.0%	49.8%	78	Total Population
Fairview Farmington Clinic	50.0%	46.5%	84	Total Population
# South Lake Pediatrics - Minnetonka	50.0%	45.2%	46	Total Population
Fairview Savage Clinic	50.0%	43.9%	34	Total Population
Fairview Hugo Clinic	49.7%	47.6%	159	Total Population
Essentia Health - Deer River Clinic	49.0%	48.7%	51	Total Population
Entira Family Clinics - Woodbury	48.9%	47.0%	135	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	48.9%	48.6%	131	Total Population
Allina Medical Clinic - Woodlake	48.6%	48.3%	278	Total Population
Fairview Princeton Clinic	48.3%	48.7%	238	Total Population
Essentia Health - West Duluth Clinic	48.3%	53.6%	118	Total Population
Fairview Ridges Clinic	47.9%	47.1%	215	Total Population
Aspen Medical Group - Maplewood	47.1%	47.1%	329	Total Population
CentraCare Health Plaza-Internal Medicine	46.9%	45.8%	49	Total Population
Aspen Medical Group - Bloomington	46.9%	47.0%	175	Total Population
Fairview Lakes Medical Center	46.7%	46.7%	518	Total Population
Essentia Health - Aurora Clinic	46.3%	48.3%	54	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	46.2%	43.4%	132	Total Population
HealthEast - Downtown St. Paul	46.2%	44.3%	39	Total Population
Allina Medical Clinic - Shakopee	46.2%	45.1%	117	Total Population
Fairview Blaine Clinic	46.0%	43.3%	161	Total Population
Allina Medical Clinic - Cambridge Medical Center	45.7%	46.4%	527	Total Population
Allina Medical Clinic - Isles	45.2%	38.4%	135	Total Population
Fairview Pine City Clinic	45.1%	50.9%	51	Total Population
Allina Medical Clinic - Nicollet Mall	45.0%	44.7%	189	Total Population
Allina Medical Clinic - Shoreview	44.9%	40.7%	185	Total Population
Fairview Milaca Clinic	44.6%	44.6%	83	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - St. Michael	44.3%	45.3%	61	Total Population
Allina Medical Clinic - Hastings (Nininger)	44.1%	43.6%	93	Total Population
Fairview Lino Lakes Clinic	44.1%	43.6%	202	Total Population
Entira Family Clinics - West St. Paul	43.9%	43.5%	107	Total Population
Quello Clinic - Savage	43.9%	43.7%	82	Total Population
■ Children's Respiratory & Critical Care Specialists - Minneapolis	43.9%	42.4%	57	Total Population
Allina Medical Clinic - Farmington	43.8%	43.3%	112	Total Population
HealthPartners Central Minnesota Clinics	43.7%	45.3%	332	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	43.0%	41.3%	79	Total Population
HealthEast - Grand Avenue	42.9%	43.5%	147	Total Population
Allina Medical Clinic - Blaine	42.7%	40.9%	89	Total Population
Aspen Medical Group - Bandana Square	42.7%	41.2%	485	Total Population
HealthPartners - Coon Rapids	42.7%	42.8%	279	Total Population
Allina Medical Clinic - Edina	42.5%	38.4%	87	Total Population
HealthPartners - Specialty Center 401	42.4%	41.0%	450	Total Population
HealthEast - Vadnais Heights	42.4%	40.5%	99	Total Population
Quello Clinic - Edina	42.3%	39.6%	130	Total Population
Fairview Zimmerman Clinic	42.1%	40.9%	107	Total Population
Allina Medical Clinic - Forest Lake	42.0%	41.9%	207	Total Population
CentraCare River Campus-Internal Medicine	41.7%	39.8%	72	Total Population
Big Lake Clinic	41.7%	39.1%	36	Total Population
Hennepin County Med. Cntr (HCMC) Clinics - Downtown Pediatric	41.1%	45.3%	73	Total Population
HealthEast - Maplewood	40.6%	40.4%	133	Total Population
Allina Medical Clinic - Maple Grove	40.2%	39.3%	102	Total Population
Allina Medical Clinic - Annandale	40.0%	39.7%	45	Total Population
HealthEast - Eagan	39.5%	34.8%	38	Total Population
HealthPartners - West	39.4%	38.1%	165	Total Population
Essentia Health - Virginia Clinic	39.0%	44.8%	77	Total Population
HealthPartners - Elk River	38.8%	37.6%	147	Total Population
Rainy Lake Medical Center	38.2%	38.2%	55	Total Population
HealthPartners - Anoka	37.8%	38.1%	323	Total Population
Entira Family Clinics - North St. Paul	37.6%	35.8%	93	Total Population
Allina Medical Clinic - Cottage Grove	37.2%	37.2%	312	Total Population
HealthPartners - Riverside	36.7%	36.0%	346	Total Population
Aspen Medical Group - Highland	36.4%	35.2%	55	Total Population
HealthPartners - Cottage Grove	36.4%	35.7%	44	Total Population
Allina Medical Clinic - West St. Paul	35.8%	36.0%	307	Total Population
Entira Family Clinics - Vadnais Heights	35.7%	34.8%	56	Total Population
Allina Medical Clinic - The Doctors Uptown	34.7%	35.5%	101	Total Population
HealthPartners - Hlth Ctr for Women	33.2%	32.5%	184	Total Population
HealthEast - Hugo	32.4%	31.9%	34	Total Population
Allina Medical Clinic - Woodbury	31.5%	30.6%	524	Total Population
North Memorial Clinic - Golden Valley Physicians	31.4%	30.6%	140	Total Population
HealthEast - Rice Street	31.3%	30.5%	112	Total Population
North Memorial - Silver Lake Clinic Blaine	30.9%	31.2%	81	Total Population
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	30.6%	29.7%	121	Total Population
University of Minnesota Physicians - Smiley's Clinic	30.0%	34.8%	80	Total Population
HealthPartners - White Bear Lake	29.9%	29.5%	147	Total Population
HealthEast - Cottage Grove	29.4%	27.0%	119	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	29.4%	27.3%	102	Total Population

■ Allergy/Immunology #Pediatric



## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Aspen Medical Group - Inver Grove Heights	29.2%	28.8%	130	Total Population
Affiliated Community Medical Centers - Willmar Clinic	29.2%	30.6%	370	Total Population
Aspen Medical Group - East Lake Street	29.1%	32.4%	103	Total Population
HealthPartners - Woodbury	28.7%	26.7%	286	Total Population
HealthPartners - Maplewood	28.4%	30.1%	257	Total Population
Entira Family Clinics - East Side	28.1%	25.8%	57	Total Population
Fairview Riverside Primary Care Clinic	28.0%	42.7%	75	Total Population
HealthPartners - Bloomington	27.6%	27.9%	232	Total Population
Olmsted Medical Center - Byron Clinic	27.3%	27.3%	33	Total Population
HealthEast - Midway	26.9%	27.5%	67	Total Population
Northwest Family Physicians - Rogers	26.7%	25.4%	86	Total Population
Mayo Clinic - Speciality Practice	26.5%	24.2%	475	Total Population
HealthEast - Roselawn	26.1%	29.0%	88	Total Population
North Memorial - Silver Lake Clinic St. Anthony	26.1%	24.2%	119	Total Population
HealthPartners - Andover	26.0%	23.7%	204	Total Population
Mid Minnesota Family Medicine Center	25.6%	40.2%	90	Total Population
Children's Respiratory & Critical Care Specialists - St Paul	25.4%	23.8%	122	Total Population
Mayo Clinic Health System Austin	24.5%	24.4%	151	Total Population
Fairview Red Wing Zumbrota Clinic	23.8%	25.1%	42	Total Population
Essentia Health St. Joseph's - Brainerd Clinic	23.6%	24.7%	123	Total Population
Allina Medical Clinic - United Medical Specialties	23.3%	23.7%	60	Total Population
Olmsted Medical Center - Rochester Southeast	23.3%	23.5%	313	Total Population
Hennepin Co. Med. Cntr (HCMC) Clinics - Internal Med. at Parkside	23.3%	21.2%	73	Total Population
Fairview Red Wing Medical Center	23.1%	23.3%	294	Total Population
HealthPartners - Brooklyn Center	23.0%	24.3%	213	Total Population
Northwest Family Physicians - Crystal	23.0%	23.2%	209	Total Population
Allina Health System - New Ulm Medical Center	22.9%	22.6%	157	Total Population
Sanford Laverne Clinic	22.5%	21.7%	49	Total Population
Entira Family Clinics - Shoreview	22.2%	21.1%	45	Total Population
Quello Clinic - Lakeville	21.7%	24.1%	115	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park	21.1%	28.1%	76	Total Population
HealthPartners - Inver Grove Heights	20.8%	20.8%	183	Total Population
Fairview Riverside	20.7%	20.9%	58	Total Population
HealthPartners - Arden Hills	20.6%	18.9%	126	Total Population
Burnsville Family Physicians	20.3%	21.6%	128	Total Population
University of Minnesota Physicians - Phalen Clinic	19.7%	26.5%	66	Total Population
HealthPartners - Midway	19.1%	29.0%	110	Total Population
HealthPartners - Apple Valley	19.0%	18.8%	142	Total Population
AALFA Family Clinic	17.1%	15.7%	146	Total Population
Range Medical Services-Integrity Health	17.0%	12.0%	53	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	17.0%	19.4%	59	Total Population
Affiliated Community Medical Centers - New London Clinic	16.7%	18.2%	42	Total Population
Multicare Associates - Roseville Medical Center	16.4%	16.4%	73	Total Population
Park Nicollet Clinic - Eagan	16.1%	15.9%	310	Total Population
Affiliated Community Medical Centers - Benson Clinic	16.1%	18.2%	62	Total Population
Northwest Family Physicians - Plymouth	15.8%	15.3%	101	Total Population
St. Cloud Medical Group - South - Integrity Health	15.8%	16.2%	101	Total Population
Mayo Clinic Health System Lake City	15.6%	12.3%	32	Total Population
Mayo Clinic - Northwest	15.3%	15.3%	59	Total Population
Multicare Associates - Fridley Medical Center	14.9%	15.3%	168	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
FirstLight Health System - Mora	14.8%	15.7%	54	Total Population
Allina Health Syst. - Abbott Northwestern Gnrl Med. Assoc.- Edina	14.6%	16.8%	82	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	14.6%	15.2%	48	Total Population
Glencoe Regional Health Services - Glencoe	14.5%	16.2%	76	Total Population
University of Minnesota Physicians - Mill City Clinic	13.9%	15.5%	36	Total Population
Quello Clinic - Burnsville	13.9%	14.5%	130	Total Population
HealthPartners - Como	13.7%	13.3%	306	Total Population
Allergy and Asthma Care, PA	13.6%	11.6%	176	Total Population
Mayo Clinic Health System Owatonna	13.6%	13.8%	155	Total Population
Multicare Associates - Blaine Medical Center	12.7%	12.1%	134	Total Population
Raiter Clinic-Integrity Health	11.7%	15.0%	60	Sample
Affiliated Community Medical Centers - Marshall Clinic	11.6%	11.5%	284	Total Population
Gateway Family Health Clinic - Moose Lake	11.4%	17.8%	44	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	11.0%	9.6%	336	Total Population
Park Nicollet Clinic - Brookdale	10.7%	10.8%	394	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	10.4%	12.2%	96	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	10.4%	13.8%	202	Total Population
Mankato Clinic - Main Street	10.3%	10.9%	126	Total Population
Mayo Clinic - Northeast	10.3%	11.9%	117	Total Population
Stevens Community Medical Center - Specialty Clinic	10.0%	12.0%	60	Sample
HealthPartners - St Paul	8.8%	10.1%	273	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (West)	8.8%	9.3%	57	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	8.7%	9.5%	69	Total Population
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Cntr	8.3%	9.2%	36	Total Population
Olmsted Medical Center - Rochester Northwest	8.2%	8.1%	61	Total Population
Stillwater Medical Group - Curve Crest Clinic	8.0%	8.0%	423	Total Population
University of Minnesota Physicians - Bethesda Clinic	7.9%	17.7%	101	Total Population
Hennepin County Medical Center (HCMC) Clinics -Downtown Med.	7.7%	4.5%	403	Total Population
Mayo Clinic Health System Mankato Northridge	7.7%	8.6%	65	Total Population
North Memorial Clinic - Camden Physicians, Mpls	7.6%	8.1%	79	Total Population
University of Minnesota Physicians - Primary Care Center	7.5%	7.2%	67	Total Population
Park Nicollet Clinic - Burnsville	7.0%	6.6%	430	Total Population
St Luke's Clinics-Allergy & Immunology	6.8%	8.4%	103	Total Population
Park Nicollet Clinic - Maple Grove	6.7%	6.6%	269	Total Population
Native American Community Clinic	6.7%	12.9%	60	Sample
Park Nicollet Clinic - Bloomington	6.5%	7.2%	199	Total Population
Park Nicollet Clinic - Carlson	6.4%	5.6%	299	Total Population
St. Cloud Medical Group - NW- Integrity Health	6.3%	6.6%	80	Total Population
Mayo Clinic Health System Mankato Eastridge	6.1%	5.4%	82	Total Population
Neighborhood Healthsource-Central Clinic	6.1%	21.0%	33	Total Population
University of Minnesota Physicians - Transplant Center	5.9%	8.1%	34	Total Population
HealthPartners - Eagan	5.9%	7.2%	34	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	5.8%	9.5%	86	Total Population
HealthPartners - Adult & Seniors Health	5.6%	6.0%	89	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	5.6%	5.1%	557	Total Population
Neighborhood Healthsource - Fremont Clinic	5.4%	16.4%	56	Total Population
North Memorial Clinic - Minnetonka Physicians	5.3%	5.1%	75	Total Population
Sanford Thief River Falls Clinic	5.1%	4.7%	175	Total Population
Mankato Clinic - Daniel's Health Center	5.0%	6.2%	60	Total Population
Family Medical Center	4.9%	3.4%	61	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Park Nicollet Clinic - Golden Valley	4.6%	4.1%	154	Total Population
Hutchinson Medical Center	4.6%	5.4%	88	Total Population
North Memorial Clinic - Elk River Physicians	4.0%	5.0%	75	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	4.0%	4.0%	152	Total Population
Mayo Clinic - Kasson	3.9%	5.4%	52	Total Population
Sawtooth Mountain Clinic, Inc	3.9%	4.5%	52	Total Population
France Avenue Family Physicians	3.5%	5.8%	115	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	3.3%	3.5%	120	Total Population
Essentia Health - Park Rapids	3.3%	5.8%	60	Total Population
Mayo Clinic Health System Le Sueur	3.2%	5.7%	31	Total Population
Park Nicollet Clinic - St. Louis Park Asthma and Allergy	2.6%	2.4%	609	Total Population
North Memorial Clinic - Brooklyn Center Physicians	2.6%	9.2%	39	Total Population
North Memorial Clinic - Northeast Family Physicians	2.4%	4.2%	42	Total Population
NorthPoint Health & Wellness Center	2.3%	0.8%	267	Total Population
Park Nicollet Clinic - Prairie Center	2.2%	2.4%	139	Total Population
United Family Medicine	2.0%	4.2%	245	Total Population
Lakewood Health System - Staples Clinic	2.0%	1.1%	50	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	1.8%	3.4%	55	Total Population
Hennepin County Medical Center (HCMC) Clinics - Positive Care	1.8%	1.1%	56	Total Population
Park Nicollet Clinic - Shakopee	1.8%	1.8%	338	Total Population
Range Regional Health Services dba Fairview Mesaba - Hibbing	1.7%	2.1%	60	Sample
University of Minnesota Physicians - Broadway Family Medicine	1.6%	0.5%	252	Total Population
Sanford Detroit Lakes Clinic	1.6%	1.7%	64	Total Population
Mankato Clinic - North Mankato	1.5%	2.1%	69	Total Population
Duluth Family Practice Center-Integrity Health	1.5%	0.7%	69	Total Population
Boynton Health Service	1.4%	3.5%	147	Total Population
North Memorial Clinic - Brooklyn Park Physicians	1.3%	2.0%	76	Total Population
Southside Medical Clinic	1.2%	4.6%	81	Total Population
Sanford South Moorhead Clinic	1.0%	1.5%	100	Total Population
Park Nicollet Clinic - Chanhassen	0.7%	1.0%	271	Total Population
Park Nicollet Clinic - Minneapolis	0.5%	0.6%	211	Total Population
Sanford Walker Clinic	0.0%	0.7%	36	Total Population
Ridgeview Delano Clinic	0.0%	0.9%	81	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	0.0%	0.3%	60	Sample
Winona Health - Winona Clinic	0.0%	0.2%	117	Total Population
Family Practice Medical Center of Willmar	0.0%	0.3%	53	Total Population
Apple Valley Medical Clinic - Family Practice	0.0%	0.4%	64	Total Population
Essentia Health - Moorhead	0.0%	0.7%	60	Total Population
North Clinic - Oakdale Office in Robbinsdale	0.0%	0.0%	122	Total Population
North Clinic - Maple Grove Office	0.0%	0.8%	111	Total Population
North Clinic - Osseo Office	0.0%	1.1%	84	Total Population
North Clinic - WestHealth Office in Plymouth	0.0%	1.0%	86	Total Population
Park Nicollet Clinic - Creekside	0.0%	0.9%	61	Total Population
Park Nicollet Clinic - Plymouth	0.0%	0.8%	214	Total Population
Park Nicollet Clinic - Wayzata	0.0%	0.8%	115	Total Population
Ridgeview Excelsior Clinic	0.0%	4.3%	47	Total Population
Ridgeview Westonka Clinic	0.0%	0.6%	141	Total Population
Sanford East Grand Forks Clinic	0.0%	0.9%	57	Total Population
Ridgeview Chanhassen Clinic	0.0%	0.9%	109	Total Population
Park Nicollet Clinic - Prior Lake	0.0%	0.5%	165	Total Population

■ Allergy/Immunology #Pediatric

## Optimal Asthma Care- Children Ages 18-50 (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Altru Health System - Roseau	0.0%	0.9%	35	Total Population
Paynesville Medical Clinic	0.0%	0.9%	42	Total Population
Stevens Community Medical Center	0.0%	0.6%	62	Sample
Edina Family Physicians, P.A.	0.0%	5.0%	60	Sample
Community-University Health Care Center	0.0%	16.9%	49	Total Population
Edina Sports Health & Wellness	0.0%	1.3%	210	Total Population
St Luke's Clinics-Denfled	0.0%	0.5%	35	Total Population
St Luke's Clinics-P.S. Rudie Medical Clinic	0.0%	0.4%	45	Total Population
St Luke's Clinics-Internal Medicine Associates	0.0%	0.0%	83	Total Population
Mayo Clinic Health System Albert Lea	0.0%	0.0%	165	Total Population
Mayo Clinic Health System Fairmont	0.0%	0.7%	46	Total Population
Mayo Clinic Health System Waseca	0.0%	0.8%	37	Total Population
Mayo Clinic Health System St. Peter	0.0%	0.5%	53	Total Population
RiverView Clinic North	0.0%	15.6%	46	Total Population
Stevens Community Medical Center - Starbuck Clinic	0.0%	0.7%	62	Sample
Buffalo Clinic P.A.- Buffalo Clinic	0.0%	0.7%	73	Total Population
Buffalo Clinic P.A. - Monticello Clinic	0.0%	0.7%	68	Total Population
Grand Itasca Clinic	0.0%	0.0%	80	Sample
Mille Lacs Health System - Onamia	0.0%	1.2%	60	Sample
Riverwood Aitkin Clinic	0.0%	0.2%	64	Total Population
Sanford Worthington Clinic	0.0%	0.8%	58	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	0.0%	0.0%	151	Total Population
Sanford Bemidji Main Clinic	0.0%	0.0%	119	Total Population
Avera Worthington Specialty Clinic	0.0%	0.6%	63	Total Population
Riverwood McGregor Clinic	0.0%	0.9%	48	Total Population
Sanford Bagley Clinic	0.0%	1.7%	35	Total Population
Park Nicollet Clinic - Shorewood	0.0%	1.1%	76	Total Population
Ortonville Area Health Services-Northside Medical Clinic	0.0%	1.1%	34	Total Population
Sanford Bemidji 1611 Anne St Clinic	0.0%	0.5%	79	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	0.0%	0.8%	71	Total Population
St Luke's Clinics-Pulmonology	0.0%	0.0%	67	Total Population
Winona Health - Family Medicine	0.0%	0.9%	34	Total Population
■ Park Nicollet Clinic - Meadowbrook - Pulmonary Medicine	0.0%	2.4%	62	Total Population
New Hope Crystal Medical Clinic	0.0%	0.4%	75	Total Population
■ Allergy, Asthma & Pulmonary Associates, PA	0.0%	0.9%	164	Total Population
Sanford Health Broadway Clinic - Alexandria	0.0%	0.5%	81	Total Population
Cuyuna Regional Medical Center-Clinic Services	0.0%	0.6%	275	Total Population
■ Midwest Allergy & Asthma - Eagan	0.0%	3.5%	60	Sample
■ Midwest Allergy & Astmas - Burnsville	0.0%	3.0%	49	Total Population

■ Allergy/Immunology #Pediatric

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
^ Clinic Sofia Ob/Gyn	96.7%	90.2%	61	Sample
^ Partners Obstetrics & Gynecology, PA	91.9%	87.1%	62	Sample
CentraCare Health Plaza-Internal Medicine	89.2%	87.3%	1866	Total Population
Steven Saliterman, MD	88.3%	84.3%	60	Sample
St Luke's Clinics-P.S. Rudie Medical Clinic	88.3%	85.8%	60	Sample
^ Paul Larson OB/GYN Clinic, PA	88.3%	81.5%	60	Sample
CentraCare River Campus-Internal Medicine	87.5%	86.2%	4444	Total Population
Mayo Clinic - Northeast	86.0%	85.0%	3297	Total Population
HealthEast - Hugo	85.8%	84.8%	698	Total Population
HealthEast - Midway	85.7%	83.3%	2806	Total Population
Mayo Clinic - Northwest	85.5%	85.0%	1977	Total Population
Sanford Black Duck Clinic	85.1%	85.5%	558	Total Population
Southdale Internal Medicine, P.A.	85.0%	81.3%	60	Sample
Mayo Clinic Health System Faribault Hwy 60	85.0%	84.3%	1305	Total Population
Sanford South Moorhead Internal Medicine	84.5%	82.6%	1627	Total Population
Mayo Clinic - Baldwin Building, Family Medicine	84.2%	83.5%	4574	Total Population
Lake Superior Internal Medicine-Integrity Health	83.3%	80.8%	60	Sample
Catalyst Medical Clinic	83.3%	80.1%	60	Sample
HealthEast - Vadnais Heights	83.0%	82.1%	2477	Total Population
Allina Health Syst. -Abbott Northwestern Gnrl Med. Assoc. - Edina	82.6%	81.0%	4629	Total Population
CentraCare - St. Joseph	82.5%	81.3%	1154	Total Population
Fairview RidgeValley Clinic	82.3%	82.8%	1585	Total Population
HealthEast - Downtown St. Paul	81.8%	79.7%	3172	Total Population
HealthEast - Woodbury	81.7%	79.4%	3956	Total Population
Fairview Rosemount Clinic	81.5%	81.8%	1356	Total Population
Park Nicollet Clinic - St. Louis Park Internal Medicine	81.4%	79.6%	8933	Total Population
HealthEast Roseville Clinic	81.2%	79.4%	319	Total Population
North Clinic - Osseo Office	81.0%	77.8%	79	Sample
Affiliated Community Medical Centers - Willmar Clinic	81.0%	79.9%	7229	Total Population
Mayo Clinic Health System Kenyon	80.9%	80.6%	68	Total Population
HealthPartners - White Bear Lake	80.8%	80.0%	2983	Total Population
HealthPartners - Hlth Ctr for Women	80.8%	80.2%	2532	Total Population
Avera - United Medical Clinic	80.5%	78.9%	82	Sample
Park Nicollet Clinic - Carlson	80.4%	78.1%	6524	Total Population
Mayo Clinic - Baldwin Building, Primary Care Internal Medicine	80.2%	79.5%	9458	Total Population
^ Allina Medical Clinic - Ob/Gyn Specialists	80.1%	78.3%	1126	Total Population
Essentia Health St. Joseph's - Pillager	80.0%	77.6%	60	Sample
^ Southdale Obstetric and Gynecology Consultants- Edina	80.0%	71.5%	60	Sample
Fairview Lakeville Clinic	79.9%	80.7%	860	Total Population
Quello Clinic - Edina	79.5%	78.3%	2179	Total Population
Fairview EdenCenter Clinic	79.4%	80.6%	3518	Total Population
Mankato Clinic - Mapleton	79.4%	77.4%	499	Total Population
CentraCare Health Plaza-Family Medicine	79.3%	78.2%	1985	Total Population
Fairview Ridges Clinic	79.0%	79.6%	5111	Total Population
CentraCare Health System Melrose	79.0%	77.5%	1672	Total Population
HealthEast - Maplewood	79.0%	77.8%	1404	Total Population
Mankato Clinic - North Mankato	78.9%	76.4%	2113	Total Population
HealthPartners - Arden Hills	78.8%	77.6%	3185	Total Population
HealthEast - Oakdale	78.8%	76.9%	2589	Total Population
Sanford Canby Clinic	78.8%	75.7%	80	Sample

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
^ OBGYN West - Ridgedale	78.8%	75.9%	80	Sample
North Memorial Clinic - Maple Grove	78.7%	76.8%	2754	Total Population
Affiliated Community Medical Centers - Marshall (Bruce Street)	78.7%	77.6%	356	Total Population
CentraCare - Heartland	78.6%	77.9%	2414	Total Population
HealthEast Stillwater Clinic	78.6%	76.6%	294	Total Population
HealthPartners Central Minnesota Clinics	78.5%	77.4%	4421	Total Population
Mayo Clinic - Kasson	78.4%	77.2%	2583	Total Population
St Luke's Clinics-Mount Royal	78.3%	76.5%	60	Sample
St. Mary's Innovis Health Clinic - Frazee	78.3%	78.7%	60	Sample
Fairview Oxboro Clinic	77.9%	78.0%	5171	Total Population
Fairview Crosstown Clinic	77.8%	78.7%	2916	Total Population
^ CentraCare Health Plaza-Women & Children OB/GYN	77.8%	77.2%	1185	Total Population
Sanford Bemidji Main Clinic Internal Medicine	77.8%	76.9%	2501	Total Population
Mankato Clinic - Wickersham Campus	77.6%	75.0%	2110	Total Population
Affiliated Community Medical Centers - New London Clinic	77.6%	76.3%	1252	Total Population
St. Cloud Medical Group - Cold Spring - Integrity Health	77.5%	76.6%	80	Sample
HealthPartners - Apple Valley	77.5%	76.4%	2255	Total Population
^ Women's Health Center	77.4%	71.7%	84	Total Population
Park Nicollet Clinic - Plymouth	77.2%	75.4%	4204	Total Population
HealthPartners - Maplewood	77.1%	77.2%	2786	Total Population
HealthPartners - Como	77.1%	75.0%	5590	Total Population
Essentia Health - Duluth Clinic 1st St	77.0%	76.5%	5830	Total Population
Mayo Clinic Health System St. Peter	77.0%	75.8%	1766	Total Population
Allina Medical Clinic - Buffalo	76.8%	76.1%	2470	Total Population
Park Nicollet Clinic - Golden Valley	76.8%	75.4%	3242	Total Population
Lakeview Clinic - Waconia	76.7%	74.5%	60	Sample
Sharpe Dillon Cockson & Associates PA	76.7%	72.8%	60	Sample
Mayo Clinic Health System Mankato Eastridge	76.6%	76.3%	2466	Total Population
Quello Clinic - Lakeville	76.5%	74.0%	2331	Total Population
Aspen Medical Group - White Bear Lake	76.5%	74.6%	1281	Total Population
Mayo Clinic Health System Mankato Northridge	76.5%	75.0%	2061	Total Population
Entira Family Clinics - Maplewood/Battle Creek	76.4%	74.1%	2597	Total Population
North Clinic - WestHealth Office in Plymouth	76.3%	75.1%	80	Sample
Mankato Clinic - Daniel's Health Center	76.2%	73.8%	726	Total Population
HealthPartners - Eagan	76.1%	75.4%	447	Total Population
HealthPartners - Woodbury	76.0%	75.0%	5288	Total Population
HealthPartners - Coon Rapids	76.0%	75.8%	3948	Total Population
^ Entira Family Clinics - Highland	76.0%	74.0%	2197	Total Population
HealthEast - Cottage Grove	76.0%	73.7%	2501	Total Population
Fairview Eagan Clinic	76.0%	77.4%	416	Total Population
Sanford Bemidji Main Clinic Family Medicine	75.9%	74.7%	2082	Total Population
Park Nicollet Clinic - Shorewood	75.9%	74.0%	2150	Total Population
Mankato Clinic - Main Street	75.8%	74.3%	4522	Total Population
Fairview Maple Grove Medical Center	75.8%	77.4%	1389	Total Population
HealthPartners - West	75.7%	74.5%	2951	Total Population
Aspen Medical Group - Highland	75.5%	74.4%	1439	Total Population
Sanford New York Mills Clinic	75.4%	75.7%	439	Total Population
Fairview Hiawatha Clinic	75.3%	76.5%	2274	Total Population
HealthEast - Eagan	75.1%	74.3%	185	Total Population
Sanford Perham Clinic	75.1%	75.9%	1294	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
CentraCare - Becker	75.1%	73.7%	951	Total Population
Essentia Health St. Joseph's - Pierz Clinic	75.0%	73.3%	60	Sample
^ Essentia Health St. Joseph's - Brainerd Clinic	75.0%	75.0%	60	Sample
Park Nicollet Clinic - Eagan	74.9%	72.9%	4178	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	74.9%	74.4%	1566	Total Population
Fairview Uptown Clinic	74.9%	75.8%	1812	Total Population
^ Oakdale Obstetrics & Gynecology, PA - WestHealth	74.9%	72.5%	656	Total Population
Gundersen Lutheran - La Crescent Clinic	74.8%	74.0%	857	Total Population
Fairview CedarRidge Clinic	74.7%	75.8%	2992	Total Population
Allina Medical Clinic - The Doctors Uptown	74.7%	74.1%	1294	Total Population
Allina Medical Clinic - Edina	74.6%	74.6%	2697	Total Population
HealthEast - Grand Avenue	74.5%	73.8%	1420	Total Population
Fairview Bass Lake Clinic	74.5%	76.0%	768	Total Population
Fairview Highland Park Clinic	74.4%	75.8%	2002	Total Population
Johnson Memorial Health Services - Boyd Clinic	74.4%	69.6%	39	Total Population
Fairview Fridley Clinic	74.1%	75.6%	1273	Total Population
HealthPartners - Roseville	74.1%	72.2%	2313	Total Population
HealthPartners - Adult & Seniors Health	74.0%	75.6%	3470	Total Population
Fairview Princeton Clinic	73.9%	75.9%	3309	Total Population
Grand Itasca Clinic	73.8%	73.6%	80	Sample
HealthPartners - Brooklyn Center	73.7%	74.3%	3328	Total Population
Allina Medical Clinic - Shoreview	73.7%	71.4%	4975	Total Population
HealthPartners - Bloomington	73.7%	73.4%	3427	Total Population
Allina Medical Clinic - Isles	73.7%	72.7%	2558	Total Population
Entira Family Clinics - White Bear Lake-Bellaire Avenue	73.6%	70.6%	1751	Total Population
Park Nicollet Clinic - Maple Grove	73.5%	72.5%	3473	Total Population
Park Nicollet Clinic - Chanhassen	73.5%	71.3%	5489	Total Population
Park Nicollet Clinic - Prairie Center	73.5%	71.3%	3210	Total Population
Fairview Lakes Medical Center	73.4%	74.5%	4742	Total Population
Essentia Health - Hermantown Clinic	73.4%	71.8%	3283	Total Population
Quello Clinic - Chanhassen	73.4%	73.7%	767	Total Population
Richfield Medical Group	73.3%	69.9%	60	Sample
St Luke's Clinics-Internal Medicine Associates	73.3%	73.0%	60	Sample
^ Women's Health Consultants - TCF Tower	73.3%	68.9%	60	Sample
Mayo Clinic Health System- Franciscan Healthcare in LaCrescent	73.1%	71.4%	691	Total Population
Fairview Elk River Clinic	73.1%	74.2%	2182	Total Population
Edina Sports Health & Wellness	73.0%	72.1%	1857	Total Population
Family Practice Medical Center of Willmar	72.8%	71.2%	2862	Total Population
Fairview Northeast Clinic	72.8%	74.4%	2208	Total Population
North Memorial Clinic - Camden Physicians, Plymouth	72.8%	71.3%	2291	Total Population
Stillwater Medical Group - Curve Crest Clinic	72.7%	68.2%	13402	Total Population
St. Cloud Medical Group - South - Integrity Health	72.5%	71.5%	80	Sample
Fairview Chisago Lakes Clinic	72.5%	73.7%	2025	Total Population
Park Nicollet Clinic - Burnsville	72.4%	70.6%	7613	Total Population
Allina Medical Clinic - Nicollet Mall	72.4%	71.6%	2955	Total Population
Aspen Medical Group - Hopkins	72.3%	71.2%	1093	Total Population
Allina Medical Clinic - Blaine	72.3%	70.7%	1619	Total Population
Allina Medical Clinic - United Medical Specialties	72.2%	70.9%	2392	Total Population
Fairview Brooklyn Park Clinic	72.1%	75.1%	3262	Total Population
CentraCare Health System Long Prairie	72.0%	72.1%	1216	Total Population

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Lino Lakes	72.0%	70.5%	1441	Total Population
Sanford Detroit Lakes Clinic	72.0%	71.6%	2683	Total Population
Sanford South Moorhead Family Medicine	72.0%	70.2%	1644	Total Population
Allina Medical Clinic - Elk River	72.0%	70.7%	1907	Total Population
Essentia Health - West Duluth Clinic	71.8%	71.4%	3693	Total Population
St. Mary's Innovis Health - Lake Park	71.7%	71.5%	60	Sample
Fairview Jonathan Clinic	71.7%	71.5%	1016	Total Population
North Memorial Clinic - Minnetonka Physicians	71.6%	71.3%	1189	Total Population
Allina Medical Clinic - Crossroads Chaska	71.5%	69.1%	2421	Total Population
North Clinic - Oakdale Office in Robbinsdale	71.4%	71.1%	77	Sample
Mayo Clinic Health System Owatonna	71.3%	71.3%	7342	Total Population
Sanford Bemidji 1611 Anne St Clinic	71.3%	71.5%	1511	Total Population
Entira Family Clinics - White Bear Lake/Banning Ave	71.3%	69.2%	2424	Total Population
HealthPartners - Inver Grove Heights	71.2%	70.0%	1606	Total Population
Sanford Cass Lake Clinic	71.1%	72.1%	246	Total Population
Sanford Luverne Clinic	71.1%	69.0%	2449	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	71.1%	68.6%	715	Total Population
Park Nicollet Clinic - Brookdale	71.0%	70.9%	5219	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	71.0%	70.4%	6440	Total Population
Park Nicollet Clinic - Bloomington	71.0%	69.2%	4468	Total Population
^ John A. Haugen Associates, PA	70.9%	68.8%	79	Sample
Fairview Milaca Clinic	70.9%	73.1%	1267	Total Population
North Memorial Clinic - Brooklyn Center Physicians	70.8%	71.2%	884	Total Population
Duluth Family Practice Center-Integrity Health	70.7%	71.9%	75	Sample
Essentia Health - Lakeside Clinic	70.6%	69.4%	2438	Total Population
Allina Medical Clinic - Woodlake	70.6%	70.2%	4697	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Oakdale Medical Building	70.5%	68.7%	448	Total Population
HealthEast - Rice Street	70.5%	72.2%	1543	Total Population
Mayo Clinic Health System Cannon Falls	70.5%	69.0%	1168	Total Population
Mayo Clinic Health System Springfield	70.4%	70.0%	1047	Total Population
Allina Medical Clinic - Faribault	70.4%	69.3%	4357	Total Population
Allina Medical Clinic - Eagan	70.3%	69.2%	2626	Total Population
Fairview Hugo Clinic	70.2%	70.5%	889	Total Population
Quello Clinic - Burnsville	70.1%	69.3%	2287	Total Population
St. Cloud Medical Group - NW- Integrity Health	70.0%	68.7%	80	Sample
Mayo Clinic Health System Belle Plaine	70.0%	68.3%	60	Sample
Fairview Andover Clinic	70.0%	72.0%	3781	Total Population
CentraCare Clinic-Sauk Centre	69.8%	69.0%	1226	Total Population
Quello Clinic - Savage	69.8%	68.7%	1111	Total Population
Affiliated Community Medical Centers - Marshall Clinic	69.7%	68.5%	3972	Total Population
Fairview Columbia Heights Clinic	69.7%	72.1%	3159	Total Population
HealthPartners - St Paul	69.7%	70.2%	3884	Total Population
Sanford Halstad Clinic	69.7%	67.9%	33	Total Population
Sanford Tracy Clinic	69.6%	70.2%	79	Sample
Mayo Clinic Health System Austin	69.6%	69.5%	5362	Total Population
Sanford Health Broadway Clinic - Alexandria	69.5%	68.4%	3451	Total Population
HealthPartners - Elk River	69.4%	68.3%	2553	Total Population
Mayo Clinic Health System Lamberton	69.3%	67.4%	75	Total Population
Fairview Savage Clinic	69.3%	71.1%	192	Total Population
North Memorial Clinic - Camden Physicians, Mpls	69.3%	68.9%	940	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Allina Medical Clinic - Hastings (Nininger)	69.1%	67.7%	2377	Total Population
Entira Family Clinics - Woodbury	69.1%	66.8%	3319	Total Population
Northwest Family Physicians - Plymouth	69.0%	67.1%	1812	Total Population
Fairview Lino Lakes Clinic	69.0%	69.9%	1591	Total Population
Northwest Family Physicians - Rogers	69.0%	67.6%	1195	Total Population
Fairview Red Wing Medical Center	68.9%	70.7%	6251	Total Population
Essentia Health - Deer River Clinic	68.9%	69.1%	1638	Total Population
Sanford Thief River Falls Clinic	68.9%	71.8%	4077	Total Population
HealthPartners - Anoka	68.8%	67.5%	3928	Total Population
HealthPartners - Cottage Grove	68.8%	67.6%	407	Total Population
St. Cloud Medical Group - Clearwater - Integrity Health	68.8%	68.3%	80	Sample
Entira Family Clinics - Como/Roseville	68.7%	67.2%	1981	Total Population
HealthPartners - Riverside	68.7%	69.9%	2979	Total Population
Avera Worthington Specialty Clinics - Fulda	68.6%	66.2%	35	Total Population
North Memorial Clinic - Camden Physicians, Maple Grove	68.5%	67.4%	2692	Total Population
Essentia Health - Duluth Clinic	68.5%	67.9%	54	Total Population
Entira Family Clinics - Vadnais Heights	68.4%	66.8%	2009	Total Population
Allina Medical Clinic - Maple Grove	68.4%	68.1%	1616	Total Population
Entira Family Clinics - Shoreview	68.4%	66.6%	1920	Total Population
Gundersen Lutheran - Houston	68.4%	68.2%	253	Total Population
HealthPartners - Andover	68.3%	66.5%	2940	Total Population
Parkway Family Physicians	68.3%	65.7%	60	Sample
Stevens Community Medical Center	68.3%	68.6%	60	Sample
St Luke's Clinics-Duluth Internal Medicine Associates	68.3%	68.7%	60	Sample
Lake View Clinic - Two Harbors	68.3%	67.0%	60	Sample
Lake Region Healthcare Clinic Services - Fergus Falls	68.3%	67.2%	60	Sample
Entira Family Clinics - Inver Grove Heights	68.3%	65.9%	2778	Total Population
Sanford Mahnommen Clinic	68.2%	67.6%	321	Total Population
Fairview North Branch Clinic	68.2%	69.9%	1475	Total Population
Affiliated Community Medical Centers - Litchfield Clinic (East)	68.1%	67.6%	1389	Total Population
Fairview Farmington Clinic	68.1%	68.2%	310	Total Population
Gundersen Lutheran - Spring Grove Clinic	67.9%	68.5%	464	Total Population
Mayo Clinic Health System- Franciscan Healthcare in Caledonia	67.8%	67.5%	751	Total Population
Boynton Health Service	67.5%	68.2%	536	Total Population
^OBGYN West - Eden Prairie	67.5%	67.6%	80	Sample
Mayo Clinic Health System Le Sueur	67.5%	66.7%	897	Total Population
Gateway Family Health Clinic - Moose Lake	67.2%	66.9%	2073	Total Population
Allina Medical Clinic - Crossroads Shakopee Dean Lakes	67.1%	65.3%	1570	Total Population
Aspen Medical Group - Bandana Square	67.0%	66.2%	5850	Total Population
^ Allina Medical Clinic - Parkview Ob/Gyn St. Paul	66.7%	64.1%	631	Total Population
Edina Family Physicians, P.A.	66.7%	65.9%	60	Sample
Raiter Clinic-Integrity Health	66.7%	65.7%	60	Sample
St. Mary's Innovis Health Clinic - Detroit Lakes	66.7%	66.8%	60	Sample
Allina Medical Clinic - West Health Campus	66.6%	65.2%	3147	Total Population
Allina Medical Clinic - Coon Rapids	66.5%	65.3%	14468	Total Population
Fairview Zimmerman Clinic	66.5%	69.1%	1006	Total Population
Allina Medical Clinic - Northfield	66.5%	64.7%	4815	Total Population
Fairview Rush City Clinic	66.5%	67.8%	1377	Total Population
Allina Medical Clinic - West St. Paul	66.4%	65.8%	3470	Total Population
North Clinic - Maple Grove Office	66.3%	65.4%	80	Sample

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Affiliated Community Medical Centers - Redwood Falls Clinic	66.3%	64.5%	2332	Total Population
FamilyHealth Medical Clinic - Northfield	66.2%	63.9%	1093	Total Population
Allina Medical Clinic - Ramsey	66.2%	64.6%	3541	Total Population
Mayo Clinic Health System Wabasha	66.2%	65.5%	1453	Total Population
Glencoe Regional Health Services - Glencoe	66.2%	64.9%	2411	Total Population
Allina Medical Clinic - Shakopee	65.9%	65.0%	1942	Total Population
HealthEast - Roselawn	65.9%	67.8%	1472	Total Population
Fairview Rogers Clinic	65.9%	66.4%	349	Total Population
Gundersen Lutheran - Harmony Clinic	65.9%	67.1%	328	Total Population
Hutchinson Medical Center	65.8%	64.3%	5679	Total Population
Allina Medical Clinic - Woodbury	65.7%	63.6%	5792	Total Population
Mayo Clinic Health System Kiester	65.7%	64.9%	245	Total Population
Allina Medical Clinic - Champlin	65.7%	63.3%	3924	Total Population
Burnsville Family Physicians	65.7%	63.8%	2403	Total Population
Entira Family Clinics - West St. Paul	65.6%	63.2%	2655	Total Population
AALFA Family Clinic	65.6%	63.8%	836	Total Population
Mankato Clinic - Lake Crystal	65.5%	64.4%	409	Total Population
Essentia Health - Ely Clinic	65.4%	64.8%	2175	Total Population
Mayo Clinic Health System Waterville	65.4%	65.3%	312	Total Population
HealthPartners - Midway	65.4%	70.8%	1172	Total Population
Scenic Rivers Health Services - Northome	65.3%	68.6%	193	Total Population
Allina Medical Clinic - Cambridge Medical Center	65.3%	64.8%	7711	Total Population
Valley Family Practice	65.1%	62.9%	624	Total Population
Allina Health System - New Ulm Medical Center	65.0%	64.0%	5208	Total Population
Essentia Health - Moorhead	65.0%	65.4%	60	Sample
Lakeview Clinic - Norwood	65.0%	64.0%	60	Sample
Essentia Health St. Joseph's - Crosslake Clinic	65.0%	62.8%	60	Sample
Avera Worthington Specialty Clinic	65.0%	63.3%	80	Sample
Sibley Medical Center - Gaylord Site	65.0%	66.2%	80	Sample
Mayo Clinic Health System Montgomery	65.0%	65.4%	60	Sample
^ Allina Medical Clinic - Parkview Ob/Gyn Eagan	64.9%	62.6%	539	Total Population
Allina Medical Clinic - Farmington	64.9%	64.4%	1343	Total Population
North Memorial - Silver Lake Clinic St. Anthony	64.9%	63.6%	2819	Total Population
FamilyHealth Medical Clinic - Lakeville	64.8%	61.2%	162	Total Population
Aspen Medical Group - Bloomington	64.8%	63.6%	2789	Total Population
Fairview Pine City Clinic	64.7%	66.8%	456	Total Population
Olmsted Medical Center - Spring Valley Clinic	64.7%	65.0%	563	Total Population
Sanford Worthington Clinic	64.7%	63.4%	1522	Total Population
Olmsted Medical Center - Rochester Southeast	64.6%	64.5%	5853	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	64.5%	63.0%	62	Sample
Affiliated Community Medical Centers - Benson Clinic	64.4%	64.6%	1375	Total Population
Olmsted Medical Center - Pine Island Clinic	64.2%	64.4%	618	Total Population
Range Regional Health Services dba Fairview Mesaba - Hibbing	64.2%	64.2%	81	Sample
Sanford Lakefield Clinic	64.1%	63.0%	354	Total Population
University of Minnesota Physicians - Primary Care Center	64.0%	64.0%	3022	Total Population
Family Medical Center	64.0%	63.4%	4281	Total Population
Mayo Clinic Health System Waseca	64.0%	63.9%	1942	Total Population
Edgerton Family Clinic Avera	63.8%	64.4%	80	Sample
Mayo Clinic Health System Lake Crystal (formerly Parkview)	63.6%	62.3%	330	Total Population
Glencoe Regional Health Services - Stewart	63.6%	64.1%	228	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Park Nicollet Clinic - Wayzata	63.5%	61.8%	4497	Total Population
Allina Medical Clinic - Women's Health	63.5%	57.7%	487	Total Population
Altru Health System - Crookston	63.4%	62.1%	1520	Total Population
Lakeview Clinic - Chaska	63.3%	62.6%	60	Sample
Lakeview Clinic - Watertown	63.3%	63.9%	60	Sample
Stevens Community Medical Center - Starbuck Clinic	63.3%	64.3%	60	Sample
HealthPartners - Ctr for Internatl Hlth	63.3%	69.5%	955	Total Population
Meeker Memorial Clinic	62.9%	62.2%	197	Total Population
Fairview Blaine Clinic	62.8%	63.4%	1517	Total Population
Sawtooth Mountain Clinic, Inc	62.7%	61.8%	1145	Total Population
Buffalo Clinic P.A. - Buffalo Clinic	62.6%	62.7%	3340	Total Population
Mayo Clinic Health System Albert Lea	62.5%	62.1%	5572	Total Population
Park Nicollet Clinic - Minneapolis	62.4%	63.6%	3046	Total Population
Allina Medical Clinic - Forest Lake	62.3%	61.1%	4222	Total Population
Mayo Clinic Health System Adams	62.3%	59.7%	560	Total Population
Aspen Medical Group - East Lake Street	62.3%	63.8%	934	Total Population
Entira Family Clinics - North St. Paul	62.3%	60.4%	3470	Total Population
Altru Health System - Warroad	62.3%	60.8%	61	Sample
Affiliated Community Medical Centers - Litchfield Clinic (West)	62.3%	61.8%	1365	Total Population
Northwest Family Physicians - Crystal	62.3%	61.2%	2770	Total Population
Allina Medical Clinic - Cottage Grove	62.2%	61.6%	4116	Total Population
Allina Medical Clinic - North Branch	62.1%	61.1%	369	Total Population
Allina Medical Clinic - Brooklyn Park	61.9%	60.9%	783	Total Population
Essentia Health - Walker	61.7%	63.0%	60	Sample
Parkview Medical Clinic	61.7%	60.6%	60	Sample
Essentia Health - Menahga	61.7%	62.2%	60	Sample
St Luke's Clinics-Bay Area	61.7%	63.1%	60	Sample
Albany Medical Center	61.7%	61.1%	60	Sample
Attending Physicians	61.7%	63.6%	60	Sample
Mayo Clinic - Speciality Practice	61.5%	60.5%	16393	Total Population
^ North Memorial - Silver Lake Clinic Blaine	61.5%	59.6%	2037	Total Population
Essentia Health - Lakewalk Clinic	61.4%	60.1%	1312	Total Population
Lake Region Healthcare - Ashby Clinic	61.4%	62.5%	57	Total Population
Olmsted Medical Center - Rochester Northwest	61.3%	60.6%	1034	Total Population
North Memorial Clinic - Golden Valley Physicians	61.2%	60.6%	2105	Total Population
Sanford Adrian Clinic	61.2%	59.4%	291	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	61.1%	59.6%	1460	Total Population
Allina Medical Clinic - Hastings (W First St)	60.7%	58.7%	4355	Total Population
Buffalo Clinic P.A. - Albertville/St. Michael Clinic	60.7%	63.2%	417	Total Population
Sanford Walker Clinic	60.6%	59.8%	1015	Total Population
Glencoe Regional Health Services - Lester Prairie	60.6%	58.7%	406	Total Population
Sibley Medical Center - Arlington Site	60.3%	61.1%	78	Sample
Ridgeview Chanhassen Clinic	60.3%	58.8%	2254	Total Population
Mayo Clinic Health System Janesville	60.2%	59.8%	294	Total Population
Longville Lakes Clinic- Integrity Health	60.0%	59.4%	60	Sample
Essentia Health - Graceville Clinic	60.0%	60.9%	60	Sample
Richard Schoewe MD	60.0%	58.3%	60	Sample
Appleton Clinic	60.0%	60.5%	60	Sample
Riverwood Garrison Clinic	60.0%	61.2%	85	Sample
Big Lake Clinic	60.0%	59.0%	60	Sample

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Lake Region Healthcare - Battle Lake Clinic	60.0%	61.9%	60	Sample
Cuyuna Regional Medical Center-Clinic Services	60.0%	55.5%	60	Sample
^ Comprehensive Healthcare for Women, PA	59.5%	55.2%	467	Total Population
Winona Health - Winona Clinic	59.5%	59.1%	3671	Total Population
Allina Medical Clinic - St. Michael	59.5%	59.0%	825	Total Population
Hennepin Co. Med. Center (HCMC) Clinics - Intrnl Med. at Parkside	59.4%	59.3%	2078	Total Population
North Memorial Clinic - Brooklyn Park Physicians	59.3%	58.9%	2288	Total Population
Allina Medical Clinic - Annandale	59.2%	59.3%	949	Total Population
Olmsted Medical Center - Wanamingo Clinic	59.2%	59.0%	49	Total Population
Olmsted Medical Center - Preston Clinic	59.1%	58.9%	628	Total Population
Sanford Windom Clinic	59.0%	59.0%	329	Total Population
Allina Medical Clinic - Cokato	58.8%	58.8%	619	Total Population
Scenic Rivers Health Services - Bigfork/Big Falls	58.6%	59.3%	1172	Total Population
Paynesville Chain of Lakes Medical Clinic	58.6%	56.8%	420	Total Population
Lakewood Health System - Staples Clinic	58.5%	58.9%	2107	Total Population
Essentia Health - Proctor Clinic	58.5%	57.5%	834	Total Population
Fairview Riverside	58.5%	59.1%	1228	Total Population
Olmsted Medical Center - Byron Clinic	58.4%	59.2%	647	Total Population
St Luke's Clinics-Lester River	58.3%	56.3%	60	Sample
Eagan Child and Family Care	58.1%	68.9%	43	Total Population
Mayo Clinic Health System St. James	58.1%	58.1%	1152	Total Population
Renville County Hospital and Clinics - Olivia	58.1%	58.1%	949	Total Population
Ridgeview Westonka Clinic	58.0%	57.0%	2843	Total Population
Essentia Health - Aurora Clinic	58.0%	56.3%	1475	Total Population
Entira Family Clinics - East Side	58.0%	58.0%	1663	Total Population
Sanford Mountain Lake Clinic	57.9%	57.4%	480	Total Population
Altru Health System - Erskine	57.9%	57.7%	159	Total Population
Sanford Pelican Rapids Clinic	57.7%	56.6%	312	Total Population
Park Nicollet Clinic - Creekside	57.6%	58.6%	860	Total Population
Buffalo Clinic P.A. - Monticello Clinic	57.5%	59.4%	2235	Total Population
Sanford Hawley Clinic	57.4%	57.4%	230	Total Population
Mayo Clinic Health System Lake City	57.3%	56.7%	1765	Total Population
Olmsted Medical Center - Plainview Clinic	57.0%	56.1%	479	Total Population
Ortonville Area Health Services-Northside Medical Clinic	56.9%	54.8%	1636	Total Population
Riverwood Aitkin Clinic	56.7%	55.0%	104	Sample
Olmsted Medical Center - Chatfield Clinic	56.7%	56.3%	501	Total Population
St Luke's Clinics-Miller Creek	56.7%	56.3%	60	Sample
Northland Family Physicians-Integrity Health	56.7%	56.6%	60	Sample
Johnson Memorial Health Services - Dawson Clinic	56.7%	56.2%	60	Sample
Cromwell Medical Clinic-Integrity Health	56.7%	59.2%	60	Sample
Christopher J Wenner, MD, PA - Integrity Health	56.7%	57.4%	60	Sample
Altru Health System - Greenbush	56.7%	58.1%	60	Sample
Altru Health System - Red Lake Falls	56.7%	56.2%	210	Total Population
Mayo Clinic Health System Alden	56.6%	56.1%	429	Total Population
Mayo Clinic Health System Fairmont	56.6%	56.7%	3815	Total Population
Aspen Medical Group - Inver Grove Heights	56.4%	55.0%	2208	Total Population
Lakewood Health System - Eagle Valley Clinic	56.4%	55.2%	252	Total Population
Hutchinson Area Health Care - Dassel Medical Center	56.4%	55.5%	362	Total Population
Lakewood Health System - Motley Clinic	56.2%	56.9%	473	Total Population
Paynesville Medical Clinic	56.1%	55.9%	1795	Total Population

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Fairview Red Wing Zumbrota Clinic	56.1%	58.4%	551	Total Population
Mayo Clinic Health System Truman	56.0%	57.9%	50	Total Population
University of Minnesota Physicians - Mill City Clinic	55.9%	55.9%	821	Total Population
Paynesville Eden Valley/Watkins Medical Clinic	55.9%	55.3%	444	Total Population
River's Edge Clinic - St. Peter	55.8%	57.9%	120	Total Population
Sibley Medical Center - Winthrop Site	55.7%	54.9%	79	Sample
Paynesville Eastside Medical Clinic	55.6%	52.7%	171	Total Population
Mayo Clinic Health System Faribault Campus Location	55.1%	55.0%	78	Total Population
Hendricks Clinic	55.1%	54.2%	684	Total Population
France Avenue Family Physicians	55.0%	52.8%	2331	Total Population
Essentia Health - Baxter Women's Specialty Clinic	55.0%	57.0%	60	Sample
Altru Health System - Roseau	54.8%	51.5%	62	Sample
Aspen Medical Group - Maplewood	54.8%	53.9%	3566	Total Population
Park Nicollet Clinic - Shakopee	54.8%	54.4%	3753	Total Population
Mayo Clinic Health System Plainview	54.7%	54.3%	450	Total Population
Essentia Health - Hibbing Clinic	54.6%	53.7%	2583	Total Population
Gateway Family Health Clinic - Sandstone	54.6%	54.9%	1306	Total Population
Mid Minnesota Family Medicine Center	54.6%	62.3%	918	Total Population
Olmsted Medical Center - Stewartville Clinic	54.6%	54.9%	658	Total Population
Lakewood Health System - Browerville Clinic	54.6%	54.6%	341	Total Population
^ Western OB/GYN	54.6%	52.3%	44	Total Population
North Memorial Clinic - Elk River Physicians	54.4%	53.8%	1245	Total Population
Community-University Health Care Center	54.3%	55.0%	70	Sample
Renville County Hospital and Clinics - Hector	54.2%	53.2%	260	Total Population
Park Nicollet Clinic - Prior Lake	54.2%	52.8%	1686	Total Population
Bigfork Valley Clinic - Balsam	54.1%	54.8%	85	Total Population
^ Park Nicollet Clinic - St. Louis Park OBGYN	54.1%	47.8%	754	Total Population
Mayo Clinic Health System New Richland	54.0%	53.6%	400	Total Population
Essentia Health - Virginia Clinic	53.9%	53.5%	2409	Total Population
Riverwood McGregor Clinic	53.9%	58.4%	91	Sample
Mayo Clinic Health System Wells	53.7%	53.9%	311	Total Population
Olmsted Medical Center - St. Charles Clinic	53.6%	53.9%	420	Total Population
Integracare Ltd dba Williams Clinic	53.5%	53.5%	480	Total Population
Apple Valley Medical Clinic - Family Practice	53.3%	54.2%	60	Sample
Essentia Health St. Joseph's - Pequot Lakes Clinic	53.3%	53.5%	60	Sample
Essentia Health - Hackensack Clinic	53.3%	52.5%	60	Sample
Mayo Clinic Health System New Prague	53.3%	55.1%	60	Sample
Ridgeview Delano Clinic	53.2%	52.4%	1715	Total Population
Essentia Health Ada	53.2%	53.8%	62	Sample
FirstLight Health System - Hinckley	53.2%	55.3%	910	Total Population
Sacred Heart Mercy Health Care Center	53.1%	51.4%	277	Total Population
FirstLight Health System - Mora	53.1%	56.0%	2509	Total Population
Altru Health System - Fertile	53.0%	53.3%	168	Total Population
Mayo Clinic Health System LeRoy	52.8%	52.7%	265	Total Population
LakeWood Health Center Clinic	52.8%	53.7%	1054	Total Population
Mayo Clinic Health System Grand Meadow	52.7%	52.5%	203	Total Population
Multicare Associates - Blaine Medical Center	52.4%	50.8%	4160	Total Population
Clara City Clinic	52.1%	55.3%	48	Total Population
Paynesville Richmond Medical Clinic	52.1%	51.4%	634	Total Population
Rainy Lake Medical Center	51.8%	51.6%	2142	Total Population

^ OB/GYN

## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Healing Spirit Clinic	51.7%	51.7%	60	Total Population
St Luke's Clinics-Laurentian	51.7%	51.9%	60	Sample
Essentia Health St. Joseph's - Pine River Clinic	51.7%	54.5%	60	Sample
Sanford Bagley Clinic	51.7%	52.9%	60	Sample
^ Mayo Clinic Health System New Prague Women's Health Center	51.7%	50.1%	60	Sample
Multicare Associates - Fridley Medical Center	51.5%	50.2%	5103	Total Population
Range Medical Services-Integrity Health	51.3%	48.7%	80	Sample
Sibley Medical Center - Henderson Site	51.2%	52.6%	41	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	50.9%	50.0%	2274	Total Population
Sanford Health Parkers Prairie Clinic	50.7%	51.0%	444	Total Population
Winona Health - Lewiston Clinic	50.6%	52.2%	83	Total Population
FamilyHealth Medical Clinic - Farmington	50.0%	48.6%	510	Total Population
Sanford Wheaton Clinic	49.7%	47.3%	195	Total Population
Stillwater Medical Group - Lakeview Campus	49.4%	63.7%	166	Total Population
Ridgeview Excelsior Clinic	49.4%	47.9%	909	Total Population
Avera - Pipestone County Medical Center	49.4%	49.6%	79	Sample
Foley Medical Center	48.8%	48.4%	80	Sample
^ Women & Adolescent Gynecology Center	48.7%	44.7%	78	Total Population
Essentia Health - Chisholm Clinic	48.5%	47.1%	295	Total Population
St Luke's Clinics-Hibbing Family Medical Clinic	48.3%	50.8%	60	Sample
New River Medical Center Physician Clinic	48.3%	49.0%	60	Sample
Hennepin Co. Med. Center (HCMC) Clinics - Center for Senior Care	48.2%	51.7%	222	Total Population
Tyler Medical Clinic	48.1%	48.0%	79	Sample
Renville County Hospital and Clinics - Renville	48.0%	48.0%	273	Total Population
Mayo Clinic Health System Blooming Prairie	47.6%	49.6%	63	Total Population
Sanford Jackson Clinic	47.5%	46.1%	493	Total Population
Bigfork Valley Clinic - Marcell	47.2%	47.1%	72	Total Population
Ridgeview Howard Lake Clinic	47.0%	47.1%	472	Total Population
Sleepy Eye Medical Center	47.0%	44.5%	100	Sample
Sanford Westbrook Clinic	46.6%	42.4%	161	Total Population
Lake Superior Community Health Center - Duluth	46.3%	58.8%	80	Sample
^ University of Minnesota Physicians - Women's Health Specialists	46.1%	45.9%	987	Total Population
University of Minnesota Physicians - Smiley's Clinic	46.1%	51.1%	1122	Total Population
Ivanhoe Medical Center	45.9%	45.7%	159	Total Population
Winona Health - Rushford Clinic	45.8%	46.2%	332	Total Population
Hennepin County Medical Center (HCMC) Clinics - Positive Care	45.6%	50.8%	228	Total Population
Madelia Community Hospital & Clinic	45.0%	44.8%	171	Total Population
Open Door Health Center	45.0%	61.0%	60	Sample
Lakewood Health System - Pillager Clinic	44.5%	45.2%	485	Total Population
Synergy Family Physicians, P.A.	44.4%	52.4%	81	Total Population
Fairview Riverside Primary Care Clinic	44.3%	55.4%	271	Total Population
Scandia Clinic	43.7%	42.2%	387	Total Population
Iron Range Clinic-Integrity Health	43.3%	48.3%	60	Sample
North Memorial Clinic - Northeast Family Physicians	43.2%	44.6%	597	Total Population
Mayo Clinic Health System Trimont	43.1%	45.8%	51	Total Population
Ridgeview Chaska Clinic	42.9%	42.6%	147	Total Population
Ridgeview Winsted Clinic	42.8%	43.3%	453	Total Population
Gateway Family Health Clinic - Hinckley	42.7%	44.0%	272	Total Population
Fairview St. Francis Clinic	41.6%	42.6%	166	Total Population
Hennepin Co. Med. Center (HCMC) Clinics - Downtown Medicine	41.5%	44.8%	4414	Total Population

^ OB/GYN



## Colorectal Cancer Screening (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
New Hope Crystal Medical Clinic	41.3%	42.1%	63	Sample
NorthPoint Health & Wellness Center	41.2%	48.6%	2299	Total Population
Sanford East Grand Forks Clinic	41.0%	40.3%	1259	Total Population
Scenic Rivers Health Services - Cook	40.9%	39.8%	909	Total Population
United Family Medicine	40.9%	49.3%	2824	Total Population
Winona Health - Family Medicine	40.7%	41.3%	1585	Total Population
Multicare Associates - Roseville Medical Center	40.7%	40.3%	1321	Total Population
FirstLight Health System - Pine City	40.4%	45.2%	451	Total Population
Essentia Health - Park Rapids	40.0%	41.7%	60	Sample
RiverView Clinic North	40.0%	37.6%	60	Sample
St. Mary's Innovis Health - Mahanomen	40.0%	41.0%	60	Sample
Park Nicollet Clinic - Lakeville	40.0%	32.6%	95	Total Population
St Luke's Clinics-Denfled	38.3%	41.2%	60	Sample
Hennepin County Medical Center (HCMC) Clinics - Richfield Clinic	36.4%	35.4%	733	Total Population
University of Minnesota Physicians - Phalen Clinic	35.9%	39.3%	1046	Total Population
North Valley Health Center	35.0%	35.8%	80	Sample
Allina Health Syst. - Abbott Northwestern Gnrl Med. Assoc. - Mpls	34.6%	33.2%	52	Total Population
Hennepin County Medical Center (HCMC) Clinics -Brooklyn Center	34.4%	37.1%	585	Total Population
VRMC Clinical Services	32.1%	31.6%	81	Sample
Essentia Health Fosston	31.7%	33.8%	60	Sample
RiverView Clinic Fertile	31.5%	36.3%	54	Total Population
Jasper Family Clinic / Avera	30.0%	31.9%	30	Total Population
University of Minnesota Physicians - Bethesda Clinic	29.5%	33.0%	1107	Total Population
University of Minnesota Physicians - Broadway Family Medicine	28.0%	32.7%	803	Total Population
Hennepin County Medical Center (HCMC) Clinics - Whittier Clinic	26.9%	27.1%	1633	Total Population
Neighborhood Healthsource - Fremont Clinic	26.7%	38.3%	60	Sample
RiverView Clinic East Grand Forks	26.7%	30.9%	60	Sample
Native American Community Clinic	26.7%	28.6%	60	Sample
Johnson Street Medical Clinic	26.4%	26.8%	273	Total Population
Hennepin County Medical Center (HCMC) Clinics - East Lake Clinic	25.0%	19.7%	588	Total Population
Scenic Rivers Health Services - Floodwood	25.0%	26.5%	152	Total Population
Hennepin Co. Med. Center Clinics - Senior Care at Augustana	23.4%	42.3%	47	Total Population
Neighborhood Healthsource - Sheridan	23.3%	26.8%	60	Sample
Southside Medical Clinic	22.6%	35.0%	377	Total Population
Lake Benton Healthcare Center	22.5%	26.8%	40	Total Population
Avera Marshall Specialty Clinic	21.4%	19.5%	112	Sample
Neighborhood Healthsource-Central Clinic	20.0%	32.6%	60	Sample
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park	18.5%	19.4%	324	Total Population
Hennepin County Med. Center (HCMC) Clinics - St. Anthony Village	16.0%	18.7%	94	Total Population
St. Croix Family Medical Clinic	15.7%	17.3%	108	Total Population
Mille Lacs Health System - Onamia	15.0%	18.4%	60	Sample
Hennepin County Medical Center Clinics - Hennepin Bariatric Cntr	14.3%	17.1%	42	Total Population
Bluestone Physician Services	7.2%	9.9%	236	Total Population

^ OB/GYN

## Maternity Care: Primary C-Section Rate (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
Hennepin County Medical Center (HCMC) Clinics - Brooklyn Park	2.7%	11.9%	37	Total Population
Fairview Andover Clinic	5.7%	9.0%	35	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Oakdale Medical Building	9.5%	11.7%	63	Total Population
Sanford Health Broadway Clinic - Alexandria	13.3%	12.7%	60	Total Population
Mayo Clinic Health System Fairmont	14.1%	14.5%	64	Total Population
Winona Health - Winona Clinic	14.3%	14.6%	133	Total Population
Allina Medical Clinic - Blaine	15.5%	15.2%	58	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	15.6%	13.5%	32	Total Population
HealthPartners - White Bear Lake	16.3%	17.1%	98	Total Population
North Clinic - Maple Grove Office	16.4%	16.7%	104	Total Population
Olmsted Medical Center - Rochester Southeast	16.6%	16.5%	284	Total Population
^ Allina Medical Clinic - Ob/Gyn Specialists	17.1%	17.1%	316	Total Population
Mayo Clinic Health System Faribault Campus Location	17.8%	18.1%	45	Total Population
Park Nicollet Clinic - Shakopee	17.9%	18.8%	329	Total Population
AALFA Family Clinic	18.2%	17.9%	44	Total Population
Fairview Zimmerman Clinic	18.2%	20.6%	44	Total Population
^ Metropolitan Obstetrics and Gynecology - Maplewood Pro. Bldng	18.5%	18.7%	130	Total Population
Lakewood Health System - Staples Clinic	18.9%	19.4%	132	Total Population
Grand Itasca Clinic	19.3%	16.9%	88	Total Population
Allina Medical Clinic - Cambridge Medical Center	19.4%	20.1%	155	Total Population
Mayo Clinic - Northwest	19.6%	19.5%	51	Total Population
Alexandria Clinic, A Service of Douglas County Hospital	19.8%	21.8%	91	Total Population
^ Oakdale Obstetrics & Gynecology, PA - WestHealth	20.4%	19.3%	54	Total Population
Allina Medical Clinic - Shakopee	20.5%	19.8%	117	Total Population
Stevens Community Medical Center	20.6%	20.1%	34	Total Population
HealthPartners - St Paul	20.8%	21.9%	438	Total Population
Sanford Bemidji Main Clinic	21.0%	23.7%	248	Total Population
^ Metropolitan Obstetrics and Gynecology - Gallery Pro. Building	21.3%	21.4%	80	Total Population
Glencoe Regional Health Services - Glencoe	21.4%	24.1%	56	Total Population
HealthPartners - Bloomington	21.5%	22.0%	79	Total Population
Aspen Medical Group - East Lake Street	21.6%	21.5%	51	Total Population
^ Hennepin County Medical Center (HCMC) Clinics - HCMC OB/GYN	21.6%	18.8%	523	Total Population
Aspen Medical Group - Bandana Square	21.7%	22.3%	120	Total Population
Mankato Clinic - Main Street	21.8%	21.8%	326	Total Population
Sanford Detroit Lakes Clinic	21.8%	25.6%	78	Total Population
Allina Medical Clinic - Ramsey	22.5%	21.4%	49	Total Population
HealthPartners - Hlth Ctr for Women	22.5%	22.6%	173	Total Population
Affiliated Community Medical Centers - Willmar Clinic	22.7%	23.9%	163	Total Population
Allina Medical Clinic - Woodbury	23.5%	21.8%	132	Total Population
St. Mary's Innovis Health Clinic - Detroit Lakes	24.1%	28.3%	79	Total Population
University of Minnesota Physicians - Women's Health Specialists	24.1%	24.0%	307	Total Population
Range Regional Health Services dba Fairview Mesaba - Hibbing	24.1%	26.1%	87	Total Population
HealthPartners - Woodbury	24.3%	24.9%	185	Total Population

^ OB/GYN

## Maternity Care: Primary C-Section Rate (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
HealthPartners - Coon Rapids	24.3%	24.3%	189	Total Population
^ CentraCare Health Plaza-Women & Children OB/GYN	24.4%	24.3%	620	Total Population
Mayo Clinic - Speciality Practice	24.5%	24.1%	641	Total Population
Hutchinson Medical Center	24.5%	24.5%	200	Total Population
HealthPartners - Brooklyn Center	24.5%	24.8%	102	Total Population
Avera Worthington Specialty Clinic	24.6%	25.3%	65	Total Population
North Clinic - Oakdale Office in Robbinsdale	25.0%	25.6%	56	Total Population
Fairview Ridges Clinic	25.1%	25.0%	239	Total Population
^ Partners Obstetrics & Gynecology, PA	25.3%	24.1%	190	Total Population
St. Cloud Medical Group - South - Integrity Health	25.6%	24.9%	78	Total Population
^ Affiliated Community Medical Centers - Marshall (Bruce Street)	25.8%	26.0%	31	Total Population
Park Nicollet Clinic - St. Louis Park OBGYN	26.2%	25.6%	656	Total Population
Fairview Red Wing Medical Center	26.6%	23.5%	113	Total Population
^ Allina Medical Clinic - Parkview Ob/Gyn St. Paul	26.6%	26.9%	304	Total Population
^ Oakdale Obstetrics & Gynecology, PA - Maple Grove	26.7%	26.5%	465	Total Population
^ Western OB/GYN	26.9%	26.7%	253	Total Population
HealthPartners - West	27.1%	28.6%	48	Total Population
HealthPartners - Elk River	27.4%	26.1%	95	Total Population
^ Women's Health Consultants - TCF Tower	27.6%	22.6%	308	Total Population
Cuyuna Regional Medical Center-Clinic Services	27.7%	44.7%	83	Total Population
Park Nicollet Clinic - Bloomington	28.0%	25.3%	93	Total Population
HealthPartners - Riverside	28.2%	28.5%	135	Total Population
Allina Medical Clinic - Hastings (W First St)	28.3%	28.7%	120	Total Population
St. Cloud Medical Group - NW- Integrity Health	28.4%	27.3%	109	Total Population
Paynesville Medical Clinic	28.6%	29.1%	56	Total Population
Park Nicollet Clinic - Carlson	28.7%	27.8%	216	Total Population
^ Allina Medical Clinic - Parkview Ob/Gyn Eagan	28.8%	27.6%	274	Total Population
Park Nicollet Clinic - Maple Grove	29.2%	29.2%	267	Total Population
^ John A. Haugen Associates, PA	29.4%	25.3%	310	Total Population
^ OBGYN West - Ridgedale	29.4%	26.5%	119	Total Population
Mayo Clinic Health System Owatonna	29.7%	29.8%	175	Total Population
Sanford Laverne Clinic	30.3%	30.4%	33	Total Population
Allina Medical Clinic - Women's Health	30.4%	30.2%	487	Total Population
Essentia Health - Duluth Clinic 1st St	30.4%	29.6%	500	Total Population
Park Nicollet Clinic - Burnsville	30.8%	30.3%	305	Total Population
Gateway Family Health Clinic - Moose Lake	30.9%	31.3%	55	Total Population
Fairview Lakes Medical Center	31.1%	32.1%	161	Total Population
Fairview Fridley Clinic	31.3%	30.6%	211	Total Population
^ Fairview Riverside Women's Clinic	31.3%	31.6%	447	Total Population
Mayo Clinic Health System Mankato Specialty Clinic	31.3%	31.1%	268	Total Population
^ Comprehensive Healthcare for Women, PA	31.6%	32.1%	450	Total Population
Essentia Health - Baxter Women's Specialty Clinic	31.9%	33.2%	160	Total Population
^ Metropolitan Obstetrics and Gynecology - Apple Valley Medical	32.0%	34.6%	50	Total Population

^ OB/GYN

## Maternity Care: Primary C-Section Rate (Clinic Level Results)

Clinic Name	Optimal Rate	Optimal Risk-Adjusted Rate	N	Total Population Or Sample
VRMC Clinical Services	32.1%	30.8%	81	Total Population
^ Metropolitan Obstetrics and Gynecology - Woodbury	32.1%	32.2%	137	Total Population
^ Women's Health Center	32.1%	32.6%	140	Total Population
Sanford Worthington Clinic	32.3%	32.8%	31	Total Population
^ Mayo Clinic Health System New Prague Women's Health Center	32.5%	30.8%	40	Total Population
Lakeview Clinic - Waconia	32.6%	38.0%	95	Total Population
Aspen Medical Group - Maplewood	32.9%	33.1%	70	Total Population
Family Medical Center	33.3%	32.1%	54	Total Population
Allina Medical Clinic - Buffalo	33.3%	32.5%	78	Total Population
Mayo Clinic - Northeast	33.3%	30.4%	30	Total Population
Avera Marshall Specialty Clinic	33.3%	32.9%	60	Total Population
FirstLight Health System - Mora	34.0%	33.0%	50	Total Population
Stillwater Medical Group - Lakeview Campus	34.0%	33.5%	194	Total Population
Aspen Medical Group - Bloomington	34.3%	34.8%	105	Total Population
^ Southdale Obstetric and Gynecology Consultants- Edina	34.7%	33.5%	268	Total Population
Allina Medical Clinic - Shoreview	34.8%	34.9%	155	Total Population
Sanford Thief River Falls Clinic	35.0%	34.9%	100	Total Population
^ OBGYN West - Eden Prairie	35.5%	36.9%	183	Total Population
Buffalo Clinic P.A. - Monticello Clinic	35.6%	33.2%	45	Total Population
^ Paul Larson OB/GYN Clinic, PA	35.9%	31.9%	156	Total Population
Allina Medical Clinic - St. Michael	36.2%	33.5%	47	Total Population
HealthPartners Central Minnesota Clinics	36.5%	36.8%	104	Total Population
Lake Region Healthcare Clinic Services - Fergus Falls	37.9%	36.6%	95	Total Population
Park Nicollet Clinic - Chanhassen	38.8%	34.3%	49	Total Population
Mayo Clinic Health System Albert Lea	39.6%	40.2%	134	Total Population
Mayo Clinic Health System Austin	40.8%	41.6%	130	Total Population
Fairview Princeton Clinic	51.4%	51.3%	74	Total Population
Chippewa County Montevideo Hospital & Medical Clinic	52.5%	50.5%	40	Total Population

^ OB/GYN

## 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) 2012 Technical Specifications (2011 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 2012, 10 data sources – Blue Cross and Blue Shield of Minnesota, HealthPartners, Itasca Medical Care, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), and UCare – submitted data to MNCM for these measures. The submitted health plan data reflected patients enrolled in managed care programs.

All health plan data files were submitted to MNCM for aggregation, validation, and public reporting. An independent vendor under contract with MNCM conducted the aggregation and validation processes. Each health plan file was carefully reviewed to ensure conformance with the data structure and 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 MNCM rates were calculated. The preliminary rates were carefully reviewed by MNCM staff and the data aggregation vendor. Particular attention was paid to notable changes from previous years at the statewide and medical group levels. After these checks were finalized, preliminary rates were compiled into 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.

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## 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
- Maternity Care: Primary C-Section Rate

Each year, these measure specifications are reviewed against current evidence-based guidelines. Measurement specifications for medical group level results were calculated using NCQA's 2012 HEDIS Technical Specifications. Measurement specifications for clinic level results were calculated by MNMCM's Data Portal using MNMCM's 2012 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 2012 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 2012 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 MNCM 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 MNCM 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 2012 DDS guide and technical specifications described accepted methods to select a systematic sample. This step is reviewed by MNCM 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 MNCM 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 MNCM to draw a sample on which to estimate medical group and statewide rates. Weighting was applied to efficiently utilize health plan resources for data collection on a randomly sampled population. Weights were calculated for each sampling stratum (i.e., health plan/health plan product/medical group). A weight was equal to the total eligible population for that stratum divided by the total sample size. 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.

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## Appendix 2: Methodology

### Limitations

The medical groups and clinics identified in this report do not represent all medical groups and clinics in Minnesota. MNCM established minimum thresholds for public reporting to ensure statistically reliable rates. Only medical groups and clinics that met these thresholds were reported. Because hybrid measures are based on a sample, a higher threshold is used - 60 patients per medical group was required 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 mean they are reported for all measures.

Please note that 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, we calculated both individual medical group rates and a medical group average rate. We identified medical groups that achieved high performance by comparing the individual medical group/clinic rate with the medical group average. Medical groups that had rates and 95 percent confidence intervals that were fully above the medical group average were noted as high performers. These high performers were highlighted in the results by measure section for each measure. The performance rates for all medical groups were presented 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 Twelve Months, Optimal Asthma Care, and Colorectal Cancer Screening.

#### Identifying Medical Groups and Clinics with Biggest Improvements

For each measure, we compared individual medical group and clinic rates during report year 2012 with their rates during report year 2011, 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 (2010, 2011 and 2012). See “Medical Group Performance Over Time (2010-2012)” 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% – +2%).
- 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 Proven to Work*

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

#### **Health Information Technology (HIT) Survey**

MNCM developed the *Health Information Technology* (HIT) survey using input from a multi-stakeholder workgroup. One goal of survey development was to assess HIT adoption and use in Minnesota in a format that could be used by multiple organizations. Another goal of the HIT survey was to assess not only the adoption and installation of electronic health records and other technologies, but also to assess the use and application of these technologies and how they might 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 was created as an on-line instrument and sent via e-mail to all clinics registered with MNCM on February 15, 2012. In total, over 1,500 clinic sites received the Survey in Minnesota and border areas. Out of these, 1,247 were completed 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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