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2009 HEALTH CARE QUALITY REPORT



Comparative Data on Medical Group and Hospital Performance



www.mncm.org

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December 2009

Health reform was the top of the news in 2009, and while expansion of coverage was the centerpiece of the national debate, there was also general recognition that we must address the cost and quality of care in order for these reforms to be successful. And our community's efforts to work together to measure and report results to improve quality were held up as an example for the rest of the nation. Meanwhile, Minnesota's health care reforms enacted in 2008 and implemented during 2009 shined a spotlight on MN Community Measurement and this community's quality measurement efforts. All of this attention has increased the demand for us to:

- Expand our measures further, faster so we can meet the needs of health care providers, employers and consumers;
- Increase the impact of our information by increasing the numbers of providers participating; and
- Make our data easier to access and easier to use as the basis for quality and cost improvement efforts.

We're making good progress in taking our measures further. This year our web site, for the first time, will include hospital data previously collected by the Minnesota Hospital Association but never publicly reported. We have developed a new type of measure for depression care that addresses patient functional status after six months of treatment. We've also gone beyond clinical data and include in this report new information about patients' experience of their care for 124 clinic sites across Minnesota. We explore the use of health information technology (HIT) in physicians' offices, including 83 medical groups. Finally, we delve into information about the cost of health care services, presenting new information about the average amount paid per procedure for some 100 health care services that are performed in a physician's office. We see this measure as a preliminary step towards a more sophisticated measure of cost and/or resource use.

In its health reform legislation, the Minnesota Legislature identified the need to expand the collection and reporting of health care quality information to include all Minnesota physicians. This year we've made progress toward that goal, with 27 more medical groups reporting. We're particularly pleased at the growth we've seen in clinics participating in the Direct Data Submission process – 426 clinics participated in this cycle compared to 334 in the 2008 report which is a 27.6 percent increase.

We have also continued to improve our processes for measure selection and data collection. Minnesota is leading the country with our clinical data collection processes and these methods will grow in importance as the use of electronic medical records increases across the country. We have enhanced our data collection portal – through which medical groups submit data directly to MNCM and view their own internal results – to increase the number of measures and provide more information to our medical groups that can be used for quality improvement. And based on comments from our medical group survey, we have established a technical advisory group to help us increase the efficiency and usefulness of our direct data submission process.

Finally, we're working hard to make our information accessible and relevant to those who use it. In March, we launched a new, consumer-oriented website and a new brand name for the information we provide: MN HealthScores (www.mnhealthscores.org). We are also developing new resources to enable analysis of our data so that it can better inform health care providers' quality improvement efforts. For example, in the next year we will conduct an analysis comparing patient experience of care measures to clinical measure data, evaluating whether there is a correlation between how patients perceive their care and objective clinical measures of the quality of care they are receiving.

All of these efforts are aimed at accomplishing our mission to accelerate the improvement of health by publicly reporting health care information. We're making good progress, but there is still much to be done. During 2010, we hope to work with you to develop new measures of specialty care, to develop a more robust and useful measure of cost or resource use, and to continue to find ways to make the information more useful and more relevant. We also hope you will join us in promoting both the process and the products of quality measurement as a key element of a reformed and improved health care delivery system.

Brian Anderson, MD Board Chair

Jim Chase, President



MN Community Measurement 2009 Health Care Quality Report

(2008 Dates of Service)

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Executive Summary

In 2004, Minnesota was one of a handful of states that was using measurement and public reporting as tools to drive improvements in health care. Like tossing a pebble in a pond, our first report created an initial splash and each subsequent report has had a larger ripple effect on our community. Today, public reporting has become the “new normal” in Minnesota and across the country. The numbers of medical groups and measures reported have increased each year. Medical group participation in the Direct Data Submission (DDS) process has increased each year since its beginnings in 2007 and we expect even more growth next year when the Minnesota Statewide Quality Reporting and Measurement System takes effect.

This is the sixth annual *Health Care Quality Report* produced by MN Community Measurement to monitor and report on statewide and medical group/clinic performance over time, track variations in performance, and highlight progress made as well as opportunities for improvement. In addition to the 12 previously reported clinical measures, we have added two new clinical measures – Depression Care and Adult Bronchitis, and four new categories of measures – Patient Experience of Care, Health Information Technology (HIT), Hospital and Payment for Procedure.

Key Findings

Clinical Measures:

- Statewide rates on clinical measures are either steady or improving.
 - Rates of Optimal Diabetes Care continue to show improvement. Statewide, the clinic level rate increased for the third year in a row from 14 percent in 2007 to 17 percent in 2008 to 19 percent in 2009. This translates into almost 10,000 more people across Minnesota with diabetes meeting evidence-based treatment goals. We know from research that this means thousands more people avoided the serious complications of diabetes – strokes, heart attacks, amputations and vision problems.
 - Two other clinical measures have shown noticeable improvements:
 - Controlling High Blood Pressure – statewide, the rate increased from 65 percent in 2008 to 69 percent in 2009, translating into 5,000 more patients whose blood pressure is under control.
 - Colorectal Cancer Screening – the statewide rate increased from 58 percent in 2006 to 66 percent in 2009, translating into 28,000 more patients statewide screened for colorectal cancer over the past four years.
- Two new clinical measures were reported this year – Depression Care and Adult Bronchitis. Results on both measures show opportunities for improvement, reinforcing the need to develop and introduce new measures.
- There are some medical groups that have achieved above-average rates on multiple measures and there are some that have shown large improvements since last year.
- Participation in the DDS process continues to grow. This year 70 medical groups voluntarily submitted data representing 426 clinics. Most of the medical groups that participated for the first time this year are located outside of the metro area, and several are smaller clinics.
- The number of medical groups reported from health plan data has increased from 143 in report year 2008 to 170 in report year 2009, and more groups are reported on for more measures.
- Practice variation between medical groups and between clinic settings continues; opportunities for improvement exist.

Executive Summary

Patient Experience Measures:

- Nine medical groups representing 124 clinics piloted a patient experience of care measure. This pilot represents the first time in Minnesota that a standard patient experience of care measure has been used to appropriately compare patients' experience of their care across clinics.
- Out of the 124 clinic sites participating in the pilot, 22 were top performers (meaning their average and confidence interval was fully above the overall average) on the "Getting Care When Needed" composite, 24 were top performers on the "Doctor Communication" composite, eight were top performers on the "Office Staff" composite and 28 were top performers on the "Doctor with an Exceptional Rating" category.
- This pilot round of data collection has shown that there is variation in patients' satisfaction with their overall experience during a visit to their doctor. We expect to see this variation increase in the next round of data collection with participation from more clinics and medical groups.

Health Information Technology Measures:

- One hundred and nine medical groups returned the survey for a response rate of 49 percent.
- Four areas of health information technology (HIT) are reported at www.mnhealthscores.org.
 - Tracking clinical results (i.e., pending laboratory tests, diagnostic tests including common preventive screenings, patient referrals)
 - Electronic prescribing
 - Electronic scheduling
 - Electronic visits
- Eighteen percent of respondents track clinical results for all three lab tests.
- Thirty four percent of respondents use electronic prescribing.
- Twenty eight percent of respondents offer electronic scheduling for patients.
- Eight percent of respondents provide electronic visits for patients.
- By the end of 2009, the HIT survey will be redesigned. MNCM is collaborating with HIT stakeholders across the state to develop a survey that will be consistent with state and federal guidelines regarding the appropriate use of Health Information Technology.

Payment for Procedures Measures:

- Details can be found on MN HealthScores at: http://www.mnhealthscores.org/?p=cost_landing
- We reported data on the average payment for procedure for 105 commonly billed procedures paid to 133 primary care and multi-specialty medical groups.
- The data reveals a wide range of payments for some services. For example, physicians are paid between \$325 and \$1,354 for their services in conducting colonoscopies, and between \$29 and \$236 for conducting group psychotherapy sessions.

Hospital Measures:

- Results will be included in hospital addendum available in 2010

Executive Summary

MN Community Measurement Statewide Results Comparisons to Previous Years

Quality Measure	2009 Statewide Average (2008 Dates of Services)	Percentage Point Change Statewide 2008 vs. 2009	Percentage Point Change Over Time
“Living with Illness” measures			
Optimal Diabetes Care* <i>(Clinic level results)</i>	18.9%	1.8 ↑	5.4 ↑ (3 years)
Optimal Diabetes Care* <i>(Medical group level results)</i>	16.0%	3.0 ↑	12.1 ↑ (6 years)
Optimal Vascular Care* <i>(Clinic level results)</i>	33.8%	1.2 ↑	1.2 ↑ (2 years)
Depression: Six Month Remission* <i>(Clinic level results)</i>	4.2%	N/A	N/A
Asthma Care (Ages 5-56) <i>(Medical group level results)</i>	91.6%	0.1 ↓	17.8 ↑ (6 years)
Controlling High Blood Pressure* <i>(Medical group level results)</i>	69.0%	3.6 ↑	3.5 ↑ (3 years)
“Getting Better” measures			
Appropriate Treatment for Children with URI <i>(Medical group level results)</i>	87.0%	1.2 ↑	1.3 ↑ (4 years)
Appropriate Testing for Children with Pharyngitis <i>(Medical group level results)</i>	86.0%	1.5 ↑	4.2 ↑ (4 years)
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	19.3%	N/A	N/A
“Staying Healthy” measures			
Breast Cancer Screening (Mammograms) <i>(Medical group level results)</i>	77.1%	0.6 ↑	1.8 ↑ (6 years)
Cervical Cancer Screening (Pap tests) <i>(Medical group level results)</i>	76.0%	1.9 ↓	1.8 ↓ (6 years)
Colorectal Cancer Screening* <i>(Medical group level results)</i>	66.3%	3.5 ↑	8.0 ↑ (4 years)
Cancer Screening Combined* – Ages 51-80 (breast, cervical, colorectal) <i>(Medical group level results)</i>	48.4%	6.0 ↓	0.8 ↑ (4 years)
Chlamydia Screening (Ages 16-24) <i>(Medical group level results)</i>	47.3%	N/A	N/A
Childhood Immunizations* <i>(Medical group level results)</i>	78.0%	0.5 ↑	26.0 ↑ (4 years)

* These statewide averages are weighted (see methods). N/A = Measurement specifications changed so comparisons cannot be made.

Executive Summary

Future Plans

What we have created in Minnesota is special. We have an environment of innovation and collaboration, but we have found that it is very important for us to take what we have learned and share it. Other communities can learn from our experience and we can learn from them. We will continue to support the efforts of other communities to throw a pebble in the pond of public reporting. Watch for the ripples to spread.

Next year, we will continue to expand our measurement and reporting efforts. All clinics located in Minnesota will be submitting data for the Optimal Diabetes Care and Optimal Vascular Care measures as part of the new Minnesota Statewide Quality Reporting and Measurement System. They also will be required to complete the Health Information Technology survey. In 2011, reporting requirements will include the Depression Care Measures and the other measures yet to be determined.

In addition, we will release a new asthma composite measure implemented through the DDS process. We are also developing a new DDS colorectal cancer screening measure, a measure on the quality of colonoscopy, and a new High Tech Diagnostic Imaging measure. We will also be revising the Optimal Diabetes Care measure in response to new clinical evidence and will continue to monitor the clinical literature to ensure that all of our measures are aligned with emerging research.

Our Board of Directors is committed to seeing that this work continues to serve our community and add value toward improving our health care system. We will continue investigating important questions using our data. The results will help us meet our mission to accelerate the improvement of health by publicly reporting health care information. For more information, contact Anne Snowden, MN Community Measurement, at snowden@mncm.org.

Introduction

In 2004, MN Community Measurement's first *Health Care Quality Report* comparing medical group performance was launched, and like tossing a pebble in a pond it created an initial splash reporting results on 51 medical groups on nine clinical topics. At that time, Minnesota was one of a handful of states that were using measurement and public reporting as tools to drive improvements in health care. With time, public reporting has become the "new normal" in Minnesota and across the country. While we don't have strong evidence that the changes we see are due to public reporting, our community has demonstrated impressive improvements in care for the measures on which we report and we are showing that "what gets measured gets done".

Each subsequent report creates a larger splash that has had a ripple effect on our community. Both the number of medical groups and the number of measures reported have increased over the years. When we first launched the Direct Data Submission process in 2007, there were 23 medical groups representing 191 clinics that voluntarily submitted data for the Optimal Diabetes Care measure; 28 medical groups representing 160 clinics that submitted data for the Optimal Vascular Care measure. Since then, we have seen medical group participation nearly triple in 2009 with 70 medical groups representing 426 clinics submitting data for both measures. We expect even more growth next year when the Minnesota Statewide Quality Reporting and Measurement System takes effect.

But the ripples don't stop there. The scope of our measures has grown rapidly over the past year to not only include more clinical measures, but also new types of measures – patient experience of care, health information technology, hospitals, and payment for procedure. The information is being used for studies to answer important research questions about the quality of health care. It is also being used by health plans and purchasers to drive improvements in care through pay-for-performance programs. And we are starting to hear more stories of how consumers themselves are using this information:

One patient who has lived with diabetes for years saw an article in the newspaper about MN Community Measurement and the MN HealthScores web site. While he had controlled his diabetes with diet and exercise he had recently experienced an A1C spike to 9.8. His current physician had recommended more aggressive therapy than he was ready to accept. This is when he used MN HealthScores to find a new clinic. He searched the web site and found a clinic that had excellent rates for optimal diabetes care. He has begun visiting this clinic to help him with his diabetes, driving a significant distance just to receive the kind of care that he deserves and expects.

Our ability to make a larger splash was enhanced earlier this year when we became the contractor for the Minnesota Statewide Quality Reporting and Measurement System. This shows that we are seen by the state as a credible source on cost and quality measurement. MNCM staff is also serving on committees for Provider Peer Grouping, Baskets of Care, and Health Care Home measures. We are becoming the trusted source of publicly reported health care data in Minnesota. We also have national recognition as a leader in performance measurement and reporting so we are throwing pebbles into other ponds and creating ripple effects that extend far beyond our borders. These efforts are important because we want our measures to be used by others and build capacity for public reporting across the country. The collaborative environment in which we work is very special and the work can be used to improve care across the country.

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Changes in the 2009 Report

Measurement Changes

- We changed the upper age limit for the Chlamydia screening measure from 25 to 24 to coincide with guidelines.
- Due to a policy decision and the fact that most groups are reporting their Optimal Vascular Care data through the DDS process, the Optimal Vascular care measure is no longer reported using health plan data.

Report Changes

- With the addition of new measures and new types of measure, the report has been restructured to categorize measures by the Institute of Medicine aims in three large categories that make the most sense to consumers. For the clinical measures, the categorization used in last year's report remains the same.
- For measures reported at the medical group level using health plan data, the results are now displayed in a chart showing a high to low distribution of the rates for all medical groups that were reportable. More detailed tables of results are now included at the end of the report to be more useful for medical groups and consumers. These tables show all of the data including confidence intervals and a rating based on whether the rate was above average, at average or below average.
- Information on data collection and data sources and methodology has been moved to an Appendix categorized in the same way as the Results by Measure section.
- Added two new clinical measures:
 - Avoidance of Antibiotic Treatment in Adults with Acute Bronchitis
 - Depression Care Measure: Six Month Remission Rate
- Added new types of measures:
 - Health Information Technology Measures
 - Patient Experience Measures
- Increased the total number of medical groups reported from 143 to 170.
- As a result of the state contract, expanded our scope to report on the Agency for Healthcare Research and Quality (AHRQ) measures in hospitals.

Measures

The measures in this 2009 Health Care Quality Report were recommended over the years by MNMCM’s Reporting Advisory Committee and approved by our Board of Directors. We have expanded measures, retired some, and updated others to align with current evidence-based guidelines. These changes are reflected in Table 1.

Table 1 - Clinical Performance Measures

Report Year	2004	2005	2006	2007	2008	2009
Medical Group Level Reporting (Data Source: Health Plans)						
Appropriate Testing for Children with Pharyngitis			X	X	X	X
Appropriate Treatment for Children with Upper Respiratory Infection			X	X	X	X
Avoidance of Antibiotics in the Treatment of Adult Bronchitis						X
Childhood Immunization (Combo 3)	X*	X*	X	X	X	X
Adolescent Immunization	X	X				
Well Child Visits	X	X	X			
Use of Appropriate Medications for People with Asthma (Ages 5-56)	X	X	X	X	X	X
Breast Cancer Screening (Ages 52-69)	X	X	X	X	X	X
Cervical Cancer Screening (Ages 24-64)	X	X	X	X	X	X
Colorectal Cancer Screening (Ages 51-80)			X	X	X	X
Cancer Screening Combined (Breast, Cervical, Colorectal)(Ages 51-80)			X	X	X	X
Chlamydia Screening in Women (Ages 16-64)	X**	X**	X**	X**	X**	X
Controlling High Blood Pressure (<140/90 mmHg)	X***	X***	X***	X	X	X
Optimal Diabetes Care	X^#	X^#	X^#	X#	X#	X#
Optimal Vascular Care					X	
Depression Treatment-Acute Phase Medication Management	X	X	X			
Depression Treatment-Continuous Phase Medication Management	X	X	X			
Total Medical Groups	51	54	104	128	143	172
Clinic Level Reporting (Data Source: Medical Groups)						
Optimal Diabetes Care				X	X	X
Optimal Coronary Artery Disease (CAD) Care				X		
Optimal Vascular Care					X	X
Depression Care						X
Total Clinics (# Medical Groups/# Clinics)				28/191	62/321	70/426
New Types of Measures						
Patient Experience						X
HIT						X
Hospital						X
Payment for Procedure						X

*Childhood Immunization - Combo 2 only **Chlamydia Screening in Women - Ages 16-25 ***Blood Pressure <=140/90 mmHg
 ^Optimal Diabetes Care (Old Targets): HemA1c <=8, Blood Pressure <130/85, LDL-C <130 mg/dl, Aspirin Use, Tobacco Free
 #Optimal Diabetes Care (New Targets): HemA1c <7, Blood Pressure <130/80, LDL-C <100 mg/dl, Aspirin Use, Tobacco Free

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Measures

With the increase in not only the number of measures but also the type of measures reported to MNCM by medical groups, we have divided the quality indicators in this newest report into three categories based on the Institute of Medicine's Six Aims for Improvement. These aims, developed by the Institute of Medicine (IOM) in 2001, focus on six ways that care can be delivered more efficiently and safely. The three categories used in this report emphasize the several dimensions of quality care for which medical groups strive. The "*Care That is Proven to Work*" category 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 care for patients with chronic conditions and are referred to as "Living with Illness" measures. Another sub-category includes measures that reflect how well medical groups care for patients with common acute illnesses and are referred to as "Getting Better" measures. A third and last sub-category includes measures that reflect how well medical groups keep individuals healthy and identify disease at an early stage when it can be treated most effectively. These measures are referred to as "Staying Healthy" measures.

We still have two reporting levels for the "*Care that is Proven to Work*" measures – clinic level and medical group level. The clinic level measures are those calculated through the DDS process. These measures relied on data specifications published in the *2009 Direct Data Submission Guide: Optimal Diabetes Care and Optimal Vascular Care* and the *2009 Guide for Depression Measures: Primary Care and Behavioral Health Providers*. These measures are aligned with clinical guidelines established by the Institute for Clinical Systems Improvement (ICSI). Specifications for clinic level results have been developed for three measures – Optimal Diabetes Care, Optimal Vascular Care, and Depression Care.

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

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

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Measures

Care That is Proven to Work

“Living with Illness” measures

- **Optimal Diabetes Care** – Measures the percentage of patients with diabetes (Types 1 and 2) ages 18-75 who reached all five treatment goals to reduce the risk of cardiovascular diseases, including hemoglobin A1c (A1c) less than 7, blood pressure less than 130/80 mmHg, LDL-C less than 100 mg/dl, daily aspirin use (ages 41-75) and documented tobacco-free status.
- **Optimal Vascular Care** – Measures the percentage of patients with vascular disease ages 18-75 who reached all four treatment goals to reduce modifiable risk factors. The treatment goals include blood pressure less than 130/80 mmHg, LDL-C less than 100 mg/dl, daily aspirin use and documented tobacco-free status.
Note: Vascular disease includes the following, as defined in the HEDIS 2009 specifications for the measure Cholesterol Management for Patients With Cardiovascular Conditions (CMC): Acute Myocardial Infarction (AMI), coronary artery bypass graft (CABG), percutaneous transluminal coronary angioplasty (PTCA) or ischemic vascular disease (IVD)
- **Depression Care – (Six Month Remission Rate)** - Based on the denominator of patients with major depression or dysthymia whose initial PHQ-9 is greater than nine, this measures the percent of patients whose six month PHQ-9 score is less than five. This is the definition of remission.
- **Controlling High Blood Pressure** – Measures the percentage of patients ages 18-85 with a diagnosis of hypertension whose blood pressure was adequately controlled at less than 140/90 mmHg during the measurement year. The representative blood pressure is the most recent blood pressure reading during the measurement year (as long as the reading occurred after the diagnosis of hypertension was made).
- **Use of Appropriate Medications for People with Asthma** – Measures the percentage of patients ages 5-56 with persistent asthma in the measurement year and prior year who were appropriately prescribed medication during the measurement year.

“Getting Better” measures

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

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Measures

“Staying Healthy” measures

- **Breast Cancer Screening** – Measures the percentage of women 52-69 who had a mammogram during the measurement year or prior year.
- **Cervical Cancer Screening** – Measures the percentage of women ages 24-64 who received one or more Pap tests to screen for cervical cancer in the measurement year or the two years prior.
- **Colorectal Cancer Screening** – Measures the percentage of adults ages 51-80 who had appropriate screening for colorectal cancer in the measurement year and prior year.
- **Cancer Screening Combined** – Measures the percentage of adults ages 51-80 who received appropriate cancer screening services (breast, cervical, colorectal). A patient must be up-to-date for all three components to be considered up-to-date for this measure. Males need only be up-to-date for the colorectal cancer screening component to be considered up-to-date for the Cancer Screening Combined measure. Women 65-80 are considered up-to-date for the cervical cancer screening component; women 70-80 are considered up-to-date for the breast cancer screening component.
- **Chlamydia Screening** – Measures the percentage of sexually active women aged 16-24 who had at least one test for Chlamydia infection during the measurement year.
- **Childhood Immunization Status (Combo 3)** – Measures the percentage of children two years of age who had four DTaP/DT, three IPV, one MMR, two H influenza type B, three Hepatitis B, one VZV, and four pneumococcal conjugate vaccines within the HEDIS specified time period and by their second birthday.

Care That is Responsive to a Patient’s Needs and Preferences

Patient Experience Measures

The patient experience of care measures address patients’ perceptions of their experience during their last visit to their doctor. The data were gathered from patient responses to a survey that were compiled into four composite measures:

- **Getting Care When Needed:** Reports on the timeliness of appointments, care and information.
- **How Well Doctors Communicated:** Reports how well doctors listen to their patients and explain things in a way they can understand
- **Courteous and Helpful Office Staff:** Reports whether the doctor’s office staff was polite and helpful.
- **Doctors With an Exceptional Rating:** Reports the percentage of patients who rated their doctor as a 9 or 10 on a 0-10 rating scale where 10 = “best doctor possible”. This measure shows the average response for all patients surveyed on each clinic reported.

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Measures

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

Health Information Technology Measures

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

Health information technology (HIT) makes it easier for medical groups and clinics to manage medical information and share it safely with the patient and with other health care providers.¹ It can improve not only the processes clinics use to care for patients, but also the patients' actual health outcomes. It also can:

- Prevent medical errors
- Reduce health care costs by reducing unnecessary tests and procedures
- Help the doctor make more timely decisions
- Increase administrative efficiencies; and
- Expand access to care if it is used for electronic visits.

The four measures reported here include using HIT to track clinical results, for electronic medication prescribing, for electronic scheduling and for electronic visits.

- **Electronic Clinical Results:** This measure tells a patient if their doctor uses an electronic medical record to track pending laboratory tests, diagnostic tests, and patient referrals. An example of this would be if the doctor can use the electronic medical record to track and monitor a blood test result between visits.
- **Electronic Prescriptions:** This measure tells a patient if their doctor can enter information about prescriptions into a computer and send it directly to a pharmacy. This method adds to patients' safety and prevents mistakes. It can notify physicians about drug allergies or conflicts with other medications a patient may be taking and can provide information about alternative medications. It can save patients' time because they do not have to drop off a prescription and wait until it is filled.
- **Electronic Scheduling:** This measure tells a patient if their provider has the ability to let patients make appointments online at their convenience. For example, if a patient has access to the internet, electronic scheduling allows a patient to make an appointment without having to call during a doctor's office business hours.
- **Electronic Visits:** This measure tells a patient if their provider offers electronic visits or e-visits as an alternative to a typical in-the-office visit. In an e-visit, patients consult with their doctor over the internet from the comfort of their own home.

¹ U.S. Department of Health and Human Services. (<http://healthit.hhs.gov>).

(continued on page 15)

Measures

Hospital Measures

The hospital quality measures were developed by the Agency for Healthcare Research and Quality (AHRQ). They are collected by the Minnesota Hospital Association, using administrative data from Minnesota hospitals. The inpatient quality indicators reflect the quality of care inside hospitals, and include mortality and surgery measures. The patient safety indicators reflect hospital quality, 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.

Coronary Artery Bypass Graft (CABG) Volume – This measure is used to assess the raw volume of provider-level coronary artery bypass graft (CABG) (surgical procedure).

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

Percutaneous Transluminal Coronary Angioplasty (PTCA) – This measure is used to assess the raw volume of provider-level percutaneous transluminal coronary angioplasty (PTCA) (surgical procedure).

PTCA Mortality Rate – This measure is used to assess the number of deaths per 100 percutaneous transluminal coronary angioplasties (PTCAs).

Patient Safety Indicators

Hip Fracture Mortality Rate – This measure is used to assess the number of deaths per 100 discharges with principal diagnosis code of hip fracture.

Pressure Ulcer – This measure is used to assess the number of cases of decubitus ulcer per 1,000 discharges with a length of stay greater than 4 days.

Death Among Surgical Patients with Treatable Serious Complications – This measure is used to assess the number of deaths per 1,000 patients having developed specified complications of care during hospitalization.

Post-Operative Pulmonary Embolism or Deep Vein Thrombosis – This measure is used to assess the number of cases of deep vein thrombosis (DVT) or pulmonary embolism (PE) per 1,000 surgical discharges with an operating room procedures.

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.

Results by Measure
(2008 Dates of Service)

Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Optimal Diabetes Care

Optimal Diabetes Care (Clinic and Medical Group Level Results)

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

- Hemoglobin A1c (HBA1c) less than 7
- Blood pressure less than 130/80 mmHg
- LDL-cholesterol less than 100 mg/dl
- Daily aspirin use, ages 41-75
- Documented tobacco-free status

This measure is calculated at both the medical group level and the clinic level. Results at both levels are described below.

Clinic Level Results:

The statewide rate for Optimal Diabetes Care at the clinic level is 18.9 percent. Table 2.1 displays the details of these statewide rates at the clinic level. Figure 2.1 displays the statewide rates over time. Since the 2007 report, there has been a steady increase in this rate. Chart 2.1 provides the rates for the clinic level data which are sorted by clinic from highest to lowest, along with the clinic average (designated by the bold black line). Chart 2.2 provides the rates for clinic level data rolled up by medical group. If a medical group has only one clinic, the clinic level result will be the same as the clinic level result rolled up by medical group. The rates are sorted by medical group from highest to lowest along with the clinic average (designated by bold black line).

Medical Group Level Results:

At the medical group level, the statewide rate is 16 percent for Optimal Diabetes Care. Table 2.2 displays the details of these statewide rates at the medical group level and Figure 2.2 displays the details at the medical group level over time. Since 2004, there has been a steady increase in this rate. Chart 2.3 provides the rates for medical group level data and is a visual of the distribution of averages from high to low with the bold black line representing the medical group average.

Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Optimal Diabetes Care

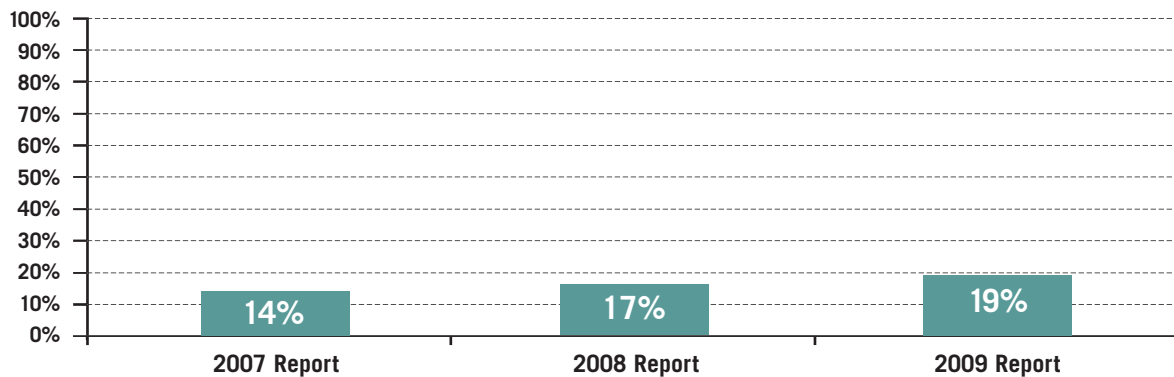
Optimal Diabetes Care (Clinic Level Results)

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

Table 2.1: Statewide Clinic Level Rate for Optimal Diabetes Care

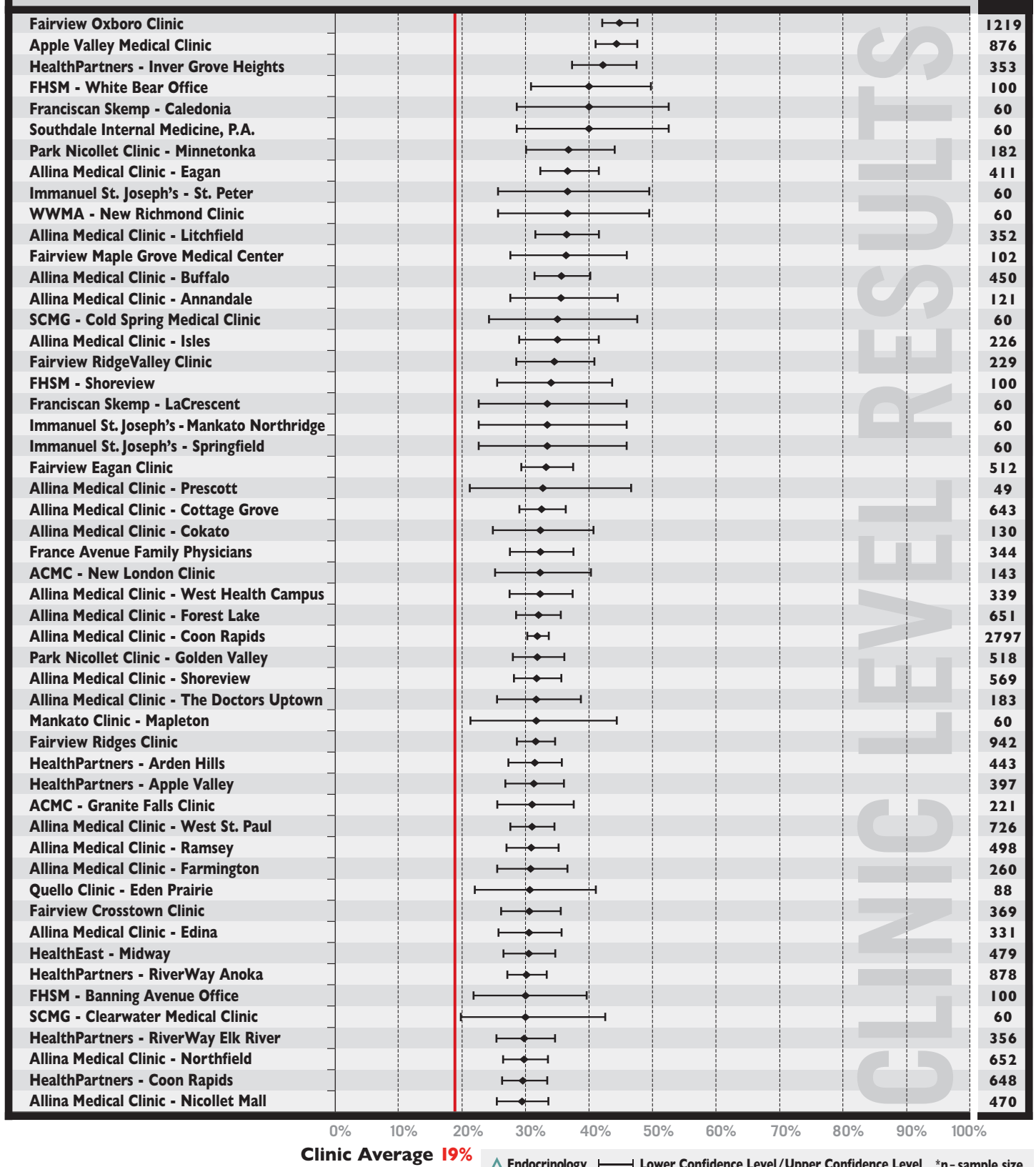
	Statewide Average (Weighted)	95% CI	Numerator	Denominator (Patients sampled)	Total Eligible
Optimal Diabetes Care	18.9%	18.7% - 19.1%	23,470	112,819	178,748

Figure 2.1: Statewide Clinic Level Rate for Optimal Diabetes Care Over Time



Note: 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 Level Results)

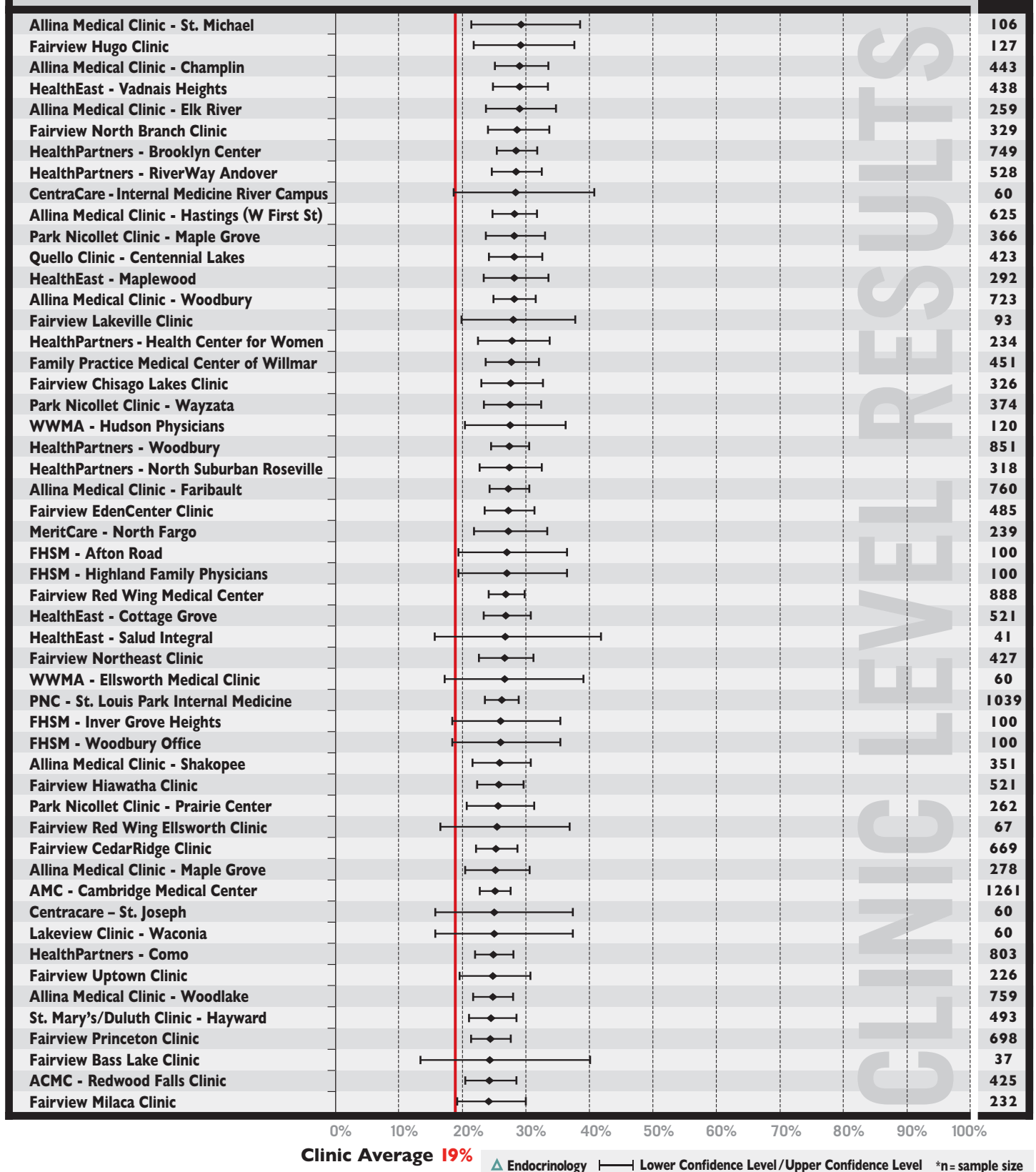


Living with Illness

CLINIC LEVEL RESULTS

ACMC - Affiliated Community Medical Centers	FHSM - Family HealthServices Minnesota	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SLC - St. Luke's Clinic
AMC - Allina Medical Clinic	FMC - Family Medical Center	ISJ - Immanuel St. Joseph's	PNC - Park Nicollet Clinic	SMDC - St. Mary's/Duluth Clinic
CPMG - Columbia Park Medical Group	HCMC - Hennepin County Medical Center	MA - Multicare Associates	SCMC - Stevens Community Medical Center	UMP - University of Minnesota Physicians
FCHS - Fremont Community Health Services	HP - HealthPartners	MC - MeritCare	SCMG - St. Cloud Medical Group	WWMA - Western Wisconsin Medical Associates
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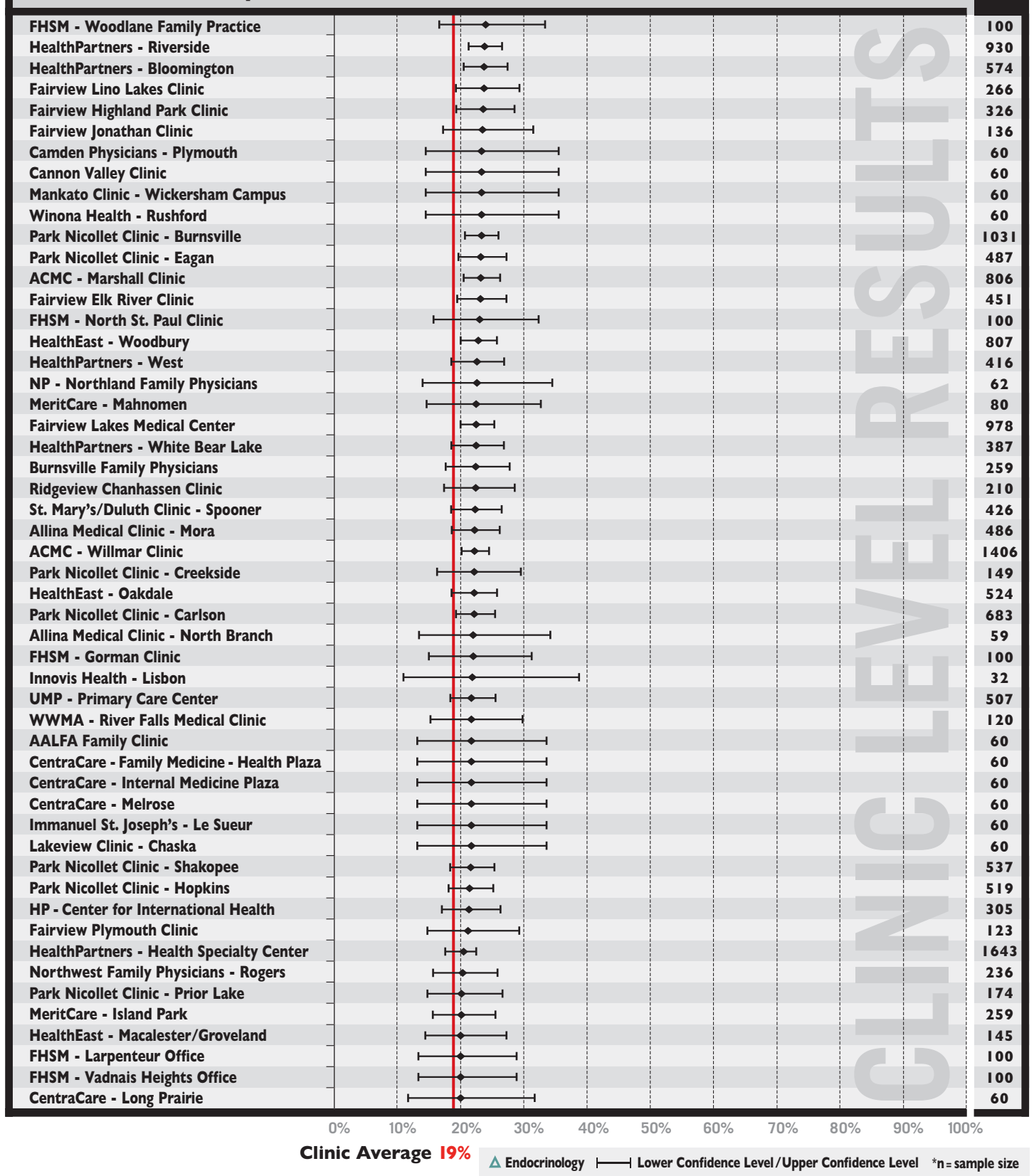
Chart 2.1: Optimal Diabetes Care (Clinic Level Results) – continued



CLINIC LEVEL RESULTS

ACMC - Affiliated Community Medical Centers	FHSM - Family HealthServices Minnesota	HFA - Hennepin Faculty Associates	NP - Northstar Physicians	SLC - St. Luke's Clinic
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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) – continued

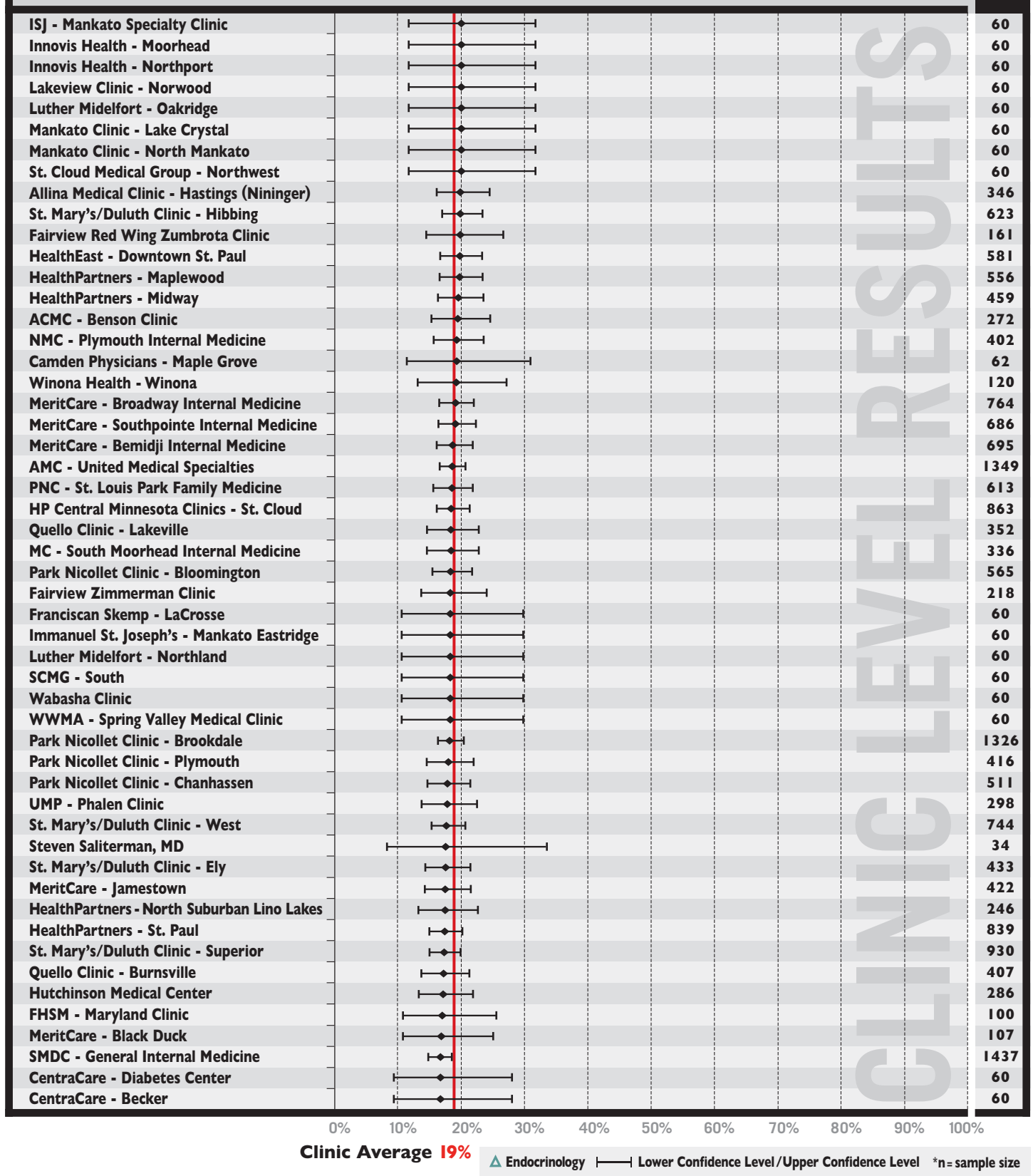


CLINIC LEVEL RESULTS

Living with Illness

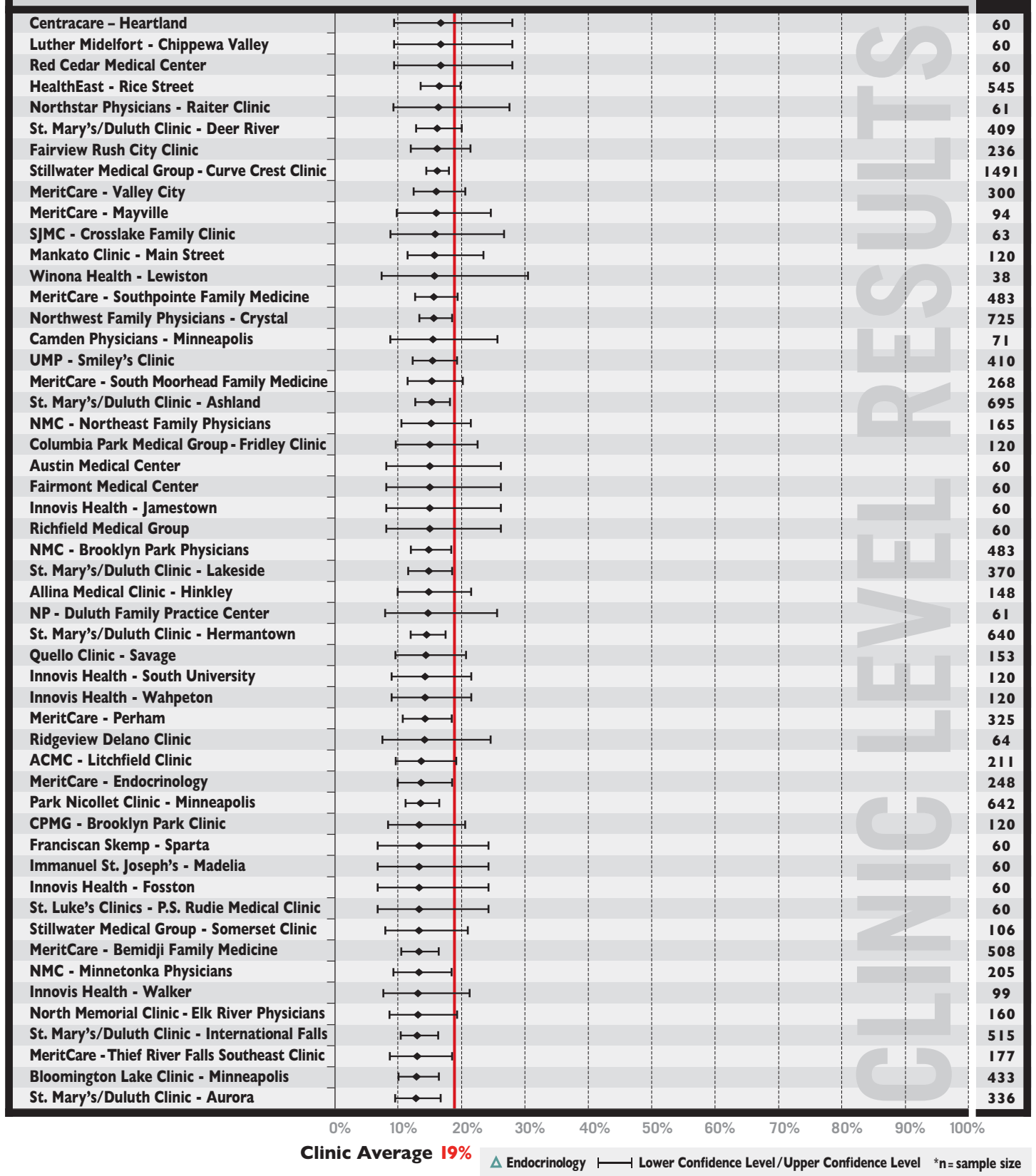
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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) – continued



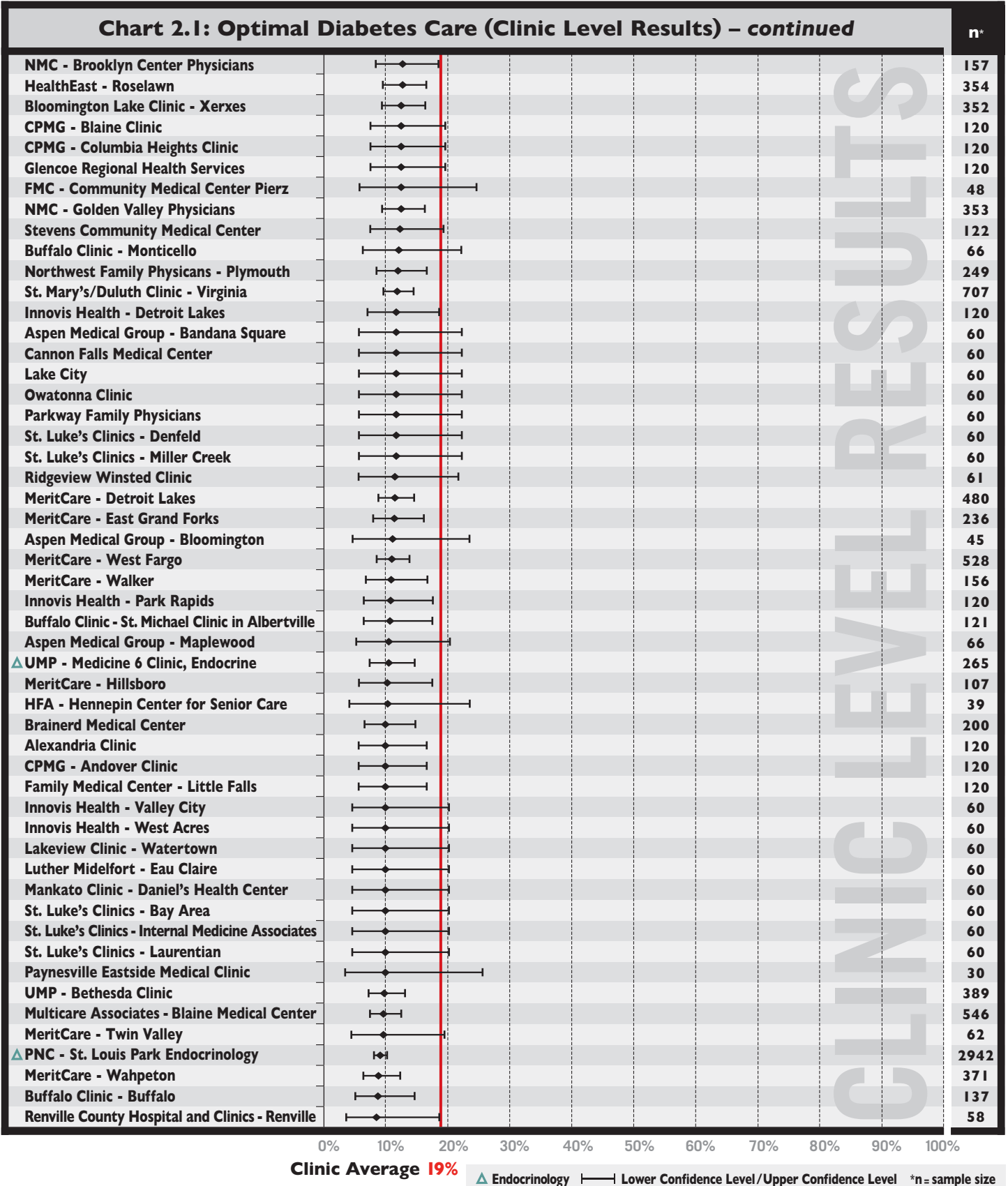
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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) – continued



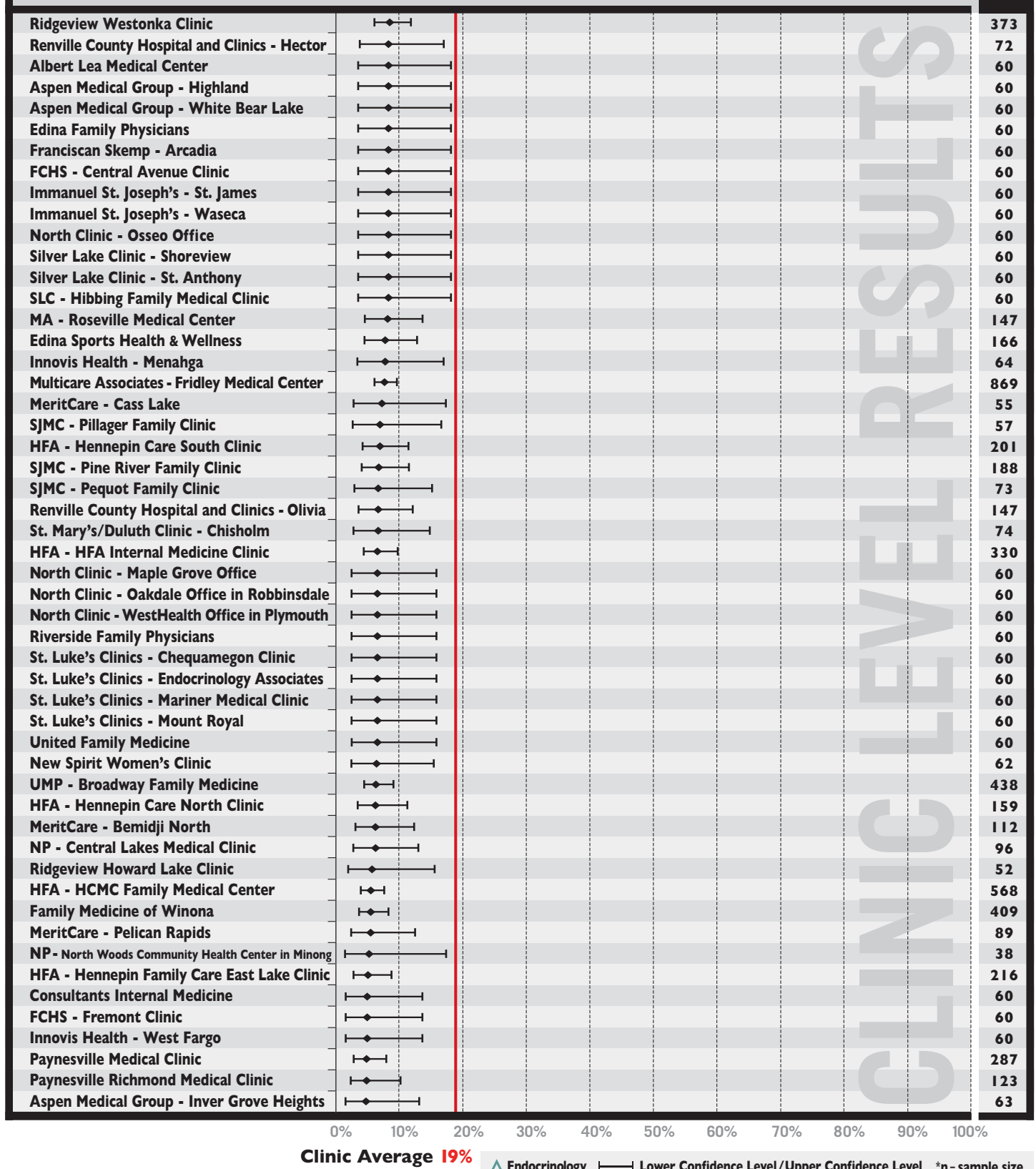
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Chart 2.1: Optimal Diabetes Care (Clinic Level Results) – continued



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

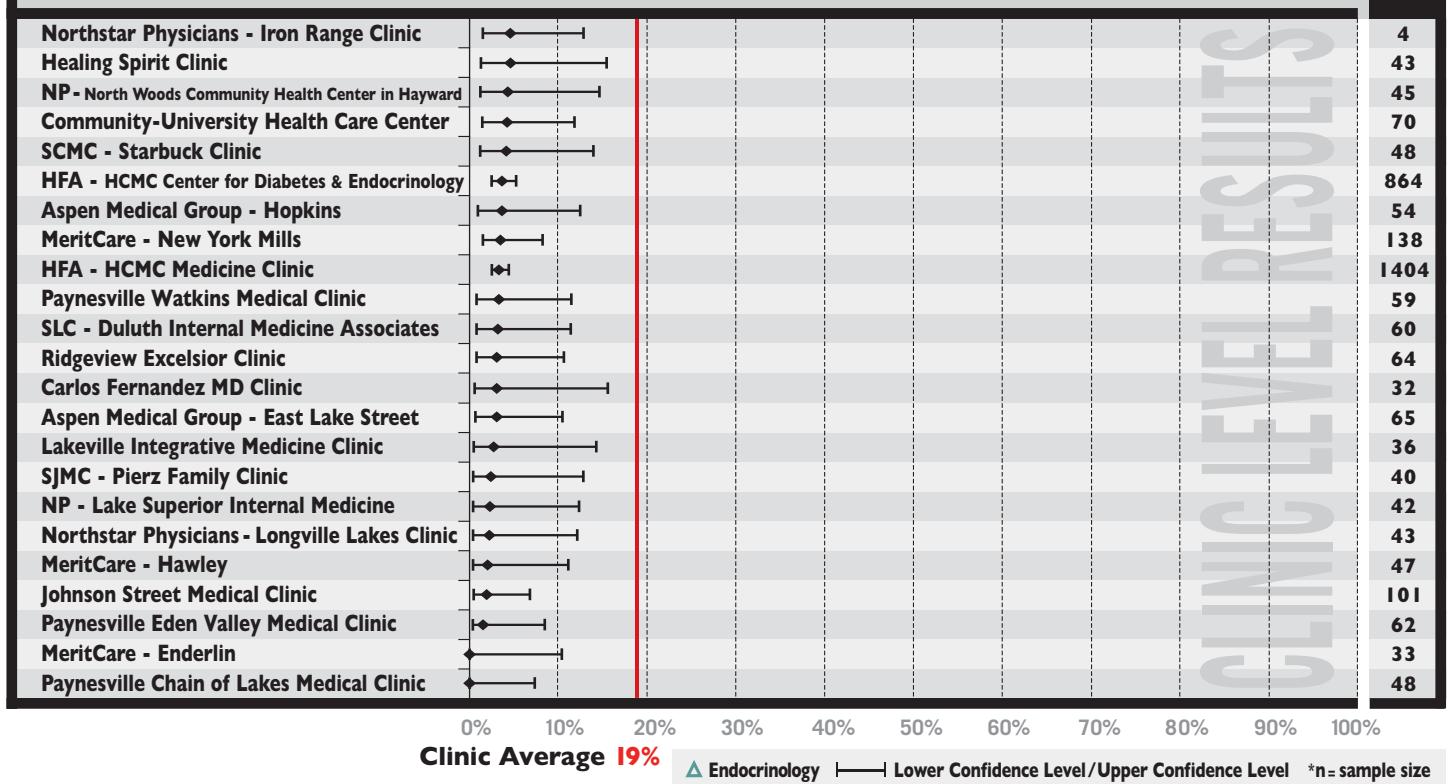


Living with Illness

CLINIC LEVEL RESULTS

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



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Performance Highlights – Clinic Level Results

Highest Performers in 2009

Clinic level results showed that an average of 19 percent of patients with diabetes met all five required components included in this measure. **Fairview Oxboro Clinic** set the benchmark of 45 percent of diabetes patients in full compliance with all five diabetes-care components. There were 107 of 393 clinics with rates and confidence intervals fully above the clinic level average. The high performing clinics are listed below in alphabetical order under the heading of their medical group name:

Affiliated Community

Medical Centers

- Granite Falls Clinic
- Marshall Clinic
- New London Clinic
- Redwood Falls Clinic
- Willmar Clinic

Allina Medical Clinic

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

Apple Valley Medical Clinic

Fairview Health Services

- CedarRidge Clinic
- Chisago Lakes Clinic
- Crosstown Clinic

- Eagan Clinic
- EdenCenter Clinic
- Elk River Clinic
- Hiawatha Clinic
- Highland Park Clinic
- Hugo Clinic
- Lakes Medical Center
- Lakeville Clinic
- Lino Lakes Clinic
- Maple Grove Medical Center
- Milaca Clinic
- North Branch Clinic
- Northeast Clinic
- Oxboro Clinic
- Princeton Clinic
- Red Wing Medical Center
- Ridges Clinic
- RidgeValley Clinic
- Uptown Clinic

Family HealthServices Minnesota

- Afton Road
- Banning Avenue Office
- Highland Family Physicians
- Shoreview
- White Bear Office

Family Practice Medical Center of Willmar

France Avenue Family Physicians

HealthEast

- Cottage Grove
- Maplewood
- Midway
- Vadnais Heights
- Woodbury

HealthPartners Clinics

- Apple Valley
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Health Center for Women

- Inver Grove Heights
- North Suburban Roseville
- Riverside
- RiverWay Andover
- RiverWay Anoka
- RiverWay Elk River
- Woodbury

Mankato Clinic

- Mapleton

Mayo Health System

- Franciscan Skemp-Caledonia
- Franciscan Skemp-LaCrescent
- Immanuel St. Joseph's-Mankato Northridge
- Immanuel St. Joseph's Springfield
- Immanuel St. Joseph's-St. Peter

Merit Care

- North Fargo

Park Nicollet Health Services

- Burnsville
- Carlson
- Eagan
- Golden Valley
- Maple Grove
- Minnetonka
- Prairie Center
- St. Louis Park Internal Medicine
- Wayzata

Quello Clinic

- Centennial Lakes
- Eden Prairie

Southdale Internal Medicine, P.A.

St. Cloud Medical Group

- Clearwater Medical Clinic
- Cold Spring Medical Clinic

St. Mary's Duluth Clinic

- Hayward

Western Wisconsin Medical

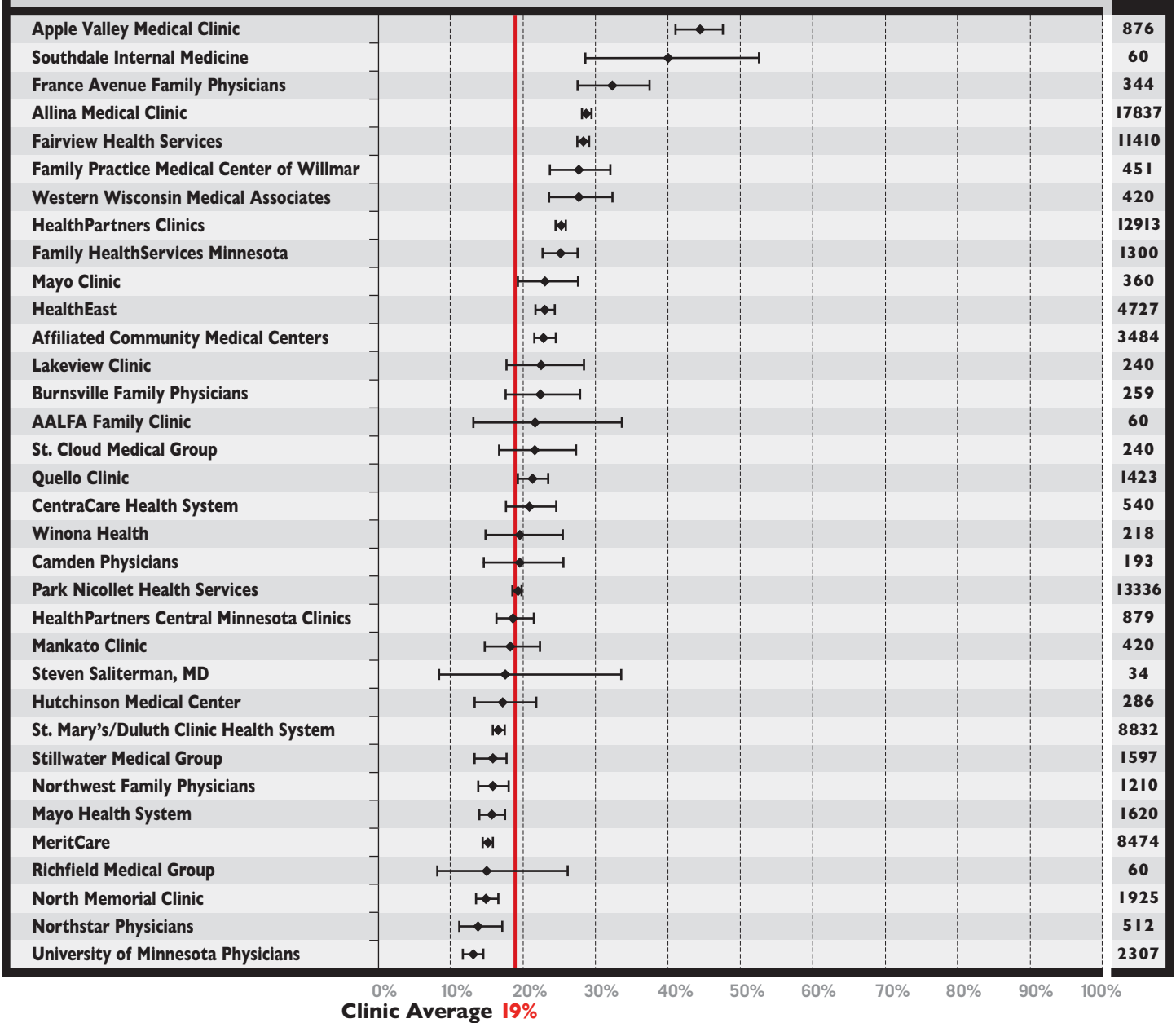
Associates

- Hudson Physicians
- New Richmond Clinic

Biggest Improvements

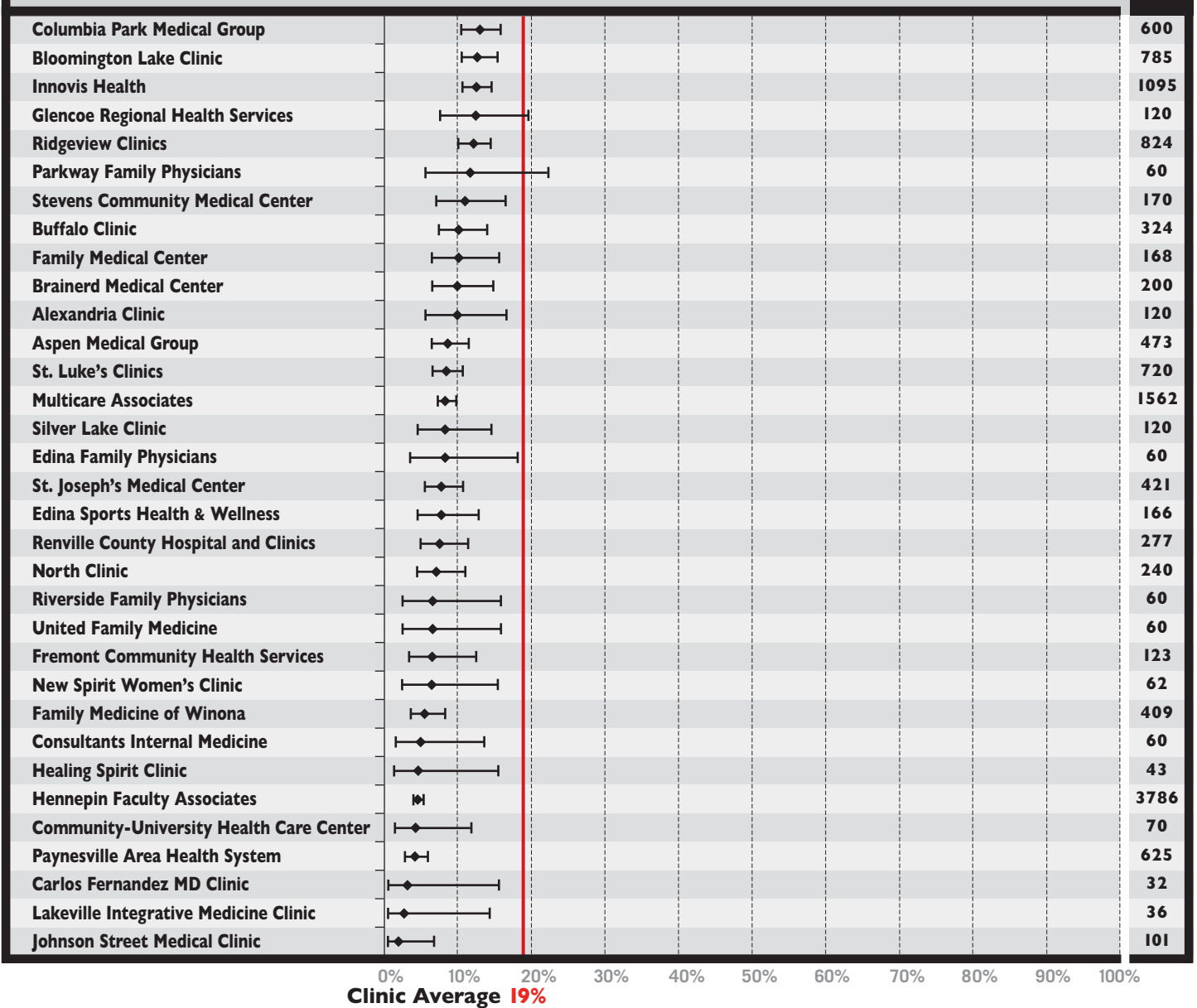
The greatest improvements since report year 2008 in Optimal Diabetes Care (clinic level results) were made by **Apple Valley Medical Clinic** and **CentraCare Health System - Internal Medicine River Campus** with each achieving greater than a 19 percentage point increase.

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



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

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



Living with Illness

Performance Highlights – Clinic Level Results Rolled Up by Medical Group

Highest Performers in 2009

Clinic level results by medical group showed that an average of 19 percent of patients with diabetes met all five required components included in this measure. **Apple Valley Medical Clinic** set the benchmark of 44 percent of diabetes patients in full compliance with all five diabetes care components. There were 13 of 67 medical groups with rates and confidence intervals fully above the medical group level average. The high performing medical groups are listed below in order of performance from high to low.

- Apple Valley Medical Clinic
- Southdale Internal Medicine
- France Avenue Family Physicians
- Allina Medical Clinic
- Fairview Health Services
- Family Practice Medical Center of Willmar
- Western Wisconsin Medical Associates
- HealthPartners Clinics
- Family HealthServices Minnesota
- Mayo Clinic
- HealthEast
- Affiliated Community Medical Centers
- Quello Clinic

Biggest Improvements

The greatest improvement since report year 2008 in Optimal Diabetes Care (clinic level results by medical group) was made by **Apple Valley Medical Clinic** with a 23 percentage point increase.

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Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Optimal Diabetes Care

Optimal Diabetes Care (Medical Group Level Results)

Medical groups that did not participate in direct data submission (DDS) are presented for this measure if they met minimum sampling thresholds (see methodology).

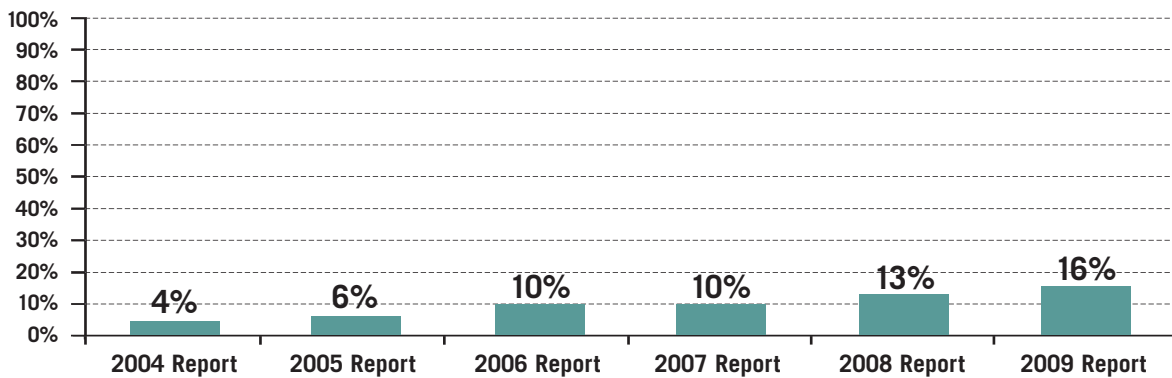
This rate is calculated using an all-or-none method. Credit is given for achieving this measure when all five components are met. Data collected for this measure are from health plan claims and medical record review.

Table 2.2: Statewide Medical Group Level Rate for Optimal Diabetes Care*

	Statewide Average (Weighted)	95% CI	Numerator (patients who met treatment goals)	Denominator (Patients sampled)	Total Eligible
Optimal Diabetes Care	16.0%	15.3% - 16.8%	1,218	9,919	68,537

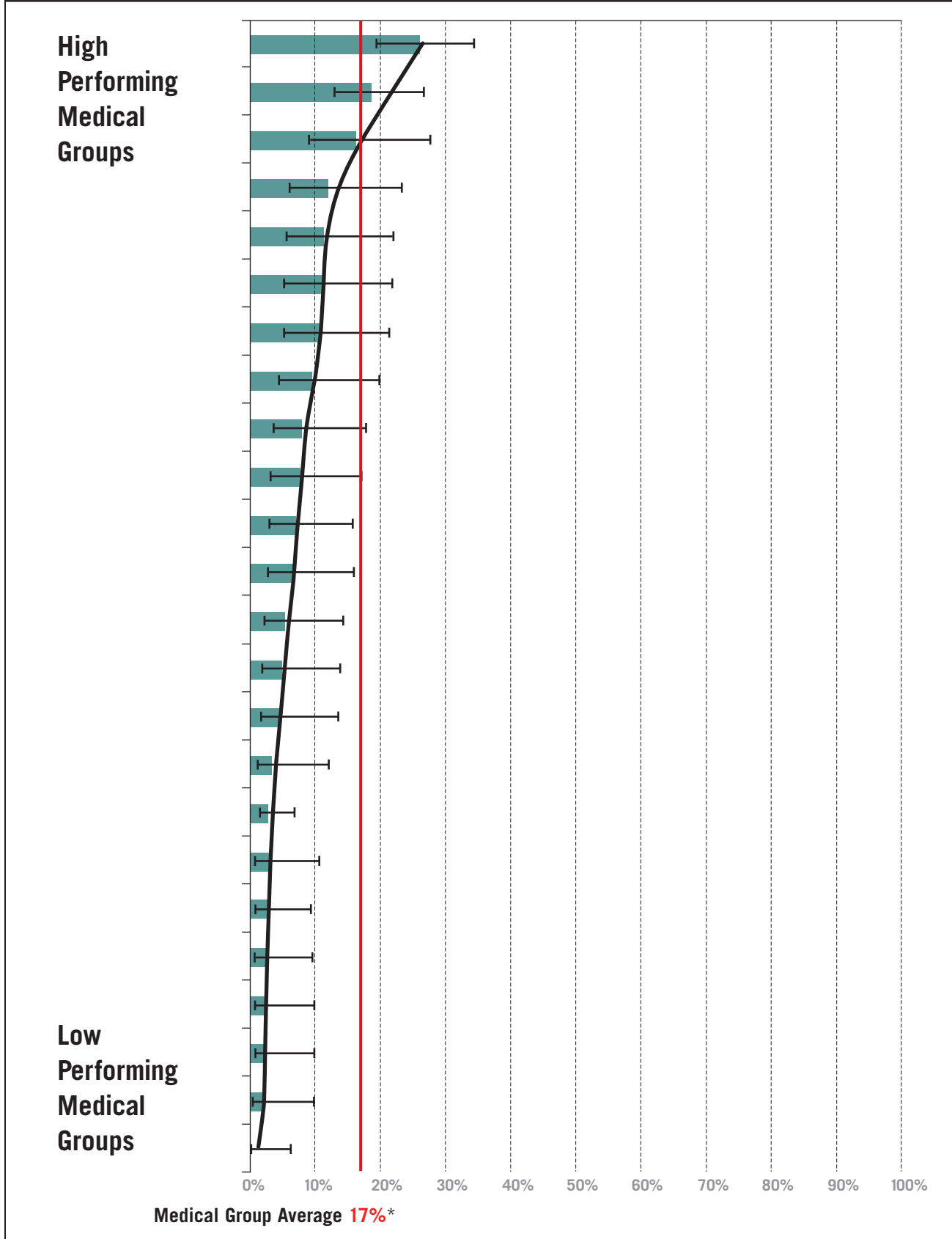
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 2.2: Statewide Medical Group Level Rate for Optimal Diabetes Care Over Time



Note: 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 2.3: Optimal Diabetes Care Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 17%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results include results for medical groups that did not participate in the DDS process for this measure. These results showed that an average of 17 percent of patients with diabetes met all five required components included in this measure. Among the groups reported at the medical group level for Optimal Diabetes Care, **Minnesota Rural Health Cooperative** set the benchmark of 24 percent of diabetes patients in full compliance with all five diabetes care components. Out of the 24 medical groups reported, Minnesota Rural Health Cooperative was the one group that had a rate and confidence interval fully above the medical group level average for patients.

Biggest Improvements

The greatest improvements since report year 2008 in Optimal Diabetes Care (medical group level) were made by **Grand Itasca Clinic** and **Endocrinology Clinic of Minneapolis** with each achieving greater than a 6 percentage point increase.

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Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Optimal Vascular Care

Optimal Vascular Care (Clinic Level Results)

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

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

The statewide rate for Optimal Vascular Care at the clinic level is 33.8 percent. Table 3 displays the details of these statewide rates at the clinic level. Figure 3 displays the statewide rates over time. Since the 2008 report, there has been an increase for this rate. Chart 3.1 provides the rates for clinic level data with the rates sorted from highest to lowest, along with the clinic average (designated

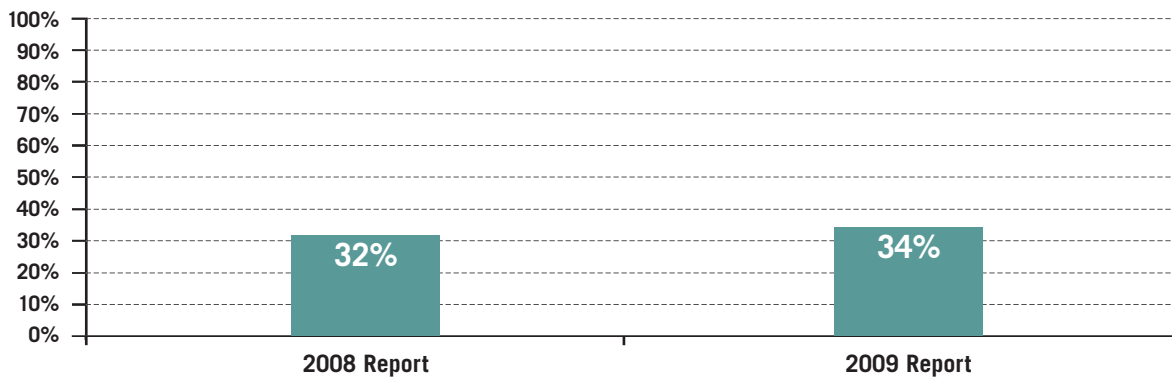
by bold black line). Chart 3.2 provides the rates for clinic level data rolled up by medical group and are sorted by medical group from highest to lowest along with the clinic average (designated by the bold black line). For this measure, there are two levels of high performers: Clinic Level and Clinic Level rolled up by Medical Group. Please note: if a medical group only has one clinic, the clinic level result is the same as the rolled up medical group result.

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

Table 3: Statewide Clinic Level Rates for Optimal Vascular Care

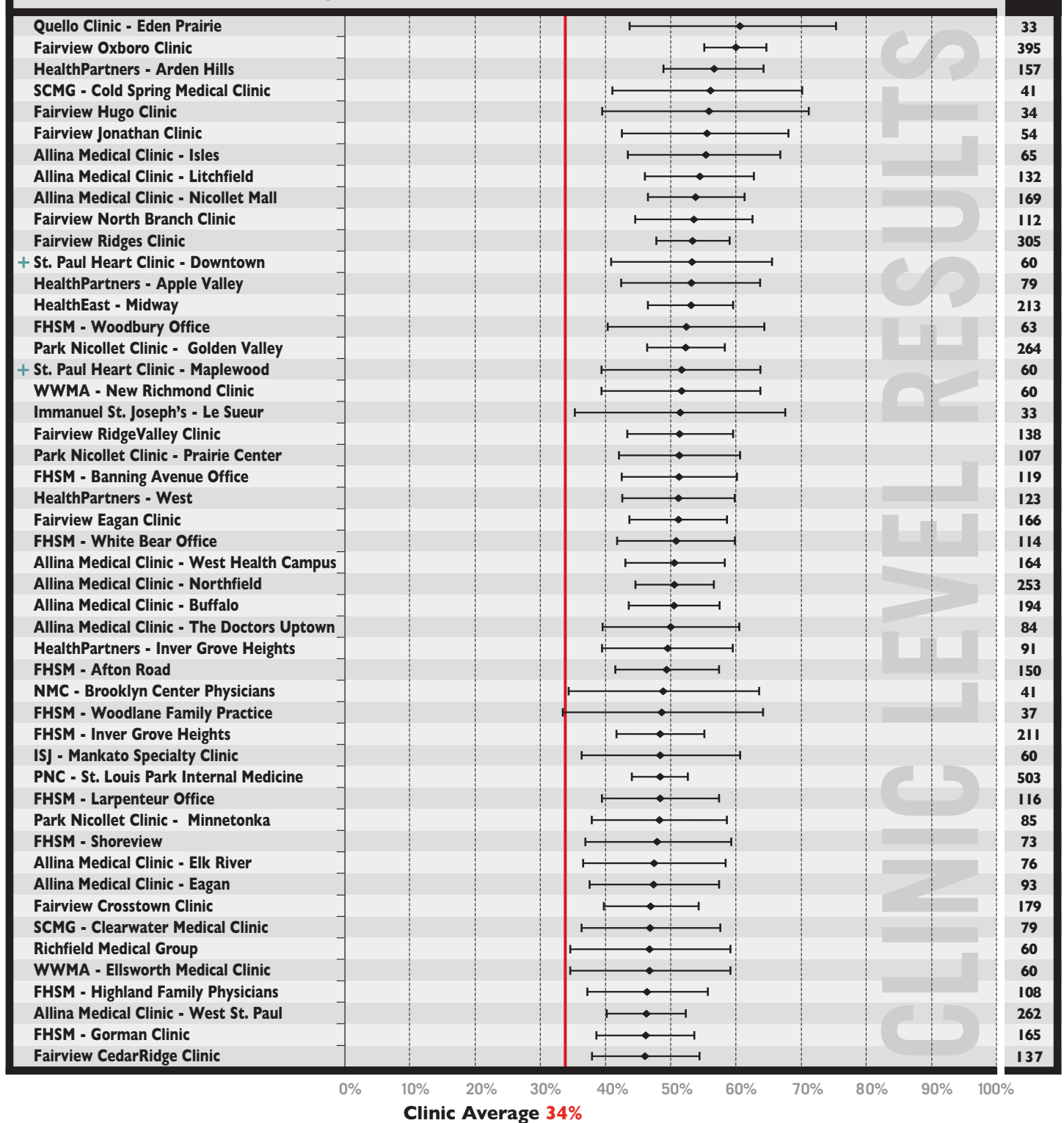
	Statewide Average (Weighted)	95% CI	Numerator	Denominator (Patients sampled)	Total Eligible
Optimal Vascular Care	33.8%	33.5% - 34.2%	16,529	46,779	80,907

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



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

Chart 3.1: Optimal Vascular Care (Clinic Level Results)

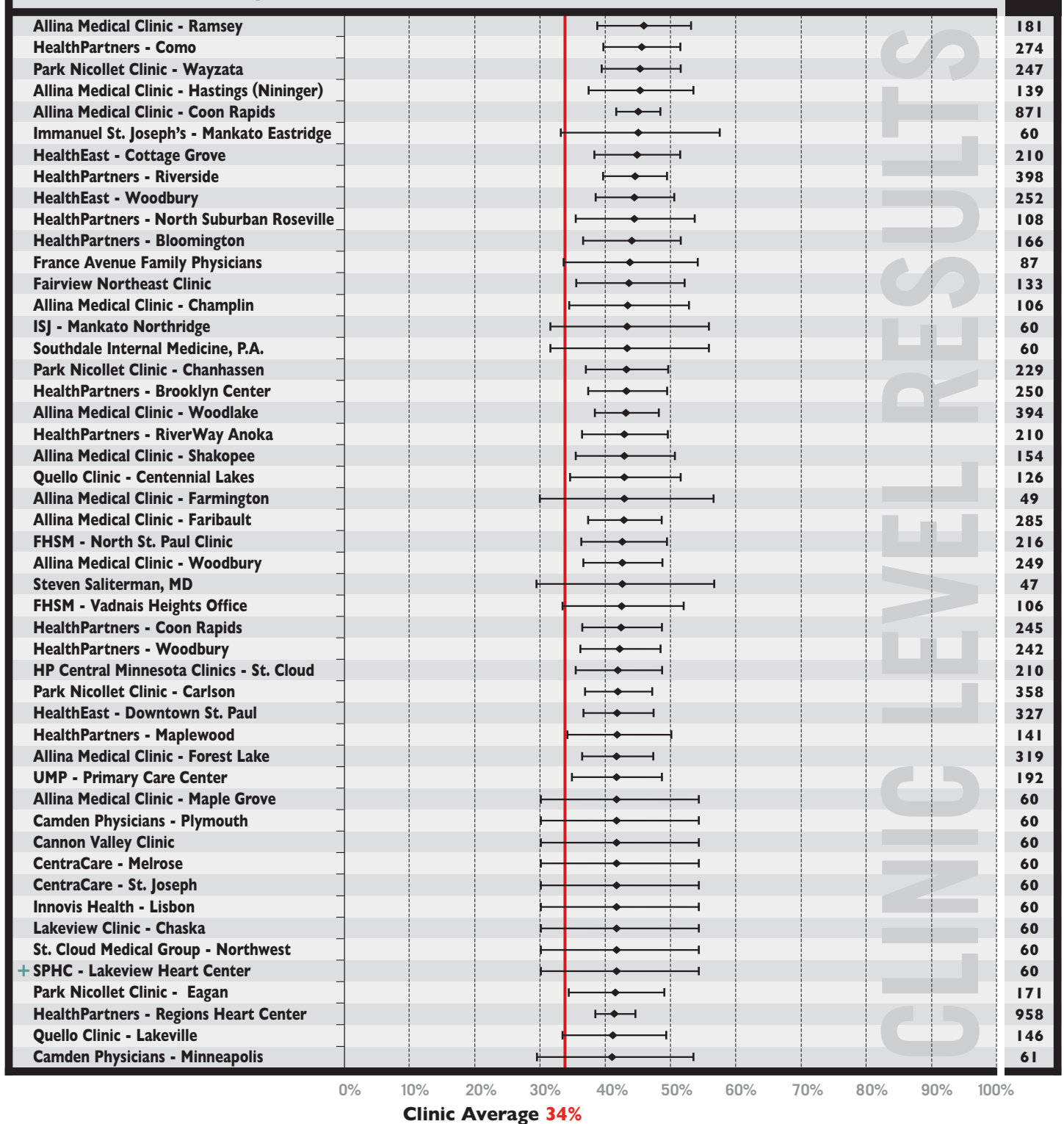


+ Cardiology | Lower Confidence Level/Upper Confidence Level *n = sample size

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Living with Illness

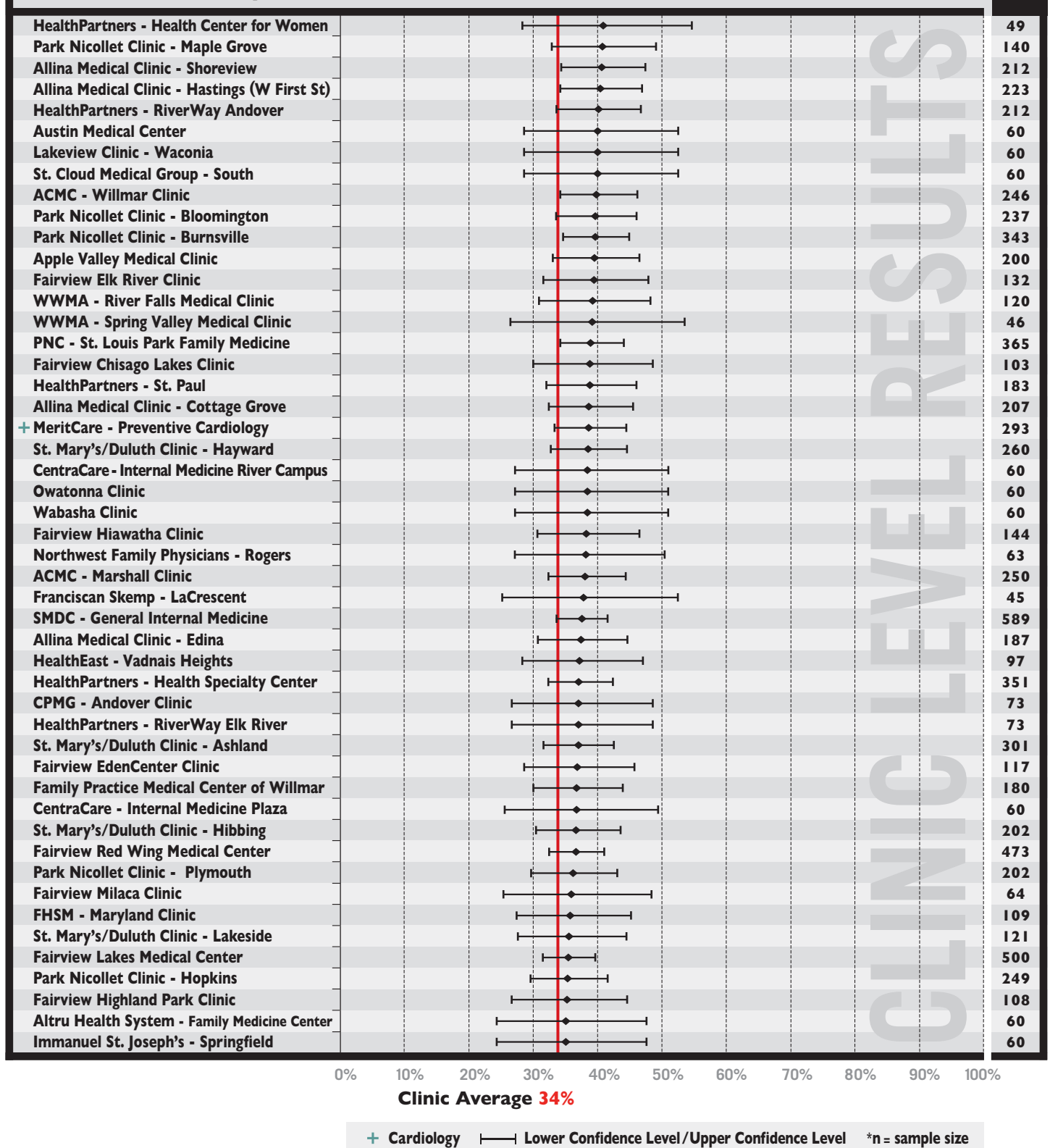
Chart 3.1: Optimal Vascular Care (Clinic Level Results) – continued



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

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

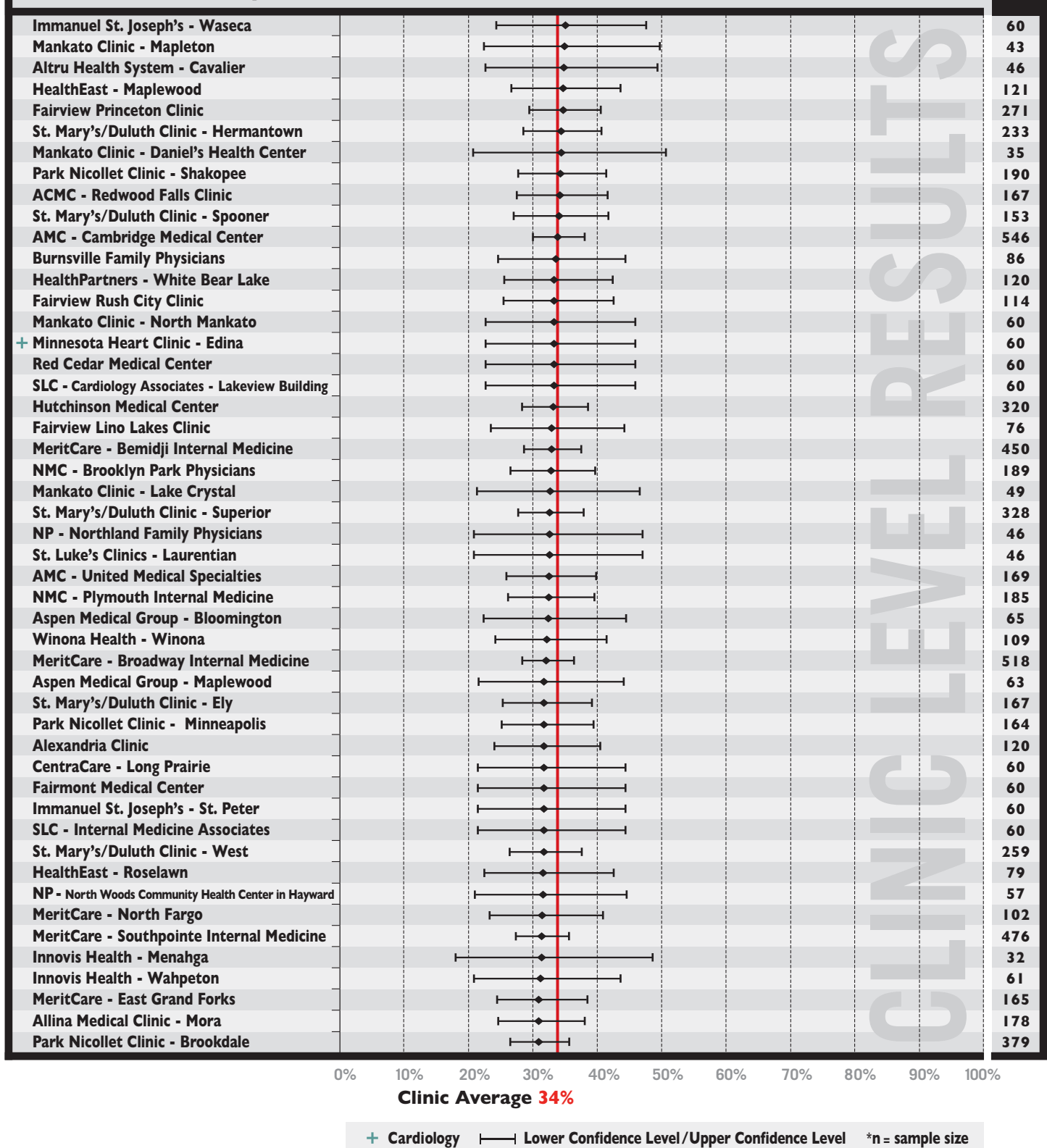


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CLINIC LEVEL RESULTS

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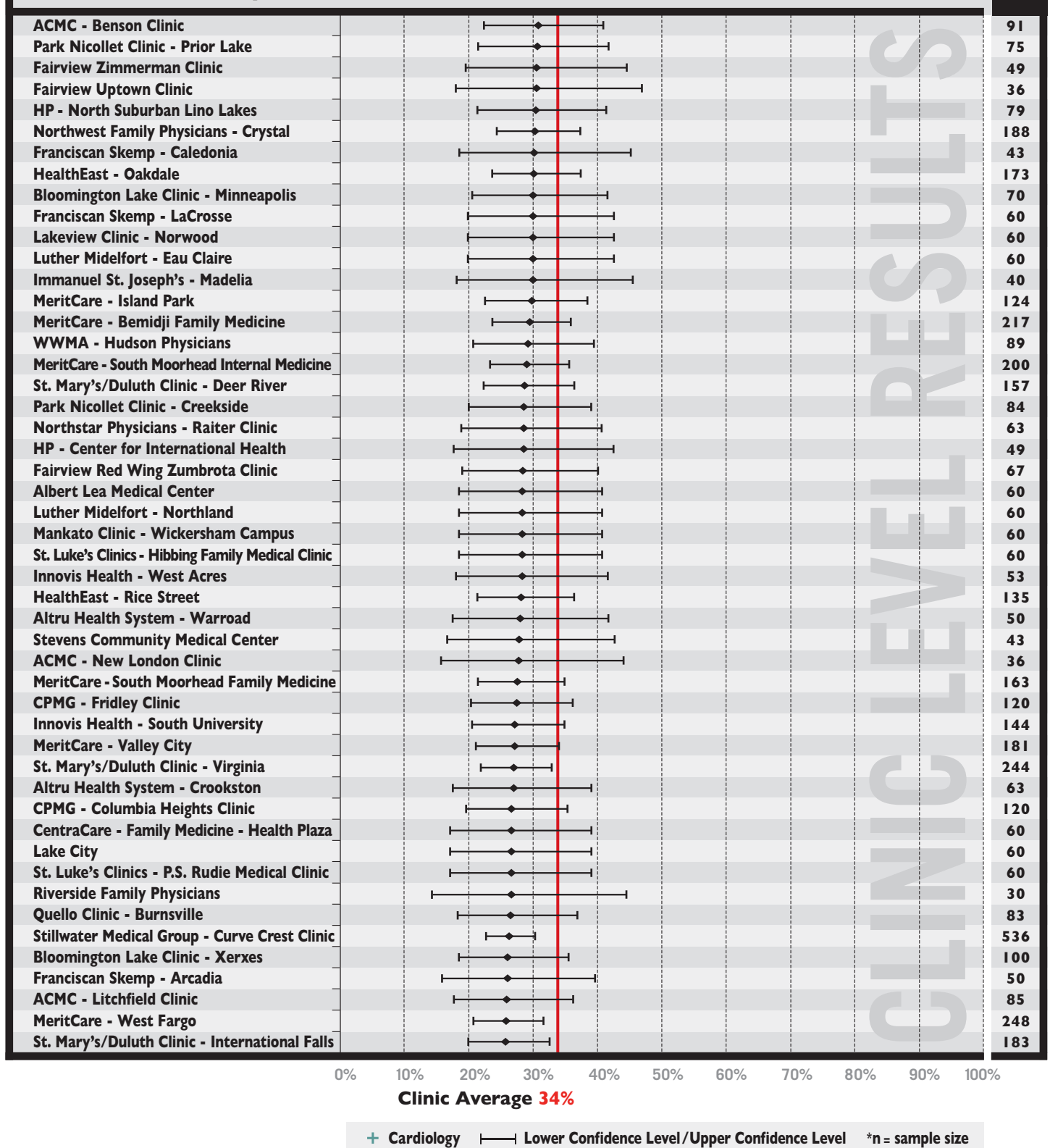
Chart 3.1: Optimal Vascular Care (Clinic Level Results) – continued



CLINIC LEVEL RESULTS

- | | | | |
|---|--|------------------------------------|---|
| ACMC - Affiliated Community Medical Centers | FHSM - Family HealthServices Minnesota | NMC - North Memorial Clinic | SMDC - St. Mary's/Duluth Clinic |
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| | | SLC - St. Luke's Clinics | |

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

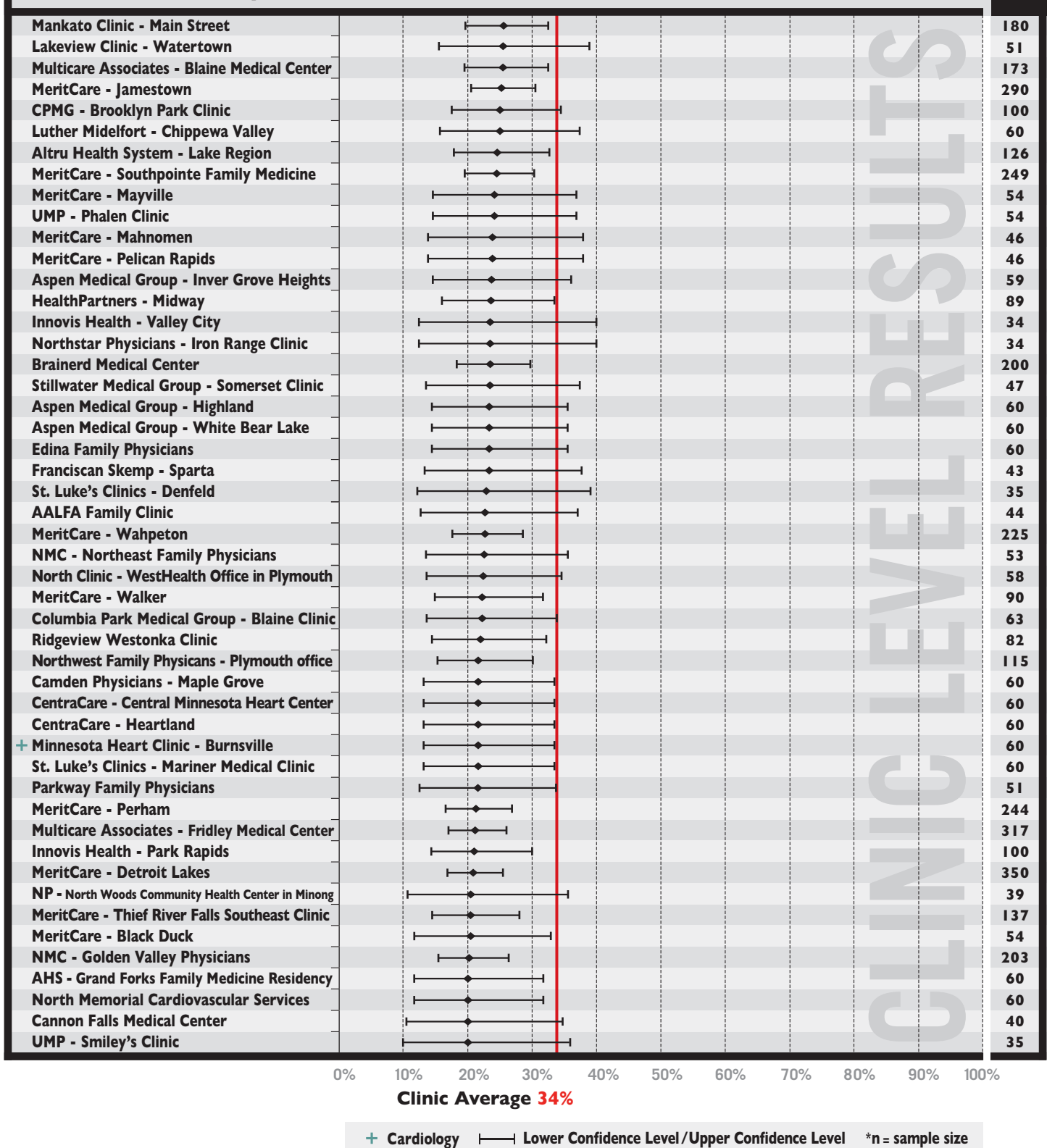


Living with Illness

CLINIC LEVEL RESULTS

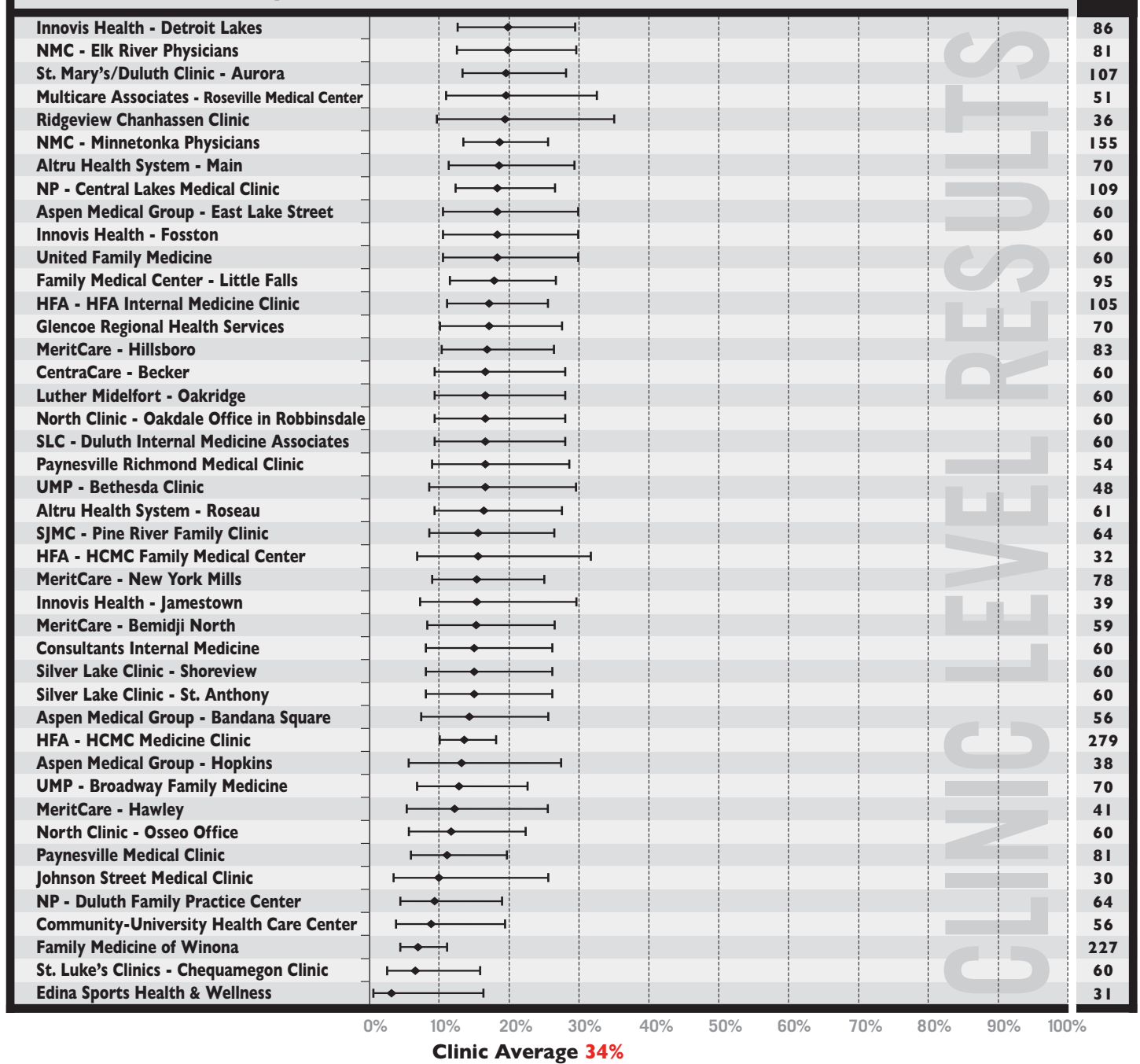
ACMC - Affiliated Community Medical Centers	FHSM - Family HealthServices Minnesota	NMC - North Memorial Clinic	SMDC - St. Mary's/Duluth Clinic
AMC - Allina Medical Clinic	HP - HealthPartners	NP - Northstar Physicians	SPHC - St. Paul Heart Clinic
AHS - Altru Health System	HCMC - Hennepin County Medical Center	PNC - Park Nicollet Clinic	UMP - University of Minnesota Physicians
CPMG - Columbia Park Medical Group	HFA - Hennepin Faculty Associates	SCMG - St. Cloud Medical Group	WWMA - Western Wisconsin Medical Associates
	ISJ - Immanuel St. Joseph's	SJMC - St. Joseph's Medical Center	
		SLC - St. Luke's Clinics	

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



ACMC - Affiliated Community Medical Centers	FHSM - Family HealthServices Minnesota	NMC - North Memorial Clinic	SMDC - St. Mary's/Duluth Clinic
AMC - Allina Medical Clinic	HP - HealthPartners	NP - Northstar Physicians	SPHC - St. Paul Heart Clinic
AHS - Altru Health System	HCMC - Hennepin County Medical Center	PNC - Park Nicollet Clinic	UMP - University of Minnesota Physicians
CPMG - Columbia Park Medical Group	HFA - Hennepin Faculty Associates	SCMG - St. Cloud Medical Group	WWMA - Western Wisconsin Medical Associates
	ISJ - Immanuel St. Joseph's	SJMC - St. Joseph's Medical Center	
		SLC - St. Luke's Clinics	

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



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

ACMC - Affiliated Community Medical Centers	FHSM - Family HealthServices Minnesota	NMC - North Memorial Clinic	SMDC - St. Mary's/Duluth Clinic
AMC - Allina Medical Clinic	HP - HealthPartners	NP - Northstar Physicians	SPHC - St. Paul Heart Clinic
AHS - Altru Health System	HCMC - Hennepin County Medical Center	PNC - Park Nicollet Clinic	UMP - University of Minnesota Physicians
CPMG - Columbia Park Medical Group	HFA - Hennepin Faculty Associates	SCMG - St. Cloud Medical Group	WWMA - Western Wisconsin Medical Associates
	ISJ - Immanuel St. Joseph's	SJMC - St. Joseph's Medical Center	
		SLC - St. Luke's Clinics	

Living with Illness

Performance Highlights – Clinic Level Results

Highest Performers in 2009

Clinic level results showed that an average of 34 percent of patients with vascular disease met all four required components included in this measure. **Quello Clinic – Eden Prairie** set the benchmark of 61 percent of vascular disease patients in full compliance with all four vascular care components. There were 85 of 342 clinics with rates and confidence intervals fully above the clinic level average. The high performing clinics are listed below in alphabetical order under the heading of their medical group name:

Affiliated Community Medical Centers

- Willmar Clinic

Allina Medical Clinic

- Buffalo
- Champlin
- Coon Rapids
- Eagan
- Elk River
- Faribault
- Farmington
- Forest Lake
- Hastings (Nininger)
- Hastings (W. First St)
- Isles
- Litchfield
- Nicollet Mall
- Northfield
- Ramsey
- Shakopee
- Shoreview
- The Doctor's Uptown
- West Health Campus
- West St. Paul
- Woodbury
- Woodlake

Fairview Health Services

- CedarRidge Clinic
- Crosstown Clinic
- Eagan Clinic
- Hugo Clinic
- Jonathan Clinic
- North Branch Clinic
- Northeast Clinic
- Oxboro Clinic
- Ridges Clinic
- RidgeValley Clinic

Family HealthServices Minnesota

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

HealthEast

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

HealthPartners

Central Minnesota Clinics

- St. Cloud

HealthPartners Clinics

- Apple Valley
- Arden Hills
- Bloomington
- Brooklyn Center
- Como
- Coon Rapids
- Inver Grove Heights
- Maplewood
- North Suburban Roseville
- Regions Heart Center
- Riverside
- RiverWay Anoka
- West
- Woodbury

Mayo Clinic

Mayo Health System

- Immanuel St. Joseph's–Le Sueur
- Immanuel St. Joseph's–Mankato Specialty Clinic

North Memorial Clinic

- Brooklyn Center Physicians

Park Nicollet Health Services

- Burnsville
- Carlson
- Eagan
- Golden Valley
- Minnetonka
- Prairie Center
- St. Louis Park Family Medicine
- St. Louis Park Internal Medicine
- Wayzata

Quello Clinic

- Centennial Lakes
- Eden Prairie

Richfield Medical Group

St. Cloud Medical Group

- Clearwater Medical Clinic
- Cold Spring Medical Clinic

St. Paul Heart

- Downtown
- Maplewood

University of Minnesota Physicians

- Primary Care Center

Western Wisconsin Medical

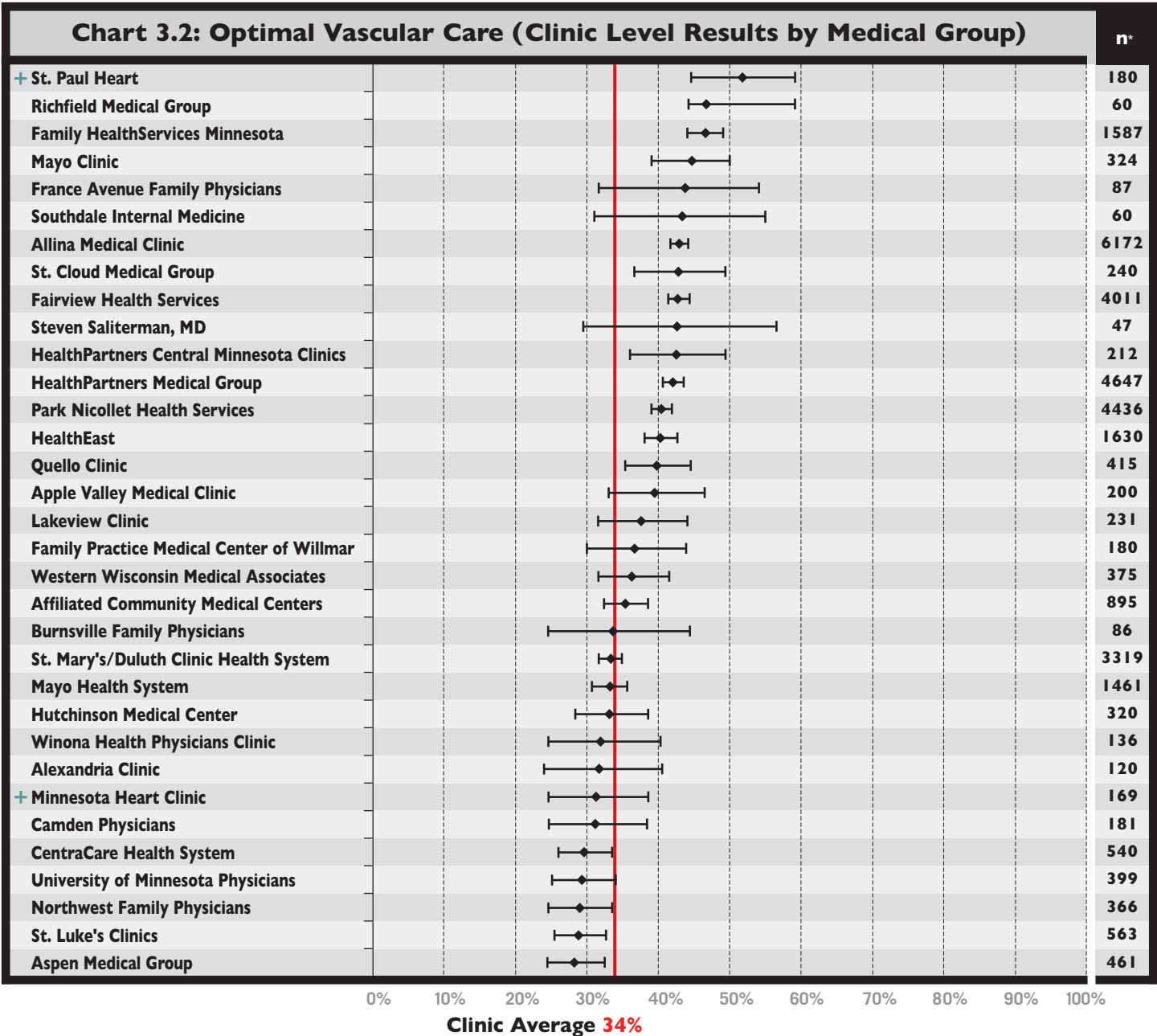
Associates

- Ellsworth Medical Clinic
- New Richmond Clinic

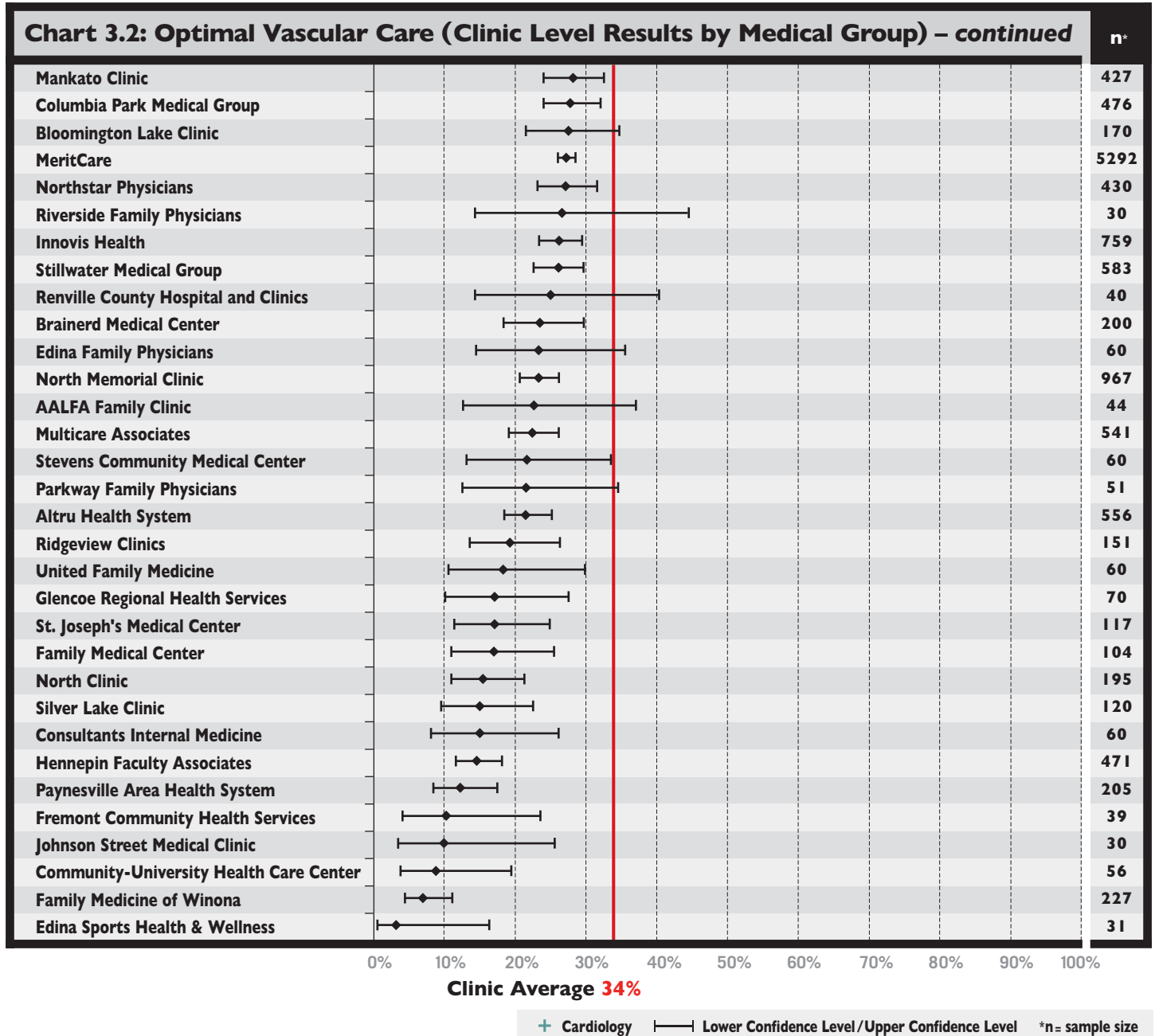
Biggest Improvements

The greatest improvements since report year 2008 in Optimal Vascular Care (clinic level results) were made by **Allina Medical Clinic - Isles**, **Northwest Family Physicians - Rogers Office**, and **HealthPartners Central Minnesota Clinics - St. Cloud**, with each achieving greater than a 21 percentage point increase.

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



Living with Illness



Performance Highlights – Clinic Level Results Rolled Up by Medical Group

Highest Performers in 2009

Clinic level results by medical group showed that an average of 34 percent of patients with vascular disease met all four required components included in this measure. **St. Paul Heart** set the benchmark of 52 percent of vascular patients in full compliance with all four vascular care components. There were 12 of 69 medical groups with rates and confidence intervals fully above the medical group level average. The high-performing medical groups are listed below in order of performance from high to low:

- St. Paul Heart
- Richfield Medical Group
- Family HealthServices Minnesota
- Mayo Clinic
- Allina Medical Clinic
- St. Cloud Medical Group
- Fairview Health Services
- HealthPartners Central Minnesota Clinics
- HealthPartners Clinics
- Park Nicollet Health Services
- HealthEast
- Quello Clinic

Biggest Improvements

The greatest improvement since report year 2008 in Optimal Vascular Care (clinic level results by medical group) was made by **HealthPartners Central Minnesota Clinics** with a 22 percentage point increase.

Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Depression Care

Depression Care: Six Month Remission Rate (Clinic Level Results)

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

The statewide rate for Depression Care: Six Month Remission Rate at the clinic level is 4.2 percent. Table 4 displays the details of these statewide rates at the clinic level. Chart 4 provides the rates for clinic level data which are sorted by clinic from highest to lowest along with the clinic average (designated by bold black line).

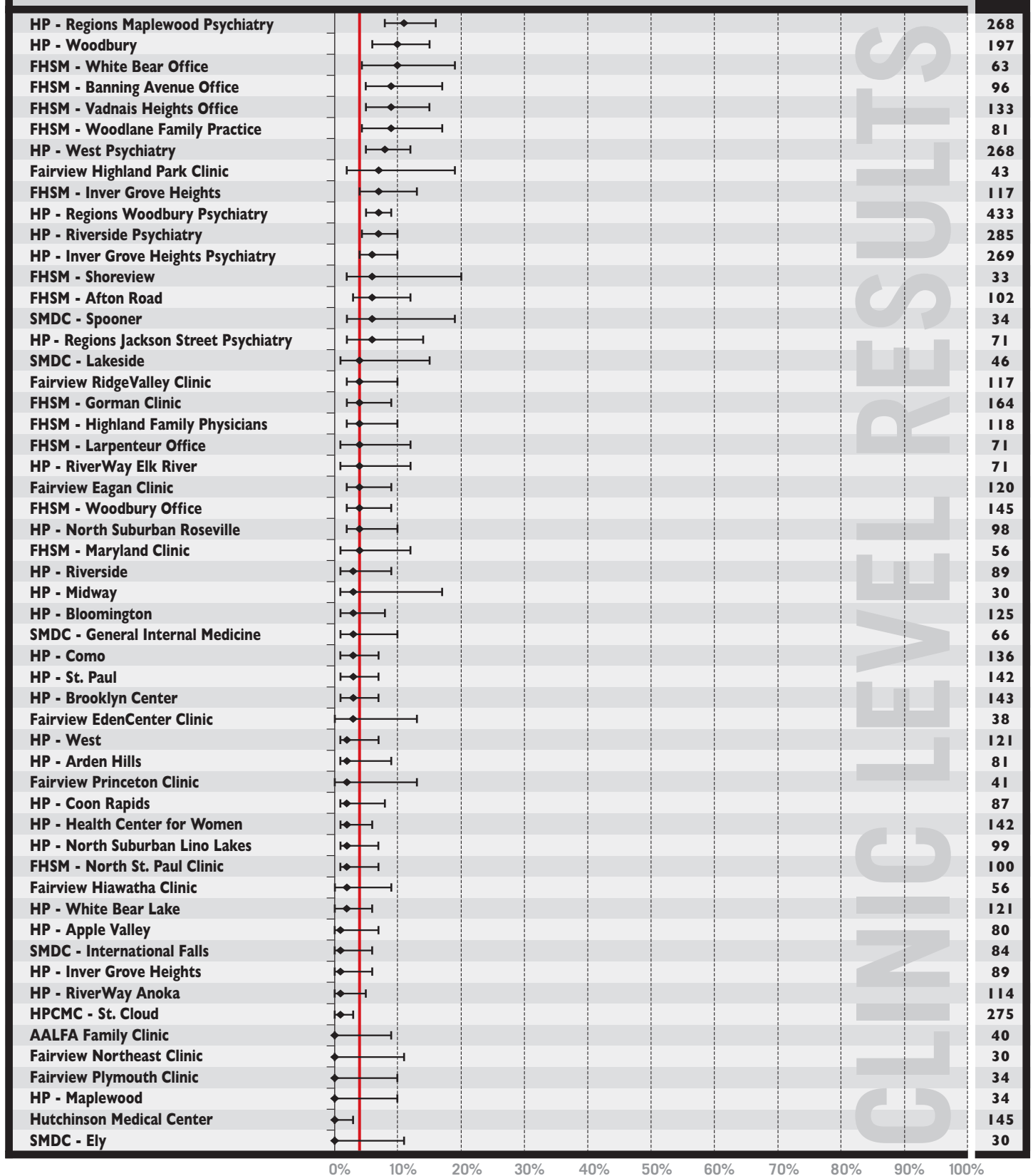
Data collected for this measure are reported directly to MNMCM by medical groups and clinics from electronic health records or paper-based medical charts.

Table 4: Statewide Clinic Level Rates for Depression Care: Six Month Remission Rate

	Statewide Average	95% CI	Numerator	Denominator
Depression: Six Month Remission	4.2%	3.9% - 4.5%	560	13,396

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

Chart 4: Depression Care (Clinic Level Results) - six month remission rate



Clinic Average 4%

Lower Confidence Level/Upper Confidence Level # = 6 Month Remission Denominator

FHSM - Family HealthServices Minnesota HP - HealthPartners HPCMC - HealthPartners Central Minnesota Clinics
 SCMG - St. Cloud Medical Group SMDC - St. Mary's/Duluth Clinic

Living with Illness

Performance Highlights – Clinic Level Results

Highest Performers in 2009

Clinic level results showed that an average of 4 percent of patients with depression were in remission at six months (had a PHQ-9 score of less than 5). **HealthPartners – Regions Maplewood Psychiatry** set the benchmark of 11 percent of depression patients in remission at 6 months. There were 9 of 54 with rates and confidence intervals fully about the clinic level average. The high performing clinics are listed below in order of performance from high to low.

- HealthPartners – Regions Maplewood Psychiatry
- HealthPartners – Woodbury
- Family HealthServices Minnesota – White Bear Office
- Family HealthServices Minnesota – Banning Avenue Office
- Family HealthServices Minnesota – Vadnais Heights Office
- Family HealthServices Minnesota – Woodlane Family Practice
- HealthPartners – West Psychiatry
- HealthPartners – Regions Woodbury Psychiatry
- HealthPartners – Riverside Psychiatry

Biggest Improvements

Not applicable.

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Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

Controlling High Blood Pressure

Controlling High Blood Pressure (Medical Group Level Results)

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

The statewide rate for Controlling High Blood Pressure is 69.0 percent. Table 5 displays the details of the 2009 rate. Figure 5 shows the average rate for Controlling High Blood Pressure over time. Since the 2007 report, there has been an increase in this rate. Chart 5 shows the Controlling High Blood Pressure rate distribution line for medical group averages. A detailed table of the results can be found at the end of the report.

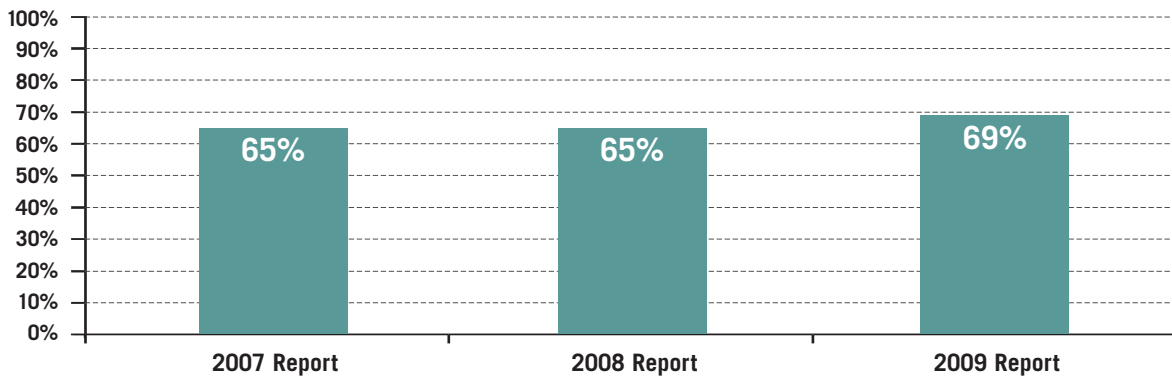
Data collected for this measure are from health plan claims and medical record review.

Table 5: Statewide Medical Group Level Rate for Controlling High Blood Pressure*

	Statewide Average ⁺ (Weighted)	95% CI	Numerator (patients who met treatment goals)	Denominator (Patients sampled)	Total Eligible
BP < 140/90 mmHg	69.0%	68.1% - 69.8%	7,156	11,038	133,201

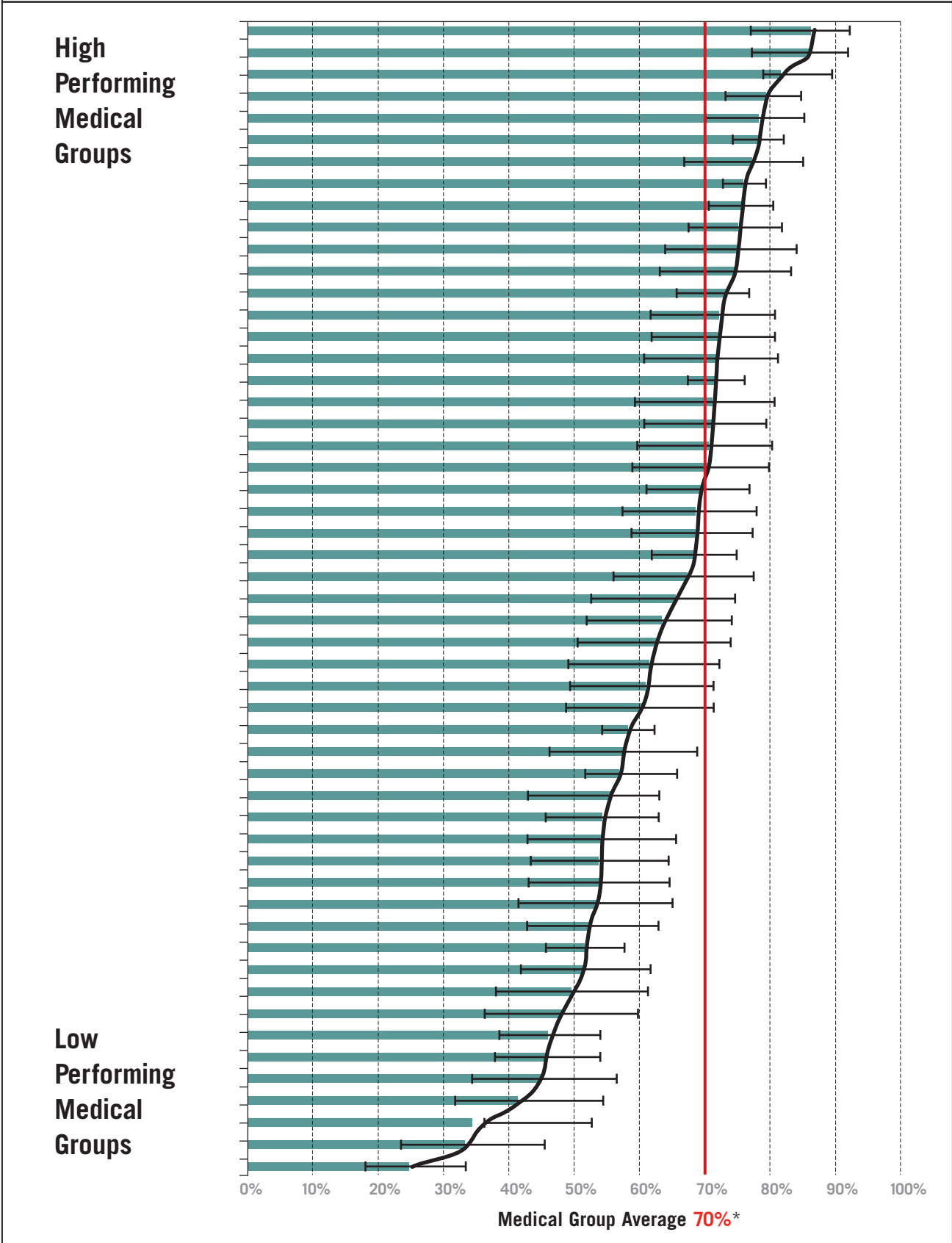
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 5: Statewide Medical Group Level Rates for Controlling High Blood Pressure Over Time



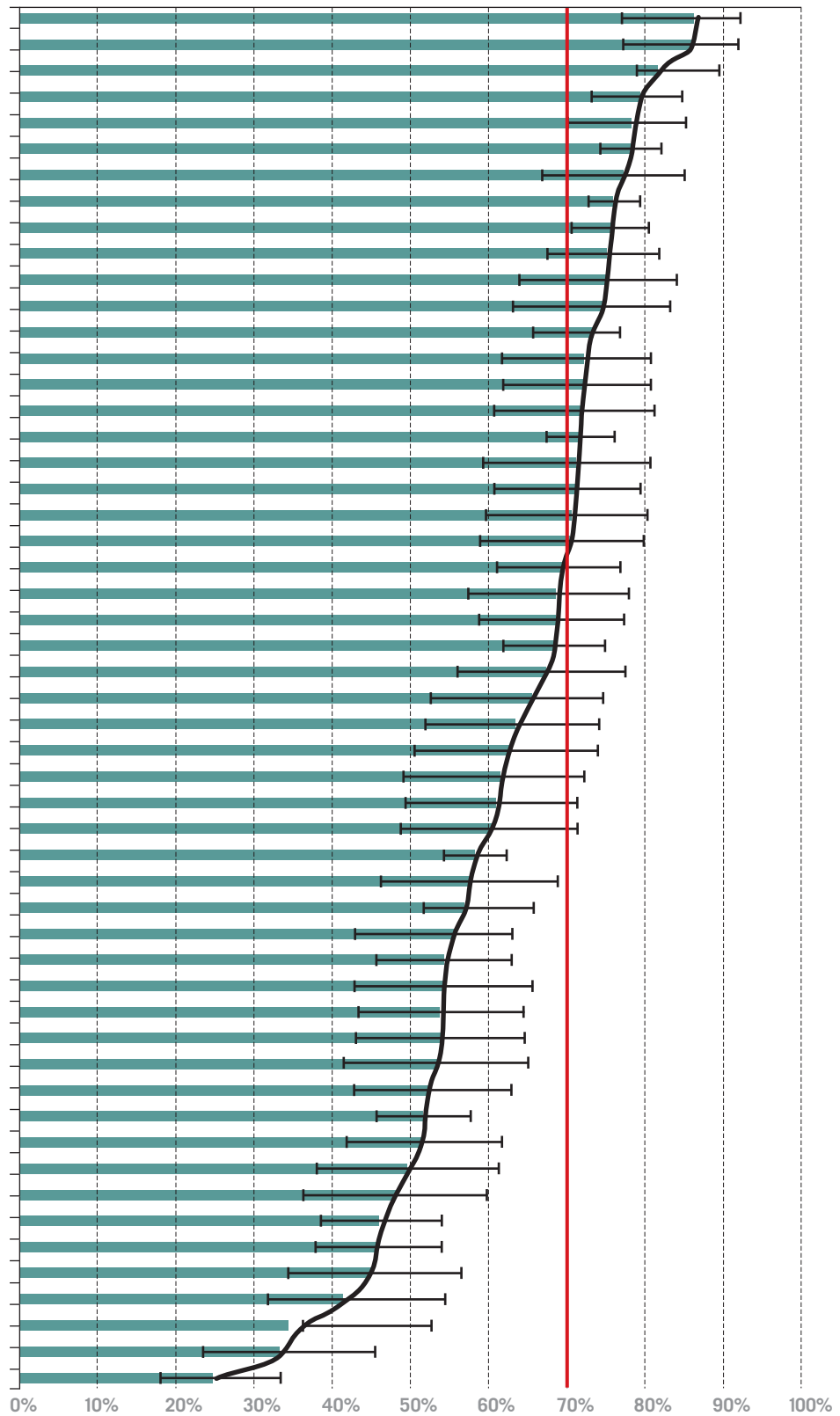
Note: Caution is recommended when making comparisons from year to year. Annual rate differences can occur due to natural variation, changes in measurement specifications, changes in data sources and other factors.

Chart 5: Controlling High Blood Pressure Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups



Medical Group Average 70%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 70 percent of patients with high blood pressure were appropriately controlled. **Alexandria Clinic** and **Bloomington Lake Clinic** set the benchmark of 86 percent of patients with controlled high blood pressure. Nine of 63 medical groups had rates and confidence intervals that were fully above the medical group average. They are listed below in order of performance from high to low.

- Alexandria Clinic
- Bloomington Lake Clinic
- Family HealthServices Minnesota
- Ridgeview Clinics
- HealthEast
- Park Nicollet Health Services
- HealthPartners Clinics
- Allina Medical Clinic
- St. Mary's/Duluth Clinic Health System

Biggest Improvements

The greatest improvements since report year 2008 in Controlling High Blood Pressure (medical group level) were made by **CentraCare Health System**, **Fairview Mesaba Clinic**, **SuperiorHealth Center**, and **Western Wisconsin Medical Associates** with each achieving greater than a 23 percentage point increase.

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Care that is Proven to Work: LIVING WITH ILLNESS MEASURES

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

**Use of Appropriate Medications for People with Asthma (Ages 5-56)
(Medical Group Level Results)**

This measures the percentage of patients ages 5-56 with persistent asthma who were appropriately prescribed medication.

The statewide rate for Use of Appropriate Medications for People with Asthma is 91.6 percent. Table 6 displays the details of the 2009 rate. Figure 6 shows the average rate for Use of Appropriate Medications for People with Asthma over time. The statewide rate from 2006 to 2009 has remained steady near 92 percent. Chart 6.1 shows the Use of Appropriate Medications for People with Asthma (Ages 5-56) rate distribution line for medical group averages. Chart 6.2 shows this measure’s average rate across medical groups for children (ages 5-17). Chart 6.3 shows the average rate across medical groups for adults (ages 18-56). A detailed table of the results can be found at the end of the report.

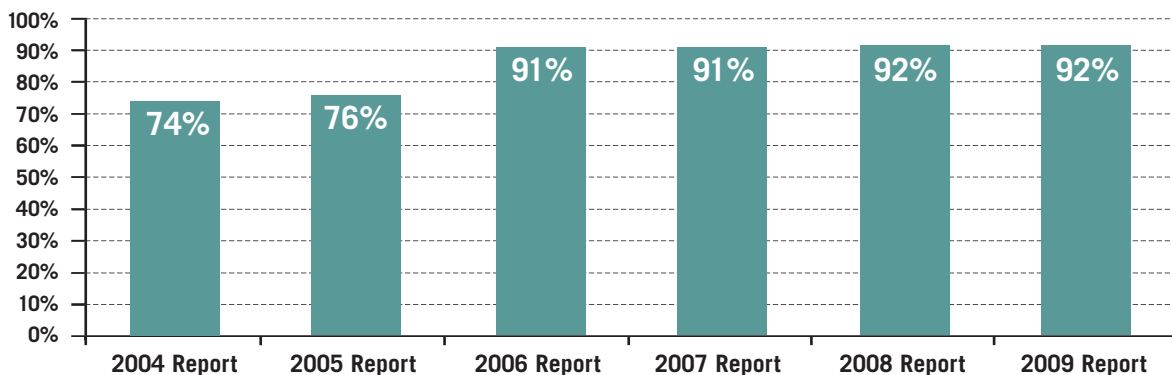
Data collected for this measure are from health plan claims.

Table 6: Statewide Medical Group Level Rate for Use of Appropriate Medications for People with Asthma (Ages 5-56)*

	Statewide Average	95% CI	Numerator	Denominator
Asthma	91.6%	91.2%-92.0%	15,849	17,298

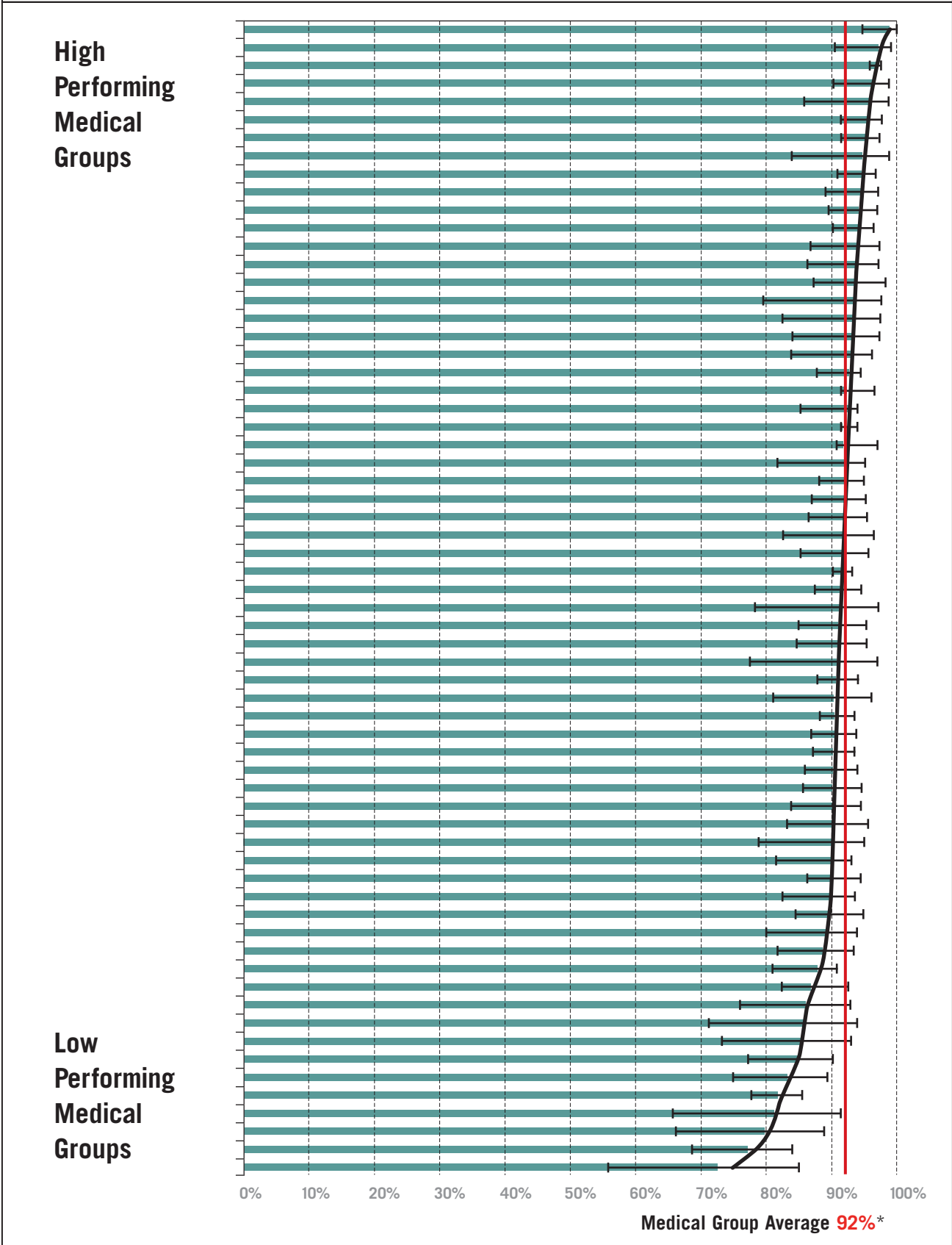
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 6: Statewide Medical Group Level Rates for Use of Appropriate Medications for People with Asthma (Ages 5-56)



Note: 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 6.1: Use of Appropriate Medications for People with Asthma (ages 5-56) by Medical Group



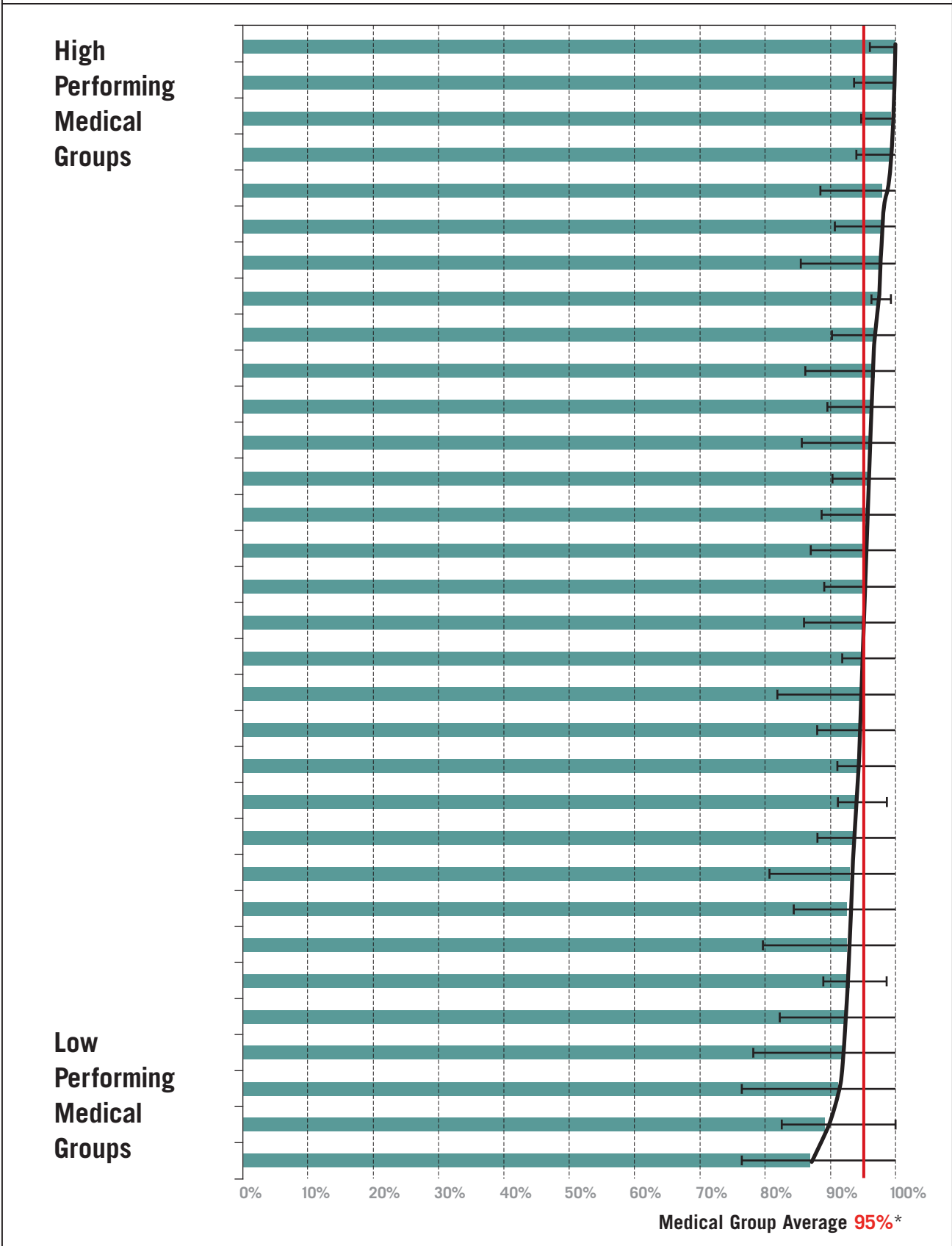
High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 92%*

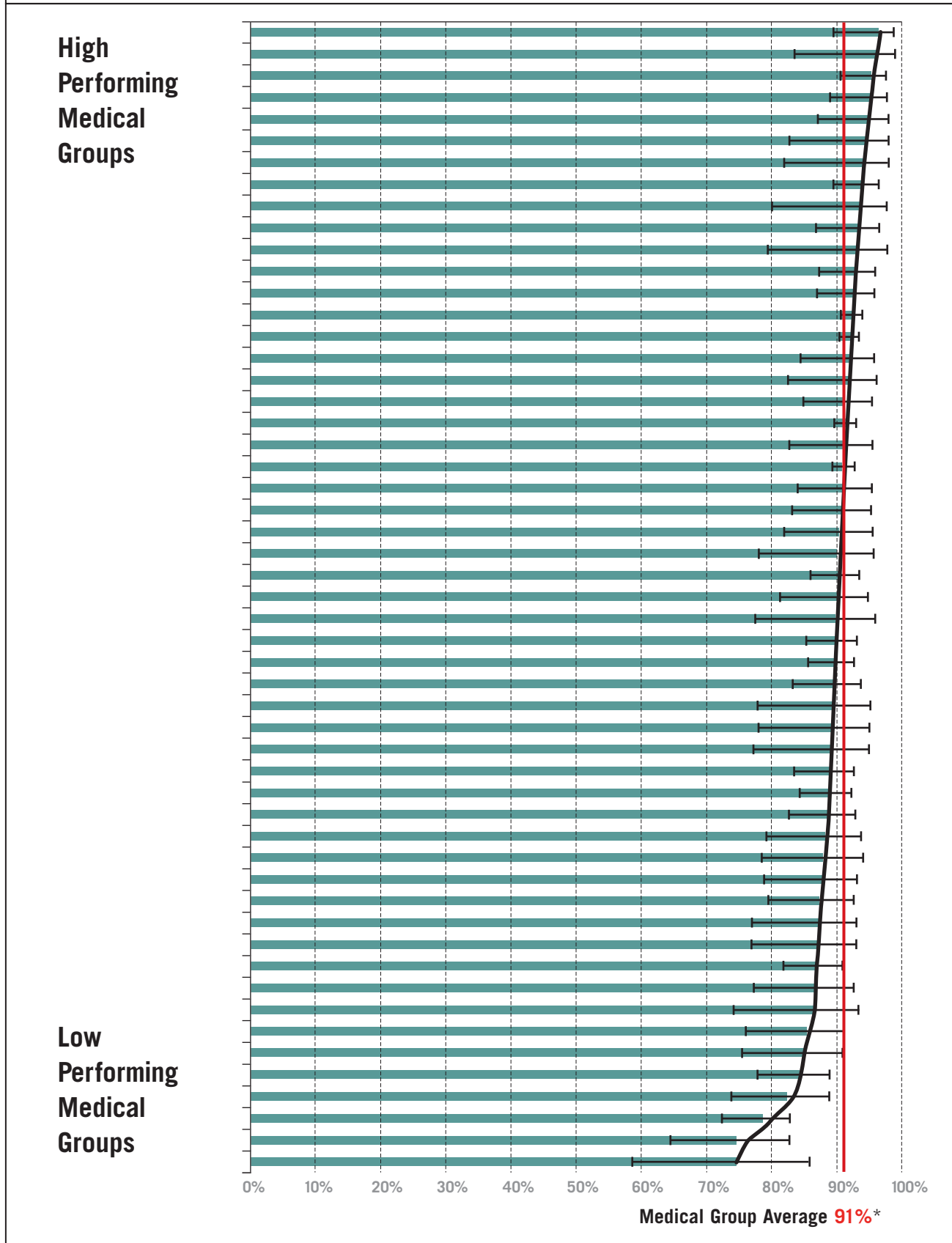
*Medical group level average includes ONLY those patients who were attributed to medical groups. This rate is used when comparing a single medical group to the performance of all medical groups. The medical group average may be slightly higher than the statewide average, because it includes patients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

Chart 6.2: Use of Appropriate Medications for Children with Asthma (ages 5-17) by Medical Group



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

Chart 6.3: Use of Appropriate Medications for Adults with Asthma (18-56) by Medical Group



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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 92 percent of patients with persistent asthma ages 5-56 were appropriately prescribed medication. **Metropolitan Pediatric Specialists** set the benchmark of 99 percent. Two of 62 medical groups had rates and confidence intervals fully above the medical group average. They are listed below in order of performance from high to low.

- Metropolitan Pediatric Specialists
- Children's Physician Network

Biggest Improvements

The greatest improvement since report year 2008 in Use of Appropriate Medications for People with Asthma (medical group level) was made by **Fairview Mesaba Clinic** with a 10 percentage point increase.

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Care that is Proven to Work: GETTING BETTER MEASURES

Appropriate Treatment for Children with Upper Respiratory Infection

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

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

The statewide rate for Appropriate Treatment for Children with URI is 87.0 percent. Table 7 displays the details of the 2009 rate. Figure 7 shows the Appropriate Treatment for Children with URI over time. Since the 2006 report, there has been a steady increase in this rate. Chart 7 shows the Appropriate Treatment for Children with URI rate distribution line for medical groups. A detailed table of the results can be found at the end of the report.

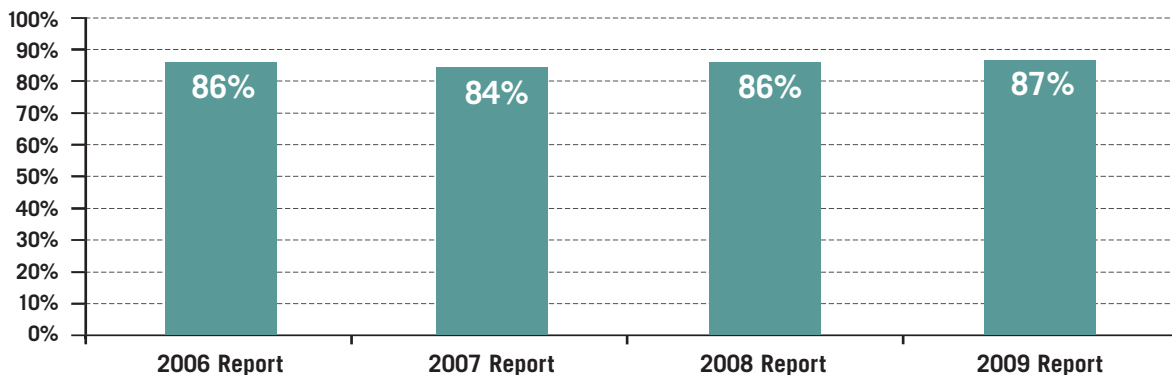
Data collected for this measure are from health plan claims. Note: A higher rate indicates appropriate treatment of children with URI (i.e., the proportion for whom antibiotics were not prescribed).

Table 7: Statewide Medical Group Level Rate for Appropriate Treatment for Children with URI*

	Statewide Average	95% CI	Numerator	Denominator
Appropriate Treatment for Children with Upper Respiratory Infection	87.0%	86.7% - 87.4%	35,409	40,680

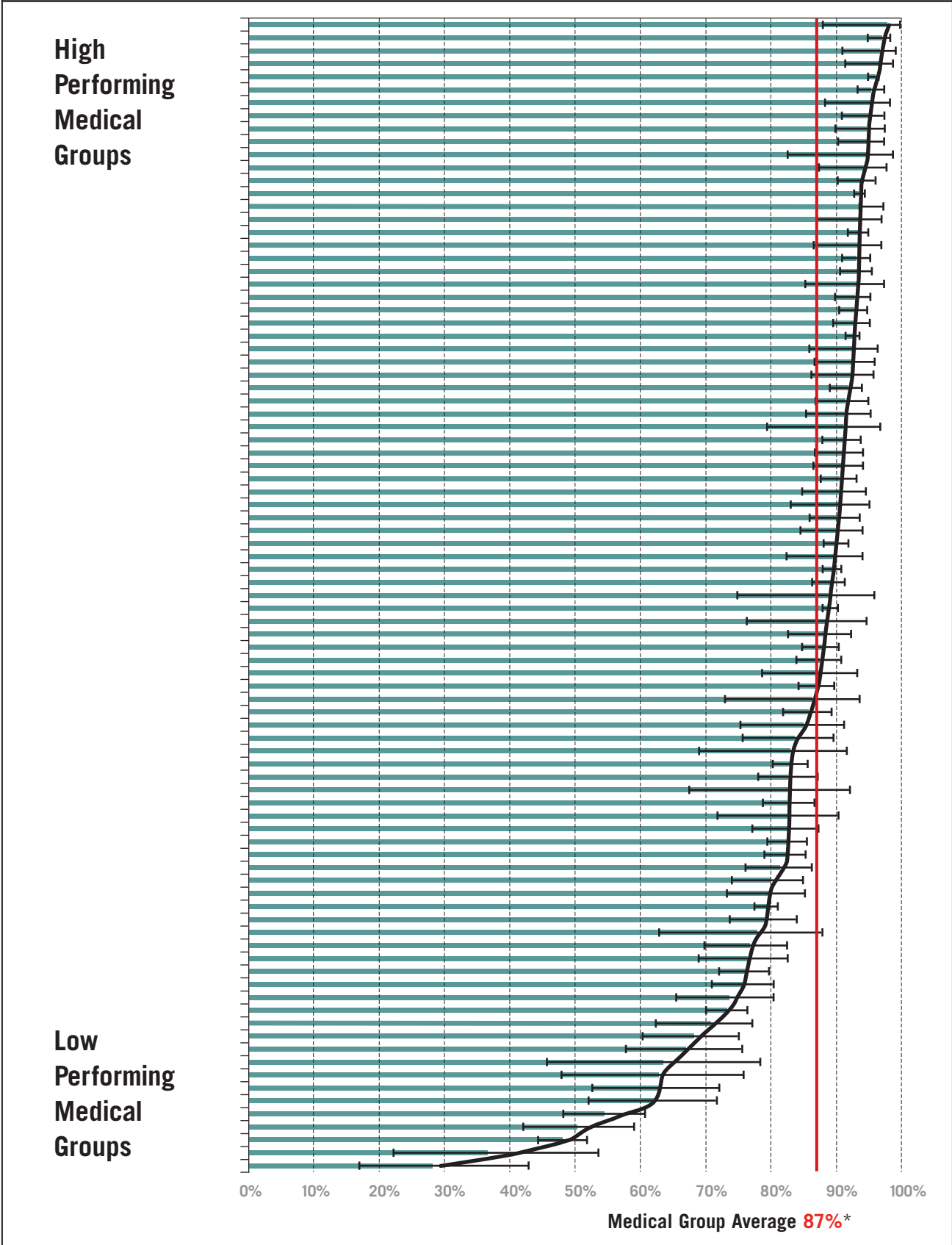
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 7: Statewide Medical Group Level Rates for Appropriate Treatment for Children with URI



Note: 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 7: Appropriate Treatment for Children with URI Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 87%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed an average of 87 percent of children ages three months to 18 years, with a diagnosis of URI, were appropriately managed without antibiotic. **Bloomington Lake Clinic** set the benchmark of 98 percent. Twenty-six of 89 medical groups had rates and confidence intervals fully above the medical group average. They are listed below in order of performance from high to low.

- Bloomington Lake Clinic
- Hennepin Faculty Associates & HCMC Clinics
- Family Practice Medical Center of Willmar
- NorthPoint Health and Wellness Center
- HealthPartners Clinics
- University of Minnesota Physicians
- Physicians Urgent Care
- Express HealthCare
- Priority Pediatrics Urgent Care
- WestHealth Urgent Care
- United Family Medicine
- North Memorial Clinic
- Children's Physician Network
- MinuteClinic
- Buffalo Clinic
- HealthEast
- Neighborhood Health Care Network
- Metropolitan Pediatric Specialists
- Winona Health
- Allina Medical Clinic
- Mayo Clinic
- Aspen Medical Group
- Stillwater Medical Group
- MeritCare
- Park Nicollet Health Services
- Fairview Health Services

Biggest Improvements

The greatest improvements since report year 2008 in Treatment for Children with Upper Respiratory Infection (medical group level) were made by **Family Medical Center** and **Bloomington Lake Clinic** with each achieving greater than an 18 percentage point increase.

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Care that is Proven to Work: GETTING BETTER MEASURES

Appropriate Testing for Children with Pharyngitis

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

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

The statewide rate for Appropriate Testing for Children with Pharyngitis is 86.0 percent. Table 8 displays the details of the 2009 rate. Figure 8 shows the Appropriate Testing for Children with Pharyngitis over time. Since the 2006 report, there has been a steady increase in this rate. Chart 8 shows the Appropriate Testing for Children with Pharyngitis rate distribution line for medical group averages. A detailed table of the results can be found at the end of the report.

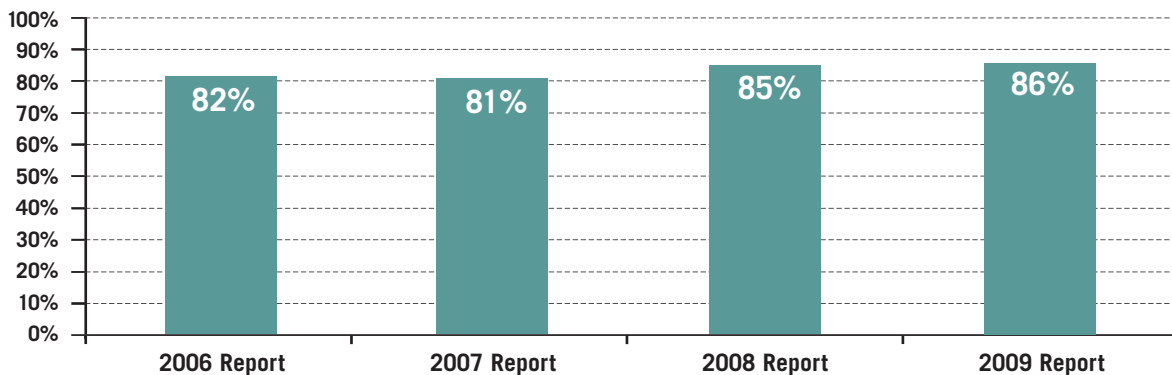
Data collected for this measure are from health plan claims. Note: A higher rate represents better performance (i.e., appropriate testing prior to prescription of an antibiotic).

Table 8: Statewide Medical Group Level Rate for Appropriate Testing for Children with Pharyngitis*

	Statewide Average	95% CI	Numerator	Denominator
Appropriate Testing for Children with Pharyngitis	86.0%	85.6% - 86.4%	26,013	30,254

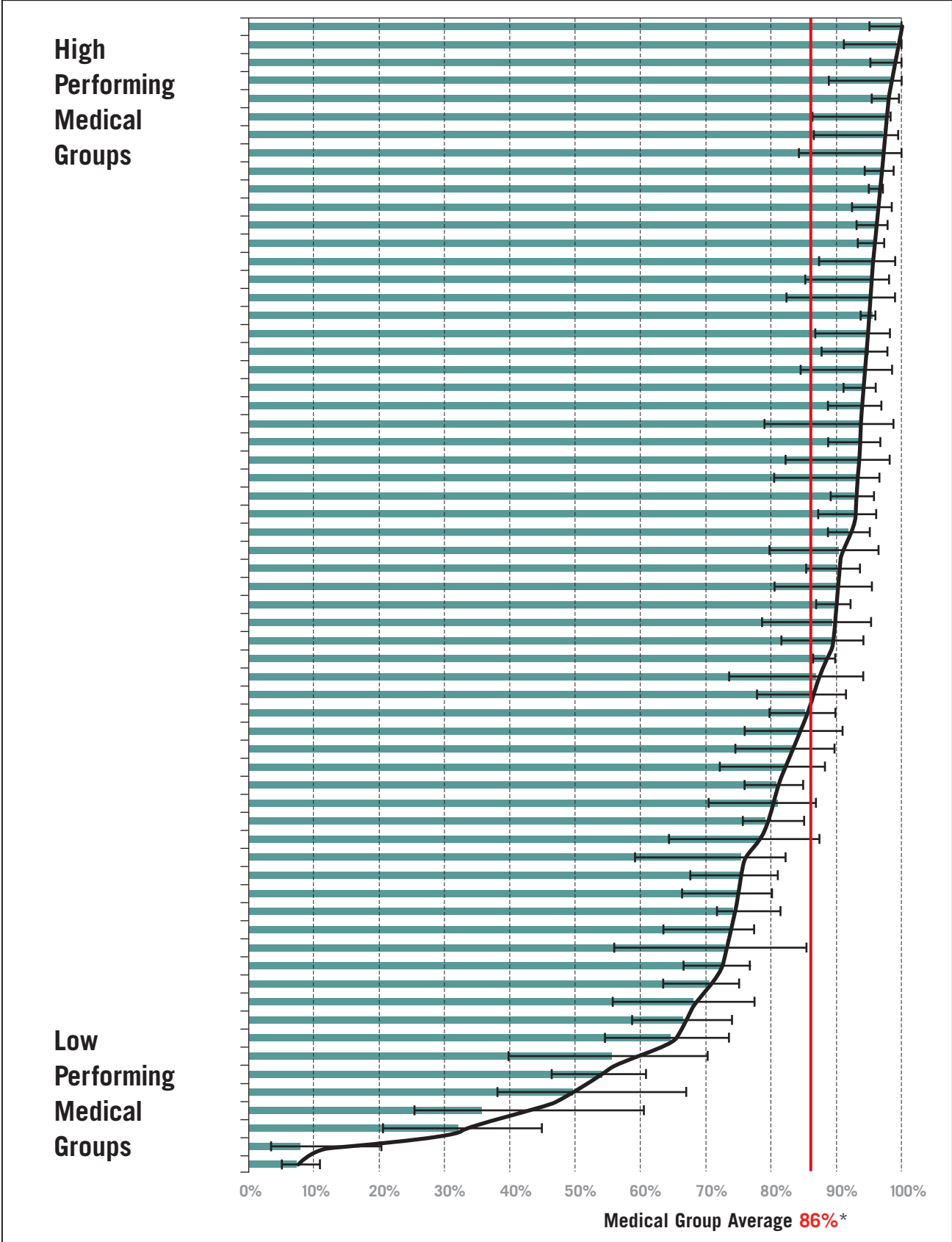
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 8: Statewide Medical Group Level Rates for Appropriate Treatment for Children with URI



Note: 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: Appropriate Testing for Children with Pharyngitis Rates by Medical Group



**High
Performing
Medical
Groups**

**Low
Performing
Medical
Groups**

Medical Group Average 86%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group results showed that an average of 86 percent of children ages 2-18 years who were diagnosed with pharyngitis were appropriately dispensed an antibiotic and received a strep test. **Physicians Urgent Care** and **Silver Lake Clinic** set the benchmark of 100 percent. Thirty-three of 91 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Physician's Urgent Care
- Silver Lake Clinic
- MinuteClinic
- Priority Pediatrics Urgent Care
- University of Minnesota Physicians
- St. Francis Medical Clinic – Urgent Care
- Multicare Associates of the Twin Cities
- Urgent Care Doctor's Office
- Express HealthCare
- Children's Physician Network
- HealthPartners Clinics
- WestHealth Urgent Care
- Parkview Medical Clinic
- Aspen Medical Group
- Stillwater Medical Group
- Maple Grove Urgent Care
- Fairview Health Services
- Ridgeview Clinics
- Park Nicollet Health Services
- Now Care Medical Centers
- HealthEast
- Grand Itasca Clinic
- CentraCare Health System
- Winona Health
- Neighborhood Health Care Network
- Chaska Urgent Care
- Hennepin Faculty Associates & HCMC Clinics
- Northwest Family Physicians
- HealthPartners Central Minnesota Clinics
- Northstar Physicians
- Apple Valley Medical Clinic
- Buffalo Clinic
- St. Cloud Medical Group

Biggest Improvements

The greatest improvement since report year 2008 in Testing for Children with Pharyngitis (medical group level) was made by **Fergus Falls Medical Group** with an 18 percentage point increase.

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Care that is Proven to Work: GETTING BETTER MEASURES

Avoidance of Antibiotics in the Treatment of Adult Bronchitis

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

This measures the percentage of adults 18-64 years of age with a diagnosis of acute bronchitis who were not dispensed an antibiotic prescription.

The statewide rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis is 19.3 percent. Table 9 displays the details of the 2009 rate. Chart 9 shows the Avoidance of Antibiotics in the Treatment of Adult Bronchitis rate distribution line for medical group averages. A detailed table of the results can be found at the end of the report.

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

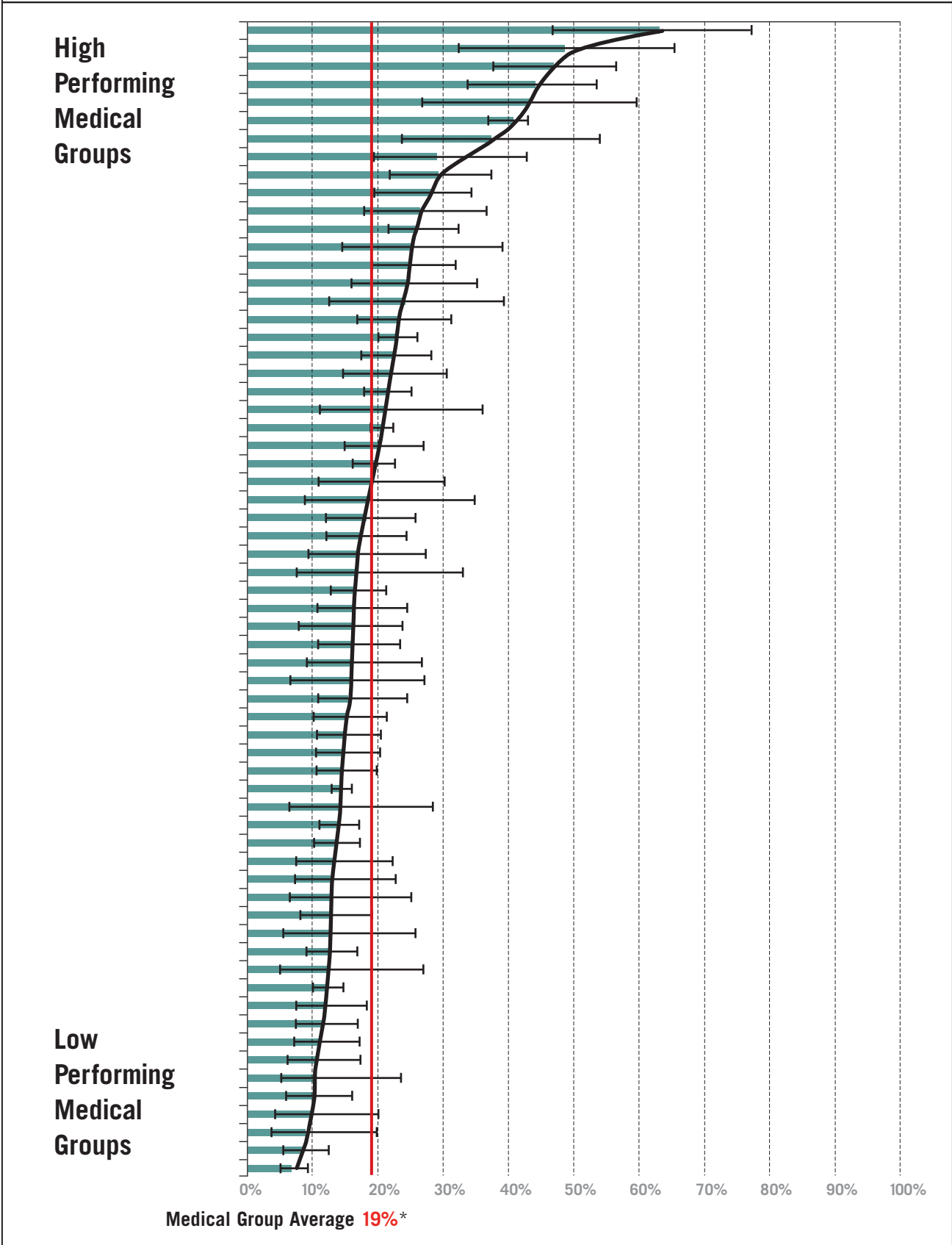
Table 9: Statewide Medical Group Level Rate for Avoidance of Antibiotics in the Treatment of Adult Bronchitis*

	Statewide Average	95% CI	Numerator	Denominator
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	19.3%	18.8% - 19.8%	4,130	21,432

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

No trend chart. First year measure.

Chart 9: Avoidance of Antibiotics in the Treatment of Adult Bronchitis Rates by Medical Group



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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group results showed that an average of 19 percent of adults ages 18-64 who were diagnosed with acute bronchitis were appropriately treated and not prescribed an antibiotic. **Apple Valley Medical Clinic** set the benchmark of 63 percent. Twelve of 73 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Apple Valley Medical Clinic
- Hennepin Faculty Associates & HCMC Clinics
- Neighborhood Health Care Network
- Winona Health
- Burnsville Family Physicians
- Western Wisconsin Medical Associates
- MinuteClinic
- Gundersen Clinic
- Camden Physicians
- Family HealthServices Minnesota
- Aspen Medical Group
- HealthPartners Clinics

Biggest Improvements

Not applicable.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Breast Cancer Screening

Breast Cancer Screening (Medical Group Level Results)

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

The statewide rate for Breast Cancer Screening is 77.1 percent. Table 10 displays the details of the 2009 rate. Figure 10 shows the Breast Cancer Screening rate over time. Since the 2004 report, this rate has increased slightly. Chart 10 shows the Breast Cancer Screening rate distribution line for medical group averages. A detailed table of the results can be found at the end of the report.

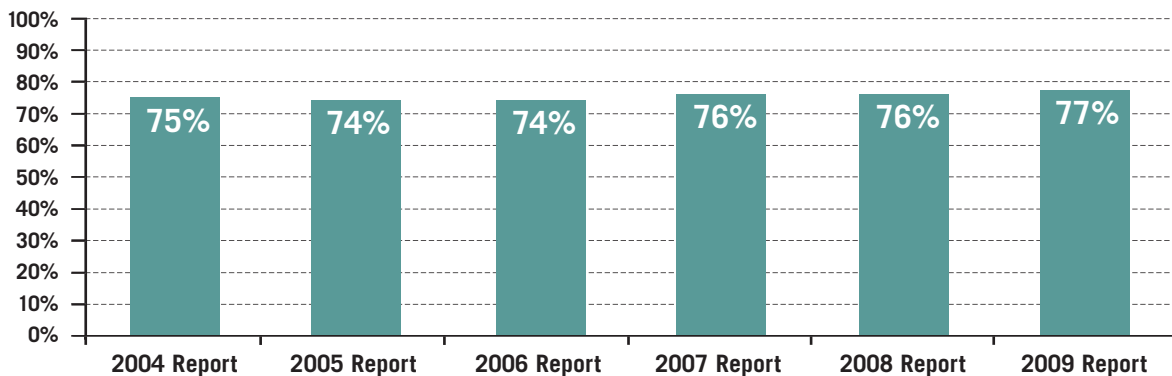
Data for this measure are collected from health plan claims.

Table 10: Statewide Medical Group Level Rate for Breast Cancer Screening*

	Statewide Average	95% CI	Numerator	Denominator
Breast Cancer Screening	77.1%	76.9%-77.3%	118,713	154,030

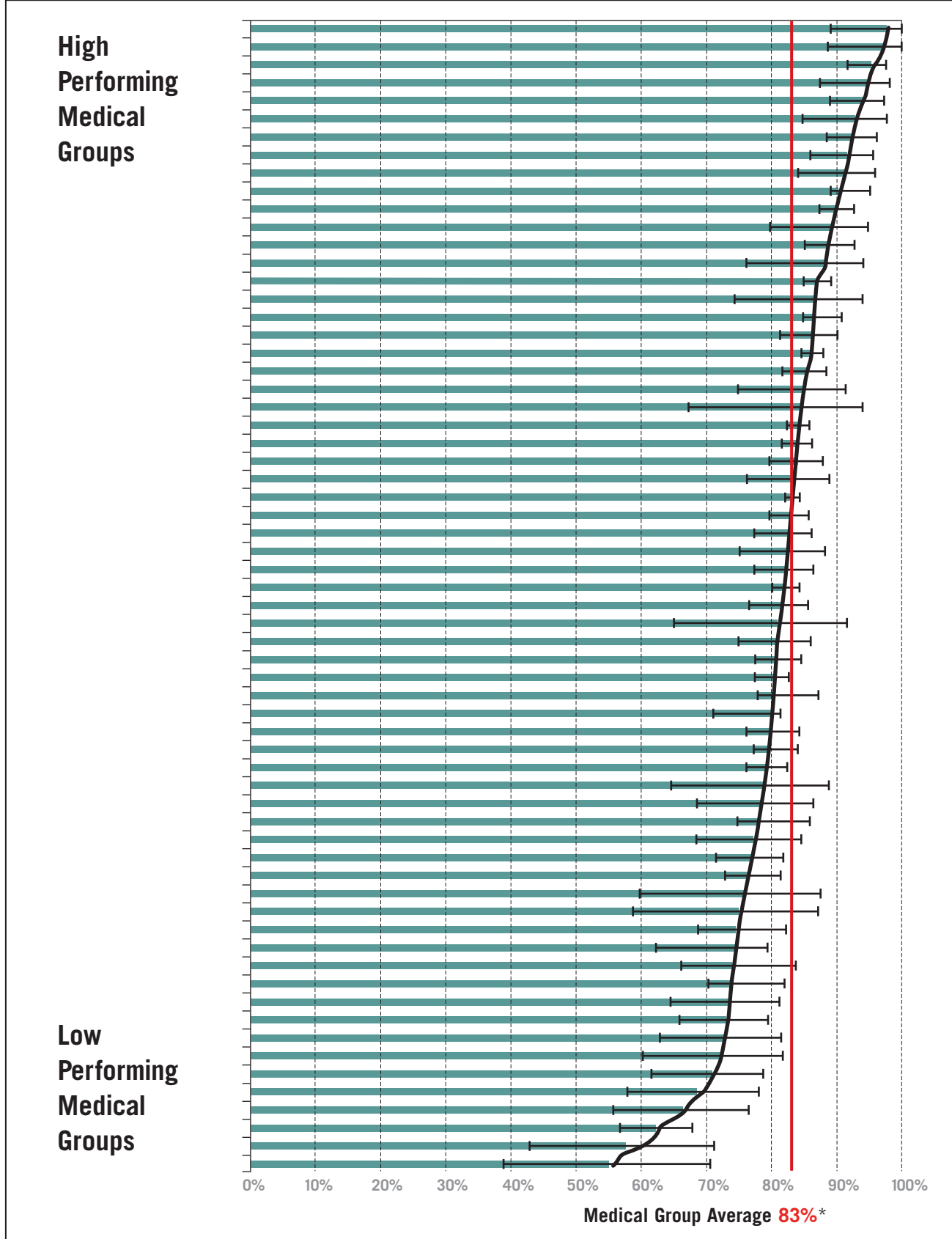
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 10: Statewide Medical Group Level Rates for Breast Cancer Screening



Note: 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: Breast Cancer Screening Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 83%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 83 percent of women ages 52-69 had a mammogram. **Northland Ob/Gyn** and **Comprehensive Healthcare for Women** set the benchmark of 96 percent. Thirty out of 120 medical groups had rates and confidence intervals fully above the medical group average. These groups are listed below in order of performance from high to low.

- Northland Ob/Gyn
- Comprehensive Healthcare for Women
- Paul Larson Ob/Gyn
- Partners Ob/Gyn
- Southdale Ob/Gyn Consultants
- Women's Health Consultants
- Clinic Sofia Ob/Gyn
- Metropolitan Ob & Gyn
- John A. Haugen
- Diamond Women's Center
- New Spirit Women's Clinic
- Obstetrics, Gyn & Infertility
- Obstetrics & Gynecology Associates
- Riverwood Aitkin Clinic
- Obstetrics & Gynecology West
- HealthPartners Central Minnesota Clinics
- Western Ob/Gyn
- Oakdale Ob/Gyn
- Edina Family Physicians
- Gundersen Clinic
- HealthPartners Clinics
- Mayo Clinic
- Park Nicollet Clinics
- Alexandria Clinic
- North Clinic
- Olmsted Medical Center
- CentraCare Health System
- Camden Physicians
- Mankato Clinic
- Aspen Medical Group

Biggest Improvements

The greatest improvements since report year 2008 in Breast Cancer Screening (medical group level) were made by **Mid Minnesota Family Medicine Center** and **Riverview Clinics** with each achieving greater than a 14 percentage point increase.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Cervical Cancer Screening

Cervical Cancer Screening (Medical Group Level Results)

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

The statewide rate for Cervical Cancer Screening is 76.0 percent. Table 11 displays the details of the 2009 rate. Figure 11 shows the Cervical Cancer Screening rate over time. Since the 2004 report, there has been a slight decrease in this rate. Chart 11 shows the Cervical Cancer Screening rate trend line for medical groups. A detailed table of the results can be found at the end of the report.

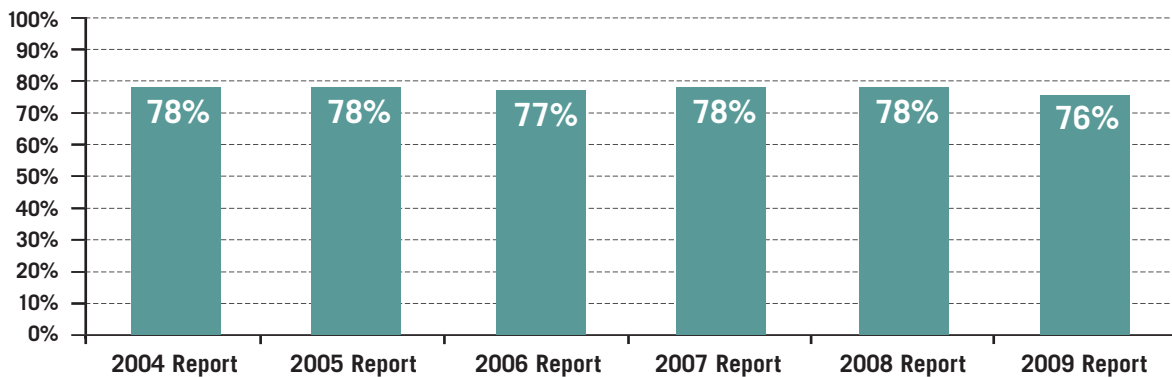
Data for this measure are collected from health plan claims.

Table 11: Statewide Medical Group Level Rate for Cervical Cancer Screening*

	Statewide Average	95% CI	Numerator	Denominator
Cervical Cancer Screening	76.0%	75.8% - 76.1%	179,017	235,704

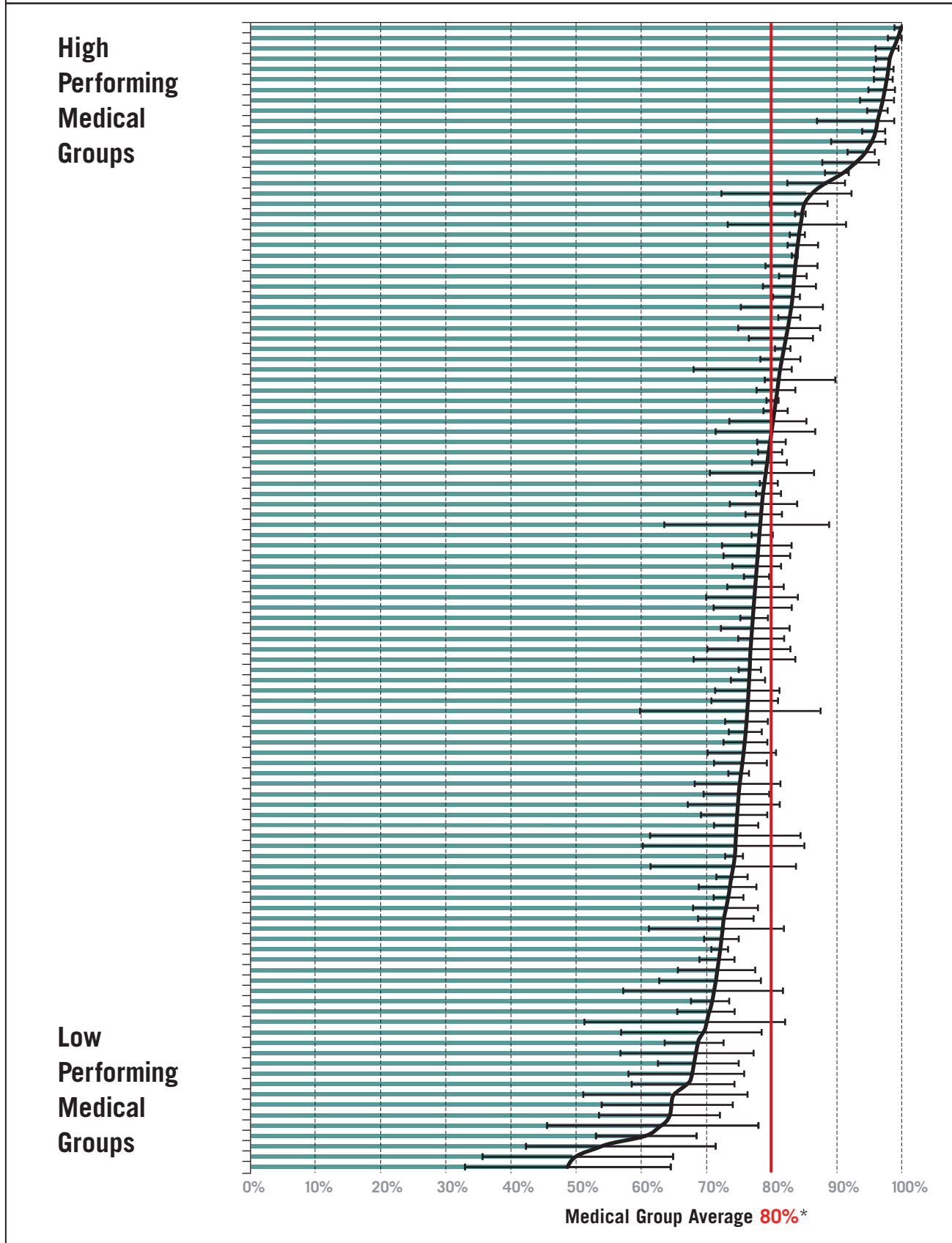
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 11: Statewide Medical Group Level Rates for Cervical Cancer Screening Over Time



Note: 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: Cervical Cancer Screening Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 80%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 80 percent of women ages 24-64 had a Pap test in the last three years. **Southdale Ob/Gyn Consultants** and **Diamond Women's Center** set the benchmark of 100 percent. Twenty-eight of 128 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Southdale Ob/Gyn Consultants
- Diamond Women's Center
- Clinic Sofia Ob/Gyn
- John A Haugen
- Metropolitan Ob & Gyn
- Obstetrics & Gynecology West
- Obstetrics, Gyn & Infertility
- Western Ob/Gyn
- Women's Health Consultants
- Adefris & Toppin Women's Specialists
- Paul Larson Ob/Gyn Clinic
- Advanced Specialty Care for Women
- Oakdale Ob/Gyn
- Obstetrics & Gynecology Associates
- Northland Ob/Gyn
- Partners OB/GYN
- Comprehensive Healthcare for Women
- Edina Family Physicians
- Burnsville Family Physicians
- Silver Lake Clinic
- Park Nicollet Health Services
- Sanford Clinic
- CentraCare Health System
- HealthPartners Clinics
- Quello Clinic
- North Clinic
- Fairview Health Services
- Aspen Medical Group

Biggest Improvements

The greatest improvement since report year 2008 in Cervical Cancer Screening (medical group level) was made by **St. Paul Family Medical Center** with a 14 percentage point increase.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Colorectal Cancer Screening

Colorectal Cancer Screening (Medical Group Level Results)

This measures the percentage of adults ages 51-80 who had appropriate screening for colorectal cancer in the measurement year and prior year.

The statewide rate for Colorectal Cancer Screening is 66 percent. Table 12 displays the details of the 2009 rate. Figure 12 shows the average rate for Colorectal Cancer Screening over time. Since the 2006 report there has been a steady increase in this rate. Chart 12 shows the Colorectal Cancer Screening rate trend line for medical groups. A detailed table of the results can be found at the end of the report.

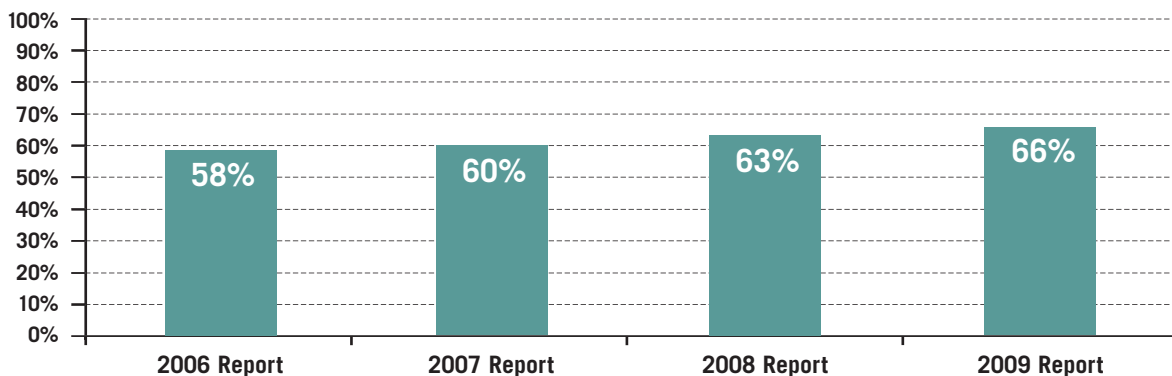
Data for this measure are collected from health plan claims and medical record review.

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

	Statewide Average (Weighted)	95% CI	Numerator	Denominator (Patients sampled)	Total Eligible
Colorectal Cancer Screening	66.3%	65.4% - 67.3%	4,734	9,109	351,135

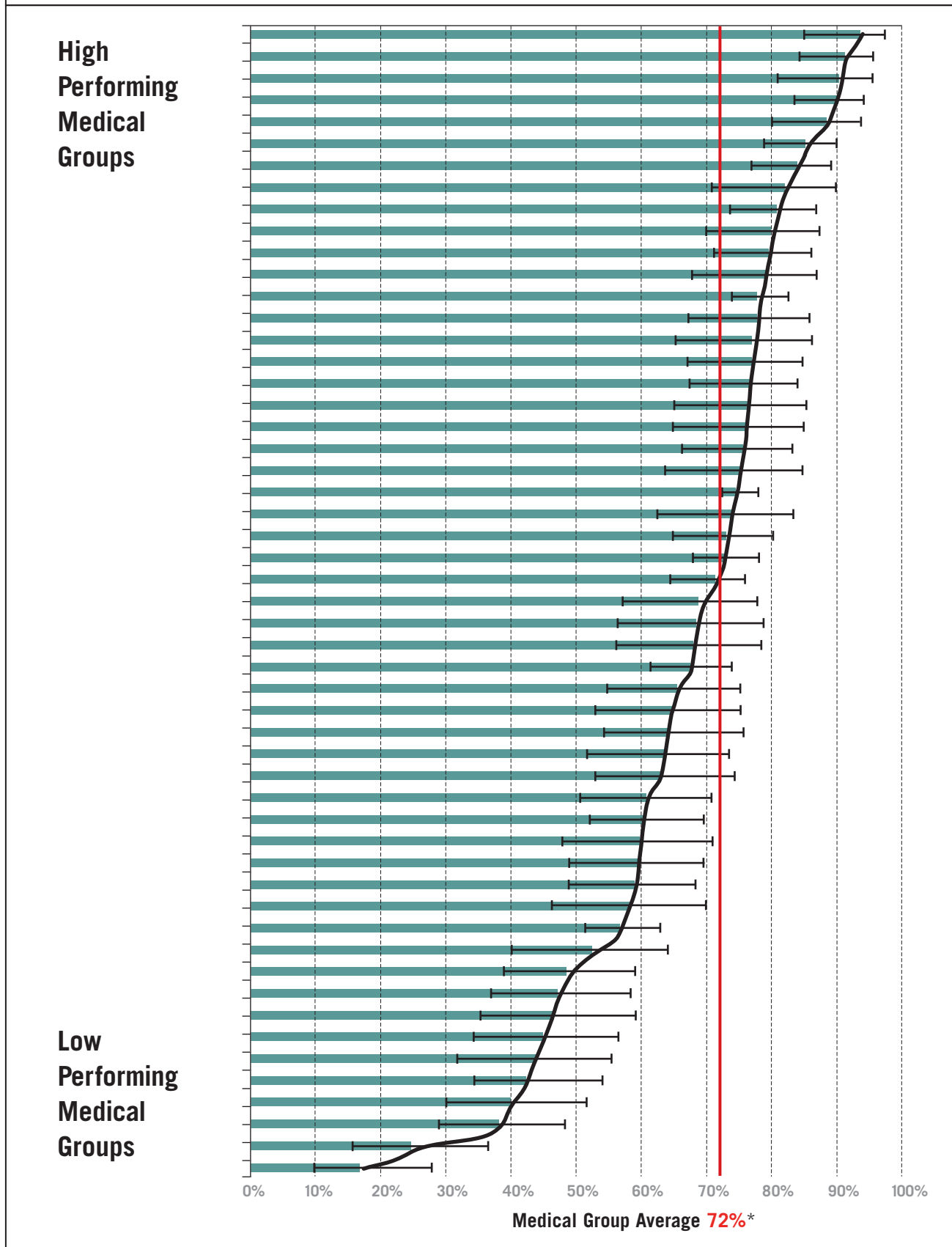
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 12: Statewide Medical Group Level Rates for Colorectal Cancer Screening Over Time



Note: 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: Colorectal Cancer Screening Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 72%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 72 percent of patients ages 51-80 had appropriate screening for colorectal cancer. **Lakeview Clinic** set the benchmark of 94 percent. Twelve of 60 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Lakeview Clinic
- Mayo Clinic
- Alexandria Clinic
- North Clinic
- Stillwater Medical Group
- CentraCare Health System
- St. Luke's Clinics
- HealthEast
- Family HealthServices Minnesota
- Park Nicollet Health Services
- Fairview Health Services
- HealthPartners Clinics

Biggest Improvements

The greatest improvements since report year 2008 in Colorectal Cancer Screening (medical group level) were made by **Stillwater Medical Group, Avera Health/Avera Tri-State, HealthEast, Bloomington Lake Clinic, North Clinic, and Altru Health System** with each achieving greater than a 22 percentage point increase.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Cancer Screening Combined (Ages 51-80)

Cancer Screening Combined (Ages 51-80) (Medical Group Level Results)

This measures the percentage of adults ages 51-80 who received appropriate cancer screening services (breast, cervical, colorectal). A patient must be up-to-date for all three components to be considered up-to-date for this measure.

The statewide rate for Cancer Screening Combined is 48.4 percent. Table 13 displays the details of the 2009 rate. Figure 13 shows the average rate for Cancer Screening Combined over time. Chart 13 shows the Cancer Screening Combined rate trend line for medical groups. A detailed table of the results can be found at the end of the report.

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

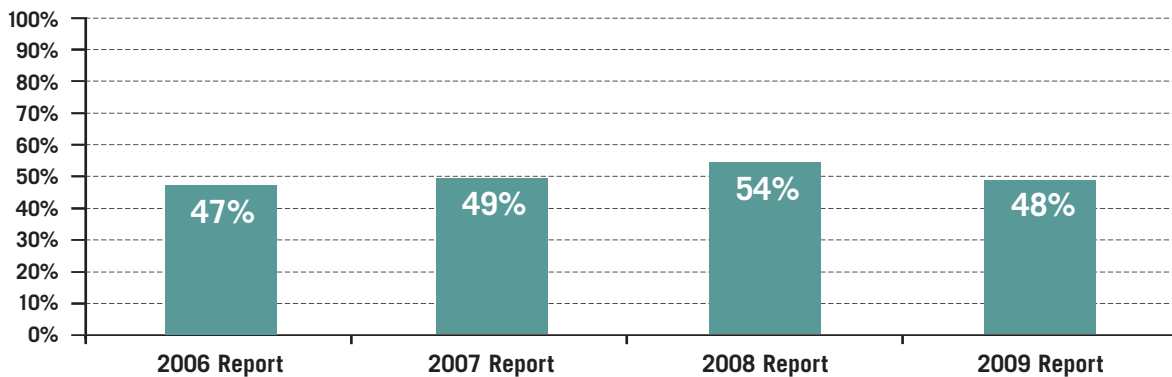
(Note: Males only need to be up-to-date for the colorectal cancer screening component to be considered up-to-date for the Cancer Screening Combined measure. Women 65-80 are considered up-to-date for the cervical cancer screening component; women 70-80 are considered up-to-date for the breast cancer screening component.)

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

	Statewide Average (Weighted)	95% CI	Numerator	Denominator (Patients sampled)	Total Eligible
Cancer Screening Combined	48.4%	47.2% - 49.5%	3,481	7,873	349,898

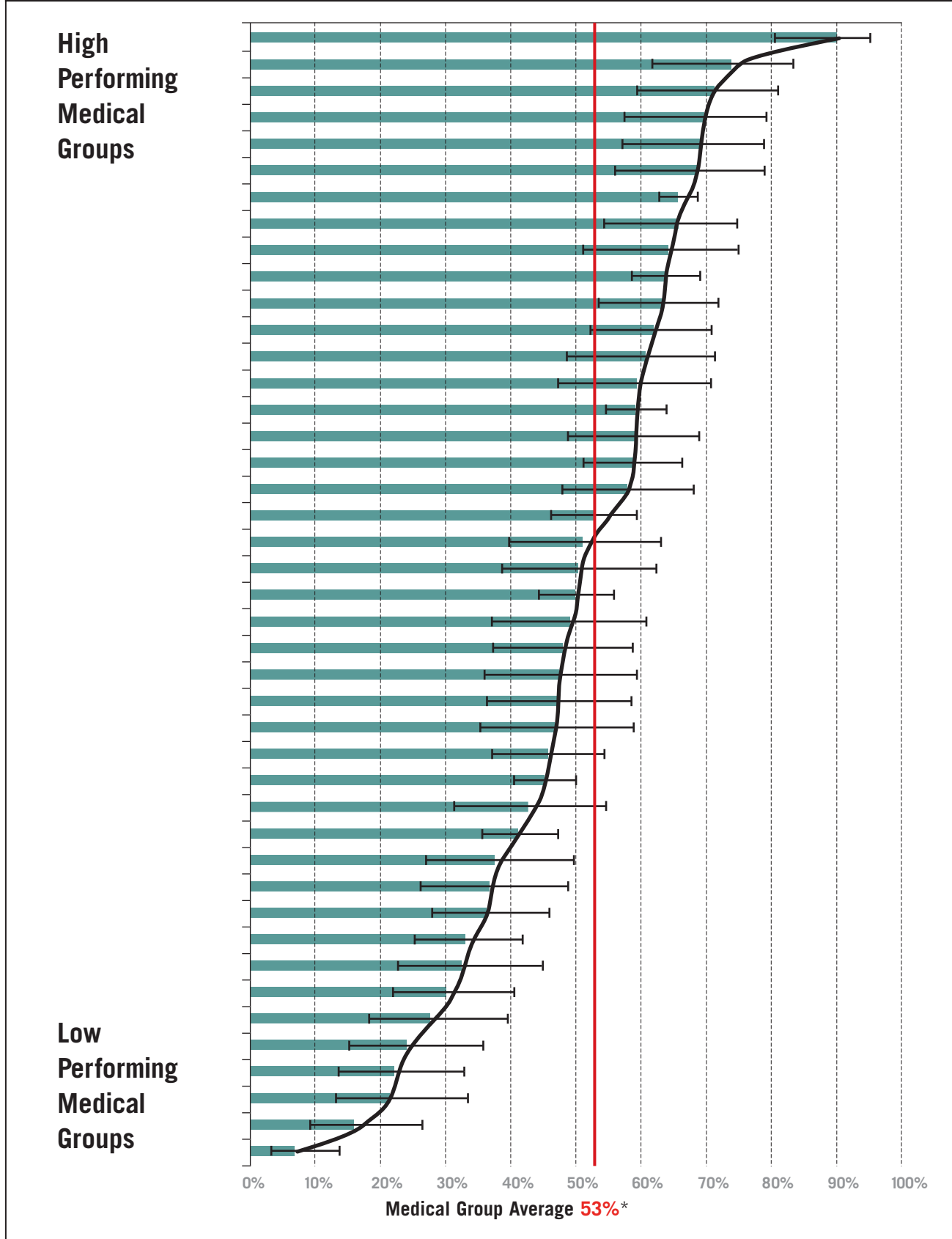
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

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



Note: 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: Cancer Screening Combined Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Medical Group Average 53%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 53 percent of patients ages 51-80 had appropriate cancer screening services (breast, cervical and colorectal). **Alexandria Clinic** set the benchmark of 90 percent. Eleven of 43 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Alexandria Clinic
- Stillwater Medical Group
- North Clinic
- HealthPartners Central Minnesota Clinics
- Camden Physicians
- France Avenue Family Physicians
- HealthPartners Clinics
- Affiliated Community Medical Centers
- Park Nicollet Health Services
- Mayo Clinic
- Fairview Health Services

Biggest Improvements

The greatest improvements since report year 2008 in Cancer Screening Combined (medical group level) were made by **Stillwater Medical Group** and **North Clinic** with each achieving greater than a 19 percentage point increase.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Chlamydia Screening in Women

Chlamydia Screening in Women (Medical Group Level Results)

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

The statewide rate for Chlamydia Screening is 47.3 percent. Table 14 displays the details of the 2009 rate. Chart 14 shows the Chlamydia Screening rate trend line for medical groups. A detailed table of the results can be found at the end of the report.

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

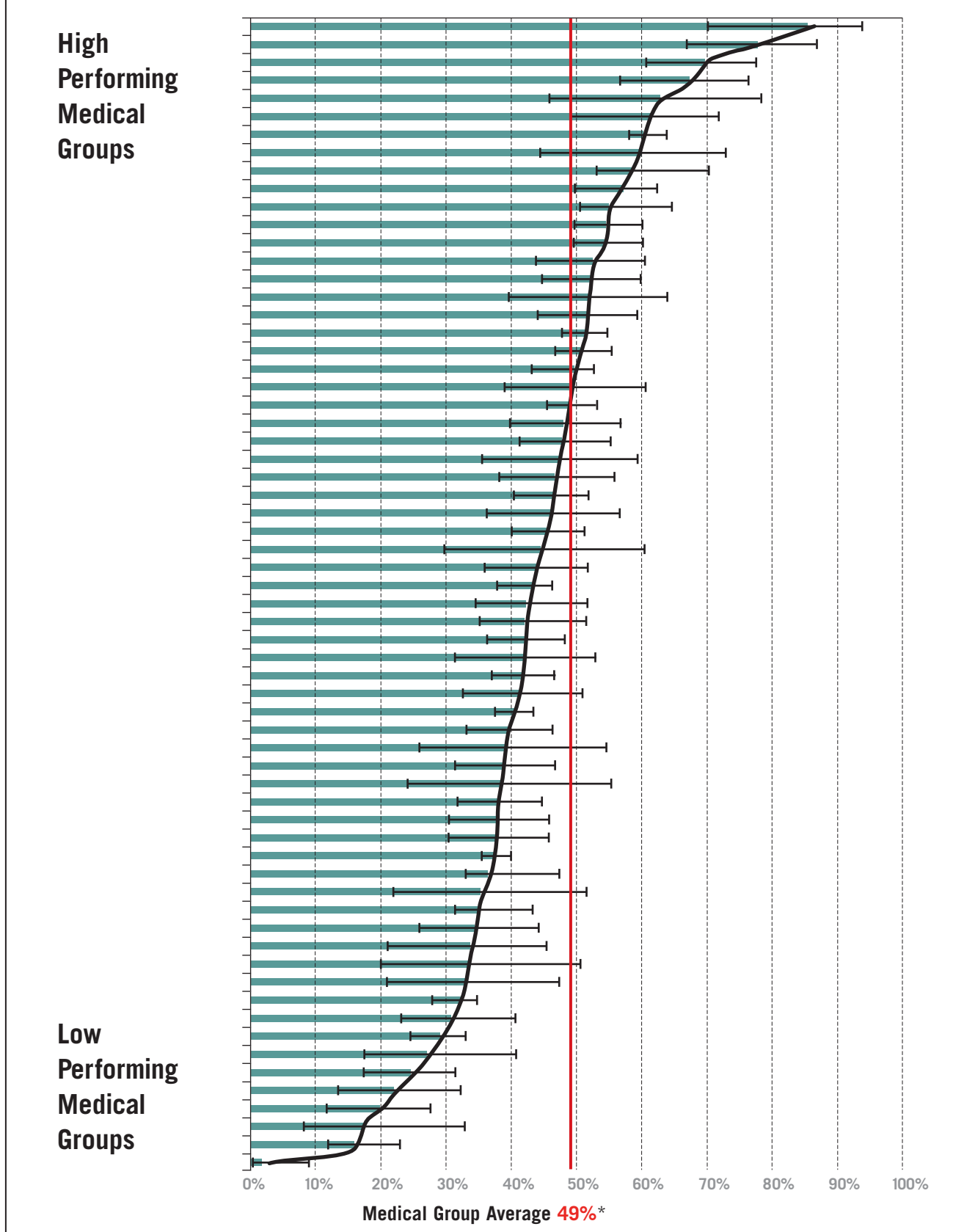
Table 14: Statewide Medical Group Level Rate for Chlamydia Screening in Women*

	Statewide Average	95% CI	Numerator	Denominator
Chlamydia Screening	47.3%	46.9% - 47.7%	25,933	54,843

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

No trend chart. Measurement specifications changed since last year.

Chart 14: Chlamydia Screening in Women Rates by Medical Group



High
Performing
Medical
Groups

Low
Performing
Medical
Groups

Medical Group Average 49%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 49 percent of sexually active women ages 16-24 had a Chlamydia test. **Dr. Bobby K. Yang Medical Clinic** set the benchmark of 85 percent. Twelve of 103 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- Dr. Bobby K. Yang Medical Clinic
- NorthPoint Health and Wellness Center
- Hennepin Faculty Associates & HCMC Clinics
- United Family Medicine
- HealthPartners Clinics
- Family Practice Medical Center of Willmar
- Allina Medical Clinic
- Neighborhood Health Care Network
- Apple Valley Medical Clinic
- Fairview Health Services
- Northwest Family Physicians
- HealthPartners Central Minnesota Clinics

Biggest Improvements

Not applicable.

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Care that is Proven to Work: STAYING HEALTHY MEASURES

Childhood Immunization – Combo 3

Childhood Immunization – Combo 3 (Medical Group Level Results)

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

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

The statewide rate for Childhood Immunization is 78 percent. Table 15 displays the details of the 2009 rate. Figure 15 shows the average rate for Childhood Immunization over time. Since the 2006 report, there has been an increase in this rate. Chart 15 shows the Childhood Immunization rate trend line for medical groups. A detailed table of the results can be found at the end of the report.

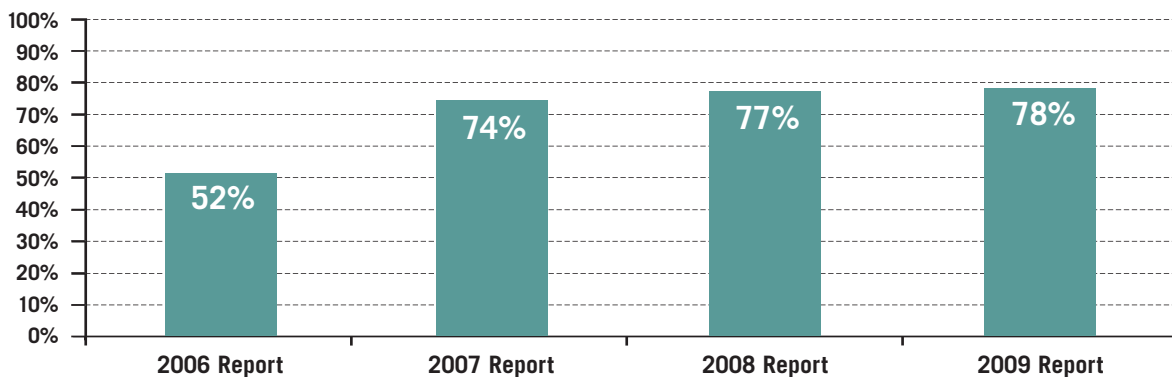
Data for this measure are collected from health plan claims, the Minnesota Immunization Information Connection registry (MIIC) and medical record review.

Table 15: Statewide Medical Group Level Rate for Childhood Immunization*

	Statewide Average (Weighted)	95% CI	Total Fully Immunized	Denominator (Patients sampled)	Total Eligible
Childhood Immunization	78.0%	76.9% - 79.1%	4,189	5,636	24,695

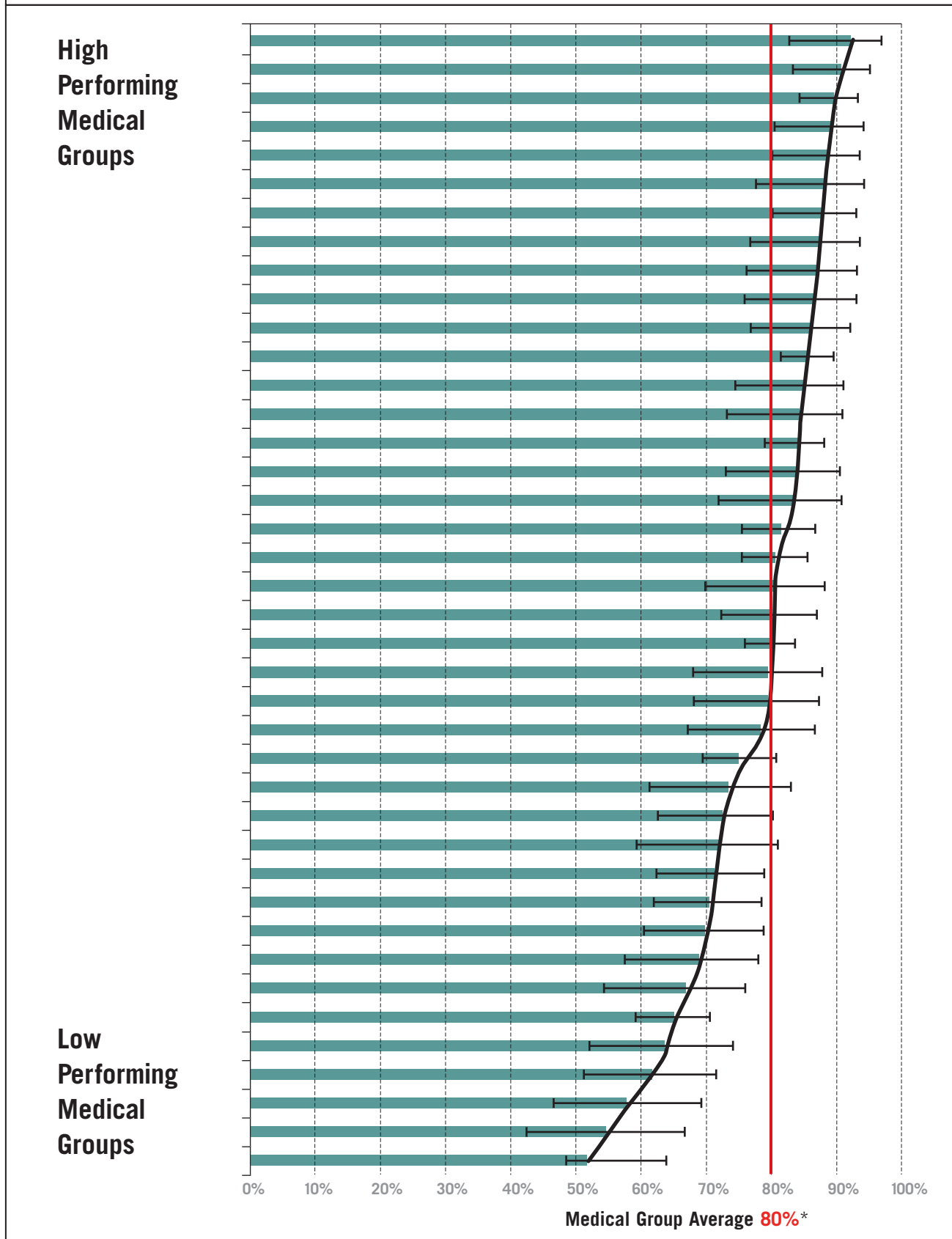
*Statewide average (above) includes those patients attributed to a medical group AND those who could not be attributed to a medical group.

Figure 15: Statewide Medical Group Level Rates for Childhood Immunization Over Time



Note: 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: Childhood Immunization Rates by Medical Group



High Performing Medical Groups

Low Performing Medical Groups

Medical Group Average 80%*

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

Performance Highlights – Medical Group Level Results

Highest Performers in 2009

Medical group level results showed that an average of 80 percent of children two years of age who were up-to-date with all recommended immunizations by their second birthday. **St. Cloud Medical Group** set the benchmark of 92 percent. Six out of 40 medical groups had rates and confidence intervals fully above the medical group average. The groups are listed below in performance order from high to low.

- St. Cloud Medical Group
- HealthEast
- Park Nicollet Health Services
- MeritCare
- Affiliated Community Medical Centers
- HealthPartners Clinics

Biggest Improvements

The greatest improvements since report year 2008 in Childhood Immunizations (medical group level) were made by **Neighborhood Health Care Network**, **Buffalo Clinic**, and **Innovis Health** with each achieving greater than a 20 percentage point increase.

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Care that is Responsive to a Patient's Needs and Preferences

Patient Experience Measures (Clinic Level Results)

The patient experience of care measures address patients' perceptions of their experience during their last visit to their doctor. The data were gathered from patient responses to a survey that were compiled into four composite measures.

- **Getting Care When Needed:** Reports on the timeliness of appointments, care and information.
- **How Well Doctors Communicated:** Reports how well doctors listen to their patients and explain things in a way they can understand
- **Courteous and Helpful Office Staff:** Reports whether the doctor's office staff was polite and helpful.
- **Doctors With an Exceptional Rating:** Reports the percentage of patients who rated their doctor as a 9 or 10 on a 0-10 rating scale where 10 = "best doctor possible". This measure shows the average response for all patients surveyed on each clinic reported.

For each measure category, the percentage shown is the proportion of patients reporting "yes" for the questions in each category. For example, in the "Getting Care When Needed" category, if a clinic scored 95 percent, that means that 95 percent of patients surveyed answered "yes" when asked questions about this topic (for example, that they saw the doctor within 15 minutes of their appointment time).

Table 16 shows each clinic's rate for each of the four composites on which they were reportable. To be reportable, clinics must have reached a certain threshold of responses from their patient population so that the data is reliable. The chart lists clinics from high to low on their overall average for the composites they reported. If a clinic was only reported on one composite, the average rate for that composite is their overall average. If a clinic was reportable on two composites, their overall average is the average of those two composites. Asterisks indicate if there were not enough patient responses available to report that composite.

Shaded bars mean that a score was considered "Top Performance" with both the rate and the confidence interval being fully above average.

The following clinics participated in the pilot but did not have enough patient responses available to report any of the four measures (listed in alphabetical order):

Allina Medical Clinic – Annandale	Fairview Maple Grove Medical Center
Allina Medical Clinic – Cokato	Fairview Milaca Clinic
Allina Medical Clinic – Crossroads Prior Lake	Fairview Rogers Clinic
Allina Medical Clinic – Elk River	Fairview Zimmerman Clinic
Allina Medical Clinic – United Medical Specialties	HealthEast – Macalaster/Groveland
Fairview Bass Lake Clinic	HealthPartners – RiverWay Elk River
Fairview Farmington Clinic	Quello Clinic – Lakeville
Fairview Jonathan Clinic	Quello Clinic – Savage
Fairview Lakeville Clinic	SuperiorHealth Center - Proctor

Table 16: Patient Experience of Care (Clinic Level Results)

Clinic Name	Getting Care When Needed	How Well Doctors Communicate	Courteous and Helpful Office Staff	Doctors with an Exceptional Rating
	Average = 92%	Average = 88%	Average = 89%	Average = 67%
Quello Clinic - Eden Prairie	98%	•	•	•
Stillwater Medical Group - Somerset Clinic	95%	•	•	•
Park Nicollet Clinic - Creekside	94%	•	•	•
Park Nicollet Clinic - Prairie Center	95%	95%	92%	78%
Fairview Plymouth Clinic	95%	95%	90%	79%
Park Nicollet Clinic - Golden Valley	95%	91%	90%	80%
Fairview Hugo Clinic	95%	92%	97%	71%
HealthPartners - Health Specialty Center	95%	92%	91%	75%
Allina Medical Clinic - Champlin	97%	89%	94%	73%
HealthEast - Downtown St. Paul	94%	92%	90%	76%
Allina Medical Clinic - Farmington	94%	94%	•	76%
Allina Medical Clinic - West St. Paul	93%	91%	90%	76%
Fairview Uptown Clinic	94%	92%	91%	73%
HealthEast - Roselawn	93%	92%	89%	75%
Allina Medical Clinic - Isles	93%	91%	90%	75%
Allina Medical Clinic - Hastings (Nininger)	90%	92%	88%	79%
HealthPartners - North Suburban Lino Lakes	95%	92%	90%	70%
Allina Medical Clinic - The Doctors Uptown	97%	89%	•	75%
HealthPartners - Health Center for Women	96%	91%	89%	73%
Park Nicollet Clinic - Eagan	93%	89%	95%	69%
Fairview Eagan Clinic	92%	92%	87%	76%
Fairview Lino Lakes Clinic	93%	91%	85%	77%
Allina Medical Clinic - Edina	94%	90%	87%	75%
Allina Medical Clinic - Pine City	87%	•	•	•
HealthPartners - Como	92%	90%	91%	73%
Allina Medical Clinic - Woodlake	94%	91%	84%	77%
Allina Medical Clinic - Northfield	91%	92%	91%	73%
Fairview Princeton Clinic	91%	91%	87%	75%
HealthEast - Oakdale	94%	91%	90%	70%
HealthEast - Vadnais Heights	90%	91%	89%	74%
SuperiorHealth Center - Lakewalk	89%	91%	88%	76%
Allina Medical Clinic - Shoreview	93%	89%	89%	73%
Allina Medical Clinic - Coon Rapids	94%	89%	90%	70%
Allina Medical Clinic - Forest Lake	93%	91%	89%	71%
HealthPartners - Center for International Health	93%	•	•	78%
Fairview EdenCenter Clinic	91%	90%	90%	71%

Legend = Top Performance • not enough patient responses were available to report this measure

Table 16: Patient Experience of Care (Clinic Level Results) – *continued*

Clinic Name	Getting Care When Needed	How Well Doctors Communicate	Courteous and Helpful Office Staff	Doctors with an Exceptional Rating
	Average = 92%	Average = 88%	Average = 89%	Average = 67%
Allina Medical Clinic - West Health Campus	95%	90%	87%	70%
Fairview North Branch Clinic	90%	92%	87%	73%
HealthEast - Rice Street	91%	88%	88%	74%
Park Nicollet Clinic - Carlson	95%	89%	90%	67%
Park Nicollet Clinic - Maple Grove	92%	89%	94%	67%
Park Nicollet Clinic - Minnetonka	95%	88%	92%	67%
Allina Medical Clinic - Shakopee	90%	90%	87%	74%
HealthEast - Midway	90%	91%	87%	73%
Fairview Crosstown Clinic	94%	88%	91%	67%
Allina Medical Clinic - Litchfield	95%	86%	92%	67%
Allina Medical Clinic - Cambridge Medical Center	91%	89%	89%	70%
Allina Medical Clinic - North Branch	95%	88%	91%	65%
HealthPartners - North Suburban Roseville	91%	93%	83%	72%
Allina Medical Clinic - Maple Grove	96%	91%	•	67%
Allina Medical Clinic - Faribault	91%	88%	88%	72%
Park Nicollet Clinic - Brookdale	93%	86%	91%	68%
Allina Medical Clinic - Buffalo	90%	88%	86%	74%
Fairview Northeast Clinic	94%	90%	87%	67%
Stillwater Medical Group - Curve Crest Clinic	93%	87%	89%	67%
Park Nicollet Clinic - Burnsville	92%	85%	90%	69%
Fairview Hiawatha Clinic	92%	89%	88%	67%
HealthPartners - Inver Grove Heights	94%	86%	91%	65%
Park Nicollet Clinic - Chanhassen	95%	85%	94%	61%
HealthPartners - Coon Rapids	92%	86%	91%	66%
Allina Medical Clinic - Hastings (W First St)	91%	89%	88%	68%
Fairview Chisago Lakes Clinic	94%	88%	87%	66%
Fairview Rush City Clinic	92%	88%	88%	67%
Park Nicollet Clinic - Plymouth	95%	85%	91%	63%
Allina Medical Clinic - Cottage Grove	91%	89%	90%	64%
Allina Medical Clinic - Woodbury	94%	89%	82%	68%
HealthPartners - Woodbury	91%	88%	85%	68%
Fairview CedarRidge Clinic	89%	87%	91%	65%
Park Nicollet Clinic - Shakopee	94%	86%	•	69%
Allina Medical Clinic - Nicollet Mall	91%	87%	82%	70%
HealthPartners - RiverWay Anoka	93%	86%	88%	63%
Park Nicollet Clinic - Hopkins	93%	89%	81%	66%

Legend = Top Performance • not enough patient responses were available to report this measure

Table 16: Patient Experience of Care (Clinic Level Results) – *continued*

Clinic Name	Getting Care When Needed	How Well Doctors Communicate	Courteous and Helpful Office Staff	Doctors with an Exceptional Rating
	Average = 92%	Average = 88%	Average = 89%	Average = 67%
Park Nicollet Clinic - Wayzata	95%	86%	88%	61%
Park Nicollet Clinic - Bloomington	94%	82%	96%	57%
HealthPartners - Apple Valley	93%	84%	88%	64%
Park Nicollet Clinic - Prior Lake	96%	87%	•	64%
Park Nicollet Clinic - St. Louis Park Family Medicine	92%	85%	89%	62%
HealthPartners - Brooklyn Center	92%	87%	87%	61%
Fairview Lakes Medical Center	91%	86%	89%	61%
Allina Medical Clinic - Ramsey	92%	85%	89%	60%
HealthPartners - Arden Hills	92%	87%	90%	56%
HealthPartners - Bloomington	91%	86%	86%	63%
HealthPartners - RiverWay Andover	91%	85%	92%	57%
Allina Medical Clinic - Hinkley	91%	86%	88%	60%
HealthPartners - White Bear Lake	93%	85%	90%	57%
HealthPartners - Riverside	91%	88%	•	65%
HealthEast - Cottage Grove	93%	83%	87%	60%
Fairview RidgeValley Clinic	87%	91%	78%	67%
HealthEast - Maplewood	91%	83%	89%	58%
HealthPartners - West	93%	84%	86%	60%
HealthEast - Woodbury	86%	88%	91%	57%
Allina Medical Clinic - Crossroads Chaska	86%	88%	75%	73%
Edina Sports Health & Wellness	85%	82%	88%	66%
HealthPartners - Midway	92%	88%	•	61%
Fairview Oxboro Clinic	88%	84%	85%	64%
Quello Clinic - Centennial Lakes	93%	79%	88%	60%
Park Nicollet Clinic - Minneapolis	92%	84%	•	63%
Quello Clinic - Burnsville	91%	80%	90%	56%
Fairview Elk River Clinic	95%	83%	•	60%
HealthPartners - St. Paul	93%	85%	•	59%
Fairview Highland Park Clinic	90%	87%	81%	58%
HealthPartners - Maplewood	93%	80%	91%	50%
Allina Medical Clinic - Eagan	90%	82%	82%	60%
Fairview Ridges Clinic	87%	82%	84%	60%
Allina Medical Clinic - Crossroads Shakopee	90%	83%	87% •	51%
Allina Medical Clinic - Mora	84%	81%	83%	57%

Legend = Top Performance • not enough patient responses were available to report this measure

Performance Highlights – Clinic Level Results

High Performers in 2009

High performance for each of the four patient experience measures is indicated if their rate and confidence interval was fully above the average for each particular rate. The high performing clinics are listed below in alphabetical order under the heading of their medical group name for each of the four measures.

Getting Care When Needed

Allina Medical Clinic

- Champlin
- Coon Rapids
- Litchfield
- Maple Grove
- The Doctors Uptown
- West Health Campus

Fairview Health Services

- Crosstown
- Hugo
- Plymouth

HealthEast

- Downtown St. Paul

HealthPartners

- Health Center for Women
- Health Specialty Center
- North Suburban Lino Lakes

Park Nicollet Clinic

- Carlson
- Chanhassen
- Golden Valley
- Minnetonka
- Plymouth
- Prairie Center
- Prior Lake
- Wayzata

Quello Clinic

- Eden Prairie

How Well Doctors Communicated

Allina Medical Clinic

- Farmington
- Hastings (Nininger)
- Isles
- Northfield
- West St. Paul
- Woodlake

Fairview Health Services

- Eagan
- Hugo
- Plymouth
- Princeton
- RidgeValley
- Uptown
- North Branch

HealthEast

- Downtown St. Paul
- Midway
- Oakdale
- Roselawn
- Vadnais Heights

HealthPartners

- Health Specialty Center
- North Suburban Lino Lakes
- North Suburban Roseville

Park Nicollet Clinic

- Golden Valley
- Prairie Center

SuperiorHealth Center

- Lakewalk

Courteous and Helpful Office Staff

Allina Medical Clinic

- Champlin
- Litchfield

Fairview Health Services

- Hugo

HealthPartners

- Health Specialty Center

Park Nicollet Clinic

- Bloomington
- Chanhassen
- Eagan
- Maple Grove

Doctors With an Exceptional Rating

Allina Medical Clinic

- Buffalo
- Edina
- Farmington
- Hastings (Nininger)
- Isles
- Northfield
- Shakopee
- Shoreview
- The Doctors Uptown
- West St. Paul
- Woodlake

Fairview Health Services

- Eagan
- Plymouth
- Princeton
- Lino Lakes
- North Branch

HealthEast

- Downtown St. Paul
- Midway
- Rice Street
- Roselawn
- Vadnais Heights

HealthPartners

- Center for International Health
- Como
- Health Center for Women
- Health Specialty Center

Park Nicollet Clinic

- Golden Valley
- Prairie Center

SuperiorHealth Center

- Lakewalk

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

Health Information Technology Measures

This measure assesses the use of health information technology (HIT) by medical groups and clinics in Minnesota. HIT, when used to manage a patient's care, can benefit patients. For example, it can ensure that all of a patient's health information is available to the doctor when needed. This helps prevent mistakes and reduce the need to repeat tests or delay decisions. The four measures reported here include using HIT to track clinical results, for electronic medication prescribing, for electronic scheduling and for electronic visits.

- **Electronic Clinical Results:** This measure tells a patient if their doctor uses an electronic medical record to track pending laboratory tests, diagnostic tests, and patient referrals. An example of this would be if the doctor can use the electronic medical record to track and monitor a blood test result between visits.
- **Electronic Prescriptions:** This measure tells a patient if their doctor can enter information about prescriptions into a computer and send it directly to a pharmacy. This method adds to patients' safety and prevents mistakes. It can notify physicians about drug allergies or conflicts with other medications a patient may be taking and can provide information about alternative medications. It can save patients' time because they do not have to drop off a prescription and wait until it is filled.
- **Electronic Scheduling:** This measure tells a patient if their provider has the ability to let patients make appointments online at their convenience. For example, if a patient has access to the internet, electronic scheduling allows a patient to make an appointment without having to call during a doctor's office business hours.
- **Electronic Visits:** This measure tells a patient if their provider offers electronic visits or e-visits as an alternative to a typical in-the-office visit. In an e-visit, patients consult with their doctor over the internet from the comfort of their own home.

For each measure category, check marks are used to display the type of technology a medical group or clinic is using. For example, if a group reported use of an electronic medication prescribing system, a check mark will be displayed in the electronic prescriptions column for that medical group or clinic.

Table 17 shows each clinic's results for the four categories of health information technology. Table 18 shows each medical group's results. The charts list medical groups and clinics from high to low on the total number of checkmarks across all four categories.

Table 17: Health Information Technology Results by Clinic

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
HealthPartners Central Minnesota Clinics - St. Cloud	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HealthPartners Central Minnesota Clinics - Well @ Work	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Neighborhood Health Care Network - Open Cities Health Center	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - All About Children Pediatrics, PA	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Children's Hospitals & Clinics of Minnesota	<input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - Dakota Pediatric Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - Eagan Valley Pediatrics, PA	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - Pediatric & Adolescent Care of Minnesota	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - Pediatric Services, PA	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MN Rural Health Cooperative - William Integracare Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Silver Lake Clinic - Shoreview	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Silver Lake Clinic - St. Anthony	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Ashland	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Aurora	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 17: Health Information Technology Results by Clinic

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
St. Mary's/Duluth Clinic - Chisholm	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Deer River	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Ely	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - General Internal Medicine	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Hayward	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Hermantown	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Hibbing	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - International Falls	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Lakeside	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Spooner	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Superior	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - Virginia	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
St. Mary's/Duluth Clinic - West	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Children's Physician Network - Pediatric & Young Adult Medicine, PA	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 17: Health Information Technology Results by Clinic

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
Children's Physician Network - Teen Age Medical Service	<input type="radio"/> Pending Tests <input checked="" type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Primary Clinic (Minneapolis)	<input type="radio"/> Pending Tests <input checked="" type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Primary Clinic (Saint Paul)	<input type="radio"/> Pending Tests <input checked="" type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neighborhood Health Care Network - Community University Healthcare Center	<input checked="" type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input checked="" type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Mendakota Pediatrics, LTD	<input checked="" type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - South Lake Clinic-Pediatrics West	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Children's Physician Network - Wayzata Children's Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Edina Eye Physicians & Surgeons - Edina	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MN Rural Health Cooperative - Glencoe Regional Health Services	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MN Rural Health Cooperative - Northside Medical Center	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Western Wisconsin Medical Associates - River Falls Medical Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westside Community Health Center - La Clinica	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Central Pediatrics, PA	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Edina Pediatrics	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Table 17: Health Information Technology Results by Clinic

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
Children's Physician Network - Fridley Children's & Teenager's Medical Center	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - North Star Pediatrics	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Northeast Pediatric Clinic, PA	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Northern Lights Pediatric and Adolescent Medicine	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Partners In Pediatrics, LTD	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Pediatric and Adolescent Services	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Physician Network - Southdale Pediatric Associates, LTD.	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fairmont Medical Center	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neighborhood Health Care Network - Family Tree Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neighborhood Health Care Network - Fremont Community Health Services	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Northern Lights Pediatric & Adolescent Medicine	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ridgeview Chanhassen Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Western Wisconsin Medical Associates - Hudson Physicians	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Western Wisconsin Medical Associates - New Richmond Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Table 18: Health Information Technology Results by Medical Group

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
HealthPartners Clinics	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mayo Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Northwest Family Physicians	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Obstetrics and Gynecology Associates	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Allina Medical Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arthritis and Rheumatology Consultants	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edina Family Physicians	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edina Sports Health & Wellness	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Express Healthcare	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fairview Health Services	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Family Medicine of Winona	<input type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Healing Spirit Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HealthEast Clinics	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hutchinson Medical Center	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 18: Health Information Technology Results by Medical Group

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
North Memorial Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Park Nicollet Health Services	<input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bloomington Lake Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clinic Sofia Ob/Gyn	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Endocrinology Clinic of Mpls.	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family HealthServices Minnesota	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family Practice Medical Center of Willmar	<input type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fergus Falls Medical Group	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
France Avenue Family Physicians	<input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grand Itasca Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Obstetrics, Gyn & Infertility	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paynesville Area Health System	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SuperiorHealth Center	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
University of Minnesota Physicians	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input checked="" type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 18: Health Information Technology Results by Medical Group

What Does This Information Mean?



Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
Women's Health Consultants	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Affiliated Community Medical Centers	<input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple Valley Medical Clinic	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cedar Riverside People's Center	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comprehensive Healthcare for Women	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Innovis Health	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mankato Clinic	<input checked="" type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MeritCare	<input checked="" type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stillwater Medical Group	<input type="checkbox"/> Pending Tests <input checked="" type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AALFA Family Clinic	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CentraCare Health System	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Consultants Internal Medicine	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marshfield Clinic	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metropolitan Pediatric Specialists	<input type="checkbox"/> Pending Tests <input type="checkbox"/> Diagnostic Test <input type="checkbox"/> Patient Referrals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 18: Health Information Technology Results by Medical Group

What Does This Information Mean?





Technology In Use



Technology Not In Use

	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
Western Ob/Gyn	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Albany Medical Center	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Andrew J Will, MD	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Buffalo Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Erskine M Caperton MD PA	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eye Care Associates	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fairview Mesaba Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
John A. Haugen Associates, PA	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Midwest Ear, Nose & Throat Specialists	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Minnesota Orthopaedic Specialists	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
North Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oakdale Ob/Gyn	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ophthalmology PA	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Partners Ob/Gyn	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Table 18: Health Information Technology Results by Medical Group

What Does This Information Mean?				
	Technology In Use		Technology Not In Use	
	Electronic Tracking	Electronic Prescriptions	Electronic Scheduling	Electronic Visits
Quello Clinic	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Richfield Medical Group	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Southdale Internal Medicine, P.A.	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Southdale Ob/Gyn Consultants	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
St. Cloud Medical Group	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
St. Paul Heart	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Ear Nose and Throat Clinic & Hearing Center	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Valley Family Practice	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winona Health	<input type="radio"/> Pending Tests <input type="radio"/> Diagnostic Test <input type="radio"/> Patient Referrals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Hospital Measures

Results will be included in an addendum available in early 2010.

Summary of Statewide Results

Table 19 provides an overview of the statewide averages by measure. It also includes the percentage point change in the average rates from 2008 to 2009, as well as the percentage point change over time. Statewide results are higher for most measures. Rates for the Childhood Immunizations and Breast Cancer Screening measures have remained steady since 2008. And, rates for the Asthma Care measure remained steady over the past two years. The slowing pace in improvement for the Asthma Care measure could be attributed, in part, to the high levels of performance.

Rates for Optimal Diabetes Care continue to increase. Over the past three years, clinic-level Optimal Diabetes Care rates increased by almost 1.5 times. And medical group level Optimal Diabetes Care rates, which have been measured over the past six years, quadrupled.

Two other measures that showed substantial improvement include the Controlling High Blood Pressure and Colorectal Cancer Screening measures. For the Controlling High Blood Pressure measure this would translate to about 5,000 more patients with hypertension who have their blood pressure under control. By having more patients with controlled hypertension, it could possibly reduce their risk of developing cardiovascular disease or experiencing serious complications from this disease.

Colorectal Cancer has the second highest fatality rate of all cancers in the United States. About 28,000 more people (ages 51-80) had appropriate screening for colorectal cancer in 2008 (dates of service) compared to the *2006 Health Care Quality Report* (2005 dates of service). Through proper colorectal cancer screening, the cancer can be detected at an early stage and polyps can be removed before they turn into cancer. If everyone aged 50 or older had regular screening tests and all precancerous polyps were removed, as many as 90 percent of deaths from colorectal cancer could be prevented (CDC, 2009).

(continued on page 117)

Summary of Statewide Results

Table 19: MN Community Measurement Statewide Results Comparisons to Previous Years

Quality Measure	2009 Statewide Average (2008 Dates of Services)	Percentage Point Change Statewide 2008 vs. 2009	Percentage Point Change Over Time
“Living with Illness” measures			
Optimal Diabetes Care* <i>(Clinic level results)</i>	18.9%	1.8 ↑	5.4 ↑ (3 years)
Optimal Diabetes Care* <i>(Medical group level results)</i>	16.0%	3.0 ↑	12.1 ↑ (6 years)
Optimal Vascular Care* <i>(Clinic level results)</i>	33.8%	1.2 ↑	1.2 ↑ (2 years)
Depression: Six Month Remission* <i>(Clinic level results)</i>	4.2%	N/A	N/A
Asthma Care (Ages 5-56) <i>(Medical group level results)</i>	91.6%	0.1 ↓	17.8 ↑ (6 years)
Controlling High Blood Pressure* <i>(Medical group level results)</i>	69.0%	3.6 ↑	3.5 ↑ (3 years)
“Getting Better” measures			
Appropriate Treatment for Children with URI <i>(Medical group level results)</i>	87.0%	1.2 ↑	1.3 ↑ (4 years)
Appropriate Testing for Children with Pharyngitis <i>(Medical group level results)</i>	86.0%	1.5 ↑	4.2 ↑ (4 years)
Avoidance of Antibiotics in the Treatment of Adult Bronchitis	19.3%	N/A	N/A
“Staying Healthy” measures			
Breast Cancer Screening (Mammograms) <i>(Medical group level results)</i>	77.1%	0.6 ↑	1.8 ↑ (6 years)
Cervical Cancer Screening (Pap tests) <i>(Medical group level results)</i>	76.0%	1.9 ↓	1.8 ↓ (6 years)
Colorectal Cancer Screening* <i>(Medical group level results)</i>	66.3%	3.5 ↑	8.0 ↑ (4 years)
Cancer Screening Combined* – Ages 51-80 (breast, cervical, colorectal) <i>(Medical group level results)</i>	48.4%	6.0 ↓	0.8 ↑ (4 years)
Chlamydia Screening (Ages 16-24) <i>(Medical group level results)</i>	47.3%	N/A	N/A
Childhood Immunizations* <i>(Medical group level results)</i>	78.0%	0.5 ↑	26.0 ↑ (4 years)

* These statewide averages are weighted (see methods). N/A = Measurement specifications changed so comparisons cannot be made.

Highest Performers in 2009 by Medical Group Type

The following tables 20A-20D list the high performing medical groups by type based on the clinical measures on which they were reported. These groups had above-average rates on most clinical measures.

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

Table 20A: High Performing Medical Groups in 2009 – Primary Care

Medical Group	Asthma	URI	Pharyngitis	Bronchitis	Optimal Diabetes	Optimal Vascular	Controlling High BP	Colorectal Cancer Screening	Breast Cancer Screening	Cervical Cancer Screening	Cancer Screening Combo	Chlamydia Screening	Childhood Immunization Status
HealthPartners Clinics 12 of 13		●	●	●	●	●	●	●	●	●	●	●	●
Park Nicollet Health Services 9 of 13		●	●			●	●	●	●	●	●		●
Fairview Health Services 8 of 13		●	●		●	●		●		●	●	●	
HealthEast 7 of 13		●	●		●	●	●	●					●
Children's Physician Network 3 of 6	●	●	●	N/A	N/A	N/A	N/A	N/A	N/A		N/A		

● = Medical group rate and CI fully above average. ○ = Data size too small to report. N/A = Measure not applicable.
 Blank = Measure reported but rate was average or below average.

Highest Performers in 2009 by Medical Group Type

Five of twelve urgent/convenience care clinics achieved rates that were above average more frequently than others. Each of these clinics achieved above-average rates on the URI and/or Pharyngitis measures.

Table 20B: High Performing Medical Groups in 2009 – Urgent/Convenience Care

Medical Group	Asthma*	URI	Pharyngitis	Bronchitis	Breast Cancer Screening*	Cervical Cancer Screening*	Chlamydia Screening*
Priority Pediatrics Urgent Care 2 of 2	⊙	●	●	N/A	N/A	⊙	⊙
St. Francis Medical Clinic Urgent Care 1 of 1	⊙	⊙	●	⊙	⊙	⊙	⊙
Physicians Urgent Care 2 of 4	⊙	●	●		⊙		⊙
Maple Grove Urgent Care 1 of 2	⊙	⊙	●		⊙	⊙	⊙
Urgent Care Doctor's Office 1 of 2	⊙		●	⊙	⊙	⊙	⊙

● = Medical group rate and CI fully above average. ⊙ = Data size too small to report. N/A = Measure not applicable.
 Blank = Measure reported but rate was average or below average.
 *Patients attributed to this entity receive the majority of their annual health care at this entity. These patients are less likely to receive primary care services when they seek care at one of these entities.

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

Table 20C: High Performing Medical Groups in 2009 – Cardiology

Medical Group	Optimal Vascular Care	Controlling High Blood Pressure
St Paul Heart Clinic - 1 of 1	●	⊙

● = Medical group rate and CI fully above average. ⊙ = Data size too small to report.

Highest Performers in 2009 by Medical Group Type

Sixteen of seventeen OB/GYN groups achieved rates that were above average more frequently than others. Each of these medical groups achieved above-average rates on at least two of the three measures on which they were reported. One medical group had data for only one measure, in which it had an above-average rate.

Table 20D: High Performing Medical Groups in 2009 – Obstetrics/Gynecology

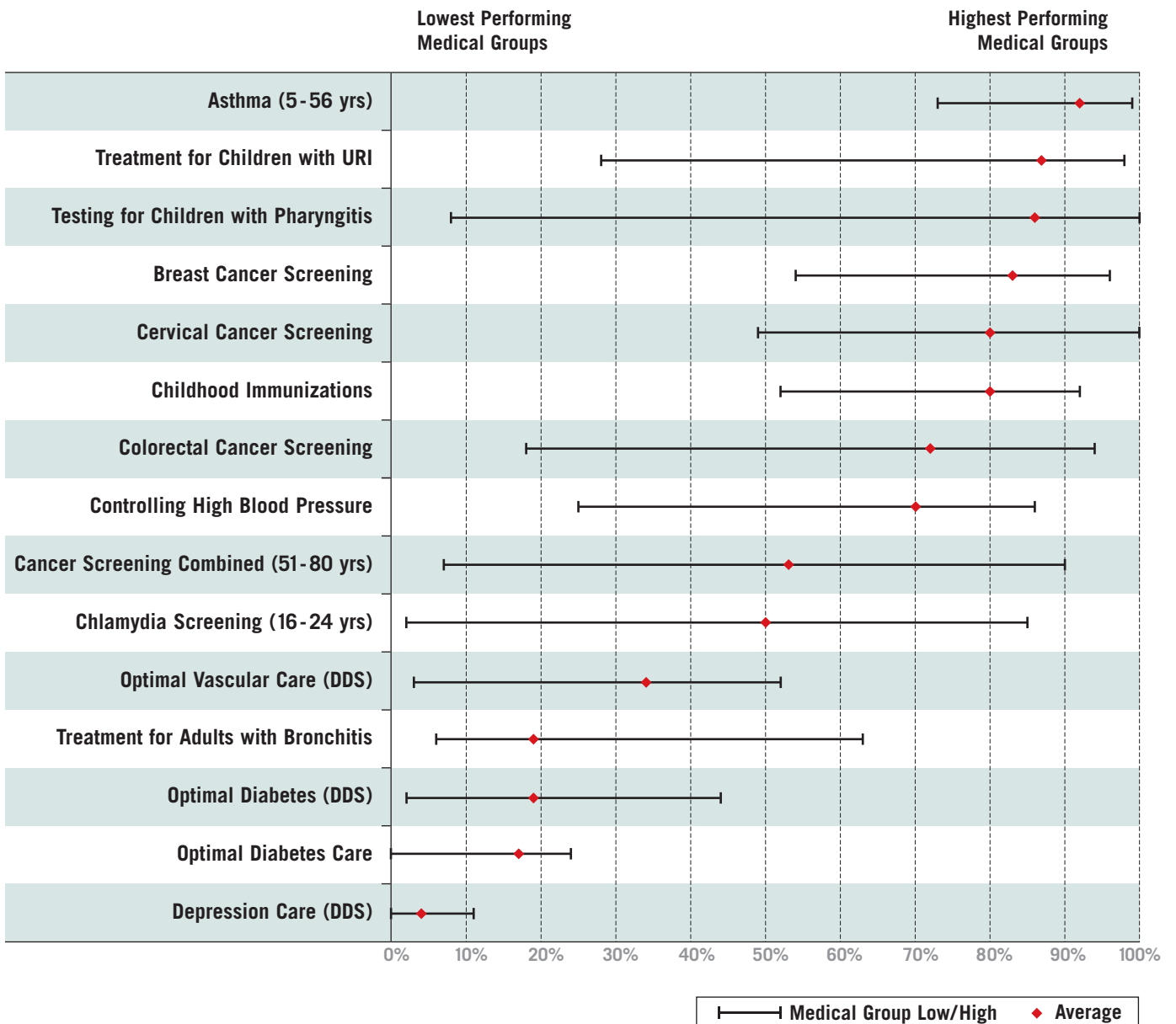
Medical Group	Breast Cancer Screening	Cervical Cancer Screening	Chlamydia Screening
Partners Obstetrics & Gynecology - 2 of 2	●	●	⊙
Advanced Specialty Care for Women - 1 of 1	⊙	●	⊙
Comprehensive Healthcare for Women - 2 of 3	●	●	
Clinic Sofia OB/GYN - 2 of 3	●	●	
Diamond Women’s Center - 2 of 3	●	●	
John A. Haugen Associates - 2 of 3	●	●	
Metropolitan OB/GYN - 2 of 3	●	●	
Northland OB-GYN Associates - 2 of 2	●	●	
Oakdale OB/GYN - 2 of 3	●	●	
Obstetrics & Gynecology Associates - 2 of 2	●	●	
Obstetrics, GYN & Infertility - 2 of 3	●	●	
Obstetrics & Gynecology West - 2 of 3	●	●	
Paul Larson OB/GYN Clinic - 2 of 3	●	●	
Southdale OB/GYN Consultants - 2 of 2	●	●	
Western OB/GYN - 2 of 3	●	●	
Womens’s Helath Consultants - 2 of 3	●	●	

● = Medical group rate and CI fully above average. ⊙ = Data size too small to report. N/A = Measure not applicable.
 Blank = Measure reported but rate was average or below average.

Medical Group Performance Variation in 2009

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

2009 Practice Variation - All Measures



Average Payment for Procedure

In 2009, MNMCM took initial steps to develop a measure that addresses the value of health care services by collecting and reporting average payment for procedure information for 105 commonly billed procedures. We collected aggregated information generated from data from four Minnesota health plans and provided that information, along with a comparison to statewide median amounts for each procedure on our website, www.mnhealthscores.org.

Purpose of Publicly Reporting Cost/Price Data

MN Community Measurement enjoys a reputation as a credible source of information for community-based efforts to use measurement and public reporting as tools to drive improvements in health care quality. We have shown that greater transparency in our health care system can lead to better health outcomes for the people of Minnesota. To date, our efforts have focused on the measurement and reporting of quality information. But many policy-makers believe that true reform of the health care system must include changes in the ways in which health care services are paid. An important role that MNMCM can play is to provide information on the cost as well as the quality of care.

Selection of Health Care Services for Reporting

We selected appropriate CPT codes for display by setting the following parameters:

- We wanted to present information that would be of value to consumers;
- We wanted to avoid, in this initial step, selecting health care services that would require aggregation of multiple fees, such as services with both professional and facility-based components.

For those reasons, we:

- Limited our parameters to health care services provided primarily by primary care groups (defining primary care as family practice, internal medicine, pediatrics and OB-GYN), looking at codes within the categories of evaluation and management, laboratory, medical, surgical, OB-GYN.
- We added mental health/substance abuse services as well as two codes for endoscopy and colonoscopy because we felt that those health care services would be particularly useful to consumers and would not require aggregation of multiple fees.
- For evaluation and management, we selected codes with the highest volume across providers (not just primary care providers) based on a 12 month data set for a large Minnesota insurer. We excluded codes specific to facility inpatient stays.
- For laboratory, we selected codes with the highest volume across providers, seeking codes for lab tests performed within a clinic setting, rather than being sent to a reference lab or pathologist.
- For medical codes, the highest volume codes across provider type were all immunization codes. We re-ran the immunization range of codes for primary care providers only, selecting the highest volume codes.

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Average Payment for Procedure

- For surgical codes, we selected codes with the highest volume across providers.
- We added the top codes for OB-GYN specific providers, selecting only “packaged” delivery codes, not separate component codes. The place of service for these codes may not only be “office”.
- For mental health, we selected codes with the highest volume across providers (not only mental health providers), excluding services that are specific to inpatient care.

More details:

- This data is the result of an aggregation of data from the four statewide health plans, Blue Cross Blue Shield, Medica, Health Partners and Preferred One. We received data from all four plans, but since not all health plans include all health care providers in their networks, we did not receive data on all providers from all health plans. In all of these cases, we reported data only in instances in which we had data from at least two health plans.
- The data collected represents dates of service from October, 2007 through September, 2008 and paid through December, 2008. This time period represents the most recent and complete twelve months of data available from the health plans when the request was made.
- For each CPT code, we displayed the median allowable amount from all four health plans aggregated at the provider group level. The 25th percentile and 75th percentile allowed amounts for each CPT code were provided for comparison. We requested data for physician claims only, but for some medical groups there may have been nurse practitioners providing services and the health plans may not have excluded those claims.
- The data reported is for ambulatory services only, not hospital services. We limited the data further to primary care groups (family practice, internal medicine, pediatrics and OB-GYN) and mental health/substance abuse providers.

Publication

The data was published on the MNCM MNHealthScores website in August 2009 and was featured in a press conference by Gov. Tim Pawlenty on August 26th, 2009. It generated significant media and consumer interest, including inquiries from several consumers seeking information on other procedures not addressed in the initial data set.

Future Plans for this Measure

The data collected and reported in this project was a preliminary effort aimed at beginning to explore both the methodology of developing a value measure as well as the consumer and provider issues surrounding such a measure. It was not the ultimate measure of cost and doesn't represent an integration of cost and quality data - but it is an important and useful start and we hope to be part of a community-wide effort to develop more sophisticated measures of total cost of care and the cost per episode of care.

Future Plans

The *2009 Health Care Quality Report* has brought a focus not only on clinical performance measures but also patient experience, health information technology measures, hospital measures and payment for procedure measures that will increase our ability to achieve our mission.

These measures have created a whole new wave of interest. According to a recent MNMCM survey, most medical groups and clinics in Minnesota are aware of the work of MN Community Measurement and believe that MNMCM is selecting important measures that drive improvement in health. While medical groups have always been important partners with MNMCM, many more are now actively engaged in shaping measure development and reporting processes. And increasing numbers of medical groups are participating in our DDS process for more and more measures. Likewise, the media have shown interest in our new measures. The release of the new depression measure and our report on the payment for procedures received significant media attention. And with the launch of our new consumer web site, we are experiencing higher numbers of visitors than ever before.

Next year will bring even more changes and new opportunities as we continue to expand our efforts. All clinics located in Minnesota will be submitting data for the Optimal Diabetes Care and Optimal Vascular Care measures as part of the new State reporting requirements. They will also be required to complete the Health Information Technology survey. These reporting requirements are only some of the activities that MNMCM has been engaged in as part of the state health care reform initiatives. In 2011, reporting requirements will expand to include involvement in patient experience of care measures and some additional hospital measures.

We will release a new asthma composite measure implemented through the DDS process. Measures under development include a new DDS colorectal cancer screening measure, a measure on the quality of colonoscopy, and a new High Tech Diagnostic Imaging measure in collaboration with the Institute for Clinical Systems Improvement (ICSI). In response to new clinical evidence, the Optimal Diabetes Care measure will be revised to reflect changes in the control target for the A1c component. We will continue to monitor the clinical literature to ensure that all of our measures are aligned with emerging research.

There is growing interest nationally in our experience with public reporting and measure development. Today we're leading the way among dozens of measurement organizations nationally and we are sought by other communities to help them build their capability for public reporting. To increase the use of our measures, we are partnering with other communities in aligning our measurement specifications. In addition, we are seeking endorsement by the National Quality Forum for our measures, which we hope will lead to wider adoption.

What we have created in Minnesota is special. We have an environment of innovation and collaboration, but we have found that it is very important for us to take what we have learned and share it. Other communities can learn from our experience and we can learn from them. We will continue to support the efforts of other communities to throw a pebble in the pond of public reporting. Watch for the ripples to spread.

Acknowledgements

The *2009 Health Care Quality Report* is a collaborative effort led by MN Community Measurement on behalf of the Minnesota health care community and the broader public. We would like to acknowledge the contributions of all organizations that shared their resources and the individuals who shared their time and expertise to make this report possible. We offer our sincerest thanks to:

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

Blue Cross and Blue Shield of Minnesota, FirstPlan of Minnesota, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest, Sanford Health Plan, South Country Health Alliance, UCare.

The medical groups and clinics that submitted data for this report: AALFA Family Clinic, Affiliated Community Medical Centers, Alexandria Clinic, Allina Medical Clinic, Altru Health System, Apple Valley Medical Clinic, Aspen Medical Group, Bloomington Lake Clinic, Brainerd Medical Center, Buffalo Clinic, Burnsville Family Physicians, Camden Physicians, Carlos Fernandez, MD Clinic, CentraCare Health System, Columbia Park Medical Group, Community-University Health Care Center, Consultants Internal Medicine, Edina Family Physicians, Edina Sports Health & Wellness, Fairview Health Services, Fairview Mesaba Clinic, Family HealthServices Minnesota, Family Medical Center, Family Medicine of Winona, Family Practice Medical Center of Willmar, France Avenue Family Physicians, Fremont Community Health Services, Glencoe Regional Health Services, Healing Spirit Clinic, HealthEast, HealthPartners Central Minnesota Clinics, HealthPartners Clinics, Hennepin Faculty Associates, Hutchinson Medical Center, Innovis Health, Lakeview Clinic, Lakeville Integrative Medicine Clinic, Mankato Clinic, Mayo Clinic, Mayo Health System, MeritCare, Minnesota Heart Clinic, Multicare Associates, New Spirit Women's Clinic, North Clinic, North Memorial Clinic, Northstar Physicians, Northwest Family Physicians, Park Nicollet Health Services, Parkway Family Physicians, Paynesville Area Health System, Quello Clinic, Renville County Hospital and Clinics, Richfield Medical Group, Ridgeview Clinics, Riverside Family Physicians, Silver Lake Clinic, Southdale Internal Medicine, St. Cloud Medical Group, St. Joseph's Medical Center, St. Mary's/Duluth Clinic, St. Paul Heart, Steven Saliterman, MD, Stevens Community Medical Center, Stillwater Medical Group, United Family Medicine, University of Minnesota Physicians, Western Wisconsin Medical Associates, Winona Health.

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Multispecialty and Primary Care Medical Groups Reported in 2009 - (129)

AALFA Family Clinic
 Affiliated Community Medical Centers
 Alexandria Clinic
 Allina Health System
 Allina Medical Clinic
 Altru Health System
 Amery Regional Medical Center
 Andrew J Will MD
 Apple Valley Medical Clinic
 Aspen Medical Group
 Avera Health/Avera Tri-State
 Baldwin Area Medical Center
 Barnesville Area Clinic
 Bloomington Lake Clinic
 Brainerd Medical Center
 Broadway Medical Center
 Buffalo Clinic
 Burnsville Family Physicians
 Camden Physicians
 Carlos Fernandez MD Clinic
 Catalyst Medical Clinic
 Cedar Riverside People's Center
 CentraCare Health System
 Central Lakes Medical Clinic
 Children's Hospitals & Clinics of Minnesota
 Children's Physician Network
 Clearwater Health Services
 Columbia Park Medical Group
 Community-University Health Care Center
 Consultants Internal Medicine
 Crossroads Medical Centers
 Dr. Bobby K. Yang Medical Clinic
 Edina Family Physicians
 Edina Sports Health & Wellness
 Erskine M Caperton MD
 Fairview Health Services
 Fairview Mesaba Clinic
 Fairview Physicians Associates
 Family Health Medical Clinics
 Family HealthServices Minnesota
 Family Medical Center
 Family Medicine of Winona
 Family Practice Medical Center of Willmar
 Family Tree Clinic
 Fergus Falls Medical Group
 First Care Medical Services
 Foley Medical Center
 France Avenue Family Physicians
 Fremont Community Health Services
 Glencoe Regional Health Services
 Graceville Health Center Clinic
 Grand Itasca Clinic
 Gundersen Clinic
 Healing Spirit Clinic
 HealthEast
 HealthPartners
 Central Minnesota Clinics
 HealthPartners Clinics
 Hennepin Faculty Associates and HCMC Clinics
 Hutchinson Medical Center
 Innovis Health
 Johnson Street Clinic
 Kittson Memorial Clinic
 Lakeview Clinic – Two Harbors
 Lakeview Clinic
 Lakeville Integrative Medicine Clinic
 Lakewood Health Center Clinic
 Lakewood Health System
 Mankato Clinic
 Marshfield Clinic
 Mayo Clinic
 Mayo Health System
 MeritCare
 Metropolitan Medical Associates
 Metropolitan Pediatric Specialists
 Mid Minnesota Family Medicine Center
 Mille Lacs Clinics
 Minnesota Rural Health Cooperative
 Multicare Associates of the Twin Cities
 Neighborhood Health Care Network
 New Spirit Women's Clinic
 North Clinic
 North Memorial Clinic
 NorthPoint Health & Wellness Center
 Northside Medical Center
 Northstar Physicians
 Northwest Family Physicians
 Olmsted Medical Center
 Open Cities Health Center
 Osceola Medical Center
 Park Nicollet Health Services
 Parkview Medical Clinic
 Parkway Family Physicians
 Paynesville Area Health Care System
 Quello Clinic
 Regina Medical Center
 Renville County Hospital and Clinics
 Richfield Medical Group
 Ridgeview Clinics
 River Falls Medical Clinic
 Riverside Family Physicians
 Riverview Clinics
 Riverwood Aitkin Clinic
 Sanford Clinic
 Scenic Rivers Health Services
 Sibley Medical Center
 Silver Lake Clinic
 Southdale Internal Medicine
 Southdale Pediatric Associates, Ltd.
 Southern Metro Medical Clinics
 St. Cloud Medical Group
 St. Croix Regional Medical Center
 St. Joseph's Medical Center
 St. Luke's Clinics
 St. Mary's/Duluth Clinic Health System
 St. Paul Family Medical Center
 Steven Saliterman, MD
 Stevens Community Medical Center
 Stillwater Medical Group
 SuperiorHealth Center
 Wadena Medical Center
 United Family Medicine
 United Hospital District Clinics
 Unity Family Healthcare - Avon
 University of Minnesota Physicians
 Valley Family Practice
 West Side Community Health Services
 Western Wisconsin Medical Associates
 Williams Integracare
 Winona Health

Other Types of Medical Groups Reported in 2009

3 Endocrinology Clinics

Endocrinology Clinic of Mpls
Mark P. Stesin, MD

MN Center for Obesity, Metabolism and
Endocrinology (MNCOME)

3 Cardiology Clinics

Minnesota Heart Clinic
Minneapolis Heart Institute

St. Paul Heart Clinic

17 Obstetrics/Gynecology Clinics

Adefris & Toppin Women's Specialists
Advanced Specialty Care for Women
Clinic Sofia OB/Gyn
Comprehensive Healthcare for Women
Diamond Women's Center
John A. Haugen Associates
Metropolitan OB & GYN
Northland OB-GYN Associates
Oakdale Ob/Gyn

Obstetrics & Gynecology Associates
Obstetrics & Gynecology West
Obstetrics, Gyn & Infertility
Partners Ob/Gyn
Paul Larson Ob/Gyn Clinic
Southdale Ob & Gyn Consultants
Western Ob/Gyn
Women's Health Consultants

12 Urgent/Convenience Care Clinics

Chaska Urgent Care
Express Healthcare
Maple Grove Urgent Care
MinuteClinic
Now Care Medical Centers
Physicians Urgent Care

Priority Pediatrics Urgent Care
RapidCare Urgent Care
St. Francis Medical Clinic – Urgent Care
Suburban Emergency Associates
The Doctor's Office Urgent Care
WestHealth Urgent Care

6 Other Specialty Clinics

Arthritis and Rheumatology Consultants
Edina Eye Physicians & Surgeons
Eye Care Associates

Midwest Ear, Nose & Throat Specialist Minnesota
Ophthalmology PA
The Ear Nose and Throat Clinic & Hearing Center

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

Hospitals Reporting AHRQ Measures in 2009 – (130)

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

Tables

This section includes detailed tables for each of the Care That is Proven to Work measures. The following elements are included in each table:

- Medical Group or Clinic name (depending on the measure) in order of high rate to low rate.
- N – Total number of patients in the denominator for each measure.
- Rate
- Lower and Upper 95% Confidence Interval Rate
- Rating – an “Above” average rating is for clinics or groups that have an average and confidence interval that is fully above the overall clinic or medical group average. “Average or Below” average ratings are for clinics or groups that have an average and confidence interval that either crosses the overall average or is below it.
- Total Population or Sample

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 Avoidance of Antibiotic Treatment of Adult Bronchitis

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Breast Cancer Screening
 Cervical Cancer Screening
 Colorectal Cancer Screening
 Cancer Screening Combined
 Chlamydia Screening
 Childhood Immunization Status (Combo 3)

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
Fairview Oxboro Clinic	1219	44.8%	42.0%	47.6%	Above	Total Population
Apple Valley Medical Clinic	876	44.3%	41.0%	47.6%	Above	Total Population
HealthPartners - Inver Grove Heights	353	42.2%	37.2%	47.4%	Above	Total Population
Family HealthServices Minnesota - White Bear Office	100	40.0%	30.9%	49.8%	Above	Sample
Franciscan Skemp - Caledonia	60	40.0%	28.6%	52.6%	Above	Sample
Southdale Internal Medicine, P.A.	60	40.0%	28.6%	52.6%	Above	Sample
Park Nicollet Clinic - Minnetonka	182	36.8%	30.1%	44.0%	Above	Total Population
Allina Medical Clinic - Eagan	411	36.7%	32.2%	41.5%	Above	Total Population
Immanuel St. Joseph's - St. Peter	60	36.7%	25.6%	49.3%	Above	Sample
Western Wisconsin Medical Associates - New Richmond Clinic	60	36.7%	25.6%	49.3%	Above	Sample
Allina Medical Clinic - Litchfield	352	36.4%	31.5%	41.5%	Above	Total Population
Fairview Maple Grove Medical Center	102	36.3%	27.6%	45.9%	Above	Total Population
Allina Medical Clinic - Buffalo	450	35.6%	31.3%	40.1%	Above	Total Population
Allina Medical Clinic - Annandale	121	35.5%	27.6%	44.4%	Above	Total Population
St. Cloud Medical Group - Cold Spring Medical Clinic	60	35.0%	24.2%	47.6%	Above	Sample
Allina Medical Clinic - Isles	226	35.0%	29.0%	41.4%	Above	Total Population
Fairview RidgeValley Clinic	229	34.5%	28.6%	40.9%	Above	Total Population
Family HealthServices Minnesota - Shoreview	100	34.0%	25.5%	43.7%	Above	Sample
Franciscan Skemp - LaCrescent	60	33.3%	22.7%	45.9%	Above	Sample
Immanuel St. Joseph's - Mankato Northridge	60	33.3%	22.7%	45.9%	Above	Sample
Immanuel St. Joseph's - Springfield	60	33.3%	22.7%	45.9%	Above	Sample
Fairview Eagan Clinic	512	33.2%	29.3%	37.4%	Above	Total Population
Allina Medical Clinic - Prescott	49	32.7%	21.2%	46.6%	Above	Total Population
Allina Medical Clinic - Cottage Grove	643	32.5%	29.0%	36.2%	Above	Total Population
Allina Medical Clinic - Cokato	130	32.3%	24.9%	40.8%	Above	Total Population
France Avenue Family Physicians	344	32.3%	27.5%	37.4%	Above	Total Population
Affiliated Community Medical Centers - New London Clinic	143	32.2%	25.1%	40.2%	Above	Total Population
Allina Medical Clinic - West Health Campus	339	32.2%	27.4%	37.3%	Above	Total Population
Allina Medical Clinic - Forest Lake	651	32.0%	28.5%	35.6%	Above	Total Population
Allina Medical Clinic - Coon Rapids	2797	31.9%	30.2%	33.7%	Above	Total Population
Park Nicollet Clinic - Golden Valley	518	31.9%	28.0%	36.0%	Above	Total Population
Allina Medical Clinic - Shoreview	569	31.8%	28.1%	35.7%	Above	Total Population
Allina Medical Clinic - The Doctors Uptown	183	31.7%	25.4%	38.8%	Above	Total Population
Mankato Clinic - Mapleton	60	31.7%	21.3%	44.2%	Above	Sample
Fairview Ridges Clinic	942	31.6%	28.7%	34.7%	Above	Total Population
HealthPartners - Arden Hills	443	31.4%	27.2%	35.8%	Above	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
HealthPartners - Apple Valley	397	31.2%	26.9%	36.0%	Above	Total Population
Affiliated Community Medical Centers - Granite Falls Clinic	221	31.2%	25.5%	37.6%	Above	Total Population
Allina Medical Clinic - West St. Paul	726	31.0%	27.7%	34.4%	Above	Total Population
Allina Medical Clinic - Ramsey	498	30.9%	27.0%	35.1%	Above	Total Population
Allina Medical Clinic - Farmington	260	30.8%	25.5%	36.6%	Above	Total Population
Quello Clinic - Eden Prairie	88	30.7%	22.0%	41.0%	Above	Total Population
Fairview Crosstown Clinic	369	30.6%	26.1%	35.5%	Above	Total Population
Allina Medical Clinic - Edina	331	30.5%	25.8%	35.7%	Above	Total Population
HealthEast - Midway	479	30.5%	26.5%	34.7%	Above	Total Population
HealthPartners - RiverWay Anoka	878	30.1%	27.1%	33.2%	Above	Total Population
Family HealthServices Minnesota - Banning Avenue Office	100	30.0%	21.9%	39.6%	Above	Sample
St. Cloud Medical Group - Clearwater Medical Clinic	60	30.0%	19.9%	42.5%	Above	Sample
HealthPartners - RiverWay Elk River	356	29.8%	25.3%	34.7%	Above	Total Population
Allina Medical Clinic - Northfield	652	29.8%	26.4%	33.4%	Above	Total Population
HealthPartners - Coon Rapids	648	29.6%	26.2%	33.3%	Above	Total Population
Allina Medical Clinic - Nicollet Mall	470	29.4%	25.4%	33.6%	Above	Total Population
Allina Medical Clinic - St. Michael	106	29.2%	21.4%	38.5%	Above	Total Population
Fairview Hugo Clinic	127	29.1%	21.9%	37.6%	Above	Total Population
Allina Medical Clinic - Champlin	443	29.1%	25.1%	33.5%	Above	Total Population
HealthEast - Vadnais Heights	438	29.0%	24.9%	33.4%	Above	Total Population
Allina Medical Clinic - Elk River	259	29.0%	23.8%	34.8%	Above	Total Population
Fairview North Branch Clinic	329	28.6%	24.0%	33.7%	Above	Total Population
HealthPartners - Brooklyn Center	749	28.4%	25.3%	31.8%	Above	Total Population
HealthPartners - RiverWay Andover	528	28.4%	24.7%	32.4%	Above	Total Population
CentraCare - Internal Medicine River Campus	60	28.3%	18.5%	40.8%	Average or Below	Sample
Allina Medical Clinic - Hastings (W First St)	625	28.2%	24.8%	31.8%	Above	Total Population
Park Nicollet Clinic - Maple Grove	366	28.1%	23.8%	33.0%	Above	Total Population
Quello Clinic - Centennial Lakes	423	28.1%	24.1%	32.6%	Above	Total Population
HealthEast - Maplewood	292	28.1%	23.2%	33.5%	Above	Total Population
Allina Medical Clinic - Woodbury	723	28.1%	24.9%	31.5%	Above	Total Population
Fairview Lakeville Clinic	93	28.0%	19.9%	37.8%	Above	Total Population
HealthPartners - Health Center for Women	234	27.8%	22.4%	33.8%	Above	Total Population
Family Practice Medical Center of Willmar	451	27.7%	23.8%	32.0%	Above	Total Population
Fairview Chisago Lakes Clinic	326	27.6%	23.0%	32.7%	Above	Total Population
Park Nicollet Clinic - Wayzata	374	27.5%	23.3%	32.3%	Above	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
Western Wisconsin Medical Associates - Hudson Physicians	120	27.5%	20.3%	36.1%	Above	Sample
HealthPartners - Woodbury	851	27.4%	24.5%	30.5%	Above	Total Population
HealthPartners - North Suburban Roseville	318	27.4%	22.8%	32.5%	Above	Total Population
Allina Medical Clinic - Faribault	760	27.2%	24.2%	30.5%	Above	Total Population
Fairview EdenCenter Clinic	485	27.2%	23.4%	31.3%	Above	Total Population
MeritCare - North Fargo	239	27.2%	21.9%	33.2%	Above	Total Population
Family HealthServices Minnesota - Afton Road	100	27.0%	19.3%	36.4%	Above	Sample
Family HealthServices Minnesota - Highland Family Physicians	100	27.0%	19.3%	36.4%	Above	Sample
Fairview Red Wing Medical Center	888	26.9%	24.1%	29.9%	Above	Total Population
HealthEast - Cottage Grove	521	26.9%	23.2%	30.8%	Above	Total Population
HealthEast - Salud Integral	41	26.8%	15.7%	41.9%	Average or Below	Total Population
Fairview Northeast Clinic	427	26.7%	22.7%	31.1%	Above	Total Population
Western Wisconsin Medical Associates - Ellsworth Medical Clinic	60	26.7%	17.1%	39.0%	Average or Below	Sample
Park Nicollet Clinic - St. Louis Park Internal Medicine	1039	26.2%	23.6%	28.9%	Above	Total Population
Family HealthServices Minnesota - Inver Grove Heights	100	26.0%	18.4%	35.4%	Average or Below	Sample
Family HealthServices Minnesota - Woodbury Office	100	26.0%	18.4%	35.4%	Average or Below	Sample
Allina Medical Clinic - Shakopee	351	25.9%	21.6%	30.8%	Above	Total Population
Fairview Hiawatha Clinic	521	25.7%	22.2%	29.6%	Above	Total Population
Park Nicollet Clinic - Prairie Center	262	25.6%	20.7%	31.2%	Above	Total Population
Fairview Red Wing Ellsworth Clinic	67	25.4%	16.5%	36.9%	Average or Below	Total Population
Fairview CedarRidge Clinic	669	25.3%	22.1%	28.7%	Above	Total Population
Allina Medical Clinic - Maple Grove	278	25.2%	20.4%	30.6%	Above	Total Population
Allina Medical Clinic - Cambridge Medical Center	1261	25.1%	22.8%	27.6%	Above	Total Population
CentraCare - St. Joseph	60	25.0%	15.8%	37.2%	Average or Below	Sample
Lakeview Clinic - Waconia	60	25.0%	15.8%	37.2%	Average or Below	Sample
HealthPartners - Como	803	24.9%	22.0%	28.0%	Above	Total Population
Fairview Uptown Clinic	226	24.8%	19.6%	30.8%	Above	Total Population
Allina Medical Clinic - Woodlake	759	24.8%	21.8%	28.0%	Above	Total Population
St. Mary's/Duluth Clinic - Hayward	493	24.5%	21.0%	28.5%	Above	Total Population
Fairview Princeton Clinic	698	24.4%	21.3%	27.7%	Above	Total Population
Fairview Bass Lake Clinic	37	24.3%	13.4%	40.1%	Average or Below	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	425	24.2%	20.4%	28.5%	Above	Total Population
Fairview Milaca Clinic	232	24.1%	19.1%	30.0%	Above	Total Population
Family HealthServices Minnesota - Woodlane Family Practice	100	24.0%	16.7%	33.2%	Average or Below	Sample
HealthPartners - Riverside	930	23.8%	21.1%	26.6%	Above	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
HealthPartners - Bloomington	574	23.7%	20.4%	27.3%	Above	Total Population
Fairview Lino Lakes Clinic	266	23.7%	19.0%	29.1%	Above	Total Population
Fairview Highland Park Clinic	326	23.6%	19.3%	28.5%	Above	Total Population
Fairview Jonathan Clinic	136	23.5%	17.2%	31.3%	Average or Below	Total Population
Camden Physicians - Plymouth	60	23.3%	14.4%	35.4%	Average or Below	Sample
Cannon Valley Clinic	60	23.3%	14.4%	35.4%	Average or Below	Sample
Mankato Clinic - Wickersham Campus	60	23.3%	14.4%	35.4%	Average or Below	Sample
Winona Health - Rushford	60	23.3%	14.4%	35.4%	Average or Below	Sample
Park Nicollet Clinic - Burnsville	1031	23.3%	20.8%	26.0%	Above	Total Population
Park Nicollet Clinic - Eagan	487	23.2%	19.7%	27.2%	Above	Total Population
Affiliated Community Medical Centers - Marshall Clinic	806	23.2%	20.4%	26.2%	Above	Total Population
Fairview Elk River Clinic	451	23.1%	19.4%	27.2%	Above	Total Population
Family HealthServices Minnesota - North St. Paul Clinic	100	23.0%	15.8%	32.2%	Average or Below	Sample
HealthEast - Woodbury	807	22.8%	20.0%	25.8%	Above	Total Population
HealthPartners - West	416	22.6%	18.8%	26.9%	Average or Below	Total Population
Northstar Physicians - Northland Family Physicians	62	22.6%	14.0%	34.4%	Average or Below	Sample
MeritCare - Mahanomen	80	22.5%	14.7%	32.8%	Average or Below	Total Population
Fairview Lakes Medical Center	978	22.5%	20.0%	25.2%	Above	Total Population
HealthPartners - White Bear Lake	387	22.5%	18.6%	26.9%	Average or Below	Total Population
Burnsville Family Physicians	259	22.4%	17.7%	27.9%	Average or Below	Total Population
Ridgeview Chanhassen Clinic	210	22.4%	17.3%	28.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Spooner	426	22.3%	18.6%	26.5%	Average or Below	Total Population
Allina Medical Clinic - Mora	486	22.2%	18.8%	26.1%	Average or Below	Total Population
Affiliated Community Medical Centers - Willmar Clinic	1406	22.2%	20.1%	24.4%	Above	Total Population
Park Nicollet Clinic - Creekside	149	22.1%	16.2%	29.5%	Average or Below	Total Population
HealthEast - Oakdale	524	22.1%	18.8%	25.9%	Average or Below	Total Population
Park Nicollet Clinic - Carlson	683	22.1%	19.2%	25.4%	Above	Total Population
Allina Medical Clinic - North Branch	59	22.0%	13.4%	34.1%	Average or Below	Total Population
Family HealthServices Minnesota - Gorman Clinic	100	22.0%	15.0%	31.1%	Average or Below	Sample
Innovis Health - Lisbon	32	21.9%	11.0%	38.8%	Average or Below	Sample
University of Minnesota Physicians - Primary Care Center	507	21.7%	18.3%	25.5%	Average or Below	Total Population
Western Wisconsin Medical Associates - River Falls Medical Clinic	120	21.7%	15.2%	29.9%	Average or Below	Sample
AALFA Family Clinic	60	21.7%	13.1%	33.6%	Average or Below	Sample
CentraCare - Family Medicine - Health Plaza	60	21.7%	13.1%	33.6%	Average or Below	Sample
CentraCare - Internal Medicine Plaza	60	21.7%	13.1%	33.6%	Average or Below	Sample

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
CentraCare - Melrose	60	21.7%	13.1%	33.6%	Average or Below	Sample
Immanuel St. Joseph's - Le Sueur	60	21.7%	13.1%	33.6%	Average or Below	Sample
Lakeview Clinic - Chaska	60	21.7%	13.1%	33.6%	Average or Below	Sample
Park Nicollet Clinic - Shakopee	537	21.6%	18.3%	25.3%	Average or Below	Total Population
Park Nicollet Clinic - Hopkins	519	21.4%	18.1%	25.1%	Average or Below	Total Population
HealthPartners - Center for International Health	305	21.3%	17.1%	26.2%	Average or Below	Total Population
Fairview Plymouth Clinic	123	21.1%	14.9%	29.2%	Average or Below	Total Population
HealthPartners - Health Specialty Center	1643	20.5%	18.6%	22.5%	Average or Below	Total Population
Northwest Family Physicians - Rogers office	236	20.3%	15.7%	25.9%	Average or Below	Total Population
Park Nicollet Clinic - Prior Lake	174	20.1%	14.8%	26.7%	Average or Below	Total Population
MeritCare - Island Park	259	20.1%	15.7%	25.4%	Average or Below	Total Population
HealthEast - Macalester/Groveland	145	20.0%	14.3%	27.2%	Average or Below	Total Population
Family HealthServices Minnesota - Larpenteur Office	100	20.0%	13.3%	28.9%	Average or Below	Sample
Family HealthServices Minnesota - Vadnais Heights Office	100	20.0%	13.3%	28.9%	Average or Below	Sample
CentraCare - Long Prairie	60	20.0%	11.8%	31.8%	Average or Below	Sample
Immanuel St. Joseph's - Mankato Specialty Clinic	60	20.0%	11.8%	31.8%	Average or Below	Sample
Innovis Health - Moorhead	60	20.0%	11.8%	31.8%	Average or Below	Sample
Innovis Health - Northport	60	20.0%	11.8%	31.8%	Average or Below	Sample
Lakeview Clinic - Norwood	60	20.0%	11.8%	31.8%	Average or Below	Sample
Luther Midelfort - Oakridge	60	20.0%	11.8%	31.8%	Average or Below	Sample
Mankato Clinic - Lake Crystal	60	20.0%	11.8%	31.8%	Average or Below	Sample
Mankato Clinic - North Mankato	60	20.0%	11.8%	31.8%	Average or Below	Sample
St. Cloud Medical Group - Northwest	60	20.0%	11.8%	31.8%	Average or Below	Sample
Allina Medical Clinic - Hastings (Nininger)	346	19.9%	16.1%	24.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Hibbing	623	19.9%	17.0%	23.2%	Average or Below	Total Population
Fairview Red Wing Zumbrota Clinic	161	19.9%	14.4%	26.7%	Average or Below	Total Population
HealthEast - Downtown St. Paul	581	19.8%	16.8%	23.2%	Average or Below	Total Population
HealthPartners - Maplewood	556	19.8%	16.7%	23.3%	Average or Below	Total Population
HealthPartners - Midway	459	19.6%	16.2%	23.5%	Average or Below	Total Population
Affiliated Community Medical Centers - Benson Clinic	272	19.5%	15.2%	24.6%	Average or Below	Total Population
North Memorial Clinic - Plymouth Internal Medicine	402	19.4%	15.8%	23.6%	Average or Below	Total Population
Camden Physicians - Maple Grove	62	19.4%	11.4%	30.9%	Average or Below	Sample
Winona Health - Winona	120	19.2%	13.1%	27.1%	Average or Below	Sample
MeritCare - Broadway Internal Medicine	764	19.1%	16.5%	22.0%	Average or Below	Total Population
MeritCare - Southpointe Internal Medicine	686	19.1%	16.3%	22.2%	Average or Below	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
MeritCare - Bemidji Internal Medicine	695	18.8%	16.1%	21.9%	Average or Below	Total Population
Allina Medical Clinic - United Medical Specialties	1349	18.7%	16.7%	20.8%	Average or Below	Total Population
Park Nicollet Clinic - St. Louis Park Family Medicine	613	18.6%	15.7%	21.9%	Average or Below	Total Population
HealthPartners Central Minnesota Clinics - St. Cloud	863	18.5%	16.1%	21.3%	Average or Below	Total Population
Quello Clinic - Lakeville	352	18.5%	14.8%	22.9%	Average or Below	Total Population
MeritCare - South Moorhead Internal Medicine	336	18.5%	14.7%	22.9%	Average or Below	Total Population
Park Nicollet Clinic - Bloomington	565	18.4%	15.4%	21.8%	Average or Below	Total Population
Fairview Zimmerman Clinic	218	18.3%	13.8%	24.0%	Average or Below	Total Population
Franciscan Skemp - LaCrosse	60	18.3%	10.6%	29.9%	Average or Below	Sample
Immanuel St. Joseph's - Mankato Eastridge	60	18.3%	10.6%	29.9%	Average or Below	Sample
Luther Midelfort - Northland	60	18.3%	10.6%	29.9%	Average or Below	Sample
St. Cloud Medical Group - South	60	18.3%	10.6%	29.9%	Average or Below	Sample
Wabasha Clinic	60	18.3%	10.6%	29.9%	Average or Below	Sample
Western Wisconsin Medical Associates - Spring Valley Medical Clinic	60	18.3%	10.6%	29.9%	Average or Below	Sample
Park Nicollet Clinic - Brookdale	1326	18.2%	16.2%	20.3%	Average or Below	Total Population
Park Nicollet Clinic - Plymouth	416	18.0%	14.6%	22.0%	Average or Below	Total Population
Park Nicollet Clinic - Chanhassen	511	17.8%	14.7%	21.4%	Average or Below	Total Population
University of Minnesota Physicians - Phalen Clinic	298	17.8%	13.9%	22.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - West	744	17.7%	15.2%	20.7%	Average or Below	Total Population
Steven Saliterman, MD	34	17.6%	8.3%	33.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Ely	433	17.6%	14.3%	21.4%	Average or Below	Total Population
MeritCare - Jamestown	422	17.5%	14.2%	21.5%	Average or Below	Total Population
HealthPartners - North Suburban Lino Lakes	246	17.5%	13.2%	22.7%	Average or Below	Total Population
HealthPartners - St. Paul	839	17.4%	15.0%	20.1%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Superior	930	17.3%	15.0%	19.9%	Average or Below	Total Population
Quello Clinic - Burnsville	407	17.2%	13.8%	21.2%	Average or Below	Total Population
Hutchinson Medical Center	286	17.1%	13.2%	21.9%	Average or Below	Sample
Family HealthServices Minnesota - Maryland Clinic	100	17.0%	10.9%	25.5%	Average or Below	Sample
MeritCare - Black Duck	107	16.8%	10.9%	25.0%	Average or Below	Total Population
St. Mary's/Duluth Clinic - General Internal Medicine	1437	16.7%	14.9%	18.7%	Average or Below	Total Population
CentraCare - Diabetes Center	60	16.7%	9.3%	28.0%	Average or Below	Sample
CentraCare - Becker	60	16.7%	9.3%	28.0%	Average or Below	Sample
CentraCare - Heartland	60	16.7%	9.3%	28.0%	Average or Below	Sample
Luther Midelfort - Chippewa Valley	60	16.7%	9.3%	28.0%	Average or Below	Sample
Red Cedar Medical Center	60	16.7%	9.3%	28.0%	Average or Below	Sample

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
HealthEast - Rice Street	545	16.5%	13.6%	19.9%	Average or Below	Total Population
Northstar Physicians - Raiter Clinic	61	16.4%	9.2%	27.6%	Average or Below	Sample
St. Mary's/Duluth Clinic - Deer River	409	16.1%	12.9%	20.0%	Average or Below	Total Population
Fairview Rush City Clinic	236	16.1%	12.0%	21.3%	Average or Below	Total Population
Stillwater Medical Group - Curve Crest Clinic	1491	16.1%	14.3%	18.0%	Average or Below	Total Population
MeritCare - Valley City	300	16.0%	12.3%	20.6%	Average or Below	Total Population
MeritCare - Mayville	94	16.0%	9.9%	24.7%	Average or Below	Total Population
St. Joseph's Medical Center - Crosslake Family Clinic	63	15.9%	8.9%	26.8%	Average or Below	Total Population
Mankato Clinic - Main Street	120	15.8%	10.4%	23.4%	Average or Below	Sample
Winona Health - Lewiston	38	15.8%	7.4%	30.4%	Average or Below	Total Population
MeritCare - Southpointe Family Medicine	483	15.7%	12.8%	19.3%	Average or Below	Total Population
Northwest Family Physicians - Crystal office	725	15.7%	13.3%	18.6%	Average or Below	Total Population
Camden Physicians - Minneapolis	71	15.5%	8.9%	25.7%	Average or Below	Sample
University of Minnesota Physicians - Smiley's Clinic	410	15.4%	12.2%	19.2%	Average or Below	Total Population
MeritCare - South Moorhead Family Medicine	268	15.3%	11.5%	20.1%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Ashland	695	15.3%	12.8%	18.1%	Average or Below	Total Population
North Memorial Clinic - Northeast Family Physicians	165	15.2%	10.5%	21.4%	Average or Below	Total Population
Columbia Park Medical Group - Fridley Clinic	120	15.0%	9.7%	22.5%	Average or Below	Sample
Austin Medical Center	60	15.0%	8.1%	26.1%	Average or Below	Sample
Fairmont Medical Center	60	15.0%	8.1%	26.1%	Average or Below	Sample
Innovis Health - Jamestown	60	15.0%	8.1%	26.1%	Average or Below	Sample
Richfield Medical Group	60	15.0%	8.1%	26.1%	Average or Below	Sample
North Memorial Clinic - Brooklyn Park Physicians	483	14.9%	12.0%	18.4%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Lakeside	370	14.9%	11.6%	18.9%	Average or Below	Total Population
Allina Medical Clinic - Hinkley	148	14.9%	10.0%	21.5%	Average or Below	Total Population
Northstar Physicians - Duluth Family Practice Center	61	14.8%	8.0%	25.7%	Average or Below	Sample
St. Mary's/Duluth Clinic - Hermantown	640	14.5%	12.0%	17.5%	Average or Below	Total Population
Quello Clinic - Savage	153	14.4%	9.7%	20.8%	Average or Below	Total Population
Innovis Health - South University	120	14.2%	9.0%	21.5%	Average or Below	Sample
Innovis Health - Wahpeton	120	14.2%	9.0%	21.5%	Average or Below	Sample
MeritCare - Perham	325	14.2%	10.8%	18.4%	Average or Below	Total Population
Ridgeview Delano Clinic	64	14.1%	7.6%	24.6%	Average or Below	Total Population
Affiliated Community Medical Centers - Litchfield Clinic	211	13.7%	9.7%	19.0%	Average or Below	Total Population
*MeritCare - Endocrinology	248	13.7%	10.0%	18.5%	Average or Below	Total Population
Park Nicollet Clinic - Minneapolis	642	13.6%	11.1%	16.4%	Average or Below	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
Columbia Park Medical Group - Brooklyn Park Clinic	120	13.3%	8.4%	20.6%	Average or Below	Sample
Franciscan Skemp - Sparta	60	13.3%	6.9%	24.2%	Average or Below	Sample
Immanuel St. Joseph's - Madelia	60	13.3%	6.9%	24.2%	Average or Below	Sample
Innovis Health - Fosston	60	13.3%	6.9%	24.2%	Average or Below	Sample
St. Luke's Clinics - P.S. Rudie Medical Clinic	60	13.3%	6.9%	24.2%	Average or Below	Sample
Stillwater Medical Group - Somerset Clinic	106	13.2%	8.0%	21.0%	Average or Below	Total Population
MeritCare - Bemidji Family Medicine	508	13.2%	10.5%	16.4%	Average or Below	Total Population
North Memorial Clinic - Minnetonka Physicians	205	13.2%	9.2%	18.5%	Average or Below	Total Population
Innovis Health - Walker	99	13.1%	7.8%	21.2%	Average or Below	Sample
North Memorial Clinic - Elk River Physicians	160	13.1%	8.7%	19.2%	Average or Below	Total Population
St. Mary's/Duluth Clinic - International Falls	515	13.0%	10.4%	16.2%	Average or Below	Total Population
MeritCare - Thief River Falls Southeast Clinic	177	13.0%	8.8%	18.7%	Average or Below	Total Population
Bloomington Lake Clinic - Minneapolis	433	12.9%	10.1%	16.4%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Aurora	336	12.8%	9.6%	16.8%	Average or Below	Total Population
North Memorial Clinic - Brooklyn Center Physicians	157	12.7%	8.4%	18.9%	Average or Below	Total Population
HealthEast - Roselawn	354	12.7%	9.6%	16.6%	Average or Below	Total Population
Bloomington Lake Clinic - Xerxes	352	12.5%	9.4%	16.4%	Average or Below	Total Population
Columbia Park Medical Group - Blaine Clinic	120	12.5%	7.7%	19.6%	Average or Below	Sample
Columbia Park Medical Group - Columbia Heights Clinic	120	12.5%	7.7%	19.6%	Average or Below	Sample
Glencoe Regional Health Services	120	12.5%	7.7%	19.6%	Average or Below	Total Population
Family Medical Center - Community Medical Center Pierz	48	12.5%	5.9%	24.7%	Average or Below	Sample
North Memorial Clinic - Golden Valley Physicians	353	12.5%	9.4%	16.3%	Average or Below	Total Population
Stevens Community Medical Center	122	12.3%	7.6%	19.3%	Average or Below	Sample
Buffalo Clinic - Monticello	66	12.1%	6.3%	22.1%	Average or Below	Sample
Northwest Family Physicans - Plymouth office	249	12.0%	8.6%	16.7%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Virginia	707	11.9%	9.7%	14.5%	Average or Below	Total Population
Innovis Health - Detroit Lakes	120	11.7%	7.1%	18.6%	Average or Below	Sample
Aspen Medical Group - Bandana Square	60	11.7%	5.8%	22.2%	Average or Below	Sample
Cannon Falls Medical Center	60	11.7%	5.8%	22.2%	Average or Below	Sample
Lake City	60	11.7%	5.8%	22.2%	Average or Below	Sample
Owatonna Clinic	60	11.7%	5.8%	22.2%	Average or Below	Sample
Parkway Family Physicians	60	11.7%	5.8%	22.2%	Average or Below	Sample
St. Luke's Clinics - Denfeld	60	11.7%	5.8%	22.2%	Average or Below	Sample
St. Luke's Clinics - Miller Creek	60	11.7%	5.8%	22.2%	Average or Below	Sample
Ridgeview Winsted Clinic	61	11.5%	5.7%	21.8%	Average or Below	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
MeritCare - Detroit Lakes	480	11.5%	8.9%	14.6%	Average or Below	Total Population
MeritCare - East Grand Forks	236	11.4%	8.0%	16.1%	Average or Below	Total Population
Aspen Medical Group - Bloomington	45	11.1%	4.8%	23.5%	Average or Below	Total Population
MeritCare - West Fargo	528	11.0%	8.6%	13.9%	Average or Below	Total Population
MeritCare - Walker	156	10.9%	6.9%	16.8%	Average or Below	Total Population
Innovis Health - Park Rapids	120	10.8%	6.4%	17.7%	Average or Below	Sample
Buffalo Clinic - St. Michael Clinic in Albertville	121	10.7%	6.4%	17.5%	Average or Below	Sample
Aspen Medical Group - Maplewood	66	10.6%	5.2%	20.3%	Average or Below	Sample
*University of Minnesota Physicians - Medicine 6 Clinic, Endocrine	265	10.6%	7.4%	14.8%	Average or Below	Sample
MeritCare - Hillsboro	107	10.3%	5.8%	17.5%	Average or Below	Total Population
Hennepin Faculty Associates - Hennepin Center for Senior Care	39	10.3%	4.1%	23.6%	Average or Below	Total Population
Brainerd Medical Center	200	10.0%	6.6%	14.9%	Average or Below	Sample
Alexandria Clinic	120	10.0%	5.8%	16.7%	Average or Below	Sample
Columbia Park Medical Group - Andover Clinic	120	10.0%	5.8%	16.7%	Average or Below	Sample
Family Medical Center - Little Falls	120	10.0%	5.8%	16.7%	Average or Below	Sample
Innovis Health - Valley City	60	10.0%	4.7%	20.1%	Average or Below	Sample
Innovis Health - West Acres	60	10.0%	4.7%	20.1%	Average or Below	Sample
Lakeview Clinic - Watertown	60	10.0%	4.7%	20.1%	Average or Below	Sample
Luther Midelfort - Eau Claire	60	10.0%	4.7%	20.1%	Average or Below	Sample
Mankato Clinic - Daniel's Health Center	60	10.0%	4.7%	20.1%	Average or Below	Sample
St. Luke's Clinics - Bay Area	60	10.0%	4.7%	20.1%	Average or Below	Sample
St. Luke's Clinics - Internal Medicine Associates	60	10.0%	4.7%	20.1%	Average or Below	Sample
St. Luke's Clinics - Laurentian	60	10.0%	4.7%	20.1%	Average or Below	Sample
Paynesville Eastside Medical Clinic	30	10.0%	3.5%	25.6%	Average or Below	Total Population
University of Minnesota Physicians - Bethesda Clinic	389	9.8%	7.2%	13.1%	Average or Below	Total Population
Multicare Associates - Blaine Medical Center	546	9.7%	7.5%	12.5%	Average or Below	Total Population
MeritCare - Twin Valley	62	9.7%	4.5%	19.5%	Average or Below	Total Population
*Park Nicollet Clinic - St. Louis Park Endocrinology	2942	9.1%	8.1%	10.2%	Average or Below	Total Population
MeritCare - Wahpeton	371	8.9%	6.4%	12.2%	Average or Below	Total Population
Buffalo Clinic - Buffalo	137	8.8%	5.1%	14.7%	Average or Below	Sample
Renville County Hospital and Clinics - Renville	58	8.6%	3.7%	18.6%	Average or Below	Total Population
Ridgeview Westonka Clinic	373	8.6%	6.1%	11.9%	Average or Below	Total Population
Renville County Hospital and Clinics - Hector	72	8.3%	3.9%	17.0%	Average or Below	Total Population
Albert Lea Medical Center	60	8.3%	3.6%	18.1%	Average or Below	Sample
Aspen Medical Group - Highland	60	8.3%	3.6%	18.1%	Average or Below	Sample

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
Aspen Medical Group - White Bear Lake	60	8.3%	3.6%	18.1%	Average or Below	Sample
Edina Family Physicians	60	8.3%	3.6%	18.1%	Average or Below	Sample
Franciscan Skemp - Arcadia	60	8.3%	3.6%	18.1%	Average or Below	Sample
Fremont Community Health Services - Central Avenue Clinic	60	8.3%	3.6%	18.1%	Average or Below	Sample
Immanuel St. Joseph's - St. James	60	8.3%	3.6%	18.1%	Average or Below	Sample
Immanuel St. Joseph's - Waseca	60	8.3%	3.6%	18.1%	Average or Below	Sample
North Clinic - Osseo Office	60	8.3%	3.6%	18.1%	Average or Below	Sample
Silver Lake Clinic - Shoreview	60	8.3%	3.6%	18.1%	Average or Below	Sample
Silver Lake Clinic - St. Anthony	60	8.3%	3.6%	18.1%	Average or Below	Sample
St. Luke's Clinics - Hibbing Family Medical Clinic	60	8.3%	3.6%	18.1%	Average or Below	Sample
Multicare Associates - Roseville Medical Center	147	8.2%	4.7%	13.7%	Average or Below	Total Population
Edina Sports Health & Wellness	166	7.8%	4.6%	12.9%	Average or Below	Total Population
Innovis Health - Menahga	64	7.8%	3.4%	17.0%	Average or Below	Sample
Multicare Associates - Fridley Medical Center	869	7.7%	6.1%	9.7%	Average or Below	Total Population
MeritCare - Cass Lake	55	7.3%	2.9%	17.3%	Average or Below	Total Population
St. Joseph's Medical Center - Pillager Family Clinic	57	7.0%	2.8%	16.7%	Average or Below	Total Population
Hennepin Faculty Associates - Hennepin Care South Clinic	201	7.0%	4.2%	11.4%	Average or Below	Total Population
St. Joseph's Medical Center - Pine River Family Clinic	188	6.9%	4.1%	11.5%	Average or Below	Total Population
St. Joseph's Medical Center - Pequot Family Clinic	73	6.8%	3.0%	15.1%	Average or Below	Total Population
Renville County Hospital and Clinics - Olivia	147	6.8%	3.7%	12.1%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Chisholm	74	6.8%	2.9%	14.9%	Average or Below	Total Population
Hennepin Faculty Associates - HFA Internal Medicine Clinic	330	6.7%	4.4%	9.9%	Average or Below	Total Population
North Clinic - Maple Grove Office	60	6.7%	2.6%	15.9%	Average or Below	Sample
North Clinic - Oakdale Office in Robbinsdale	60	6.7%	2.6%	15.9%	Average or Below	Sample
North Clinic - WestHealth Office in Plymouth	60	6.7%	2.6%	15.9%	Average or Below	Sample
Riverside Family Physicians	60	6.7%	2.6%	15.9%	Average or Below	Sample
St. Luke's Clinics - Chequamegon Clinic	60	6.7%	2.6%	15.9%	Average or Below	Sample
*St. Luke's Clinics - Endocrinology Associates	60	6.7%	2.6%	15.9%	Average or Below	Sample
St. Luke's Clinics - Mariner Medical Clinic	60	6.7%	2.6%	15.9%	Average or Below	Sample
St. Luke's Clinics - Mount Royal	60	6.7%	2.6%	15.9%	Average or Below	Sample
United Family Medicine	60	6.7%	2.6%	15.9%	Average or Below	Sample
New Spirit Women's Clinic	62	6.5%	2.5%	15.4%	Average or Below	Sample
University of Minnesota Physicians - Broadway Family Medicine	438	6.4%	4.5%	9.1%	Average or Below	Total Population
Hennepin Faculty Associates - Hennepin Care North Clinic	159	6.3%	3.5%	11.2%	Average or Below	Total Population
MeritCare - Bemidji North	112	6.3%	3.1%	12.3%	Average or Below	Total Population

Optimal Diabetes Care (Clinic Level Results)

Clinic Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		18.9%	18.7%	19.1%		
Northstar Physicians - Central Lakes Medical Clinic	96	6.3%	2.9%	13.0%	Average or Below	Sample
Ridgeview Howard Lake Clinic	52	5.8%	2.0%	15.6%	Average or Below	Total Population
Hennepin Faculty Associates - HCMC Family Medical Center	568	5.6%	4.0%	7.8%	Average or Below	Total Population
Family Medicine of Winona	409	5.6%	3.8%	8.3%	Average or Below	Total Population
MeritCare - Pelican Rapids	89	5.6%	2.4%	12.5%	Average or Below	Total Population
Northstar Physicians - North Woods Community Health Center in Minong	38	5.3%	1.5%	17.3%	Average or Below	Total Population
Hennepin Faculty Associates - Hennepin Family Care East Lake Clinic	216	5.1%	2.9%	8.9%	Average or Below	Total Population
Consultants Internal Medicine	60	5.0%	1.7%	13.7%	Average or Below	Sample
Fremont Community Health Services - Fremont Clinic	60	5.0%	1.7%	13.7%	Average or Below	Sample
Innovis Health - West Fargo	60	5.0%	1.7%	13.7%	Average or Below	Sample
Paynesville Medical Clinic	287	4.9%	2.9%	8.0%	Average or Below	Total Population
Paynesville Richmond Medical Clinic	123	4.9%	2.3%	10.2%	Average or Below	Total Population
Aspen Medical Group - Inver Grove Heights	63	4.8%	1.6%	13.1%	Average or Below	Sample
Northstar Physicians - Iron Range Clinic	64	4.7%	1.6%	12.9%	Average or Below	Sample
Healing Spirit Clinic	43	4.7%	1.3%	15.5%	Average or Below	Sample
Northstar Physicians - North Woods Community Health Center in Hayward	45	4.4%	1.2%	14.8%	Average or Below	Total Population
Community-University Health Care Center	70	4.3%	1.5%	11.9%	Average or Below	Total Population
Stevens Community Medical Center - Starbuck Clinic	48	4.2%	1.2%	14.0%	Average or Below	Total Population
*Hennepin Faculty Associates - HCMC Center for Diabetes & Endocrinology	864	3.7%	2.6%	5.2%	Average or Below	Total Population
Aspen Medical Group - Hopkins	54	3.7%	1.0%	12.5%	Average or Below	Total Population
MeritCare - New York Mills	138	3.6%	1.6%	8.2%	Average or Below	Total Population
Hennepin Faculty Associates - HCMC Medicine Clinic	1404	3.4%	2.6%	4.5%	Average or Below	Total Population
Paynesville Watkins Medical Clinic	59	3.4%	0.9%	11.5%	Average or Below	Total Population
St. Luke's Clinics - Duluth Internal Medicine Associates	60	3.3%	0.9%	11.4%	Average or Below	Sample
Ridgeview Excelsior Clinic	64	3.1%	0.9%	10.7%	Average or Below	Total Population
Carlos Fernandez MD Clinic	32	3.1%	0.6%	15.7%	Average or Below	Sample
Aspen Medical Group - East Lake Street	65	3.1%	0.8%	10.5%	Average or Below	Sample
Lakeville Integrative Medicine Clinic	36	2.8%	0.5%	14.2%	Average or Below	Total Population
St. Joseph's Medical Center - Pierz Family Clinic	40	2.5%	0.4%	12.9%	Average or Below	Total Population
Northstar Physicians - Lake Superior Internal Medicine	42	2.4%	0.4%	12.3%	Average or Below	Total Population
Northstar Physicians - Longville Lakes Clinic	43	2.3%	0.4%	12.1%	Average or Below	Total Population
MeritCare - Hawley	47	2.1%	0.4%	11.1%	Average or Below	Total Population
Johnson Street Medical Clinic	101	2.0%	0.5%	6.9%	Average or Below	Sample
Paynesville Eden Valley Medical Clinic	62	1.6%	0.3%	8.6%	Average or Below	Total Population
MeritCare - Enderlin	33	0.0%	0.0%	10.4%	Average or Below	Total Population
Paynesville Chain of Lakes Medical Clinic	48	0.0%	0.0%	7.4%	Average or Below	Total Population

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Optimal Diabetes Care (Clinic Level Results by Medical Group)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Medical Group Average		18.9%	18.7%	19.1%		
Apple Valley Medical Clinic	876	44.3%	41.0%	47.6%	Above	Total Population
Southdale Internal Medicine	60	40.0%	28.6%	52.6%	Above	Sample
France Avenue Family Physicians	344	32.3%	27.5%	37.4%	Above	Total Population
Allina Medical Clinic	17837	28.7%	28.1%	29.4%	Above	Total Population
Fairview Health Services	11410	28.3%	27.4%	29.1%	Above	Total Population
Family Practice Medical Center of Willmar	451	27.7%	23.8%	32.0%	Above	Total Population
Western Wisconsin Medical Associates	420	27.7%	23.6%	32.2%	Above	Sample
HealthPartners Medical Group	12913	25.2%	24.4%	25.9%	Above	Total Population
Family HealthServices Minnesota	1300	25.1%	22.8%	27.5%	Above	Sample
Mayo Clinic	360	23.0%	18.9%	27.6%	Above	Sample
HealthEast	4727	23.0%	21.8%	24.2%	Above	Total Population
Affiliated Community Medical Centers	3484	22.9%	21.6%	24.4%	Above	Total Population
Lakeview Clinic	240	22.6%	17.8%	28.3%	Average or Below	Sample
Burnsville Family Physicians	259	22.4%	17.7%	27.9%	Average or Below	Total Population
AALFA Family Clinic	60	21.7%	13.1%	33.6%	Average or Below	Sample
St. Cloud Medical Group	240	21.6%	16.8%	27.2%	Average or Below	Sample
Quello Clinic	1423	21.3%	19.2%	23.5%	Above	Total Population
CentraCare Health System	540	20.9%	17.7%	24.6%	Average or Below	Sample
Winona Health	218	19.6%	14.9%	25.4%	Average or Below	Mixed
Camden Physicians	193	19.6%	14.6%	25.7%	Average or Below	Sample
Park Nicollet Health Services	13336	19.2%	18.5%	19.8%	Average or Below	Total Population
HealthPartners Central Minnesota Clinics	879	18.7%	16.2%	21.4%	Average or Below	Total Population
Mankato Clinic	420	18.2%	14.8%	22.2%	Average or Below	Sample
Steven Saliterman, MD	34	17.6%	8.3%	33.5%	Average or Below	Total Population
Hutchinson Medical Center	286	17.1%	13.2%	21.9%	Average or Below	Sample
St. Mary's/Duluth Clinic Health System	8832	16.6%	15.9%	17.4%	Average or Below	Total Population
Stillwater Medical Group	1597	15.9%	14.2%	17.8%	Average or Below	Total Population
Northwest Family Physicians	1210	15.9%	13.9%	18.0%	Average or Below	Total Population
Mayo Health System	1620	15.7%	14.0%	17.5%	Average or Below	Sample
MeritCare	8474	15.1%	14.4%	15.9%	Average or Below	Total Population
Richfield Medical Group	60	15.0%	8.1%	26.1%	Average or Below	Sample
North Memorial Clinic	1925	14.9%	13.4%	16.6%	Average or Below	Total Population
Northstar Physicians	512	13.8%	11.1%	17.1%	Average or Below	Mixed
University of Minnesota Physicians	2307	13.1%	11.8%	14.5%	Average or Below	Mixed
Columbia Park Medical Group	600	13.0%	10.5%	15.9%	Average or Below	Sample
Bloomington Lake Clinic	785	12.7%	10.6%	15.3%	Average or Below	Total Population
Innovis Health	1095	12.6%	10.7%	14.6%	Average or Below	Sample
Glencoe Regional Health Services	120	12.5%	7.7%	19.6%	Average or Below	Total Population

Optimal Diabetes Care (Clinic Level Results by Medical Group)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Medical Group Average		18.9%	18.7%	19.1%		
Ridgeview Clinics	824	12.1%	10.1%	14.5%	Average or Below	Total Population
Parkway Family Physicians	60	11.7%	5.8%	22.2%	Average or Below	Sample
Stevens Community Medical Center	170	11.0%	7.1%	16.5%	Average or Below	Mixed
Buffalo Clinic	324	10.2%	7.4%	14.0%	Average or Below	Sample
Family Medical Center	168	10.2%	6.5%	15.7%	Average or Below	Sample
Brainerd Medical Center	200	10.0%	6.6%	14.9%	Average or Below	Sample
Alexandria Clinic	120	10.0%	5.8%	16.7%	Average or Below	Sample
Aspen Medical Group	473	8.7%	6.4%	11.5%	Average or Below	Mixed
St. Luke's Clinics	720	8.5%	6.7%	10.8%	Average or Below	Sample
Multicare Associates	1562	8.5%	7.2%	9.9%	Average or Below	Total Population
Silver Lake Clinic	120	8.3%	4.6%	14.7%	Average or Below	Sample
Edina Family Physicians	60	8.3%	3.6%	18.1%	Average or Below	Sample
St. Joseph's Medical Center	421	7.8%	5.6%	10.8%	Average or Below	Total Population
Edina Sports Health & Wellness	166	7.8%	4.6%	12.9%	Average or Below	Total Population
Renville County Hospital and Clinics	277	7.6%	5.0%	11.3%	Average or Below	Total Population
North Clinic	240	7.1%	4.5%	11.0%	Average or Below	Sample
Riverside Family Physicians	60	6.7%	2.6%	15.9%	Average or Below	Sample
United Family Medicine	60	6.7%	2.6%	15.9%	Average or Below	Sample
Fremont Community Health Services	123	6.6%	3.4%	12.5%	Average or Below	Sample
New Spirit Women's Clinic	62	6.5%	2.5%	15.4%	Average or Below	Sample
Family Medicine of Winona	409	5.6%	3.8%	8.3%	Average or Below	Total Population
Consultants Internal Medicine	60	5.0%	1.7%	13.7%	Average or Below	Sample
Healing Spirit Clinic	43	4.7%	1.3%	15.5%	Average or Below	Sample
Hennepin Faculty Associates	3786	4.6%	4.0%	5.3%	Average or Below	Total Population
Community-University Health Care Center	70	4.3%	1.5%	11.9%	Average or Below	Total Population
Paynesville Area Health System	625	4.2%	2.9%	6.0%	Average or Below	Total Population
Carlos Fernandez MD Clinic	32	3.1%	0.6%	15.7%	Average or Below	Sample
Lakeville Integrative Medicine Clinic	36	2.8%	0.5%	14.2%	Average or Below	Total Population
Johnson Street Medical Clinic	101	2.0%	0.5%	6.9%	Average or Below	Sample

Optimal Diabetes Care (Medical Group Level Results)

Medical Group Name (* = Endocrinology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample ⁻
Medical Group Average		16.8%	16.0%	17.6%		
Minnesota Rural Health Cooperative	142	24.4%	18.1%	32.1%	Above	Sample
Allina Health System	129	17.4%	11.8%	24.8%	Average or Below	Sample
*MN Center For Obesity Metabolism & Endo.	64	15.0%	8.3%	25.7%	Average or Below	Sample
Grand Itasca Clinic	63	11.3%	5.6%	21.4%	Average or Below	Sample
Fairview Mesaba Clinic	62	10.4%	5.0%	20.4%	Average or Below	Sample
Foley Medical Center	63	10.3%	4.9%	20.2%	Average or Below	Sample
St. Croix Regional Medical Center	61	9.8%	4.6%	19.8%	Average or Below	Sample
Amery Regional Medical Center	63	8.7%	3.9%	18.3%	Average or Below	Sample
Gundersen Clinic	63	7.3%	3.1%	16.5%	Average or Below	Sample
*Endocrinology Clinic Of Mpls.	63	6.9%	2.8%	15.9%	Average or Below	Sample
Olmsted Medical Center	72	6.3%	2.6%	14.4%	Average or Below	Sample
Mille Lacs Clinics	64	6.1%	2.4%	14.8%	Average or Below	Sample
Osceola Medical Center	63	4.7%	1.6%	13.1%	Average or Below	Sample
Central Lakes Medical Clinic	60	4.3%	1.4%	12.7%	Average or Below	Sample
*Mark P. Stesin, MD	63	4.2%	1.4%	12.4%	Average or Below	Sample
NorthPoint Health And Wellness Center	60	3.1%	0.8%	11.0%	Average or Below	Sample
Neighborhood Health Care Network	185	2.8%	1.2%	6.3%	Average or Below	Sample
Riverwood Aitkin Clinic	65	2.5%	0.6%	9.7%	Average or Below	Sample
Lakewood Health System	79	2.3%	0.6%	8.5%	Average or Below	Sample
Avera Health/Avera Tri-State	69	2.1%	0.5%	8.7%	Average or Below	Sample
Wadena Medical Center	63	1.9%	0.4%	9.0%	Average or Below	Sample
Broadway Medical Center	63	1.9%	0.4%	8.9%	Average or Below	Sample
Fergus Falls Medical Group	62	1.8%	0.4%	8.9%	Average or Below	Sample
Sanford Clinic	63	0.0%	0.0%	5.8%	Average or Below	Sample

- Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Quello Clinic - Eden Prairie	33	60.6%	43.7%	75.3%	Above	Total Population
Fairview Oxboro Clinic	395	60.0%	55.1%	64.7%	Above	Total Population
HealthPartners - Arden Hills	157	56.7%	48.9%	64.2%	Above	Total Population
St. Cloud Medical Group - Cold Spring Medical Clinic	41	56.1%	41.0%	70.1%	Above	Total Population
Fairview Hugo Clinic	34	55.9%	39.5%	71.1%	Above	Total Population
Fairview Jonathan Clinic	54	55.6%	42.4%	68.0%	Above	Total Population
Allina Medical Clinic - Isles	65	55.4%	43.3%	66.8%	Above	Total Population
Allina Medical Clinic - Litchfield	132	54.5%	46.0%	62.8%	Above	Total Population
Allina Medical Clinic - Nicollet Mall	169	53.8%	46.3%	61.2%	Above	Total Population
Fairview North Branch Clinic	112	53.6%	44.4%	62.5%	Above	Total Population
Fairview Ridges Clinic	305	53.4%	47.8%	59.0%	Above	Total Population
*St. Paul Heart Clinic - Downtown	60	53.3%	40.9%	65.4%	Above	Sample
HealthPartners - Apple Valley	79	53.2%	42.3%	63.8%	Above	Total Population
HealthEast - Midway	213	53.1%	46.4%	59.6%	Above	Total Population
Family HealthServices Minnesota - Woodbury Office	63	52.4%	40.3%	64.2%	Above	Sample
Park Nicollet Clinic - Golden Valley	264	52.3%	46.3%	58.2%	Above	Total Population
*St. Paul Heart Clinic - Maplewood	60	51.7%	39.3%	63.8%	Above	Sample
Western Wisconsin Medical Associates - New Richmond Clinic	60	51.7%	39.3%	63.8%	Above	Total Population
Immanuel St. Joseph's - Le Sueur	33	51.5%	35.2%	67.5%	Above	Total Population
Fairview RidgeValley Clinic	138	51.4%	43.2%	59.6%	Above	Total Population
Park Nicollet Clinic - Prairie Center	107	51.4%	42.0%	60.7%	Above	Total Population
Family HealthServices Minnesota - Banning Avenue Office	119	51.3%	42.4%	60.1%	Above	Sample
HealthPartners - West	123	51.2%	42.5%	59.9%	Above	Total Population
Fairview Eagan Clinic	166	51.2%	43.7%	58.7%	Above	Total Population
Family HealthServices Minnesota - White Bear Office	114	50.9%	41.8%	59.9%	Above	Total Population
Allina Medical Clinic - West Health Campus	164	50.6%	43.0%	58.2%	Above	Total Population
Allina Medical Clinic - Northfield	253	50.6%	44.5%	56.7%	Above	Total Population
Allina Medical Clinic - Buffalo	194	50.5%	43.5%	57.5%	Above	Total Population
Allina Medical Clinic - The Doctors Uptown	84	50.0%	39.5%	60.5%	Above	Total Population
HealthPartners - Inver Grove Heights	91	49.5%	39.4%	59.5%	Above	Total Population
Family HealthServices Minnesota - Afton Road	150	49.3%	41.4%	57.3%	Above	Total Population
North Memorial Clinic - Brooklyn Center Physicians	41	48.8%	34.3%	63.5%	Above	Total Population
Family HealthServices Minnesota - Woodlane Family Practice	37	48.6%	33.4%	64.1%	Average or Below	Total Population
Family HealthServices Minnesota - Inver Grove Heights	211	48.3%	41.7%	55.1%	Above	Total Population
Immanuel St. Joseph's - Mankato Specialty Clinic	60	48.3%	36.2%	60.7%	Above	Sample
Park Nicollet Clinic - St. Louis Park Internal Medicine	503	48.3%	44.0%	52.7%	Above	Total Population

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Allina Medical Clinic - Farmington	49	42.9%	30.0%	56.7%	Average or Below	Total Population
Allina Medical Clinic - Faribault	285	42.8%	37.2%	48.6%	Above	Total Population
Family HealthServices Minnesota - North St. Paul Clinic	216	42.6%	36.2%	49.3%	Above	Sample
Allina Medical Clinic - Woodbury	249	42.6%	36.6%	48.8%	Above	Total Population
Steven Saliterman, MD	47	42.6%	29.5%	56.7%	Average or Below	Total Population
Family HealthServices Minnesota - Vadnais Heights Office	106	42.5%	33.5%	52.0%	Average or Below	Total Population
HealthPartners - Coon Rapids	245	42.4%	36.4%	48.7%	Above	Total Population
HealthPartners - Woodbury	242	42.1%	36.1%	48.4%	Above	Total Population
HealthPartners Central Minnesota Clinics - St. Cloud	210	41.9%	35.4%	48.7%	Above	Total Population
Park Nicollet Clinic - Carlson	358	41.9%	36.9%	47.1%	Above	Total Population
HealthEast - Downtown St. Paul	327	41.9%	36.7%	47.3%	Above	Total Population
HealthPartners - Maplewood	141	41.8%	34.0%	50.1%	Above	Total Population
Allina Medical Clinic - Forest Lake	319	41.7%	36.4%	47.2%	Above	Total Population
University of Minnesota Physicians - Primary Care Center	192	41.7%	34.9%	48.7%	Above	Total Population
Allina Medical Clinic - Maple Grove	60	41.7%	30.1%	54.3%	Average or Below	Total Population
Camden Physicians - Plymouth	60	41.7%	30.1%	54.3%	Average or Below	Sample
Cannon Valley Clinic	60	41.7%	30.1%	54.3%	Average or Below	Sample
CentraCare - St. Joseph	60	41.7%	30.1%	54.3%	Average or Below	Sample
CentraCare - Melrose	60	41.7%	30.1%	54.3%	Average or Below	Sample
Innovis Health - Lisbon	60	41.7%	30.1%	54.3%	Average or Below	Sample
Lakeview Clinic - Chaska	60	41.7%	30.1%	54.3%	Average or Below	Sample
St. Cloud Medical Group - Northwest	60	41.7%	30.1%	54.3%	Average or Below	Sample
*St. Paul Heart Clinic - Lakeview Heart Center	60	41.7%	30.1%	54.3%	Average or Below	Sample
Park Nicollet Clinic - Eagan	171	41.5%	34.4%	49.0%	Above	Total Population
HealthPartners - Regions Heart Center	958	41.4%	38.4%	44.6%	Above	Total Population
Quello Clinic - Lakeville	146	41.1%	33.4%	49.2%	Average or Below	Total Population
Camden Physicians - Minneapolis	61	41.0%	29.5%	53.5%	Average or Below	Sample
HealthPartners - Health Center for Women	49	40.8%	28.2%	54.8%	Average or Below	Total Population
Park Nicollet Clinic - Maple Grove	140	40.7%	32.9%	49.0%	Average or Below	Total Population
Allina Medical Clinic - Shoreview	212	40.6%	34.2%	47.3%	Above	Total Population
Allina Medical Clinic - Hastings (W First St)	223	40.4%	34.1%	46.9%	Above	Total Population
HealthPartners - RiverWay Andover	212	40.1%	33.7%	46.8%	Average or Below	Total Population
Austin Medical Center	60	40.0%	28.6%	52.6%	Average or Below	Sample
Lakeview Clinic - Waconia	60	40.0%	28.6%	52.6%	Average or Below	Sample
St. Cloud Medical Group - South	60	40.0%	28.6%	52.6%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Family HealthServices Minnesota - Larpenteur Office	116	48.3%	39.4%	57.3%	Above	Sample
Park Nicollet Clinic - Minnetonka	85	48.2%	37.9%	58.7%	Above	Total Population
Family HealthServices Minnesota - Shoreview	73	47.9%	36.9%	59.2%	Above	Sample
Allina Medical Clinic - Elk River	76	47.4%	36.5%	58.4%	Above	Total Population
Allina Medical Clinic - Eagan	93	47.3%	37.5%	57.4%	Above	Total Population
Fairview Crosstown Clinic	179	46.9%	39.8%	54.2%	Above	Total Population
St. Cloud Medical Group - Clearwater Medical Clinic	79	46.8%	36.2%	57.7%	Above	Total Population
Richfield Medical Group	60	46.7%	34.6%	59.1%	Above	Sample
Western Wisconsin Medical Associates - Ellsworth Medical Clinic	60	46.7%	34.6%	59.1%	Above	Sample
Family HealthServices Minnesota - Highland Family Physicians	108	46.3%	37.2%	55.7%	Above	Sample
Allina Medical Clinic - West St. Paul	262	46.2%	40.2%	52.2%	Above	Total Population
Family HealthServices Minnesota - Gorman Clinic	165	46.1%	38.6%	53.7%	Above	Sample
Fairview CedarRidge Clinic	137	46.0%	37.9%	54.3%	Above	Total Population
Allina Medical Clinic - Ramsey	181	45.9%	38.8%	53.1%	Above	Total Population
HealthPartners - Como	274	45.6%	39.8%	51.5%	Above	Total Population
Park Nicollet Clinic - Wayzata	247	45.3%	39.3%	51.6%	Above	Total Population
Allina Medical Clinic - Hastings (Nininger)	139	45.3%	37.3%	53.6%	Above	Total Population
Allina Medical Clinic - Coon Rapids	871	45.0%	41.7%	48.3%	Above	Total Population
Immanuel St. Joseph's - Mankato Eastridge	60	45.0%	33.1%	57.5%	Average or Below	Sample
HealthEast - Cottage Grove	210	44.8%	38.2%	51.5%	Above	Total Population
HealthPartners - Riverside	398	44.5%	39.7%	49.4%	Above	Total Population
HealthEast - Woodbury	252	44.4%	38.4%	50.6%	Above	Total Population
HealthPartners - North Suburban Roseville	108	44.4%	35.4%	53.8%	Above	Total Population
HealthPartners - Bloomington	166	44.0%	36.6%	51.6%	Above	Total Population
France Avenue Family Physicians	87	43.7%	33.7%	54.1%	Average or Below	Total Population
Fairview Northeast Clinic	133	43.6%	35.5%	52.1%	Above	Total Population
Allina Medical Clinic - Champlin	106	43.4%	34.4%	52.9%	Above	Total Population
Immanuel St. Joseph's - Mankato Northridge	60	43.3%	31.6%	55.9%	Average or Below	Sample
Southdale Internal Medicine, P.A.	60	43.3%	31.6%	55.9%	Average or Below	Sample
Park Nicollet Clinic - Chanhassen	229	43.2%	37.0%	49.7%	Above	Total Population
HealthPartners - Brooklyn Center	250	43.2%	37.2%	49.4%	Above	Total Population
Allina Medical Clinic - Woodlake	394	43.1%	38.3%	48.1%	Above	Total Population
HealthPartners - RiverWay Anoka	210	42.9%	36.4%	49.6%	Above	Total Population
Allina Medical Clinic - Shakopee	154	42.9%	35.3%	50.8%	Above	Total Population
Quello Clinic - Centennial Lakes	126	42.9%	34.6%	51.6%	Above	Total Population

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Affiliated Community Medical Centers - Willmar Clinic	246	39.8%	33.9%	46.1%	Above	Total Population
Park Nicollet Clinic - Bloomington	237	39.7%	33.6%	46.0%	Average or Below	Total Population
Park Nicollet Clinic - Burnsville	343	39.7%	34.6%	44.9%	Above	Total Population
Apple Valley Medical Clinic	200	39.5%	33.0%	46.4%	Average or Below	Total Population
Fairview Elk River Clinic	132	39.4%	31.5%	47.9%	Average or Below	Total Population
Western Wisconsin Medical Associates - River Falls Medical Clinic	120	39.2%	30.9%	48.1%	Average or Below	Sample
Western Wisconsin Medical Associates - Spring Valley Medical Clinic	46	39.1%	26.4%	53.5%	Average or Below	Sample
Park Nicollet Clinic - St. Louis Park Family Medicine	365	38.9%	34.0%	44.0%	Above	Total Population
Fairview Chisago Lakes Clinic	103	38.8%	30.0%	48.5%	Average or Below	Total Population
HealthPartners - St. Paul	183	38.8%	32.0%	46.0%	Average or Below	Total Population
Allina Medical Clinic - Cottage Grove	207	38.6%	32.3%	45.4%	Average or Below	Total Population
MeritCare - Preventive Cardiology	293	38.6%	33.2%	44.3%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Hayward	260	38.5%	32.8%	44.5%	Average or Below	Total Population
CentraCare - Internal Medicine River Campus	60	38.3%	27.1%	51.0%	Average or Below	Sample
Owatonna Clinic	60	38.3%	27.1%	51.0%	Average or Below	Sample
Wabasha Clinic	60	38.3%	27.1%	51.0%	Average or Below	Sample
Fairview Hiawatha Clinic	144	38.2%	30.7%	46.3%	Average or Below	Total Population
Northwest Family Physicians - Rogers office	63	38.1%	27.1%	50.4%	Average or Below	Total Population
Affiliated Community Medical Centers - Marshall Clinic	250	38.0%	32.2%	44.2%	Average or Below	Total Population
Franciscan Skemp - LaCrescent	45	37.8%	25.1%	52.4%	Average or Below	Total Population
St. Mary's/Duluth Clinic - General Internal Medicine	589	37.5%	33.7%	41.5%	Average or Below	Total Population
Allina Medical Clinic - Edina	187	37.4%	30.8%	44.6%	Average or Below	Total Population
HealthEast - Vadnais Heights	97	37.1%	28.2%	47.0%	Average or Below	Total Population
HealthPartners - Health Specialty Center	351	37.0%	32.2%	42.2%	Average or Below	Total Population
Columbia Park Medical Group - Andover Clinic	73	37.0%	26.8%	48.5%	Average or Below	Sample
HealthPartners - RiverWay Elk River	73	37.0%	26.8%	48.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Ashland	301	36.9%	31.6%	42.5%	Average or Below	Total Population
Fairview EdenCenter Clinic	117	36.8%	28.6%	45.8%	Average or Below	Total Population
Family Practice Medical Center of Willmar	180	36.7%	30.0%	43.9%	Average or Below	Total Population
CentraCare - Internal Medicine Plaza	60	36.7%	25.6%	49.3%	Average or Below	Sample
St. Mary's/Duluth Clinic - Hibbing	202	36.6%	30.3%	43.5%	Average or Below	Total Population
Fairview Red Wing Medical Center	473	36.6%	32.4%	41.0%	Average or Below	Total Population
Park Nicollet Clinic - Plymouth	202	36.1%	29.8%	43.0%	Average or Below	Total Population
Fairview Milaca Clinic	64	35.9%	25.3%	48.2%	Average or Below	Total Population
Family HealthServices Minnesota - Maryland Clinic	109	35.8%	27.4%	45.1%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
St. Mary's/Duluth Clinic - Lakeside	121	35.5%	27.6%	44.4%	Average or Below	Total Population
Fairview Lakes Medical Center	500	35.4%	31.3%	39.7%	Average or Below	Total Population
Park Nicollet Clinic - Hopkins	249	35.3%	29.7%	41.5%	Average or Below	Total Population
Fairview Highland Park Clinic	108	35.2%	26.8%	44.6%	Average or Below	Total Population
Altru Health System - Family Medicine Center	60	35.0%	24.2%	47.6%	Average or Below	Sample
Immanuel St. Joseph's - Springfield	60	35.0%	24.2%	47.6%	Average or Below	Sample
Immanuel St. Joseph's - Waseca	60	35.0%	24.2%	47.6%	Average or Below	Sample
Mankato Clinic - Mapleton	43	34.9%	22.4%	49.8%	Average or Below	Total Population
Altru Health System - Cavalier	46	34.8%	22.7%	49.2%	Average or Below	Sample
HealthEast - Maplewood	121	34.7%	26.8%	43.5%	Average or Below	Total Population
Fairview Princeton Clinic	271	34.7%	29.3%	40.5%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Hermantown	233	34.3%	28.5%	40.6%	Average or Below	Total Population
Mankato Clinic - Daniel's Health Center	35	34.3%	20.8%	50.8%	Average or Below	Total Population
Park Nicollet Clinic - Shakopee	190	34.2%	27.8%	41.2%	Average or Below	Total Population
Affiliated Community Medical Centers - Redwood Falls Clinic	167	34.1%	27.4%	41.6%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Spooner	153	34.0%	27.0%	41.8%	Average or Below	Total Population
Allina Medical Clinic - Cambridge Medical Center	546	33.9%	30.0%	38.0%	Average or Below	Total Population
Burnsville Family Physicians	86	33.7%	24.6%	44.2%	Average or Below	Total Population
HealthPartners - White Bear Lake	120	33.3%	25.5%	42.2%	Average or Below	Total Population
Fairview Rush City Clinic	114	33.3%	25.3%	42.4%	Average or Below	Total Population
Mankato Clinic - North Mankato	60	33.3%	22.7%	45.9%	Average or Below	Sample
*Minnesota Heart Clinic - Edina	60	33.3%	22.7%	45.9%	Average or Below	Sample
Red Cedar Medical Center	60	33.3%	22.7%	45.9%	Average or Below	Sample
St. Luke's Clinics - Cardiology Associates - Lakeview Building	60	33.3%	22.7%	45.9%	Average or Below	Sample
Hutchinson Medical Center	320	33.1%	28.2%	38.5%	Average or Below	Sample
Fairview Lino Lakes Clinic	76	32.9%	23.4%	44.1%	Average or Below	Total Population
MeritCare - Bemidji Internal Medicine	450	32.9%	28.7%	37.4%	Average or Below	Total Population
North Memorial Clinic - Brooklyn Park Physicians	189	32.8%	26.5%	39.8%	Average or Below	Total Population
Mankato Clinic - Lake Crystal	49	32.7%	21.2%	46.6%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Superior	328	32.6%	27.8%	37.9%	Average or Below	Total Population
Northstar Physicians - Northland Family Physicians	46	32.6%	20.9%	47.0%	Average or Below	Total Population
St. Luke's Clinics - Laurentian	46	32.6%	20.9%	47.0%	Average or Below	Total Population
Allina Medical Clinic - United Medical Specialties	169	32.5%	25.9%	39.9%	Average or Below	Total Population
North Memorial Clinic - Plymouth Internal Medicine	185	32.4%	26.1%	39.5%	Average or Below	Total Population
Aspen Medical Group - Bloomington	65	32.3%	22.2%	44.4%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Winona Health - Winona	109	32.1%	24.1%	41.4%	Average or Below	Sample
MeritCare - Broadway Internal Medicine	518	32.0%	28.2%	36.2%	Average or Below	Total Population
Aspen Medical Group - Maplewood	63	31.7%	21.6%	44.0%	Average or Below	Sample
St. Mary's/Duluth Clinic - Ely	167	31.7%	25.2%	39.1%	Average or Below	Total Population
Park Nicollet Clinic - Minneapolis	164	31.7%	25.1%	39.2%	Average or Below	Total Population
Alexandria Clinic	120	31.7%	24.0%	40.4%	Average or Below	Sample
CentraCare - Long Prairie	60	31.7%	21.3%	44.2%	Average or Below	Sample
Fairmont Medical Center	60	31.7%	21.3%	44.2%	Average or Below	Sample
Immanuel St. Joseph's - St. Peter	60	31.7%	21.3%	44.2%	Average or Below	Sample
St. Luke's Clinics - Internal Medicine Associates	60	31.7%	21.3%	44.2%	Average or Below	Sample
St. Mary's/Duluth Clinic - West	259	31.7%	26.3%	37.6%	Average or Below	Total Population
HealthEast - Roselawn	79	31.6%	22.4%	42.5%	Average or Below	Total Population
Northstar Physicians - North Woods Community Health Center in Hayward	57	31.6%	21.0%	44.5%	Average or Below	Total Population
MeritCare - North Fargo	102	31.4%	23.2%	40.9%	Average or Below	Total Population
MeritCare - Southpointe Internal Medicine	476	31.3%	27.3%	35.6%	Average or Below	Total Population
Innovis Health - Menahga	32	31.3%	18.0%	48.6%	Average or Below	Sample
Innovis Health - Wahpeton	61	31.1%	20.9%	43.6%	Average or Below	Sample
MeritCare - East Grand Forks	165	30.9%	24.4%	38.3%	Average or Below	Total Population
Allina Medical Clinic - Mora	178	30.9%	24.6%	38.0%	Average or Below	Total Population
Park Nicollet Clinic - Brookdale	379	30.9%	26.4%	35.7%	Average or Below	Total Population
Affiliated Community Medical Centers - Benson Clinic	91	30.8%	22.2%	40.9%	Average or Below	Total Population
Park Nicollet Clinic - Prior Lake	75	30.7%	21.4%	41.8%	Average or Below	Total Population
Fairview Zimmerman Clinic	49	30.6%	19.5%	44.5%	Average or Below	Total Population
Fairview Uptown Clinic	36	30.6%	18.0%	46.9%	Average or Below	Total Population
HealthPartners - North Suburban Lino Lakes	79	30.4%	21.3%	41.2%	Average or Below	Total Population
Northwest Family Physicians - Crystal office	188	30.3%	24.2%	37.2%	Average or Below	Total Population
Franciscan Skemp - Caledonia	43	30.2%	18.6%	45.1%	Average or Below	Total Population
HealthEast - Oakdale	173	30.1%	23.7%	37.3%	Average or Below	Total Population
Bloomington Lake Clinic - Minneapolis	70	30.0%	20.5%	41.5%	Average or Below	Total Population
Franciscan Skemp - LaCrosse	60	30.0%	19.9%	42.5%	Average or Below	Sample
Lakeview Clinic - Norwood	60	30.0%	19.9%	42.5%	Average or Below	Sample
Luther Midelfort - Eau Claire	60	30.0%	19.9%	42.5%	Average or Below	Sample
Immanuel St. Joseph's - Madelia	40	30.0%	18.1%	45.4%	Average or Below	Total Population
MeritCare - Island Park	124	29.8%	22.5%	38.4%	Average or Below	Total Population
MeritCare - Bemidji Family Medicine	217	29.5%	23.8%	35.9%	Average or Below	Total Population

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Western Wisconsin Medical Associates - Hudson Physicians	89	29.2%	20.8%	39.4%	Average or Below	Sample
MeritCare - South Moorhead Internal Medicine	200	29.0%	23.2%	35.6%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Deer River	157	28.7%	22.2%	36.2%	Average or Below	Total Population
Park Nicollet Clinic - Creekside	84	28.6%	20.0%	39.0%	Average or Below	Total Population
Northstar Physicians - Raiter Clinic	63	28.6%	18.9%	40.7%	Average or Below	Sample
HealthPartners - Center for International Health	49	28.6%	17.8%	42.4%	Average or Below	Total Population
Fairview Red Wing Zumbrota Clinic	67	28.4%	19.0%	40.1%	Average or Below	Total Population
Albert Lea Medical Center	60	28.3%	18.5%	40.8%	Average or Below	Sample
Luther Midelfort - Northland	60	28.3%	18.5%	40.8%	Average or Below	Sample
Mankato Clinic - Wickersham Campus	60	28.3%	18.5%	40.8%	Average or Below	Sample
St. Luke's Clinics - Hibbing Family Medical Clinic	60	28.3%	18.5%	40.8%	Average or Below	Sample
Innovis Health - West Acres	53	28.3%	18.0%	41.6%	Average or Below	Sample
HealthEast - Rice Street	135	28.1%	21.2%	36.3%	Average or Below	Total Population
Altru Health System - Warroad	50	28.0%	17.5%	41.7%	Average or Below	Sample
Stevens Community Medical Center	43	27.9%	16.7%	42.7%	Average or Below	Total Population
Affiliated Community Medical Centers - New London Clinic	36	27.8%	15.8%	44.0%	Average or Below	Total Population
MeritCare - South Moorhead Family Medicine	163	27.6%	21.3%	34.9%	Average or Below	Total Population
Columbia Park Medical Group - Fridley Clinic	120	27.5%	20.3%	36.1%	Average or Below	Sample
Innovis Health - South University	144	27.1%	20.5%	34.9%	Average or Below	Sample
MeritCare - Valley City	181	27.1%	21.1%	34.0%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Virginia	244	27.0%	21.9%	32.9%	Average or Below	Total Population
Altru Health System - Crookston	63	27.0%	17.6%	39.0%	Average or Below	Sample
Columbia Park Medical Group - Columbia Heights Clinic	120	26.7%	19.6%	35.2%	Average or Below	Sample
CentraCare - Family Medicine - Health Plaza	60	26.7%	17.1%	39.0%	Average or Below	Sample
Lake City	60	26.7%	17.1%	39.0%	Average or Below	Sample
St. Luke's Clinics - P.S. Rudie Medical Clinic	60	26.7%	17.1%	39.0%	Average or Below	Sample
Riverside Family Physicians	30	26.7%	14.2%	44.4%	Average or Below	Total Population
Quello Clinic - Burnsville	83	26.5%	18.2%	36.9%	Average or Below	Total Population
Stillwater Medical Group - Curve Crest Clinic	536	26.3%	22.8%	30.2%	Average or Below	Total Population
Bloomington Lake Clinic - Xerxes	100	26.0%	18.4%	35.4%	Average or Below	Total Population
Franciscan Skemp - Arcadia	50	26.0%	15.9%	39.6%	Average or Below	Total Population
Affiliated Community Medical Centers - Litchfield Clinic	85	25.9%	17.8%	36.1%	Average or Below	Total Population
MeritCare - West Fargo	248	25.8%	20.8%	31.6%	Average or Below	Total Population
St. Mary's/Duluth Clinic - International Falls	183	25.7%	19.9%	32.5%	Average or Below	Total Population
Mankato Clinic - Main Street	180	25.6%	19.7%	32.4%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Lakeview Clinic - Watertown	51	25.5%	15.5%	38.9%	Average or Below	Sample
Multicare Associates - Blaine Medical Center	173	25.4%	19.5%	32.4%	Average or Below	Total Population
MeritCare - Jamestown	290	25.2%	20.5%	30.5%	Average or Below	Total Population
Columbia Park Medical Group - Brooklyn Park Clinic	100	25.0%	17.5%	34.3%	Average or Below	Sample
Luther Midelfort - Chippewa Valley	60	25.0%	15.8%	37.2%	Average or Below	Sample
Altru Health System - Lake Region	126	24.6%	17.9%	32.8%	Average or Below	Sample
MeritCare - Southpointe Family Medicine	249	24.5%	19.6%	30.2%	Average or Below	Total Population
MeritCare - Mayville	54	24.1%	14.6%	36.9%	Average or Below	Total Population
University of Minnesota Physicians - Phalen Clinic	54	24.1%	14.6%	36.9%	Average or Below	Total Population
MeritCare - Mahnomon	46	23.9%	13.9%	37.9%	Average or Below	Total Population
MeritCare - Pelican Rapids	46	23.9%	13.9%	37.9%	Average or Below	Total Population
Aspen Medical Group - Inver Grove Heights	59	23.7%	14.7%	36.0%	Average or Below	Total Population
HealthPartners - Midway	89	23.6%	16.0%	33.4%	Average or Below	Total Population
Innovis Health - Valley City	34	23.5%	12.4%	40.0%	Average or Below	Total Population
Northstar Physicians - Iron Range Clinic	34	23.5%	12.4%	40.0%	Average or Below	Total Population
Brainerd Medical Center	200	23.5%	18.2%	29.8%	Average or Below	Sample
Stillwater Medical Group - Somerset Clinic	47	23.4%	13.6%	37.2%	Average or Below	Total Population
Aspen Medical Group - Highland	60	23.3%	14.4%	35.4%	Average or Below	Sample
Aspen Medical Group - White Bear Lake	60	23.3%	14.4%	35.4%	Average or Below	Sample
Edina Family Physicians	60	23.3%	14.4%	35.4%	Average or Below	Sample
Franciscan Skemp - Sparta	43	23.3%	13.2%	37.7%	Average or Below	Total Population
St. Luke's Clinics - Denfeld	35	22.9%	12.1%	39.0%	Average or Below	Total Population
AALFA Family Clinic	44	22.7%	12.8%	37.0%	Average or Below	Total Population
MeritCare - Wahpeton	225	22.7%	17.7%	28.6%	Average or Below	Total Population
North Memorial Clinic - Northeast Family Physicians	53	22.6%	13.5%	35.5%	Average or Below	Total Population
North Clinic - WestHealth Office in Plymouth	58	22.4%	13.6%	34.7%	Average or Below	Sample
MeritCare - Walker	90	22.2%	14.9%	31.8%	Average or Below	Total Population
Columbia Park Medical Group - Blaine Clinic	63	22.2%	13.7%	33.9%	Average or Below	Sample
Ridgeview Westonka Clinic	82	22.0%	14.4%	32.1%	Average or Below	Total Population
Northwest Family Physicans - Plymouth	115	21.7%	15.2%	30.1%	Average or Below	Total Population
Camden Physicians - Maple Grove	60	21.7%	13.1%	33.6%	Average or Below	Sample
CentraCare - Central Minnesota Heart Center	60	21.7%	13.1%	33.6%	Average or Below	Sample
CentraCare - Heartland	60	21.7%	13.1%	33.6%	Average or Below	Sample
*Minnesota Heart Clinic - Burnsville	60	21.7%	13.1%	33.6%	Average or Below	Sample
St. Luke's Clinics - Mariner Medical Clinic	60	21.7%	13.1%	33.6%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Parkway Family Physicians	51	21.6%	12.5%	34.6%	Average or Below	Total Population
MeritCare - Perham	244	21.3%	16.6%	26.9%	Average or Below	Total Population
Multicare Associates - Fridley Medical Center	317	21.1%	17.0%	26.0%	Average or Below	Total Population
Innovis Health - Park Rapids	100	21.0%	14.2%	30.0%	Average or Below	Sample
MeritCare - Detroit Lakes	350	20.9%	16.9%	25.4%	Average or Below	Total Population
Northstar Physicians - North Woods Community Health Center in Minong	39	20.5%	10.8%	35.5%	Average or Below	Sample
MeritCare - Thief River Falls Southeast Clinic	137	20.4%	14.5%	28.0%	Average or Below	Total Population
MeritCare - Black Duck	54	20.4%	11.8%	32.9%	Average or Below	Total Population
North Memorial Clinic - Golden Valley Physicians	203	20.2%	15.3%	26.2%	Average or Below	Total Population
Altru Health System - Grand Forks Family Medicine Residency	60	20.0%	11.8%	31.8%	Average or Below	Sample
North Memorial Cardiovascular Services	60	20.0%	11.8%	31.8%	Average or Below	Sample
Cannon Falls Medical Center	40	20.0%	10.5%	34.8%	Average or Below	Total Population
University of Minnesota Physicians - Smiley's Clinic	35	20.0%	10.0%	35.9%	Average or Below	Total Population
Innovis Health - Detroit Lakes	86	19.8%	12.7%	29.4%	Average or Below	Sample
North Memorial Clinic - Elk River Physicians	81	19.8%	12.5%	29.7%	Average or Below	Total Population
St. Mary's/Duluth Clinic - Aurora	107	19.6%	13.2%	28.1%	Average or Below	Total Population
Multicare Associates - Roseville Medical Center	51	19.6%	11.0%	32.5%	Average or Below	Total Population
Ridgeview Chanhassen Clinic	36	19.4%	9.8%	35.0%	Average or Below	Total Population
North Memorial Clinic - Minnetonka Physicians	155	18.7%	13.4%	25.6%	Average or Below	Total Population
Altru Health System - Main	70	18.6%	11.2%	29.2%	Average or Below	Sample
Northstar Physicians - Central Lakes Medical Clinic	109	18.3%	12.2%	26.6%	Average or Below	Sample
Aspen Medical Group - East Lake Street	60	18.3%	10.6%	29.9%	Average or Below	Sample
Innovis Health - Fosston	60	18.3%	10.6%	29.9%	Average or Below	Sample
United Family Medicine	60	18.3%	10.6%	29.9%	Average or Below	Sample
Family Medical Center - Little Falls	95	17.9%	11.5%	26.8%	Average or Below	Sample
Hennepin Faculty Associates - HFA Internal Medicine Clinic	105	17.1%	11.1%	25.5%	Average or Below	Total Population
Glencoe Regional Health Services	70	17.1%	10.1%	27.6%	Average or Below	Total Population
MeritCare - Hillsboro	83	16.9%	10.3%	26.3%	Average or Below	Total Population
CentraCare - Becker	60	16.7%	9.3%	28.0%	Average or Below	Sample
Luther Midelfort - Oakridge	60	16.7%	9.3%	28.0%	Average or Below	Sample
North Clinic - Oakdale Office in Robbinsdale	60	16.7%	9.3%	28.0%	Average or Below	Sample
St. Luke's Clinics - Duluth Internal Medicine Associates	60	16.7%	9.3%	28.0%	Average or Below	Sample
Paynesville Richmond Medical Clinic	54	16.7%	9.0%	28.7%	Average or Below	Total Population
University of Minnesota Physicians - Bethesda Clinic	48	16.7%	8.7%	29.6%	Average or Below	Total Population
Altru Health System - Roseau	61	16.4%	9.2%	27.6%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results)

Clinic Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
St. Joseph's Medical Center - Pine River Family Clinic	64	15.6%	8.7%	26.4%	Average or Below	Total Population
Hennepin Faculty Associates - HCMC Family Medical Center	32	15.6%	6.9%	31.8%	Average or Below	Total Population
MeritCare - New York Mills	78	15.4%	9.0%	25.0%	Average or Below	Total Population
Innovis Health - Jamestown	39	15.4%	7.2%	29.7%	Average or Below	Total Population
MeritCare - Bemidji North	59	15.3%	8.2%	26.5%	Average or Below	Total Population
Consultants Internal Medicine	60	15.0%	8.1%	26.1%	Average or Below	Sample
Silver Lake Clinic - Shoreview	60	15.0%	8.1%	26.1%	Average or Below	Sample
Silver Lake Clinic - St. Anthony	60	15.0%	8.1%	26.1%	Average or Below	Sample
Aspen Medical Group - Bandana Square	56	14.3%	7.4%	25.7%	Average or Below	Total Population
Hennepin Faculty Associates - HCMC Medicine Clinic	279	13.6%	10.1%	18.1%	Average or Below	Total Population
Aspen Medical Group - Hopkins	38	13.2%	5.8%	27.3%	Average or Below	Total Population
University of Minnesota Physicians - Broadway Family Medicine	70	12.9%	6.9%	22.7%	Average or Below	Total Population
MeritCare - Hawley	41	12.2%	5.3%	25.5%	Average or Below	Total Population
North Clinic - Osseo Office	60	11.7%	5.8%	22.2%	Average or Below	Sample
Paynesville Medical Clinic	81	11.1%	6.0%	19.8%	Average or Below	Total Population
Johnson Street Medical Clinic	30	10.0%	3.5%	25.6%	Average or Below	Total Population
Northstar Physicians - Duluth Family Practice Center	64	9.4%	4.4%	19.0%	Average or Below	Sample
Community-University Health Care Center	56	8.9%	3.9%	19.3%	Average or Below	Total Population
Family Medicine of Winona	227	7.0%	4.4%	11.1%	Average or Below	Total Population
St. Luke's Clinics - Chequamegon Clinic	60	6.7%	2.6%	15.9%	Average or Below	Sample
Edina Sports Health & Wellness	31	3.2%	0.6%	16.2%	Average or Below	Total Population

Optimal Vascular Care (Clinic Level Results by Medical Group)

Medical Group Name (*=Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
*St. Paul Heart	180	51.9%	44.6%	59.1%	Above	Sample
Richfield Medical Group	60	46.7%	34.6%	59.1%	Above	Sample
Family HealthServices Minnesota	1587	46.6%	44.1%	49.0%	Above	Mixed
Mayo Clinic	324	44.7%	39.4%	50.1%	Above	Mixed
France Avenue Family Physicians	87	43.7%	33.7%	54.1%	Average or Below	Total Population
Southdale Internal Medicine	60	43.3%	31.6%	55.9%	Average or Below	Sample
Allina Medical Clinic	6172	42.9%	41.7%	44.1%	Above	Total Population
St. Cloud Medical Group	240	42.8%	36.7%	49.2%	Above	Mixed
Fairview Health Services	4011	42.7%	41.2%	44.2%	Above	Total Population
Steven Saliterman, MD	47	42.6%	29.5%	56.7%	Average or Below	Total Population
HealthPartners Central Minnesota Clinics	212	42.5%	36.0%	49.2%	Above	Total Population
HealthPartners Medical Group	4647	42.0%	40.6%	43.5%	Above	Total Population
Park Nicollet Health Services	4436	40.4%	39.0%	41.9%	Above	Total Population
HealthEast	1630	40.3%	38.0%	42.7%	Above	Total Population
Quello Clinic	415	39.8%	35.2%	44.5%	Above	Total Population
Apple Valley Medical Clinic	200	39.5%	33.0%	46.4%	Average or Below	Total Population
Lakeview Clinic	231	37.6%	31.6%	44.0%	Average or Below	Sample
Family Practice Medical Center of Willmar	180	36.7%	30.0%	43.9%	Average or Below	Total Population
Western Wisconsin Medical Associates	375	36.3%	31.6%	41.3%	Average or Below	Mixed
Affiliated Community Medical Centers	895	35.3%	32.2%	38.5%	Average or Below	Total Population
Burnsville Family Physicians	86	33.7%	24.6%	44.2%	Average or Below	Total Population
St. Mary's/Duluth Clinic Health System	3319	33.3%	31.7%	34.9%	Average or Below	Total Population
Mayo Health System	1461	33.2%	30.8%	35.7%	Average or Below	Mixed
Hutchinson Medical Center	320	33.1%	28.2%	38.5%	Average or Below	Sample
Winona Health	136	31.9%	24.7%	40.2%	Average or Below	Mixed
Alexandria Clinic	120	31.7%	24.0%	40.4%	Average or Below	Sample
*Minnesota Heart Clinic	169	31.2%	24.7%	38.6%	Average or Below	Mixed
Camden Physicians	181	31.1%	24.8%	38.2%	Average or Below	Sample
CentraCare Health System	540	29.7%	26.0%	33.7%	Average or Below	Sample
University of Minnesota Physicians	399	29.3%	25.1%	34.0%	Average or Below	Total Population
Northwest Family Physicians	366	29.0%	24.6%	33.8%	Average or Below	Total Population
St. Luke's Clinics	563	28.9%	25.3%	32.8%	Average or Below	Mixed
Aspen Medical Group	461	28.2%	24.3%	32.4%	Average or Below	Mixed
Mankato Clinic	427	28.1%	24.0%	32.5%	Average or Below	Mixed
Columbia Park Medical Group	476	27.8%	24.0%	32.0%	Average or Below	Sample

Optimal Vascular Care (Clinic Level Results by Medical Group)

Clinic Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		33.8%	33.5%	34.2%		
Bloomington Lake Clinic	170	27.6%	21.5%	34.8%	Average or Below	Total Population
MeritCare	5292	27.2%	26.0%	28.4%	Average or Below	Total Population
Northstar Physicians	430	27.1%	23.1%	31.5%	Average or Below	Mixed
Riverside Family Physicians	30	26.7%	14.2%	44.4%	Average or Below	Total Population
Innovis Health	759	26.2%	23.2%	29.4%	Average or Below	Mixed
Stillwater Medical Group	583	26.1%	22.7%	29.8%	Average or Below	Total Population
Renville County Hospital and Clinics	40	25.0%	14.2%	40.2%	Average or Below	Total Population
Brainerd Medical Center	200	23.5%	18.2%	29.8%	Average or Below	Sample
Edina Family Physicians	60	23.3%	14.4%	35.4%	Average or Below	Sample
North Memorial Clinic	967	23.3%	20.7%	26.1%	Average or Below	Mixed
AALFA Family Clinic	44	22.7%	12.8%	37.0%	Average or Below	Total Population
Multicare Associates	541	22.4%	19.1%	26.1%	Average or Below	Total Population
Stevens Community Medical Center	60	21.7%	13.1%	33.6%	Average or Below	Total Population
Parkway Family Physicians	51	21.6%	12.5%	34.6%	Average or Below	Total Population
Altru Health System	556	21.5%	18.3%	25.1%	Average or Below	Sample
Ridgeview Clinics	151	19.2%	13.7%	26.2%	Average or Below	Total Population
United Family Medicine	60	18.3%	10.6%	29.9%	Average or Below	Sample
Glencoe Regional Health Services	70	17.1%	10.1%	27.6%	Average or Below	Total Population
St. Joseph's Medical Center	117	17.1%	11.3%	24.9%	Average or Below	Total Population
Family Medical Center	104	17.0%	11.0%	25.4%	Average or Below	Sample
North Clinic	195	15.4%	11.0%	21.2%	Average or Below	Mixed
Silver Lake Clinic	120	15.0%	9.7%	22.5%	Average or Below	Sample
Consultants Internal Medicine	60	15.0%	8.1%	26.1%	Average or Below	Sample
Hennepin Faculty Associates	471	14.6%	11.7%	18.1%	Average or Below	Total Population
Paynesville Area Health System	205	12.2%	8.4%	17.4%	Average or Below	Total Population
Fremont Community Health Services	39	10.3%	4.1%	23.6%	Average or Below	Total Population
Johnson Street Medical Clinic	30	10.0%	3.5%	25.6%	Average or Below	Total Population
Community-University Health Care Center	56	8.9%	3.9%	19.3%	Average or Below	Total Population
Family Medicine of Winona	227	7.0%	4.4%	11.1%	Average or Below	Total Population
Edina Sports Health & Wellness	31	3.2%	0.6%	16.2%	Average or Below	Total Population

Depression Care - Six Month Remission Rate (Clinic Level Results)

Medical Group Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		4.0%	3.9%	4.5%		
HealthPartners - Regions Maplewood Psychiatry	268	11.2%	8.0%	15.5%	Above	Population
HealthPartners - Woodbury	197	9.6%	6.3%	14.6%	Above	Population
Family HealthServices Minnesota - White Bear Office	63	9.5%	4.4%	19.3%	Above	Population
Family HealthServices Minnesota - Banning Avenue Office	96	9.4%	5.0%	16.9%	Above	Population
Family HealthServices Minnesota - Vadnais Heights Office	133	9.0%	5.2%	15.1%	Above	Population
Family HealthServices Minnesota - Woodlane Family Practice	81	8.6%	4.2%	16.8%	Above	Population
HealthPartners - West Psychiatry	268	7.8%	5.2%	11.7%	Above	Population
Fairview Highland Park Clinic	43	7.0%	2.4%	18.6%	Average or Below	Population
Family HealthServices Minnesota - Inver Grove Heights	117	6.8%	3.5%	12.9%	Average or Below	Population
HealthPartners - Regions Woodbury Psychiatry	433	6.7%	4.7%	9.5%	Above	Population
HealthPartners - Riverside Psychiatry	285	6.7%	4.3%	10.2%	Above	Population
HealthPartners - Inver Grove Heights Psychiatry	269	6.3%	4.0%	9.9%	Average or Below	Population
Family HealthServices Minnesota - Shoreview	33	6.1%	1.7%	19.6%	Average or Below	Population
Family HealthServices Minnesota - Afton Road	102	5.9%	2.7%	12.2%	Average or Below	Population
St. Mary's/Duluth Clinic - Spooner	34	5.9%	1.6%	19.1%	Average or Below	Population
HealthPartners - Regions Jackson Street Psychiatry	71	5.6%	2.2%	13.6%	Average or Below	Population
St. Mary's/Duluth Clinic - Lakeside	46	4.3%	1.2%	14.5%	Average or Below	Population
Fairview RidgeValley Clinic	117	4.3%	1.8%	9.6%	Average or Below	Population
Family HealthServices Minnesota - Gorman Clinic	164	4.3%	2.1%	8.5%	Average or Below	Population
Family HealthServices Minnesota - Highland Family Physicians	118	4.2%	1.8%	9.5%	Average or Below	Population
Family HealthServices Minnesota - Larpenteur Office	71	4.2%	1.4%	11.7%	Average or Below	Population
HealthPartners - RiverWay Elk River	71	4.2%	1.4%	11.7%	Average or Below	Population
Fairview Eagan Clinic	120	4.2%	1.8%	9.4%	Average or Below	Population
Family HealthServices Minnesota - Woodbury Office	145	4.1%	1.9%	8.7%	Average or Below	Population
HealthPartners - North Suburban Roseville	98	4.1%	1.6%	10.0%	Average or Below	Population
Family HealthServices Minnesota - Maryland Clinic	56	3.6%	1.0%	12.1%	Average or Below	Population
HealthPartners - Riverside	89	3.4%	1.2%	9.4%	Average or Below	Population
HealthPartners - Midway	30	3.3%	0.6%	16.7%	Average or Below	Population
HealthPartners - Bloomington	125	3.2%	1.3%	7.9%	Average or Below	Population
St. Mary's/Duluth Clinic - General Internal Medicine	66	3.0%	0.8%	10.4%	Average or Below	Population

Depression Care - Six Month Remission Rate (Clinic Level Results)

Medical Group Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample
Clinic Average		4.0%	3.9%	4.5%		
HealthPartners - Como	136	2.9%	1.1%	7.3%	Average or Below	Population
HealthPartners - St. Paul	142	2.8%	1.1%	7.0%	Average or Below	Population
HealthPartners - Brooklyn Center	143	2.8%	1.1%	7.0%	Average or Below	Population
Fairview EdenCenter Clinic	38	2.6%	0.5%	13.5%	Average or Below	Population
HealthPartners - West	121	2.5%	0.8%	7.0%	Average or Below	Population
HealthPartners - Arden Hills	81	2.5%	0.7%	8.6%	Average or Below	Population
Fairview Princeton Clinic	41	2.4%	0.4%	12.6%	Average or Below	Population
HealthPartners - Coon Rapids	87	2.3%	0.6%	8.0%	Average or Below	Population
HealthPartners - Health Center for Women	142	2.1%	0.7%	6.0%	Average or Below	Population
HealthPartners - North Suburban Lino Lakes	99	2.0%	0.6%	7.1%	Average or Below	Population
Family HealthServices Minnesota - North St. Paul Clinic	100	2.0%	0.6%	7.0%	Average or Below	Population
Fairview Hiawatha Clinic	56	1.8%	0.3%	9.4%	Average or Below	Population
HealthPartners - White Bear Lake	121	1.7%	0.5%	5.8%	Average or Below	Population
HealthPartners - Apple Valley	80	1.3%	0.2%	6.7%	Average or Below	Population
St. Mary's/Duluth Clinic - International Falls	84	1.2%	0.2%	6.4%	Average or Below	Population
HealthPartners - Inver Grove Heights	89	1.1%	0.2%	6.1%	Average or Below	Population
HealthPartners - RiverWay Anoka	114	0.9%	0.2%	4.8%	Average or Below	Population
HealthPartners Central Minnesota Clinics - St. Cloud	275	0.7%	0.2%	2.6%	Average or Below	Population
AALFA Family Clinic	40	0.0%	0.0%	8.8%	Average or Below	Population
Fairview Northeast Clinic	30	0.0%	0.0%	11.4%	Average or Below	Population
Fairview Plymouth Clinic	34	0.0%	0.0%	10.2%	Average or Below	Population
HealthPartners - Maplewood	34	0.0%	0.0%	10.2%	Average or Below	Population
Hutchinson Medical Center	145	0.0%	0.0%	2.6%	Average or Below	Population
St. Mary's/Duluth Clinic - Ely	30	0.0%	0.0%	11.4%	Average or Below	Population

Controlling High Blood Pressure (Medical Group Level Results)

Medical Group Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		69.9%	69.1%	70.8%		
Alexandria Clinic	79	86.3%	77.1%	92.2%	Above	Sample
Bloomington Lake Clinic, Ltd.	84	86.2%	77.3%	92.0%	Above	Sample
Family HealthServices Minnesota	175	84.8%	78.8%	89.4%	Above	Sample
Ridgeview Clinics	65	82.0%	70.9%	89.4%	Above	Sample
HealthEast	189	79.6%	73.3%	84.7%	Above	Sample
CentraCare Health System	109	78.5%	69.9%	85.2%	Average or Below	Sample
Park Nicollet Health Services	425	78.4%	74.3%	82.1%	Above	Sample
Buffalo Clinic	79	77.3%	66.9%	85.1%	Average or Below	Sample
HealthPartners Clinics	1,091	77.1%	74.5%	79.5%	Above	Sample
Allina Medical Clinic	650	76.1%	72.6%	79.2%	Above	Sample
St. Mary's/Duluth Clinic Health System	288	76.0%	70.7%	80.5%	Above	Sample
Allina Health System	139	75.3%	67.5%	81.7%	Average or Below	Sample
Camden Physicians	67	75.3%	63.7%	84.0%	Average or Below	Sample
HealthPartners Central Minnesota Clinics	76	74.9%	64.1%	83.3%	Average or Below	Sample
Western Wisconsin Medical Associates	68	74.3%	62.8%	83.2%	Average or Below	Sample
Fairview Health Services	616	73.5%	69.9%	76.9%	Average or Below	Sample
Mankato Clinic	81	72.3%	61.7%	80.9%	Average or Below	Sample
Altru Health System	83	72.3%	61.8%	80.8%	Average or Below	Sample
Broadway Medical Center	72	72.1%	60.8%	81.1%	Average or Below	Sample
Mayo Health System	386	72.0%	67.3%	76.2%	Average or Below	Sample
Fairview Mesaba Clinics	66	71.6%	59.8%	81.1%	Average or Below	Sample
Paynesville Area Health Care System	65	71.3%	59.4%	80.9%	Average or Below	Sample
Quello Clinic	87	71.1%	60.9%	79.6%	Average or Below	Sample
Gundersen Clinic	72	71.0%	59.6%	80.2%	Average or Below	Sample
Family Practice Medical Center Of Willmar	69	70.5%	58.9%	80.0%	Average or Below	Sample
Burnsville Family Physicians	69	70.5%	58.9%	80.0%	Average or Below	Sample
North Clinic	126	69.6%	61.1%	76.9%	Average or Below	Sample
Family Medical Center	76	68.8%	57.7%	78.1%	Average or Below	Sample
St. Cloud Medical Group	93	68.8%	58.8%	77.3%	Average or Below	Sample
MeritCare	187	68.7%	61.7%	74.9%	Average or Below	Sample
Stillwater Medical Group	70	67.7%	56.1%	77.5%	Average or Below	Sample
Aspen Medical Group	158	65.8%	58.1%	72.7%	Average or Below	Sample
Northwest Family Physicians	68	64.5%	52.6%	74.8%	Average or Below	Sample
MultiCare Associates Of The Twin Cities	68	63.7%	51.8%	74.1%	Average or Below	Sample

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Controlling High Blood Pressure (Medical Group Level Results)

Medical Group Name (* = Cardiology)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		69.9%	69.1%	70.8%		
*Minneapolis Heart Institute	61	63.0%	50.4%	74.0%	Average or Below	Sample
*Minnesota Heart Clinic	64	61.3%	49.1%	72.3%	Average or Below	Sample
Apple Valley Medical Clinic	69	61.0%	49.2%	71.7%	Average or Below	Sample
Neighborhood Health Care Network	161	61.0%	53.3%	68.2%	Average or Below	Sample
NorthPoint Health And Wellness Center	66	60.7%	48.6%	71.6%	Average or Below	Sample
Hennepin Faculty Associates & HCMC Clinics	561	58.4%	54.3%	62.4%	Average or Below	Sample
Wadena Medical Center	69	57.8%	46.1%	68.8%	Average or Below	Sample
Affiliated Community Medical Centers	111	57.0%	47.7%	65.8%	Average or Below	Sample
University Of Minnesota Physicians	191	56.1%	49.0%	63.0%	Average or Below	Sample
Brainerd Medical Center	89	55.6%	45.3%	65.5%	Average or Below	Sample
North Memorial Clinic	120	54.6%	45.6%	63.2%	Average or Below	Sample
Silver Lake Clinic	69	54.5%	42.8%	65.7%	Average or Below	Sample
Winona Health	80	54.0%	43.2%	64.5%	Average or Below	Sample
Central Lakes Medical Clinic	76	54.0%	42.9%	64.8%	Average or Below	Sample
SuperiorHealth Center	63	53.5%	41.4%	65.3%	Average or Below	Sample
Olmsted Medical Center	89	52.5%	42.2%	62.6%	Average or Below	Sample
United Family Medicine	72	51.9%	40.6%	63.1%	Average or Below	Sample
Sanford Clinic	265	51.8%	45.8%	57.8%	Average or Below	Sample
Mayo Clinic	93	51.8%	41.8%	61.7%	Average or Below	Sample
Edina Family Physicians	66	49.6%	37.9%	61.3%	Average or Below	Sample
Lakeview Clinic	65	48.5%	36.8%	60.4%	Average or Below	Sample
Cedar Riverside People's Center	67	48.2%	36.6%	59.9%	Average or Below	Sample
Minnesota Rural Health Cooperative	153	46.3%	38.6%	54.2%	Average or Below	Sample
St. Luke's Clinics	141	45.9%	37.9%	54.2%	Average or Below	Sample
Fergus Falls Medical Group	73	45.2%	34.3%	56.6%	Average or Below	Sample
Riverwood Aitkin Clinic	69	42.6%	31.7%	54.4%	Average or Below	Sample
Hutchinson Medical Center	68	41.0%	30.1%	52.8%	Average or Below	Sample
Northstar Physicians	127	34.7%	27.0%	43.3%	Average or Below	Sample
Avera Health/Avera Tri-State	121	25.1%	18.2%	33.5%	Average or Below	Sample

-- Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Use of Appropriate Medications for People with Asthma (Ages 5-56) (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		92.1%	91.6%	92.5%		
Metropolitan Pediatric Specialists	104	99.0%	94.8%	99.8%	Above	Population
Alexandria Clinic	74	97.3%	90.7%	99.3%	Average or Below	Population
Children's Physician Network	1,362	96.8%	95.7%	97.6%	Above	Population
Northwest Family Physicians	87	96.6%	90.4%	98.8%	Average or Below	Population
St. Croix Regional Medical Center	47	95.7%	85.8%	98.8%	Average or Below	Population
Lakeview Clinic	178	95.5%	91.4%	97.7%	Average or Below	Population
Affiliated Community Medical Centers	228	95.2%	91.6%	97.3%	Average or Below	Population
Bloomington Lake Clinic	41	95.1%	83.9%	98.7%	Average or Below	Population
Stillwater Medical Group	224	94.6%	90.9%	96.9%	Average or Below	Population
Mankato Clinic	127	94.5%	89.1%	97.3%	Average or Below	Population
North Memorial Clinic	159	94.3%	89.6%	97.0%	Average or Below	Population
CentraCare Health System	238	94.1%	90.4%	96.5%	Average or Below	Population
HealthPartners Central Minnesota Clinics	84	94.1%	86.8%	97.4%	Average or Below	Population
Mayo Clinic	98	93.9%	87.3%	97.2%	Average or Below	Population
Wadena Medical Center	32	93.8%	79.9%	98.3%	Average or Below	Population
Hutchinson Medical Center	46	93.5%	82.5%	97.8%	Average or Below	Population
Family Medical Center	61	93.4%	84.3%	97.4%	Average or Below	Population
Gundersen Clinic	59	93.2%	83.8%	97.3%	Average or Below	Population
Western Wisconsin Medical Associates	132	93.2%	87.6%	96.4%	Average or Below	Population
Park Nicollet Health Services	1,226	93.2%	91.6%	94.4%	Average or Below	Population
Camden Physicians	85	92.9%	85.4%	96.7%	Average or Below	Population
HealthPartners Clinics	1,621	92.7%	91.4%	93.9%	Average or Below	Population
Fairview Health Services	1,237	92.6%	91.0%	93.9%	Average or Below	Population
*Now Care Medical Centers	52	92.3%	81.8%	97.0%	Average or Below	Population
Hennepin Faculty Associates & HCMC Clinics	228	92.1%	87.9%	95.0%	Average or Below	Population
St. Cloud Medical Group	163	92.0%	86.8%	95.3%	Average or Below	Population
Buffalo Clinic	150	92.0%	86.5%	95.4%	Average or Below	Population
Apple Valley Medical Clinic	62	91.9%	82.5%	96.5%	Average or Below	Population
Avera Health/Avera Tri-State	110	91.8%	85.2%	95.6%	Average or Below	Population
Allina Medical Clinic	1,562	91.7%	90.3%	93.0%	Average or Below	Population
Minnesota Rural Health Cooperative	229	91.7%	87.4%	94.6%	Average or Below	Population
NorthPoint Health And Wellness Center	36	91.7%	78.2%	97.1%	Average or Below	Population
Olmsted Medical Center	117	91.5%	85.0%	95.3%	Average or Below	Population
Innovis Health	105	91.4%	84.5%	95.4%	Average or Below	Population

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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Use of Appropriate Medications for People with Asthma (Ages 5-56) (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		92.1%	91.6%	92.5%		
Fairview Mesaba Clinic	35	91.4%	77.6%	97.0%	Average or Below	Population
MeritCare	326	91.4%	87.9%	94.0%	Average or Below	Population
Silver Lake Clinic	57	91.2%	81.1%	96.2%	Average or Below	Population
Mayo Health System	419	91.2%	88.1%	93.5%	Average or Below	Population
Family HealthServices Minnesota	287	90.9%	87.1%	93.7%	Average or Below	Population
Aspen Medical Group	316	90.8%	87.1%	93.5%	Average or Below	Population
Allina Health System	202	90.6%	85.8%	93.9%	Average or Below	Population
Neighborhood Health Care Network	127	90.6%	84.2%	94.5%	Average or Below	Population
Multicare Associates Of The Twin Cities	105	90.5%	83.4%	94.7%	Average or Below	Population
Edina Family Physicians	51	90.2%	79.0%	95.7%	Average or Below	Population
Ridgeview Clinics	81	90.1%	81.7%	94.9%	Average or Below	Population
HealthEast	302	90.1%	86.2%	93.0%	Average or Below	Population
*MinuteClinic	99	89.9%	82.4%	94.4%	Average or Below	Population
University Of Minnesota Physicians	167	89.8%	84.3%	93.6%	Average or Below	Population
Brainerd Medical Center	67	89.6%	80.0%	94.9%	Average or Below	Population
Altru Health System	102	89.2%	81.7%	93.9%	Average or Below	Population
Quello Clinic	104	88.5%	80.9%	93.3%	Average or Below	Population
Sanford Clinic	234	87.2%	82.3%	90.9%	Average or Below	Population
Winona Health	66	86.4%	76.1%	92.7%	Average or Below	Population
Mid Minnesota Family Medicine Center	36	86.1%	71.3%	93.9%	Average or Below	Population
Family Practice Medical Center Of Willmar	49	85.7%	73.3%	92.9%	Average or Below	Population
North Clinic	112	84.8%	77.0%	90.3%	Average or Below	Population
Northstar Physicians	102	83.3%	74.9%	89.3%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	361	82.0%	77.7%	85.6%	Average or Below	Population
Fergus Falls Medical Group	33	81.8%	65.6%	91.4%	Average or Below	Population
United Family Medicine	45	80.0%	66.2%	89.1%	Average or Below	Population
St. Luke's Clinics	110	77.3%	68.6%	84.1%	Average or Below	Population
SuperiorHealth Center	33	72.7%	55.8%	84.9%	Average or Below	Population

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Use of Appropriate Medications for People with Asthma (ages 5 -17) (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		94.6%	93.9%	95.1%		
Lakeview Clinic	82	100.0%	95.5%	100.0%	Above	Population
Mankato Clinic	53	100.0%	93.2%	100.0%	Average or Below	Population
Metropolitan Pediatric Specialists	94	98.9%	94.2%	99.8%	Average or Below	Population
Affiliated Community Medical Centers	83	98.8%	93.5%	99.8%	Average or Below	Population
Alexandria Clinic	43	97.7%	87.9%	99.6%	Average or Below	Population
St. Cloud Medical Group	71	97.2%	90.3%	99.2%	Average or Below	Population
Allina Health System	34	97.1%	85.1%	99.5%	Average or Below	Population
Children's Physician Network	1,269	96.9%	95.7%	97.7%	Above	Population
HealthEast	95	95.8%	89.7%	98.4%	Average or Below	Population
Avera Health/Avera Tri-State	47	95.7%	85.8%	98.8%	Average or Below	Population
Minnesota Rural Health Cooperative	90	95.6%	89.1%	98.3%	Average or Below	Population
Olmsted Medical Center	45	95.6%	85.2%	98.8%	Average or Below	Population
CentraCare Health System	109	95.4%	89.7%	98.0%	Average or Below	Population
Aspen Medical Group	83	95.2%	88.3%	98.1%	Average or Below	Population
Stillwater Medical Group	61	95.1%	86.5%	98.3%	Average or Below	Population
Hennepin Faculty Associates & HCMC Clinics	97	94.9%	88.5%	97.8%	Average or Below	Population
Neighborhood Health Care Network	56	94.6%	85.4%	98.2%	Average or Below	Population
Fairview Health Services	319	94.4%	91.3%	96.4%	Average or Below	Population
*MinuteClinic	35	94.3%	81.4%	98.4%	Average or Below	Population
MeritCare	100	94.0%	87.5%	97.2%	Average or Below	Population
Park Nicollet Health Services	283	94.0%	90.6%	96.2%	Average or Below	Population
HealthPartners Clinics	457	93.4%	90.8%	95.4%	Average or Below	Population
Mayo Health System	143	93.0%	87.6%	96.2%	Average or Below	Population
Family HealthServices Minnesota	40	92.5%	80.1%	97.4%	Average or Below	Population
Sanford Clinic	77	92.2%	84.0%	96.4%	Average or Below	Population
Altru Health System	38	92.1%	79.2%	97.3%	Average or Below	Population
Allina Medical Clinic	312	92.0%	88.4%	94.5%	Average or Below	Population
Buffalo Clinic	60	91.7%	81.9%	96.4%	Average or Below	Population
Western Wisconsin Medical Associates	35	91.4%	77.6%	97.0%	Average or Below	Population
Mayo Clinic	32	90.6%	75.8%	96.8%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	125	88.8%	82.1%	93.2%	Average or Below	Population
University Of Minnesota Physicians	66	86.4%	76.1%	92.7%	Average or Below	Population

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Use of Appropriate Medications for People with Asthma (Ages 18-56) (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		90.8%	90.2%	91.3%		
Northwest Family Physicians	67	97.0%	89.8%	99.2%	Average or Below	Population
Alexandria Clinic	31	96.8%	83.8%	99.4%	Average or Below	Population
North Memorial Clinic	140	95.7%	91.0%	98.0%	Above	Population
Children’s Physician Network	93	95.7%	89.5%	98.3%	Average or Below	Population
Mayo Clinic	66	95.5%	87.5%	98.4%	Average or Below	Population
Gundersen Clinic	39	94.9%	83.1%	98.6%	Average or Below	Population
St. Croix Regional Medical Center	37	94.6%	82.3%	98.5%	Average or Below	Population
Stillwater Medical Group	163	94.5%	89.8%	97.1%	Average or Below	Population
*Now Care Medical Centers	33	93.9%	80.4%	98.3%	Average or Below	Population
Western Wisconsin Medical Associates	97	93.8%	87.2%	97.1%	Average or Below	Population
Bloomington Lake Clinic	32	93.8%	79.9%	98.3%	Average or Below	Population
Affiliated Community Medical Centers	145	93.1%	87.8%	96.2%	Average or Below	Population
CentraCare Health System	129	93.0%	87.3%	96.3%	Average or Below	Population
Park Nicollet Health Services	943	92.9%	91.1%	94.4%	Above	Population
HealthPartners Clinics	1,164	92.4%	90.8%	93.8%	Average or Below	Population
Buffalo Clinic	90	92.2%	84.8%	96.2%	Average or Below	Population
HealthPartners Central Minnesota Clinics	64	92.2%	83.0%	96.6%	Average or Below	Population
University Of Minnesota Physicians	101	92.1%	85.1%	95.9%	Average or Below	Population
Fairview Health Services	918	91.9%	90.0%	93.5%	Average or Below	Population
Camden Physicians	73	91.8%	83.2%	96.2%	Average or Below	Population
Allina Medical Clinic	1,250	91.7%	90.0%	93.1%	Average or Below	Population
Lakeview Clinic	96	91.7%	84.4%	95.7%	Average or Below	Population
Innovis Health	82	91.5%	83.4%	95.8%	Average or Below	Population
Ridgeview Clinics	69	91.3%	82.3%	96.0%	Average or Below	Population
Family Medical Center	43	90.7%	78.4%	96.3%	Average or Below	Population
Family HealthServices Minnesota	247	90.7%	86.4%	93.7%	Average or Below	Population
Mankato Clinic	74	90.5%	81.7%	95.3%	Average or Below	Population
Edina Family Physicians	42	90.5%	77.9%	96.2%	Average or Below	Population
MeritCare	226	90.3%	85.7%	93.5%	Average or Below	Population
Mayo Health System	276	90.2%	86.1%	93.2%	Average or Below	Population
Hennepin Faculty Associates & HCMC Clinics	131	90.1%	83.8%	94.1%	Average or Below	Population
Apple Valley Medical Clinic	49	89.8%	78.2%	95.6%	Average or Below	Population

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Use of Appropriate Medications for People with Asthma (Ages 18-56) (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		90.8%	90.2%	91.3%		
Brainerd Medical Center	49	89.8%	78.2%	95.6%	Average or Below	Population
Silver Lake Clinic	48	89.6%	77.8%	95.5%	Average or Below	Population
Allina Health System	168	89.3%	83.7%	93.1%	Average or Below	Population
Aspen Medical Group	233	89.3%	84.6%	92.6%	Average or Below	Population
Minnesota Rural Health Cooperative	139	89.2%	83.0%	93.4%	Average or Below	Population
Olmsted Medical Center	72	88.9%	79.6%	94.3%	Average or Below	Population
Avera Health/Avera Tri-State	63	88.9%	78.8%	94.5%	Average or Below	Population
Multicare Associates Of The Twin Cities	76	88.2%	79.0%	93.6%	Average or Below	Population
St. Cloud Medical Group	92	88.0%	79.9%	93.2%	Average or Below	Population
Altru Health System	64	87.5%	77.2%	93.5%	Average or Below	Population
*MinuteClinic	64	87.5%	77.2%	93.5%	Average or Below	Population
HealthEast	207	87.4%	82.2%	91.3%	Average or Below	Population
Neighborhood Health Care Network	71	87.3%	77.6%	93.2%	Average or Below	Population
Winona Health	46	87.0%	74.3%	93.9%	Average or Below	Population
Quello Clinic	83	85.5%	76.4%	91.5%	Average or Below	Population
Northstar Physicians	81	85.2%	75.9%	91.3%	Average or Below	Population
Sanford Clinic	157	84.7%	78.3%	89.5%	Average or Below	Population
North Clinic	94	83.0%	74.1%	89.2%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	236	78.4%	72.7%	83.2%	Average or Below	Population
St. Luke's Clinics	84	75.0%	64.8%	83.0%	Average or Below	Population
United Family Medicine	36	75.0%	58.9%	86.3%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		87.0%	86.7%	87.4%		
Bloomington Lake Clinic	42	97.6%	87.7%	99.6%	Above	Population
Hennepin Faculty Associates & HCMC Clinics	432	96.8%	94.6%	98.1%	Above	Population
Family Practice Medical Center Of Willmar	92	96.7%	90.9%	98.9%	Above	Population
NorthPoint Health And Wellness Center	111	96.4%	91.1%	98.6%	Above	Population
HealthPartners Clinics	2,252	95.7%	94.7%	96.4%	Above	Population
University Of Minnesota Physicians	428	95.6%	93.2%	97.1%	Above	Population
*Physicians Urgent Care	82	95.1%	88.1%	98.1%	Above	Population
*Express Healthcare	189	94.7%	90.5%	97.1%	Above	Population
*Priority Pediatrics Urgent Care	150	94.7%	89.8%	97.3%	Above	Population
*WestHealth Urgent Care	167	94.6%	90.1%	97.1%	Above	Population
*Now Care Medical Centers	37	94.6%	82.3%	98.5%	Average or Below	Population
United Family Medicine	87	94.3%	87.2%	97.5%	Above	Population
North Memorial Clinic	279	93.6%	90.0%	95.9%	Above	Population
Children's Physician Network	4,823	93.5%	92.8%	94.2%	Above	Population
Mille Lacs Clinics	92	93.5%	86.5%	97.0%	Average or Below	Population
Gundersen Clinic	105	93.3%	86.9%	96.7%	Average or Below	Population
*MinuteClinic	936	93.3%	91.5%	94.7%	Above	Population
Camden Physicians	104	93.3%	86.8%	96.7%	Average or Below	Population
Buffalo Clinic	533	93.3%	90.8%	95.1%	Above	Population
HealthEast	414	93.2%	90.4%	95.3%	Above	Population
*Chaska Urgent Care	74	93.2%	85.1%	97.1%	Average or Below	Population
Neighborhood Health Care Network	361	92.8%	89.7%	95.0%	Above	Population
Metropolitan Pediatric Specialists	603	92.7%	90.4%	94.5%	Above	Population
Winona Health	352	92.6%	89.4%	94.9%	Above	Population
Allina Medical Clinic	2,641	92.4%	91.3%	93.3%	Above	Population
Columbia Park Medical Group	105	92.4%	85.7%	96.1%	Average or Below	Population
Grand Itasca Clinic	130	92.3%	86.4%	95.8%	Average or Below	Population
St. Joseph's Medical Center	126	92.1%	86.0%	95.6%	Average or Below	Population
Mayo Clinic	435	91.7%	88.8%	94.0%	Above	Population
Quello Clinic	187	91.4%	86.6%	94.7%	Average or Below	Population
Family Health Medical Clinics	127	91.3%	85.2%	95.1%	Average or Below	Population
Silver Lake Clinic	45	91.1%	79.3%	96.5%	Average or Below	Population
Aspen Medical Group	393	91.1%	87.9%	93.5%	Above	Population
*The Doctor's Office Urgent Care	230	90.9%	86.5%	94.0%	Average or Below	Population
Allina Health System	217	90.8%	86.2%	94.0%	Average or Below	Population
Stillwater Medical Group	443	90.5%	87.4%	92.9%	Above	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		87.0%	86.7%	87.4%		
Northwest Family Physicians	147	90.5%	84.7%	94.2%	Average or Below	Population
North Clinic	94	90.4%	82.8%	94.9%	Average or Below	Population
HealthPartners Central Minnesota Clinics	236	90.3%	85.8%	93.4%	Average or Below	Population
Hutchinson Medical Center	152	90.1%	84.4%	93.9%	Average or Below	Population
MeritCare	994	89.9%	87.9%	91.7%	Above	Population
Family Medical Center	113	89.4%	82.4%	93.8%	Average or Below	Population
Park Nicollet Health Services	2,049	89.1%	87.7%	90.4%	Above	Population
Affiliated Community Medical Centers	630	88.9%	86.2%	91.1%	Average or Below	Population
Stevens Community Medical Center	36	88.9%	74.7%	95.6%	Average or Below	Population
Fairview Health Services	2,410	88.9%	87.6%	90.1%	Above	Population
SuperiorHealth Center	50	88.0%	76.2%	94.4%	Average or Below	Population
Fergus Falls Medical Group	183	88.0%	82.5%	91.9%	Average or Below	Population
CentraCare Health System	525	87.6%	84.5%	90.2%	Average or Below	Population
Family HealthServices Minnesota	384	87.5%	83.8%	90.4%	Average or Below	Population
*Suburban Emergency Associates	80	87.5%	78.5%	93.1%	Average or Below	Population
Sanford Clinic	628	86.9%	84.1%	89.4%	Average or Below	Population
Mid Minnesota Family Medicine Center	43	86.1%	72.7%	93.4%	Average or Below	Population
Lakeview Clinic	351	85.8%	81.7%	89.0%	Average or Below	Population
Riverwood Aitkin Clinic	79	84.8%	75.3%	91.1%	Average or Below	Population
Fairview Mesaba Clinic	110	83.6%	75.6%	89.4%	Average or Below	Population
Osceola Medical Center	41	82.9%	68.7%	91.5%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	790	82.9%	80.1%	85.4%	Average or Below	Population
Western Wisconsin Medical Associates	257	82.9%	77.8%	87.0%	Average or Below	Population
United Hospital District Clinics	35	82.9%	67.3%	91.9%	Average or Below	Population
Innovis Health	332	82.8%	78.4%	86.5%	Average or Below	Population
Unity Family Healthcare - Avon	64	82.8%	71.8%	90.1%	Average or Below	Population
Multicare Associates Of The Twin Cities	219	82.7%	77.1%	87.1%	Average or Below	Population
Mankato Clinic	600	82.5%	79.3%	85.3%	Average or Below	Population
Olmsted Medical Center	574	82.2%	78.9%	85.1%	Average or Below	Population
Apple Valley Medical Clinic	228	81.6%	76.0%	86.1%	Average or Below	Population
Northstar Physicians	212	79.7%	73.8%	84.6%	Average or Below	Population
Lakewood Health System	176	79.6%	73.0%	84.8%	Average or Below	Population
Mayo Health System	1,771	79.1%	77.2%	80.9%	Average or Below	Population
St. Cloud Medical Group	239	79.1%	73.5%	83.8%	Average or Below	Population
Crossroads Medical Centers	40	77.5%	62.5%	87.7%	Average or Below	Population
St. Luke's Clinics	174	76.4%	69.6%	82.1%	Average or Below	Population

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		87.0%	86.7%	87.4%		
Ridgeview Clinics	147	76.2%	68.7%	82.4%	Average or Below	Population
Brainerd Medical Center	482	75.9%	71.9%	79.5%	Average or Below	Population
Altru Health System	323	75.9%	70.9%	80.2%	Average or Below	Population
St. Croix Regional Medical Center	132	73.5%	65.4%	80.3%	Average or Below	Population
Minnesota Rural Health Cooperative	752	73.1%	69.9%	76.2%	Average or Below	Population
Wadena Medical Center	147	70.1%	62.2%	76.9%	Average or Below	Population
Alexandria Clinic	153	68.0%	60.2%	74.9%	Average or Below	Population
Central Lakes Medical Clinic	103	67.0%	57.4%	75.3%	Average or Below	Population
Edina Family Physicians	30	63.3%	45.5%	78.1%	Average or Below	Population
Foley Medical Center	43	62.8%	47.9%	75.6%	Average or Below	Population
Southern Metro Medical Clinics	91	62.6%	52.4%	71.9%	Average or Below	Population
Paynesville Area Health Care System	90	62.2%	51.9%	71.5%	Average or Below	Population
Broadway Medical Center	239	54.4%	48.1%	60.6%	Average or Below	Population
Riverview Clinics	129	50.4%	41.9%	58.9%	Average or Below	Population
Avera Health/Avera Tri-State	676	47.9%	44.2%	51.7%	Average or Below	Population
Parkview Medical Clinic	33	36.4%	22.2%	53.4%	Average or Below	Population
*RapidCare Urgent Care	43	27.9%	16.8%	42.7%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		86.0%	85.6%	86.4%		
*Physicians Urgent Care	66	100.0%	94.5%	100.0%	Above	Population
Silver Lake Clinic	37	100.0%	90.6%	100.0%	Above	Population
*MinuteClinic	2,085	99.2%	98.7%	99.5%	Above	Population
*Priority Pediatrics Urgent Care	166	98.2%	94.8%	99.4%	Above	Population
University Of Minnesota Physicians	91	97.8%	92.3%	99.4%	Above	Population
*St. Francis Medical Clinic - Urgent Care	45	97.8%	88.4%	99.6%	Above	Population
Multicare Associates Of The Twin Cities	223	97.8%	94.9%	99.0%	Above	Population
Regina Medical Center	36	97.2%	85.8%	99.5%	Average or Below	Population
United Family Medicine	36	97.2%	85.8%	99.5%	Average or Below	Population
*The Doctor's Office Urgent Care	136	97.1%	92.7%	98.9%	Above	Population
Baldwin Area Medical Center	31	96.8%	83.8%	99.4%	Average or Below	Population
*Express Healthcare	272	96.7%	93.8%	98.3%	Above	Population
Children's Physician Network	3,577	96.1%	95.4%	96.7%	Above	Population
HealthPartners Clinics	1,154	95.8%	94.4%	96.8%	Above	Population
*WestHealth Urgent Care	188	95.7%	91.8%	97.8%	Above	Population
Parkview Medical Clinic	114	95.6%	90.1%	98.1%	Above	Population
Aspen Medical Group	328	95.4%	92.6%	97.2%	Above	Population
Stillwater Medical Group	405	95.3%	92.8%	97.0%	Above	Population
*Maple Grove Urgent Care	63	95.2%	86.9%	98.4%	Above	Population
Fairview Health Services	1,584	95.0%	93.8%	96.0%	Above	Population
Ridgeview Clinics	112	94.6%	88.8%	97.5%	Above	Population
Family Practice Medical Center Of Willmar	36	94.4%	81.9%	98.5%	Average or Below	Population
Sibley Medical Center	36	94.4%	81.9%	98.5%	Average or Below	Population
Park Nicollet Health Services	1,630	94.4%	93.2%	95.4%	Above	Population
*Now Care Medical Centers	71	94.4%	86.4%	97.8%	Above	Population
HealthEast	401	94.3%	91.5%	96.2%	Above	Population
Grand Itasca Clinic	87	94.3%	87.2%	97.5%	Above	Population
Foley Medical Center	51	94.1%	84.1%	98.0%	Average or Below	Population
CentraCare Health System	415	93.5%	90.7%	95.5%	Above	Population
Winona Health	169	93.5%	88.7%	96.3%	Above	Population
Neighborhood Health Care Network	152	93.4%	88.3%	96.4%	Above	Population
Parkway Family Physicians	30	93.3%	78.7%	98.2%	Average or Below	Population
*Chaska Urgent Care	104	93.3%	86.8%	96.7%	Above	Population
Hennepin Faculty Associates & HCMC Clinics	163	93.3%	88.3%	96.2%	Above	Population
North Clinic	44	93.2%	81.8%	97.7%	Average or Below	Population
Northwest Family Physicians	160	93.1%	88.1%	96.1%	Above	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample ⁻
Medical Group Average		86.0%	85.6%	86.4%		
Camden Physicians	40	92.5%	80.1%	97.4%	Average or Below	Population
HealthPartners Central Minnesota Clinics	266	92.5%	88.7%	95.1%	Above	Population
Northstar Physicians	154	92.2%	86.9%	95.5%	Above	Population
Apple Valley Medical Clinic	286	92.0%	88.2%	94.6%	Above	Population
Buffalo Clinic	297	91.9%	88.3%	94.5%	Above	Population
*Suburban Emergency Associates	52	90.4%	79.4%	95.8%	Average or Below	Population
Quello Clinic	175	90.3%	85.0%	93.9%	Average or Below	Population
Western Wisconsin Medical Associates	267	89.9%	85.7%	93.0%	Average or Below	Population
Family Health Medical Clinics	68	89.7%	80.2%	94.9%	Average or Below	Population
Lakeview Clinic	268	89.6%	85.3%	92.7%	Average or Below	Population
St. Cloud Medical Group	521	89.4%	86.5%	91.8%	Above	Population
Columbia Park Medical Group	55	89.1%	78.2%	94.9%	Average or Below	Population
Hutchinson Medical Center	100	89.0%	81.4%	93.8%	Average or Below	Population
Allina Health System	206	88.8%	83.8%	92.4%	Average or Below	Population
Allina Medical Clinic	1,439	87.7%	85.9%	89.3%	Average or Below	Population
Amery Regional Medical Center	44	86.4%	73.3%	93.6%	Average or Below	Population
Olmsted Medical Center	340	86.2%	82.1%	89.4%	Average or Below	Population
Paynesville Area Health Care System	103	85.4%	77.4%	91.0%	Average or Below	Population
Family HealthServices Minnesota	199	84.9%	79.3%	89.2%	Average or Below	Population
Southern Metro Medical Clinics	95	84.2%	75.6%	90.2%	Average or Below	Population
Gundersen Clinic	73	83.6%	73.4%	90.3%	Average or Below	Population
Unity Family Healthcare - Avon	94	83.0%	74.1%	89.2%	Average or Below	Population
St. Luke's Clinics	103	81.6%	73.0%	87.9%	Average or Below	Population
North Memorial Clinic	90	81.1%	71.8%	87.9%	Average or Below	Population
Mankato Clinic	379	80.7%	76.5%	84.4%	Average or Below	Population
Fergus Falls Medical Group	92	79.4%	70.0%	86.4%	Average or Below	Population
Family Medical Center	169	79.3%	72.6%	84.7%	Average or Below	Population
MeritCare	595	78.8%	75.4%	81.9%	Average or Below	Population
Crossroads Medical Centers	49	77.6%	64.1%	87.0%	Average or Below	Population
Mayo Clinic	165	75.8%	68.7%	81.7%	Average or Below	Population
Catalyst Medical Clinic	36	75.0%	58.9%	86.3%	Average or Below	Population
Alexandria Clinic	161	74.5%	67.3%	80.6%	Average or Below	Population
Sanford Clinic	253	74.3%	68.6%	79.3%	Average or Below	Population
St. Joseph's Medical Center	128	74.2%	66.0%	81.0%	Average or Below	Population
Mayo Health System	1,341	73.9%	71.5%	76.2%	Average or Below	Population
Affiliated Community Medical Centers	407	73.0%	68.5%	77.1%	Average or Below	Population

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

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		86.0%	85.6%	86.4%		
St. Croix Regional Medical Center	81	72.8%	62.3%	81.3%	Average or Below	Population
Mid Minnesota Family Medicine Center	33	72.7%	55.8%	84.9%	Above	Population
St. Mary's/Duluth Clinic Health System	289	71.6%	66.2%	76.5%	Above	Population
Minnesota Rural Health Cooperative	618	71.2%	67.5%	74.6%	Above	Population
Innovis Health	258	69.0%	63.1%	74.3%	Above	Population
Central Lakes Medical Clinic	70	67.1%	55.5%	77.0%	Average or Below	Population
Wadena Medical Center	146	66.4%	58.4%	73.6%	Average or Below	Population
Brainerd Medical Center	396	66.4%	61.6%	70.9%	Average or Below	Population
Broadway Medical Center	92	64.1%	54.0%	73.2%	Average or Below	Population
Mille Lacs Clinics	38	55.3%	39.7%	69.9%	Average or Below	Population
Avera Health/Avera Tri-State	325	55.1%	49.6%	60.4%	Above	Population
Altru Health System	206	53.9%	47.1%	60.6%	Average or Below	Population
Stevens Community Medical Center	42	52.4%	37.7%	66.6%	Average or Below	Population
Lakewood Health System	73	49.3%	38.2%	60.5%	Average or Below	Population
Fairview Mesaba Clinic	67	35.8%	25.4%	47.8%	Average or Below	Population
Riverwood Aitkin Clinic	62	32.3%	22.0%	44.6%	Average or Below	Population
Riverview Clinics	82	29.3%	20.5%	39.9%	Average or Below	Population
*RapidCare Urgent Care	77	7.8%	3.6%	16.0%	Average or Below	Population
Metropolitan Pediatric Specialists	344	7.6%	5.2%	10.8%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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Avoidance of Antibiotic Treatment for Adult Bronchitis (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		19.3%	18.8%	19.8%		
Apple Valley Medical Clinic	35	62.9%	46.3%	76.8%	Above	Population
Hennepin Faculty Associates & HCMC Clinics	31	48.4%	32.0%	65.2%	Above	Population
Neighborhood Health Care Network	101	46.5%	37.1%	56.2%	Above	Population
Winona Health	105	43.8%	34.7%	53.4%	Above	Population
Burnsville Family Physicians	58	43.1%	31.2%	55.9%	Above	Population
Western Wisconsin Medical Associates	31	41.9%	26.4%	59.2%	Above	Population
*MinuteClinic	1,006	39.4%	36.4%	42.4%	Above	Population
Gundersen Clinic	35	37.1%	23.2%	53.7%	Above	Population
Camden Physicians	129	28.7%	21.6%	37.0%	Above	Population
Family HealthServices Minnesota	590	25.4%	22.1%	29.1%	Above	Population
Aspen Medical Group	373	24.7%	20.6%	29.3%	Above	Population
HealthPartners Clinics	665	22.4%	19.4%	25.7%	Above	Population
Central Lakes Medical Clinic	52	28.9%	18.3%	42.3%	Average or Below	Population
Sanford Clinic	127	26.0%	19.1%	34.2%	Average or Below	Population
*Suburban Emergency Associates	81	25.9%	17.6%	36.4%	Average or Below	Population
Family Health Medical Clinics	45	24.4%	14.2%	38.7%	Average or Below	Population
*Express Healthcare	156	24.4%	18.3%	31.7%	Average or Below	Population
University Of Minnesota Physicians	71	23.9%	15.5%	35.0%	Average or Below	Population
Altru Health System	35	22.9%	12.1%	39.0%	Average or Below	Population
St. Luke's Clinics	127	22.8%	16.4%	30.9%	Average or Below	Population
Allina Health System	216	21.8%	16.8%	27.7%	Average or Below	Population
Northwest Family Physicians	157	21.7%	15.9%	28.7%	Average or Below	Population
HealthEast	105	21.0%	14.3%	29.7%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	456	20.8%	17.4%	24.8%	Average or Below	Population
Unity Family Healthcare - Avon	39	20.5%	10.8%	35.5%	Average or Below	Population
Fairview Health Services	1,867	20.0%	18.3%	21.9%	Average or Below	Population
Alexandria Clinic	162	19.8%	14.4%	26.6%	Average or Below	Population
*Now Care Medical Centers	541	18.9%	15.8%	22.4%	Average or Below	Population
Mankato Clinic	60	18.3%	10.6%	29.9%	Average or Below	Population
*WestHealth Urgent Care	33	18.2%	8.6%	34.4%	Average or Below	Population
North Memorial Clinic	115	17.4%	11.6%	25.3%	Average or Below	Population
North Clinic	141	17.0%	11.7%	24.1%	Average or Below	Population
*Maple Grove Urgent Care	73	16.4%	9.7%	26.6%	Average or Below	Population
Richfield Medical Group	62	16.1%	9.0%	27.2%	Average or Below	Population
Stevens Community Medical Center	31	16.1%	7.1%	32.6%	Average or Below	Population
Buffalo Clinic	268	16.0%	12.1%	20.9%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Avoidance of Antibiotic Treatment for Adult Bronchitis (Medical Group Level Results)

Medical Group Name (* = Urgent Care)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		19.3%	18.8%	19.8%		
St. Croix Regional Medical Center	100	16.0%	10.1%	24.4%	Average or Below	Population
Stillwater Medical Group	121	15.7%	10.3%	23.2%	Average or Below	Population
Lakeview Clinic	134	15.7%	10.5%	22.8%	Average or Below	Population
Bloomington Lake Clinic	64	15.6%	8.7%	26.4%	Average or Below	Population
*Physicians Urgent Care	64	15.6%	8.7%	26.4%	Average or Below	Population
France Avenue Family Physicians	90	15.6%	9.5%	24.4%	Average or Below	Population
HealthPartners Central Minnesota Clinics	181	14.9%	10.5%	20.8%	Average or Below	Population
Avera Health/Avera Tri-State	163	14.7%	10.1%	21.0%	Average or Below	Population
Edina Family Physicians	209	14.4%	10.2%	19.8%	Average or Below	Population
Quello Clinic	197	14.2%	10.0%	19.8%	Average or Below	Population
Ridgeview Clinics	205	14.2%	10.0%	19.6%	Average or Below	Population
Park Nicollet Health Services	2,126	14.1%	12.7%	15.6%	Average or Below	Population
Allina Medical Clinic	2,739	13.8%	12.5%	15.1%	Average or Below	Population
*Chaska Urgent Care	37	13.5%	5.9%	28.0%	Average or Below	Population
MeritCare	454	13.4%	10.6%	16.9%	Average or Below	Population
St. Cloud Medical Group	355	13.0%	9.9%	16.9%	Average or Below	Population
Parkview Medical Clinic	78	12.8%	7.1%	22.0%	Average or Below	Population
Wadena Medical Center	72	12.5%	6.7%	22.1%	Average or Below	Population
*RapidCare Urgent Care	48	12.5%	5.9%	24.7%	Average or Below	Population
Family Medical Center	139	12.2%	7.8%	18.7%	Average or Below	Population
Edina Sports Health & Wellness	41	12.2%	5.3%	25.5%	Average or Below	Population
Mayo Clinic	41	12.2%	5.3%	25.5%	Average or Below	Population
Minnesota Rural Health Cooperative	257	12.1%	8.6%	16.6%	Average or Below	Population
Parkway Family Physicians	34	11.8%	4.7%	26.6%	Average or Below	Population
Mayo Health System	758	11.7%	9.6%	14.2%	Average or Below	Population
CentraCare Health System	123	11.4%	6.9%	18.2%	Average or Below	Population
Hutchinson Medical Center	173	11.0%	7.1%	16.5%	Average or Below	Population
Brainerd Medical Center	148	10.8%	6.8%	16.8%	Average or Below	Population
Fergus Falls Medical Group	109	10.1%	5.7%	17.2%	Average or Below	Population
Southern Metro Medical Clinics	70	10.0%	4.9%	19.2%	Average or Below	Population
St. Joseph's Medical Center	40	10.0%	4.0%	23.1%	Average or Below	Population
Olmsted Medical Center	128	9.4%	5.4%	15.7%	Average or Below	Population
Family Practice Medical Center Of Willmar	55	9.1%	4.0%	19.6%	Average or Below	Population
Broadway Medical Center	48	8.3%	3.3%	19.6%	Average or Below	Population
Innovis Health	229	7.9%	5.0%	12.1%	Average or Below	Population
Affiliated Community Medical Centers	560	6.4%	4.7%	8.8%	Average or Below	Population

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Breast Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample*
Medical Group Average		82.5%	82.3%	82.7%		
^Northland Ob-Gyn Assoc.	56	96.4%	87.9%	99.0%	Above	Population
^Comprehensive Healthcare For Women	54	96.3%	87.5%	99.0%	Above	Population
^Paul Larson Ob/Gyn Clinic	319	95.3%	92.4%	97.1%	Above	Population
^Partners Ob/Gyn	224	94.2%	90.3%	96.6%	Above	Population
^Southdale Ob/Gyn Consultants	262	93.9%	90.3%	96.2%	Above	Population
^Women's Health Consultants	81	93.8%	86.4%	97.3%	Above	Population
^Clinic Sofia Ob/Gyn	90	93.3%	86.2%	96.9%	Above	Population
^Metropolitan Ob & Gyn	187	93.1%	88.5%	95.9%	Above	Population
^John A. Haugen Assoc.	169	92.9%	88.0%	95.9%	Above	Population
^Diamond Women's Center	172	91.9%	86.8%	95.1%	Above	Population
^New Spirit Women's Clinic	73	91.8%	83.2%	96.2%	Above	Population
^Obstetrics, Gyn & Infertility	151	91.4%	85.8%	94.9%	Above	Population
^Obstetrics & Gynecology Associates	232	91.4%	87.1%	94.4%	Above	Population
Riverwood Aitkin Clinic	254	90.9%	86.8%	93.9%	Above	Population
^Obstetrics & Gynecology West	167	90.4%	85.0%	94.0%	Above	Population
HealthPartners Central Minnesota Clinics	1,048	90.4%	88.4%	92.0%	Above	Population
^Western Ob/Gyn	102	90.2%	82.9%	94.6%	Above	Population
^Oakdale Ob/Gyn	159	89.9%	84.3%	93.7%	Above	Population
Edina Family Physicians	812	89.4%	87.1%	91.3%	Above	Population
Gundersen Clinic	512	88.9%	85.9%	91.3%	Above	Population
HealthPartners Clinics	18,560	88.7%	88.3%	89.2%	Above	Population
Mayo Clinic	1,172	88.2%	86.3%	90.0%	Above	Population
Stevens Community Medical Center	75	88.0%	78.7%	93.6%	Average or Below	Population
Park Nicollet Health Services	11,687	87.4%	86.8%	88.0%	Above	Population
Southdale Internal Medicine	189	87.3%	81.8%	91.3%	Average or Below	Population
Alexandria Clinic	517	87.2%	84.1%	89.8%	Above	Population
Catalyst Medical Clinic	58	86.2%	75.1%	92.8%	Average or Below	Population
North Clinic	1,622	85.9%	84.1%	87.5%	Above	Population
Olmsted Medical Center	940	85.7%	83.4%	87.8%	Above	Population
Clearwater Health Services	49	85.7%	73.3%	92.9%	Average or Below	Population
Burnsville Family Physicians	382	85.6%	81.7%	88.8%	Average or Below	Population
CentraCare Health System	1,741	85.5%	83.8%	87.1%	Above	Population
Metropolitan Medcial Associates	190	85.3%	79.5%	89.6%	Average or Below	Population
Camden Physicians	963	85.3%	82.9%	87.4%	Above	Population
Grand Itasca Clinic	255	85.1%	80.2%	89.0%	Average or Below	Population
Mankato Clinic	1,659	85.1%	83.3%	86.7%	Above	Population

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Breast Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		82.5%	82.3%	82.7%		
Aspen Medical Group	2,835	84.9%	83.5%	86.2%	Above	Population
Fergus Falls Medical Group	474	84.2%	80.6%	87.2%	Average or Below	Population
Sanford Clinic	1,730	84.1%	82.3%	85.7%	Average or Below	Population
Affiliated Community Medical Centers	1,786	83.8%	82.0%	85.5%	Average or Below	Population
Riverview Clinics	74	83.8%	73.8%	90.5%	Average or Below	Population
Brainerd Medical Center	864	83.5%	80.8%	85.8%	Average or Below	Population
Barnesville Area Clinic	30	83.3%	66.4%	92.7%	Average or Below	Population
MeritCare	2,896	83.3%	81.9%	84.6%	Average or Below	Population
Allina Health System	2,159	83.1%	81.5%	84.7%	Average or Below	Population
Lakeview Clinic	1,020	83.1%	80.7%	85.3%	Average or Below	Population
Quello Clinic	1,043	83.0%	80.6%	85.2%	Average or Below	Population
Central Lakes Medical Clinic	349	82.8%	78.5%	86.4%	Average or Below	Population
Edina Sports Health & Wellness	298	82.6%	77.8%	86.4%	Average or Below	Population
Family Health Medical Clinics	146	82.2%	75.2%	87.6%	Average or Below	Population
HealthEast	3,058	82.2%	80.8%	83.5%	Average or Below	Population
Fairview Health Services	9,579	82.0%	81.3%	82.8%	Average or Below	Population
St. Croix Regional Medical Center	449	82.0%	78.1%	85.2%	Average or Below	Population
Altru Health System	613	81.9%	78.7%	84.7%	Average or Below	Population
Bloomington Lake Clinic	535	81.9%	78.4%	84.9%	Average or Below	Population
Allina Medical Clinic	13,556	81.6%	81.0%	82.3%	Average or Below	Population
Family Practice Medical Center Of Willmar	243	81.5%	76.1%	85.9%	Average or Below	Population
*WestHealth Urgent Care	145	81.4%	74.3%	86.9%	Average or Below	Population
St. Luke's Clinics	1,125	81.2%	78.8%	83.3%	Average or Below	Population
Paynesville Area Health Care System	285	81.1%	76.1%	85.2%	Average or Below	Population
Avera Health/Avera Tri-State	775	81.0%	78.1%	83.6%	Average or Below	Population
St. Cloud Medical Group	1,119	80.9%	78.5%	83.1%	Average or Below	Population
Mayo Health System	3,918	80.6%	79.4%	81.8%	Average or Below	Population
Consultants Internal Medicine	275	80.4%	75.3%	84.6%	Average or Below	Population
Lakewood Health Center Clinic	35	80.0%	64.1%	90.0%	Average or Below	Population
Buffalo Clinic	731	79.9%	76.8%	82.6%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	2,401	79.8%	78.2%	81.4%	Average or Below	Population
Southern Metro Medical Clinics	193	79.8%	73.6%	84.9%	Average or Below	Population
Family Medical Center	385	79.7%	75.4%	83.5%	Average or Below	Population
Family HealthServices Minnesota	4,197	79.7%	78.5%	80.9%	Average or Below	Population
Hennepin Faculty Associates & HCMC Clinics	1,072	79.5%	77.0%	81.8%	Average or Below	Population
Northwest Family Physicians	774	79.5%	76.5%	82.2%	Average or Below	Population

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Breast Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		82.5%	82.3%	82.7%		
Innovis Health	960	79.4%	76.7%	81.8%	Above	Population
Multicare Associates Of The Twin Cities	843	79.4%	76.5%	82.0%	Average or Below	Population
Parkview Medical Clinic	101	79.2%	70.3%	86.0%	Average or Below	Population
Stillwater Medical Group	2,518	79.1%	77.5%	80.7%	Average or Below	Population
Minnesota Rural Health Cooperative	1,578	79.0%	77.0%	81.0%	Average or Below	Population
Winona Health	555	78.7%	75.1%	81.9%	Average or Below	Population
Broadway Medical Center	344	78.5%	73.8%	82.5%	Average or Below	Population
Western Wisconsin Medical Associates	1,119	78.5%	76.0%	80.8%	Average or Below	Population
Silver Lake Clinic	665	78.4%	75.1%	81.3%	Average or Below	Population
Apple Valley Medical Clinic	776	78.1%	75.1%	80.9%	Average or Below	Population
^Adefris & Toppin Women's Specialists	45	77.8%	63.7%	87.5%	Average or Below	Population
North Memorial Clinic	1,305	77.6%	75.3%	79.8%	Average or Below	Population
AALFA Family Clinic	84	77.4%	67.4%	85.0%	Average or Below	Population
Osceola Medical Center	184	77.2%	70.6%	82.7%	Average or Below	Population
Parkway Family Physicians	92	77.2%	67.6%	84.6%	Average or Below	Population
Northstar Physicians	888	76.8%	73.9%	79.5%	Average or Below	Population
Mille Lacs Clinics	196	76.5%	70.1%	81.9%	Average or Below	Population
University Of Minnesota Physicians	1,031	76.0%	73.3%	78.6%	Average or Below	Population
Fairview Mesaba Clinic	268	75.8%	70.3%	80.5%	Average or Below	Population
Amery Regional Medical Center	304	75.7%	70.5%	80.1%	Average or Below	Population
Ridgeview Clinics	809	75.2%	72.1%	78.0%	Average or Below	Population
*Express Healthcare	36	75.0%	58.9%	86.3%	Average or Below	Population
Scenic Rivers Health Services	102	74.5%	65.3%	82.0%	Average or Below	Population
Graceville Health Center Clinic	35	74.3%	57.9%	85.8%	Average or Below	Population
St. Joseph's Medical Center	304	74.0%	68.8%	78.6%	Average or Below	Population
Lakewood Health System	243	73.7%	67.8%	78.8%	Average or Below	Population
France Avenue Family Physicians	257	73.5%	67.8%	78.6%	Average or Below	Population
NorthPoint Health And Wellness Center	67	73.1%	61.5%	82.3%	Average or Below	Population
Sibley Medical Center	74	73.0%	61.9%	81.8%	Average or Below	Population
Baldwin Area Medical Center	144	72.9%	65.1%	79.5%	Average or Below	Population
Hutchinson Medical Center	693	72.9%	69.4%	76.1%	Average or Below	Population
Unity Family Healthcare - Avon	110	72.7%	63.7%	80.2%	Average or Below	Population
Family Medicine Of Winona	159	72.3%	64.9%	78.7%	Average or Below	Population
SuperiorHealth Center	296	72.3%	66.9%	77.1%	Average or Below	Population
Foley Medical Center	86	72.1%	61.8%	80.5%	Average or Below	Population
Richfield Medical Group	240	71.7%	65.7%	77.0%	Average or Below	Population

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Breast Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		82.5%	82.3%	82.7%		
Kittson Memorial Clinic	66	71.2%	59.4%	80.7%	Above	Population
United Family Medicine	259	70.7%	64.8%	75.9%	Average or Below	Population
Riverside Family Physicians	110	70.0%	60.9%	77.8%	Average or Below	Population
Wadena Medical Center	211	69.7%	63.2%	75.5%	Average or Below	Population
Lake View Clinic-Two Harbors	89	67.4%	57.1%	76.3%	Average or Below	Population
Mid Minnesota Family Medicine Center	79	65.8%	54.9%	75.3%	Average or Below	Population
*MinuteClinic	430	61.9%	57.2%	66.3%	Average or Below	Population
*Now Care Medical Centers	307	61.6%	56.0%	66.8%	Average or Below	Population
Neighborhood Health Care Network	442	61.3%	56.7%	65.7%	Average or Below	Population
Cedar Riverside People's Center	44	56.8%	42.2%	70.3%	Average or Below	Population
Lakeville Integrative Medicine Clinic	35	54.3%	38.2%	69.5%	Average or Below	Population

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Cervical Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		80.5%	80.3%	80.7%		
^Southdale Ob/Gyn Consultants	495	99.8%	98.9%	100.0%	Above	Population
^Diamond Women's Center	381	99.5%	98.1%	99.9%	Above	Population
^Clinic Sofia Ob/Gyn	188	98.9%	96.2%	99.7%	Above	Population
^John A. Haugen Assoc.	445	98.9%	97.4%	99.5%	Above	Population
^Metropolitan Ob & Gyn	411	98.1%	96.2%	99.0%	Above	Population
^Obstetrics & Gynecology West	380	97.9%	95.9%	98.9%	Above	Population
^Obstetrics, Gyn & Infertility	441	97.7%	95.9%	98.8%	Above	Population
^Western Ob/Gyn	285	97.5%	95.0%	98.8%	Above	Population
^Women's Health Consultants	240	97.5%	94.7%	98.9%	Above	Population
^Adefris & Toppin Women's Specialists	155	97.4%	93.6%	99.0%	Above	Population
^Paul Larson Ob/Gyn Clinic	486	96.7%	94.7%	98.0%	Above	Population
^Advanced Specialty Care For Women	52	96.2%	87.0%	98.9%	Above	Population
^Oakdale Ob/Gyn	517	96.1%	94.1%	97.5%	Above	Population
^Obstetrics & Gynecology Associates	706	96.0%	94.3%	97.2%	Above	Population
^Northland Ob-Gyn Assoc.	119	95.0%	89.4%	97.7%	Above	Population
^Partners Ob/Gyn	497	94.2%	91.8%	95.9%	Above	Population
^Comprehensive Healthcare For Women	135	93.3%	87.8%	96.5%	Above	Population
Edina Family Physicians	936	90.3%	88.2%	92.0%	Above	Population
Burnsville Family Physicians	420	88.6%	85.2%	91.3%	Above	Population
Silver Lake Clinic	895	85.1%	82.7%	87.3%	Above	Population
Lakeville Integrative Medicine Clinic	47	85.1%	72.3%	92.6%	Average or Below	Population
*WestHealth Urgent Care	243	84.8%	79.7%	88.8%	Average or Below	Population
Park Nicollet Health Services	18,097	84.7%	84.2%	85.2%	Above	Population
Children's Physician Network	58	84.5%	73.1%	91.6%	Average or Below	Population
Sanford Clinic	3,290	84.0%	82.8%	85.3%	Above	Population
Edina Sports Health & Wellness	396	83.8%	79.9%	87.1%	Average or Below	Population
CentraCare Health System	2,753	83.8%	82.4%	85.1%	Above	Population
HealthPartners Clinics	35,007	83.7%	83.3%	84.1%	Above	Population
France Avenue Family Physicians	350	83.7%	79.5%	87.2%	Average or Below	Population
Quello Clinic	1,510	83.6%	81.6%	85.4%	Above	Population
North Clinic	2,316	83.1%	81.5%	84.6%	Above	Population
Family Practice Medical Center Of Willmar	308	83.1%	78.5%	86.9%	Average or Below	Population
Lakeview Clinic	1,365	82.5%	80.4%	84.4%	Average or Below	Population
Parkview Medical Clinic	137	82.5%	75.3%	87.9%	Average or Below	Population
Buffalo Clinic	1,418	82.4%	80.4%	84.3%	Average or Below	Population
Fairview Health Services	14,586	82.3%	81.7%	82.9%	Above	Population

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Cervical Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		80.5%	80.3%	80.7%		
Osceola Medical Center	229	82.1%	76.6%	86.5%	Average or Below	Population
Aspen Medical Group	3,902	81.8%	80.6%	83.0%	Above	Population
Alexandria Clinic	671	81.7%	78.6%	84.4%	Average or Below	Population
HealthPartners Central Minnesota Clinics	2,066	81.6%	79.9%	83.2%	Average or Below	Population
Graceville Health Center Clinic	48	81.3%	68.1%	89.8%	Average or Below	Population
Allina Health System	3,190	80.8%	79.4%	82.1%	Average or Below	Population
Bloomington Lake Clinic	631	80.8%	77.6%	83.7%	Average or Below	Population
Allina Medical Clinic	21,168	80.7%	80.2%	81.3%	Average or Below	Population
St. Cloud Medical Group	1,577	80.7%	78.7%	82.6%	Average or Below	Population
Catalyst Medical Clinic	101	80.2%	71.4%	86.8%	Average or Below	Population
Camden Physicians	1,299	80.1%	77.9%	82.2%	Average or Below	Population
Multicare Associates Of The Twin Cities	1,178	80.1%	77.8%	82.3%	Average or Below	Population
Mankato Clinic	1,871	80.1%	78.2%	81.8%	Average or Below	Population
Avera Health/Avera Tri-State	957	79.8%	77.2%	82.3%	Average or Below	Population
Parkway Family Physicians	94	79.8%	70.6%	86.7%	Average or Below	Population
Stillwater Medical Group	3,350	79.8%	78.4%	81.1%	Average or Below	Population
Affiliated Community Medical Centers	1,860	79.7%	77.8%	81.5%	Average or Below	Population
Western Wisconsin Medical Associates	1,657	79.6%	77.6%	81.5%	Average or Below	Population
Baldwin Area Medical Center	232	79.3%	73.6%	84.0%	Average or Below	Population
Altru Health System	795	79.0%	76.0%	81.7%	Average or Below	Population
*Physicians Urgent Care	38	79.0%	63.7%	88.9%	Average or Below	Population
MeritCare	3,875	78.9%	77.6%	80.2%	Average or Below	Population
HealthEast	4,226	78.6%	77.3%	79.8%	Average or Below	Population
Consultants Internal Medicine	231	78.4%	72.6%	83.2%	Average or Below	Population
Richfield Medical Group	229	78.2%	72.4%	83.0%	Average or Below	Population
St. Croix Regional Medical Center	471	77.9%	74.0%	81.4%	Average or Below	Population
Northwest Family Physicians	1,155	77.8%	75.4%	80.1%	Average or Below	Population
University Of Minnesota Physicians	2,285	77.8%	76.1%	79.5%	Average or Below	Population
NorthPoint Health And Wellness Center	338	77.8%	73.1%	81.9%	Average or Below	Population
Riverside Family Physicians	126	77.8%	69.8%	84.2%	Average or Below	Population
Southdale Internal Medicine	175	77.7%	71.0%	83.3%	Average or Below	Population
Olmsted Medical Center	1,442	77.5%	75.2%	79.5%	Average or Below	Population
Unity Family Healthcare - Avon	195	77.4%	71.1%	82.7%	Average or Below	Population
Riverwood Aitkin Clinic	270	77.4%	72.1%	82.0%	Average or Below	Population
North Memorial Clinic	1,745	77.1%	75.1%	79.0%	Average or Below	Population
Metropolitan Medcial Associates	157	77.1%	69.9%	83.0%	Average or Below	Population

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Cervical Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample ⁻
Medical Group Average		80.5%	80.3%	80.7%		
Stevens Community Medical Center	108	76.9%	68.1%	83.8%	Average or Below	Population
Hennepin Faculty Associates & HCMC Clinics	2,017	76.8%	74.9%	78.6%	Average or Below	Population
Innovis Health	1,161	76.7%	74.2%	79.1%	Average or Below	Population
Apple Valley Medical Clinic	1,025	76.7%	74.0%	79.2%	Average or Below	Population
Grand Itasca Clinic	277	76.5%	71.2%	81.1%	Average or Below	Population
Southern Metro Medical Clinics	255	76.5%	70.9%	81.3%	Average or Below	Population
Healing Spirit Clinic	34	76.5%	60.0%	87.6%	Average or Below	Population
Family Medical Center	667	76.5%	73.1%	79.5%	Average or Below	Population
Gundersen Clinic	510	76.3%	72.4%	79.8%	Average or Below	Population
Ridgeview Clinics	1,157	76.2%	73.7%	78.6%	Average or Below	Population
United Family Medicine	604	76.0%	72.4%	79.2%	Average or Below	Population
Family Health Medical Clinics	247	75.7%	70.0%	80.6%	Average or Below	Population
Paynesville Area Health Care System	365	75.6%	71.0%	79.7%	Average or Below	Population
Family HealthServices Minnesota	5,191	75.5%	74.3%	76.6%	Average or Below	Population
Minnesota Rural Health Cooperative	1,975	75.4%	73.5%	77.3%	Average or Below	Population
*Express Healthcare	158	75.3%	68.1%	81.4%	Average or Below	Population
Mid Minnesota Family Medicine Center	265	75.1%	69.6%	79.9%	Average or Below	Population
AALFA Family Clinic	144	75.0%	67.3%	81.4%	Average or Below	Population
Wadena Medical Center	251	74.9%	69.2%	79.9%	Average or Below	Population
Winona Clinic	654	74.8%	71.3%	78.0%	Average or Below	Population
Broadway Medical Center	403	74.7%	70.2%	78.7%	Average or Below	Population
*Chaska Urgent Care	51	74.5%	61.1%	84.5%	Average or Below	Population
Clearwater Health Services	47	74.5%	60.5%	84.8%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	3,824	74.4%	73.0%	75.8%	Average or Below	Population
*MinuteClinic	1,245	73.9%	71.4%	76.3%	Average or Below	Population
Neighborhood Health Care Network	1,621	73.6%	71.4%	75.7%	Average or Below	Population
Lakewood Health System	397	73.6%	69.0%	77.7%	Average or Below	Population
Mayo Clinic	1,289	73.5%	71.0%	75.8%	Average or Below	Population
Amery Regional Medical Center	284	73.2%	67.8%	78.1%	Average or Below	Population
SuperiorHealth Center	360	73.1%	68.3%	77.4%	Average or Below	Population
St. Luke's Clinics	1,559	72.9%	70.7%	75.1%	Average or Below	Population
New Spirit Women's Clinic	70	72.9%	61.5%	81.9%	Average or Below	Population
Northstar Physicians	1,116	72.3%	69.6%	74.9%	Average or Below	Population
Mayo Health System	4,987	72.1%	70.9%	73.3%	Average or Below	Population
Brainerd Medical Center	1,088	71.8%	69.0%	74.4%	Average or Below	Population
Family Medicine Of Winona	198	71.7%	65.1%	77.5%	Average or Below	Population

- Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Cervical Cancer Screening (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		80.5%	80.3%	80.7%		
Mille Lacs Clinics	265	71.3%	65.6%	76.4%	Average or Below	Population
Scenic Rivers Health Services	129	71.3%	63.0%	78.4%	Average or Below	Population
Hutchinson Medical Center	884	70.6%	67.5%	73.5%	Average or Below	Population
Fairview Mesaba Clinic	440	70.2%	65.8%	74.3%	Average or Below	Population
Fergus Falls Medical Group	605	69.9%	66.2%	73.4%	Average or Below	Population
Barnesville Area Clinic	32	68.8%	51.4%	82.1%	Average or Below	Population
Central Lakes Medical Clinic	397	68.3%	63.5%	72.7%	Average or Below	Population
St. Paul Family Medical Center	78	68.0%	57.0%	77.3%	Average or Below	Population
Foley Medical Center	137	67.9%	59.7%	75.1%	Average or Below	Population
St. Joseph's Medical Center	394	67.8%	63.0%	72.2%	Average or Below	Population
Sibley Medical Center	105	67.6%	58.2%	75.8%	Average or Below	Population
Riverview Clinics	130	66.9%	58.5%	74.4%	Average or Below	Population
*Now Care Medical Centers	541	64.1%	60.0%	68.1%	Average or Below	Population
Lake View Clinic-Two Harbors	101	63.4%	53.6%	72.1%	Average or Below	Population
First Care Medical Services	30	63.3%	45.5%	78.1%	Average or Below	Population
Cedar Riverside People's Center	149	61.1%	53.1%	68.5%	Average or Below	Population
Lakewood Health Center Clinic	40	57.5%	42.2%	71.5%	Average or Below	Population
Kittson Memorial Clinic	69	53.6%	42.0%	64.9%	Average or Below	Population
Johnson Street Clinic	49	49.0%	35.6%	62.5%	Average or Below	Population
Dr. Bobby K. Yang Medical Clinic	35	48.6%	33.0%	64.4%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Colorectal Cancer Screening (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		71.5%	70.5%	72.5%		
Lakeview Clinic	64	94.0%	85.4%	97.7%	Above	Sample
Mayo Clinic	101	91.7%	84.7%	95.7%	Above	Sample
Alexandria Clinic	65	90.7%	81.2%	95.7%	Above	Sample
North Clinic	120	90.3%	83.7%	94.4%	Above	Sample
Stillwater Medical Group	83	89.1%	80.6%	94.1%	Above	Sample
CentraCare Health System	100	87.9%	80.1%	92.9%	Above	Sample
St. Luke's Clinics	166	85.5%	79.4%	90.1%	Above	Sample
HealthEast	136	84.4%	77.3%	89.5%	Above	Sample
Silver Lake Clinic	60	82.8%	71.3%	90.3%	Average or Below	Sample
Family HealthServices Minnesota	137	81.4%	74.0%	87.0%	Above	Sample
Brainerd Medical Center	81	80.4%	70.5%	87.6%	Average or Below	Sample
MeritCare	107	80.0%	71.5%	86.5%	Average or Below	Sample
Gundersen Clinic	67	79.4%	68.2%	87.3%	Average or Below	Sample
Park Nicollet Health Services	328	78.9%	74.2%	83.0%	Above	Sample
Fairview Health Services	403	78.5%	74.2%	82.2%	Above	Sample
Central Lakes Medical Clinic	75	78.3%	67.8%	86.2%	Average or Below	Sample
France Avenue Family Physicians	60	77.8%	65.8%	86.5%	Average or Below	Sample
Bloomington Lake Clinic	84	77.5%	67.5%	85.1%	Average or Below	Sample
St. Cloud Medical Group	93	77.0%	67.5%	84.4%	Average or Below	Sample
Buffalo Clinic	67	77.0%	65.7%	85.5%	Average or Below	Sample
Camden Physicians	66	76.9%	65.5%	85.4%	Average or Below	Sample
Sanford Clinic	94	76.3%	66.8%	83.8%	Average or Below	Sample
Broadway Medical Center	66	76.3%	64.8%	84.9%	Average or Below	Sample
Apple Valley Medical Clinic	65	75.8%	64.1%	84.6%	Average or Below	Sample
HealthPartners Clinics	919	75.7%	72.8%	78.3%	Above	Sample
HealthPartners Central Minnesota Clinics	66	74.6%	63.0%	83.5%	Average or Below	Sample
Northstar Physicians	124	73.7%	65.3%	80.7%	Average or Below	Sample
Mayo Health System	293	73.7%	68.4%	78.4%	Average or Below	Sample
Allina Medical Clinic	409	72.3%	67.8%	76.4%	Average or Below	Sample
Aspen Medical Group	167	72.2%	65.0%	78.4%	Average or Below	Sample
Quello Clinic	66	69.3%	57.3%	79.1%	Average or Below	Sample
Ridgeview Clinics	64	69.0%	56.9%	79.0%	Average or Below	Sample
Riverwood Aitkin Clinic	66	68.9%	57.0%	78.8%	Average or Below	Sample
St. Mary's/Duluth Clinic Health System	220	68.4%	62.0%	74.2%	Average or Below	Sample
Innovis Health	81	66.2%	55.4%	75.6%	Average or Below	Sample
Edina Family Physicians	66	65.6%	53.5%	75.9%	Average or Below	Sample

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Colorectal Cancer Screening (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		71.5%	70.5%	72.5%		
Burnsville Family Physicians	63	65.4%	53.1%	76.0%	Average or Below	Sample
Affiliated Community Medical Centers	89	64.9%	54.6%	74.0%	Average or Below	Sample
Hutchinson Medical Center	66	64.4%	52.3%	74.8%	Average or Below	Sample
Avera Health/Avera Tri-State	87	64.0%	53.5%	73.3%	Average or Below	Sample
SuperiorHealth Center	89	61.8%	51.4%	71.2%	Average or Below	Sample
North Memorial Clinic	115	61.6%	52.5%	70.0%	Average or Below	Sample
Western Wisconsin Medical Associates	66	60.6%	48.5%	71.5%	Average or Below	Sample
Mankato Clinic	81	60.3%	49.4%	70.3%	Average or Below	Sample
Winona Health	93	59.5%	49.4%	68.9%	Average or Below	Sample
Northwest Family Physicians	65	59.3%	47.2%	70.4%	Average or Below	Sample
Hennepin Faculty Associates & Hcmc Clinics	283	57.7%	51.9%	63.3%	Average or Below	Sample
Olmsted Medical Center	79	54.7%	43.7%	65.2%	Average or Below	Sample
Multicare Associates Of The Twin Cities	65	52.8%	40.8%	64.4%	Average or Below	Sample
University Of Minnesota Physicians	92	49.8%	39.8%	59.8%	Average or Below	Sample
Altru Health System	82	48.4%	37.9%	59.0%	Average or Below	Sample
Family Medicine Of Winona	65	47.8%	36.1%	59.7%	Average or Below	Sample
Fergus Falls Medical Group	74	45.8%	35.0%	57.1%	Average or Below	Sample
United Family Medicine	77	45.1%	34.5%	56.2%	Average or Below	Sample
Fairview Mesaba Clinic	72	43.5%	32.7%	55.0%	Average or Below	Sample
Allina Health System	117	43.3%	34.7%	52.3%	Average or Below	Sample
Family Medical Center	83	40.9%	31.0%	51.7%	Average or Below	Sample
Minnesota Rural Health Cooperative	97	39.1%	30.0%	49.1%	Average or Below	Sample
Cedar Riverside People's Center	67	25.7%	16.7%	37.3%	Average or Below	Sample
Neighborhood Health Care Network	70	17.8%	10.6%	28.3%	Average or Below	Sample

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Cancer Screening Combined (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		52.7%	51.6%	53.9%		
Alexandria Clinic	65	90.2%	80.6%	95.3%	Above	Sample
Stillwater Medical Group	60	74.0%	61.7%	83.4%	Above	Sample
North Clinic	64	71.4%	59.3%	81.0%	Above	Sample
HealthPartners Central Minnesota Clinics	66	69.5%	57.6%	79.3%	Above	Sample
Camden Physicians	66	69.1%	57.2%	79.0%	Above	Sample
France Avenue Family Physicians	60	68.8%	56.2%	79.1%	Above	Sample
HealthPartners Clinics	919	65.9%	62.7%	68.9%	Above	Sample
Affiliated Community Medical Centers	79	65.4%	54.4%	74.9%	Above	Sample
Silver Lake Clinic	60	64.0%	51.4%	75.0%	Average or Below	Sample
Park Nicollet Health Services	328	63.9%	58.6%	69.0%	Above	Sample
Mayo Clinic	101	63.3%	53.5%	72.0%	Above	Sample
MeritCare	102	62.0%	52.3%	70.8%	Average or Below	Sample
CentraCare Health System	69	60.5%	48.7%	71.2%	Average or Below	Sample
Ridgeview Clinics	64	59.6%	47.4%	70.8%	Average or Below	Sample
Fairview Health Services	403	59.4%	54.5%	64.0%	Above	Sample
Family HealthServices Minnesota	88	59.3%	48.8%	68.9%	Average or Below	Sample
St. Luke's Clinics	161	58.9%	51.2%	66.2%	Average or Below	Sample
HealthEast	88	58.3%	47.9%	68.1%	Average or Below	Sample
St. Mary's/Duluth Clinic Health System	220	52.9%	46.3%	59.4%	Average or Below	Sample
Buffalo Clinic	67	51.5%	39.8%	63.1%	Average or Below	Sample
Edina Family Physicians	66	50.6%	38.9%	62.3%	Average or Below	Sample
Hennepin Faculty Associates & HMC Clinics	283	50.3%	44.5%	56.0%	Average or Below	Sample
Apple Valley Medical Clinic	65	49.1%	37.3%	60.9%	Average or Below	Sample
University Of Minnesota Physicians	79	48.1%	37.4%	58.9%	Average or Below	Sample
Quello Clinic	66	47.6%	36.0%	59.5%	Average or Below	Sample
North Memorial Clinic	74	47.4%	36.5%	58.7%	Average or Below	Sample
Multicare Associates Of The Twin Cities	65	47.1%	35.5%	59.1%	Average or Below	Sample
Aspen Medical Group	123	45.8%	37.3%	54.6%	Average or Below	Sample
Allina Medical Clinic	409	45.3%	40.6%	50.2%	Average or Below	Sample
Northwest Family Physicians	65	42.6%	31.3%	54.7%	Average or Below	Sample
Mayo Health System	293	41.5%	36.0%	47.2%	Average or Below	Sample
Western Wisconsin Medical Associates	66	37.8%	27.0%	49.8%	Average or Below	Sample
Riverwood Aitkin Clinic	66	36.9%	26.3%	48.9%	Average or Below	Sample
Allina Health System	105	36.5%	27.9%	46.0%	Average or Below	Sample
Northstar Physicians	124	33.2%	25.6%	41.9%	Average or Below	Sample
Broadway Medical Center	66	33.0%	22.8%	45.0%	Average or Below	Sample

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Cancer Screening Combined (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		52.7%	51.6%	53.9%		
SuperiorHealth Center	89	30.3%	21.8%	40.5%	Average or Below	Sample
Family Medicine Of Winona	65	27.8%	18.4%	39.7%	Average or Below	Sample
Hutchinson Medical Center	66	24.2%	15.5%	35.7%	Average or Below	Sample
Avera Health/Avera Tri-State	70	22.0%	13.9%	33.1%	Average or Below	Sample
Burnsville Family Physicians	63	21.9%	13.5%	33.6%	Average or Below	Sample
Neighborhood Health Care Network	69	16.2%	9.3%	26.6%	Average or Below	Sample
Minnesota Rural Health Cooperative	97	7.0%	3.4%	13.9%	Average or Below	Sample

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Chlamydia Screening in Women (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		49.5%	49.0%	49.9%		
Dr. Bobby K. Yang Medical Clinic	34	85.3%	69.9%	93.6%	Above	Population
NorthPoint Health And Wellness Center	165	81.2%	74.6%	86.4%	Above	Population
Hennepin Faculty Associates & HCMC Clinics	460	71.1%	66.8%	75.0%	Above	Population
United Family Medicine	109	69.7%	60.6%	77.6%	Above	Population
HealthPartners Clinics	5,902	68.0%	66.8%	69.2%	Above	Population
Family Practice Medical Center Of Willmar	85	67.1%	56.5%	76.1%	Above	Population
Cedar Riverside People's Center	33	63.6%	46.6%	77.8%	Average or Below	Population
^Adefris & Toppin Women's Specialists	41	61.0%	45.7%	74.3%	Average or Below	Population
^Northland Ob-Gyn Assoc.	69	60.9%	49.1%	71.5%	Average or Below	Population
Allina Medical Clinic	4,876	60.4%	59.0%	61.8%	Above	Population
Neighborhood Health Care Network	1,347	60.3%	57.6%	62.9%	Above	Population
^Clinic Sofia Ob/Gyn	44	59.1%	44.4%	72.3%	Average or Below	Population
Apple Valley Medical Clinic	301	58.8%	53.2%	64.2%	Above	Population
France Avenue Family Physicians	55	58.2%	45.0%	70.3%	Average or Below	Population
Fairview Health Services	3,293	57.2%	55.5%	58.8%	Above	Population
Northwest Family Physicians	236	55.9%	49.6%	62.1%	Above	Population
HealthPartners Central Minnesota Clinics	442	54.8%	50.1%	59.3%	Above	Population
Mid Minnesota Family Medicine Center	95	54.7%	44.7%	64.4%	Average or Below	Population
Lakeview Clinic	337	54.6%	49.3%	59.8%	Average or Below	Population
North Memorial Clinic	312	54.5%	48.9%	59.9%	Average or Below	Population
Quello Clinic	301	54.5%	48.8%	60.0%	Average or Below	Population
^Obstetrics & Gynecology West	136	52.2%	43.9%	60.4%	Average or Below	Population
HealthEast	805	52.2%	48.7%	55.6%	Average or Below	Population
^Oakdale Ob/Gyn	165	52.1%	44.5%	59.6%	Average or Below	Population
Riverwood Aitkin Clinic	62	51.6%	39.5%	63.6%	Average or Below	Population
Camden Physicians	225	51.6%	45.1%	58.0%	Average or Below	Population
^Southdale Ob/Gyn Consultants	161	51.6%	43.9%	59.2%	Average or Below	Population
Affiliated Community Medical Centers	809	51.1%	47.6%	54.5%	Average or Below	Population
Stillwater Medical Group	745	51.0%	47.4%	54.6%	Average or Below	Population
Allina Health System	520	50.8%	46.5%	55.0%	Average or Below	Population
^Obstetrics & Gynecology Associates	171	50.3%	42.9%	57.7%	Average or Below	Population
Park Nicollet Health Services	3,693	49.5%	47.9%	51.1%	Average or Below	Population
^Western Ob/Gyn	79	49.4%	38.6%	60.2%	Average or Below	Population
Aspen Medical Group	809	49.3%	45.9%	52.8%	Average or Below	Population
St. Cloud Medical Group	650	49.1%	45.3%	52.9%	Average or Below	Population
Mankato Clinic	749	48.7%	45.2%	52.3%	Average or Below	Population

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

Chlamydia Screening in Women (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		49.5%	49.0%	49.9%		
Grand Itasca Clinic	129	48.1%	39.6%	56.6%	Average or Below	Population
Family Medical Center	188	47.9%	40.9%	55.0%	Average or Below	Population
Olmsted Medical Center	373	47.5%	42.4%	52.5%	Average or Below	Population
^Women's Health Consultants	64	46.9%	35.2%	58.9%	Average or Below	Population
^Metropolitan Ob & Gyn	118	46.6%	37.9%	55.6%	Average or Below	Population
Mayo Clinic	291	46.4%	40.8%	52.1%	Average or Below	Population
Ridgeview Clinics	267	46.1%	40.2%	52.1%	Average or Below	Population
^Obstetrics, Gyn & Infertility	89	46.1%	36.1%	56.4%	Average or Below	Population
Buffalo Clinic	450	46.0%	41.5%	50.6%	Average or Below	Population
St. Luke's Clinics	311	45.3%	39.9%	50.9%	Average or Below	Population
Foley Medical Center	36	44.4%	29.5%	60.4%	Average or Below	Population
Multicare Associates Of The Twin Cities	314	44.3%	38.9%	49.8%	Average or Below	Population
*Express Healthcare	41	43.9%	29.9%	59.0%	Average or Below	Population
St. Croix Regional Medical Center	145	43.5%	35.7%	51.6%	Average or Below	Population
Winona Health	282	43.3%	37.6%	49.1%	Average or Below	Population
St. Mary's/Duluth Clinic Health System	1,150	43.1%	40.3%	46.0%	Average or Below	Population
^Paul Larson Ob/Gyn Clinic	120	42.5%	34.0%	51.4%	Average or Below	Population
Northstar Physicians	345	42.3%	37.2%	47.6%	Average or Below	Population
^John A. Haugen Assoc.	116	42.2%	33.6%	51.3%	Average or Below	Population
Hutchinson Medical Center	267	42.0%	36.2%	47.9%	Average or Below	Population
Burnsville Family Physicians	103	41.8%	32.7%	51.4%	Average or Below	Population
Edina Sports Health & Wellness	77	41.6%	31.2%	52.7%	Average or Below	Population
North Clinic	395	41.5%	36.8%	46.4%	Average or Below	Population
Western Wisconsin Medical Associates	482	41.3%	37.0%	45.7%	Average or Below	Population
Southern Metro Medical Clinics	107	41.1%	32.3%	50.6%	Average or Below	Population
Mayo Health System	1,809	40.6%	38.3%	42.9%	Average or Below	Population
Gundersen Clinic	155	40.0%	32.6%	47.9%	Average or Below	Population
*Now Care Medical Centers	206	39.3%	32.9%	46.1%	Average or Below	Population
Edina Family Physicians	171	39.2%	32.2%	46.7%	Average or Below	Population
Mille Lacs Clinics	41	39.0%	25.7%	54.3%	Average or Below	Population
SuperiorHealth Center	98	38.8%	29.7%	48.7%	Average or Below	Population
Fairview Mesaba Clinic	145	38.6%	31.1%	46.7%	Average or Below	Population
St. Paul Family Medical Center	34	38.2%	23.9%	55.0%	Average or Below	Population
^Diamond Women's Center	58	37.9%	26.6%	50.8%	Average or Below	Population
Metropolitan Pediatric Specialists	225	37.8%	31.7%	44.3%	Average or Below	Population
Fergus Falls Medical Group	151	37.8%	30.4%	45.7%	Average or Below	Population

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

Chlamydia Screening in Women (Medical Group Level Results)

Medical Group Name (* = Urgent Care, ^ = Ob/Gyn)	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		49.5%	49.0%	49.9%		
*MinuteClinic	194	37.6%	31.1%	44.6%	Average or Below	Population
Silver Lake Clinic	149	37.6%	30.2%	45.6%	Average or Below	Population
Children's Physician Network	1,904	37.5%	35.4%	39.7%	Average or Below	Population
Central Lakes Medical Clinic	97	37.1%	28.2%	47.1%	Average or Below	Population
Minnesota Rural Health Cooperative	678	36.6%	33.0%	40.3%	Average or Below	Population
Brainerd Medical Center	348	36.2%	31.3%	41.4%	Average or Below	Population
^Comprehensive Healthcare For Women	37	35.1%	21.8%	51.2%	Average or Below	Population
Sanford Clinic	760	34.6%	31.3%	38.1%	Average or Below	Population
Broadway Medical Center	125	34.4%	26.7%	43.1%	Average or Below	Population
Paynesville Area Health Care System	102	34.3%	25.8%	44.0%	Average or Below	Population
St. Joseph's Medical Center	74	33.8%	24.1%	45.1%	Average or Below	Population
Parkview Medical Clinic	42	33.3%	21.0%	48.5%	Average or Below	Population
New Spirit Women's Clinic	33	33.3%	19.8%	50.4%	Average or Below	Population
Innovis Health	406	33.3%	28.8%	38.0%	Average or Below	Population
Riverview Clinics	46	32.6%	20.9%	47.0%	Average or Below	Population
MeritCare	1,457	32.0%	29.6%	34.4%	Average or Below	Population
Avera Health/Avera Tri-State	396	31.3%	26.9%	36.0%	Average or Below	Population
Amery Regional Medical Center	106	31.1%	23.1%	40.5%	Average or Below	Population
*WestHealth Urgent Care	48	29.2%	18.2%	43.2%	Average or Below	Population
Altru Health System	426	28.4%	24.3%	32.9%	Average or Below	Population
Stevens Community Medical Center	55	27.3%	17.3%	40.2%	Average or Below	Population
Unity Family Healthcare - Avon	42	26.2%	15.3%	41.1%	Average or Below	Population
Lakewood Health System	137	23.4%	17.1%	31.1%	Average or Below	Population
Baldwin Area Medical Center	45	22.2%	12.5%	36.3%	Average or Below	Population
Wadena Medical Center	71	21.1%	13.2%	32.0%	Average or Below	Population
Bloomington Lake Clinic	97	18.6%	12.1%	27.4%	Average or Below	Population
Family Medicine Of Winona	70	17.1%	10.1%	27.6%	Average or Below	Population
Catalyst Medical Clinic	35	17.1%	8.1%	32.7%	Average or Below	Population
Alexandria Clinic	204	16.2%	11.8%	21.9%	Average or Below	Population
Family Health Medical Clinics	107	15.0%	9.4%	22.9%	Average or Below	Population
Osceola Medical Center	61	1.6%	0.3%	8.7%	Average or Below	Population

~ Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

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

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Childhood Immunization Status (Combo 3) (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		79.7%	78.6%	80.8%		
St. Cloud Medical Group	61	92.1%	82.5%	96.6%	Above	Sample
HealthEast	103	90.5%	83.3%	94.8%	Above	Sample
Park Nicollet Health Services	174	89.4%	83.9%	93.1%	Above	Sample
MeritCare	82	88.8%	80.1%	93.9%	Above	Sample
Affiliated Community Medical Centers	89	88.1%	79.7%	93.3%	Above	Sample
Lakeview Clinic	60	87.9%	77.3%	93.9%	Average or Below	Sample
Aspen Medical Group	94	87.7%	79.5%	92.9%	Average or Below	Sample
Family Medical Center	62	87.1%	76.6%	93.3%	Average or Below	Sample
HealthPartners Central Minnesota Clinics	63	86.5%	76.0%	92.9%	Average or Below	Sample
Stillwater Medical Group	63	86.2%	75.5%	92.6%	Average or Below	Sample
Buffalo Clinic	80	85.9%	76.6%	91.9%	Average or Below	Sample
HealthPartners Clinics	283	85.8%	81.2%	89.4%	Above	Sample
Family HealthServices Minnesota	73	84.2%	74.1%	90.8%	Average or Below	Sample
Western Wisconsin Medical Associates	63	83.9%	72.9%	91.0%	Average or Below	Sample
Fairview Health Services	254	83.8%	78.7%	87.8%	Average or Below	Sample
Innovis Health	67	83.4%	72.8%	90.5%	Average or Below	Sample
Multicare Associates Of The Twin Cities	62	82.8%	71.6%	90.2%	Average or Below	Sample
St. Mary's/Duluth Clinic Health System	184	81.4%	75.2%	86.4%	Average or Below	Sample
Allina Medical Clinic	244	80.6%	75.2%	85.1%	Average or Below	Sample
Olmsted Medical Center	69	80.3%	69.5%	88.0%	Average or Below	Sample
CentraCare Health System	115	80.2%	72.0%	86.5%	Average or Below	ample
Children's Physician Network	429	79.8%	75.8%	83.4%	Average or Below	Sample
Winona Health	62	79.4%	67.8%	87.6%	Average or Below	Sample
Brainerd Medical Center	66	79.2%	67.9%	87.2%	Average or Below	Sample
Mayo Clinic	66	78.1%	66.8%	86.4%	Average or Below	Sample
Mayo Health System	230	74.9%	69.0%	80.1%	Average or Below	Sample
Allina Health System	61	73.3%	61.1%	82.8%	Average or Below	Sample
Metropolitan Pediatric Specialists	99	71.9%	62.4%	79.8%	Average or Below	Sample
Altru Health System	63	71.1%	58.9%	80.8%	Average or Below	Sample
Hennepin Faculty Associates & HCMC Clinics	114	71.0%	62.1%	78.5%	Average or Below	Sample
Minnesota Rural Health Cooperative	111	70.7%	61.6%	78.3%	Average or Below	Sample
Mankato Clinic	90	70.2%	60.1%	78.6%	Average or Below	Sample
Neighborhood Health Care Network	74	68.3%	57.1%	77.8%	Average or Below	Sample
St. Luke's Clinics	71	65.7%	54.1%	75.7%	Average or Below	Sample
Sanford Clinic	264	64.7%	58.7%	70.2%	Average or Below	Sample
Alexandria Clinic	69	63.5%	51.7%	73.9%	Average or Below	Sample

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Childhood Immunization Status (Combo 3) (Medical Group Level Results)

Medical Group Name	N	Rate	Lower Bound of 95% Confidence Interval	Upper Bound of 95% Confidence Interval	Rating	Total Population or Sample [~]
Medical Group Average		79.7%	78.6%	80.8%		
Avera Health/Avera Tri-State	87	61.6%	51.0%	71.1%	Average or Below	Sample
University Of Minnesota Physicians	69	57.8%	46.0%	68.7%	Average or Below	Sample
Hutchinson Medical Center	60	54.5%	42.0%	66.5%	Average or Below	Sample
Northstar Physicians	65	51.6%	39.7%	63.3%	Average or Below	Sample

[~] Sample or Population of managed care patients. Does not include patients who are uninsured, who self pay, or who are served by a fee-for-service program.

Appendix 1: Data Sources and Data Collection

Care That is Proven to Work

Clinic Level

The data source of clinic level results is the clinic. All data elements are specified by MNCM and are described in our 2009 Direct Data Submission Guide (2008 dates of service). This guide provides detailed steps and instructions to ensure that the submitted data meets rigorous standards.

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

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

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

Medical Group Level

The data source of medical group level results is the health plan administrative claims database which is supplemented by medical record review for some measures. Most data elements are specified by the Healthcare Effectiveness Data and Information Set (HEDIS) 2009 *Technical Specifications* (2008 dates of service). HEDIS is produced and maintained by the National Committee for Quality Assurance (NCQA). The technical specifications provide detailed steps and instructions to ensure that the submitted data meets rigorous standards. Some data elements are specified by MNCM and provided to the health plans.

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Appendix 1: Data Sources and Data Collection

Care That is Proven to Work

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

MNCM develops a Data Structure document with detailed steps and instructions to ensure that the submitted data meets rigorous standards. In 2009, ten data sources – Blue Cross and Blue Shield of Minnesota, FirstPlan of Minnesota, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne, PrimeWest Health System (county-based purchaser), Sanford Health Plan, South Country Health Alliance (county-based purchaser), UCare – submitted data to MNMCM for purposes of public reporting. The submitted health plan data reflects patients/members enrolled in the following products: commercial HMO/POS/PPO, Medicare Cost, Medicare Risk, and Minnesota Health Care Programs (Prepaid Medical Assistance including dual eligibles, MinnesotaCare, General Assistance Medical Care). These data do not include patients who are uninsured, patients who self pay, or patients who are served by Medicaid/Medicare fee-for-service.

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

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

Appendix 2: Methodology

Care That is Proven to Work

Clinic Level

Measures Reported

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

Eligible Population Specifications

The eligible populations for these measures are identified by a medical group on behalf of their individual clinics. Standard definitions for the eligible population for each measure include elements such as age, appropriate diagnosis codes, number of visits needed in the measurement timeframe. Each element is detailed in the 2009 DDS Guide.

Patient Attribution to Medical Groups

In order to submit data at the clinic level, medical groups must attribute each patient to a single clinic within their medical group. Each medical group's patient attribution method must be defined by the medical group and is then reviewed by MNCM as part of the denominator certification process.

Sampling from Total Population

Medical groups may submit data on their full population or a sample of at least 60 patients per clinic. For medical groups that chose to submit a sample, the 2009 DDS Guide describes accepted methods to select a systematic sample. This step is reviewed by MNCM as part of the denominator certification process.

Numerator Specifications

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

Calculating Rates

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

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Appendix 2: Methodology

Care That is Proven to Work

Limitations

Because DDS participation was still voluntary in 2009, the results collected through the DDS process do not represent all medical groups that serve patients in Minnesota. While every clinic within a medical group must submit data, a clinic rate may not be publicly reported if a minimum threshold of 30 patients per clinic is not met.

Medical Group Level

Measures Reported

Two types of measures are reported at the medical group level – measures that use an administrative data only method and measures that use a hybrid method. The following measures use the administrative method:

- Appropriate Testing for Children with Pharyngitis
- Appropriate Treatment for Children with Upper Respiratory Infection
- Breast Cancer Screening
- Cervical Cancer Screening
- Chlamydia Screening
- Use of Appropriate Medications for People with Asthma
- Avoidance of Antibiotic Treatment of Adults with Bronchitis

The following measures used the hybrid method:

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

Each year, these measure specifications are reviewed against current evidence-based guidelines and input is sought from community experts. Measurement specifications for medical group level results were calculated using NCQA's 2009 HEDIS Technical Specifications along with MNMCM-specific numerator specifications for some measures.

Eligible Population Specifications

The eligible populations for the administrative and hybrid measures are identified by each participating health plan utilizing its respective administrative databases. NCQA's 2009 HEDIS Technical Specifications provide the standard definitions for the eligible population for each measure, which include data elements such as age, continuous enrollment, and anchor date requirements.

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Appendix 2: Methodology

Care That is Proven to Work

Rates for measures using the administrative method are wholly derived from health plan claims data, while rates for measures using the hybrid method are derived from a combination of health plan claims data and medical record review data. For administrative measures, the entire eligible population is the denominator. For hybrid measures, the eligible population serves as the sampling frame from which to draw the denominator.

Patient Attribution to Medical Groups

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

Sampling for Hybrid Measures

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

MNCM uses a two-stage, random sampling process. This strategy has been designed with statisticians to ensure reporting for the maximum number of medical groups while minimizing the impact of weighting on the results for any one medical group. The sampling procedure starts with the health plans providing a data file containing a record for each eligible patient for each hybrid measure. This file also identifies eligible patients that have also been selected for the annual HEDIS sample. Additional patients are then selected from the remaining eligible population to meet MNMCM minimum reporting requirements.

Numerator Specifications

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

Weighting

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

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Appendix 2: Methodology

Care That is Proven to Work

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

Calculating Rates

Rates are expressed as percentages. They are calculated as 100 times the number who meet the numerator targets divided by the number who are eligible for the measure. Rates calculated for measures using the administrative method are straightforward. However, rates calculated for measures using the hybrid method require weighting because of the sampling procedures. Rates and 95-percent-asymmetrical confidence intervals are calculated for each measure for each medical group. Asymmetrical confidence intervals are used to avoid confidence interval lower-bound values less than zero and upper bound values greater than one hundred.

Rates

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

Limitations

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

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

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

Appendix 2: Methodology

Care That is Responsive to Patients' Needs and Preferences

Patient Experience Measures

This information is based on patient responses to surveys about clinics in Minnesota. Overall, 124 clinics took part in the pilot round of the survey. Future surveys will include more clinics. The survey was mailed by independent survey companies in two waves during the survey period, from September to November 2008. Surveys were sent to a randomly-selected sample of patients from each clinic. A patient had to have at least one visit to a participating primary care (family practice and internal medicine) clinic in May – July of 2008 in order to be selected for the survey.

The survey used was the “CAHPS Clinician and Group Survey (CG-CAHPS, which asks questions about Access to Care, Doctor Communication, Office Staff and Overall Rating. The data was collected and analyzed to produce the results reported on Minnesota HealthScores. Overall, 39 percent of the patients who received a survey mailed back a response. All results reported were tested for reliability and reached the minimum criteria for public reporting. Those clinics that are missing results for one or more measures did not receive enough completed surveys to reliably report their score.

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

Health Information Technology Measures

Minnesota Community Measurement developed the HIT survey based on the National Quality Forum’s framework for measuring HIT. The survey looks at whether medical groups are using HIT to electronically write prescriptions, manage patient care, offer electronic patient visits and electronic appointment scheduling. Minnesota Community Measurement surveyed clinics and medical groups in November 2008. The survey was conducted online using Survey Monkey. The initial survey was sent to 219 medical groups and clinics. The response rate was 49 percent, with 109 combined medical groups and clinics reported here.

Hospital Measures

(Methodology will be included in hospital addendum available in 2010)



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