

REGION 4

# 2010 MINNESOTA Health Care Quality REPORT

MINNESOTA DEPARTMENT OF HEALTH, HEALTH ECONOMICS PROGRAM  
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MINNESOTA'S  
**VISION**  
*A Better State of Health*

This report was updated in January 2011 to incorporate minor technical corrections.

Dear Community Member:

We are pleased to provide this report of the Minnesota Statewide Quality Reporting and Measurement System. It enhances our state's quality data and market transparency for health care and is a building block for transformation of health care.

This quality report is a critical component of Minnesota's nation-leading health reform law of 2008. The law requires the Minnesota Department of Health (MDH) to develop a standardized set of quality measures for hospitals and physician clinics across the state and to produce a public report on health care quality. These efforts build on important work that has been done in Minnesota for many years by MN Community Measurement (MNCM), Stratis Health and the Minnesota Hospital Association (MHA) and have drawn upon their multi-stakeholder, community-wide processes for measure development and selection. Through the requirements in the 2008 law, MDH has expanded the reach of this work:

- 1. Scope.** Approximately 520 Minnesota clinics have reported data to the state system in the first year of required data submission, increasing by over 40 percent the number of physician clinics that reported voluntarily to MNCM. We now have a more complete picture of health care in urban and rural areas. Hospitals are also now submitting data on more than 40 quality measures.
- 2. Risk adjustment.** The information on quality builds on the work done by MNCM. The results have been risk-adjusted to reflect the complexity of the patients that providers serve. This requirement aims to ensure that the results are fair for all providers, regardless of the makeup of their patient populations.

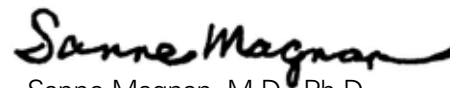
Comprehensive information about health care quality is a cornerstone of our health reform initiative – which has been called “Minnesota’s Vision for a Better State of Health.” Throughout the implementation of our vision, we have been working hard to achieve the “Triple Aim” of improving the health of the population, the patient experience of care and the affordability of health care. Quality reporting is a vital component of these

goals; if we want to truly improve our state's health in the future, we must first have robust, fair and accurate information about the quality of health care being provided today. This information is also a critical building block of provider peer grouping (PPG), another component of the 2008 state health reform law. PPG will compare providers on a combined measure of risk-adjusted cost and quality. The risk-adjusted quality information presented in this report will be part of the peer grouping analysis. In the future, the release of these risk-adjusted results will be part of the yearly release of PPG.

I thank the providers who have been important partners as we have expanded Minnesota's quality measurement system. I also want to thank our partners at MNCM and Minnesota's non-profit health plans for playing a key role in developing new quality measures and supporting providers' efforts to submit data. We also appreciate the effective collaboration with MHA, Stratis Health, the Institute for Clinical Systems Improvement and the Minnesota Medical Association in supporting providers' efforts both to submit data and to improve quality. We have had substantive conversations about these efforts, and I hope these discussions will continue as we work to improve health care value in Minnesota – and the health of all Minnesotans.

In summary, this quality report is an important stepping stone toward a value-based health care system in Minnesota – one that reflects both quality and cost. Together, those elements will provide a better picture of health care value in our state, encourage redesign of care and payment based on value and allow consumers to choose providers based on both quality and cost. With such information we can reach our vision of a better state of health care – and a better state of health.

Sincerely,



Sanne Magnan, M.D., Ph.D.  
Commissioner

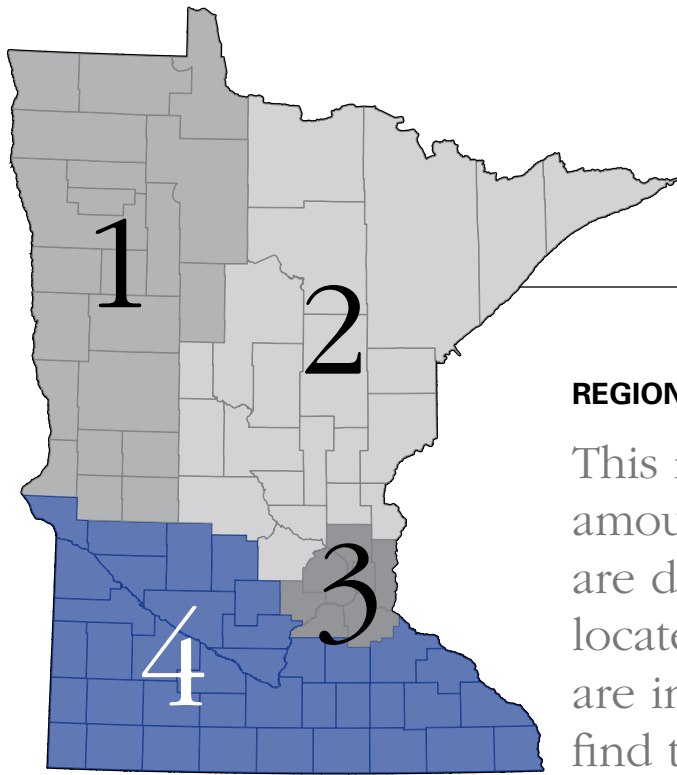


# Table of Contents

<b>Region Detail</b> .....	<b>6</b>
<b>What is High Quality Care?</b> .....	<b>8</b>
<b>Methods Overview</b> .....	<b>9</b>
<b>Report Introduction</b> .....	<b>10</b>
<b>Physician Clinic Measures</b> .....	<b>12</b>
Introduction .....	13
Quality of Care for Chronic (Ongoing) Conditions Measures . . .	15
The Best Care for...	
Adults with Diabetes .....	16
Adults with Vascular Disease .....	16
Adults with High Blood Pressure .....	17
Children and Adults with Asthma .....	17
Quality of Care for Acute (Shorter Term) Conditions Measures .	18
The Best Care for...	
Children with a Cold .....	19
Children with a Sore Throat .....	19
Adults with Bronchitis .....	20
Quality of Preventive Care Measures .....	21
The Best Care to...	
Help Prevent Breast Cancer .....	22
Help Prevent Cervical Cancer .....	22
Help Prevent Colorectal Cancer .....	23

Help Prevent Cancer . . . . .	23
Detect Chlamydia . . . . .	24
Provide Childhood Immunizations . . . . .	24
<b>Table of Results . . . . .</b>	<b>25</b>
<b>Hospital Measures . . . . .</b>	<b>40</b>
<b>Introduction . . . . .</b>	<b>41</b>
Quality of Care for Heart Conditions Measures . . . . .	43
Heart Attacks . . . . .	43
Heart Failure . . . . .	48
Table of Results . . . . .	51
Quality of Care for Surgeries Measures . . . . .	55
Heart Surgeries . . . . .	55
Other Surgeries . . . . .	57
Table of Results . . . . .	60
Quality of Care for Medical Complications and Infections Measures . . . . .	64
Medical Complications . . . . .	64
Infection Prevention . . . . .	67
Table of Results . . . . .	72
Quality of Care for Other Conditions Measures . . . . .	76
Pneumonia . . . . .	76
Hip Fracture Treatment . . . . .	81
Childbirth . . . . .	82
Table of Results . . . . .	84

<b>Appendices</b>	
<b>APPENDIX 1: Physician Clinic Measures . . . . .</b>	<b>88</b>
Guide to Understanding the Detailed Measure Result Data . . . . .	89
Quality of Care for Chronic Conditions Measure Result Data . . . . .	90
Quality of Care for Acute Conditions Measure Result Data . . . . .	120
Quality of Preventive Care Measure Result Data . . . . .	150
Methods . . . . .	195
<b>APPENDIX 2: Hospital Measures . . . . .</b>	<b>203</b>
Guide to Understanding the Detailed Measure Result Data . . . . .	204
Quality of Care for Heart Conditions Measure Result Data . . . . .	206
Quality of Care for Heart Surgeries Measure Result Data . . . . .	210
Quality of Care for Other Surgeries Measure Result Data . . . . .	213
Quality of Care for Medical Complications Measure Result Data . . . . .	221
Quality of Infection Prevention Measure Result Data . . . . .	224
Quality of Care for Other Conditions Measure Result Data . . . . .	228
Methods . . . . .	235



**REGION 4**

This report is separated into four regions due to the large amount of data included. Physician clinics and hospitals are divided into regions based on the county where they are located. The list on the next page identifies which counties are included under each region. Use this information to find the region you are interested in.

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**REGION 1**  
**Northwest and**  
**West Central**

Becker  
Beltrami  
Clay  
Clearwater  
Douglas  
Grant  
Hubbard  
Kittson  
Lake of the Woods  
Mahnomen  
Marshall  
Norman  
Otter Tail  
Pennington  
Polk  
Pope  
Red Lake  
Roseau  
Stevens  
Traverse  
Wilkin

**REGION 2**  
**Northeast**  
**and Central**

Aitkin  
Benton  
Carlton  
Cass  
Chisago  
Cook  
Crow Wing  
Isanti  
Itasca  
Kanabec  
Koochiching  
Lake  
Mille Lacs  
Morrison  
Pine  
Sherburne  
St. Louis  
Stearns  
Todd  
Wadena  
Wright

**REGION 3**  
**Twin Cities**  
**Metro**

Anoka  
Carver  
Dakota  
Hennepin  
Ramsey  
Scott  
Washington

**REGION 4**  
**Southwest,**  
**Southeast and**  
**South Central**

Big Stone  
Blue Earth  
Brown  
Chippewa  
Cottonwood  
Dodge  
Faribault  
Fillmore  
Freeborn  
Goodhue  
Houston  
Jackson  
Kandiyohi  
Lac Qui Parle  
Le Sueur  
Lincoln  
Lyon

Martin  
McLeod  
Meeker  
Mower  
Murray  
Nicollet  
Nobles  
Olmsted  
Pipestone  
Redwood  
Renville  
Rice  
Rock  
Sibley  
Steele  
Swift  
Wabasha  
Waseca  
Watonwan  
Winona  
Yellow Medicine



## What is high quality health care?

High quality in health care can be described as *“doing the right thing, at the right time, in the right way – and having the best possible results.”*

The Institute of Medicine states that high quality health care is:

**Effective:** Treatment uses scientific knowledge and medical experience to increase the chances of getting the best results, and decrease the chances of getting bad results, including death.

**Safe:** Treatment does not result in medical complications or cause harm to the patient that can be prevented.

**Patient-centered:** Doctors, nurses, and other medical staff treat patients with respect, dignity and compassion, and are responsive to patients’ needs, values, and preferences.

**Timely:** Patients get the care they need without harmful delays.

**Efficient:** Treatment does not waste doctors’ or patients’ time or money.

**Equitable:** The same level of care is available to everyone, including men, women and children of all cultures, incomes, education level, social status or any other characteristics.



# Methods Overview

- This report includes information about the quality of care provided by physician clinics and hospitals in one region of the state. Readers may easily compare the results of a particular physician clinic or hospital with a statewide average on most measures.
- Much of the data for this report was collected as part of the Minnesota Statewide Quality Reporting and Measurement System.
  - Physician clinics are required to report data at the clinic level. Data collected directly from physician clinics included in this report relates to care provided in 2009. While participation in these data collection systems is required under state law, not all physician clinics submitted data. Those clinics are included in this report with a note they did not submit required data. For more information on which physician clinics are included, see the Physician Clinic Inclusion section on page 120.
  - Hospital results are available on 43 measures. The time periods covered by each measure vary; more details are available in Appendix Two.
- Results are publicly reported for those physician clinics submitting data on 30 or more patients for each measure, while hospital results are reported for those hospitals with data on 25 or more patients for each measure. These numbers are considered the minimum standards for valid public reporting and align with established reporting standards in Minnesota and at the national level. Physician clinics and hospitals that submitted data on fewer numbers of patients are included in this report with a note they did not have sufficient data for public reporting purposes.
- Some physician clinic measures were “not applicable” for a particular clinic given the specialties at the clinic site and have been noted as such in this report.
- Results are risk-adjusted, meaning that results are adjusted to account for differences in patient populations that are beyond the control of a doctor or hospital. This is done in order to make results comparable regardless of patient characteristics. For example, hospital outcome measures, such as death rates for patients with a broken hip, take into account how sick individual patients are. Similarly, results for physician clinics assume that physician clinics have the same proportion of patients covered by commercial insurance, Medicare, and MN health care programs or are uninsured. More details about how risk adjustment was carried out for particular categories of measures is available in Appendices One and Two.
- This report uses the terms “physician clinic” and “medical group” to describe the settings in which physicians provide medical services. For purposes of this report, a physician clinic is a specific location in which a physician practices, while a medical group may be a larger organization that includes multiple physician clinics.
- Some results are calculated at the medical group level. For those measures, each physician clinic associated with a particular medical group has been given the medical group’s score for that measure. While those measure results include a broader population of patients than any one individual clinic, each individual physician clinic contributed to the medical group’s score.
- More detail about physician performance, data collection and methodology is available in Appendix One. Additional information about hospital performance, data collection and methodology is available in Appendix Two.



# Health Care Quality in Minnesota

Quality in health care, including in doctor's offices and hospitals, can be described as *“doing the right thing, at the right time, in the right way – and having the best possible results.”*

This report provides information on how well physician clinics, like your doctor's office, and hospitals in Minnesota care for patients with a wide range of health problems. It can:

- Help you choose a hospital or physician clinic for yourself,
- Provide useful information for your loved ones if they need to visit the doctor's office or hospital for care,
- Encourage clinics and hospitals to improve their quality, and
- Help everyone learn more about health care quality.

## Why should you look at this information?

Don't people receive high quality care in all physician clinics or hospitals? Here are the facts:

- All clinics and hospitals do not provide the same quality of care. Some are better than others.
- A particular clinic or hospital might do a very good job on some health problems and not on other health issues.
- Your doctor, or the specialist or surgeon he or she recommends, may be highly skilled, but clinic and hospital quality also depend on how well all of the staff, such as nurses, take care of you, and on how well the clinic or hospital is organized.
- For the physician measures, some clinics do better at managing chronic or ongoing conditions than others. Some physician clinics may also do a better job of treating different conditions like asthma or diabetes. Keep in mind that clinics vary in how well they do at managing these different conditions.
- Whenever people go to the hospital, they risk getting a new health problem while getting medical care for an existing problem. Hospitals vary in how well they protect patients from these risks.

Given these facts, the goal of this report is to give you information you can use to increase your chances of getting the best possible care when you need it.

## How should you use this report?

How can this information help you? First, you can use this information to **help you choose a clinic or hospital**. The physician clinic measures are for different health conditions and preventive care. If you or someone you care about has one of these conditions, you can use this information to **choose a clinic**. This also applies to hospitals where you can use the hospital measures to **choose a hospital** that's right for you if you are being admitted to the hospital in the near future. It can help you **find a clinic or hospital that is especially good** at treating the conditions you face, or especially good at avoiding complications in the case of the hospital measures.

The best way to use this particular report is also to **look for patterns in the scores**. Some clinics or hospitals may do very well across the board; others may do well in some areas and not in others; still others may really show problems in a wide range of areas. Look carefully for these patterns. At the same time, if there is a particular operation, medical condition, or complication that is of particular concern to you, you will want to give more consideration to information related to those concerns.

## A few things to keep in mind as you use this information:

This information is a starting point for looking at the quality of care at a particular clinic or hospital. The overall scores and specific topic results are not the final word. There are a few things to keep in mind when looking at this report.

- **This report doesn't cover all conditions, preventive treatments, surgeries or complications.**

Additional information may be included in future reports.

- **Don't presume that because a clinic or hospital does well (or poorly) in one area of health care, that it will do well (or poorly) in all areas.**

Physician clinics and hospitals have strengths and weaknesses in providing different types of care.

- **In some cases the specific measures track serious failures in a hospital's performance which happen only once in a great while.**

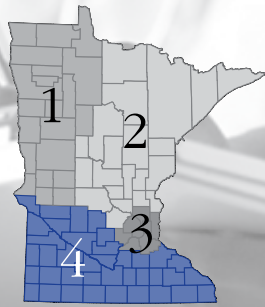
You have to be careful when comparing hospitals on these very rare events. The numbers are so small that it is hard to know when a difference means something or just happened by chance. For example, only a handful of patients experience bad reactions to a blood transfusion out of a million people each year.

- **Don't give too much weight to small differences between clinics or hospitals.**

Even on more common events, be careful not to give too much weight to small differences. For example, if in one hospital, 25 people out of a thousand had too much bleeding after an operation, and in another hospital, 26 people out a thousand did, that's a really small difference and you shouldn't worry about it.



**REGION 4**



# Physician Clinic Measures

**REGION 4 Southwest, Southeast and South Central**, Big Stone, Blue Earth, Brown, Chippewa, Cottonwood, Dodge, Faribault, Fillmore, Freeborn, Goodhue, Houston, Jackson, Kandiyohi, Lac qui Parle, Le Sueur, Lincoln, Lyon, Martin, McLeod, Meeker, Mower, Murray, Nicollet, Nobles, Olmsted, Pipestone, Redwood, Renville, Rice, Rock, Sibley, Steele, Swift,, Wabasha, Waseca, Watonwan, Winona, Yellow Medicine



# Physician Clinic Measures

**QUALITY OF CARE FOR CHRONIC CONDITIONS** ..... 15

    Table of Results ..... 25

**QUALITY OF CARE FOR ACUTE CONDITIONS** ..... 18

    Table of Results ..... 25

**QUALITY OF PREVENTIVE CARE** ..... 21

    Table of Results ..... 25

Choose the health care quality topic you want to learn about.

Physician clinic quality information is available for three main topics in this section. These areas include:

- Chronic Conditions (Ongoing Conditions)
- Acute Conditions (Shorter Term Illnesses)
- Preventive Care (Avoiding Illness)

One topic may be of greater interest to you than others. For example, if you or a loved one has a chronic or ongoing condition like diabetes, you will probably be interested in the “Chronic Conditions” topic. However, if you are interested in finding out how well your clinic does with keeping you healthy, check out the “Preventive Care” section.

Each topic includes information on several different quality indicators. A quality indicator is information, in this case a percentage rate, that shows how often patients had a particular experience when they received medical care. These experiences reflect a particular aspect of health care quality. Each health topic is briefly described below, with examples of quality indicators for that topic. To learn about all the indicators presented for each topic, please turn to the appropriate page noted in the index at the start of this section.

**Chronic Conditions:** Chronic conditions are ongoing and cannot be cured, but can be managed with the right kinds of treatments. This section includes measures related to chronic conditions like diabetes, vascular care, high blood pressure, and asthma.

**Acute Conditions:** Acute conditions are illnesses that don't last very long, typically less than three months. This section includes measures for the treatment of acute conditions like colds and sore throats in children, as well as bronchitis in adults.

**Preventive Care:** Preventive care can help keep you healthy, as well as detect certain illnesses early, when treatment can be more effective. This section includes preventive measures like cancer screenings, chlamydia tests, and childhood immunizations.

## More Information about the Results

Be sure to note whether a higher or lower percentage rate is better for the measure you are interested in. **For all of the physician clinic measures, a higher percentage rate is always going to be better.** Keep in mind the percentage rate is related to how many patients out of one hundred reached the treatment goals, or received the right type of medication. For example, if the clinic rate for the "Best Care for Adults with Diabetes" measure is 36%, this means 36 out of 100 patients achieved the five goals outlined in this measure.

**QUALITY OF CARE FOR CHRONIC CONDITIONS  
SECTION CONTENTS**

The Best Care for Adults with Diabetes . . . . . 16  
The Best Care for Adults with Vascular Disease . . . . . 16  
The Best Care for Adults with High Blood Pressure . . . . . 17  
The Best Care for Children and Adults with Asthma . . . . . 17  
Table of Results . . . . . 25  
Appendix Table . . . . . 90



**Chronic health conditions are ongoing health conditions** like diabetes or heart disease. These conditions are prevalent and costly. For example, in 2007 about 7.8% of the US population had diabetes. This translates to a cost of \$174 billion in direct costs like medical expenses, and indirect costs like disability and work loss. Not only are these conditions expensive, but they can be difficult to manage and lead to other medical conditions. However, there are treatments and treatment goals which have been proven to help those with chronic conditions stay healthy and limit their risk of other complications. **The following section includes measures that help patients with chronic conditions stay healthy.**

## The Best Care for Adults with Diabetes

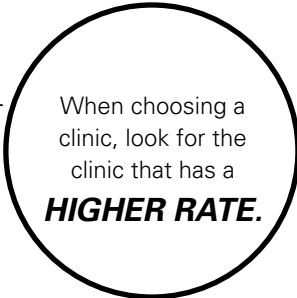
### What is the measure?

The best care for diabetes includes helping patients achieve five goals. This measure shows the percentage of diabetes patients, ages 18-75, who met all five goals:

- 1) Blood Sugar Control: Most recent HbA1C test in the last 12 months has a level of less than 8%
- 2) Blood Pressure Control: Most recent blood pressure in the last 12 months was less than 130/80 mm Hg
- 3) Cholesterol Control: Most recent LDL or "bad" cholesterol was less than 100 mg/dl
- 4) Daily aspirin use (or a documented contraindication) for those ages 41 or older
- 5) Tobacco free status: No smoking or chewing of tobacco

### Why is this important?

The five goals identified in this measure have been shown to have the greatest impact on the health of those with diabetes. Heart disease and stroke are the leading causes of early death among people with diabetes. Those diabetes patients who meet the five goals outlined in this measure will greatly lower their risk of heart attacks, blood vessel damage and other vascular diseases. They will also experience fewer problems with their kidneys, eyes and nervous system.



**Performance on this measure ranged from zero percent to 57 percent.**

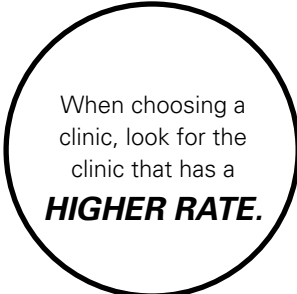
MEASURE SOURCE: Optimal Diabetes Care Composite

## The Best Care for Adults with Vascular Disease

### What is the measure?

The best care for vascular disease includes helping patient achieve four goals. This measure shows the percentage of vascular patients ages 18-75, who met all four goals:

- 1) Blood Pressure Control: Most recent blood pressure in the last 12 months was less than 130/80 mm Hg
- 2) Cholesterol Control: Most recent LDL or "bad" cholesterol was less than 100 mg/dl
- 3) Daily aspirin use (or a documented contraindication)
- 4) Tobacco Free Status: No smoking or chewing of tobacco



### Why is this important?

Vascular disease is any condition that affects the blood vessels and limits their ability to supply blood, oxygen and nutrients to the body from the heart. Vascular disease is most commonly due to hardening of the arteries or the slow build-up of fatty substances over time along the blood vessel wall, which make it harder for the heart to pump blood through the artery. Depending on which arteries become blocked, different parts of the body can be affected by this reduction in blood flow, which is also called ischemia. A blockage in the coronary arteries, or the blood vessels of the heart, can lead to chest pain or a heart attack. Achieving the four treatment goals in this measure will help stop the build-up of fatty substances along the blood vessel wall that make it harder for the heart to pump blood.

**Performance on this measure ranged from zero percent to 63 percent.**

MEASURE SOURCE: Optimal Vascular Care Composite



## The Best Care for Adults with High Blood Pressure

### What is the measure?

The best treatment for high blood pressure includes keeping blood pressure below 140/90 mmHg. This measure shows the percentage of adults, ages 18-85, diagnosed with high blood pressure that had a blood pressure reading lower than 140/90 mmHg.

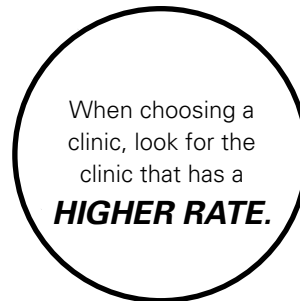
### Why is this important?

High blood pressure, also known as hypertension, is a major risk factor for other diseases including heart attack, heart disease, kidney failure and stroke. Having your blood pressure monitored regularly and working with your doctor to keep your blood pressure below 140/90 mmHg can reduce your risk of developing these conditions.

High blood pressure is often called the “silent killer” because many people don’t know they have it. The only way to know is to have your blood pressure checked.

**Performance on this measure ranged from 34 percent to 85 percent.**

MEASURE SOURCE: HEDIS: Controlling High Blood Pressure



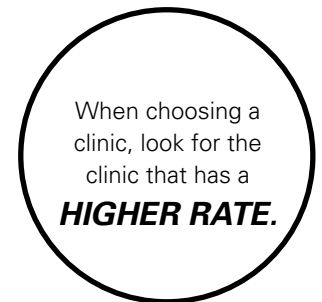
## The Best Care for Children and Adults with Asthma

### What is the measure?

The best treatment for asthma includes a prescription medication (such as an inhaler) to control the symptoms. This measure shows the percentage of asthma patients, ages 5-56, who were prescribed appropriate medication.

### Why is this important?

Asthma is one of the most common chronic conditions in the United States. It causes the tiny airways that bring air to the lungs to narrow, reducing the flow of oxygen to the body. For asthma sufferers, a trigger such as cigarette smoke, perfume, allergies or dust in the air can cause the tiny airways to constrict, choking the flow of oxygen to the body’s systems. Symptoms of asthma include difficulty breathing or shortness of breath, a tight feeling in the chest, coughing and wheezing. Inhaled corticosteroids are the recommended therapy for those with moderate to severe asthma. When used regularly they are proven to reduce the inflammation in the airways caused by asthma.



**Performance on this measure ranged from 81 percent to 97 percent.**

MEASURE SOURCE: HEDIS: Use of Appropriate Medications for People with Asthma

**QUALITY OF CARE FOR ACUTE CONDITIONS  
SECTION CONTENTS**

The Best Care for Children with a Cold ..... 19  
The Best Care for Children with a Sore Throat ..... 19  
The Best Care for Adults with Bronchitis..... 20  
Table of Results ..... 25  
Appendix Table..... 120



**Acute health conditions usually happen suddenly and do not last long.** Typically, acute illnesses last less than three months. A sore throat or a cold are both considered acute conditions. Treating these illnesses might not involve any prescription medication. In fact, the best treatment could be over-the-counter medication or getting some rest. **The following section includes measures for acute conditions where the best treatment was given for the identified illness.** This includes measures showing whether antibiotics were appropriately prescribed.

## The Best Care for Children with a Cold

### What is the measure?

Treatment of the common cold should not include prescribing antibiotics. This measure shows the percentage of children, 3 months to 18 years, diagnosed with a cold and not given an antibiotic.

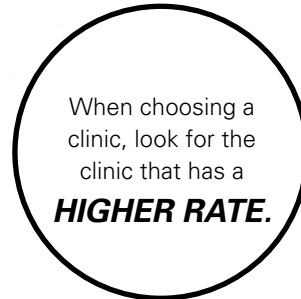
### Why is this important?

The most effective cure for the common cold is self-care at home. This can include over-the-counter medication, drinking fluids, and getting plenty of rest. There are over 200 viruses which can cause this illness, and antibiotics are not effective against viruses such as colds.

Remember, antibiotics are medicines that kill bacteria, not viruses. Taking antibiotics for viral illnesses, like the common cold, will not work. Even worse, using antibiotics when they are not needed may make them less likely to work for other illnesses in the future.

**Performance on this measure ranged from 40 percent to 97 percent.**

**MEASURE SOURCE: HEDIS: Appropriate Treatment for Children with Upper Respiratory Infection**



## The Best Care for Children with a Sore Throat

### What is the measure?

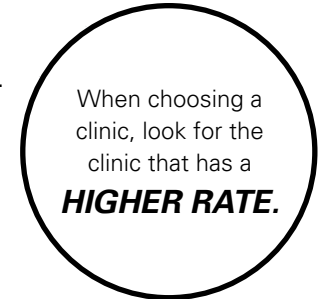
In some cases, the treatment of a sore throat includes prescribing antibiotics. This measure shows the percentage of children, ages 2-18, diagnosed with a sore throat and given a strep test and antibiotics rather than just receiving antibiotics without a strep test.

### Why is this important?

Most sore throats are caused by viruses and go away on their own after about a week. Sore throats not caused by viruses are usually caused by a bacterium called group A Streptococcus, and commonly called strep throat. Strep throat can be treated with antibiotics. Untreated strep throat can lead to rare but serious complications.

**Performance on this measure ranged from 27 percent to 99 percent.**

**MEASURE SOURCE: HEDIS: Appropriate Testing for Children with Pharyngitis**



## The Best Care for Adults with Bronchitis

### What is the measure?

Treatment of bronchitis in adults should not include prescribing antibiotics. This measure shows the percentage of adults 18 - 64 years, diagnosed with acute bronchitis and not given an antibiotic.

### Why is this important?

Acute bronchitis is sometimes also called a chest cold. The most effective cure for acute bronchitis is similar to when you have a cold. It can include over-the-counter medication to help quiet your cough, drinking fluids and getting plenty of rest.

When choosing a clinic, look for the clinic that has a **HIGHER RATE.**

Antibiotics are medicines that kill bacteria. Only one in ten cases of bronchitis are bacterial, which means 9 out of 10 cases of bronchitis won't be cured with an antibiotic. Also, using antibiotics when they are not needed may make them less likely to work for other illnesses in the future.

**Performance on this measure ranged from seven percent to 57 percent.**

**MEASURE SOURCE: HEDIS: Avoidance of Antibiotic Treatment in Adults with Acute Bronchitis**



**QUALITY OF PREVENTIVE CARE  
SECTION CONTENTS**

The Best Care to Help Prevent Breast Cancer. . . . . 22  
The Best Care to Help Prevent Cervical Cancer . . . . . 22  
The Best Care to Help Prevent Colorectal Cancer. . . . . 23  
The Best Care to Help Prevent Cancer . . . . . 23  
The Best Care to Detect Chlamydia. . . . . 24  
The Best Care to Provide Childhood Immunizations . . . . . 24  
Table of Results . . . . . 25  
Appendix Table. . . . . 150



**Preventive care keeps you healthy by avoiding an illness altogether or detecting it early when treatment can be most effective.** Receiving the right screenings and treatments are an important part of health care quality. For example, cancer screenings done at the right time can help detect abnormal cells early before they turn into cancer. **The following section includes preventive care measures where the right screenings or treatments were given at the right time for the identified illness.**

## The Best Care to Help Prevent Breast Cancer

### What is the measure?

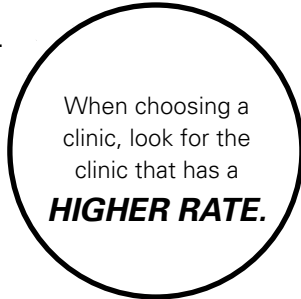
Women of a certain age should get a regular mammogram to check for signs of breast cancer. This measure shows the percentage of women, ages 52-69, who had a mammogram during the past two years.

### Why is this important?

A mammogram is the screening test used to check for breast cancer. It detects cancer early, when it can be treated most successfully. Breast cancer is the most common cancer affecting women in the United States. It is also the second leading cause of cancer death in women.

**Performance on this measure ranged from 55 percent to 91 percent.**

MEASURE SOURCE: HEDIS: Breast Cancer Screening



## The Best Care to Help Prevent Cervical Cancer

### What is the measure?

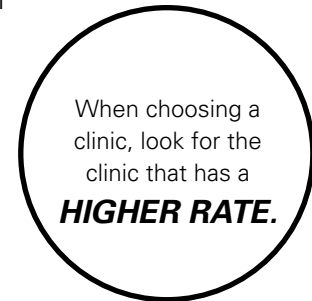
Prevention of cervical cancer in women includes getting a regular Pap test. This measure shows the percentage of women, ages 24-64, who received a Pap test in the last 3 years.

### Why is this important?

Cervical cancer develops slowly. Getting regular screenings can lead to early detection and successful treatment. Screening is done using Pap tests in which cells are taken from the cervix. The cells are then examined for abnormalities.

**Performance on this measure ranged from 50 percent to 89 percent.**

MEASURE SOURCE: HEDIS: Cervical Cancer Screening

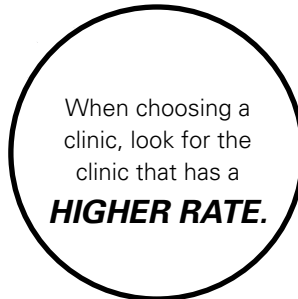


## The Best Care to Help Prevent Colorectal Cancer

### What is the measure?

Adults of a certain age should receive a test to check for colorectal cancer. This measure shows the percentage of adults, ages 51-80, who received one or more of four proven screening tests:

- Fecal occult blood test
- Flexible sigmoidoscopy
- Double contrast barium enema
- Colonoscopy



### Why is this important?

Most colorectal cancer begins as a polyp. A polyp is a growth projecting from the colon or rectum. Polyps can be detected during screening exams. The removal of the polyp can be the key to preventing colon cancer.

**Performance on this measure ranged from 43 percent to 94 percent.**

MEASURE SOURCE: HEDIS: Colorectal Cancer Screening

## The Best Care to Help Prevent Cancer

### What is the measure?

Tests to check for cancer are an important part of preventive care for people of a certain age. This measure shows the percentage of adults, ages 51-80, who received appropriate cancer tests.

For women, this measure includes getting tested for:

- Breast cancer
- Cervical cancer, and
- Colorectal cancer

For men, this measure includes getting tested for:

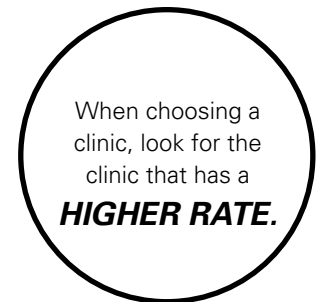
- Colorectal cancer

### Why is this important?

Cancer is the result of uncontrolled growth and spread of abnormal cells. Each type of cancer varies in how fast it grows and how it may spread in the body. The causes of cancer are complex and they may involve the individual's inherited genetics, as well as outside factors such as exposure to chemicals, smoke and the sun. Getting the right cancer screenings can catch the cancer early, leading to more successful treatment.

**Performance on this measure ranged from 15 percent to 89 percent.**

MEASURE SOURCE: HEDIS: Cancer Screening Combined



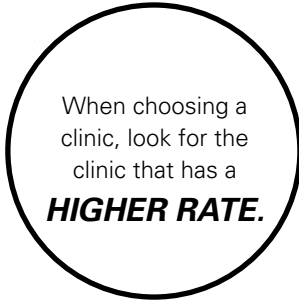
## The Best Care to Detect Chlamydia

### What is the measure?

Testing for Chlamydia is important for the health of teenage and young women who are having sex. This measure shows the percentage of sexually-active females, ages 16-25, who received a Chlamydia test.

### Why is this important?

Chlamydia is the most common sexually-transmitted infection in the United States. Many infected people have no symptoms. If left untreated, it can lead to infertility, or complications during pregnancy.



**Performance on this measure ranged from 15 percent to 81 percent.**

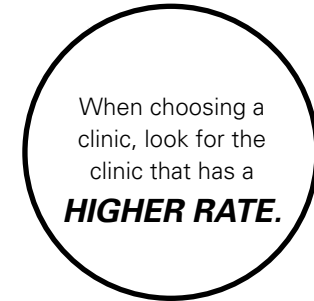
MEASURE SOURCE: HEDIS: Chlamydia Screening in Women

## The Best Care to Provide Childhood Immunizations

### What is the measure?

Protecting children from diseases involves getting important shots (vaccinations) when they will do the most good. This measure shows the percentage of children who received all of these vaccinations by the age of two:

- Diphtheria and Tetanus
- Polio
- Measles, Mumps and Rubella
- H Influenza Type B
- Hepatitis B
- Chicken Pox
- Pneumococcal



### Why is this important?

Before immunizations, infectious diseases often harmed or even killed infants, children and adults. While some of these diseases have been greatly reduced or even eliminated, these diseases could return and spread if children are not immunized against them. It is important that vaccinations are given at the right time for them to work the best.

**Performance on this measure ranged from 54 percent to 92 percent.**

MEASURE SOURCE: HEDIS: Childhood Immunization Status



# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>ADRIAN</b>													
Sanford Clinic Adrian	10%	*	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>ALBERT LEA</b>													
Mayo Health System- Albert Lea Medical Center	20%	29%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>APPLETON</b>													
Appleton Clinic	6%	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>ARLINGTON</b>													
Sibley Medical Center	3%	12%	*	*	*	95%	*	74%	66%	*	*	*	*
<b>AUSTIN</b>													
Mayo Health System- Austin Medical Center	21%	33%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Smart Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>BENSON</b>													
Affiliated Community Medical Centers	35%	42%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
<b>BLUE EARTH</b>													
United Hospital District Clinic	10%	31%	*	*	82%	*	*	*	*	*	*	*	*

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

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	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
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<b>BYRON</b>													
Olmsted Medical Center	22%	19%	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>CALEDONIA</b>													
Mayo Health System- Franciscan Skemp	29%	33%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>CANBY</b>													
Sanford Clinic Canby	14%	17%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>CANNON FALLS</b>													
Mayo Health System- Cannon Falls Medical Center	21%	*	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>CHATFIELD</b>													
Olmsted Medical Center	13%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>CLARA CITY</b>													
Clara City Clinic	*	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>CLARKFIELD</b>													
Clarkfield Clinic	*	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>DASSEL</b>													
Hutchinson Area Health Care- Dassel Medical Centr	21%	*	*	*	*	*	*	*	*	*	*	*	*

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Meeker Memorial Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>DAWSON</b>													
Dawson Clinic	18%	20%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>EDEN VALLEY</b>													
Paynesville Eden Valley Medical Clinic	3%	18%	69%	*	62%	86%	*	81%	76%	*	*	34%	*
<b>EDGERTON</b>													
Edgerton Family Clinic Avera	*	*	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
<b>FAIRFAX</b>													
Fairfax Medical Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>FAIRMONT</b>													
Braaten Medical Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
Dulcimer Medical Center	+	+	*	*	*	*	*	*	*	*	*	*	*
Mayo Health System-Fairmont Medical Center	16%	31%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Smart Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>FARIBAULT</b>													
Allina Medical Clinic	37%	40%	76%	91%	92%	88%	14%	81%	80%	72%	45%	61%	81%

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Mayo Health System-Cannon Valley Clinic	41%	38%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
FULDA													
Avera Worthington Specialty Clinics	*	*	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
GLENCOE													
Glencoe Regional Health Services	11%	18%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
GRACEVILLE													
Graceville Health Center Clinic	5%	18%	*	*	*	*	*	75%	81%	*	*	*	*
GRANITE FALLS													
Affiliated Community Medical Centers	38%	45%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
HARMONY													
Gundersen Lutheran	+	+	72%	94%	93%	84%	36%	89%	75%	80%	*	40%	*
HECTOR													
Renville County Hospital and Clinics	12%	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
HENDRICKS													
Hendricks Clinic P.A.	9%	25%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%

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<b>HOUSTON</b>													
Gunderson Lutheran	+	+	72%	94%	93%	84%	36%	89%	75%	80%	*	40%	*
<b>HUTCHINSON</b>													
Hutchinson Medical Center	28%	37%	48%	93%	90%	89%	11%	73%	71%	65%	31%	42%	56%
<b>IVANHOE</b>													
Ivanhoe Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>JACKSON</b>													
Sacred Heart Mercy Health Care Center	+	+	*	*	*	*	*	*	*	*	*	*	*
Sanford Clinic Jackson	11%	8%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>KASSON</b>													
Mayo Clinic	23%	39%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
<b>LA CRESCENT</b>													
Mayo Health System-Franciscan Skemp	41%	33%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>LAKE BENTON</b>													
Lake Benton Healthcare Center	*	*	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%

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<b>LAKE CITY</b>													
Mayo Health System	25%	48%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>LAKE CRYSTAL</b>													
Mankato Clinic	14%	31%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%
<b>LAKEFIELD</b>													
Avera Worthington Specialty Clinics	*	*	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
Sanford Clinic Lakefield	5%	*	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>LE SUEUR</b>													
Mayo Health System-Immanuel St. Joseph	33%	*	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Southern Metro Medical Clinics	16%	*	*	*	64%	83%	11%	79%	75%	*	*	41%	*
<b>LEWISTON</b>													
Winona Health	16%	*	56%	87%	93%	94%	44%	79%	75%	66%	*	42%	82%
<b>LITCHFIELD</b>													
Affiliated Community Medical Centers- Litchfield Clinic (East)	57%	51%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
Affiliated Community Medical Centers- Litchfield Clinic (West)	24%	24%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%

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<b>LONSDALE</b>													
FamilyHealth Medical Clinic	9%	*	*	*	90%	89%	25%	82%	75%	*	*	15%	*
<b>LUVERNE</b>													
Sanford Clinic	12%	15%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>MABEL</b>													
Winneshiek Medical Center	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>MADELIA</b>													
Mayo Health System-Immanuel St. Joseph	31%	37%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>MADISON</b>													
Lac Qui Parle Clinic	8%	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>MANKATO</b>													
Between the Bridges Health Center	+	+	*	*	*	*	*	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph- Mankato Eastridge	26%	31%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Mayo Health System-Immanuel St. Joseph- Mankato Specialty Clinic	25%	35%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Mankato Clinic- Main Street	16%	30%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%

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Mankato Clinic- Wickersham Campus	21%	36%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%
Open Door Health Center	2%	*	*	*	*	*	*	*	*	*	*	*	*
<b>MAPLETON</b>													
Mankato Clinic	24%	34%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%
<b>MARSHALL</b>													
Affiliated Community Medical Centers- Bruce Street	31%	38%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
Affiliated Community Medical Centers- Marshall Clinic- Market Street	36%	45%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
Avera Marshall Specialty Clinic	N/A	N/A	N/A	N/A	N/A	N/A	N/A	81%	79%	N/A	N/A	32%	N/A
<b>MILAN</b>													
Milan Clinic	*	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>MONTEVIDEO</b>													
Chippewa County Montevideo Hospital & Medical Clinic	14%	15%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>MONTGOMERY</b>													
Southern Metro Medical Clinics- Montgomery Medical Clinic	4%	*	*	*	64%	83%	11%	79%	75%	*	*	41%	*
<b>MOUNTAIN LAKE</b>													
Sanford Clinic	9%	*	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.



# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>NEW LONDON</b>													
Affiliated Community Medical Centers	37%	27%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
<b>NEW PRAGUE</b>													
Parkview Medical Clinic	15%	*	*	*	40%	94%	13%	79%	82%	*	*	36%	*
<b>NEW ULM</b>													
Allina Health System- New Ulm Medical Center	30%	40%	75%	91%	90%	89%	21%	83%	81%	43%	36%	48%	75%
<b>NORTH MANKATO</b>													
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	39%	60%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Mankato Clinic	32%	42%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%
<b>NORTHFIELD</b>													
Allina Medical Clinic	40%	47%	76%	91%	92%	88%	14%	81%	80%	72%	45%	61%	81%
<b>OLIVIA</b>													
Renville County Hospital and Clinics	7%	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>ORTONVILLE</b>													
Northside Medical Clinic	10%	25%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>OWATONNA</b>													
Mayo Health System-Owatonna Clinic	29%	33%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>PINE ISLAND</b>													
Olmsted Medical Center	21%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>PIPESTONE</b>													
Avera- Pipestone County Medical Center	4%	14%	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
<b>PLAINVIEW</b>													
Olmsted Medical Center	28%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>PRESTON</b>													
Olmsted Medical Center	20%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>RED WING</b>													
Fairview Red Wing Medical Center	28%	32%	74%	93%	89%	95%	20%	82%	82%	79%	58%	57%	84%
<b>REDWOOD FALLS</b>													
Affiliated Community Medical Centers	38%	41%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
<b>RENVILLE</b>													
Renville County Hospital and Clinics	4%	*	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>ROCHESTER</b>													
Mayo Clinic- Baldwin Building, Family Medicine	26%	48%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	22%	34%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
Mayo Clinic- Mayo Building	20%	44%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
Mayo Clinic- Northeast	30%	47%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
Mayo Clinic- Northwest	28%	34%	62%	96%	89%	76%	11%	89%	74%	91%	65%	41%	79%
Olmsted Medical Center- Rochester Northwest	28%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
Olmsted Medical Center- Rochester Southeast	19%	29%	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
Rochester Family Medicine Clinic	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>RUSHFORD</b>													
Winona Health	15%	*	56%	87%	93%	94%	44%	79%	75%	66%	*	42%	82%
<b>SLAYTON</b>													
Murray County Clinic	17%	28%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%
<b>SLEEPY EYE</b>													
Sleepy Eye Medical Center	1%	13%	51%	91%	73%	72%	12%	79%	76%	43%	15%	35%	70%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>SPICER</b>													
Paynesville Green Lake Medical Clinic	9%	*	69%	*	62%	86%	*	81%	76%	*	*	34%	*
<b>SPRING GROVE</b>													
Gundersen Lutheran	+	+	72%	94%	93%	84%	36%	89%	75%	80%	*	40%	*
<b>SPRING VALLEY</b>													
Olmsted Medical Center	8%	26%	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>SPRINGFIELD</b>													
Mayo Health System-Immanuel St. Joseph	34%	38%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>ST. CHARLES</b>													
Olmsted Medical Center	26%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>ST. JAMES</b>													
Mayo Health System-Immanuel St. Joseph	25%	34%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
Moulton & Parsons MDs	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>ST. PETER</b>													
Mayo Health System-Immanuel St. Joseph	36%	38%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
Mankato Clinic- Daniel's Health Center	20%	40%	73%	95%	83%	81%	18%	84%	80%	64%	*	49%	70%
River's Edge Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STEWARTVILLE</b>													
Olmsted Medical Center	8%	28%	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>TRACY</b>													
Sanford Clinic Tracy/Balaton/Walnut Grove	14%	21%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>TYLER</b>													
Tyler Medical Clinic	8%	17%	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
<b>WABASHA</b>													
Mayo Health System-Wabasha Clinic	30%	37%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>WANAMINGO</b>													
Olmsted Medical Center	14%	*	57%	93%	82%	87%	8%	87%	78%	56%	*	46%	81%
<b>WASECA</b>													
Mayo Health System-Immanuel St. Joseph	21%	46%	74%	91%	79%	75%	12%	81%	72%	72%	44%	40%	75%
<b>WATKINS</b>													
Paynesville Watkins Medical Clinic	4%	*	69%	*	62%	86%	*	81%	76%	*	*	34%	*

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	<b>28%</b>	<b>34%</b>	<b>70%</b>	<b>92%</b>	<b>87%</b>	<b>86%</b>	<b>19%</b>	<b>83%</b>	<b>80%</b>	<b>72%</b>	<b>53%</b>	<b>49%</b>	<b>80%</b>
<b>WESTBROOK</b>													
Sanford Clinic Westbrook	14%	11%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>WILLMAR</b>													
Affiliated Community Medical Centers	34%	44%	61%	95%	89%	74%	7%	84%	80%	64%	64%	49%	91%
Family Practice Medical Center of Willmar	33%	33%	74%	89%	96%	96%	11%	80%	83%	*	*	70%	*
<b>WINDOM</b>													
Avera- United Medical Clinic	6%	*	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
Hartberg Medical Clinic	15%	21%	*	*	*	*	*	*	*	*	*	*	*
Sanford Clinic Windom	9%	*	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
Windom Family Medical Center	+	+	*	*	*	*	*	*	*	*	*	*	*
<b>WINONA</b>													
Family Medicine of Winona	24%	24%	*	*	*	*	*	73%	72%	53%	36%	16%	*
Winona Health- Winona Health Clinics	21%	39%	56%	87%	93%	94%	44%	79%	75%	66%	*	42%	82%
<b>WINSTED</b>													
Ridgeview Winsted Clinic	4%	*	81%	90%	76%	95%	14%	75%	76%	67%	58%	48%	*

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.

# Quality of Care

When choosing a clinic, look for the clinic that has a higher rate.

## Note on Percentage Rates:

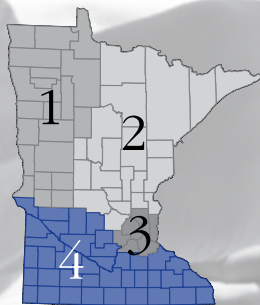
The rate shows how many patients out of one hundred reached the treatment goals or received the best medication.

	Chronic Conditions				Acute Conditions			Prevention					
	The Best Care for...				The Best Care For...			The Best Care To...					
	Adults with Diabetes	Adults with Vascular Disease	Adults with High Blood Pressure	Children and Adults with Asthma	Children with a Cold	Children with a Sore Throat	Adults with Bronchitis	Help Prevent Breast Cancer	Help Prevent Cervical Cancer	Help Prevent Colorectal Cancer	Help Prevent Cancer	Detect Chlamydia	Provide Childhood Immunizations
<b>Overall Minnesota Average</b>	28%	34%	70%	92%	87%	86%	19%	83%	80%	72%	53%	49%	80%
<b>WORTHINGTON</b>													
Avera Worthington Specialty Clinic	9%	22%	38%	92%	50%	56%	15%	81%	79%	67%	30%	32%	54%
Sanford Clinic	5%	13%	58%	87%	87%	74%	25%	83%	83%	77%	*	37%	67%
<b>ZUMBROTA</b>													
Fairview Red Wing Zumbrota Clinic	22%	32%	74%	93%	89%	95%	20%	82%	82%	79%	58%	57%	84%

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199). For more detailed information, see appendices starting on page 88.



**REGION 4**



# Hospital Measures

**REGION 4 Southwest, Southeast and South Central**, Big Stone, Blue Earth, Brown, Chippewa, Cottonwood, Dodge, Faribault, Fillmore, Freeborn, Goodhue, Houston, Jackson, Kandiyohi, Lac qui Parle, Le Sueur, Lincoln, Lyon, Martin, McLeod, Meeker, Mower, Murray, Nicollet, Nobles, Olmsted, Pipestone, Redwood, Renville, Rice, Rock, Sibley, Steele, Swift,, Wabasha, Waseca, Watonwan, Winona, Yellow Medicine





# Hospital Measures

<b>QUALITY OF CARE FOR HEART CONDITIONS . . . . .</b>	<b>43</b>
Table of Results . . . . .	51
<b>QUALITY OF CARE FOR SURGERIES . . . . .</b>	<b>55</b>
Table of Results . . . . .	60
<b>QUALITY OF CARE FOR MEDICAL COMPLICATIONS AND INFECTIONS . . . . .</b>	<b>64</b>
Table of Results . . . . .	72
<b>QUALITY OF CARE FOR OTHER CONDITIONS . . . . .</b>	<b>76</b>
Table of Results . . . . .	84

Choose the health care quality topic you want to learn about.

Hospital quality information is available for four topics:

- Heart Conditions
- Surgeries
- Medical Complications and Infections
- Other Conditions

One topic may be of greater interest to you than others. For example, if you or a loved one has a heart problem, you will probably be interested in the “Heart Conditions” topic. However, anyone facing a hospital stay should be interested in the topic “Medical Complications and Infections in the Hospital” since it discusses problems that can occur for any hospital patient. All the information refers to care provided for adult patients.

Each topic includes information on several different quality indicators. A quality indicator is a piece of information, usually a percentage rate, that shows how often patients had a particular experience when they received medical care. These experiences reflect a particular aspect of health care quality. Each health topic is briefly described below, with examples of quality indicators for that topic. To learn about all the indicators presented for each topic, please turn to the appropriate page noted in the index at the start of this section.

**Heart Conditions:** This section includes measures related to whether patients received the best type of care for heart attacks and heart failure.

**Surgeries:** This section includes information associated with heart surgeries and surgery to repair an abnormally enlarged artery supplying blood to the lower half of the body. There is also information regarding surgery-related complications and treatments.

**Medical Complications and Infections in the Hospital for Adult Patients:** This section includes problems or complications that can be experienced by any hospital patient, as well as infection prevention measures.

**Other Conditions:** This section includes information about the best types of treatment for pneumonia patients, and problems related to hip fracture surgeries, and childbirth, specifically how often a birth-related injury occurs to the mother.

## More Information about the Results

**Be sure to note whether a higher or lower percentage rate is better for the measure you are interested in.** This will vary across the different measures for hospitals. Keep in mind the percentage rate is related to how many patients out of one hundred met the criteria outlined in the measure. For example, if the hospital rate for the “Heart Attack: Aspirin Given When Patients Arrived at the Hospital” measure is 88%, this means 88 out of 100 heart attack patients received aspirin when they arrived at the hospital.

**QUALITY OF CARE FOR HEART CONDITIONS  
SECTION CONTENTS**

**Quality of Care for Heart Attacks**

The Best Care for Heart Attack Patients . . . . . 44

Aspirin Given When Patients Arrived at the Hospital. . . . . 44

Aspirin Prescribed When Patients were Released from the Hospital . . . . . 45

Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital . . . . . 45

Patients Given Advice or Counseling About Quitting Smoking While in the Hospital . . . . . 46

Patients Given Beta Blocker Prescription When Released from the Hospital. . . . . 46

Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival. . . . . 47

Patients Given PCI Within 90 Minutes of Hospital Arrival . . . . . 47

Table of Results . . . . . 51

Appendix Table. . . . . 206

**Quality of Care for Heart Failure**

The Best Care for Heart Failure Patients . . . . . 48

Patients Given Instructions When Released from the Hospital. . . . . 49

Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released . . . . 49

Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital . . . . . 50

Patients Given Advice or Counseling About Quitting Smoking While in the Hospital . . . . . 50

Table of Results . . . . . 51

Appendix Table. . . . . 206



**HEART ATTACKS**

A heart attack (also called acute myocardial infarction or AMI) happens when the arteries leading to the heart become blocked and the blood supply is slowed or stopped. When the heart muscle can't get the oxygen and nutrients it needs, the part of the heart tissue that is affected may die.

The symptoms of a heart attack can include:

- chest pain (*often described as a crushing, squeezing or burning pain in the center of the chest that may radiate to your arm or jaw*)
- shortness of breath
- dizziness or faintness
- sweating
- nausea
- cold or clammy skin
- a gray or very ill appearance.

Sometimes there may be no symptoms, especially if you have diabetes. Women sometimes have different symptoms, such as a different kind of chest pain and/or abdominal pain.

## The Best Care for Heart Attack Patients

### What is the measure?

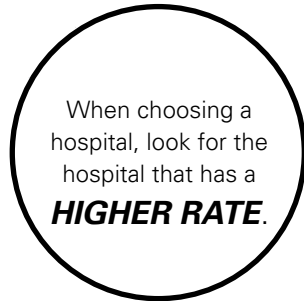
This measure shows the percent of patients receiving ALL of the appropriate care that they should have received based on their clinical condition. For heart attack patients this includes the remaining measures in this section:

- Aspirin Given When Patients Arrive at the Hospital
- Aspirin Given When Patients were Released from the Hospital
- Patients Given ACE Inhibitor or ARB Prescription for left ventricular systolic dysfunction (LVSD) When Released from the Hospital
- Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
- Patients Given Beta Blocker Prescription When Released from the Hospital
- Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival
- Patients Given PCI Within 90 Minutes of Hospital Arrival

The measure takes patient individuality into consideration, looking at one patient and his/her episode of care at a time, related to heart attacks (also known as acute myocardial infarction or AMI).

### Why is this important?

This measure is a composite, or all-or-none, quality of care measure called an appropriate care measure (ACM). These types of measures are patient-focused measures that provide a way of looking at whether a patient received ALL of the “appropriate” or “right care” (recommended treatments) that he or she should have received, based on his or her clinical condition.



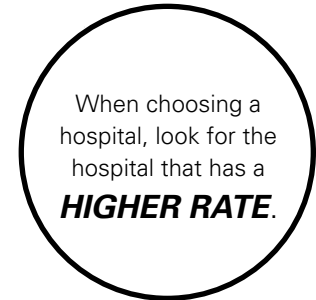
**Performance on this measure ranged from 88 percent to 100 percent.**

**MEASURE SOURCE:** Acute Myocardial Infarction Appropriate Care Measure (AMI-ACM)

## Heart Attack: Aspirin Given When Patients Arrived at the Hospital

### What is the measure?

This measure shows the percent of heart attack patients who were given (or took) aspirin within 24 hours of arrival at the hospital.



### Why is this important?

The heart is a muscle that gets oxygen through blood vessels. Sometimes blood clots can block these blood vessels, and the heart can't get enough oxygen. This can cause a heart attack (also known as an acute myocardial infarction or AMI). Chewing an aspirin as soon as symptoms of a heart attack begin may help reduce the severity of the attack. This chart shows the percent of heart attack patients who were given (or took) aspirin within 24 hours of arrival at the hospital.

**Performance on this measure ranged from 93 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (AMI-1: Aspirin at arrival)

## Heart Attack: Aspirin Prescribed When Patients were Released from the Hospital

### What is the measure?

This measure shows the percent of heart attack patients who were prescribed aspirin when they were discharged from the hospital.

### Why is this important?

Blood clots can block blood vessels. Aspirin can help prevent blood clots from forming or help dissolve blood clots that have formed. Following a heart attack, continued use of aspirin may help reduce the risk of another heart attack. Aspirin can have side effects like stomach inflammation, bleeding, or allergic reactions. Talk to your health care provider before using aspirin on a regular basis to make sure it's safe for you.

**Performance on this measure ranged from 95 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(AMI-2: Aspirin prescribed at discharge)



## Heart Attack: Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital

### What is the measure?

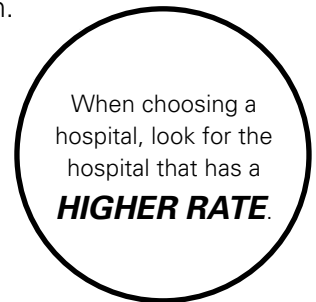
This measure is used to assess the percent of heart attack patients with left ventricular systolic dysfunction (LVSD) who were prescribed an ACE Inhibitor or ARB when they were discharged from the hospital. For purposes of this measure, LVSD is defined as chart documentation of a left ventricular ejection fraction (LVEF) less than 40% or a narrative description of left ventricular systolic (LVS) function consistent with moderate or severe systolic dysfunction.

### Why is this important?

ACE (angiotensin converting enzyme) inhibitors and ARBs (angiotensin receptor blockers) are medicines used to treat patients with heart failure and are particularly beneficial in those patients with heart failure and decreased function of the left side of the heart. Early treatment with ACE inhibitors and ARBs in patients who have heart failure symptoms or decreased heart function after a heart attack can also reduce their risk of death from future heart attacks. ACE inhibitors and ARBs work by limiting the effects of a hormone that narrows blood vessels, and may thus lower blood pressure and reduce the work the heart has to perform. Since the ways in which these two kinds of drugs work are different, your doctor will decide which drug is most appropriate for you. If you have a heart attack and/or heart failure, you should get a prescription for ACE inhibitors or ARBs if you have decreased heart function before you leave the hospital.

**Performance on this measure ranged from 96 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(AMI-3: ACEI or ARB for Left Ventricular Systolic Dysfunction (LVSD))



## Heart Attack: Patients Given Advice or Counseling About Quitting Smoking While in the Hospital

### What is the measure?

This measure shows the percent of heart attack patients with a history of smoking cigarettes, who were given advice/counseling about stopping smoking while they were in the hospital. For the purposes of this measure, a smoker is defined as someone who has smoked cigarettes anytime during the year prior to hospital arrival.



### Why is this important?

Smoking increases your risk for developing blood clots and heart disease that can result in a heart attack, heart failure or stroke. Smoking causes your arteries to thicken and your blood vessels to narrow. Fat and plaque stick to the walls of your arteries, which makes it harder for blood to flow. Reduced blood flow to your heart may result in chest pain, high blood pressure, and an increased heart rate. Smoking is also linked to lung disease and cancer, and can cause premature death. It is important that you get information to help you quit smoking before you leave the hospital. Quitting may help prevent another heart attack.

**Performance on this measure ranged from 99 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(AMI-4: Adult smoking cessation advice/counseling)

## Heart Attack: Patients Given Beta Blocker Prescription When Released from the Hospital

### What is the measure?

This measure shows the percent of heart attack patients who were prescribed a beta-blocker when they were discharged from the hospital.



### Why is this important?

Beta blockers are a type of medicine that is used to lower blood pressure, treat chest pain (angina) and heart failure, and to help prevent a heart attack. Beta blockers relieve the stress on your heart by slowing the heart rate and reducing the force with which your heart muscles contract to pump blood. They also help keep blood vessels from constricting in your heart, brain, and body. If you have a heart attack, you should get a prescription for a beta blocker before you leave the hospital.

**Performance on this measure ranged from 93 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(AMI-5: Beta-blocker prescribed at discharge)

## Heart Attack: Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival

### What is the measure?

This measure shows the percent of heart attack patients receiving fibrinolytic therapy during the hospital stay and having a time from hospital arrival to fibrinolysis of 30 minutes or less.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

### Why is this important?

The heart is a muscle that gets oxygen through blood vessels. Sometimes blood clots can block these blood vessels and the heart can't get enough oxygen. This can cause a heart attack. Fibrinolytic drugs are medicines that can help dissolve blood clots in blood vessels and improve blood flow to your heart. You should get them within 30 minutes of arrival at the hospital.

**MEASURE SOURCE:** Hospital Compare Measure (AMI-7a: Fibrinolytic therapy received within 30 minutes of hospital arrival)

## Heart Attack: Patients Given PCI Within 90 Minutes of Hospital Arrival

### What is the measure?

This measure shows the percentage of heart attack patients receiving primary Percutaneous Coronary Intervention (PCI) during the hospital stay. For the purposes of this measure, the PCI was received within 90 minutes or less from the time the patient arrived at the hospital.

### Why is this important?

The heart is a muscle that gets oxygen through blood vessels. Sometimes blood clots can block these blood vessels, and the heart can't get enough oxygen. This can cause a heart attack. Percutaneous Coronary Interventions (PCI) are procedures that are among the most effective ways to open blocked blood vessels and help prevent further heart muscle damage. A PCI is performed by a doctor to open the blockage and increase blood flow in blocked blood vessels. Improving blood flow to your heart as quickly as possible lessens the damage to your heart muscle. It also can increase your chances of surviving a heart attack. There are three procedures commonly described by the term PCI. These procedures all involve a catheter (a flexible tube) that is inserted, often through your leg, and guided through the blood vessels to the blockage. The three procedures are:

- Angioplasty - a balloon is inflated to open the blood vessel.
- Stenting - a small wire tube called a stent is placed in the blood vessel to hold it open.
- Atherectomy - a blade or laser cuts through and removes the blockage.

**Performance on this measure ranged from 87 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (AMI-8a: Primary percutaneous coronary intervention (PCI) received within 90 minutes of hospital arrival)

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

## HEART FAILURE

Heart Failure is a weakening of the heart's pumping power. With heart failure, your body doesn't get enough oxygen and nutrients to meet its needs. Your heart tries to pump more blood, but the muscle walls become weaker over time.

Symptoms of heart failure may include:

- shortness of breath from fluid in the lungs
- swelling (such as in legs, ankles or abdomen)
- dizziness
- fatigue
- weakness
- cold or clammy skin
- a rapid or irregular heartbeat.

Heart failure can be a result of heart condition due to

- hardening of the arteries, also known as coronary artery disease,
- a heart attack,
- cardiomyopathy (heart muscle damage from infection or alcohol or drug abuse), or
- an overworked heart (caused over time by conditions like high blood pressure, kidney disease, diabetes, or a defect from birth).

## The Best Care for Heart Failure Patients

### What is the measure?


This measure shows the percent of patients receiving ALL of the appropriate care that they should have received based on their clinical condition. For heart failure patients this includes the remaining measures in this section:

- Patients Given Instructions When Released from the Hospital
- Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released
- Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital
- Patients Given Advice or Counseling About Quitting Smoking While in the Hospital

The measure takes patient individuality into consideration, looking at one patient and their episode of care at a time, related to heart failure.

### Why is this important?

This measure is a composite, or all-or-none, quality of care measure called an appropriate care measure (ACM). These types of measures are patient-focused measures that provide a way of looking at whether a patient received ALL of the "appropriate" or "right care" (recommended treatments) that he or she should have received, based on his or her clinical condition. Each patient is unique and may not be eligible for every type of care for a condition. The measure takes this into consideration.



When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

**Performance on this measure ranged from 26 percent to 98 percent.**

MEASURE SOURCE: Heart Failure Appropriate Care Measure (HF-ACM)



## Heart Failure: Patients Given Instructions When Released from the Hospital

### What is the measure?

This measure shows the percent of heart failure patients given written discharge instructions or educational materials when they were discharged from the hospital.

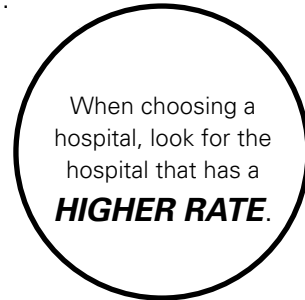
### Why is this important?

Heart failure is a chronic condition. It results in symptoms such as shortness of breath, dizziness, and fatigue. Before you leave the hospital, the staff at the hospital should provide you with information to help you manage the symptoms after you get home. The information should include:

- activity level (what you can and can't do)
- diet (what you should, and shouldn't eat or drink)
- medications
- follow-up appointment
- watching your daily weight
- what to do if your symptoms get worse

**Performance on this measure ranged from 50 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(HF-1: Discharge instructions)



## Heart Failure: Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released

### What is the measure?

This measure shows the percent of heart failure patients with documentation in the hospital record that left ventricular systolic (LVS) function was evaluated before arrival, during hospitalization, or is planned for after discharge.

### Why is this important?

The proper treatment for heart failure depends on what area of your heart is affected. An important test is to check how your heart is pumping, called an "evaluation of the left ventricular systolic function." It can tell your health care provider whether the left side of your heart is pumping properly.

**Performance on this measure ranged from 70 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(HF-2: Evaluation of left ventricular systolic (LVS) function)




## Heart Failure: Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital

### What is the measure?

This measure shows the percent of heart failure patients with left ventricular systolic dysfunction (LVSD) who are prescribed an ACEI or ARB at hospital discharge. For purposes of this measure, LVSD is defined as chart documentation of a left ventricular ejection fraction (LVEF) less than 40% or a narrative description of left ventricular systolic (LVS) function consistent with moderate or severe systolic dysfunction.

### Why is this important?

ACE (angiotensin converting enzyme) inhibitors and ARBs (angiotensin receptor blockers) are medicines used to treat patients with heart failure and are particularly beneficial in those patients with heart failure and decreased function of the left side of the heart. Early treatment with ACE inhibitors and ARBs in patients who have heart failure symptoms or decreased heart function after a heart attack can also reduce their risk of death from future heart attacks. ACE inhibitors and ARBs work by limiting the effects of a hormone that narrows blood vessels, and may thus lower blood pressure and reduce the work the heart has to perform. Since the ways in which these two kinds of drugs work are different, your doctor will decide which drug is most appropriate for you. If you have a heart attack and/or heart failure, you should get a prescription for ACE inhibitors or ARBs if you have decreased heart function before you leave the hospital.

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When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

**Performance on this measure ranged from 81 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (HF-3: ACEI or ARB for left ventricular systolic dysfunction (LVSD))


## Heart Failure: Patients Given Advice or Counseling About Quitting Smoking While in the Hospital

### What is the measure?

This measure shows the number of heart failure patients with a history of smoking cigarettes, who are given advice or counseling about stopping smoking while in the hospital. For the purposes of the measure, a smoker is defined as someone who has smoked cigarettes anytime during the year prior to hospital arrival.

### Why is this important?

Smoking increases your risk for developing blood clots and heart disease, which can result in a heart attack, heart failure or stroke. Smoking causes your blood vessels to thicken. Fat and plaque then stick to the wall of your blood vessels, which makes it harder for blood to flow. Reduced blood flow to your heart may result in chest pain, high blood pressure, and an increased heart rate. Smoking is linked to lung disease and cancer, and can cause premature death. It is important for your health that you get information to help you quit smoking before you leave the hospital.

A circular callout box with a black border containing text.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

**Performance on this measure ranged from 96 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (HF-4: Adult smoking cessation advice/counseling)

# Quality of Care for Heart Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred received the described treatment.

HOSPITAL NAME	Heart Attack								Heart Failure				
	The Best Care for Heart Attack Patients	Aspirin Given When Patients Arrived at the Hospital	Aspirin Prescribed When Patients were Released from the Hospital	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Beta Blocker Prescription When Released from the Hospital	Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival	Patients Given PCI Within 90 Minutes of Hospital Arrival	The Best Care for Heart Failure Patients	Patients Given Instructions When Released from the Hospital	Patients Given Evaluation of LVS Function While in the Hospital or Scheduled for After the Patient was Released	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from the Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
<b>Overall Minnesota Average</b>	<b>97%</b>	<b>95%</b>	<b>93%</b>	<b>94%</b>	<b>90%</b>	<b>90%</b>	<b>*</b>	<b>94%</b>	<b>83%</b>	<b>70%</b>	<b>83%</b>	<b>86%</b>	<b>83%</b>
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	78%	70%	95%	*	*
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	94%	94%	99%	*	*
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	*	*	96%	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	81%	70%	100%	100%	*
Fairview Red Wing Hospital	*	*	*	*	*	*	*	*	97%	96%	100%	*	*
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	69%	*	96%	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	*	88%	83%	100%	*	*

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For more detailed information, see appendices starting on page 203.

# Quality of Care for Heart Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred received the described treatment.

HOSPITAL NAME	Heart Attack								Heart Failure				
	The Best Care for Heart Attack Patients	Aspirin Given When Patients Arrived at the Hospital	Aspirin Prescribed When Patients were Released from the Hospital	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Beta Blocker Prescription When Released from the Hospital	Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival	Patients Given PCI Within 90 Minutes of Hospital Arrival	The Best Care for Heart Failure Patients	Patients Given Instructions When Released from the Hospital	Patients Given Evaluation of LVS Function While in the Hospital or Scheduled for After the Patient was Released	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from the Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
<b>Overall Minnesota Average</b>	97%	95%	93%	94%	90%	90%	*	94%	83%	70%	83%	86%	83%
Immanuel-St Josephs: Mayo Health System - Mankato	100%	100%	100%	100%	100%	100%	*	100%	91%	90%	97%	100%	*
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	32%	*	74%	*	*
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	*	*	*	*	*	*	*	*	97%	94%	100%	*	*
Northfield Hospital	*	*	*	*	*	*	*	*	69%	62%	98%	*	*
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*

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For more detailed information, see appendices starting on page 203.

# Quality of Care for Heart Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred received the described treatment.

HOSPITAL NAME	Heart Attack								Heart Failure				
	The Best Care for Heart Attack Patients	Aspirin Given When Patients Arrived at the Hospital	Aspirin Prescribed When Patients were Released from the Hospital	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Beta Blocker Prescription When Released from the Hospital	Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival	Patients Given PCI Within 90 Minutes of Hospital Arrival	The Best Care for Heart Failure Patients	Patients Given Instructions When Released from the Hospital	Patients Given Evaluation of LVS Function While in the Hospital or Scheduled for After the Patient was Released	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from the Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
<b>Overall Minnesota Average</b>	<b>97%</b>	<b>95%</b>	<b>93%</b>	<b>94%</b>	<b>90%</b>	<b>90%</b>	<b>*</b>	<b>94%</b>	<b>83%</b>	<b>70%</b>	<b>83%</b>	<b>86%</b>	<b>83%</b>
Owatonna Hospital	*	*	*	*	*	*	*	*	96%	95%	97%	*	*
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	*	78%	88%	90%	*	*
Rice Memorial Hospital - Willmar	*	*	*	*	*	*	*	*	84%	82%	97%	92%	*
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Hospital Luverne	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	*	62%	85%	76%	*	*
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*

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For more detailed information, see appendices starting on page 203.

# Quality of Care for Heart Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

### Note on Percentage Rates:

The rate shows how many patients out of one hundred received the described treatment.

HOSPITAL NAME	Heart Attack								Heart Failure				
	The Best Care for Heart Attack Patients	Aspirin Given When Patients Arrived at the Hospital	Aspirin Prescribed When Patients were Released from the Hospital	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Beta Blocker Prescription When Released from the Hospital	Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival	Patients Given PCI Within 90 Minutes of Hospital Arrival	The Best Care for Heart Failure Patients	Patients Given Instructions When Released from the Hospital	Patients Given Evaluation of LVS Function While in the Hospital or Scheduled for After the Patient was Released	Patients Given ACE Inhibitor or ARB Prescription for LVSD When Released from the Hospital	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
<b>Overall Minnesota Average</b>	<b>97%</b>	<b>95%</b>	<b>93%</b>	<b>94%</b>	<b>90%</b>	<b>90%</b>	<b>*</b>	<b>94%</b>	<b>83%</b>	<b>70%</b>	<b>83%</b>	<b>86%</b>	<b>83%</b>
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	99%	100%	99%	100%	100%	100%	*	*	91%	89%	100%	96%	100%
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	90%	93%	*	*	*	*	*	*	98%	100%	98%	*	*

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For more detailed information, see appendices starting on page 203.

**QUALITY OF CARE FOR SURGERIES  
SECTION CONTENTS**

**Quality of Heart Surgeries**

Heart Bypass Surgery: Number of Operations and Death Rate . . . . . 56  
 Angioplasty Heart Surgery: Number of Operations and Death Rate . . . . . 56  
 Table of Results . . . . . 60  
 Appendix Table. . . . . 210

**Quality of Other Surgeries**

Surgical Repair of an Abdominal Aortic Aneurysm:  
 Number of Operations and Death Rate . . . . . 57  
 Vaginal Hysterectomy Surgical Site Infection Rate . . . . . 58  
 Surgery Patients Whose Doctors Ordered Treatment  
 to Prevent Blood Clots After Certain Types of Surgeries . . . . . 58  
 Surgery Patients Who Received Treatment at the Right Time  
 to Prevent Blood Clots After Certain Types of Surgery . . . . . 59  
 Table of Results . . . . . 60  
 Appendix Table. . . . . 213



**HEART SURGERIES**

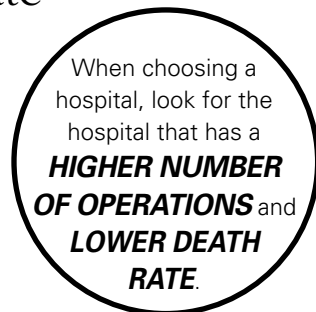
When arteries carrying blood to the heart get blocked, this can lead to a heart attack. There are a number of surgical interventions which can unblock these blood vessels and restore blood flow. Since these surgeries are so technically difficult, outcomes will generally be better at hospitals that perform more of these procedures. The measures in this section report the number of surgeries performed and the death rate for heart bypass surgery and angioplasty heart surgery.

Use the information in this section to see how hospitals compare in their quality of care related to heart surgeries.

## Heart Bypass Surgery: Number of Operations and Death Rate

### What is the measure?

Heart bypass surgery can restore good blood flow to the heart. The coronary artery bypass graft (CABG) surgery reroutes, or “bypasses,” blood around clogged arteries to improve blood flow and oxygen to the heart. These measures show the number of times a hospital performed a CABG and the rate of patient deaths related to the surgery. Research shows that, in general, when hospitals do these procedures frequently, they are more likely to have good results. Often, but not always, a hospital that has a higher number of operations will have lower death rates.



### Why is this important?

The arteries that bring blood to the heart muscle can become clogged by fat and other substances. This can slow or stop blood flow through the heart’s blood vessels, leading to chest pain or a heart attack. A bypass surgery may be recommended to implant tissue from another part of the body to act as a tube that allows blood to flow around one or more blocked or narrowed arteries.

Although CABG is a fairly common form of open heart surgery, it is a technically difficult procedure. Errors during the surgery may lead to other health problems, such as heart attack, stroke, and death. About 3-4% of patients die from CABG surgery. Your surgical risks are related to your age, other medical conditions and the number of procedures you have during one operation. Hospitals that perform more of these surgeries have been associated with better outcomes, including a lower number of deaths.

**MEASURE SOURCE: AHRQ Inpatient Quality Indicators (IQI 5: CABG Volume and IQI 12: CABG Mortality Rate)**

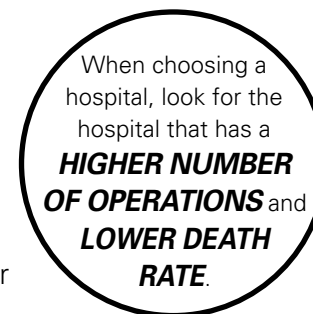
## Angioplasty Heart Surgery: Number of Operations and Death Rate

### What is the measure?

Percutaneous transluminal coronary angioplasty (PTCA) can restore good blood flow to the heart. PTCA surgery involves inserting a tube through the leg or arm, into the heart, to open blocked arteries and keep them open. These measures show the number of times a hospital performed this procedure and the rate of patient deaths related to the surgery. Research shows that, in general, when hospitals do these procedures frequently, they are more likely to have good results. Often, but not always, a hospital that has a higher number of procedures will have lower death rates.

### Why is this important?

The arteries that bring blood to the heart muscle can become clogged by fat and other substances. This can slow or stop blood flow through the heart’s blood vessels, leading to chest pain or a heart attack. A PTCA may be recommended to open blocked arteries and improve blood to flow to the heart. A catheter (long hollow tube) is inserted through the leg or arm, into the heart, to open blocked arteries.



Although PTCA is a fairly common form of heart surgery, it is a technically difficult procedure. Errors during surgery may lead to other health problems. About 1.31% of U.S. patients die from PTCA surgery. Your surgical risks are related to your age and other medical conditions.

**MEASURE SOURCE: AHRQ Inpatient Quality Indicators (IQI 6: PTCA Volume and IQI 30: PTCA Mortality Rate)**



## OTHER SURGERIES

Every year, more than 15 million Americans have surgery. Of these surgeries, those that are not related to an emergency are called elective surgeries. In these cases you have time to learn about your operation. You can also use this time to work with your doctor and make sure this is the right treatment for you. It is also important to consider the type of care provided at the hospital, which can reduce your risk of complications or infections. There are steps hospitals can take to lower the risk of complication and provide higher quality of care related to surgeries. An example would be ordering the best medications to prevent blood clots after an operation.

Use the information in this section to see how hospitals compare in their quality of care related to surgeries.

## Surgical Repair of an Abdominal Aortic Aneurysm: Number of Operations and Death Rate

### What is the measure?

These measures show the quality of hospital care related to the surgical repair of an enlarged artery or vein supplying blood to the lower half of the body. The table below shows the number of times a hospital performed this operation and rate of patient deaths related to the surgery. This procedure is somewhat rare. Research shows that, in general, when hospitals do these procedures frequently, they are more likely to have good results. Often, but not always, a hospital that has a higher number of operations will have lower death rates.

### Why is this important?

Surgery to repair an abdominal aortic aneurysm (AAA) is recommended if the aneurysm causes additional symptoms or grows to a size that is likely to burst. Abdominal aortic aneurysm repair is a fairly rare form of surgery. It is a technically difficult procedure with a high death rate compared to other forms of surgery.

Surgeons completing AAA repair need to have great skill using complex equipment. Technical errors may lead to other health problems, such as irregular heartbeat, heart attack, injury to the large intestine (colonic ischemia), and death.

When choosing a hospital, look for the hospital that has a **HIGHER NUMBER OF OPERATIONS** and **LOWER DEATH RATE**.

**MEASURE SOURCE:** AHRQ Inpatient Quality Indicators (IQI 4: Abdominal aortic aneurysm (AAA) repair volume and IQI 11: Abdominal aortic aneurysm (AAA) repair mortality rate)

## Vaginal Hysterectomy Surgical Site Infection Rate

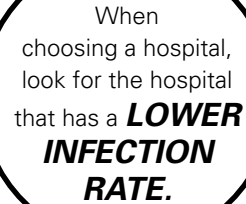
### What is the measure?

This measure shows the percent of vaginal hysterectomy patients with a surgical site infection.

### Why is this important?

Surgical site infections are a common complication of care. They can increase the length and cost of a hospital stay. About 2.6 percent of operations are complicated by surgical site infections every year. By following proven strategies for infection prevention, these rates can be reduced. This would save the patient from this potentially serious complication and the hospital the additional resources associated with that care.

**MEASURE SOURCE:** Healthcare-Associated Infection Measure (Vaginal hysterectomy surgical site infection rate)



When choosing a hospital, look for the hospital that has a **LOWER INFECTION RATE.**


## Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries

### What is the measure?

This measure shows the percent of surgery patients whose doctors ordered treatments to prevent blood clots after certain types of surgeries. In this case, the recommended venous thromboembolism (VTE) prophylaxis, or treatment to prevent blood clots, was ordered anytime from hospital arrival to 24 hours after surgery end time.

### Why is this important?

Certain surgeries increase the risk that the patient will develop a blood clot (venous thromboembolism). When patients stay still for a long time after some types of surgery, they are more likely to develop a blood clot in the veins of the legs, thighs, or pelvis. A blood clot slows down the flow of blood, causing swelling, redness, and pain. A blood clot can also break off and travel to other parts of the body. If the blood clot gets into the lung, it is a serious problem that can cause death.



When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

To help prevent blood clots from forming after surgery, doctors can order treatments to be used just before or after the surgery. These include blood-thinning medications, elastic support stockings, or mechanical air stockings that help with blood flow in the legs.

**Performance on this measure ranged from 75 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (SCIP-VTE-1: Surgery patients with recommended venous thromboembolism prophylaxis ordered)

## Surgery Patients Who Received Treatment at the Right Time to Prevent Blood Clots After Certain Types of Surgery

### What is the measure?

This measure shows the percent of surgery patients who got treatment at the right time to help prevent blood clots after certain types of surgeries. These treatments need to be started at the right time, which is typically during the period that begins 24 hours before surgery and ends 24 hours after surgery.

### Why is this important?

Many factors influence a surgery patient's risk of developing a blood clot, including the type of surgery. When patients stay still for a long time after some types of surgery, they are more likely to develop a blood clot in the veins of the legs, thighs, or pelvis. A blood clot slows down the flow of blood, causing swelling, redness, and pain. A blood clot can also break off and travel to other parts of the body. If the blood clot gets into the lung, it is a serious problem that can sometimes cause death.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

Treatments to help prevent blood clots from forming after surgery include blood-thinning medications, elastic support stockings, or mechanical air stockings that help with blood flow in the legs.

**Performance on this measure ranged from 66 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (SCIP-VTE-2: Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery)



# Quality of Care for Surgeries

When choosing a hospital, please check to see if the higher or lower rate is better.

**Number of Operations:** The number of these surgeries performed.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

**When Compared to Expected:** This comparison is based on how the hospital's risk adjusted rate measures up to the expected rate of other similar hospitals, identifying it as performing the **SAME**, **BETTER**, or **WORSE**.

When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

## HOSPITAL NAME

HOSPITAL NAME	Heart Surgeries						Other Surgeries						
	Heart Bypass Surgery			Angioplasty Heart Surgery			Surgical Repair of an Abdominal Aortic Aneurysm			Vaginal Hysterectomy Surgical Site Infection			Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries
	Number of Operations	Risk Adjusted Death Rate	When Compared to Expected Rate	Number of Operations	Risk Adjusted Death Rate	When Compared to Expected Rate	Number of Operations	Risk Adjusted Death Rate	When Compared to Expected Rate	When Compared to Other Hospitals	Infection Rate		
<b>Overall Minnesota Average</b>												<b>87%</b>	<b>86%</b>
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	SAME	0%	97%	97%
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	98%	96%
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	*	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	SAME	0%	*	*
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	97%	97%
Fairview Red Wing Hospital	*	*	*	*	*	*	*	*	*	SAME	1%	98%	98%
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	*	*	*	*	96%	96%

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\* Sufficient data not available or procedure is not performed at hospital.

For more detailed information, see appendices starting on page 203.

# Quality of Care for Surgeries

When choosing a hospital, please check to see if the higher or lower rate is better.

**Number of Operations:** The number of these surgeries performed.  
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<b>Overall Minnesota Average</b>											87%	86%	
Immanuel-St Josephs: Mayo Health System - Mankato	*	*	*	272	1%	SAME	*	*	*	SAME	0%	93%	91%
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	*	*	SAME	1%	100%	99%
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	*	*	*	*	*	*	*	*	*	*	*	95%	93%
Northfield Hospital	*	*	*	*	*	*	*	*	*	*	*	86%	82%
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	*	*	SAME	5%	94%	94%
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*

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<b>Overall Minnesota Average</b>												87%	86%
Owatonna Hospital	*	*	*	*	*	*	*	*	*	SAME	0%	86%	86%
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	*	*	*	*	87%	87%
Rice Memorial Hospital - Willmar	*	*	*	*	*	*	*	*	*	SAME	0%	94%	90%
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Hospital Luverne	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	*	*	*	*	88%	*
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*

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# Quality of Care for Surgeries

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<b>Overall Minnesota Average</b>												87%	86%
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	813	2%	BETTER	1289	1%	BETTER	230	2%	BETTER	*	*	100%	99%
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	*	*	*	*	*	*	*	*	*	SAME	0%	95%	95%

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 For more detailed information, see appendices starting on page 203.

**QUALITY OF CARE FOR MEDICAL  
COMPLICATIONS AND INFECTIONS**

**SECTION CONTENTS**

**Quality of Care for Medical Complications in the Hospital for Adult Patients**

Death Rate From Failure to Identify and Treat a  
Serious Complication . . . . . 65

Rate of Patients with Bed Sores . . . . . 65

Rate of Blood Clots in the Lung or Large Vein After an Operation . . . . . 66

Table of Results . . . . . 72

Appendix Table. . . . . 221

**Quality of Infection Prevention**

Central Line Infection (CLI) Prevention . . . . . 67

Ventilator Associated Pneumonia (VAP) Prevention. . . . . 68

Surgery Patients Given an Antibiotic Within an Hour Before  
Surgery to Help Prevent Infection . . . . . 68

Surgery Patients Given the Best Antibiotic to Help Prevent Infection. . . . . 69

Surgery Patients Whose Preventive Antibiotics Were Stopped  
at the Right Time . . . . . 69

All Heart Surgery Patients Whose Blood Sugar (Blood Glucose)  
is Kept Under Good Control in the Days Right After Surgery . . . . . 70

Surgery Patients Needing Hair Removed Before Surgery  
Using a Safer Method . . . . . 70

Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who  
Received a Beta-Blocker During the Perioperative Period. . . . . 71

Table of Results . . . . . 72

Appendix Table. . . . . 224



**Quality of Care for Medical  
Complications and Infections**

**MEDICAL COMPLICATIONS IN THE HOSPITAL  
FOR ADULT PATIENTS**

Certain complications can arise after surgery. These may be life threatening, ultimately resulting in death if not caught in time. These complications include conditions like acute renal failure, which is when the kidneys stop working properly. Other complications might be pneumonia or cardiac arrest. However, there are steps that hospitals can take to limit the number of complications.

The measures in this section show the rates of several complications. Use this information to see how well hospitals are doing to prevent various problems. Those hospitals with a lower rate on the three measures are doing a better job in their quality of care for medical complications.



## Medical Complications: Death Rate From Failure to Identify and Treat a Serious Complication

### What is the measure?

Patients may develop serious health conditions while they are in the hospital after surgery. These conditions can result in permanent disability and even death, if not treated quickly. This patient safety measure shows the rate of deaths from these surgery complications.

### Why is this important?

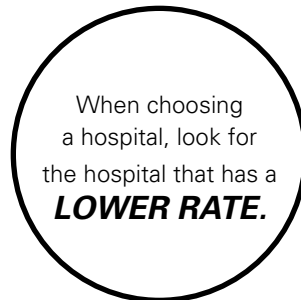
When a patient dies this way, the death is called a failure to rescue. The serious health conditions after surgery included in the failure to rescue measure include:

- Acute renal failure (sudden kidney failure)
- Deep venous thrombosis (blood clot that forms in a vein deep in the body)
- Pneumonia
- Sepsis (blood infection)
- Shock and/or cardiac arrest (severe heart attack)
- Upper gastrointestinal bleeding (in the esophagus, stomach, and first part of the intestine)

In 2003, about 128 patients died for every 1,000 patients at risk of developing these additional health problems in the hospital. Early detection of serious health conditions after surgery and their quick treatment may prevent a patient from dying.

Many hospitals have developed systems to detect patients in crisis and to respond immediately. Nursing staff need to be able to notice problems and accurately understand what they mean and respond with appropriate care.

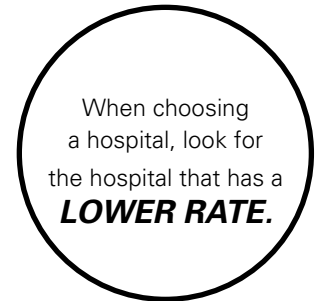
**MEASURE SOURCE: AHRQ Patient Safety Indicator (PSI 4: Death among surgical inpatients with serious treatable complications)**



## Medical Complications: Rate of Patients with Bed Sores

### What is the measure?

A pressure ulcer is a skin wound that forms when patients stay in one position for too long without shifting their weight. This patient safety measure shows the percent of patients that develop pressure ulcers, also known as decubitus ulcers or bed sores, during their stay in the hospital.



### Why is this important?

Constant pressure against the skin reduces the blood supply to that area and that skin dies. People with limited ability to move are at risk of developing bed sores while in the hospital. This often happens if you use a wheelchair or you are unable to get out of bed, even for a short period of time after surgery or an injury. People with thin skin, like skin that has lost muscle and fat under the skin, also can develop pressure ulcers if they repeatedly rub against something, such as a bed sheet, cast, or brace. The most common places for pressure ulcers are over boney areas like the elbow, heels, hips, ankles, shoulders, back, and the back of the head.

Pressure ulcers often cause infections that can lead to longer hospital stays, higher costs, and even death. In the U.S., 7 to 10% of patients will develop a pressure ulcer during their hospital stay. Those most at risk include older people, stroke victims, and people with dementia or head injuries. Seniors are at higher risk as they typically have thin skin. Health conditions that affect blood flow, such as diabetes, and poor diet increase the chance of pressure ulcers.

Care processes in hospitals can help prevent pressure ulcers. These include making sure that patients change position every 2 hours or more. Hospitals also use protection and padding to prevent rubbing against the skin, and maintain hydration, nutrition and hygiene.

**MEASURE SOURCE: AHRQ Patient Safety Indicator (PSI 3: Pressure ulcer)**


# Medical Complications: Rate of Blood Clots in the Lung or Large Vein After an Operation

## What is the measure?

This patient safety measure shows the percent of patients that develop two problems with blood clots after surgery: postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT).

## Why is this important?

Deep vein thrombosis (DVT) is a blood clot that forms in a vein deep in the body. Blood clots occur when blood thickens and clumps together. Most deep vein blood clots occur in the lower leg or thigh. A pulmonary embolism (PE) is a sudden plug in a lung artery, usually due to a blood clot that traveled to the lung from a vein in the leg. PE is a serious condition. It can damage the lungs and other organs in the body and cause death.



When choosing a hospital, look for the hospital that has a **LOWER RATE.**

Both DVT and PE can happen after surgery, especially if patients are unable to leave their beds. People having hip or knee replacement surgeries are at greater risk of having problem blood clots. Remaining still during any type of surgery can lead to clots developing. The longer you are under general anesthesia, the greater your risk of serious clots. An estimated 8.96 out of 1000 patients developed PEs after surgeries in the U.S. in 2000.

Hospitals can help prevent problems with blood clots by providing blood thinning medications to people at risk of clots, by using methods to squeeze the legs to improve blood flow and by having patients move as soon as possible after surgery.

**MEASURE SOURCE: AHRQ Patient Safety Indicator (PSI 12: Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT))**

## INFECTION PREVENTION

Hospitals can improve surgical care and reduce the risk of wound infection after surgery by providing the right medicines at the right time on the day of surgery.

There are also steps that you, as a patient, can take to make sure the surgery is as safe as possible. For example, your doctor or nurse can tell you how to wash with an antibiotic soap the day before surgery. You can also give your doctor or nurse a list of all your medications, including vitamins, herbal medicines, and over-the-counter medications. You should also tell your doctor or nurse about any allergies and bad reactions to anesthesia.

Sometimes patients get an infection after surgery, even if the hospital took steps to prevent it. Here are signs to look out for:

- The surgical wound is red, hot, and swollen.
- You have a fever of over 100 degrees after you go home.
- A smelly or yellow/green fluid is coming out of the wound.
- Your pain is increasing even though you are taking pain medication.

Call your doctor or local hospital immediately if you have any of these signs.

## Infection Prevention: Central Line Infection (CLI) Prevention

### What is the measure?

A Central Line Infection Prevention Bundle is a package of proven interventions that produce dramatic reductions in the incidence of blood-stream infections. These types of infections are common in Intensive Care Units where intravenous catheters are used.

This measure shows the percent of patients who were given all of the following evidence-based interventions:

- Use of hand hygiene by the person performing the procedure.
- Documentation that the person performing the procedure is using precautions, such as wearing a sterile gown and gloves and covering the patient's head and body with a large sterile drape.
- Documentation of the use of an antiseptic wipe(s).
- Documentation from the caregiver about why they chose the site or documentation about the clinical evidence supporting the caregiver's choice of the site.
- Daily assessment is performed regarding the continued necessity of catheter use.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

### Why is this important?

Infections are a common complication of care. They can increase the length and cost of a hospital stay. By following proven strategies for infection prevention, infection rates can be reduced. This would save the patient from this potentially serious complication and the hospital the additional resources associated with that care. In this case, following the Central Line Infection Prevention Bundle would significantly reduce infections in this area.

**Performance on this measure ranged from zero percent to 100 percent.**

**MEASURE SOURCE:** Healthcare-Associated Infection Measure (Central Line Infection (CLI) Prevention Bundle Compliance)


## Infection Prevention: Ventilator Associated Pneumonia (VAP) Prevention

### What is the measure?

A Ventilator Associated Pneumonia Bundle is a package of evidence-based interventions that produce dramatic reductions in the incidence of ventilator-associated pneumonia. These types of infections are common in Intensive Care Units where mechanical ventilators are used.

This measure shows the percent of patients who are given every step in the package of evidence-based interventions. The steps are:

- Documentation that the head of the bed is elevated more than 30 degrees or greater.
- Documentation that appropriate medication is given to prevent ulcers (sores).
- Documentation of the use of appropriate mechanical equipment to prevent ulcers (sores). Documentation of reduced sedation or an assessment of why sedation is not reduced.
- Documentation that there is a daily assessment of whether the patient can be weaned of the need for the ventilator.



When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

### Why is this important?

Infections are a common complication of care. They can increase the length and cost of a hospital stay. By following proven strategies for infection prevention, infection rates can be reduced. This would save the patient from this potentially serious complication and the hospital the additional resources associated with that care. In this case, following the Ventilator Associated Pneumonia Prevention measure would significantly reduce infections in this area.

**Performance on this measure ranged from 79 percent to 100 percent.**

**MEASURE SOURCE: Healthcare-Associated Infection Measure (Ventilator Associated Pneumonia (VAP) Prevention Bundle Compliance)**

## Infection Prevention: Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection


### What is the measure?

This measure shows the percent of surgical patients with prophylactic antibiotics, also known as preventative antibiotics, started within one hour before the surgical incision.

**NOTE:** *Patients who got vancomycin or a fluoroquinolone for prophylactic antibiotics should have the antibiotics initiated within two hours prior to surgical incision. Due to the longer infusion time required for vancomycin or a fluoroquinolone, it is acceptable to start these antibiotics within two hours prior to incision time.*

### Why is this important?

Surgical wound infections can be prevented. Medical research shows that surgery patients who get antibiotics within the hour before their surgery are less likely to get wound infections. Getting an antibiotic earlier, or after surgery begins, is not as effective. Hospital staff should make sure surgery patients get antibiotics at the right time.



When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

**Performance on this measure ranged from 53 percent to 100 percent.**

**MEASURE SOURCE: Hospital Compare Measure (SCIP-Inf-1: Prophylactic antibiotic received within one hour prior to surgical incision)**

## Infection Prevention: Surgery Patients Given the Best Antibiotic to Help Prevent Infection

### What is the measure?

This measure shows the percent of surgical patients who received the best prophylactic antibiotics, also known as preventive antibiotics, consistent with current guidelines for their surgical procedure. These guidelines are specific to each type of surgical procedure.

### Why is this important?

Surgical wound infections can be prevented. Medical research has shown that certain antibiotics work better to prevent wound infections for certain types of surgery. Hospital staff should make sure patients get the antibiotic that works best for their type of surgery.



**Performance on this measure ranged from 91 percent to 100 percent.**

**MEASURE SOURCE: Hospital Compare Measure (SCIP-Inf-2: Prophylactic antibiotic selection for surgical patients)**

## Infection Prevention: Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time

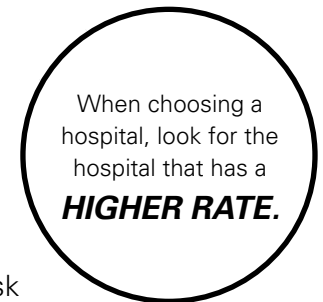
### What is the measure?

This measure shows the percent of surgical patients whose prophylactic antibiotics were discontinued within 24 hours after surgery end time (within 48 hours for coronary artery bypass graft (CABG) or other cardiac surgery).

**NOTE:** *The Society of Thoracic Surgeons (STS) Practice Guideline for Antibiotic Prophylaxis in Cardiac Surgery (2006) indicates that there is no reason to extend antibiotics beyond 48 hours for cardiac surgery and very explicitly states that antibiotics should not be extended beyond 48 hours even with tubes and drains in place for cardiac surgery.*

### Why is this important?

Antibiotics are often given to patients before surgery to prevent infection. Taking these antibiotics for more than 24 hours after routine surgery is usually not necessary. Continuing the medication longer than necessary can increase the risk of side effects such as stomach aches and serious types of diarrhea. Also, when antibiotics are used for too long, patients can develop resistance to them and the antibiotics won't work as well.



**Performance on this measure ranged from 59 percent to 100 percent.**

**MEASURE SOURCE: Hospital Compare Measure (SCIP-Inf-3: Prophylactic antibiotics discontinued within 24 hours after surgery end time)**

## Infection Prevention: All Heart Surgery Patients Whose Blood Sugar (Blood Glucose) is Kept Under Good Control in the Days Right After Surgery

### What is the measure?

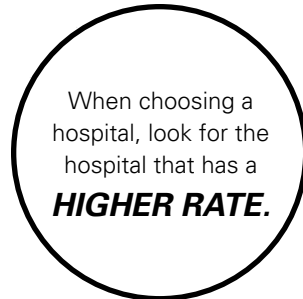
This measure shows the percent of cardiac surgery patients with controlled 6 A.M. blood glucose ( $\leq 200$  mg/dL) on postoperative day one and postoperative day two with Surgery End Date being postoperative day zero.

### Why is this important?

Even if heart surgery patients do not have diabetes, keeping their blood sugar under good control after surgery lowers the risk of infection and other problems. "Under good control" means their blood sugar should be 200 mg/dL or less when checked first thing in the morning.

**Performance on this measure ranged from 50 percent to 97 percent.**

MEASURE SOURCE: Hospital Compare Measure (SCIP-Inf-4: Cardiac surgery patients with controlled 6 a.m. postoperative blood glucose)



## Infection Prevention: Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method

### What is the measure?

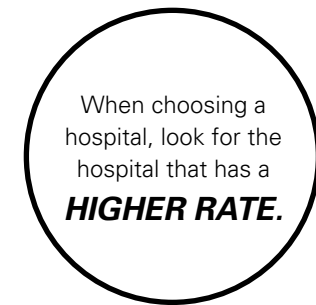
This measure shows the percent of surgery patients with appropriate surgical site hair removal. No hair removal, or hair removal with clippers or hair removal cream is considered appropriate. Shaving is considered inappropriate.

### Why is this important?

Preparing a patient for surgery may include removing body hair from skin in the area where the surgery will be done. Medical research has shown that shaving with a razor can increase the risk of infection. It is safer to use electric clippers or hair removal cream.

**Performance on this measure ranged from 77 percent to 100 percent.**

MEASURE SOURCE: Hospital Compare Measure (SCIP-Inf-6: Surgery patients with appropriate hair removal)



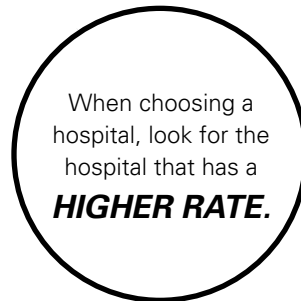
# Infection Prevention: Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period

## What is the measure?

This measure is used to assess the percent of surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period. The perioperative period is defined as 24 hours prior to surgical incision through discharge from the post-anesthesia care/recovery area.

## Why is this important?

It is often standard procedure to stop patients' usual medications for awhile before and after their surgery. But if patients who have been taking beta blockers suddenly stop taking them, they can have heart problems such as a fast heart beat. For these patients, staying on beta blockers before and after surgery makes it less likely that they will have heart problems.



**Performance on this measure ranged from 52 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (SCIP-Card-2: Surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period)

# Quality of Care for Medical Complications and Infections

When choosing a hospital, please check to see if the higher or lower rate is better.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

**When Compared to Expected:** This comparison is based on how the hospital's risk adjusted rate measures up to the expected rate of other similar hospitals around the country, identifying it as performing the **SAME**, **BETTER**, or **WORSE**.

When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

## HOSPITAL NAME

HOSPITAL NAME	Medical Complications						Infection Prevention															
	Deaths From Failure to Identify and Treat a Serious Complication		Patients with Bed Sores		Blood Clots in the Lung or Large Vein After an Operation		Central Line Infection (CLI) Prevention		Ventilator Associated Pneumonia (VAP) Prevention		Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection		Surgery Patients Given the Best Antibiotic to Help Prevent Infection		Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time		All Heart Surgery Patients Whose Blood Sugar is Kept Under Good Control Right After Surgery		Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method		Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period	
	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate																
<b>Overall Minnesota Average</b>							<b>87%</b>	<b>96%</b>	<b>86%</b>	<b>94%</b>	<b>94%</b>	<b>87%</b>	<b>96%</b>	<b>87%</b>								
Albert Lea Medical Center: Mayo Health System	*	*	1%	SAME	0%	BETTER	*	*	98%	100%	98%	*	100%	96%								
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Austin Medical Center: Mayo Health System	*	*	0%	BETTER	1%	SAME	*	*	100%	99%	95%	*	100%	93%								
Avera Marshall Regional Medical Center - Marshall	*	*	1%	SAME	1%	SAME	*	*	88%	96%	93%	*	*	*								
Cannon Falls Medical Center: Mayo Health System	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*								
Chippewa County-Montevideo Hospital	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*								
Fairmont Medical Center: Mayo Health System	*	*	0%	BETTER	1%	SAME	*	*	94%	98%	97%	*	100%	100%								
Fairview Red Wing Hospital	0%	SAME	0%	BETTER	1%	SAME	*	*	99%	100%	95%	*	100%	100%								
Glencoe Regional Health Services	*	*	0%	SAME	0%	SAME	*	*	91%	91%	96%	*	100%	*								
Granite Falls Municipal Hospital and Manor	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*								
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Hutchinson Community Hospital	*	*	0%	BETTER	1%	SAME	*	*	91%	97%	97%	*	100%	97%								

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\* Sufficient data not available

For more detailed information, see appendices starting on page 203.



# Quality of Care for Medical Complications and Infections

When choosing a hospital, please check to see if the higher or lower rate is better.

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HOSPITAL NAME	Medical Complications						Infection Prevention							
	Deaths From Failure to Identify and Treat a Serious Complication		Patients with Bed Sores		Blood Clots in the Lung or Large Vein After an Operation		Central Line Infection (CLII) Prevention	Ventilator Associated Pneumonia (VAP) Prevention	Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection	Surgery Patients Given the Best Antibiotic to Help Prevent Infection	Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time	All Heart Surgery Patients Whose Blood Sugar is Kept Under Good Control Right After Surgery	Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method	Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period
	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate								
<b>Overall Minnesota Average</b>							<b>87%</b>	<b>96%</b>	<b>86%</b>	<b>94%</b>	<b>94%</b>	<b>87%</b>	<b>96%</b>	<b>87%</b>
Immanuel-St Josephs: Mayo Health System - Mankato	6%	SAME	0%	BETTER	1%	BETTER	98%	100%	97%	98%	96%	*	99%	95%
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	1%	SAME	0%	SAME	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	7%	BETTER	0%	BETTER	0%	BETTER	78%	99%	98%	99%	97%	*	99%	93%
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	0%	SAME	0%	SAME	*	*	89%	100%	98%	*	77%	*
New Ulm Medical Center	*	*	0%	BETTER	0%	BETTER	*	*	98%	100%	95%	*	100%	100%
Northfield Hospital	*	*	0%	SAME	0%	SAME	*	*	94%	99%	95%	*	99%	93%
Olmsted Medical Center - Rochester	*	*	0%	SAME	0%	SAME	*	*	92%	99%	97%	*	100%	100%
Ortonville Area Health Services	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*

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# Quality of Care for Medical Complications and Infections

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HOSPITAL NAME	Medical Complications						Infection Prevention															
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	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate																
<b>Overall Minnesota Average</b>							<b>87%</b>	<b>96%</b>	<b>86%</b>	<b>94%</b>	<b>94%</b>	<b>87%</b>	<b>96%</b>	<b>87%</b>								
Owatonna Hospital	*	*	2%	SAME	1%	SAME	*	*	93%	99%	97%	*	100%	97%								
Pipestone County Medical Center: Avera	*	*	1%	SAME	1%	SAME	*	*	92%	100%	97%	*	95%	*								
Redwood Area Hospital - Redwood Falls	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*								
Renville County Hospital And Clinics - Olivia	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*								
Rice County District One Hospital - Faribault	*	*	0%	BETTER	0%	SAME	*	*	90%	98%	91%	*	100%	98%								
Rice Memorial Hospital - Willmar	12%	SAME	0%	BETTER	0%	SAME	0%	88%	84%	98%	95%	*	100%	96%								
River's Edge Hospital & Clinic - St. Peter	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*								
Sanford Canby Medical Center	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*								
Sanford Hospital Luverne	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*								
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Sanford Regional Hospital Worthington	*	*	0%	SAME	0%	SAME	*	*	90%	98%	93%	*	99%	*								
Sanford Tracy Medical Center	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*								
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*								

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# Quality of Care for Medical Complications and Infections

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HOSPITAL NAME	Medical Complications						Infection Prevention							
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	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate	Risk Adjusted Rate	When Compared to Expected Rate								
<b>Overall Minnesota Average</b>							87%	96%	86%	94%	94%	87%	96%	87%
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	4%	SAME	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	0%	SAME	0%	SAME	*	*	92%	100%	88%	*	100%	*
St James Medical Center: Mayo Health System	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	10%	BETTER	0%	BETTER	1%	BETTER	94%	98%	96%	97%	95%	90%	99%	95%
Swift County Benson Hospital	*	*	0%	SAME	0%	SAME	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	3%	SAME	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	0%	SAME	0%	SAME	*	*	88%	96%	88%	*	100%	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	0%	SAME	*	*	*	*	*	*	*	*	*	*
Winona Health Services	*	*	0%	BETTER	1%	SAME	*	88%	98%	98%	93%	*	100%	100%

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For more detailed information, see appendices starting on page 203.

**QUALITY OF CARE FOR OTHER CONDITIONS  
SECTION CONTENTS**

**Quality of Pneumonia Care**

The Best Care for Pneumonia Patients . . . . . 77

Patients Assessed and Given Pneumonia Vaccination . . . . . 77

Blood Test Given to Patient Prior to Receiving Antibiotics. . . . . 78

Patients Given Advice or Counseling About Quitting Smoking  
While in the Hospital . . . . . 78

Patients Given Initial Antibiotic(s) Within Six Hours After Getting  
to the Hospital . . . . . 79

Patients Given the Most Appropriate Initial Antibiotic(s) . . . . . 79

Patients Assessed and Given Influenza Vaccination . . . . . 80

Table of Results . . . . . 84

Appendix Table. . . . . 228

**Quality of Hip Fracture Treatment**

Hip Fracture Surgery: Death Rate for Patients with a Broken Hip. . . . . 81

Table of Results . . . . . 84

Appendix Table. . . . . 232

**Quality of Childbirth**

Rate of Obstetric Tearing – Vaginal Delivery WITH  
Medical Instruments . . . . . 82

Rate of Obstetric Tearing – Vaginal Delivery WITHOUT  
Medical Instruments . . . . . 83

Table of Results . . . . . 84

Appendix Table. . . . . 232



*Quality of Care for Other Conditions*

**PNEUMONIA CARE**

Pneumonia is a serious lung infection that causes difficulty breathing, fever, cough and fatigue. Pneumonia is caused by a viral or bacterial infection that fills your lungs with mucus. This lowers the oxygen level in your blood. Symptoms of pneumonia can include the following:

- Difficulty breathing
- “Wet” cough. Your mucus may look green or bloody.
- Chest pain
- Fever and chills
- Fatigue

These measures show some of the recommended treatments for pneumonia.

## The Best Care for Pneumonia Patients

### What is the measure?

This measure shows the percent of patients receiving ALL of the appropriate care that they should have received based on their clinical condition. For pneumonia patients this includes the remaining measures in this section:

- Patients Assessed and Given Pneumonia Vaccination
- Blood Test Given to Patient Prior to Receiving Antibiotics
- Patients Given Advice or Counseling About Quitting Smoking While in the Hospital
- Patients Given Initial Antibiotic(s) Within Six Hours After Getting to the Hospital
- Patients Given the Most Appropriate Initial Antibiotic(s)
- Patients Assessed and Given Influenza Vaccination

The measure takes patient individuality into consideration, looking at one patient and his/her episode of care at a time, as it relates to pneumonia.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

### Why is this important?

This measure is a composite, or all-or-none, quality of care measure called an appropriate care measure (ACM). These types of measures are patient-focused measures that provide a way of looking at whether a patient received ALL of the "appropriate" or "right care" (recommended treatments) that he or she should have received, based on his or her clinical condition. Each patient is unique and may not be eligible for every type of care for a condition. The measure will take this into consideration.

**Performance on this measure ranged from 33 percent to 100 percent.**

**MEASURE SOURCE:** Pneumonia (PN) Appropriate Care Measure (PN-ACM)

## Pneumonia: Patients Assessed and Given Pneumonia Vaccination

### What is the measure?

This measure shows the percent of pneumonia patients who were assessed and given the pneumonia (also known as pneumococcal) vaccination. This includes patients age 65 and older who were screened and given the pneumococcal vaccination prior to being released from the hospital, if indicated.

When choosing a hospital, look for the hospital that has a **HIGHER RATE.**

### Why is this important?

The pneumococcal vaccine may help you prevent, or lower the risk of complications of pneumonia caused by bacteria. It may also help you prevent future infections. Patients with pneumonia should be asked if they have been vaccinated recently for pneumonia and, if not, should be given the vaccine.

**Performance on this measure ranged from nine percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (PN-2: Pneumococcal vaccination)

## Pneumonia: Blood Test Given to Patient Prior to Receiving Antibiotics

### What is the measure?

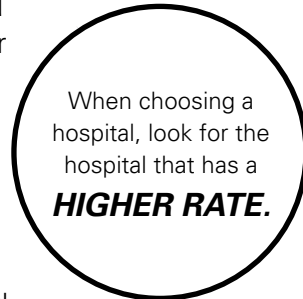
This measure shows the percent of pneumonia patients that had a blood culture or blood test done in the Emergency Department before getting their first dose of hospital antibiotics. This measure focuses on treatment provided to Emergency Department patients prior to being admitted to the hospital.

### Why is this important?

Different types of bacteria can cause pneumonia. A blood culture is a test that can help your health care provider identify which bacteria may have caused your pneumonia, and which antibiotic should be prescribed. A blood culture is not always needed, but for patients who are first seen in the hospital emergency department, it is important for the accuracy of the test that blood culture be conducted before any antibiotics are started. It is also important to start antibiotics as soon as possible.

**Performance on this measure ranged from 73 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (PN-3b: Blood cultures performed in the emergency department prior to initial antibiotic received in hospital)



## Pneumonia: Patients Given Advice or Counseling About Quitting Smoking While in the Hospital

### What is the measure?

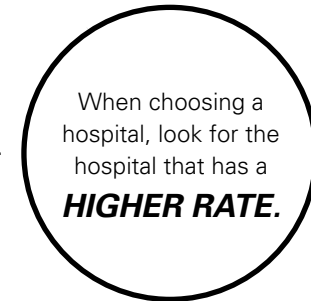
This measure shows the percent of pneumonia patients with a history of smoking cigarettes who were given advice or counseling about stopping smoking while in the hospital. For purposes of this measure, a smoker is someone who has smoked cigarettes anytime during the year before being in the hospital.

### Why is this important?

Smoking damages your lungs and can make it hard to breathe. Smoking increases your chances of getting pneumonia or other chronic lung diseases like emphysema and bronchitis. Smoking is also linked to lung cancer, heart disease, and stroke, and can cause premature death. It is important for you to get information to help you quit smoking before you leave the hospital. Quitting may reduce your chance of getting pneumonia again.

**Performance on this measure ranged from 67 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (PN-4: Adult smoking cessation advice/counseling)



## Pneumonia: Patients Given Initial Antibiotic(s) Within Six Hours After Getting to the Hospital

### What is the measure?

This measure shows the percent of pneumonia patients who received their first dose of antibiotics within six hours of arrival at the hospital. Patients who get pneumonia during their stay at the hospital are not counted in this measure.

### Why is this important?

Antibiotics are used to treat adults with pneumonia caused by bacteria. Early treatment with antibiotics can cure bacterial pneumonia and reduce the possibility of complications.



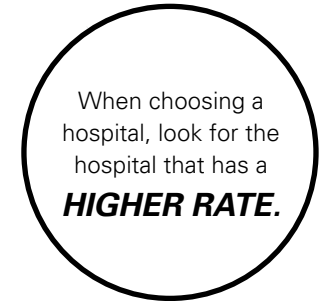
**Performance on this measure ranged from 85 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(PN-5c: Initial antibiotic received within 6 hours of hospital arrival)

## Pneumonia: Patients Given the Most Appropriate Initial Antibiotic(s)

### What is the measure?

This measure shows the percent of immunocompetent patients with Community-Acquired Pneumonia who got an initial antibiotic regimen during the first 24 hours that was consistent with current guidelines.



### Why is this important?

Pneumonia is a lung infection that is usually caused by bacteria or a virus. If pneumonia is caused by bacteria, hospitals will treat the infection with antibiotics. Different bacteria are treated with different antibiotics. To learn about how hospitals use a blood test to choose the most effective treatment for pneumonia patients, refer to the Process of Care measure named 'Blood Test Given to Patient Prior to Receiving Antibiotics'.

**Performance on this measure ranged from 73 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure  
(PN-6: Initial antibiotic selection for community-acquired pneumonia (CAP) in immunocompetent patients)

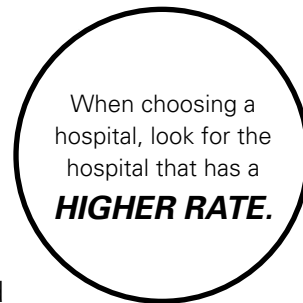
# Pneumonia: Patients Assessed and Given Influenza Vaccination

## What is the measure?

This measure shows the percent of pneumonia patients age 50 years and older, hospitalized during October, November, December, January, February, or March who were screened for influenza vaccine status and were vaccinated prior to being released from the hospital, if this is the right treatment for the patient. The influenza vaccine is commonly known as the flu shot.

## Why is this important?

Influenza vaccinations, or flu shots, reduce the risk of influenza, a serious and sometimes deadly lung infection that can spread quickly in a community or facility. Hospitals should check to make sure that pneumonia patients, particularly those who are age 50 or older, get a flu shot during flu season to protect them from another lung infection and to help prevent the spread of influenza.



Since a flu shot is effective for just one flu season, the period of time used to calculate this rate is the flu season (from approximately November through March).

**Performance on this measure ranged from 12 percent to 100 percent.**

**MEASURE SOURCE:** Hospital Compare Measure (PN-7: Influenza vaccination)



## HIP FRACTURE TREATMENT

A hip fracture, also known as a broken hip, more commonly occurs in older adults. Usually hip fractures are caused by a fall or some type of blow to the side of the hip. Other medical conditions, like osteoporosis, can make bones weaker and more likely to break. In fact, more than 300,000 hip fractures annually are due to osteoporosis.

Treatments for hip fractures, like surgery, have certain risks associated with them. Health problems from hip fracture surgery may include risk for pneumonia or a blood clot in the leg that may travel to a lung and cause damage. If not recognized and effectively treated, these can lead to life-threatening problems. Some surgery complications, including death, can be prevented through better care processes at the hospital.

Use this measure to see how well a hospital is doing at preventing deaths after hip fracture surgery.

## Hip Fracture Surgery: Death Rate for Patients with a Broken Hip

### What is the measure?

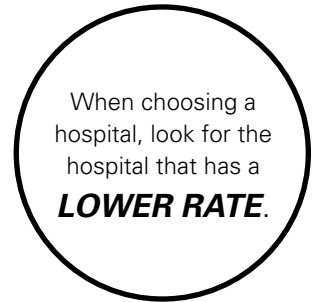
This measure shows the percent of patients who died in the hospital, who came in with a broken hip (hip fracture).

### Why is this important?

Among older people, hip fractures are a common serious injury. If you already have other health problems, you are more likely to have complications after surgery to repair a cracked or broken hip bone. To decrease the risks, surgery may be delayed a couple of days to treat other medical problems, such as heart or lung conditions.

Health problems from hip fracture surgery may include risk for pneumonia or a blood clot in the leg that may travel to a lung and cause damage. If not recognized and effectively treated, these can lead to life-threatening problems. In the U.S., 3.1% of patients having hip fracture surgery will die in the hospital as a result of the surgery. Some surgery complications, including death, can be prevented through better care processes at the hospital.

**MEASURE SOURCE:** AHRQ Quality Indicator (IQI 19: Hip fracture mortality rate)



## CHILDBIRTH

Childbirth can sometimes lead to tears in the perineum. This is the area between a woman's vagina and anus. A more serious tear is referred to as obstetric trauma. However, these tears are often preventable. This is true for births where medical instruments, like forceps, are used. These tears can also occur when no medical instruments are used to deliver the baby. Better quality of care for childbirth is associated with a lower number of obstetric tears.

When planning for the delivery of your baby, discuss this quality measurement data with your doctor to see how to get the best care during the birth of your child. You can use the measures in this section to see how well a hospital is doing with its quality of care during childbirth.


## Childbirth: Rate of Obstetric Tearing – Vaginal Delivery WITH Medical Instruments

### What is the measure?

This measure shows the percent of women who suffer serious vaginal tears while giving birth, when a health care provider was helping to deliver the baby using a forceps or other medical instrument.

### Why is this important?

During vaginal childbirth, women can tear the skin and muscles between the vagina and anus, the “perineum.” Small tears can heal well on their own or may require stitches. Serious tears require surgery to repair and may take several months to heal. These serious tears are referred to as obstetric traumas. At least 4 percent of women who deliver vaginally experience a serious tear in their perineum. Tears are more common in women having their first vaginal birth.



When choosing a hospital, look for the hospital that has a **LOWER RATE.**

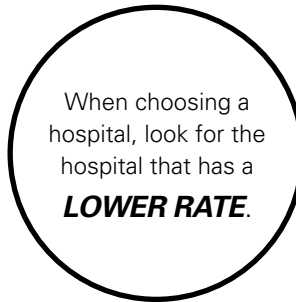
Serious tears can happen even when medical instruments are not used or when an attempted vaginal delivery ends with cesarean-section. However, mothers who have their babies delivered vaginally with the assistance of instruments usually have higher rates of serious tears. These tears are often preventable, and the percentage of deliveries involving serious tears is considered an indicator of quality of care during childbirth.

**MEASURE SOURCE: AHRQ Quality Indicators (PSI 18: Obstetric trauma – vaginal delivery with instrument)**

# Childbirth: Rate of Obstetric Tearing – Vaginal Delivery WITHOUT Medical Instruments

## What is the measure?

This measure shows the percent of women who suffer serious vaginal tears while giving birth where no forceps or other medical instruments were used to assist with delivering a baby.



## Why is this important?

During vaginal childbirth, women can tear the skin and muscles between the vagina and anus, the “perineum.” Small tears can heal well on their own or may require stitches. Serious tears require surgery to repair and may take several months to heal. These serious tears are referred to as obstetric traumas. At least 4 percent of women who deliver vaginally experience a serious tear in their perineum. Tears are more common in women having their first vaginal birth.

Serious tears can happen even when medical instruments are not used or when an attempted vaginal delivery ends with cesarean-section. These tears are often preventable, and the percentage of deliveries involving serious tears is considered an indicator of quality of care during childbirth.

**MEASURE SOURCE: AHRQ Quality Indicators (PSI 19: Obstetric trauma – vaginal delivery without instrument)**

# Quality of Care for Other Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

**When Compared to Expected:** This comparison is based on how the hospital's risk adjusted rate, or observed rate where applicable, measures up to the expected rate of other similar hospitals around the country, identifying it as performing the **SAME**, **BETTER**, or **WORSE**.

When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

HOSPITAL NAME	Pneumonia Care							Hip Fracture		Childbirth			
	The Best Care for Pneumonia Patients	Patients Assessed and Given Pneumonia Vaccination	Blood Test Given to Patient Prior to Receiving Antibiotics	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital	Patients Given the Most Appropriate Initial Antibiotic(s)	Patients Assessed and Given Influenza Vaccination	Death Rate for Patients With a Broken Hip		Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments	Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments		
								Risk Adjusted Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>	<b>85%</b>	<b>83%</b>	<b>91%</b>	<b>84%</b>	<b>93%</b>	<b>87%</b>	<b>83%</b>						
Albert Lea Medical Center: Mayo Health System	91%	98%	100%	*	96%	89%	98%	0%	SAME	*	*	2%	SAME
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	93%	98%	99%	97%	97%	94%	97%	2%	SAME	*	*	1%	BETTER
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	100%	*	*	*	*	24%	SAME	4%	SAME
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	39%	*	*	*	*	*	*	*	*	*	*	2%	SAME
Fairmont Medical Center: Mayo Health System	98%	100%	100%	93%	100%	98%	99%	4%	SAME	*	*	1%	SAME
Fairview Red Wing Hospital	93%	96%	98%	*	97%	98%	92%	0%	BETTER	*	*	2%	SAME
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	5%	SAME
Granite Falls Municipal Hospital and Manor	64%	84%	*	*	91%	*	85%	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	84%	93%	96%	*	100%	88%	100%	6%	SAME	17%	SAME	3%	SAME

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\* Sufficient data not available

For more detailed information, see appendices starting on page 203.

# Quality of Care for Other Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

**When Compared to Expected:** This comparison is based on how the hospital's risk adjusted rate, or observed rate where applicable, measures up to the expected rate of other similar hospitals around the country, identifying it as performing the **SAME**, **BETTER**, or **WORSE**.

When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

HOSPITAL NAME	Pneumonia Care							Hip Fracture		Childbirth			
	The Best Care for Pneumonia Patients	Patients Assessed and Given Pneumonia Vaccination	Blood Test Given to Patient Prior to Receiving Antibiotics	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital	Patients Given the Most Appropriate Initial Antibiotic(s)	Patients Assessed and Given Influenza Vaccination	Death Rate for Patients With a Broken Hip		Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments		Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments	
								Risk Adjusted Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>	<b>85%</b>	<b>83%</b>	<b>91%</b>	<b>84%</b>	<b>93%</b>	<b>87%</b>	<b>83%</b>						
Immanuel-St Josephs: Mayo Health System - Mankato	85%	92%	93%	100%	89%	90%	96%	4%	SAME	8%	SAME	2%	SAME
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	8%	SAME
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	36%	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	1%	SAME
Methodist Hospital: Mayo Clinic - Rochester	92%	93%	*	*	*	*	62%	*	*	18%	SAME	1%	BETTER
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	95%	98%	98%	*	98%	97%	100%	3%	SAME	17%	SAME	4%	SAME
Northfield Hospital	92%	92%	100%	*	98%	100%	93%	0%	SAME	0%	BETTER	3%	SAME
Olmsted Medical Center - Rochester	62%	85%	84%	*	88%	81%	*	*	*	4%	BETTER	2%	SAME
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	0%	BETTER

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For more detailed information, see appendices starting on page 203.

# Quality of Care for Other Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

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When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

HOSPITAL NAME	Pneumonia Care							Hip Fracture		Childbirth			
	The Best Care for Pneumonia Patients	Patients Assessed and Given Pneumonia Vaccination	Blood Test Given to Patient Prior to Receiving Antibiotics	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital	Patients Given the Most Appropriate Initial Antibiotic(s)	Patients Assessed and Given Influenza Vaccination	Death Rate for Patients With a Broken Hip		Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments		Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments	
								Risk Adjusted Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>	85%	83%	91%	84%	93%	87%	83%						
Owatonna Hospital	88%	98%	*	*	93%	93%	98%	0%	SAME	21%	SAME	4%	SAME
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	4%	SAME
Redwood Area Hospital - Redwood Falls	89%	*	*	*	*	*	*	*	*	*	*	0%	BETTER
Renville County Hospital And Clinics - Olivia	56%	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	86%	95%	95%	*	100%	83%	97%	3%	SAME	5%	BETTER	2%	SAME
Rice Memorial Hospital - Willmar	94%	97%	99%	*	99%	95%	96%	9%	WORSE	26%	SAME	2%	SAME
River's Edge Hospital & Clinic - St. Peter	89%	94%	97%	*	100%	96%	88%	*	*	*	*	*	*
Sanford Canby Medical Center	81%	80%	*	*	*	*	*	*	*	*	*	10%	SAME
Sanford Hospital Luverne	86%	94%	*	*	91%	*	97%	*	*	*	*	4%	SAME
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	76%	84%	*	*	96%	*	*	*	*	*	*	2%	SAME
Sanford Tracy Medical Center	88%	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*

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For more detailed information, see appendices starting on page 203.

# Quality of Care for Other Conditions

When choosing a hospital, please check to see if the higher or lower rate is better.

**Risk Adjusted Rate:** This takes the severity of each patient's illness into account.

**When Compared to Expected:** This comparison is based on how the hospital's risk adjusted rate, or observed rate where applicable, measures up to the expected rate of other similar hospitals around the country, identifying it as performing the **SAME**, **BETTER**, or **WORSE**.

When selecting a hospital, look for one with at least a **SAME** rating and ideally a **BETTER** rating.

## HOSPITAL NAME

HOSPITAL NAME	Pneumonia Care							Hip Fracture		Childbirth			
	The Best Care for Pneumonia Patients	Patients Assessed and Given Pneumonia Vaccination	Blood Test Given to Patient Prior to Receiving Antibiotics	Patients Given Advice or Counseling About Quitting Smoking While in the Hospital	Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital	Patients Given the Most Appropriate Initial Antibiotic(s)	Patients Assessed and Given Influenza Vaccination	Death Rate for Patients With a Broken Hip		Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments	Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments		
								Risk Adjusted Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate	Observed Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>	85%	83%	91%	84%	93%	87%	83%						
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	55%	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	79%	81%	*	*	*	*	*	*	*	*	*	0%	BETTER
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	0%	BETTER
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	83%	91%	84%	97%	90%	91%	67%	2%	BETTER	*	*	*	*
Swift County Benson Hospital	47%	61%	*	*	93%	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	93%	95%	96%	*	100%	*	92%	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	4%	SAME
Winona Health Services	92%	100%	97%	100%	99%	86%	100%	*	*	22%	SAME	5%	SAME

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For more detailed information, see appendices starting on page 203.



# Appendix 1: Physician Clinic Measures

## GUIDE TO UNDERSTANDING THE DETAILED MEASURE RESULTS DATA . . . . .89

### QUALITY OF CARE FOR CHRONIC CONDITIONS MEASURE RESULTS DATA

#### THE BEST CARE FOR...

Adults with Diabetes . . . . .	90
Adults with Vascular Disease . . . . .	90
Adults with High Blood Pressure . . . . .	105
Children and Adults with Asthma . . . . .	105

### QUALITY OF CARE FOR ACUTE CONDITIONS MEASURE RESULTS DATA

#### THE BEST CARE FOR...

Children with a Cold (Upper Respiratory Infection) . . . . .	120
Children with a Sore Throat (Pharyngitis) . . . . .	120
Adults with Bronchitis . . . . .	135

### QUALITY OF PREVENTIVE CARE MEASURE RESULTS DATA

#### THE BEST CARE TO...

Help Prevent Breast Cancer . . . . .	150
Help Prevent Cervical Cancer . . . . .	150
Help Prevent Colorectal Cancer . . . . .	165
Help Prevent Cancer . . . . .	165
Detect Chlamydia . . . . .	180
Provide Childhood Immunizations . . . . .	180

## METHODS . . . . .195

The following section provides more information about the measures outlined in this report. Additional data elements are included in the following detailed tables; these elements vary depending on the measure and the data source. The methods section provides more information on the data source and calculation for the various measures.



## GUIDE TO UNDERSTANDING THE DETAILED MEASURE RESULTS DATA

### **Physician Clinic Name:**

Reports the physician clinic name alphabetically under the city in which it is located.

### **Medical Group Name:**

Reports the medical group of which the clinic is a part. A medical group may have one or more clinics.

### **Risk Adjusted Rate:**

Reports the physician clinic rate adjusted to the average state-wide payer mix. The risk adjusted rate accounts for differences in the physician clinic's patient population beyond the provider's control. This adjustment is based on insurance payer type. The three payer categories include Medicare, commercial, and MN health care programs/uninsured.

### **Confidence Interval of Risk Adjusted Rate:**

Reports the margin of error for the risk adjusted rate. Confidence intervals are a range of values which demonstrate the degree of certainty associated with the reported rate. This range takes into account potential variance in the rate if different patients were included in the sample. 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. For the calculation of risk adjusted confidence intervals, a weighted average of the variance for the payer categories was used.\* Large differences between individual physician clinics' rates may be significant and small differences are usually not significant.

**Distribution of Patient Population or Medical Group Distribution of Patient Population:** Medicare/Commercial/MN Health Care Programs and uninsured for Optimal Diabetes and Optimal Vascular Care.

Reports the patient distribution for each physician clinic or medical group between these three insurance categories. These columns show the patient distribution prior to any risk adjustment.

### **Total Population or Sample:**

Reports whether the results are based on the physician clinic or medical group's total population or a sample of the total population for that measure.

### **Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

### **Non-risk Adjusted Rate:**

Reports the value when the numerator is divided by the denominator prior to any risk-adjustment. The denominator is the sum of all the eligible cases submitted. The numerator is the sum of all eligible cases submitted where recommended care was provided or treatment goals were reached.

### **Confidence Interval of Non-risk Adjusted Rate:**

Reports the margin of error for the non-risk adjusted rate. Confidence intervals are a range of values which demonstrate the degree of certainty associated with the estimated rate. This range takes into account potential variance in the rate if different patients were included in the sample. 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. Large differences between individual physician clinics' rates may be significant and small differences are usually not significant.

\* Curtin, LR and RJ Klein. "Direct Standardization (Age-Adjusted Death Rates)." Centers for Disease Control and Prevention and National Center for Health Statistics. Healthy People 2000 Statistical Notes No. 6. 1995.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%			28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%	
ADRIAN																				
Sanford Clinic Adrian	Sanford Clinic	10%	5%-19%	45%	48%	7%	Sample	60	10%	5%-20%	*	*	*	*	*	*	*	*	*	
ALBERT LEA																				
Mayo Health System-Albert Lea Medical Center	Mayo Health System	20%	11%-31%	43%	43%	13%	Sample	60	20%	12%-32%	29%	19%-41%	58%	38%	3%	Sample	60	30%	20%-43%	
APPLETON																				
Appleton Clinic	Appleton Area Health Services	6%	3%-15%	32%	51%	17%	Sample	60	7%	3%-16%	*	*	*	*	*	*	*	*	*	
ARLINGTON																				
Sibley Medical Center	Sibley Medical Center	3%	1%-10%	46%	39%	15%	Sample	60	3%	1%-11%	12%	6%-22%	52%	40%	8%	Sample	60	12%	6%-22%	
AUSTIN																				
Mayo Health System-Austin Medical Center	Mayo Health System	21%	14%-31%	45%	40%	15%	Sample	60	22%	13%-34%	33%	23%-46%	45%	40%	15%	Sample	60	32%	21%-44%	
Smart Clinic	Smart Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
BENSON																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	35%	30%-41%	33%	54%	18%	Total Population	290	35%	30%-41%	42%	32%-52%	43%	41%	16%	Total Population	94	41%	32%-52%	
BLUE EARTH																				
United Hospital District Clinic	United Hospital District Clinic	10%	5%-18%	43%	39%	19%	Sample	80	11%	6%-20%	31%	21%-43%	47%	33%	20%	Total Population	76	32%	22%-43%	

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199).

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		<b>28%</b>	<b>28-29%</b>	<b>29%</b>	<b>55%</b>	<b>16%</b>			<b>28%</b>	<b>28-29%</b>	<b>34%</b>	<b>34-35%</b>	<b>43%</b>	<b>47%</b>	<b>9%</b>			<b>34%</b>	<b>34-35%</b>
BYRON																			
Olmsted Medical Center	Olmsted Medical Center	22%	15%-30%	21%	62%	17%	Total Population	117	22%	16%-31%	19%	9%-35%	27%	63%	10%	Total Population	30	13%	5%-30%
CALEDONIA																			
Mayo Health System-Franciscan Skemp	Mayo Health System	29%	19%-41%	32%	48%	20%	Sample	60	28%	19%-41%	33%	20%-49%	60%	26%	14%	Total Population	35	34%	21%-51%
CANBY																			
Sanford Clinic Canby	Sanford Clinic	14%	7%-25%	47%	42%	12%	Sample	60	13%	7%-24%	17%	7%-34%	60%	33%	7%	Total Population	30	13%	5%-30%
CANNON FALLS																			
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	21%	14%-31%	33%	57%	10%	Sample	60	22%	13%-34%	*	*	*	*	*	*	*	*	*
CHATFIELD																			
Olmsted Medical Center	Olmsted Medical Center	13%	8%-21%	35%	54%	11%	Total Population	101	14%	8%-22%	*	*	*	*	*	*	*	*	*
CLARA CITY																			
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CLARKFIELD																			
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DASSEL																			
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	21%	13%-33%	36%	53%	11%	Total Population	55	22%	13%-34%	*	*	*	*	*	*	*	*	*

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199).

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care									Optimal Vascular Care												
		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%			28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%				
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
<b>DAWSON</b>																							
Dawson Clinic	Dawson Clinic	18%	11%-30%	38%	53%	8%	Sample	60	18%	11%-30%	20%	11%-34%	37%	49%	14%	Total Population	43	19%	10%-33%				
<b>EDEN VALLEY</b>																							
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	3%	2%-9%	50%	44%	6%	Total Population	85	2%	1%-8%	18%	9%-33%	58%	39%	3%	Total Population	33	15%	7%-31%				
<b>EDGERTON</b>																							
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
<b>FAIRFAX</b>																							
Fairfax Medical Clinic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
<b>FAIRMONT</b>																							
Braaten Medical Clinic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Dulcimer Medical Center	Dulcimer Medical Center	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Mayo Health System-Fairmont Medical Center	Mayo Health System	16%	9%-28%	27%	60%	13%	Sample	60	17%	9%-28%	31%	19%-44%	10%	86%	3%	Sample	60	33%	23%-46%				
Smart Clinic	Smart Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
<b>FARIBAULT</b>																							
Allina Medical Clinic	Allina Medical Clinic	37%	34%-40%	31%	56%	13%	Total Population	886	37%	34%-40%	40%	35%-45%	48%	44%	8%	Total Population	340	40%	35%-45%				

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care										Optimal Vascular Care																								
		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate										
				Medicare	Commercial	MN Health Care Programs		Sample Size										Medicare	Commercial	MN Health Care Programs		Sample Size														
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%	34%	34-35%	43%	47%	9%									34%	34-35%										
Mayo Health System-Cannon Valley Clinic	Mayo Health System	41%	29%-53%	41%	46%	14%	Sample	60	42%	30%-54%	38%	27%-51%	48%	38%	13%	Sample	60	37%	26%-49%																	
FULDA																																				
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
GLENCOE																																				
Glencoe Regional Health Services	Glencoe Regional Health Services	11%	8%-16%	37%	53%	11%	Sample	240	11%	8%-16%	18%	12%-26%	48%	46%	7%	Sample	120	18%	12%-26%																	
GRACEVILLE																																				
Graceville Health Center Clinic	Graceville Health Center Clinic	5%	2%-15%	50%	28%	23%	Total Population	40	8%	3%-20%	18%	8%-35%	61%	23%	16%	Total Population	31	10%	3%-25%																	
GRANITE FALLS																																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	38%	33%-44%	38%	48%	14%	Total Population	305	39%	33%-44%	45%	36%-54%	50%	36%	14%	Total Population	111	45%	36%-54%																	
HARMONY																																				
Gundersen Lutheran	Gundersen Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HECTOR																																				
Renville County Hospital and Clinics	Renville County Hospital and Clinics	12%	5%-25%	42%	35%	24%	Total Population	55	11%	5%-22%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HENDRICKS																																				
Hendricks Clinic P.A.	Hendricks Clinic	9%	5%-18%	34%	51%	15%	Sample	74	9%	5%-18%	25%	16%-36%	49%	43%	8%	Sample	65	25%	16%-36%																	

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care									
		Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%			28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%
HOUSTON																			
Gunderson Lutheran	Gundersen Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HUTCHINSON																			
Hutchinson Medical Center	Hutchinson Medical Center	28%	26%-31%	36%	52%	12%	Total Population	1095	29%	26%-32%	37%	32%-42%	52%	44%	4%	Total Population	361	38%	33%-43%
IVANHOE																			
Ivanhoe Clinic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JACKSON																			
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sanford Clinic Jackson	Sanford Clinic	11%	6%-21%	32%	52%	17%	Sample	60	12%	6%-22%	8%	3%-22%	42%	48%	10%	Total Population	31	6%	2%-21%
KASSON																			
Mayo Clinic	Mayo Clinic	23%	15%-33%	42%	55%	3%	Sample	60	25%	16%-37%	39%	28%-50%	47%	53%	0%	Sample	60	40%	29%-53%
LA CRESCENT																			
Mayo Health System - Franciscan Skemp	Mayo Health System	41%	30%-53%	23%	65%	12%	Sample	60	40%	29%-53%	33%	22%-47%	43%	50%	7%	Total Population	46	35%	23%-49%
LAKE BENTON																			
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care												
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%			34%	34-35%	43%	47%	9%			34%	34-35%
LAKE CITY																						
Mayo Health System-Lake City	Mayo Health System	25%	16%-37%	25%	65%	10%	Sample	60	27%	17%-39%	48%	36%-60%	43%	48%	8%	Sample	60	50%	38%-62%			
LAKE CRYSTAL																						
Mankato Clinic	Mankato Clinic	14%	8%-24%	39%	59%	2%	Sample	60	13%	7%-24%	31%	18%-48%	30%	64%	6%	Total Population	33	27%	15%-44%			
LAKEFIELD																						
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Clinic Lakefield	Sanford Clinic	5%	3%-15%	50%	42%	8%	Sample	38	5%	1%-17%	*	*	*	*	*	*	*	*	*	*	*	
LE SUEUR																						
Mayo Health System-Immanuel St. Joseph	Mayo Health System	33%	23%-45%	32%	55%	13%	Sample	60	33%	23%-46%	*	*	*	*	*	*	*	*	*	*	*	
Southern Metro Medical Clinics	Southern Metro Medical Clinics	16%	10%-24%	38%	56%	6%	Total Population	89	16%	10%-25%	*	*	*	*	*	*	*	*	*	*	*	
LEWISTON																						
Winona Health	Winona Health	16%	8%-28%	30%	62%	8%	Total Population	50	16%	8%-29%	*	*	*	*	*	*	*	*	*	*	*	
LITCHFIELD																						
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	57%	52%-62%	34%	46%	20%	Total Population	338	57%	51%-62%	51%	37%-66%	43%	49%	8%	Total Population	37	54%	38%-69%			
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	24%	19%-30%	36%	46%	18%	Total Population	273	25%	20%-30%	24%	16%-34%	45%	44%	12%	Total Population	85	24%	16%-34%			

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care									Optimal Vascular Care																	
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate									
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size										
<b>Overall Minnesota Clinic Average</b>		<b>28%</b>	<b>28-29%</b>	<b>29%</b>	<b>55%</b>	<b>16%</b>				<b>28%</b>	<b>28-29%</b>	<b>34%</b>	<b>34-35%</b>	<b>43%</b>	<b>47%</b>	<b>9%</b>				<b>34%</b>	<b>34-35%</b>							
LONSDALE																												
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	9%	5%-17%	27%	66%	7%	Total Population	69	9%	4%-18%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
LUVERNE																												
Sanford Clinic	Sanford Clinic	12%	6%-22%	47%	43%	10%	Sample	60	12%	6%-22%	15%	8%-25%	52%	37%	12%	Sample	60	15%	8%-26%									
MABEL																												
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MADELIA																												
Mayo Health System-Immanuel St. Joseph	Mayo Health System	31%	21%-43%	37%	57%	7%	Sample	60	32%	21%-44%	37%	23%-54%	34%	56%	9%	Total Population	33	33%	20%-50%									
MADISON																												
Lac Qui Parle Clinic	Lac Qui Parle Clinic	8%	4%-17%	23%	51%	27%	Total Population	71	8%	4%-17%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MANKATO																												
Between the Bridges Health Center		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	26%	16%-38%	17%	48%	35%	Sample	60	30%	20%-43%	31%	21%-43%	40%	44%	16%	Sample	62	31%	21%-43%									
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	25%	21%-33%	0%	100%	0%	Sample	60	23%	14%-35%	35%	30%-42%	0%	100%	0%	Sample	60	37%	26%-49%									
Mankato Clinic- Main Street	Mankato Clinic	16%	11%-22%	44%	46%	9%	Sample	154	17%	12%-24%	30%	24%-36%	44%	50%	6%	Sample	234	30%	24%-36%									
Mankato Clinic- Wickersham Campus	Mankato Clinic	21%	13%-33%	30%	63%	7%	Sample	60	22%	13%-34%	36%	25%-49%	27%	66%	7%	Sample	60	37%	26%-49%									

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care												
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%			34%	34-35%	43%	47%	9%			34%	34-35%
Open Door Health Center	Open Door Health Center	2%	2%-7%	10%	25%	65%	Total Population	79	0%	0%-5%	*	*	*	*	*	*	*	*	*	*	*	*
<b>MAPLETON</b>																						
Mankato Clinic	Mankato Clinic	24%	15%-36%	40%	53%	7%	Sample	60	25%	16%-37%	34%	21%-49%	44%	50%	6%	Total Population	36	33%	20%-50%			
<b>MARSHALL</b>																						
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	31%	22%-41%	35%	49%	17%	Total Population	84	31%	22%-41%	38%	25%-54%	56%	39%	6%	Total Population	36	39%	25%-55%			
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	36%	33%-39%	29%	54%	16%	Total Population	872	36%	33%-39%	45%	38%-52%	40%	49%	11%	Total Population	189	45%	38%-52%			
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>MILAN</b>																						
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>MONTEVIDEO</b>																						
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	14%	8%-24%	18%	65%	18%	Total Population	68	15%	8%-25%	15%	8%-26%	35%	51%	14%	Total Population	65	14%	7%-24%			
<b>MONTGOMERY</b>																						
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	4%	3%-11%	38%	58%	4%	Total Population	74	3%	1%-9%	*	*	*	*	*	*	*	*	*	*	*	
<b>MOUNTAIN LAKE</b>																						
Sanford Clinic	Sanford Clinic	9%	4%-18%	37%	48%	15%	Sample	66	9%	4%-18%	*	*	*	*	*	*	*	*	*	*	*	

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care																											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate																		
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs																					
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%	34%	34-35%	43%	47%	9%				28%	28-29%	34%	34-35%														
NEW LONDON																																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	37%	31%-44%	37%	51%	12%	Total Population	188	38%	31%-45%	27%	19%-37%	59%	35%	6%	Total Population	80	30%	21%-41%																		
NEW PRAGUE																																					
Parkview Medical Clinic	Parkview Medical Clinic	15%	8%-25%	26%	68%	5%	Total Population	73	14%	8%-23%	*	*	*	*	*	*	*	*	*																		
NEW ULM																																					
Allina Health System-New Ulm Medical Center	Allina Health System	30%	27%-33%	40%	48%	12%	Total Population	940	31%	29%-35%	40%	36%-45%	52%	40%	8%	Total Population	414	40%	36%-45%																		
NORTH MANKATO																																					
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	39%	28%-51%	23%	68%	8%	Sample	60	38%	27%-51%	60%	47%-71%	40%	48%	12%	Sample	60	58%	46%-70%																		
Mankato Clinic	Mankato Clinic	32%	22%-45%	28%	65%	7%	Sample	60	33%	23%-46%	42%	31%-54%	52%	45%	3%	Sample	60	43%	32%-56%																		
NORTHFIELD																																					
Allina Medical Clinic	Allina Medical Clinic	40%	37%-43%	31%	58%	11%	Total Population	801	41%	37%-44%	47%	42%-53%	51%	43%	6%	Total Population	330	48%	42%-53%																		
OLIVIA																																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	7%	4%-12%	36%	41%	23%	Total Population	162	7%	4%-12%	*	*	*	*	*	*	*	*	*																		
ORTONVILLE																																					
Northside Medical Clinic	Northside Medical Clinic	10%	5%-17%	44%	41%	15%	Sample	102	10%	5%-17%	25%	17%-34%	52%	42%	7%	Total Population	92	26%	18%-36%																		

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%
OWATONNA																				
Mayo Health System-Owatonna Clinic	Mayo Health System	29%	18%-42%	13%	65%	22%	Sample	60	27%	17%-39%	33%	23%-46%	32%	61%	7%	Sample	60	33%	23%-46%	
PINE ISLAND																				
Olmsted Medical Center	Olmsted Medical Center	21%	14%-30%	25%	69%	5%	Total Population	112	21%	14%-29%	*	*	*	*	*	*	*	*	*	
PIPESTONE																				
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	4%	1%-10%	30%	49%	21%	Sample	80	4%	1%-10%	14%	7%-26%	36%	60%	4%	Total Population	48	13%	6%-25%	
PLAINVIEW																				
Olmsted Medical Center	Olmsted Medical Center	28%	20%-38%	32%	58%	11%	Total Population	85	29%	21%-40%	*	*	*	*	*	*	*	*	*	
PRESTON																				
Olmsted Medical Center	Olmsted Medical Center	20%	14%-28%	35%	55%	11%	Total Population	113	21%	15%-30%	*	*	*	*	*	*	*	*	*	
RED WING																				
Fairview Red Wing Medical Center	Fairview Health Services	28%	25%-31%	34%	59%	7%	Total Population	912	29%	26%-32%	32%	28%-36%	44%	47%	9%	Total Population	478	32%	28%-36%	
REDWOOD FALLS																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	38%	34%-42%	34%	51%	15%	Total Population	506	38%	34%-43%	41%	33%-49%	47%	44%	9%	Total Population	135	41%	34%-50%	
RENVILLE																				
Renville County Hospital and Clinics	Renville County Hospital and Clinics	4%	2%-12%	36%	44%	20%	Total Population	61	5%	2%-13%	*	*	*	*	*	*	*	*	*	

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199).

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care									Optimal Vascular Care																												
		Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate		Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate																	
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size																					
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%	34%	34-35%	43%	47%	9%				34%	34-35%																		
ROCHESTER																																							
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	26%	17%-37%	25%	75%	0%	Sample	60	25%	16%-37%	48%	37%-60%	35%	65%	0%	Sample	60	50%	38%-62%																				
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	22%	14%-33%	40%	55%	5%	Sample	60	23%	14%-35%	34%	24%-46%	43%	55%	2%	Sample	60	35%	24%-48%																				
Mayo Clinic- Mayo Building	Mayo Clinic	20%	12%-31%	22%	77%	2%	Sample	60	18%	11%-30%	44%	32%-56%	53%	43%	3%	Sample	60	45%	33%-58%																				
Mayo Clinic- Northeast	Mayo Clinic	30%	21%-41%	33%	65%	2%	Sample	60	32%	21%-44%	47%	36%-59%	47%	50%	3%	Sample	60	48%	36%-61%																				
Mayo Clinic- Northwest	Mayo Clinic	28%	19%-39%	25%	73%	2%	Sample	60	27%	17%-39%	34%	23%-47%	40%	58%	2%	Total Population	50	34%	22%-48%																				
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	28%	21%-37%	25%	62%	14%	Total Population	117	28%	21%-37%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	19%	17%-21%	28%	53%	18%	Total Population	1319	19%	17%-21%	29%	24%-35%	40%	53%	7%	Total Population	281	29%	24%-35%																				
Rochester Family Medicine Clinic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
RUSHFORD																																							
Winona Health	Winona Health	15%	8%-26%	32%	53%	15%	Sample	60	15%	8%-26%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
SLAYTON																																							
Murray County Clinic	Murray County Clinic	17%	10%-27%	51%	37%	12%	Total Population	76	17%	10%-27%	28%	16%-45%	65%	35%	0%	Total Population	31	29%	16%-47%																				
SLEEPY EYE																																							
Sleepy Eye Medical Center	Sleepy Eye Medical Center	1%	0%-7%	34%	48%	18%	Sample	80	1%	0%-7%	13%	7%-23%	46%	45%	9%	Total Population	56	13%	6%-24%																				

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care																					
		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate								
				Medicare	Commercial	MN Health Care Programs																									
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%			28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%												
SPICER																															
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	9%	2%-24%	32%	39%	29%	Total Population	31	6%	2%-21%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
SPRING GROVE																															
Gundersen Lutheran	Gundersen Clinic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPRING VALLEY																															
Olmsted Medical Center	Olmsted Medical Center	8%	4%-14%	36%	44%	20%	Total Population	133	8%	4%-13%	26%	18%-38%	47%	40%	13%	Total Population	55	27%	17%-40%												
SPRINGFIELD																															
Mayo Health System-Immanuel St. Joseph	Mayo Health System	34%	24%-47%	40%	52%	8%	Sample	60	35%	24%-48%	38%	28%-50%	62%	38%	0%	Sample	60	40%	29%-53%												
ST. CHARLES																															
Olmsted Medical Center	Olmsted Medical Center	26%	17%-37%	25%	59%	15%	Total Population	70	26%	17%-37%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
ST. JAMES																															
Mayo Health System-Immanuel St. Joseph	Mayo Health System	25%	15%-37%	38%	42%	20%	Sample	60	25%	16%-37%	34%	20%-52%	50%	38%	13%	Total Population	32	34%	20%-52%												
Moulton & Parsons MDs		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ST. PETER																															
Mayo Health System-Immanuel St. Joseph	Mayo Health System	36%	25%-49%	30%	52%	18%	Sample	60	37%	26%-49%	38%	26%-50%	40%	47%	12%	Sample	60	38%	27%-51%												
Mankato Clinic- Daniel's Health Center	Mankato Clinic	20%	13%-31%	18%	70%	12%	Sample	60	23%	14%-35%	40%	26%-55%	30%	65%	5%	Total Population	40	40%	26%-55%												

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care									Optimal Vascular Care											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%	34%	34-35%	43%	47%	9%					34%	34-35%
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
STEWARTVILLE																						
Olmsted Medical Center	Olmsted Medical Center	8%	4%-15%	35%	51%	14%	Total Population	94	7%	4%-15%	28%	16%-45%	37%	60%	3%	Total Population	30	30%	17%-48%			
TRACY																						
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	14%	8%-25%	38%	45%	17%	Sample	60	15%	8%-26%	21%	13%-33%	52%	36%	12%	Sample	66	20%	12%-31%			
TYLER																						
Tyler Medical Clinic	Avera Health/Avera Tri-State	8%	4%-17%	35%	55%	11%	Sample	66	8%	3%-17%	17%	10%-30%	48%	48%	4%	Total Population	48	17%	9%-30%			
WABASHA																						
Mayo Health System-Wabasha Clinic	Mayo Health System	30%	19%-42%	48%	41%	11%	Sample	60	32%	21%-44%	37%	27%-49%	47%	53%	0%	Sample	60	38%	27%-51%			
WANAMINGO																						
Olmsted Medical Center	Olmsted Medical Center	14%	8%-28%	44%	53%	3%	Total Population	34	15%	6%-30%	*	*	*	*	*	*	*	*	*	*	*	
WASECA																						
Mayo Health System-Immanuel St. Joseph	Mayo Health System	21%	13%-32%	22%	67%	12%	Sample	60	22%	13%-34%	46%	34%-58%	48%	43%	8%	Sample	60	47%	35%-59%			
WATKINS																						
Paynesville Watkins Medical Clinic	Paynesville Area Health System	4%	1%-13%	39%	37%	22%	Total Population	55	4%	1%-12%	*	*	*	*	*	*	*	*	*	*	*	

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# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care												
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%				28%	28-29%			34%	34-35%	43%	47%	9%			34%	34-35%
WESTBROOK																						
Sanford Clinic Westbrook	Sanford Clinic	14%	7%-24%	52%	44%	5%	Sample	66	14%	7%-24%	11%	5%-24%	64%	31%	5%	Total Population	39	10%	4%-24%			
WILLMAR																						
Affiliated Community Medical Centers	Affiliated Community Medical Centers	34%	32%-37%	34%	47%	19%	Total Population	1547	34%	32%-37%	44%	39%-50%	46%	45%	8%	Total Population	343	45%	39%-50%			
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	33%	29%-38%	41%	41%	18%	Total Population	526	34%	30%-38%	33%	26%-40%	65%	30%	5%	Total Population	167	37%	30%-45%			
WINDOM																						
Avera- United Medical Clinic	Avera Health/Avera Tri-State	6%	3%-14%	32%	57%	11%	Sample	79	6%	3%-14%	*	*	*	*	*	*	*	*	*	*	*	*
Hartberg Medical Clinic	Hartberg Medical Clinic	15%	8%-25%	38%	52%	10%	Sample	61	15%	8%-26%	21%	12%-37%	56%	41%	3%	Total Population	32	22%	11%-39%			
Sanford Clinic Windom	Sanford Clinic	9%	5%-18%	39%	52%	9%	Sample	67	9%	4%-18%	*	*	*	*	*	*	*	*	*	*	*	*
Windom Family Medical Center		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
WINONA																						
Family Medicine of Winona	Family Medicine of Winona	24%	15%-36%	37%	47%	17%	Sample	60	23%	14%-35%	24%	14%-39%	51%	31%	17%	Total Population	36	28%	16%-44%			
Winona Health- Winona Health Clinics	Winona Health	21%	14%-29%	33%	50%	17%	Sample	120	21%	15%-29%	39%	31%-48%	53%	38%	9%	Sample	119	39%	30%-48%			
WINSTED																						
Ridgeview Winsted Clinic	Ridgeview Clinics	4%	2%-11%	39%	39%	23%	Total Population	60	5%	2%-14%	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199).

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Optimal Diabetes Care								Optimal Vascular Care										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		28%	28-29%	29%	55%	16%			28%	28-29%	34%	34-35%	43%	47%	9%			34%	34-35%	
<b>WORTHINGTON</b>																				
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	9%	5%-17%	30%	60%	10%	Sample	80	9%	4%-17%	22%	15%-33%	56%	36%	8%	Sample	77	23%	15%-34%	
Sanford Clinic	Sanford Clinic	5%	2%-14%	27%	48%	24%	Sample	61	5%	2%-13%	13%	7%-24%	47%	44%	10%	Sample	62	13%	7%-23%	
<b>ZUMBROTA</b>																				
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	22%	16%-30%	29%	65%	7%	Total Population	153	22%	16%-29%	32%	23%-44%	43%	49%	8%	Total Population	66	33%	23%-45%	

\* Sufficient data not available. + Data not reported (for information on Physician Clinic Inclusion see page 199).



# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure										Use of Appropriate Medications for People with Asthma																	
		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Sample Size		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Sample Size		Non-Risk Adjusted Rate	
		Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate												
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%			70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%										
<b>ADRIAN</b>																													
Sanford Clinic Adrian	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234		87%	82%-91%										
<b>ALBERT LEA</b>																													
Mayo Health System- Albert Lea Medical Center	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%										
<b>APPLETON</b>																													
Appleton Clinic	Appleton Area Health Services	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229		92%	87%-95%										
<b>ARLINGTON</b>																													
Sibley Medical Center	Sibley Medical Center	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*										
<b>AUSTIN</b>																													
Mayo Health System- Austin Medical Center	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%										
Smart Clinic	Smart Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*										
<b>BENSON</b>																													
Affiliated Community Medical Centers	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population 228		95%	92%-97%										
<b>BLUE EARTH</b>																													
United Hospital District Clinic	United Hospital District Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*										

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure										Use of Appropriate Medications for People with Asthma																							
		Risk Adjusted Rate			Confidence Interval of Risk Adjusted Rate			Medical Group Distribution of Patient Population			Total Population or Sample		Sample Size		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate			Risk Adjusted Rate			Confidence Interval of Risk Adjusted Rate			Medical Group Distribution of Patient Population			Total Population or Sample		Sample Size		Non-Risk Adjusted Rate		Confidence Interval of Non-Risk Adjusted Rate
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate																
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%			70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%																
BYRON																																			
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117		91%	85%-95%																
CALEDONIA																																			
Mayo Health System-Franciscan Skemp	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%																
CANBY																																			
Sanford Clinic Canby	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234		87%	82%-91%																
CANNON FALLS																																			
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%																
CHATFIELD																																			
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117		91%	85%-95%																
CLARA CITY																																			
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229		92%	87%-95%																
CLARKFIELD																																			
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229		92%	87%-95%																
DASSEL																																			
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*																

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>DAWSON</b>																					
Dawson Clinic	Dawson Clinic	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229				92%	87%-95%
<b>EDEN VALLEY</b>																					
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	69%	58%-80%	23%	67%	10%	Sample	65	71%	51%-86%	*	*	N/A	*	*	*	*	*	*	*	*
<b>EDGERTON</b>																					
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110				92%	85%-96%
<b>FAIRFAX</b>																					
Fairfax Medical Clinic		*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
<b>FAIRMONT</b>																					
Braaten Medical Clinic		*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419				91%	88%-94%
Smart Clinic	Smart Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
<b>FARIBAULT</b>																					
Allina Medical Clinic	Allina Medical Clinic	76%	71%-81%	28%	65%	8%	Sample	650	76%	71%-81%	91%	90%-93%	N/A	82%	18%	Total Population 1562				92%	90%-93%

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
Mayo Health System-Cannon Valley Clinic	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419			91%	88%-94%
FULDA																					
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121		25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110			92%	85%-96%
GLENCOE																					
Glencoe Regional Health Services	Glencoe Regional Health Services	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229			92%	87%-95%
GRACEVILLE																					
Graceville Health Center Clinic	Graceville Health Center Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
GRANITE FALLS																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111		57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population 228			95%	92%-97%
HARMONY																					
Gundersen Lutheran	Gundersen Clinic	72%	63%-79%	0%	82%	18%	Sample	72		71%	59%-80%	94%	85%-97%	N/A	75%	25%	Total Population 59			93%	84%-97%
HECTOR																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229			92%	87%-95%
HENDRICKS																					
Hendricks Clinic P.A.	Hendricks Clinic	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229			92%	87%-95%

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
HOUSTON																					
Gunderson Lutheran	Gundersen Clinic	72%	63%-79%	0%	82%	18%	Sample	72	71%	59%-80%	94%	85%-97%	N/A	75%	25%	Total Population	59	93%	84%-97%		
HUTCHINSON																					
Hutchinson Medical Center	Hutchinson Medical Center	48%	40%-57%	16%	77%	7%	Sample	68	41%	21%-64%	93%	83%-98%	N/A	76%	24%	Total Population	46	93%	82%-98%		
IVANHOE																					
Ivanhoe Clinic		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
JACKSON																					
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Sanford Clinic Jackson	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population	234	87%	82%-91%		
KASSON																					
Mayo Clinic	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
LA CRESCENT																					
Mayo Health System - Franciscan Skemp	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population	419	91%	88%-94%		
LAKE BENTON																					
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population	110	92%	85%-96%		

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure								Use of Appropriate Medications for People with Asthma																				
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate											
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size													
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%									92%	92-92%	NA	77%	23%				92%	92-92%	
LAKE CITY																														
Mayo Health System-Lake City	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population	419	91%	88%-94%											
LAKE CRYSTAL																														
Mankato Clinic	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81	72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population	127	94%	89%-97%											
LAKEFIELD																														
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population	110	92%	85%-96%											
Sanford Clinic Lakefield	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population	234	87%	82%-91%											
LE SUEUR																														
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population	419	91%	88%-94%											
Southern Metro Medical Clinics	Southern Metro Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*											
LEWISTON																														
Winona Health	Winona Health	56%	37%-74%	0%	63%	37%	Sample	80	54%	36%-72%	87%	77%-93%	N/A	70%	30%	Total Population	66	86%	76%-93%											
LITCHFIELD																														
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population	228	95%	92%-97%											
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population	228	95%	92%-97%											

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
LONSDALE																					
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
LUVERNE																					
Sanford Clinic	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265		52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234			87%	82%-91%
MABEL																					
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
MADIELIA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419			91%	88%-94%
MADISON																					
Lac Qui Parle Clinic	Lac Qui Parle Clinic	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229			92%	87%-95%
MANKATO																					
Between the Bridges Health Center		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419			91%	88%-94%
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419			91%	88%-94%
Mankato Clinic- Main Street	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81		72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population 127			94%	89%-97%
Mankato Clinic- Wickersham Campus	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81		72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population 127			94%	89%-97%

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
Open Door Health Center	Open Door Health Center	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>MAPLETON</b>																					
Mankato Clinic	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81		72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population	127		94%	89%-97%
<b>MARSHALL</b>																					
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111		57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population	228		95%	92%-97%
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111		57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population	228		95%	92%-97%
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
<b>MILAN</b>																					
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population	229		92%	87%-95%
<b>MONTEVIDEO</b>																					
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	51%	32%-71%	13%	69%	18%	Sample	153		46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population	229		92%	87%-95%
<b>MONTGOMERY</b>																					
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>MOUNTAIN LAKE</b>																					
Sanford Clinic	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265		52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population	234		87%	82%-91%

\* Sufficient data not available.



# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
<b>NEW LONDON</b>																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	61%	36-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population 228	95%	92%-97%			
<b>NEW PRAGUE</b>																					
Parkview Medical Clinic	Parkview Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>NEW ULM</b>																					
Allina Health System-New Ulm Medical Center	Allina Health System	75%	66%-84%	32%	58%	10%	Sample	139	75%	64%-84%	91%	86%-94%	N/A	75%	25%	Total Population 202	91%	86%-94%			
<b>NORTH MANKATO</b>																					
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419	91%	88%-94%			
Mankato Clinic	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81	72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population 127	94%	89%-97%			
<b>NORTHFIELD</b>																					
Allina Medical Clinic	Allina Medical Clinic	76%	71%-81%	28%	65%	8%	Sample	650	76%	71%-81%	91%	90%-93%	N/A	82%	18%	Total Population 1562	92%	90%-93%			
<b>OLIVIA</b>																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229	92%	87%-95%			
<b>ORTONVILLE</b>																					
Northside Medical Clinic	Northside Medical Clinic	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229	92%	87%-95%			

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure								Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%
OWATONNA																				
Mayo Health System-Owatonna Clinic	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419	91%	88%-94%		
PINE ISLAND																				
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117	91%	85%-95%		
PIPESTONE																				
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110	92%	85%-96%		
PLAINVIEW																				
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117	91%	85%-95%		
PRESTON																				
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117	91%	85%-95%		
RED WING																				
Fairview Red Wing Medical Center	Fairview Health Services	74%	68%-79%	36%	55%	9%	Sample	616	74%	68%-78%	93%	91%-94%	N/A	77%	23%	Total Population 1237	93%	91%-94%		
REDWOOD FALLS																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population 228	95%	92%-97%		
RENVILLE																				
Renville County Hospital and Clinics	Renville County Hospital and Clinics	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population 229	92%	87%-95%		

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
ROCHESTER																					
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
Mayo Clinic- Mayo Building	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
Mayo Clinic- Northeast	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
Mayo Clinic- Northwest	Mayo Clinic	62%	40%-83%	10%	61%	29%	Sample	93	52%	27%-77%	96%	90%-98%	N/A	57%	43%	Total Population	98	94%	87%-97%		
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population	117	91%	85%-95%		
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population	117	91%	85%-95%		
Rochester Family Medicine Clinic		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	
RUSHFORD																					
Winona Health	Winona Health	56%	37%-74%	0%	63%	37%	Sample	80	54%	36%-72%	87%	77%-93%	N/A	70%	30%	Total Population	66	86%	76%-93%		
SLAYTON																					
Murray County Clinic	Murray County Clinic	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population	229	92%	87%-95%		
SLEEPY EYE																					
Sleepy Eye Medical Center	Sleepy Eye Medical Center	51%	32%-71%	13%	69%	18%	Sample	153	46%	28%-66%	91%	87%-94%	N/A	63%	37%	Total Population	229	92%	87%-95%		

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure								Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%
SPICER																				
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	69%	58%-80%	23%	67%	10%	Sample	65		71%	51%-86%	*	*	N/A	*	*	*	*	*	*
SPRING GROVE																				
Gundersen Lutheran	Gundersen Clinic	72%	63%-79%	0%	82%	18%	Sample	72		71%	59%-80%	94%	85%-97%	N/A	75%	25%	Total Population 59		93%	84%-97%
SPRING VALLEY																				
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89		53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117		91%	85%-95%
SPRINGFIELD																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%
ST. CHARLES																				
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89		53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117		91%	85%-95%
ST. JAMES																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%
Moulton & Parsons MDs		*	*	*	*	*	*	*		*	*	*	*	N/A	*	*	*	*	*	*
ST. PETER																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386		72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419		91%	88%-94%
Mankato Clinic- Daniel's Health Center	Mankato Clinic	73%	54%-91%	3%	83%	14%	Sample	81		72%	46%-89%	95%	89%-97%	N/A	72%	28%	Total Population 127		94%	89%-97%

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure									Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size						Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%				92%	92-92%
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	*	*	*		*	*	*	*	*	*	N/A	*	*		*	*	*	*
STEWARTVILLE																					
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117	91%	85%-95%			
TRACY																					
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234	87%	82%-91%			
TYLER																					
Tyler Medical Clinic	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110	92%	85%-96%			
WABASHA																					
Mayo Health System-Wabasha Clinic	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419	91%	88%-94%			
WANAMINGO																					
Olmsted Medical Center	Olmsted Medical Center	57%	24%-91%	12%	64%	24%	Sample	89	53%	27%-77%	93%	86%-96%	N/A	53%	47%	Total Population 117	91%	85%-95%			
WASECA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	74%	64%-84%	7%	74%	19%	Sample	386	72%	61%-81%	91%	88%-94%	N/A	63%	37%	Total Population 419	91%	88%-94%			
WATKINS																					
Paynesville Watkins Medical Clinic	Paynesville Area Health System	69%	58%-80%	23%	67%	10%	Sample	65	71%	51%-86%	*	*	N/A	*	*		*	*	*	*	

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure								Use of Appropriate Medications for People with Asthma										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%				70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%
<b>WESTBROOK</b>																				
Sanford Clinic Westbrook	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234	87%	82%-91%		
<b>WILLMAR</b>																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	61%	36%-87%	12%	71%	18%	Sample	111	57%	30%-80%	95%	92%-97%	N/A	70%	30%	Total Population 228	95%	92%-97%		
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	74%	36%-100%	11%	72%	17%	Sample	69	71%	37%-91%	89%	77%-95%	N/A	51%	49%	Total Population 49	86%	73%-93%		
<b>WINDOM</b>																				
Avera- United Medical Clinic	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110	92%	85%-96%		
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Sanford Clinic Windom	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234	87%	82%-91%		
Windom Family Medical Center		*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>WINONA</b>																				
Family Medicine of Winona	Family Medicine of Winona	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Winona Health- Winona Health Clinics	Winona Health	56%	37%-74%	0%	63%	37%	Sample	80	54%	36%-72%	87%	77%-93%	N/A	70%	30%	Total Population 66	86%	76%-93%		
<b>WINSTED</b>																				
Ridgeview Winsted Clinic	Ridgeview Clinics	81%	69%-92%	31%	62%	8%	Sample	65	82%	64%-92%	90%	81%-95%	N/A	90%	10%	Total Population 81	90%	82%-95%		

\* Sufficient data not available.

# Quality of Care for Chronic Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Controlling High Blood Pressure										Use of Appropriate Medications for People with Asthma							
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		70%	68-72%	28%	60%	12%			70%	68-72%	92%	92-92%	NA	77%	23%			92%	92-92%
<b>WORTHINGTON</b>																			
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	38%	28%-47%	2%	79%	19%	Sample	121	25%	15%-39%	92%	85%-95%	N/A	75%	25%	Total Population 110		92%	85%-96%
Sanford Clinic	Sanford Clinic	58%	37%-79%	0%	86%	14%	Sample	265	52%	27%-76%	87%	82%-92%	N/A	93%	7%	Total Population 234		87%	82%-91%
<b>ZUMBROTA</b>																			
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	74%	68%-79%	36%	55%	9%	Sample	616	74%	68%-78%	93%	91%-94%	N/A	77%	23%	Total Population 1237		93%	91%-94%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%
ADRIAN																					
Sanford Clinic Adrian	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%		
ALBERT LEA																					
Mayo Health System-Albert Lea Medical Center	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%		
APPLETON																					
Appleton Clinic	Appleton Area Health Services	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%		
ARLINGTON																					
Sibley Medical Center	Sibley Medical Center	*	*	N/A	*	*	*	*	*	*	95%	82%-98%	N/A	67%	33%	Total Population	36	94%	82%-98%		
AUSTIN																					
Mayo Health System-Austin Medical Center	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%		
Smart Clinic	Smart Clinic	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
BENSON																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%		
BLUE EARTH																					
United Hospital District Clinic	United Hospital District Clinic	82%	65%-93%	N/A	31%	69%	Total Population	35	83%	67%-92%	*	*	N/A	*	*	*	*	*	*		

\* Sufficient data not available.



# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis								
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size		
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%			87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
BYRON																			
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%
CALEDONIA																			
Mayo Health System-Franciscan Skemp	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
CANBY																			
Sanford Clinic Canby	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%
CANNON FALLS																			
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
CHATFIELD																			
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%
CLARA CITY																			
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
CLARKFIELD																			
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
DASSEL																			
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
DAWSON																					
Dawson Clinic	Dawson Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%		
EDEN VALLEY																					
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	62%	52%-71%	N/A	53%	47%	Total Population	90	62%	52%-72%	86%	78%-91%	N/A	62%	38%	Total Population	103	85%	77%-91%		
EDGERTON																					
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%		
FAIRFAX																					
Fairfax Medical Clinic		*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
FAIRMONT																					
Braaten Medical Clinic		*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%		
Smart Clinic	Smart Clinic	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
FARIBAULT																					
Allina Medical Clinic	Allina Medical Clinic	92%	91%-93%	N/A	61%	39%	Total Population	2641	92%	91%-93%	88%	86%-89%	N/A	72%	28%	Total Population	1439	88%	86%-89%		

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis												
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size					
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%	
Mayo Health System-Cannon Valley Clinic	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%		75%	73%-78%	N/A	53%	47%	Total Population	1341		74%	71%-76%
FULDA																						
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676		48%	44%-52%		56%	51%-61%	N/A	65%	35%	Total Population	325		55%	50%-60%
GLENCOE																						
Glencoe Regional Health Services	Glencoe Regional Health Services	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618		71%	68%-75%
GRACEVILLE																						
Graceville Health Center Clinic	Graceville Health Center Clinic	*	*	NA	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
GRANITE FALLS																						
Affiliated Community Medical Centers	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630		89%	86%-91%		74%	69%-78%	N/A	54%	46%	Total Population	407		73%	68%-77%
HARMONY																						
Gundersen Lutheran	Gundersen Clinic	93%	87%-97%	N/A	62%	38%	Total Population	105		93%	87%-97%		84%	73%-90%	N/A	68%	32%	Total Population	73		84%	73%-90%
HECTOR																						
Renville County Hospital and Clinics	Renville County Hospital and Clinics	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618		71%	68%-75%
HENDRICKS																						
Hendricks Clinic P.A.	Hendricks Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618		71%	68%-75%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis																			
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate											
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size													
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%	NA	71%	29%			86%	86-86%		
HOUSTON																														
Gunderson Lutheran	Gundersen Clinic	93%	87%-97%	N/A	62%	38%	Total Population	105		93%	87%-97%									84%	73%-90%	N/A	68%	32%	Total Population	73		84%	73%-90%	
HUTCHINSON																														
Hutchinson Medical Center	Hutchinson Medical Center	90%	84%-94%	N/A	54%	46%	Total Population	152		90%	84%-94%									89%	81%-94%	N/A	68%	32%	Total Population	100		89%	81%-94%	
IVANHOE																														
Ivanhoe Clinic		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
JACKSON																														
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Sanford Clinic Jackson	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628		87%	84%-89%									74%	68%-79%	N/A	82%	18%	Total Population	253		74%	69%-79%	
KASSON																														
Mayo Clinic	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435		92%	89%-94%									76%	68%-84%	N/A	32%	68%	Total Population	165		76%	69%-82%	
LA CRESCENT																														
Mayo Health System - Franciscan Skemp	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%									75%	73%-78%	N/A	53%	47%	Total Population	1341		74%	71%-76%	
LAKE BENTON																														
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676		48%	44%-52%									56%	51%-61%	N/A	65%	35%	Total Population	325		55%	50%-60%	

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis																			
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate										
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%	NA	71%	29%			86%	86-86%	
LAKE CITY																													
Mayo Health System-Lake City	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%										
LAKE CRYSTAL																													
Mankato Clinic	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600	83%	79%-85%	81%	76%-84%	N/A	75%	25%	Total Population	379	81%	76%-84%										
LAKEFIELD																													
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%										
Sanford Clinic Lakefield	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%										
LE SUEUR																													
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%										
Southern Metro Medical Clinics	Southern Metro Medical Clinics	64%	51%-76%	N/A	87%	13%	Total Population	91	63%	52%-72%	83%	73%-91%	N/A	95%	5%	Total Population	95	84%	76%-90%										
LEWISTON																													
Winona Health	Winona Health	93%	89%-95%	N/A	50%	50%	Total Population	352	93%	89%-95%	94%	89%-96%	N/A	63%	37%	Total Population	169	93%	89%-96%										
LITCHFIELD																													
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%										
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%										

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%		86%	86-86%	NA	71%	29%			86%	86-86%
LONSDALE																					
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	90%	83%-95%	N/A	76%	24%	Total Population	127		91%	85%-95%		89%	79%-95%	N/A	88%	12%	Total Population	68	90%	80%-95%
LUVERNE																					
Sanford Clinic	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628		87%	84%-89%		74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%
MABEL																					
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	NA	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
MADIELIA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%		75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
MADISON																					
Lac Qui Parle Clinic	Lac Qui Parle Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
MANKATO																					
Between the Bridges Health Center		*	*	NA	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%		75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%		75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
Mankato Clinic- Main Street	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600		83%	79%-85%		81%	76%-84%	N/A	75%	25%	Total Population	379	81%	76%-84%
Mankato Clinic- Wickersham Campus	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600		83%	79%-85%		81%	76%-84%	N/A	75%	25%	Total Population	379	81%	76%-84%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis								
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size		
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%			87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
Open Door Health Center	Open Door Health Center	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
<b>MAPLETON</b>																			
Mankato Clinic	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600	83%	79%-85%	81%	76%-84%	N/A	75%	25%	Total Population	379	81%	76%-84%
<b>MARSHALL</b>																			
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>MILAN</b>																			
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
<b>MONTEVIDEO</b>																			
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
<b>MONTGOMERY</b>																			
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	64%	51%-76%	N/A	87%	13%	Total Population	91	63%	52%-72%	83%	73%-91%	N/A	95%	5%	Total Population	95	84%	76%-90%
<b>MOUNTAIN LAKE</b>																			
Sanford Clinic	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%
<b>NEW LONDON</b>																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630		89%	86%-91%		74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%
<b>NEW PRAGUE</b>																					
Parkview Medical Clinic	Parkview Medical Clinic	40%	25%-57%	N/A	79%	21%	Total Population	33		36%	22%-53%		94%	88%-98%	N/A	85%	15%	Total Population	114	96%	90%-98%
<b>NEW ULM</b>																					
Allina Health System-New Ulm Medical Center	Allina Health System	90%	85%-94%	N/A	44%	56%	Total Population	217		91%	86%-94%		89%	84%-93%	N/A	67%	33%	Total Population	206	89%	84%-92%
<b>NORTH MANKATO</b>																					
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%		75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
Mankato Clinic	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600		83%	79%-85%		81%	76%-84%	N/A	75%	25%	Total Population	379	81%	76%-84%
<b>NORTHFIELD</b>																					
Allina Medical Clinic	Allina Medical Clinic	92%	91%-93%	N/A	61%	39%	Total Population	2641		92%	91%-93%		88%	86%-89%	N/A	72%	28%	Total Population	1439	88%	86%-89%
<b>OLIVIA</b>																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%
<b>ORTONVILLE</b>																					
Northside Medical Clinic	Northside Medical Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752		73%	70%-76%		72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%

\* Sufficient data not available.



# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis									
		Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate		Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Total Population	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%			87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
<b>OWATONNA</b>																			
Mayo Health System-Owatonna Clinic	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%
<b>PINE ISLAND</b>																			
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%
<b>PIPESTONE</b>																			
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%
<b>PLAINVIEW</b>																			
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%
<b>PRESTON</b>																			
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%
<b>RED WING</b>																			
Fairview Red Wing Medical Center	Fairview Health Services	89%	87%-90%	N/A	52%	48%	Total Population	2410	89%	88%-90%	95%	94%-96%	N/A	65%	35%	Total Population	1584	95%	94%-96%
<b>REDWOOD FALLS</b>																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%
<b>RENVILLE</b>																			
Renville County Hospital and Clinics	Renville County Hospital and Clinics	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
<b>ROCHESTER</b>																				
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435	92%	89%-94%	76%	68%-84%	N/A	32%	68%	Total Population	165	76%	69%-82%	
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435	92%	89%-94%	76%	68%-84%	N/A	32%	68%	Total Population	165	76%	69%-82%	
Mayo Clinic- Mayo Building	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435	92%	89%-94%	76%	68%-84%	N/A	32%	68%	Total Population	165	76%	69%-82%	
Mayo Clinic- Northeast	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435	92%	89%-94%	76%	68%-84%	N/A	32%	68%	Total Population	165	76%	69%-82%	
Mayo Clinic- Northwest	Mayo Clinic	89%	84%-92%	N/A	24%	76%	Total Population	435	92%	89%-94%	76%	68%-84%	N/A	32%	68%	Total Population	165	76%	69%-82%	
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%	
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%	
Rochester Family Medicine Clinic		*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	
<b>RUSHFORD</b>																				
Winona Health	Winona Health	93%	89%-95%	N/A	50%	50%	Total Population	352	93%	89%-95%	94%	89%-96%	N/A	63%	37%	Total Population	169	93%	89%-96%	
<b>SLAYTON</b>																				
Murray County Clinic	Murray County Clinic	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%	
<b>SLEEPY EYE</b>																				
Sleepy Eye Medical Center	Sleepy Eye Medical Center	73%	69%-76%	N/A	44%	56%	Total Population	752	73%	70%-76%	72%	69%-76%	N/A	55%	45%	Total Population	618	71%	68%-75%	

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis																		
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate									
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size											
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%	NA	71%	29%			86%	86-86%
SPICER																												
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	62%	52%-71%	N/A	53%	47%	Total Population	90		62%	52%-72%						Total Population	103		86%	78%-91%	N/A	62%	38%			85%	77%-91%
SPRING GROVE																												
Gundersen Lutheran	Gundersen Clinic	93%	87%-97%	N/A	62%	38%	Total Population	105		93%	87%-97%						Total Population	73		84%	73%-90%	N/A	68%	32%			84%	73%-90%
SPRING VALLEY																												
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574		82%	79%-85%						Total Population	340		87%	83%-91%	N/A	45%	55%			86%	82%-89%
SPRINGFIELD																												
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%						Total Population	1341		75%	73%-78%	N/A	53%	47%			74%	71%-76%
ST. CHARLES																												
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574		82%	79%-85%						Total Population	340		87%	83%-91%	N/A	45%	55%			86%	82%-89%
ST. JAMES																												
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%						Total Population	1341		75%	73%-78%	N/A	53%	47%			74%	71%-76%
Moulton & Parsons MDs		*	*	NA	*	*	*	*		*	*						*	*		*	*	N/A	*	*			*	*
ST. PETER																												
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771		79%	77%-81%						Total Population	1341		75%	73%-78%	N/A	53%	47%			74%	71%-76%
Mankato Clinic- Daniel's Health Center	Mankato Clinic	83%	79%-85%	N/A	58%	42%	Total Population	600		83%	79%-85%						Total Population	379		81%	76%-84%	N/A	75%	25%			81%	76%-84%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection									Appropriate Testing for Children with Pharyngitis										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%									86%	86-86%
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	NA	*	*				*	*									*	*
STEWARTVILLE																					
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%		
TRACY																					
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%		
TYLER																					
Tyler Medical Clinic	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%		
WABASHA																					
Mayo Health System-Wabasha Clinic	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%		
WANAMINGO																					
Olmsted Medical Center	Olmsted Medical Center	82%	78%-86%	N/A	26%	74%	Total Population	574	82%	79%-85%	87%	83%-91%	N/A	45%	55%	Total Population	340	86%	82%-89%		
WASECA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	79%	77%-81%	N/A	41%	59%	Total Population	1771	79%	77%-81%	75%	73%-78%	N/A	53%	47%	Total Population	1341	74%	71%-76%		
WATKINS																					
Paynesville Watkins Medical Clinic	Paynesville Area Health System	62%	52%-71%	N/A	53%	47%	Total Population	90	62%	52%-72%	86%	78%-91%	N/A	62%	38%	Total Population	103	85%	77%-91%		

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size		
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%			87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
<b>WESTBROOK</b>																			
Sanford Clinic Westbrook	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%
<b>WILLMAR</b>																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	89%	86%-91%	N/A	41%	59%	Total Population	630	89%	86%-91%	74%	69%-78%	N/A	54%	46%	Total Population	407	73%	68%-77%
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	96%	89%-100%	N/A	25%	75%	Total Population	92	97%	91%-99%	96%	85%-98%	N/A	58%	42%	Total Population	36	94%	82%-98%
<b>WINDOM</b>																			
Avera- United Medical Clinic	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
Sanford Clinic Windom	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%
Windom Family Medical Center		*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
<b>WINONA</b>																			
Family Medicine of Winona	Family Medicine of Winona	*	*	NA	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
Winona Health- Winona Health Clinics	Winona Health	93%	89%-95%	N/A	50%	50%	Total Population	352	93%	89%-95%	94%	89%-96%	N/A	63%	37%	Total Population	169	93%	89%-96%
<b>WINSTED</b>																			
Ridgeview Winsted Clinic	Ridgeview Clinics	76%	68%-82%	N/A	69%	31%	Total Population	147	76%	69%-82%	95%	90%-98%	N/A	81%	19%	Total Population	112	95%	89%-98%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Appropriate Treatment for Children with Upper Respiratory Infection								Appropriate Testing for Children with Pharyngitis										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		87%	87-87%	NA	56%	44%				87%	87-87%	86%	86-86%	NA	71%	29%			86%	86-86%
<b>WORTHINGTON</b>																				
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	50%	46%-53%	N/A	51%	49%	Total Population	676	48%	44%-52%	56%	51%-61%	N/A	65%	35%	Total Population	325	55%	50%-60%	
Sanford Clinic	Sanford Clinic	87%	83%-89%	N/A	76%	24%	Total Population	628	87%	84%-89%	74%	68%-79%	N/A	82%	18%	Total Population	253	74%	69%-79%	
<b>ZUMBROTA</b>																				
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	89%	87%-90%	N/A	52%	48%	Total Population	2410	89%	88%-90%	95%	94%-96%	N/A	65%	35%	Total Population	1584	95%	94%-96%	

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis									
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs					
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%	
<b>ADRIAN</b>											
Sanford Clinic Adrian	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%	
<b>ALBERT LEA</b>											
Mayo Health System- Albert Lea Medical Center	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%	
<b>APPLETON</b>											
Appleton Clinic	Appleton Area Health Services	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%	
<b>ARLINGTON</b>											
Sibley Medical Center	Sibley Medical Center	*	*	N/A	*	*	*	*	*	*	
<b>AUSTIN</b>											
Mayo Health System- Austin Medical Center	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%	
Smart Clinic	Smart Clinic	*	*	N/A	*	*	*	*	*	*	
<b>BENSON</b>											
Affiliated Community Medical Centers	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%	
<b>BLUE EARTH</b>											
United Hospital District Clinic	United Hospital District Clinic	*	*	N/A	*	*	*	*	*	*	

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
BYRON										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
CALEDONIA										
Mayo Health System-Franciscan Skemp	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
CANBY										
Sanford Clinic Canby	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
CANNON FALLS										
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
CHATFIELD										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
CLARA CITY										
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
CLARKFIELD										
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
DASSEL										
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	N/A	*	*	*	*	*	*

\* Sufficient data not available.



# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	N/A	*	*	*	*	*	*
DAWSON										
Dawson Clinic	Dawson Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
EDEN VALLEY										
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	*	*	N/A	*	*	*	*	*	*
EDGERTON										
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
FAIRFAX										
Fairfax Medical Clinic		*	*	N/A	*	*	*	*	*	*
FAIRMONT										
Braaten Medical Clinic		*	*	N/A	*	*	*	*	*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	N/A	*	*	*	*	*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
Smart Clinic	Smart Clinic	*	*	N/A	*	*	*	*	*	*
FARIBAULT										
Allina Medical Clinic	Allina Medical Clinic	14%	13%-15%	N/A	89%	11%	Total Population	2739	14%	13%-15%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
Mayo Health System-Cannon Valley Clinic	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
FULDA										
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
GLENCOE										
Glencoe Regional Health Services	Glencoe Regional Health Services	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
GRACEVILLE										
Graceville Health Center Clinic	Graceville Health Center Clinic	*	*	N/A	*	*	*	*	*	*
GRANITE FALLS										
Affiliated Community Medical Centers	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
HARMONY										
Gundersen Lutheran	Gundersen Clinic	36%	22%-52%	N/A	86%	14%	Total Population	35	37%	23%-54%
HECTOR										
Renville County Hospital and Clinics	Renville County Hospital and Clinics	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
HENDRICKS										
Hendricks Clinic P.A.	Hendricks Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
<b>HOUSTON</b>										
Gunderson Lutheran	Gundersen Clinic	36%	22%-52%	N/A	86%	14%	Total Population	35	37%	23%-54%
<b>HUTCHINSON</b>										
Hutchinson Medical Center	Hutchinson Medical Center	11%	7%-17%	N/A	79%	21%	Total Population	173	11%	7%-17%
<b>IVANHOE</b>										
Ivanhoe Clinic		*	*	N/A	*	*	*	*	*	*
<b>JACKSON</b>										
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	N/A	*	*	*	*	*	*
Sanford Clinic Jackson	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
<b>KASSON</b>										
Mayo Clinic	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
<b>LA CRESCENT</b>										
Mayo Health System - Franciscan Skemp	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
<b>LAKE BENTON</b>										
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
LAKE CITY										
Mayo Health System-Lake City	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
LAKE CRYSTAL										
Mankato Clinic	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%
LAKEFIELD										
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
Sanford Clinic Lakefield	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
LE SUEUR										
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
Southern Metro Medical Clinics	Southern Metro Medical Clinics	11%	6%-19%	N/A	97%	3%	Total Population	70	10%	5%-19%
LEWISTON										
Winona Health	Winona Health	44%	35%-53%	N/A	87%	13%	Total Population	105	44%	35%-53%
LITCHFIELD										
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis									
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs					
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%	
LONSDALE											
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	25%	15%-39%	N/A	89%	11%	Total Population	45	24%	14%-39%	
LUVERNE											
Sanford Clinic	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%	
MABEL											
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	N/A	*	*	*	*	*	*	
MADELIA											
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%	
MADISON											
Lac Qui Parle Clinic	Lac Qui Parle Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%	
MANKATO											
Between the Bridges Health Center		*	*	N/A	*	*	*	*	*	*	
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%	
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%	
Mankato Clinic- Main Street	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%	
Mankato Clinic- Wickersham Campus	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%	

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MIN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
Open Door Health Center	Open Door Health Center	*	*	N/A	*	*	*	*	*	*
<b>MAPLETON</b>										
Mankato Clinic	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%
<b>MARSHALL</b>										
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>MILAN</b>										
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
<b>MONTEVIDEO</b>										
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
<b>MONTGOMERY</b>										
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	11%	6%-19%	N/A	97%	3%	Total Population	70	10%	5%-19%
<b>MOUNTAIN LAKE</b>										
Sanford Clinic	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MIN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
NEW LONDON										
Affiliated Community Medical Centers	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
NEW PRAGUE										
Parkview Medical Clinic	Parkview Medical Clinic	13%	7%-22%	N/A	92%	8%	Total Population	78	13%	7%-22%
NEW ULM										
Allina Health System-New Ulm Medical Center	Allina Health System	21%	16%-28%	N/A	71%	29%	Total Population	216	22%	17%-28%
NORTH MANKATO										
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
Mankato Clinic	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%
NORTHFIELD										
Allina Medical Clinic	Allina Medical Clinic	14%	13%-15%	N/A	89%	11%	Total Population	2739	14%	13%-15%
OLIVIA										
Renville County Hospital and Clinics	Renville County Hospital and Clinics	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
ORTONVILLE										
Northside Medical Clinic	Northside Medical Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MIN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
OWATONNA										
Mayo Health System-Owatonna Clinic	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
PINE ISLAND										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
PIPESTONE										
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
PLAINVIEW										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
PRESTON										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
RED WING										
Fairview Red Wing Medical Center	Fairview Health Services	20%	18%-22%	N/A	88%	12%	Total Population	1867	20%	18%-22%
REDWOOD FALLS										
Affiliated Community Medical Centers	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
RENVILLE										
Renville County Hospital and Clinics	Renville County Hospital and Clinics	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%

\* Sufficient data not available.



# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MIN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
ROCHESTER										
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
Mayo Clinic- Mayo Building	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
Mayo Clinic- Northeast	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
Mayo Clinic- Northwest	Mayo Clinic	11%	5%-24%	N/A	76%	24%	Total Population	41	12%	5%-26%
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
Rochester Family Medicine Clinic		*	*	N/A	*	*	*	*	*	*
RUSHFORD										
Winona Health	Winona Health	44%	35%-53%	N/A	87%	13%	Total Population	105	44%	35%-53%
SLAYTON										
Murray County Clinic	Murray County Clinic	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%
SLEEPY EYE										
Sleepy Eye Medical Center	Sleepy Eye Medical Center	12%	9%-17%	N/A	75%	25%	Total Population	257	12%	9%-17%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
SPICER										
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	*	*	N/A	*	*	*	*	*	*
SPRING GROVE										
Gundersen Lutheran	Gundersen Clinic	36%	22%-52%	N/A	86%	14%	Total Population	35	37%	23%-54%
SPRING VALLEY										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
SPRINGFIELD										
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
ST. CHARLES										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
ST. JAMES										
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
Moulton & Parsons MDs		*	*	N/A	*	*	*	*	*	*
ST. PETER										
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
Mankato Clinic- Daniel's Health Center	Mankato Clinic	18%	11%-30%	N/A	87%	13%	Total Population	60	18%	11%-30%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	N/A	*	*	*	*	*	*
STEWARTVILLE										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
TRACY										
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
TYLER										
Tyler Medical Clinic	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
WABASHA										
Mayo Health System-Wabasha Clinic	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
WANAMINGO										
Olmsted Medical Center	Olmsted Medical Center	8%	5%-15%	N/A	70%	30%	Total Population	128	9%	5%-16%
WASECA										
Mayo Health System-Immanuel St. Joseph	Mayo Health System	12%	10%-14%	N/A	79%	21%	Total Population	758	12%	10%-14%
WATKINS										
Paynesville Watkins Medical Clinic	Paynesville Area Health System	*	*	N/A	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

## Avoidance of Antibiotics in the Treatment of Adult Bronchitis

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MIN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
<b>WESTBROOK</b>										
Sanford Clinic Westbrook	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
<b>WILLMAR</b>										
Affiliated Community Medical Centers	Affiliated Community Medical Centers	7%	5%-9%	N/A	78%	22%	Total Population	560	6%	5%-9%
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	11%	5%-23%	N/A	69%	31%	Total Population	55	9%	4%-20%
<b>WINDOM</b>										
Avera- United Medical Clinic	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	N/A	*	*	*	*	*	*
Sanford Clinic Windom	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
Windom Family Medical Center		*	*	N/A	*	*	*	*	*	*
<b>WINONA</b>										
Family Medicine of Winona	Family Medicine of Winona	*	*	N/A	*	*	*	*	*	*
Winona Health- Winona Health Clinics	Winona Health	44%	35%-53%	N/A	87%	13%	Total Population	105	44%	35%-53%
<b>WINSTED</b>										
Ridgeview Winsted Clinic	Ridgeview Clinics	14%	10%-19%	N/A	97%	3%	Total Population	205	14%	10%-20%

\* Sufficient data not available.

# Quality of Care for Acute Conditions

See page 89 for an explanation of terms.

		Avoidance of Antibiotics in the Treatment of Adult Bronchitis								
PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		19%	19-20%	NA	87%	13%			19%	19-20%
<b>WORTHINGTON</b>										
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	15%	10%-21%	N/A	83%	17%	Total Population	163	15%	10%-21%
Sanford Clinic	Sanford Clinic	25%	19%-34%	N/A	90%	10%	Total Population	127	26%	19%-34%
<b>ZUMBROTA</b>										
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	20%	18%-22%	N/A	88%	12%	Total Population	1867	20%	18%-22%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size													
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%									80%	80-81%
ADRIAN																					
Sanford Clinic Adrian	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%		
ALBERT LEA																					
Mayo Health System- Albert Lea Medical Center	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%		
APPLETON																					
Appleton Clinic	Appleton Area Health Services	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%		
ARLINGTON																					
Sibley Medical Center	Sibley Medical Center	74%	64%-82%	0%	96%	4%	Total Population	74	73%	62%-82%	66%	56%-74%	N/A	90%	10%	Total Population	105	68%	58%-76%		
AUSTIN																					
Mayo Health System- Austin Medical Center	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%		
Smart Clinic	Smart Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
BENSON																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%		
BLUE EARTH																					
United Hospital District Clinic	United Hospital District Clinic	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%		80%	80-81%	NA	84%	16%			80%	80-81%
BYRON																					
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%		78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
CALEDONIA																					
Mayo Health System-Franciscan Skemp	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%		72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
CANBY																					
Sanford Clinic Canby	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%		83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%	
CANNON FALLS																					
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%		72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
CHATFIELD																					
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%		78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
CLARA CITY																					
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%		76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%	
CLARKFIELD																					
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%		76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%	
DASSEL																					
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening									Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size					
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%		80%	80-81%	NA	84%	16%			80%	80-81%	
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>DAWSON</b>																						
Dawson Clinic	Dawson Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%			
<b>EDEN VALLEY</b>																						
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	81%	76%-85%	8%	84%	8%	Total Population	285	81%	76%-85%	76%	71%-80%	N/A	82%	18%	Total Population	365	76%	71%-80%			
<b>EDGERTON</b>																						
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%			
<b>FAIRFAX</b>																						
Fairfax Medical Clinic		*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>FAIRMONT</b>																						
Braaten Medical Clinic		*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%			
Smart Clinic	Smart Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
<b>FARIBAULT</b>																						
Allina Medical Clinic	Allina Medical Clinic	81%	81%-82%	10%	86%	4%	Total Population	13556	82%	81%-82%	80%	80%-81%	N/A	88%	12%	Total Population	21168	81%	80%-81%			

\* Sufficient data not available.



# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs							Medicare	Commercial	MN Health Care Programs						
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%				80%	80-81%
Mayo Health System-Cannon Valley Clinic	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%		
FULDA																					
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%		
GLENCOE																					
Glencoe Regional Health Services	Glencoe Regional Health Services	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%		
GRACEVILLE																					
Graceville Health Center Clinic	Graceville Health Center Clinic	75%	59%-87%	3%	69%	29%	Total Population	35	74%	58%-86%	81%	68%-90%	N/A	77%	23%	Total Population	48	81%	68%-90%		
GRANITE FALLS																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%		
HARMONY																					
Gundersen Lutheran	Gundersen Clinic	89%	86%-91%	0%	94%	5%	Total Population	512	89%	86%-91%	75%	71%-79%	N/A	94%	6%	Total Population	510	76%	72%-80%		
HECTOR																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%		
HENDRICKS																					
Hendricks Clinic P.A.	Hendricks Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%									80%	80-81%
HOUSTON																					
Gunderson Lutheran	Gundersen Clinic	89%	86%-91%	0%	94%	5%	Total Population	512	89%	86%-91%	75%	71%-79%	N/A	94%	6%	Total Population	510	76%	72%-80%		
HUTCHINSON																					
Hutchinson Medical Center	Hutchinson Medical Center	73%	69%-76%	4%	91%	5%	Total Population	693	73%	69%-76%	71%	67%-74%	N/A	89%	11%	Total Population	884	71%	68%-73%		
IVANHOE																					
Ivanhoe Clinic		*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
JACKSON																					
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
Sanford Clinic Jackson	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%		
KASSON																					
Mayo Clinic	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%		
LA CRESCENT																					
Mayo Health System - Franciscan Skemp	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%		
LAKE BENTON																					
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
<b>LAKE CITY</b>																				
Mayo Health System-Lake City	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
<b>LAKE CRYSTAL</b>																				
Mankato Clinic	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659	85%	83%-87%	80%	78%-82%	N/A	78%	22%	Total Population	1871	80%	78%-82%	
<b>LAKEFIELD</b>																				
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%	
Sanford Clinic Lakefield	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%	
<b>LE SUEUR</b>																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
Southern Metro Medical Clinics	Southern Metro Medical Clinics	79%	73%-85%	8%	88%	4%	Total Population	193	80%	74%-85%	75%	69%-81%	N/A	93%	7%	Total Population	255	76%	71%-81%	
<b>LEWISTON</b>																				
Winona Health	Winona Health	79%	75%-82%	2%	92%	6%	Total Population	555	79%	75%-82%	75%	71%-78%	N/A	88%	12%	Total Population	654	75%	71%-78%	
<b>LITCHFIELD</b>																				
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%	
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%	

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%				80%	80-81%
LONSDALE																					
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	82%	75%-87%	8%	89%	3%	Total Population	146		82%	75%-88%	75%	69%-80%	N/A	92%	8%	Total Population	247		76%	70%-81%
LUVERNE																					
Sanford Clinic	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730		84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290		84%	83%-85%
MABEL																					
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
MADELIA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918		81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987		72%	71%-73%
MADISON																					
Lac Qui Parle Clinic	Lac Qui Parle Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578		79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975		75%	73%-77%
MANKATO																					
Between the Bridges Health Center		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918		81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987		72%	71%-73%
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918		81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987		72%	71%-73%
Mankato Clinic- Main Street	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659		85%	83%-87%	80%	78%-82%	N/A	78%	22%	Total Population	1871		80%	78%-82%
Mankato Clinic- Wickersham Campus	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659		85%	83%-87%	80%	78%-82%	N/A	78%	22%	Total Population	1871		80%	78%-82%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening									Cervical Cancer Screening									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
Open Door Health Center	Open Door Health Center	*	*	*	*	*				*	*	*	*	N/A	*	*			*	*
<b>MAPLETON</b>																				
Mankato Clinic	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659		85%	83%-87%	80%	78%-82%	N/A	78%	22%	Total Population	1871	80%	78%-82%
<b>MARSHALL</b>																				
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786		84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786		84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775		81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%
<b>MILAN</b>																				
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578		79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%
<b>MONTEVIDEO</b>																				
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578		79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%
<b>MONTGOMERY</b>																				
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	79%	73%-85%	8%	88%	4%	Total Population	193		80%	74%-85%	75%	69%-81%	N/A	93%	7%	Total Population	255	76%	71%-81%
<b>MOUNTAIN LAKE</b>																				
Sanford Clinic	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730		84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%		80%	80-81%	NA	84%	16%			80%	80-81%
<b>NEW LONDON</b>																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786		84%	82%-85%		80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%
<b>NEW PRAGUE</b>																					
Parkview Medical Clinic	Parkview Medical Clinic	79%	71%-85%	1%	95%	4%	Total Population	101		79%	70%-86%		82%	74%-88%	N/A	91%	9%	Total Population	137	82%	75%-88%
<b>NEW ULM</b>																					
Allina Health System-New Ulm Medical Center	Allina Health System	83%	81%-85%	11%	85%	5%	Total Population	2159		83%	82%-85%		81%	80%-83%	N/A	79%	21%	Total Population	3190	81%	79%-82%
<b>NORTH MANKATO</b>																					
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918		81%	79%-82%		72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%
Mankato Clinic	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659		85%	83%-87%		80%	78%-82%	N/A	78%	22%	Total Population	1871	80%	78%-82%
<b>NORTHFIELD</b>																					
Allina Medical Clinic	Allina Medical Clinic	81%	81%-82%	10%	86%	4%	Total Population	13556		82%	81%-82%		80%	80%-81%	N/A	88%	12%	Total Population	21168	81%	80%-81%
<b>OLIVIA</b>																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	79%	77%-81%	3%	86%	11%	Total Population	1578		79%	77%-81%		76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%
<b>ORTONVILLE</b>																					
Northside Medical Clinic	Northside Medical Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578		79%	77%-81%		76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%		80%	80-81%	NA	84%	16%			80%	80-81%
OWATONNA																					
Mayo Health System-Owatonna Clinic	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%		
PINE ISLAND																					
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%		
PIPESTONE																					
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%		
PLAINVIEW																					
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%		
PRESTON																					
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%		
RED WING																					
Fairview Red Wing Medical Center	Fairview Health Services	82%	81%-83%	14%	81%	5%	Total Population	9579	82%	81%-83%	82%	82%-83%	N/A	81%	19%	Total Population	14586	82%	82%-83%		
REDWOOD FALLS																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%		
RENVILLE																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs														
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
ROCHESTER																				
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%	
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%	
Mayo Clinic- Mayo Building	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%	
Mayo Clinic- Northeast	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%	
Mayo Clinic- Northwest	Mayo Clinic	89%	86%-90%	3%	85%	11%	Total Population	1172	88%	86%-90%	74%	71%-76%	N/A	78%	22%	Total Population	1289	73%	71%-76%	
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
Rochester Family Medicine Clinic		*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	
RUSHFORD																				
Winona Health	Winona Health	79%	75%-82%	2%	92%	6%	Total Population	555	79%	75%-82%	75%	71%-78%	N/A	88%	12%	Total Population	654	75%	71%-78%	
SLAYTON																				
Murray County Clinic	Murray County Clinic	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%	
SLEEPY EYE																				
Sleepy Eye Medical Center	Sleepy Eye Medical Center	79%	77%-81%	3%	86%	11%	Total Population	1578	79%	77%-81%	76%	74%-78%	N/A	78%	22%	Total Population	1975	75%	73%-77%	

\* Sufficient data not available.



# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
SPICER																				
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	81%	76%-85%	8%	84%	8%	Total Population	285	81%	76%-85%	76%	71%-80%	N/A	82%	18%	Total Population	365	76%	71%-80%	
SPRING GROVE																				
Gundersen Lutheran	Gundersen Clinic	89%	86%-91%	0%	94%	5%	Total Population	512	89%	86%-91%	75%	71%-79%	N/A	94%	6%	Total Population	510	76%	72%-80%	
SPRING VALLEY																				
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
SPRINGFIELD																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
ST. CHARLES																				
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%	
ST. JAMES																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
Moulton & Parsons MDs		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
ST. PETER																				
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%	
Mankato Clinic- Daniel's Health Center	Mankato Clinic	84%	82%-87%	1%	95%	4%	Total Population	1659	85%	83%-87%	80%	78%-82%	N/A	78%	22%	Total Population	1871	80%	78%-82%	

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening												
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size					
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%		80%	80-81%	NA	84%	16%			80%	80-81%	
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*
STEWARTVILLE																						
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%			
TRACY																						
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%			
TYLER																						
Tyler Medical Clinic	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%			
WABASHA																						
Mayo Health System-Wabasha Clinic	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%			
WANAMINGO																						
Olmsted Medical Center	Olmsted Medical Center	87%	84%-89%	6%	84%	11%	Total Population	940	86%	83%-88%	78%	76%-80%	N/A	77%	23%	Total Population	1442	77%	75%-80%			
WASECA																						
Mayo Health System-Immanuel St. Joseph	Mayo Health System	81%	80%-83%	2%	89%	9%	Total Population	3918	81%	79%-82%	72%	71%-74%	N/A	73%	27%	Total Population	4987	72%	71%-73%			
WATKINS																						
Paynesville Watkins Medical Clinic	Paynesville Area Health System	81%	76%-85%	8%	84%	8%	Total Population	285	81%	76%-85%	76%	71%-80%	N/A	82%	18%	Total Population	365	76%	71%-80%			

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size												
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%				83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
WESTBROOK																				
Sanford Clinic Westbrook	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%	
WILLMAR																				
Affiliated Community Medical Centers	Affiliated Community Medical Centers	84%	82%-86%	3%	90%	7%	Total Population	1786	84%	82%-85%	80%	78%-81%	N/A	85%	15%	Total Population	1860	80%	78%-81%	
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	80%	75%-85%	5%	84%	11%	Total Population	243	81%	76%-86%	83%	79%-87%	N/A	83%	17%	Total Population	308	83%	79%-87%	
WINDOM																				
Avera- United Medical Clinic	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%	
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
Sanford Clinic Windom	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%	
Windom Family Medical Center		*	*	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
WINONA																				
Family Medicine of Winona	Family Medicine of Winona	73%	66%-79%	4%	86%	11%	Total Population	159	72%	65%-79%	72%	65%-78%	N/A	85%	15%	Total Population	198	72%	65%-78%	
Winona Health- Winona Health Clinics	Winona Health	79%	75%-82%	2%	92%	6%	Total Population	555	79%	75%-82%	75%	71%-78%	N/A	88%	12%	Total Population	654	75%	71%-78%	
WINSTED																				
Ridgeview Winsted Clinic	Ridgeview Clinics	75%	72%-78%	8%	88%	4%	Total Population	809	75%	72%-78%	76%	73%-78%	N/A	89%	11%	Total Population	1157	76%	74%-79%	

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Breast Cancer Screening								Cervical Cancer Screening									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		83%	82-83%	9%	86%	5%			83%	82-83%	80%	80-81%	NA	84%	16%			80%	80-81%
<b>WORTHINGTON</b>																			
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	81%	78%-85%	1%	92%	8%	Total Population	775	81%	78%-84%	79%	76%-81%	N/A	90%	10%	Total Population	957	80%	77%-82%
Sanford Clinic	Sanford Clinic	83%	80%-85%	1%	97%	2%	Total Population	1730	84%	82%-86%	83%	81%-84%	N/A	97%	3%	Total Population	3290	84%	83%-85%
<b>ZUMBROTA</b>																			
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	82%	81%-83%	14%	81%	5%	Total Population	9579	82%	81%-83%	82%	82%-83%	N/A	81%	19%	Total Population	14586	82%	82%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%				53%	50-55%
ADRIAN																					
Sanford Clinic Adrian	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94		76%	59%-88%	*	*	*	*	*	*	*	*	*	*
ALBERT LEA																					
Mayo Health System- Albert Lea Medical Center	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293		41%	31%-53%
APPLETON																					
Appleton Clinic	Appleton Area Health Services	43%	2%-83%	7%	87%	6%	Sample	97		39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97		7%	2%-21%
ARLINGTON																					
Sibley Medical Center	Sibley Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AUSTIN																					
Mayo Health System- Austin Medical Center	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293		41%	31%-53%
Smart Clinic	Smart Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BENSON																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89		65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79		65%	26%-91%
BLUE EARTH																					
United Hospital District Clinic	United Hospital District Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening										Cancer Combined Screening								
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%			72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%	
BYRON																				
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*	
CALEDONIA																				
Mayo Health System-Franciscan Skemp	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%	
CANBY																				
Sanford Clinic Canby	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*	*	
CANNON FALLS																				
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%	
CHATFIELD																				
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*	
CLARA CITY																				
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%	
CLARKFIELD																				
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%	
DASSEL																				
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%									53%	50-55%
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	*	*	*				*	*		*	*	*					*	*
<b>DAWSON</b>																					
Dawson Clinic	Dawson Clinic	43%	2%-83%	7%	87%	6%	Sample	97		39%	12%-75%		15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%
<b>EDEN VALLEY</b>																					
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	*	*	*	*	*				*	*		*	*	*					*	*
<b>EDGERTON</b>																					
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87		64%	45%-79%		30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%
<b>FAIRFAX</b>																					
Fairfax Medical Clinic		*	*	*	*	*				*	*		*	*	*					*	*
<b>FAIRMONT</b>																					
Braaten Medical Clinic		*	*	*	*	*				*	*		*	*	*					*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	*	*	*				*	*		*	*	*					*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%		44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%
Smart Clinic	Smart Clinic	*	*	*	*	*				*	*		*	*	*					*	*
<b>FARIBAULT</b>																					
Allina Medical Clinic	Allina Medical Clinic	72%	66%-78%	21%	77%	2%	Sample	409		72%	66%-78%		45%	39%-52%	21%	77%	2%	Sample	409	45%	39%-52%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening																			
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate											
				Medicare	Commercial	MN Health Care Programs							Medicare	Commercial	MN Health Care Programs															
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%									53%	50-55%	20%	77%	3%					53%	50-55%
Mayo Health System-Cannon Valley Clinic	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%											
FULDA																														
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%											
GLENCOE																														
Glencoe Regional Health Services	Glencoe Regional Health Services	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%											
GRACEVILLE																														
Graceville Health Center Clinic	Graceville Health Center Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*											
GRANITE FALLS																														
Affiliated Community Medical Centers	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%											
HARMONY																														
Gundersen Lutheran	Gundersen Clinic	80%	71%-89%	0%	91%	9%	Sample	67	79%	66%-88%	*	*	*	*	*	*	*	*												
HECTOR																														
Renville County Hospital and Clinics	Renville County Hospital and Clinics	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%											
HENDRICKS																														
Hendricks Clinic P.A.	Hendricks Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%											

\* Sufficient data not available.



# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%									53%	50-55%
HOUSTON																					
Gunderson Lutheran	Gundersen Clinic	80%	71%-89%	0%	91%	9%	Sample	67	79%	66%-88%	*	*	*	*	*	*	*	*	*	*	*
HUTCHINSON																					
Hutchinson Medical Center	Hutchinson Medical Center	65%	8%-100%	7%	90%	2%	Sample	66	64%	19%-93%	31%	21%-40%	7%	90%	2%	Sample	66	24%	15%-36%		
IVANHOE																					
Ivanhoe Clinic		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JACKSON																					
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Clinic Jackson	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*	*	*	*
KASSON																					
Mayo Clinic	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
LA CRESCENT																					
Mayo Health System - Franciscan Skemp	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
LAKE BENTON																					
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening																						
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate														
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs																	
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%				53%	50-55%												
LAKE CITY																																	
Mayo Health System-Lake City	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%														
LAKE CRYSTAL																																	
Mankato Clinic	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81	60%	35%-81%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
LAKEFIELD																																	
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%														
Sanford Clinic Lakefield	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
LE SUEUR																																	
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%														
Southern Metro Medical Clinics	Southern Metro Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
LEWISTON																																	
Winona Health	Winona Health	66%	52%-79%	2%	85%	14%	Sample	93	60%	44%-74%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
LITCHFIELD																																	
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%														
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%														

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%		53%	50-55%	20%	77%	3%			53%	50-55%
LONSDALE																					
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LUVERNE																					
Sanford Clinic	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94		76%	59%-88%		*	*	*	*	*	*	*	*	*
MABEL																					
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MADELIA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%		44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%
MADISON																					
Lac Qui Parle Clinic	Lac Qui Parle Clinic	43%	2%-83%	7%	87%	6%	Sample	97		39%	12%-75%		15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%
MANKATO																					
Between the Bridges Health Center		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%		44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293		74%	63%-82%		44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%
Mankato Clinic- Main Street	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81		60%	35%-81%		*	*	*	*	*	*	*	*	*
Mankato Clinic- Wickersham Campus	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81		60%	35%-81%		*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs					
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%				53%	50-55%
Open Door Health Center	Open Door Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MAPLETON</b>																					
Mankato Clinic	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81	60%	35%-81%	*	*	*	*	*	*	*	*	*	*	
<b>MARSHALL</b>																					
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%		
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%		
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
<b>MILAN</b>																					
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%		
<b>MONTEVIDEO</b>																					
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%		
<b>MONTGOMERY</b>																					
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
<b>MOUNTAIN LAKE</b>																					
Sanford Clinic	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*			

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening										Cancer Combined Screening														
		Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate			Risk Adjusted Rate		Confidence Interval of Risk Adjusted Rate		Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate			
		Medicare	Commercial	MN Health Care Programs	Sample	Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Sample	Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medicare	Commercial	MN Health Care Programs	Sample	Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%			72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%	20%	77%	3%			53%	50-55%
<b>NEW LONDON</b>																										
Affiliated Community Medical Centers	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%							
<b>NEW PRAGUE</b>																										
Parkview Medical Clinic	Parkview Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>NEW ULM</b>																										
Allina Health System-New Ulm Medical Center	Allina Health System	43%	33%-53%	21%	75%	4%	Sample	117	43%	32%-56%	36%	26%-46%	21%	76%	3%	Sample	105	36%	26%-48%							
<b>NORTH MANKATO</b>																										
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%							
Mankato Clinic	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81	60%	35%-81%	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>NORTHFIELD</b>																										
Allina Medical Clinic	Allina Medical Clinic	72%	66%-78%	21%	77%	2%	Sample	409	72%	66%-78%	45%	39%-52%	21%	77%	2%	Sample	409	45%	39%-52%							
<b>OLIVIA</b>																										
Renville County Hospital and Clinics	Renville County Hospital and Clinics	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%							
<b>ORTONVILLE</b>																										
Northside Medical Clinic	Northside Medical Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%							

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%			72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%
OWATONNA																			
Mayo Health System-Owatonna Clinic	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%
PINE ISLAND																			
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*
PIPESTONE																			
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%
PLAINVIEW																			
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*
PRESTON																			
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*
RED WING																			
Fairview Red Wing Medical Center	Fairview Health Services	79%	72%-86%	30%	67%	3%	Sample	403	78%	72%-84%	58%	48%-67%	30%	67%	3%	Sample	403	59%	51%-68%
REDWOOD FALLS																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%
RENVILLE																			
Renville County Hospital and Clinics	Renville County Hospital and Clinics	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%				53%	50-55%
ROCHESTER																					
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
Mayo Clinic- Mayo Building	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
Mayo Clinic- Northeast	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
Mayo Clinic- Northwest	Mayo Clinic	91%	83%-99%	6%	84%	10%	Sample	101	92%	78%-97%	65%	50%-81%	6%	84%	10%	Sample	101	63%	44%-79%		
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*		
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*		
Rochester Family Medicine Clinic		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
RUSHFORD																					
Winona Health	Winona Health	66%	52%-79%	2%	85%	14%	Sample	93	60%	44%-74%	*	*	*	*	*	*	*	*	*		
SLAYTON																					
Murray County Clinic	Murray County Clinic	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%		
SLEEPY EYE																					
Sleepy Eye Medical Center	Sleepy Eye Medical Center	43%	2%-83%	7%	87%	6%	Sample	97	39%	12%-75%	15%	6%-24%	7%	87%	6%	Sample	97	7%	2%-21%		

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# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs								Medicare	Commercial	MN Health Care Programs					
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%				53%	50-55%
SPICER																					
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SPRING GROVE																					
Gundersen Lutheran	Gundersen Clinic	80%	71%-89%	0%	91%	9%	Sample	67	79%	66%-88%	*	*	*	*	*	*	*	*	*	*	*
SPRING VALLEY																					
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*	*	*
SPRINGFIELD																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
ST. CHARLES																					
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*	*	*	*	*	*	*
ST. JAMES																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
Moulton & Parsons MDs		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ST. PETER																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
Mankato Clinic- Daniel's Health Center	Mankato Clinic	64%	42%-85%	2%	93%	5%	Sample	81	60%	35%-81%	*	*	*	*	*	*	*	*	*	*	*

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# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%	
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	*	*	*				*	*	*	*	*	*			*	*	*	*
STEWARTVILLE																					
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*		*	*	*	*	
TRACY																					
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*		*	*	*	*	
TYLER																					
Tyler Medical Clinic	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%		
WABASHA																					
Mayo Health System-Wabasha Clinic	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
WANAMINGO																					
Olmsted Medical Center	Olmsted Medical Center	56%	32%-81%	6%	85%	9%	Sample	79	55%	30%-77%	*	*	*	*	*		*	*	*	*	
WASECA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	72%	61%-82%	5%	89%	7%	Sample	293	74%	63%-82%	44%	32%-56%	5%	89%	7%	Sample	293	41%	31%-53%		
WATKINS																					
Paynesville Watkins Medical Clinic	Paynesville Area Health System	*	*	*	*	*				*	*	*	*	*	*		*	*	*	*	

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening								Cancer Combined Screening									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%			72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%
WESTBROOK																			
Sanford Clinic Westbrook	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*	*
WILLMAR																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	64%	12%-100%	5%	88%	7%	Sample	89	65%	26%-91%	64%	11%-100%	5%	89%	6%	Sample	79	65%	26%-91%
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WINDOM																			
Avera- United Medical Clinic	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87	64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Clinic Windom	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94	76%	59%-88%	*	*	*	*	*	*	*	*	*
Windom Family Medical Center		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WINONA																			
Family Medicine of Winona	Family Medicine of Winona	53%	42%-65%	0%	89%	11%	Sample	65	48%	35%-61%	36%	26%-47%	0%	89%	11%	Sample	65	28%	17%-41%
Winona Health- Winona Health Clinics	Winona Health	66%	52%-79%	2%	85%	14%	Sample	93	60%	44%-74%	*	*	*	*	*	*	*	*	*
WINSTED																			
Ridgeview Winsted Clinic	Ridgeview Clinics	67%	55%-79%	17%	82%	2%	Sample	64	69%	52%-82%	58%	46%-70%	17%	82%	2%	Sample	64	60%	43%-75%

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# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Colorectal Cancer Screening									Cancer Combined Screening									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size			
<b>Overall Minnesota Clinic Average</b>		72%	69-74%	20%	76%	4%				72%	69-74%	53%	50-55%	20%	77%	3%			53%	50-55%
<b>WORTHINGTON</b>																				
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	67%	51%-82%	0%	89%	11%	Sample	87		64%	45%-79%	30%	16%-44%	0%	92%	8%	Sample	70	22%	9%-41%
Sanford Clinic	Sanford Clinic	77%	64%-89%	0%	92%	8%	Sample	94		76%	59%-88%	*	*	*	*	*	*	*	*	*
<b>ZUMBROTA</b>																				
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	79%	72%-86%	30%	67%	3%	Sample	403		78%	72%-84%	58%	48%-67%	30%	67%	3%	Sample	403	59%	51%-68%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%									80%	78-81%
ADRIAN																					
Sanford Clinic Adrian	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
ALBERT LEA																					
Mayo Health System-Albert Lea Medical Center	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
APPLETON																					
Appleton Clinic	Appleton Area Health Services	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
ARLINGTON																					
Sibley Medical Center	Sibley Medical Center	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
AUSTIN																					
Mayo Health System-Austin Medical Center	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
Smart Clinic	Smart Clinic	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
BENSON																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		
BLUE EARTH																					
United Hospital District Clinic	United Hospital District Clinic	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%	80%	78-81%	NA	63%	37%				80%	78-81%
BYRON																					
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%		
CALEDONIA																					
Mayo Health System-Franciscan Skemp	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
CANBY																					
Sanford Clinic Canby	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
CANNON FALLS																					
Mayo Health System-Cannon Falls Medical Center	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
CHATFIELD																					
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%		
CLARA CITY																					
Clara City Clinic	Chippewa County Montevideo Hospital & Medical Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
CLARKFIELD																					
Clarkfield Clinic	Chippewa County Montevideo Hospital & Medical Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
DASSEL																					
Hutchinson Area Health Care-Dassel Medical Center	Hutchinson Area Health Care	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening									Childhood Immunization Status										
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%		80%	78-81%	NA	63%	37%			80%	78-81%
Meeker Memorial Clinic	Meeker Memorial Clinic	*	*	N/A	*	*				*	*		*	*	N/A	*	*			*	*
<b>DAWSON</b>																					
Dawson Clinic	Dawson Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678		37%	33%-40%		70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%
<b>EDEN VALLEY</b>																					
Paynesville Eden Valley Medical Clinic	Paynesville Area Health System	34%	25%-43%	N/A	71%	29%	Total Population	102		34%	26%-44%		*	*	N/A	*	*			*	*
<b>EDGERTON</b>																					
Edgerton Family Clinic Avera	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396		31%	27%-36%		54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%
<b>FAIRFAX</b>																					
Fairfax Medical Clinic		*	*	N/A	*	*				*	*		*	*	N/A	*	*			*	*
<b>FAIRMONT</b>																					
Braaten Medical Clinic		*	*	N/A	*	*				*	*		*	*	N/A	*	*			*	*
Dulcimer Medical Center	Dulcimer Medical Center	*	*	N/A	*	*				*	*		*	*	N/A	*	*			*	*
Mayo Health System-Fairmont Medical Center	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809		41%	38%-43%		75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
Smart Clinic	Smart Clinic	*	*	N/A	*	*				*	*		*	*	N/A	*	*			*	*
<b>FARIBAULT</b>																					
Allina Medical Clinic	Allina Medical Clinic	61%	59%-62%	N/A	81%	19%	Total Population	4876		60%	59%-62%		81%	74%-87%	N/A	68%	32%	Sample	244	81%	73%-86%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME

MEDICAL GROUP NAME

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs							Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%			49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%
Mayo Health System-Cannon Valley Clinic	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population 1809		41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample 230		75%	64%-84%
FULDA																			
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population 396		31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample 87		62%	50%-72%
GLENCOE																			
Glencoe Regional Health Services	Glencoe Regional Health Services	35%	31%-39%	N/A	60%	40%	Total Population 678		37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample 111		71%	55%-83%
GRACEVILLE																			
Graceville Health Center Clinic	Graceville Health Center Clinic	*	*	N/A	*	*	* *		*	*	*	*	N/A	*	*	* *		*	*
GRANITE FALLS																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population 809		51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample 89		88%	78%-94%
HARMONY																			
Gundersen Lutheran	Gundersen Clinic	40%	33%-48%	N/A	79%	21%	Total Population 155		40%	33%-48%	*	*	N/A	*	*	* *		*	*
HECTOR																			
Renville County Hospital and Clinics	Renville County Hospital and Clinics	35%	31%-39%	N/A	60%	40%	Total Population 678		37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample 111		71%	55%-83%
HENDRICKS																			
Hendricks Clinic P.A.	Hendricks Clinic	35%	31%-39%	N/A	60%	40%	Total Population 678		37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample 111		71%	55%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%									80%	78-81%
HOUSTON																					
Gunderson Lutheran	Gundersen Clinic	40%	33%-48%	N/A	79%	21%	Total Population	155		40%	33%-48%		*	*	N/A	*	*	*	*	*	*
HUTCHINSON																					
Hutchinson Medical Center	Hutchinson Medical Center	42%	36%-48%	N/A	77%	23%	Total Population	267		42%	36%-48%		56%	46%-65%	N/A	67%	33%	Sample	60	55%	28%-78%
IVANHOE																					
Ivanhoe Clinic		*	*	N/A	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
JACKSON																					
Sacred Heart Mercy Health Care Center	Sacred Heart Mercy Health Care Center	*	*	N/A	*	*	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
Sanford Clinic Jackson	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760		35%	31%-38%		67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%
KASSON																					
Mayo Clinic	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291		46%	41%-52%		79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
LA CRESCENT																					
Mayo Health System - Franciscan Skemp	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809		41%	38%-43%		75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
LAKE BENTON																					
Lake Benton Healthcare Center	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396		31%	27%-36%		54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%

\* Sufficient data not available.



# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%		80%	78-81%	NA	63%	37%			80%	78-81%
LAKE CITY																					
Mayo Health System-Lake City	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
LAKE CRYSTAL																					
Mankato Clinic	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%		
LAKEFIELD																					
Avera Worthington Specialty Clinics	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396	31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%		
Sanford Clinic Lakefield	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
LE SUEUR																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
Southern Metro Medical Clinics	Southern Metro Medical Clinics	41%	32%-52%	N/A	93%	7%	Total Population	107	41%	32%-51%	*	*	N/A	*	*	*	*	*	*	*	*
LEWISTON																					
Winona Health	Winona Health	42%	36%-48%	N/A	68%	32%	Total Population	282	43%	38%-49%	82%	74%-88%	N/A	47%	53%	Sample	62	79%	61%-90%		
LITCHFIELD																					
Affiliated Community Medical Centers-Litchfield Clinic (East)	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		
Affiliated Community Medical Centers-Litchfield Clinic (West)	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		

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# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%		80%	78-81%	NA	63%	37%			80%	78-81%
LONSDALE																					
FamilyHealth Medical Clinic	FamilyHealth Medical Clinics	15%	9%-23%	N/A	88%	12%	Total Population	107	15%	9%-23%	*	*	N/A	*	*	*	*	*	*	*	*
LUVERNE																					
Sanford Clinic	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
MABEL																					
Winneshiek Medical Center	Winneshiek Medical Center-Mabel Clinic	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
MADIELIA																					
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
MADISON																					
Lac Qui Parle Clinic	Lac Qui Parle Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
MANKATO																					
Between the Bridges Health Center		*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*	*	*
Mayo Health System-Immanuel St. Joseph-Mankato Eastridge	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
Mayo Health System-Immanuel St. Joseph-Mankato Specialty Clinic	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%		
Mankato Clinic- Main Street	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%		
Mankato Clinic- Wickersham Campus	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%	
Open Door Health Center	Open Door Health Center	*	*	N/A	*	*		*	*	*	*	*	*	N/A	*	*		*	*	*	*
<b>MAPLETON</b>																					
Mankato Clinic	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%		
<b>MARSHALL</b>																					
Affiliated Community Medical Centers-Bruce Street	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		
Affiliated Community Medical Centers-Marshall Clinic- Market Street	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		
Avera Marshall Specialty Clinic	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396	31%	27%-36%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
<b>MILAN</b>																					
Milan Clinic	Chippewa County Montevideo Hospital & Medical Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
<b>MONTEVIDEO</b>																					
Chippewa County Montevideo Hospital & Medical Clinic	Chippewa County Montevideo Hospital & Medical Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%		
<b>MONTGOMERY</b>																					
Southern Metro Medical Clinics-Montgomery Medical Clinic	Southern Metro Medical Clinics	41%	32%-52%	N/A	93%	7%	Total Population	107	41%	32%-51%	*	*	N/A	*	*	*	*	*	*		
<b>MOUNTAIN LAKE</b>																					
Sanford Clinic	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size		
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%			49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%
<b>NEW LONDON</b>																			
Affiliated Community Medical Centers	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%
<b>NEW PRAGUE</b>																			
Parkview Medical Clinic	Parkview Medical Clinic	36%	24%-50%	N/A	88%	12%	Total Population	42	33%	21%-48%	*	*	N/A	*	*	*	*	*	*
<b>NEW ULM</b>																			
Allina Health System-New Ulm Medical Center	Allina Health System	48%	44%-53%	N/A	64%	36%	Total Population	520	51%	46%-55%	75%	66%-82%	N/A	57%	43%	Sample	61	73%	56%-86%
<b>NORTH MANKATO</b>																			
Mayo Health System-Immanuel St. Joseph - Mankato Northridge	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
Mankato Clinic	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%
<b>NORTHFIELD</b>																			
Allina Medical Clinic	Allina Medical Clinic	61%	59%-62%	N/A	81%	19%	Total Population	4876	60%	59%-62%	81%	74%-87%	N/A	68%	32%	Sample	244	81%	73%-86%
<b>OLIVIA</b>																			
Renville County Hospital and Clinics	Renville County Hospital and Clinics	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%
<b>ORTONVILLE</b>																			
Northside Medical Clinic	Northside Medical Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%	80%	78-81%	NA	63%	37%				80%	78-81%
OWATONNA																					
Mayo Health System-Owatonna Clinic	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809		41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230		75%	64%-84%
PINE ISLAND																					
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373		47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69		80%	63%-91%
PIPESTONE																					
Avera- Pipestone County Medical Center	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396		31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample	87		62%	50%-72%
PLAINVIEW																					
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373		47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69		80%	63%-91%
PRESTON																					
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373		47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69		80%	63%-91%
RED WING																					
Fairview Red Wing Medical Center	Fairview Health Services	57%	56%-59%	N/A	77%	23%	Total Population	3293		57%	55%-59%	84%	78%-89%	N/A	64%	36%	Sample	254		84%	78%-89%
REDWOOD FALLS																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809		51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89		88%	78%-94%
RENVILLE																					
Renville County Hospital and Clinics	Renville County Hospital and Clinics	35%	31%-39%	N/A	60%	40%	Total Population	678		37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111		71%	55%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs													
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%			49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%
ROCHESTER																			
Mayo Clinic- Baldwin Building, Family Medicine	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291	46%	41%-52%	79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
Mayo Clinic- Baldwin Building, Primary Care Internal Medicine	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291	46%	41%-52%	79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
Mayo Clinic- Mayo Building	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291	46%	41%-52%	79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
Mayo Clinic- Northeast	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291	46%	41%-52%	79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
Mayo Clinic- Northwest	Mayo Clinic	41%	35%-48%	N/A	53%	47%	Total Population	291	46%	41%-52%	79%	48%-100%	N/A	27%	73%	Sample	66	78%	56%-91%
Olmsted Medical Center- Rochester Northwest	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%
Olmsted Medical Center- Rochester Southeast	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%
Rochester Family Medicine Clinic		*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
RUSHFORD																			
Winona Health	Winona Health	42%	36%-48%	N/A	68%	32%	Total Population	282	43%	38%-49%	82%	74%-88%	N/A	47%	53%	Sample	62	79%	61%-90%
SLAYTON																			
Murray County Clinic	Murray County Clinic	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%
SLEEPY EYE																			
Sleepy Eye Medical Center	Sleepy Eye Medical Center	35%	31%-39%	N/A	60%	40%	Total Population	678	37%	33%-40%	70%	63%-78%	N/A	50%	50%	Sample	111	71%	55%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size		
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%			49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%
SPICER																			
Paynesville Green Lake Medical Clinic	Paynesville Area Health System	34%	25%-43%	N/A	71%	29%	Total Population	102	34%	26%-44%	*	*	N/A	*	*	*	*	*	*
SPRING GROVE																			
Gundersen Lutheran	Gundersen Clinic	40%	33%-48%	N/A	79%	21%	Total Population	155	40%	33%-48%	*	*	N/A	*	*	*	*	*	*
SPRING VALLEY																			
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%
SPRINGFIELD																			
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
ST. CHARLES																			
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%
ST. JAMES																			
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
Moulton & Parsons MDs		*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*
ST. PETER																			
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%
Mankato Clinic- Daniel's Health Center	Mankato Clinic	49%	45%-53%	N/A	81%	19%	Total Population	749	49%	45%-52%	70%	53%-87%	N/A	62%	38%	Sample	90	70%	52%-83%

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening									Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate			
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size					
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%		80%	78-81%	NA	63%	37%			80%	78-81%	
River's Edge Clinic	River's Edge Hospital & Clinic	*	*	N/A	*	*		*	*	*	*		*	*	N/A	*	*		*	*	*	*
STEWARTVILLE																						
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%			
TRACY																						
Sanford Clinic Tracy/Balaton/Walnut Grove	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%			
TYLER																						
Tyler Medical Clinic	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396	31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%			
WABASHA																						
Mayo Health System-Wabasha Clinic	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%			
WANAMINGO																						
Olmsted Medical Center	Olmsted Medical Center	46%	41%-52%	N/A	57%	43%	Total Population	373	47%	42%-53%	81%	61%-100%	N/A	38%	62%	Sample	69	80%	63%-91%			
WASECA																						
Mayo Health System-Immanuel St. Joseph	Mayo Health System	40%	37%-42%	N/A	69%	31%	Total Population	1809	41%	38%-43%	75%	63%-87%	N/A	54%	46%	Sample	230	75%	64%-84%			
WATKINS																						
Paynesville Watkins Medical Clinic	Paynesville Area Health System	34%	25%-43%	N/A	71%	29%	Total Population	102	34%	26%-44%	*	*	N/A	*	*	*	*	*	*			

\* Sufficient data not available.



# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status											
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample		Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate		
				Medicare	Commercial	MN Health Care Programs		Sample Size					Medicare	Commercial	MN Health Care Programs		Sample Size				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%				49%	49-50%		80%	78-81%	NA	63%	37%			80%	78-81%
WESTBROOK																					
Sanford Clinic Westbrook	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
WILLMAR																					
Affiliated Community Medical Centers	Affiliated Community Medical Centers	49%	45%-53%	N/A	63%	37%	Total Population	809	51%	48%-54%	91%	85%-96%	N/A	46%	54%	Sample	89	88%	78%-94%		
Family Practice Medical Center of Willmar	Family Practice Medical Center of Willmar	70%	58%-79%	N/A	55%	45%	Total Population	85	67%	57%-76%	*	*	N/A	*	*	*	*	*	*		
WINDOM																					
Avera- United Medical Clinic	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396	31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%		
Hartberg Medical Clinic	Hartberg Medical Clinic	*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
Sanford Clinic Windom	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%		
Windom Family Medical Center		*	*	N/A	*	*	*	*	*	*	*	*	N/A	*	*	*	*	*	*		
WINONA																					
Family Medicine of Winona	Family Medicine of Winona	16%	10%-26%	N/A	71%	29%	Total Population	70	17%	10%-28%	*	*	N/A	*	*	*	*	*	*		
Winona Health- Winona Health Clinics	Winona Health	42%	36%-48%	N/A	68%	32%	Total Population	282	43%	38%-49%	82%	74%-88%	N/A	47%	53%	Sample	62	79%	61%-90%		
WINSTED																					
Ridgeview Winsted Clinic	Ridgeview Clinics	48%	41%-54%	N/A	88%	12%	Total Population	267	46%	40%-52%	*	*	N/A	*	*	*	*	*	*		

\* Sufficient data not available.

# Quality of Preventive Care

See page 89 for an explanation of terms.

PHYSICIAN CLINIC NAME	MEDICAL GROUP NAME	Chlamydia Screening								Childhood Immunization Status									
		Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Medical Group Distribution of Patient Population			Total Population or Sample	Sample Size	Non-Risk Adjusted Rate	Confidence Interval of Non-Risk Adjusted Rate
				Medicare	Commercial	MN Health Care Programs							Medicare	Commercial	MN Health Care Programs				
<b>Overall Minnesota Clinic Average</b>		49%	49-50%	NA	77%	23%			49%	49-50%	80%	78-81%	NA	63%	37%			80%	78-81%
<b>WORTHINGTON</b>																			
Avera Worthington Specialty Clinic	Avera Health/Avera Tri-State	32%	28%-37%	N/A	81%	19%	Total Population	396	31%	27%-36%	54%	37%-71%	N/A	37%	63%	Sample	87	62%	50%-72%
Sanford Clinic	Sanford Clinic	37%	33%-40%	N/A	90%	10%	Total Population	760	35%	31%-38%	67%	56%-79%	N/A	75%	25%	Sample	264	65%	51%-76%
<b>ZUMBROTA</b>																			
Fairview Red Wing Zumbrota Clinic	Fairview Health Services	57%	56%-59%	N/A	77%	23%	Total Population	3293	57%	55%-59%	84%	78%-89%	N/A	64%	36%	Sample	254	84%	78%-89%

\* Sufficient data not available.

## **DATA SOURCES AND DATA COLLECTION PROCEDURES**

### **MEASURES REPORTED DIRECTLY BY PHYSICIAN CLINICS**

Physician clinics directly report data on the optimal diabetes and optimal vascular care measures. All data elements are specified by the Minnesota Department of Health in Minnesota Rules Chapter 4654 and its technical appendices. These data elements are described at a more detailed level in MN Community Measurement's 2010 Direct Data Submission (DDS) Guide and Summary Data Submission (SDS) Guide (both relating to 2009 dates of service). These guides provide detailed steps and instructions to ensure submitted data meets rigorous standards.

Under Minnesota Rules Chapter 4654, physician clinics are required to submit data at a summary level. Physician clinics may meet these data submission requirements in one of two ways: 1) they may choose to submit data through the Direct Data Submission process as part of an agreement with MN Community Measurement (MNCM) and authorize MNCM to submit summary data results to MDH on their behalf; or 2) they may submit summary levels of information directly to MNCM's portal through the Summary Data Submission process. Data submitted through the DDS process are audited by MNCM. Virtually all clinics (519 out of 523 on the optimal diabetes measure and 518 out of 520 on the optimal vascular care measure) used the DDS process in reporting data on 2009 dates of service.

Regardless of which data submission method they use, physician clinics must first register through the MNCM Data Portal. Once registered, they indicate which data submission process they intend to use. In this reporting cycle, physician clinics could opt to report data on a clinic's total patient population or

to submit data for a random sample of the clinic's entire patient population. Detailed instructions for sampling are also provided in the DDS Guide and SDS Guide. 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. Physician clinics complete numerous quality checks of the data before it is submitted to MNCM. All appropriate HIPAA requirements are followed for data submitted through the DDS process. These requirements do not apply to summary data submission because no patient-identifiable information is reported.

The required data elements are submitted directly through the portal by physician clinics. If the data is submitted through the DDS process, 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](http://www.ncqa.org).

### **CLAIMS-BASED MEASURES CALCULATED AT THE MEDICAL GROUP LEVEL**

The data source of claims-based measures calculated at the medical group level 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.

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 follow 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.

In this report, MDH is assigning the medical group score to each physician clinic that is part of that medical group. Approximately 40 physician clinics report they are now part of another medical group; these physician clinics received the medical group's score of which they were a part during the measurement period.

## METHODOLOGY

### MEASURES REPORTED DIRECTLY BY PHYSICIAN CLINICS

Two measures are reported directly by physician clinics– Optimal Diabetes Care and Optimal Vascular Care. These measures are “all-or-none” composite measures, meaning that each component of the measure must be achieved for a clinic to receive credit for providing optimal care for a particular patient. Each year, these measure specifications are reviewed against current evidence-based guidelines and input is sought from community experts. The measure specifications are incorporated into Minnesota Rules Chapter 4654 and its technical appendices.

Physician clinics without specialties related to a given measure have a “not applicable” designation in the table of results.

### **Eligible Population Specifications**

The eligible populations for these measures are identified by physician clinics. Standard definitions for the eligible population for each measure include elements such as age, appropriate diagnosis codes, and number of visits needed in the measurement timeframe. Each required element is outlined in Minnesota Rules Chapter 4654 and further specified in the 2010 DDS and SDS Guide.

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

Medical groups must attribute each patient to a single physician clinic. Each medical group's patient attribution method must be identified by the medical group using one of three possible methods and is then reviewed by MNMCM as part of the denominator certification process.

### **Sampling from Total Population**

For this reporting cycle, physician clinics could either submit data on their full population or a random sample of at least 60 patients. The 2010 DDS and SDS Guides describe accepted methods to select a random sample. This step is reviewed by MNMCM as part of the denominator certification process.

### **Numerator Specifications**

The numerator is the number of patients identified from either the eligible population or the random sample who meet the numerator targets. These targets are specified by the Minnesota Department of Health in Minnesota Rules Chapter 4654 and its technical appendices. MNMCM audits results of physician clinics using the DDS submission process.

### **Calculating Non-Risk Adjusted Rates**

Physician clinic 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 us-

ing the total eligible population are straightforward calculations whereby the total eligible population serves as the denominator. For clinics that sampled 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 asymmetrical confidence intervals are calculated for each measure for each clinic regardless of whether clinics report on a full population or a sample. Asymmetrical confidence intervals are used to avoid confidence interval lower-bound values less than zero and upper-bound values greater than one hundred. Physician clinic rates are reported as percentages. Physician clinic rates are first calculated for each clinic and then a statewide clinic rate average is calculated. The statewide average rate is used when comparing a single physician clinic to the performance of all physician clinics.

### **Risk Adjustment**

Minnesota Statutes 62U.02 requires the Commissioner of Health to establish a system of risk-adjusting quality measures and to issue annual public reports on provider quality. The results in this report are published on a risk-adjusted basis in the main part of the document, while the technical appendices show both risk-adjusted and unadjusted results. Physician clinic results are adjusted by primary product type (commercial, Medicare, and MN health care programs/uninsured). Essentially, the risk-adjusted results assume that all physician clinics have the same distribution of patients between these three different categories and multiplies their actual result for each product type by the statewide distribution of patients by product type. The calculation of confidence intervals for risk adjusted rates uses a similar methodology as described above for the calculation of non-risk adjusted rates. However, a weighted average of the variance for the different payer categories is used in the confidence interval calculation.\*

\* Curtin, LR and RJ Klein. "Direct Standardization (Age-Adjusted Death Rates)." Centers for Disease Control and Prevention and National Center for Health Statistics. Healthy People 2000 Statistical Notes No. 6. 1995.

## Example of Risk Adjustment Using Payer Mix

<b>Example 1 UNADJUSTED RATE</b>	<b>COMMERCIAL</b>	<b>MN PUBLIC PROGRAMS</b>	<b>MEDICARE</b>	<b>TOTAL</b>
<b>CLINIC A</b>				
# of patients	340	20	40	400
% distribution of patients	85.0%	5.0%	10.0%	100.0%
% meeting measure	65.0%	45.0%	55.0%	63.0%
<b>CLINIC B</b>				
# of patients	100	100	200	400
% distribution of patients	25.0%	25.0%	50.0%	100.0%
% meeting measure	65.0%	45.0%	55.0%	55.0%
<b>STATEWIDE</b>				
% distribution of patients	73.0%	12.0%	15.0%	100.0%
<b>RISK ADJUSTED RATES TO STATEWIDE PAYER MIX</b>				
Clinic A				61.1%
Clinic B				61.1%

<b>Example 2 UNADJUSTED RATE</b>	<b>COMMERCIAL</b>	<b>MN PUBLIC PROGRAMS</b>	<b>MEDICARE</b>	<b>TOTAL</b>
<b>CLINIC A</b>				
# of patients	320	30	50	400
% distribution of patients	80.0%	7.5%	12.5%	100.0%
% meeting measure	62.5%	20.0%	68.0%	60.0%
<b>CLINIC B</b>				
# of patients	120	200	80	400
% distribution of patients	30.0%	50.0%	20.0%	100.0%
% meeting measure	66.7%	50.0%	75.0%	60.0%
<b>STATEWIDE</b>				
% distribution of patients	73.0%	12.0%	15.0%	100.0%
<b>RISK ADJUSTED RATES TO STATEWIDE PAYER MIX</b>				
Clinic A				58.2%
Clinic B				65.9%

When a physician clinic has less than 10 patients in a payer category, the statewide rate is incorporated into the payer category rate in proportion to the number of patients under 10 in a payer category. For example, if a clinic has 6 Medicare patients, 60% of the Medicare rate for the clinic would be based on the clinic's data and 40% would be based on the statewide average for Medicare payers. This adjustment is made to address issues with small sample sizes.

Page 119 provides two examples of the risk adjustment methodology. In example one, Clinics A and B have a different patient payer mix, but their performance by product type is the same. Under risk adjustment, the overall performance for both clinics is the same as they had the same performance by product type. Without risk adjustment, Clinic A appears to perform better than Clinic B, but this is generally due to the fact that Clinic A has more commercial patients with higher performance and Clinic B has more Medicare and public program patients with lower performance. In the second example, Clinics A and B have the same unadjusted overall rate of performance, but their patient payer mix and performance by product type is different. When results for Clinics A and B are adjusted to reflect a statewide average distribution of patients by product type, the overall performance for Clinic A decreases and the overall performance for Clinic B increases. The unadjusted performance of individual clinics is adjusted to account for potential differences in patient populations which may be outside of the influence of a clinic. This product mix adjustment is done to make clinic results more comparable, regardless of patient characteristics.

### **Limitations**

Although participation in the Minnesota Statewide Quality Reporting and Measurement System was required beginning in 2010, not all physician clinics submitted their results. Therefore, the results collected do not represent all physician clinics that serve patients in Minnesota. In addition, a physician clinic's results are publicly reported only if a minimum threshold of 30 patients is met. For this reason, MDH is not including results for 140 (or 24 percent) physician clinics reporting

data on the optimal vascular measure or 47 (or eight percent) physician clinics submitting data on the optimal diabetes care measure.

### **Physician Clinic Inclusion**

A multistep approach was used to determine which physician clinics would be included in this report. The clinics listed in this document were required to submit data on the Optimal Diabetes Care and/or Optimal Vascular Care measures under Minnesota Rules Chapter 4654. Medical groups with HEDIS data who were not required to report on the diabetes or vascular measures are not included in this report. The following considerations were used to determine which physician clinics are included.

- In this first year of mandatory reporting, it was not uniformly understood among physician clinics that reporting is required at a site level. Physician clinics may only combine reporting across clinics when they meet certain criteria, including that various sites are commonly owned and share common clinical staff across their various sites. MDH recognizes that was a change from how some physician clinics previously reported on a voluntary basis and that new physician clinics may not have understood that results for a satellite clinic may not be combined with results from a main clinic. Recognizing this is a transition year for physician clinic reporting, MDH is publishing the results as they were reported at an aggregated level rather than noting that results were not submitted specifically for a satellite clinic location. In future years, MDH will call greater attention to this issue in the report.
- In May 2010, MDH mailed letters to known physician clinics in the state who had not registered with MNCM. Those clinics which did not register and submit data and were determined to have relevant specialists are included in the report. The same assumption regarding satellite clinics was used when reviewing these clinics. Those clinics that were part of a medical group which did submit data are not included separately from their medical group in this report.

- Physician clinics which registered with MNMCM, but did not submit measure data for diabetes and vascular care were compared with the specialty information submitted by the clinic during the registration process. If the specialties onsite were appropriate for measure reporting, the clinic is included in this report. If the specialties onsite were not appropriate for measure reporting, the clinic is not included in this report.

## **CLAIMS-BASED MEASURES CALCULATED AT THE MEDICAL GROUP LEVEL**

Two types of measures are calculated at the medical group level and reported for each affiliated physician clinic – 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

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

Physician clinics without specialties related to a given measure have a “not applicable” designation in the table of results.

## **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.

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.

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 Non-Risk Adjusted 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. Confidence intervals for the hybrid measures have also been calculated to take account of the complex sampling design and weighting using SAS survey.

## **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.

## Risk Adjustment

Results for measures calculated at the medical group level are also risk adjusted by primary payer type. Similar to results for the optimal diabetes care and optimal vascular care measures, the risk-adjusted results assume that all medical groups have the same distribution of patients by primary payer type (commercial, Medicare, and MN health care programs/uninsured) and multiplies their actual result for each product type by the statewide distribution of patients by product type. The calculation of confidence intervals for risk adjusted rates uses a similar methodology as described above for the calculation of non-risk adjusted rates. However, a weighted average of the variance for the different payer categories is used in the confidence interval calculation.\*

Similar to optimal diabetes and optimal vascular care, when a medical group has less than 10 patients in a payer category, the statewide rate is incorporated into the payer category rate in proportion to the number of patients under 10 in a payer category. For example, if a medical group has 6 Medicare patients, 60% of the Medicare rate for the medical group would be based on the medical group's data and 40% would be based on the statewide average for Medicare payers. This adjustment is made to address issues with small sample sizes. Not all measures in these categories apply to each primary product type; the risk adjustment methodology accounts for these variations across measures.

## Limitations

The physician clinics identified in this report do not represent all medical groups in Minnesota. MDH is aligning with MNMCM's 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.

Finally, while MDH is reporting these medical group level results at the clinic level, readers should be aware that these results reflect the performance of the entire medical group with which the clinic is affiliated rather than only that clinic's performance. MDH chose to report these results at the clinic level in order to present information in a more consumer-friendly manner.

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.

\* Curtin, LR and RJ Klein. "Direct Standardization (Age-Adjusted Death Rates)." Centers for Disease Control and Prevention and National Center for Health Statistics. Healthy People 2000 Statistical Notes No. 6. 1995.



# Appendix 2: Hospital Measures

GUIDE TO UNDERSTANDING THE DETAILED MEASURE RESULT DATA .....	204
QUALITY OF CARE FOR HEART CONDITIONS MEASURE RESULT DATA .....	206
QUALITY OF CARE FOR HEART SURGERIES MEASURE RESULT DATA .....	210
QUALITY OF CARE FOR OTHER SURGERIES MEASURE RESULT DATA .....	213
QUALITY OF CARE FOR MEDICAL COMPLICATIONS MEASURE RESULT DATA ...	221
QUALITY OF INFECTION PREVENTION MEASURE RESULT DATA .....	224
QUALITY OF CARE FOR OTHER CONDITIONS MEASURE RESULT DATA .....	228
METHODS .....	235

The following section provides more information about the measures outlined in this report. Additional data elements are included in the following detailed tables. These elements vary depending on the measure and the data source. The methods section provides more information on the data source and calculation for the various measures.

## GUIDE TO UNDERSTANDING THE DETAILED MEASURE RESULT DATA

### HOSPITAL COMPARE AND APPROPRIATE CARE MEASURES

**Rate:**

Reports the percentage calculated when the numerator is divided by the denominator. The denominator is the sum of all the eligible cases submitted. The numerator is the sum of all eligible cases submitted where recommended care was provided.

**Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

### AGENCY FOR HEALTHCARE RESEARCH AND QUALITY (AHRO) MEASURES

**Number of Operations:**

Reports the total number of measure specified surgeries performed at the hospital (for example, the total volume of heart bypass surgeries).

**Numerator:**

Reports the sum of all eligible cases meeting the targets for the procedure or complication in the measure (for example, the number of patients with bed sores).

**Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

**Observed Rate:**

Reports the value when the numerator is divided by the denominator prior to any risk adjustment.

**Expected Rate:**

Reports the rate expected from the hospital based on the performance of other similar hospitals around the country. This calculation takes severity of patient illness into account.

**When Compared to Expected Rate:**

Reports whether the results were significantly different from the hospital's expected performance, compared to other similar hospitals around the country. This is calculated by comparing the confidence interval of the risk adjusted rate (see below) with the expected rate. NOTE: The Observed Tearing Vaginal Delivery with or without Medical Instruments (PSI 18 and PSI 19) measures are not risk adjusted; therefore, the value of the confidence interval of the observed rate is compared with the expected rate. The expected rate is considered significantly different when it is higher or lower than the confidence interval range. If it is within the confidence interval range, the expected rate is not considered significantly different from the risk adjusted rate. In this case, the hospital's performance is considered average or the SAME as expected. If the expected rate is higher, the hospital is performing BETTER than expected. If the expected rate is lower, the hospital is performing WORSE than expected.

**Risk Adjusted Rate:**

Reports the hospital's performance rate when adjusted to an average case-mix. This case-mix takes the severity of patient illness into account.

**Confidence Interval of Risk Adjusted Rate:**

Reports the margin of error for the risk adjusted rate. Confidence intervals are a range of values which demonstrate the degree of certainty associated with the estimated rate. This range takes into account potential variance in the rate if different patients were included in the sample.

## HEALTHCARE-ASSOCIATED INFECTION MEASURES

### ***Central Line Infection Prevention and Ventilator Associated Pneumonia Measures***

#### **Rate:**

Reports the percentage calculated when the numerator is divided by the denominator. The denominator is the sum of all the eligible cases submitted. The numerator is the sum of all eligible cases submitted where recommended care was provided.

#### **Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

### ***Vaginal Hysterectomy Surgical Site Infection Measure Risk Level 0 and Risk Level 1,2,3***

#### **Numerator:**

Reports the sum of surgical site infections for each risk level category (i.e. Risk Level 0 or Risk Level 1,2,3).

#### **Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

#### **Infection Rate:**

Reports the value when the numerator is divided by the denominator prior to any risk adjustment.

### ***Risk Level Combined 0,1,2,3***

#### **Numerator:**

Reports the sum of vaginal hysterectomy surgical site infections for all risk levels.

#### **Sample Size:**

Reports the number of patients meeting the criteria for inclusion in the measure and for whom data was submitted. This column is the denominator number used to calculate the rate.

#### **Infection Rate:**

Reports the percentage when the numerator is divided by the denominator prior to any risk-adjustment.

#### **Confidence Interval of Combined Rate:**

Reports the margin of error for the risk adjusted rate. Confidence intervals are a range of values which demonstrate the degree of certainty associated with the estimated rate. This range takes into account potential variance in the rate if different patients were included in the sample.

#### **Expected Rate:**

Reports the rate of the hospital when compared to the state average. This rate is adjusted for patient severity of illness and takes both risk categories into account.

#### **When Compared to Expected Rate:**

Reports whether the results were significantly different from the hospital's expected performance, compared to other Minnesota hospitals. This is calculated by comparing the confidence interval of the combined rate with the expected rate. The difference between the expected rate and the infection rate are considered significant when the expected rate is higher or lower than the confidence interval range. If the expected rate is within the confidence interval of the combined rate, it is not significantly different from the infection rate. In this case the hospital's performance is considered average or the SAME as expected. If the expected rate is higher, the hospital is performing BETTER than expected. If the expected rate is lower, the hospital is performing WORSE than expected.

# Quality of Care for Heart Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Attack												Heart Failure															
	The Right Care for Heart Attack Patients (AMI-ACM)		Aspirin Given When the Patient Arrived at the Hospital (AMI-1)		Aspirin Given When the Patient was Released from the Hospital (AMI-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (AMI-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (AMI-4)		Patients Given Beta Blocker Prescription When Released from the Hospital (AMI-5)		Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival (AMI-7a)		Patients Given PCI Within 90 Minutes of Hospital Arrival (AMI-8a)		The Right Care for Heart Failure Patients (HF-ACM)		Patients Given Instructions When Released from the Hospital (HF-1)		Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released (HF-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (HF-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (HF-4)			
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	97%		95%		93%		94%		90%		90%	*	94%		83%		70%		83%		86%		83%					
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	78%	95	70%	53	95%	95	*	*	*	*	*	*	*	*
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	94%	106	94%	72	99%	106	*	*	*	*	*	*	*	*
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	96%	26	*	*	*	*	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	81%	100	70%	64	100%	100	100%	25	*	*	*	*	*	*
Fairview Red Wing Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	97%	64	96%	45	100%	64	*	*	*	*	*	*	*	*
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	69%	26	*	*	96%	26	*	*	*	*	*	*	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	88%	57	83%	41	100%	57	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Heart Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Attack												Heart Failure													
	The Right Care for Heart Attack Patients (AMI-ACM)		Aspirin Given When the Patient Arrived at the Hospital (AMI-1)		Aspirin Given When the Patient was Released from the Hospital (AMI-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (AMI-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (AMI-4)		Patients Given Beta Blocker Prescription When Released from the Hospital (AMI-5)		Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival (AMI-7a)		Patients Given PCI Within 90 Minutes of Hospital Arrival (AMI-8a)		The Right Care for Heart Failure Patients (HF-ACM)		Patients Given Instructions When Released from the Hospital (HF-1)		Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released (HF-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (HF-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (HF-4)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	97%		95%		93%		94%		90%		90%		*		94%		83%		70%		83%		86%		83%	
Immanuel-St Josephs: Mayo Health System - Mankato	100%	213	100%	123	100%	202	100%	40	100%	46	100%	192	*	*	100%	25	91%	183	90%	129	97%	183	100%	48	*	*
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	32%	31	*	*	74%	31	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	97%	57	94%	35	100%	56	*	*	*	*
Northfield Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	69%	81	62%	55	98%	80	*	*	*	*
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Heart Conditions

See page 89 for an explanation of terms.

HOSPITAL NAME	Heart Attack												Heart Failure															
	The Right Care for Heart Attack Patients (AMI-ACM)		Aspirin Given When the Patient Arrived at the Hospital (AMI-1)		Aspirin Given When the Patient was Released from the Hospital (AMI-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (AMI-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (AMI-4)		Patients Given Beta Blocker Prescription When Released from the Hospital (AMI-5)		Patients Given Fibrinolytic Medication Within 30 Minutes of Hospital Arrival (AMI-7a)		Patients Given PCI Within 90 Minutes of Hospital Arrival (AMI-8a)		The Right Care for Heart Failure Patients (HF-ACM)		Patients Given Instructions When Released from the Hospital (HF-1)		Patients Given Evaluation of Left Ventricular Systolic (LVS) Function While in the Hospital or Scheduled for After the Patient was Released (HF-2)		Patients Given ACE Inhibitor or ARB Prescription for Left Ventricular Systolic Dysfunction (LVSD) When Released from the Hospital (HF-3)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (HF-4)			
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	97%		95%		93%		94%		90%		90%	*	94%		83%		70%		83%		86%		83%					
Owatonna Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	96%	69	95%	42	97%	69	*	*	*	*	*	*	*	*
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	*	*	*	*	*	*	*	78%	69	88%	48	90%	68	*	*	*	*	*	*	*	*
Rice Memorial Hospital - Willmar	*	*	*	*	*	*	*	*	*	*	*	*	*	*	84%	89	82%	50	97%	89	92%	26	*	*	*	*	*	*
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Hospital Luverne	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	62%	37	85%	26	76%	37	*	*	*	*	*	*	*	*
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.



# Quality of Care for Heart Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Attack										Heart Failure														
	THE RIGHT CARE FOR HEART ATTACK PATIENTS (AMI-ACM)	ASPIRIN GIVEN WHEN THE PATIENT ARRIVED AT THE HOSPITAL (AMI-1)	ASPIRIN GIVEN WHEN THE PATIENT WAS RELEASED FROM THE HOSPITAL (AMI-2)	PATIENTS GIVEN ACE INHIBITOR OR ARB PRESCRIPTION FOR LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (LVSD) WHEN RELEASED FROM THE HOSPITAL (AMI-3)	PATIENTS GIVEN ADVICE OR COUNSELING ABOUT QUITTING SMOKING WHILE IN THE HOSPITAL (AMI-4)	PATIENTS GIVEN BETA BLOCKER PRESCRIPTION WHEN RELEASED FROM THE HOSPITAL (AMI-5)	PATIENTS GIVEN FIBRINOLYTIC MEDICATION WITHIN 30 MINUTES OF HOSPITAL ARRIVAL (AMI-7a)	PATIENTS GIVEN PCI WITHIN 90 MINUTES OF HOSPITAL ARRIVAL (AMI-8a)	THE RIGHT CARE FOR HEART FAILURE PATIENTS (HF-ACM)	PATIENTS GIVEN INSTRUCTIONS WHEN RELEASED FROM THE HOSPITAL (HF-1)	PATIENTS GIVEN EVALUATION OF LEFT VENTRICULAR SYSTOLIC (LVS) FUNCTION WHILE IN THE HOSPITAL OR SCHEDULED FOR AFTER THE PATIENT WAS RELEASED (HF-2)	PATIENTS GIVEN ACE INHIBITOR OR ARB PRESCRIPTION FOR LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (LVSD) WHEN RELEASED FROM THE HOSPITAL (HF-3)	PATIENTS GIVEN ADVICE OR COUNSELING ABOUT QUITTING SMOKING WHILE IN THE HOSPITAL (HF-4)												
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE					
<b>Overall Minnesota Average</b>	97%		95%		93%		94%		90%		90%	*	94%		83%		70%		83%		86%		83%		
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	99%	257	100%	92	99%	227	100%	44	100%	65	100%	223	*	*	91%	263	89%	217	100%	263	96%	80	100%	32	
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	90%	31	93%	30	*	*	*	*	*	*	*	*	*	*	98%	97	100%	55	98%	97	*	*	*	*	

\* Sufficient data not available.

# Quality of Care for Heart Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Bypass Surgery								Angioplasty Heart Surgery							
	IQI-5	IQI-12							IQI-6	IQI-30						
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairview Red Wing Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Immanuel-St Josephs: Mayo Health System - Mankato	*	*	*	*	*	*	*	*	272	3	262	1.00%	1.70%	SAME	0.90%	0.00-2.20%
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Heart Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Bypass Surgery								Angioplasty Heart Surgery							
	IQI-5	IQI-12							IQI-6	IQI-30						
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Northfield Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Owatonna Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice Memorial Hospital - Willmar	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Heart Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Heart Bypass Surgery								Angioplasty Heart Surgery							
	IQI-5	IQI-12							IQI-6	IQI-30						
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Sanford Hospital Luverne	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	813	21	808	2.60%	3.50%	BETTER	2.20%	1.20-3.20%	1289	22	1270	2.00%	2.10%	BETTER	1.20%	0.70-1.60%
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Other Surgeries

See page 204 & 205 for an explanation of terms.

HOSPITAL NAME	Surgical Repair of an Abdominal Aortic Aneurysm								Vaginal Hysterectomy Surgical Site Infection											
	IQI-4	IQI-11							RISK LEVEL 0			RISK LEVEL 1, 2, 3			COMBINED RISK LEVEL 0, 1, 2, 3					
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Confidence Interval	Expected Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>									0.99%			1.65%								
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	0	65	0.00%	0	25	0.00%	0	90	0.00%	0.00%-4.10%	1.17%	SAME
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	0	6	0.00%	0	20	0.00%	0	26	0.00%	0.00%-14.19%	1.49%	SAME
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairview Red Wing Hospital	*	*	*	*	*	*	*	*	1	58	1.72%	0	19	0.00%	1	77	1.30%	0.03%-7.24%	1.15%	SAME
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Immanuel-St Josephs: Mayo Health System - Mankato	*	*	*	*	*	*	*	*	0	59	0.00%	0	19	0.00%	0	78	0.00%	0.00%-4.73%	1.15%	SAME
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Other Surgeries

See page 204 & 205 for an explanation of terms.

HOSPITAL NAME	Surgical Repair of an Abdominal Aortic Aneurysm								Vaginal Hysterectomy Surgical Site Infection											
	IQI-4	IQI-11							RISK LEVEL 0			RISK LEVEL 1, 2, 3			COMBINED RISK LEVEL 0, 1, 2, 3					
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Confidence Interval	Expected Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>									0.99%			1.65%								
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	*	3	282	1.06%	3	203	1.48%	6	485	1.24%	0.45%-2.69%	1.26%	SAME
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Northfield Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	*	1	43	2.33%	2	21	9.52%	3	64	4.69%	0.97%-13.70%	1.21%	SAME
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Owatonna Hospital	*	*	*	*	*	*	*	*	0	53	0.00%	0	8	0.00%	0	61	0.00%	0.00%-6.05%	1.08%	SAME
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Other Surgeries

See page 204 & 205 for an explanation of terms.

HOSPITAL NAME	Surgical Repair of an Abdominal Aortic Aneurysm								Vaginal Hysterectomy Surgical Site Infection											
	IQI-4	IQI-11							RISK LEVEL 0			RISK LEVEL 1, 2, 3			COMBINED RISK LEVEL 0, 1, 2, 3					
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Confidence Interval	Expected Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>									0.99%			1.65%								
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice Memorial Hospital - Willmar	*	*	*	*	*	*	*	*	0	56	0.00%	0	9	0.00%	0	65	0.00%	0.00%-5.68%	1.08%	AVERAGE
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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 - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	230	4	229	2.00%	5.50%	BETTER	1.60%	0.00-3.90%	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available or procedure is not performed at hospital.

# Quality of Care for Other Surgeries

See page 204 & 205 for an explanation of terms.

HOSPITAL NAME	Surgical Repair of an Abdominal Aortic Aneurysm								Vaginal Hysterectomy Sugical Site Infection											
	IQI-4	IQI-11							RISK LEVEL 0			RISK LEVEL 1, 2, 3			COMBINED RISK LEVEL 0, 1, 2, 3					
	Number of Operations	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Numerator	Sample Size	Infection Rate	Confidence Interval	Expected Rate	When Compared to Expected Rate
<b>Overall Minnesota Average</b>									0.99%			1.65%								
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	*	*	*	*	*	*	*	*	0	44	0.00%	0	11	0.00%	0	55	0.00%	0.00%-6.71%	1.12%	SAME

\* Sufficient data not available or procedure is not performed at hospital.



# Quality of Care for Other Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Preventing Blood Clots After Certain Types of Surgeries			
	Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries (SCIP-VTE1)		Surgery Patients Who Received Treatment at the Right Time to Prevent Blood Clots After Certain Types of Surgery (SCIP-VTE2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>86%</b>	
Albert Lea Medical Center: Mayo Health System	97%	139	97%	138
Appleton Municipal Hospital and Nursing Home	*	*	*	*
Austin Medical Center: Mayo Health System	98%	123	96%	123
Avera Marshall Regional Medical Center - Marshall	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*
Fairmont Medical Center: Mayo Health System	97%	59	97%	59
Fairview Red Wing Hospital	98%	41	98%	41
Glencoe Regional Health Services	*	*	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*
Hutchinson Community Hospital	96%	89	96%	89
Immanuel-St Josephs: Mayo Health System - Mankato	93%	227	91%	227
Johnson Memorial Hospital - Dawson	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Other Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Preventing Blood Clots After Certain Types of Surgeries			
	Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries (SCIP-VTE1)		Surgery Patients Who Received Treatment at the Right Time to Prevent Blood Clots After Certain Types of Surgery (SCIP-VTE2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>86%</b>	
Lake City Medical Center: Mayo Health System	*	*	*	*
Madelia Community Hospital	*	*	*	*
Madison Hospital	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	100%	213	99%	213
Minnesota Valley Health Center - Le Sueur	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*
New Ulm Medical Center	95%	42	93%	42
Northfield Hospital	86%	49	82%	49
Olmsted Medical Center - Rochester	94%	87	94%	87
Ortonville Area Health Services	*	*	*	*
Owatonna Hospital	86%	37	86%	37
Pipestone County Medical Center: Avera	*	*	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Other Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Preventing Blood Clots After Certain Types of Surgeries			
	Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries (SCIP-VTE1)		Surgery Patients Who Received Treatment at the Right Time to Prevent Blood Clots After Certain Types of Surgery (SCIP-VTE2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>86%</b>	
Rice County District One Hospital - Faribault	87%	71	87%	71
Rice Memorial Hospital - Willmar	94%	98	90%	98
River's Edge Hospital & Clinic - St. Peter	*	*	*	*
Sanford Canby Medical Center	*	*	*	*
Sanford Hospital Luverne	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*
Sanford Regional Hospital Worthington	88%	26	*	*
Sanford Tracy Medical Center	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	100%	224	99%	224

\* Sufficient data not available.

# Quality of Care for Other Surgeries

See page 204 for an explanation of terms.

HOSPITAL NAME	Preventing Blood Clots After Certain Types of Surgeries			
	Surgery Patients Whose Doctors Ordered Treatment to Prevent Blood Clots After Certain Types of Surgeries (SCIP-VTE1)		Surgery Patients Who Received Treatment at the Right Time to Prevent Blood Clots After Certain Types of Surgery (SCIP-VTE2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>86%</b>	
Swift County Benson Hospital	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*
Windom Area Hospital	*	*	*	*
Winona Health Services	95%	81	95%	81

\* Sufficient data not available.

# Quality of Care for Medical Complications

See page 204 for an explanation of terms.

## HOSPITAL NAME

HOSPITAL NAME	Number of Deaths from Failure to Identify and Treat a Serious Complication							Number of Patients with Bed Sores						Number of Blood Clots in Lung or Large Vein After an Operation							
	PSI-4							PSI-3						PSI-12							
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Albert Lea Medical Center: Mayo Health System	*	*	*	*	*	*	*	2	358	0.56%	1.89%	SAME	0.54%	0.00-1.94%	1	727	0.14%	0.97%	BETTER	0.14%	0.00-0.89%
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	*	*	*	3	870	0.34%	1.74%	BETTER	0.34%	0.00-1.27%	5	452	1.11%	0.98%	SAME	1.13%	0.19-2.08%
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	2	212	0.94%	1.73%	SAME	0.97%	0.00-2.86%	1	172	0.58%	1.01%	SAME	0.58%	0.00-2.09%
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	0	36	0.00%	1.76%	SAME	0.00%	0.00-4.58%	0	29	0.00%	0.97%	SAME	0.00%	0.00-3.75%
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	0	168	0.00%	1.76%	SAME	0.00%	0.00-2.12%	0	169	0.00%	1.02%	SAME	0.00%	0.00-1.52%
Fairmont Medical Center: Mayo Health System	*	*	*	*	*	*	*	1	489	0.20%	1.80%	BETTER	0.20%	0.00-1.43%	6	465	1.29%	0.99%	SAME	1.32%	0.39-2.25%
Fairview Red Wing Hospital	0	25	0.00%	9.65%	SAME	0.00%	0.00-14.33%	0	214	0.00%	1.82%	BETTER	0.00%	0.00-1.81%	3	585	0.51%	0.98%	SAME	0.53%	0.00-1.36%
Glencoe Regional Health Services	*	*	*	*	*	*	*	0	106	0.00%	1.79%	SAME	0.00%	0.00-2.63%	0	203	0.00%	1.00%	SAME	0.00%	0.00-1.40%
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	0	94	0.00%	1.74%	SAME	0.00%	0.00-2.86%	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	*	*	*	1	481	0.21%	1.75%	BETTER	0.22%	0.00-1.46%	4	560	0.71%	0.99%	SAME	0.73%	0.00-1.58%
Immanuel-St Josephs: Mayo Health System - Mankato	5	85	5.88%	12.18%	SAME	6.09%	0.00-13.07%	10	2085	0.48%	1.82%	BETTER	0.48%	0.00-1.07%	19	3213	0.59%	0.98%	BETTER	0.61%	0.26-0.97%
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	0	60	0.00%	1.79%	SAME	0.00%	0.00-3.51%	0	78	0.00%	1.05%	SAME	0.00%	0.00-2.20%
Madelia Community Hospital	*	*	*	*	*	*	*	0	31	0.00%	1.77%	SAME	0.00%	0.00-4.90%	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Medical Complications

See page 204 for an explanation of terms.

HOSPITAL NAME	Number of Deaths from Failure to Identify and Treat a Serious Complication							Number of Patients with Bed Sores						Number of Blood Clots in Lung or Large Vein After an Operation							
	PSI-4							PSI-3						PSI-12							
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Madison Hospital	*	*	*	*	*	*	*	0	87	0.00%	1.70%	SAME	0.00%	0.00-2.99%	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	1	177	0.56%	1.80%	SAME	0.55%	0.00-2.59%	0	129	0.00%	0.99%	SAME	0.00%	0.00-1.76%
Methodist Hospital: Mayo Clinic - Rochester	18	256	7.03%	13.08%	BETTER	6.78%	2.97-10.59%	4	3426	0.12%	1.82%	BETTER	0.12%	0.00-0.57%	41	10281	0.40%	1.02%	BETTER	0.40%	0.20-0.59%
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	0	46	0.00%	1.79%	SAME	0.00%	0.00-4.01%	0	71	0.00%	1.01%	SAME	0.00%	0.00-2.35%
New Ulm Medical Center	*	*	*	*	*	*	*	0	287	0.00%	1.81%	BETTER	0.00%	0.00-1.57%	0	364	0.00%	1.03%	BETTER	0.00%	0.00-1.02%
Northfield Hospital	*	*	*	*	*	*	*	0	94	0.00%	1.78%	SAME	0.00%	0.00-2.77%	0	354	0.00%	0.95%	SAME	0.00%	0.00-1.08%
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	0	147	0.00%	1.78%	SAME	0.00%	0.00-2.24%	2	573	0.35%	0.94%	SAME	0.37%	0.00-1.22%
Ortonville Area Health Services	*	*	*	*	*	*	*	0	73	0.00%	1.73%	SAME	0.00%	0.00-3.23%	0	25	0.00%	0.93%	SAME	0.00%	0.00-4.11%
Owatonna Hospital	*	*	*	*	*	*	*	4	227	1.76%	1.73%	SAME	1.79%	0.00-3.62%	4	521	0.77%	0.97%	SAME	0.79%	0.00-1.67%
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	1	81	1.23%	1.75%	SAME	1.29%	0.00-4.34%	1	154	0.65%	0.95%	SAME	0.70%	0.00-2.34%
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	0	92	0.00%	1.81%	SAME	0.00%	0.00-2.82%	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	0	36	0.00%	1.79%	SAME	0.00%	0.00-4.53%	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	*	*	*	*	*	*	*	0	223	0.00%	1.87%	BETTER	0.00%	0.00-1.79%	0	333	0.00%	0.98%	SAME	0.00%	0.00-1.10%
Rice Memorial Hospital - Willmar	3	28	10.71%	11.43%	SAME	11.83%	0.00-24.24%	0	644	0.00%	1.76%	BETTER	0.00%	0.00-1.07%	3	777	0.39%	1.02%	SAME	0.39%	0.00-1.09%
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	0	103	0.00%	1.73%	SAME	0.00%	0.00-2.73%	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	0	147	0.00%	1.76%	SAME	0.00%	0.00-2.26%	0	53	0.00%	1.02%	SAME	0.00%	0.00-2.70%

\* Sufficient data not available.

# Quality of Care for Medical Complications

See page 204 for an explanation of terms.

HOSPITAL NAME	Number of Deaths from Failure to Identify and Treat a Serious Complication							Number of Patients with Bed Sores							Number of Blood Clots in Lung or Large Vein After an Operation						
	PSI-4							PSI-3							PSI-12						
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate
Sanford Hospital Luverne	*	*	*	*	*	*	*	0	73	0.00%	1.72%	SAME	0.00%	0.00-3.25%	0	36	0.00%	0.98%	SAME	0.00%	0.00-3.35%
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	0	251	0.00%	1.70%	SAME	0.00%	0.00-1.74%	0	176	0.00%	0.96%	SAME	0.00%	0.00-1.53%
Sanford Tracy Medical Center	*	*	*	*	*	*	*	0	55	0.00%	1.73%	SAME	0.00%	0.00-3.75%	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	0	78	0.00%	1.72%	SAME	0.00%	0.00-3.15%	0	28	0.00%	0.97%	SAME	0.00%	0.00-3.81%
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	2	53	3.77%	1.76%	SAME	3.81%	0.05-7.57%	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	0	84	0.00%	1.79%	SAME	0.00%	0.00-2.97%	0	51	0.00%	0.99%	SAME	0.00%	0.00-2.79%
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	0	30	0.00%	1.74%	SAME	0.00%	0.00-5.05%	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	95	841	11.30%	14.14%	BETTER	10.08%	8.06-12.10%	15	10442	0.14%	1.83%	BETTER	0.14%	0.00-0.40%	132	16359	0.81%	1.06%	BETTER	0.78%	0.63-0.93%
Swift County Benson Hospital	*	*	*	*	*	*	*	0	45	0.00%	1.74%	SAME	0.00%	0.00-4.10%	0	35	0.00%	1.00%	SAME	0.00%	0.00-3.36%
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	1 <sup>†</sup>	37 <sup>†</sup>	2.70% <sup>†</sup>	1.75% <sup>†</sup>	SAME <sup>†</sup>	2.81% <sup>†</sup>	0.00-7.36% <sup>†</sup>	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	0	89	0.00%	1.73%	SAME	0.00%	0.00-2.93%	0	58	0.00%	1.00%	SAME	0.00%	0.00-2.61%
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	0	59	0.00%	1.82%	SAME	0.00%	0.00-3.53%	*	*	*	*	*	*	*
Winona Health Services	*	*	*	*	*	*	*	0	612	0.00%	1.74%	BETTER	0.00%	0.00-1.10%	4	338	1.18%	0.98%	SAME	1.23%	0.14-2.31%

\* Sufficient data not available.

† Comment from Tyler Healthcare Center: The decubitus ulcer was present on admission

# Quality of Infection Prevention

See page 204 & 205 for an explanation of terms.

## HOSPITAL NAME

HOSPITAL NAME	Infection Prevention															
	Central Line Infection (CLI) Prevention		Ventilator Associated Pneumonia (VAP) Prevention		Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection (SCIP-INF-1)		Surgery Patients Given the Best Antibiotic to Help Prevent Infection (SCIP-INF-2)		Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time (SCIP-INF-3)		All Heart Surgery Patients Whose Blood Sugar is Kept Under Good Control Right After Surgery (SCIP-INF-4)		Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method (SCIP-INF-6)		Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period (SCIP-CARD-2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>96%</b>		<b>86%</b>		<b>94%</b>		<b>94%</b>		<b>87%</b>		<b>96%</b>		<b>87%</b>	
Albert Lea Medical Center: Mayo Health System	*	*	*	*	98%	264	100%	272	98%	257	*	*	100%	333	96%	67
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	*	*	*	*	100%	146	99%	148	95%	142	*	*	100%	191	93%	60
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	88%	56	96%	56	93%	56	*	*	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fairmont Medical Center: Mayo Health System	*	*	*	*	94%	163	98%	164	97%	158	*	*	100%	228	100%	64
Fairview Red Wing Hospital	*	*	*	*	99%	178	100%	178	95%	171	*	*	100%	225	100%	49
Glencoe Regional Health Services	*	*	*	*	91%	81	91%	81	96%	81	*	*	100%	89	*	*
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	*	*	*	*	91%	199	97%	203	97%	193	*	*	100%	267	97%	58
Immanuel-St Josephs: Mayo Health System - Mankato	98%	187	100%	137	97%	276	98%	276	96%	269	*	*	99%	555	95%	125
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.



# Quality of Infection Prevention

See page 204 & 205 for an explanation of terms.

## HOSPITAL NAME

HOSPITAL NAME	Infection Prevention															
	Central Line Infection (CLI) Prevention		Ventilator Associated Pneumonia (VAP) Prevention		Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection (SCIP-INF-1)		Surgery Patients Given the Best Antibiotic to Help Prevent Infection (SCIP-INF-2)		Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time (SCIP-INF-3)		All Heart Surgery Patients Whose Blood Sugar is Kept Under Good Control Right After Surgery (SCIP-INF-4)		Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method (SCIP-INF-6)		Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period (SCIP-CARD-2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>96%</b>		<b>86%</b>		<b>94%</b>		<b>94%</b>		<b>87%</b>		<b>96%</b>		<b>87%</b>	
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	78%	170	99%	563	98%	353	99%	353	97%	345	*	*	99%	578	93%	107
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	89%	46	100%	46	98%	46	*	*	77%	52	*	*
New Ulm Medical Center	*	*	*	*	98%	104	100%	104	95%	101	*	*	100%	162	100%	53
Northfield Hospital	*	*	*	*	94%	130	99%	129	95%	126	*	*	99%	165	93%	42
Olmsted Medical Center - Rochester	*	*	*	*	92%	274	99%	272	97%	270	*	*	100%	309	100%	71
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Owatonna Hospital	*	*	*	*	93%	229	99%	227	97%	219	*	*	100%	267	97%	76
Pipestone County Medical Center: Avera	*	*	*	*	92%	36	100%	35	97%	35	*	*	95%	43	*	*
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Infection Prevention

See page 204 & 205 for an explanation of terms.

## HOSPITAL NAME

HOSPITAL NAME	Infection Prevention															
	Central Line Infection (CL) Prevention		Ventilator Associated Pneumonia (VAP) Prevention		Surgery Patients Given an Antibiotic Within an Hour Before Surgery to Help Prevent Infection (SCIP-INF-1)		Surgery Patients Given the Best Antibiotic to Help Prevent Infection (SCIP-INF-2)		Surgery Patients Whose Preventive Antibiotics Were Stopped at the Right Time (SCIP-INF-3)		All Heart Surgery Patients Whose Blood Sugar is Kept Under Good Control Right After Surgery (SCIP-INF-4)		Surgery Patients Needing Hair Removed Before Surgery Using a Safer Method (SCIP-INF-6)		Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who Received a Beta-Blocker During the Perioperative Period (SCIP-CARD-2)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>87%</b>		<b>96%</b>		<b>86%</b>		<b>94%</b>		<b>94%</b>		<b>87%</b>		<b>96%</b>		<b>87%</b>	
Rice County District One Hospital - Faribault	*	*	*	*	90%	157	98%	157	91%	154	*	*	100%	169	98%	48
Rice Memorial Hospital - Willmar	0%	43	88%	32	84%	207	98%	200	95%	196	*	*	100%	279	96%	52
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Hospital Luverne	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	90%	91	98%	91	93%	91	*	*	99%	107	*	*
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	92%	25	100%	25	88%	25	*	*	100%	27	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	94%	178	98%	4191	96%	323	97%	344	95%	312	90%	199	99%	669	95%	205

\* Sufficient data not available.



# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Pneumonia Care													
	The Best Care for Pneumonia Patients (PN-ACM)		Patients Assessed and Given Pneumonia Vaccination (PN-2)		Blood Test Given to Patient Prior to Receiving Antibiotics (PN-3b)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (PN-4)		Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital (PN-5c)		Patients Given the Most Appropriate Initial Antibiotic(s) (PN-6)		Patients Assessed and Given Influenza Vaccination (PN-7)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>85%</b>		<b>83%</b>		<b>91%</b>		<b>84%</b>		<b>93%</b>		<b>87%</b>		<b>83%</b>	
Albert Lea Medical Center: Mayo Health System	91%	125	98%	95	100%	69	*	*	96%	90	89%	44	98%	60
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	93%	226	98%	176	99%	167	97%	30	97%	156	94%	120	97%	96
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	*	100%	28	*	*	*	*
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	39%	26	*	*	*	*	*	*	*	*	*	*	*	*
Fairmont Medical Center: Mayo Health System	98%	177	100%	126	100%	107	93%	30	100%	136	98%	86	99%	86
Fairview Red Wing Hospital	93%	95	96%	57	98%	55	*	*	97%	67	98%	46	92%	38
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Granite Falls Municipal Hospital and Manor	64%	44	84%	38	*	*	*	*	91%	33	*	*	85%	26
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	84%	76	93%	55	96%	52	*	*	100%	57	88%	49	100%	38
Immanuel-St Josephs: Mayo Health System - Mankato	85%	217	92%	156	93%	109	100%	40	89%	123	90%	77	96%	113
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Pneumonia Care													
	The Best Care for Pneumonia Patients (PN-ACM)		Patients Assessed and Given Pneumonia Vaccination (PN-2)		Blood Test Given to Patient Prior to Receiving Antibiotics (PN-3b)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (PN-4)		Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital (PN-5c)		Patients Given the Most Appropriate Initial Antibiotic(s) (PN-6)		Patients Assessed and Given Influenza Vaccination (PN-7)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>85%</b>		<b>83%</b>		<b>91%</b>		<b>84%</b>		<b>93%</b>		<b>87%</b>		<b>83%</b>	
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Madison Hospital	36%	25	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Methodist Hospital: Mayo Clinic - Rochester	92%	60	93%	43	*	*	*	*	*	*	*	*	62%	37
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	95%	77	98%	59	98%	50	*	*	98%	50	97%	37	100%	38
Northfield Hospital	92%	71	92%	51	100%	30	*	*	98%	51	100%	38	93%	27
Olmsted Medical Center - Rochester	62%	47	85%	34	84%	32	*	*	88%	33	81%	31	*	*
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Owatonna Hospital	88%	89	98%	66	*	*	*	*	93%	61	93%	54	98%	54
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Redwood Area Hospital - Redwood Falls	89%	28	*	*	*	*	*	*	*	*	*	*	*	*
Renville County Hospital And Clinics - Olivia	56%	25	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.

# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Pneumonia Care													
	The Best Care for Pneumonia Patients (PN-ACM)		Patients Assessed and Given Pneumonia Vaccination (PN-2)		Blood Test Given to Patient Prior to Receiving Antibiotics (PN-3b)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (PN-4)		Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital (PN-5c)		Patients Given the Most Appropriate Initial Antibiotic(s) (PN-6)		Patients Assessed and Given Influenza Vaccination (PN-7)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>85%</b>		<b>83%</b>		<b>91%</b>		<b>84%</b>		<b>93%</b>		<b>87%</b>		<b>83%</b>	
Rice County District One Hospital - Faribault	86%	111	95%	81	95%	64	*	*	100%	79	83%	60	97%	64
Rice Memorial Hospital - Willmar	94%	161	97%	118	99%	77	*	*	99%	103	95%	59	96%	75
River's Edge Hospital & Clinic - St. Peter	89%	46	94%	31	97%	31	*	*	100%	38	96%	27	88%	25
Sanford Canby Medical Center	81%	26	80%	25	*	*	*	*	*	*	*	*	*	*
Sanford Hospital Luverne	86%	42	94%	35	*	*	*	*	91%	34	*	*	97%	30
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	76%	42	84%	32	*	*	*	*	96%	25	*	*	*	*
Sanford Tracy Medical Center	88%	25	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	55%	42	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	79%	29	81%	27	*	*	*	*	*	*	*	*	*	*
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	83%	169	91%	120	84%	51	97%	35	90%	71	91%	33	67%	83

\* Sufficient data not available.

# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Pneumonia Care													
	The Best Care for Pneumonia Patients (PN-ACM)		Patients Assessed and Given Pneumonia Vaccination (PN-2)		Blood Test Given to Patient Prior to Receiving Antibiotics (PN-3b)		Patients Given Advice or Counseling About Quitting Smoking While in the Hospital (PN-4)		Patients Given Initial Antibiotic(s) Within 6 Hours After Getting to the Hospital (PN-5c)		Patients Given the Most Appropriate Initial Antibiotic(s) (PN-6)		Patients Assessed and Given Influenza Vaccination (PN-7)	
	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE	RATE	SAMPLE SIZE
<b>Overall Minnesota Average</b>	<b>85%</b>		<b>83%</b>		<b>91%</b>		<b>84%</b>		<b>93%</b>		<b>87%</b>		<b>83%</b>	
Swift County Benson Hospital	47%	36	61%	28	*	*	*	*	93%	28	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	93%	42	95%	37	96%	28	*	*	100%	28	*	*	92%	25
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winona Health Services	92%	160	100%	120	97%	116	100%	32	99%	113	86%	66	100%	71

\* Sufficient data not available.

# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

## HOSPITAL NAME

HOSPITAL NAME	Death Rate for Patients with a Broken Hip							Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments						Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments					
	IQI-19							PSI-18						PSI-19					
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate
Albert Lea Medical Center: Mayo Health System	0	51	0.00%	3.00%	SAME	0.00%	0.00-4.40%	*	*	*	*	*	*	5	285	1.75%	2.44%	SAME	0.23-3.28%
Appleton Municipal Hospital and Nursing Home	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Austin Medical Center: Mayo Health System	1	41	2.00%	3.70%	SAME	1.90%	0.00-6.30%	2	318	0.63%	2.44%	BETTER	0.00-1.50%						
Avera Marshall Regional Medical Center - Marshall	*	*	*	*	*	*	*	9	37	24.32%	14.22%	SAME	10.50-38.15%	13	298	4.36%	2.44%	SAME	2.04-6.68%
Cannon Falls Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chippewa County-Montevideo Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	1	50	2.00%	2.44%	SAME	0.00-5.88%
Fairmont Medical Center: Mayo Health System	1	33	3.00%	2.10%	SAME	4.20%	0.00-11.00%	*	*	*	*	*	*	2	184	1.09%	2.44%	SAME	0.00-2.59%
Fairview Red Wing Hospital	0	26	0.00%	6.80%	BETTER	0.00%	0.00-3.50%	*	*	*	*	*	*	5	223	2.24%	2.44%	SAME	0.30-4.19%
Glencoe Regional Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	7	146	4.79%	2.44%	SAME	1.33-8.26%
Granite Falls Municipal Hospital and Manor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hendricks Community Hospital Association	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holy Trinity Hospital: Graceville Health Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hutchinson Community Hospital	3	25	12.00%	5.60%	SAME	6.20%	1.80-10.70%	5	30	16.67%	14.22%	SAME	3.33-30.00%	8	232	3.45%	2.44%	SAME	1.10-5.80%
Immanuel-St Josephs: Mayo Health System - Mankato	6	173	3.00%	2.50%	SAME	4.10%	1.40-6.80%	7	84	8.33%	14.22%	SAME	2.42-14.24%	24	994	2.41%	2.44%	SAME	1.46-3.37%
Johnson Memorial Hospital - Dawson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lake City Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	3	40	7.50%	2.44%	SAME	0.00-15.66%
Madelia Community Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Sufficient data not available.



# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Death Rate for Patients with a Broken Hip							Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments						Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments					
	IQI-19							PSI-18						PSI-19					
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate
Madison Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meeker County Memorial Hospital - Litchfield	*	*	*	*	*	*	*	*	*	*	*	*	*	1	101	0.99%	2.44%	SAME	0.00-2.92%
Methodist Hospital: Mayo Clinic - Rochester	*	*	*	*	*	*	*	23	131	17.56%	14.22%	SAME	11.04-24.07%	18	1512	1.19%	2.44%	BETTER	0.64-1.74%
Minnesota Valley Health Center - Le Sueur	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Murray County Memorial Hospital - Slayton	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
New Ulm Medical Center	2	61	3.00%	3.50%	SAME	2.70%	0.00-6.20%	10	60	16.67%	14.22%	SAME	7.24-26.10%	5	141	3.55%	2.44%	SAME	0.49-6.60%
Northfield Hospital	0	37	0.00%	2.70%	SAME	0.00%	0.00-5.60%	0	26	0.00%	14.22%	BETTER	0.00-0.00%	10	317	3.15%	2.44%	SAME	1.23-5.08%
Olmsted Medical Center - Rochester	*	*	*	*	*	*	*	4	97	4.12%	14.22%	BETTER	0.17-8.08%	12	656	1.83%	2.44%	SAME	0.80-2.85%
Ortonville Area Health Services	*	*	*	*	*	*	*	*	*	*	*	*	*	0	31	0.00%	2.44%	BETTER	0.00-0.00%
Owatonna Hospital	0	37	0.00%	2.70%	SAME	0.00%	0.00-5.60%	7	34	20.59%	14.22%	SAME	7.00-34.18%	14	313	4.47%	2.44%	SAME	2.18-6.76%
Pipestone County Medical Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	2	53	3.77%	2.44%	SAME	0.00-8.90%
Redwood Area Hospital - Redwood Falls	*	*	*	*	*	*	*	*	*	*	*	*	*	0	48	0.00%	2.44%	BETTER	0.00-0.00%
Renville County Hospital And Clinics - Olivia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice County District One Hospital - Faribault	1	31	3.00%	3.40%	SAME	2.80%	0.00-8.00%	3	62	4.84%	14.22%	BETTER	0.00-10.18%	5	228	2.19%	2.44%	SAME	0.29-4.09%
Rice Memorial Hospital - Willmar	3	31	10.00%	3.20%	WORSE	8.90%	3.30-14.40%	10	38	26.32%	14.22%	SAME	12.31-40.32%	9	582	1.55%	2.44%	SAME	0.54-2.55%
River's Edge Hospital & Clinic - St. Peter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Canby Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	3	30	10.00%	2.44%	SAME	0.00-20.74%

\* Sufficient data not available.

# Quality of Care for Other Conditions

See page 204 for an explanation of terms.

HOSPITAL NAME	Death Rate for Patients with a Broken Hip							Rate of Obstetric Tearing Vaginal Delivery WITH Medical Instruments						Rate of Obstetric Tearing Vaginal Delivery WITHOUT Medical Instruments					
	IQI-19							PSI-18						PSI-19					
	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Risk Adjusted Rate	Confidence Interval of Risk Adjusted Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate	Numerator	Sample Size	Observed Rate	Expected Rate	When Compared to Expected Rate	Confidence Interval of Observed Rate
Sanford Hospital Laverne	*	*	*	*	*	*	*	*	*	*	*	*	*	2	51	3.92%	2.44%	SAME	0.00-9.25%
Sanford Jackson Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Regional Hospital Worthington	*	*	*	*	*	*	*	*	*	*	*	*	*	6	250	2.40%	2.44%	SAME	0.50-4.30%
Sanford Tracy Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sanford Westbrook Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sibley Medical Center - Arlington	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sleepy Eye Medical Center	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Springfield Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	0	25	0.00%	2.44%	BETTER	0.00-0.00%
St Elizabeth Medical Center - Wabasha	*	*	*	*	*	*	*	*	*	*	*	*	*	0	51	0.00%	2.44%	BETTER	0.00-0.00%
St James Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Mary's Hospital: Mayo Clinic - Rochester	11	268	4.00%	5.40%	BETTER	2.20%	0.80-3.60%	*	*	*	*	*	*	*	*	*	*	*	*
Swift County Benson Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tyler Healthcare Center: Avera	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Hospital District - Blue Earth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Waseca Medical Center: Mayo Health System	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Windom Area Hospital	*	*	*	*	*	*	*	*	*	*	*	*	*	3	78	3.85%	2.44%	SAME	0.00-8.11%
Winona Health Services	*	*	*	*	*	*	*	10	45	22.22%	14.22%	SAME	10.08-34.37%	12	264	4.55%	2.44%	SAME	2.03-7.06%

\* Sufficient data not available.

## CMS HOSPITAL COMPARE MEASURES

### Data Source and Data Collection Procedures

The Minnesota Statewide Quality Reporting and Measurement System began requiring all Minnesota hospitals to submit data on CMS “Process of Care” measures for which they had relevant patients in January 2010. Data reported here are related to earlier reporting cycles from hospitals that submitted their data to the Centers for Medicare and Medicaid Services. Data is included in this report for the following measures:

- Seven process of care measures related to heart attack care
- Four process of care measures related to heart failure care
- Six process of care measures related to pneumonia
- Eight process of care measures related to the surgical care improvement project

Data for all of these measures is for care provided from October 1, 2008 to September 30, 2009.

The information included in this report comes from the quality data submitted by hospitals to the Quality Improvement Organizations’ (QIO) Clinical Data Warehouse for all inpatient discharges. Except where noted, the data reflect twelve months of experience and is updated on a rolling basis. The data collection approach is primarily retrospective. Data sources for required data elements include administrative data and medical record documents. Some hospitals may prefer to gather data concurrently by identifying patients in the population of interest. This approach provides opportunities for improvement at the point of care/service. However, complete documentation includes the principal and other ICD-9-CM diagnosis and procedure codes, which require retrospective data entry.

The CMS Abstraction and Reporting Tool (CART) is a medical record data abstraction tool. Hospitals may use the CART to transmit abstracted data directly into the QIO Clinical Data Warehouse through [www.QualityNet.org](http://www.QualityNet.org) (a HIPAA-compliant, secure data transmission

vehicle) or they may instruct a vendor to submit the data on their behalf using QNET. CART may also be used to transmit data directly to an ORYX vendor from a current Joint Commission-accredited hospital. The vendors transmit the data to the QIO Clinical Warehouse, if the hospital has authorized them to do so, on their behalf. Under The Joint Commission program, organizations that wish to be certified as ORYX vendors must pass certain tests that verify their capacity to correctly handle hospital data and calculate performance rates using the prescribed algorithms.

Both ORYX Vendors and CART data submissions include auditing procedures and edit checks, which assess whether data submitted is consistent with defined parameters for sample size, outliers, and missing data. The data for this publication has been audited/edited, but not validated.

### Sampling

Whether or not a hospital uses sampling is determined by rules established by The Joint Commission and CMS. The same sampling methodology is used by hospitals for both their non-Medicare cases and Medicare cases and is based on the number of discharges per topic each quarter. More detailed information is available at [www.QualityNet.org](http://www.QualityNet.org).

### Calculating Rates

Each rate calculation is based on the hospital’s relevant discharges. Only patients meeting certain criteria for a measure are included in the calculation of the rate for a measure. The performance rate for individual hospitals is calculated by dividing the numerator by the denominator. The denominator is the sum of all eligible cases (as defined in the measure specifications) submitted to the QIO Clinical Data Warehouse for the reporting period. The numerator is the sum of all eligible cases submitted for the same reporting period where the recommended care was provided. The same data is used for individual hospital and state rate calculations.

A two-step process was used to calculate the state comparison group rates. The state comparison rate for each measure was calculated using all of the data submitted to the QIO Clinical Data Warehouse for hospitals with at least one case that met the measure's inclusion criteria (that is, for which the denominator was greater than zero).

First, the individual hospital performance rates were calculated using the method described above for all hospitals. Next, hospitals with "0 patients" were excluded from the calculation. For the state averages, a simple average was constructed where the numerator was the sum of all non-excluded hospitals' scores and the denominator was the total number of hospitals, each calculated at the individual state level. The state average is calculated before excluding rates that are suppressed on the CMS Hospital Compare website.

### **Limitations**

In order to align with accepted national standards for public reporting with respect to the number of patients required for reliable public reporting, results are only included on those measures for hospitals with 25 or more cases. Because many hospitals have fewer than 25 cases in a reporting period, results are not included for a considerable number of hospitals on some measures.

### **Risk Adjustment**

The results for these measures are not risk adjusted because the measures relate to whether or not a patient received appropriate treatment rather than whether a particular outcome was achieved. Risk adjustment is performed for other measures for which patient characteristics influence a provider's results.

### **Appropriate Care Measures**

The appropriate care measures utilize CMS measure data at the individual patient level for heart attack, heart failure and pneumonia care. With CMS permission, Stratis Health calculates these measures through an agreement with the hospital. The hospital grants Stratis

Health access to utilize the hospital's data in the QIO Clinical Data Warehouse for the calculation of these three composite measures. Stratis Health must access the following CMS process of care measure data at the individual patient level:

- Seven related to heart attack care
- Four related to heart failure care
- Six related to pneumonia care

Data for the measures is for care provided from October 1, 2008 to September 30, 2009.

These measures are pass/fail measures at the individual patient level. The measures evaluate whether the patient received all of the appropriate treatments (as defined by the measure specifications). A patient is included if eligible (i.e. meets denominator criteria) for at least one of the measures in a topic (heart attack, heart failure or pneumonia). To be considered as having appropriate care, a patient must meet numerator criteria for each measure in which the patient meets the denominator criteria. The measure calculation accounts for the fact that some treatments may not be appropriate for all patients. (For example, if the patient does not smoke, the "Patients given advice or counseling about quitting smoking while in the hospital (AMI-4)" is not applicable and the hospital will automatically be given credit for meeting this part of the measure.)

Each rate calculation is based on the hospitals' relevant discharges. The numerator is the sum of all eligible cases where the recommended care was provided. The denominator is the sum of all eligible cases (as defined in the measure specifications) submitted to the QIO Clinical Data Warehouse for the reporting period. The performance rate for individual hospitals is calculated by dividing the numerator by the denominator. The same data is used for individual hospital and state rate calculations.

## AGENCY FOR HEALTHCARE RESEARCH AND QUALITY MEASURES

### Data Source and Data Collection Procedures

The Minnesota Statewide Quality Reporting and Measurement System began requiring all Minnesota hospitals to submit data on certain AHRQ measures for which they had relevant patients in January 2010. Virtually all Minnesota hospitals submit discharge data to the Minnesota Hospital Association. The AHRQ measures are calculated using this discharge data. Data is included in this report for care provided from October 1, 2008 to September 30, 2009 for the following measures:

- Seven Inpatient Quality Indicators
  - Abdominal aortic aneurysm repair volume (IQI 4)
  - Abdominal aortic aneurysm mortality rate (IQI 11)
  - Coronary artery bypass graft volume (IQI 5)
  - Coronary artery bypass graft mortality rate (IQI 12)
  - Percutaneous transluminal coronary angioplasty volume (IQI 6)
  - Percutaneous transluminal coronary angioplasty mortality rate (IQI 30)
  - Hip fracture mortality rate (IQI 19)
- Five Patient Safety Indicators
  - Pressure ulcer (PSI 3)
  - Death among surgical inpatients with serious treatable complications (PSI 4)
  - Postoperative pulmonary embolism (PSI 12)
  - Obstetric trauma – vaginal delivery with instrument (PSI 18)
  - Obstetric trauma – vaginal delivery without instrument (PSI 19)

The Inpatient Quality Indicators (IQIs) and Patient Safety Indicators (PSIs) are sets of measures that provide a perspective on hospital quality of care using hospital administrative data.

- The IQIs reflect quality of care inside hospitals and include inpatient mortality for certain procedures and medical conditions; utilization of procedures for which there are questions of overuse, underuse, and misuse; and volume of procedures for which there is some evidence that a higher volume of procedures is associated with lower mortality.
- The PSIs are a set of indicators providing information on potential in-hospital complications and adverse events following surgeries, procedures, and child birth. The PSIs were developed after a comprehensive literature review, analysis of ICD-9-CM codes, review by a clinician panel, implementation of risk adjustment on applicable measures and empirical analyses.

The IQIs and PSIs are software tools distributed free by the Agency for Healthcare Research and Quality (AHRQ). The software can be used to help hospitals identify potential problem areas that might need further study and which can provide an indirect measure of in-hospital quality of care. The IQI software programs can be applied to any hospital inpatient administrative data. These data are readily available and relatively inexpensive to use.

The IQIs and PSIs are respectively the second and third in the set of AHRQ Quality Indicators (QIs) developed by investigators at Stanford University and the University of California, under a contract with AHRQ. The software may be downloaded from [www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov).

### Risk Adjustment

The AHRQ software adjusts provider results based on each individual patient's severity of illness. PSI 18 and PSI 19 are the only applicable AHRQ measures in this report which are not risk adjusted because there are not materially important risk factors available in the state inpatient discharge data.

## Limitations

In order to align with accepted national standards for public reporting with respect to the number of patients required for reliable public reporting, results are only included for those hospitals with 25 or more cases for each measure. Because many hospitals have fewer than 25 cases in a reporting period, results are not included for a considerable number of hospitals on some measures.

## NQF HEALTHCARE ASSOCIATED INFECTION MEASURES

### Data Source and Data Collection Procedures

Minnesota Statutes 62J.82 requires hospitals to report on selected healthcare acquired infection measures. The Minnesota Hospital Association (MHA) and Stratis Health, in collaboration with infection control practitioners, collect and report hospital-specific performance of the hospital-acquired infection measures published by the National Quality Forum (NQF). The selected measures were first published on the MN Hospital Quality Report ([www.mnhospitalquality.org](http://www.mnhospitalquality.org)) in October 2009. Data included in this report is for care provided from April 1, 2009 to March 31, 2010 for the following measures:

- Central line bundle compliance
- Ventilator bundle
- Surgical site infection (SSI) rate for vaginal hysterectomy

The quality data included in this report comes from data submitted by each hospital directly to MHA on their data collection site. Each hospital must obtain the measure data via chart abstraction. Hospitals may take the measure information directly from the medical record, via observational audits or through a specifically designed documentation record (i.e. daily goals checklist). Hospitals must submit this data on a quarterly basis, no later than 45 days after the end of each quarter. If a hospital had no cases within a given quarter, the hospital

must still report this data to MHA. The online reporting tool requires the hospital to enter the measure numerator and denominator by month. The SSI Rate for Vaginal Hysterectomy measure numerator and denominators must be broken down and submitted by risk level 0, 1, 2 and 3.

The Central Line Bundle Compliance and Ventilator Bundle measures require concurrent data collection and observation. The SSI Rate for Vaginal Hysterectomy measure requires a retrospective review. There is a 30 day data lag associated with this measure.

More information about the reporting of these three measures can be found at <http://www.mnhospitals.org/index/Infection1>.

### Sampling

- Central Line Bundle Compliance and the Ventilator Bundle: Sampling is allowed for these measures if there are more than 15 cases per month at the hospital. If there are less than 15 cases, the total population must be reported.
- SSI Rate for Vaginal Hysterectomy: Sampling is not allowed for this measure. The measure includes 100% of eligible cases.

### Calculating Rates

Each rate calculation is based on the hospital's relevant discharges. Only patients meeting certain criteria for a measure are included in the calculation of the rate for a measure.

- Central Line Bundle Compliance and the Ventilator Bundle: The performance rate for individual hospitals are calculated by dividing the numerator by the denominator. The denominator is the sum of all eligible cases (as defined in the measure specifications) submitted to MHA for the reporting period. The numerator is the sum of all eligible cases submitted for the same reporting period where the recommended care was provided. The same data is used for individual hospital and state rate calculations.
- SSI Rate for Vaginal Hysterectomy: The infection rate for individual hospitals in Risk Level 0 and Risk Level 1,2,3 are calculated

by dividing the numerator by the denominator. The denominator is the sum of all eligible cases (as defined in the measure specifications) submitted to MHA for the reporting period. The numerator is the sum of all eligible cases submitted for the same reporting period where the recommended care was provided. The Combined Risk Level infection rate is calculated by adding the numerators and denominators of the two risk level categories and dividing the numerator by the denominator. This combined infection rate is displayed in the Quality of Care for Surgeries table in the front of this report. The confidence intervals are exact poisson confidence intervals calculated by using the inverse gamma function as proposed by Leslie Daly (0 infections have a 95% confidence interval of 0 – 3.689.): (Daly, L. The Calculation of Exact Binomial and Poisson Confidence Limits; *Comput. Biol. Med.*, Vol. 22, No. 5, pp 351-361, 1992). This confidence interval is compared to the expected rate to determine the significance of the results. If the expected rate falls within the confidence interval, the hospital's performance is average or the same as expected. If the expected rate falls above the confidence interval, the hospital's performance is average or better than expected. If the expected rate falls below the confidence interval, the hospital's performance is below average or worse than expected. More information on these calculations and their statistical significance is available at <http://www.mnhospitalquality.org/SSI.aspx?region=ALL&ct=Infection+Prevention&mc=SSIVH>.

To determine the state average for these measures, hospitals with "0 patients" in the measure denominator were excluded from the calculation. Then, the sum of all the numerators for Minnesota hospitals was divided by the sum of all the denominators of Minnesota hospitals.

### Risk Adjustment

- Central Line Bundle Compliance and the Ventilator Bundle: The results for these measures are not risk adjusted because the

measures relate to whether or not a patient received appropriate treatment rather than whether a particular outcome was achieved. Risk adjustment is performed for other measures for which patient characteristics influence a provider's results.

- SSI Rate for Vaginal Hysterectomy: The performance of each facility relative to SSI has been adjusted to reflect the risk associated with the reported procedure. Adjusting for these risk levels allows for comparisons of the facilities. If a facility has a high rate after the adjustment, one can have more confidence that the facility has SSI problems that are caused by factors other than the presence of many high risk patients. The risk factors that are used in adjusting a facility's performance are the degree of contamination of the wound at the time of the operation, the duration of the procedure, and the American Society of Anesthesiologists (ASA) score. The latter is an estimate of the patient's physical condition. A risk score of 0 indicates that the patient has a relatively low risk of developing a surgical site infection, while a 3 indicates that a patient has a relatively high risk of developing an infection for a particular surgical procedure. Occasionally risk levels are combined, as in 1,2,3. For these surgical procedures, the Centers for Disease Control found that SSI rates were similar whether the risk was a 1, 2 or a 3.

### Limitations

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*NOTE: For the SSI rate for vaginal hysterectomy measure, this included a combined sample size of 25 for all risk levels (i.e. 0,1,2,3)*









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