



2015 Health Equity of Care Report

Stratification of Health Care Performance Results in Minnesota by Race,
Hispanic Ethnicity, Preferred Language and Country of Origin



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For more than a decade, MN Community Measurement (MNCM) has positively influenced and impacted health and health care in Minnesota. Through measurement and public reporting, we have helped push improvements in the quality of chronic illness care and critical health screenings; reductions in the overall cost of health care for Minnesotans; and enhancements in patient experiences. However, while all boats have risen with the tide, not all have risen at the same pace.

Disparities in health care and outcomes can be seen across every region and every patient population in Minnesota. Those inequities are unacceptable for our community, and pose a threat to the economic and social fabric of our state.

A core tenet of our vision is to “drive change that improves health, patient experience, cost and equity of care for everyone in our community.” Last year, MNCM provided for the first time state and regional benchmarks on five quality measures for our community to understand where disparities exist and their scope. The *2015 Health Equity of Care Report: Stratification of Health Care Performance Results in Minnesota by Race, Hispanic Ethnicity, Preferred Language and Country of Origin (REL)* takes that milestone a step further by reporting results at a medical group level, as well as by adding patient experience results stratified by race and Hispanic ethnicity. Reporting these results at the most actionable level drives change based on the transparency, accountability and comparability it provides.

When we began the journey in 2008 to collect and report data on health disparities, MNCM was in a unique position to do so. We leveraged our strengths, obtained community support and persevered through challenges. Over several years and through a deliberate and thoughtful process designed to build trust and credibility, more than 98 percent of Minnesota medical groups are now collecting REL information and the vast majority are doing so using best practices.

Our health care community is to be commended for its dogged pursuit of and support for the standard collection and reporting of REL data. Our community collects more data on health disparities and follows best practices for collection more widely than any other state, allowing us to target inequities more effectively.

Data alone will not achieve our community’s health equity goals. The information must be used and we must partner with one another in meaningful ways to take actions that address the underlying causes of health care disparities. We are excited to continue measuring progress toward our shared goal of eliminating disparities in Minnesota and our nation.



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2015 Health Equity of Care Report



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Introduction

“Of all the forms of inequity, injustice in health care is the most shocking and inhumane.”

– Rev. Dr. Martin Luther King, Jr.

The evidence that disparities persist throughout health care cannot be argued. These inequities can be seen in every facet of the American health care system: from differences in patient outcomes and mortality, to the documented lack of diversity of our health care workforce, and through variances in patient experiences and access to care.

Many of these disparities are evident when health outcomes are segmented by race, ethnicity, language and country of origin; however, studies indicate they’re also evident when looked at by economic status, educational status, gender and other contributing factors.

Only about half of a person’s health can be affected by the health care system and their own individual behaviors (over which health care providers have some influence), according to a widely-used formula developed by the University of Wisconsin’s Population Health Institute. There is growing recognition of the role that social determinants of health play in the disparities that are documented within our health care system.

A few examples of how social determinants affect the health of Minnesotans include:

- People with more education are likely to live longer, have better health outcomes and have healthier children.¹ In 2015, only 39 percent of 3rd graders of color in Minnesota achieved reading standards, compared to 68 percent of white 3rd graders.²
- Financial resource strain is linked to a raft of poor health outcomes resulting from lack of adequate health care access, poor environmental exposure, increased chronic stress and obesity. In Minnesota, more than 80 percent of households earning less than \$20,000 a year were cost-burdened in 2013.³
- A growing body of evidence over the past 15 years has illustrated that neighborhoods that have easy access to healthy foods, natural spaces and quality housing have less violence and more social cohesion, which contribute positively to overall health, particularly chronic diseases and mental health.⁴

While social determinants that impact health cannot be addressed solely by health care providers, significant room for improvement exists in the areas affected by health care systems. Additionally, health care providers are increasingly recognizing that better information about these social impacts on their patients’ health is critical to providing the best care to patients and identifying partnerships that improve the health of their communities.

MN Community Measurement’s Commitment to Advancing Health Equity

Since MN Community Measurement (MNCM) was first formed as a project in 2002, our role has been to create, collect data on and report high-value metrics of our community’s health. As a trusted source for health care measurement and public reporting, MNCM is uniquely suited to contribute information that informs, enhances, refines and evaluates community and health care provider efforts to reduce health disparities.

To reduce and eliminate health inequities, we must understand where they exist and their scope, so we can target interventions effectively. Identification and increased awareness of disparities is a critical first step toward closing the gaps. As the old adage goes, ‘what gets measured gets managed.’ Without specific measurement, disparities can go unnoticed by health care organizations, public health organizations, policy makers and others – even as they seek to improve the quality of care for all patients and citizens.

¹ Issue Brief 6: Education and Health. Commission to Build a Healthier America. September 2009.

² MNCompass.org: Disparities: Race. Viewed on October 20, 2015.

³ MNCompass.org: Homes: Housing. Viewed on October 20, 2015.

⁴ Diez Roux, Ana V. and Mair, Christina. “Neighborhoods and Health.” *Annals of the New York Academy of Sciences*. 2010. Pg 125-145.

Introduction

Through a partnership with the Minnesota Department of Human Services (DHS), we have published the *Health Care Disparities Report for Minnesota Health Care Programs (MHCP)* each year since 2007. The report evaluates socioeconomic disparities by comparing care received by patients insured through MHCP with care received by patients covered by other payers; additionally, for the past five years, it has included some statewide race and ethnicity information for MHCP patients.

However, the lack of adequate, standardized data on race, ethnicity, language and country of origin (REL) was a key barrier to recognizing that patient populations within the same medical group or clinic may not be attaining the same health outcomes. In 2008, MNCM set out to address that gap in Minnesota. Working with local medical groups and community organizations representing medically-underserved and historically-underrepresented populations, we created and released the *Handbook on the Collection of Race/Ethnicity/ Language Data in Medical Groups* the following year. The handbook established a standard set of data elements for medical groups to collect REL data from patients.

One of the most important elements of the Handbook was to crystallize the definition of best practice for collection of REL data from patients. The first critical element is that patients must have the ability to self-report their information. The second is that clinics' electronic health records (EHR) must accurately capture and completely report the selection of more than one race category.

Beginning in 2010, MNCM asked medical groups to voluntarily submit REL data with their quality measure data. MNCM's Measurement and Reporting Committee (MARC) approved public reporting of statewide REL results once 60 percent of medical groups were reporting data that was collected using best practices. For the next few years, MNCM conducted audits to affirm best practices were being followed by groups. These included validation of medical group's policies, processes and on-site audits. Beginning in 2013, groups with demonstrated use of best practices could privately access results on several quality measures segmented by REL for their own medical group to inform quality improvement efforts.

The culmination of these years of diligence and focus by MNCM and medical groups, many of whom faced technical challenges, to implement and champion this standardized collection and reporting was the *2014 Health Equity of Care Report: Stratification of Health Care Performance Results in Minnesota by Race, Hispanic Ethnicity, Preferred Language and Country of Origin*. Our inaugural report, released in January 2015, presented data collected by medical groups using best practices and highlighted areas for improvement. It featured information on health care outcomes in five areas: Optimal Diabetes Care; Optimal Vascular Care; Optimal Asthma Care for Adults; Optimal Asthma Care for Children; and Colorectal Cancer Screening. Results were reported at statewide and regional levels. This information identified what health care disparities exist in Minnesota; however, it doesn't explain why they exist, which is why sharing it with our community is critical to addressing the inequities.

Community Collaboration and Commitment

Health inequity has historically been a complex and difficult thing to measure. MNCM has a unique ability to highlight where health care disparities exist in our state; then partner with and support community stakeholders to determine why disparities exist and develop initiatives to reduce and eliminate them.

This report tells a compelling story: deep and persistent disparities continue to exist in health care in Minnesota. The report also adds a new dimension by looking at disparities in patient experience of care. Multiple studies have shown that patients who have positive experiences and relationships with their health care providers are more likely to take prescribed medications, follow their provider's instructions and return for follow-up visits and tests – all of which keep patients healthy and improve outcomes. Disparities in patient experience can be as impactful to overall health as gaps in the quality of care.

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In 2014, nearly all Minnesota providers submitted REL data to MNCM and the majority did so using best practices. Most providers that have not yet passed a best practices audit are in the process of addressing technical hurdles related to EHRs.

With the release of this report, we are also building on that momentum with the addition of comparable medical group-level reporting of the five quality measures.

Medical group-level reporting is important because it focuses on where the accountability lies in the health care system. National and state reports of health disparities can be dismissed as being the result of patient factors or issues outside of medical groups' control. With this information, provider groups can look at the barriers their patients may face while receiving care at their practice. However, we caution against using this data to draw conclusions about why disparities exist in certain medical groups or settings of care. This report shines a light on *where* gaps exist, but does not suggest *why* they exist.

And we have every intention of continuing to expand the information we are able to share with our community and deepen the conversations occurring about health equity in our community. For example, the 2015 MNCM Annual Seminar featured multiple speakers focused on health equity, as well as an interactive feedback session where we asked our community what additional information about health equity and social determinants of health would be helpful to continue improving the health of our community. Over the next two years, we expect to hit thresholds for public reporting on at least five new measures, including those focused on pediatric preventive care and depression. Additionally, our Risk Adjustment and Segmentation Committee is studying the use of REL in risk adjustment and will make a recommendation for future reporting in the coming year.

We know it's possible for providers to achieve optimal health outcomes for all patients, regardless of race, ethnicity, preferred language or country of origin, because it's happening in pockets within our community. We have highlighted some of those stories in this report. Successfully addressing health inequities on a large scale requires consistent, actionable data which allow us to gain a deeper understanding of the underlying causes and how to address them in a meaningful way.

MNCM immensely values the work of other community organizations, agencies and leaders who are focused on this common goal. We also cannot underscore enough the enormous contribution by medical groups who are collecting REL data from patients and submitting it to MNCM. Our health care community has championed the standardized collection and reporting of REL data by willingly and enthusiastically implementing this on a voluntary basis for several years. We look forward to continuing this critical work in partnership with the Minnesota Department of Health as they add REL data and reporting to the Statewide Quality Reporting and Measurement System in the coming years. The positive outcomes of making this information available to our community are possible because of this commitment from medical groups and their leaders.

Eliminating disparities will improve our population's health and create a more productive society by reducing the economic and personal costs of poor health outcomes. Our state and country benefit when all people have the opportunity to live healthy, productive lives.

As our community focuses on identifying and implementing solutions that eliminate health care disparities, we look forward to continuing to partner with and learn from you about this critical work. Data alone will not achieve health equity goals; but data can illuminate, enhance and regularly evaluate our community's efforts to ensure we see the needed reductions in disparities and the eventual elimination of health inequities in our state and nation.

The *2015 Health Equity of Care Report* pinpoints distinct differences in health care outcomes between patient populations and geographic regions in Minnesota. It lays unmistakably clear the fact that some racial, ethnic, language and country of origin groups have consistently poorer health care outcomes than other groups.

Executive Summary

In this report, we have added depth to that assertion in two forms: first, the addition of Patient Experience of Care results segmented by race and Hispanic ethnicity. Second, the inclusion of medical group results for five quality measures, segmented by race, Hispanic ethnicity, preferred language and country of origin. This report can show what is happening throughout our state and within individual medical groups; however, it cannot explain why those results are occurring. We caution against jumping to conclusions or making assumptions about specific medical groups based on the information in this report. Rather, we want the information to be used productively by medical groups and community organizations to work collectively to address the disparities that are illuminated.

Additionally, while we caution against comparing this report to our *2014 Health Equity of Care Report* in detail – as four of the five measures changed since last year – we can look at the reports as a whole to see that the overall themes remained consistent. This is to be expected, as one year is generally not enough time to implement improvement activities and see the fruits of that labor. This generally can take two to three years.

- **Racial and ethnic categories:** Across clinical quality measures and state regions, White and Asian patients generally had higher rates than other racial groups. Notably, while White patients also indicated overall positive patient experiences of care, Asian patients reported less positive patient experiences in every domain. Also across measures and geographic areas, American Indian or Alaskan Native and Black or African American patients generally had the lowest rates both statewide and regionally. Similarly, Hispanics generally had poorer health care outcomes than non-Hispanics across all quality measures and most geographic regions.
- **Country of origin and language categories:** Patients born in Asian countries tended to have better outcomes across multiple quality measures and geographic regions than patients in other country of origin groups. Patients born in Laos, Somalia and Mexico generally had poorer outcomes than other groups. Similarly, patients who preferred speaking Hmong, Somali and Spanish generally had lower rates compared to other preferred language groups.
- **Medical groups:** Generally, large medical groups in the Metro area had higher rates of optimal care than medical groups in Greater Minnesota or of smaller size. Allina Health Clinics and HealthPartners Clinics generally had the highest rates across all clinical quality measures and patient groups. The lowest medical group rates for quality measures were generally seen at safety net clinics which treat a high proportion of non-White, non-English speaking and low income patients.

Themes by Racial and Hispanic Ethnicity Categories

Table 1: Summary of Findings by Race

Race Categories	Patient Experience Domains				Clinical Quality Measures				
	PE Access to Care	PE Provider Communication	PE Office Staff	PE Provider Rating	Optimal Diabetes Care	Optimal Vascular Care	Optimal Asthma Control-A	Optimal Asthma Control-C	Colorectal Cancer Screening
American Indian or Alaskan Native					↓	↓	↓	↓	↓
Asian	↓	↓	↓	↓	↑	↑	↑	↑	↓
Black or African American	↑	↑	↑	↑	↓	↓	↓	↓	↓
Multi-Racial			↑		↓			↑	
Native Hawaiian or Other Pacific Islander									↓
Some Other Race			↓						↓
Unknown	N/A	N/A	N/A	N/A		N/A	↓	↓	↓
White	↑	↑	↑	↑	↑	↑	↑	↑	↑

↑ = Above Average

↓ = Below Average

Blank = Similar to Average

N/A = Not Reportable or analysis not completed for

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Patients in the **White** racial group generally had better health care outcomes across most measures and most geographic areas. This is consistent with findings of our 2014 Report. White patients had rates above the Race/Ethnicity Average on all four Patient Experience of Care domains and all five quality measures; notably, this was the only racial group to have a Colorectal Cancer Screening rate above the statewide average. The poorest health outcomes for White patients were concentrated primarily in the Northwest, Northeast and Southwest regions; the best outcomes were generally in the East Metro and West Metro regions.

Asian patients had the highest rates of optimal care in three of the five quality measures (Optimal Diabetes Care; Optimal Vascular Care; Optimal Asthma Control – Children) and were above the statewide average in four of five measures. The only measure where Asian patients had rates below the statewide average was Colorectal Cancer Screening. It's also notable that variation in rates for Asian patients across all five measures can be seen by region. This mirrors the results of this racial group in 2014. It is also attention-grabbing that despite these positive quality outcomes, Asian patients rated their experiences with care as the worst of any racial group. Across all four domains, Asian patients rated their Patient Experience of Care the lowest statewide as well as in a majority of regions.

The **Black or African American** racial group did not have the highest or lowest rates for any of the quality measures, but had rates below the statewide average across the board. This is similar to the results for this racial group in 2014. Additionally, significant regional disparities can be seen for Black or African American patients. Most notably, the lowest or near lowest rates for this racial group are often found in the Minneapolis region. Other areas that frequently had poorer outcomes were the Northwest, Southwest and Northeast regions. Despite this, Black or African American patients reported overall positive patient experiences. This racial group rated their experiences the highest in two of the four Patient Experience of Care domains, and was not lower than the Race/Ethnicity Average in three of four domains.

Native Hawaiian or Other Pacific Islander patients had a mix of low and high rates, both on the five quality measures and Patient Experience of Care. The only quality measure where this racial group was lower than the statewide average was Colorectal Cancer Screening. Additionally, there were enough Native Hawaiian or Other Pacific Islander patients to be reportable in some regions for two measures this year: Colorectal Cancer Screening and Optimal Diabetes Care. In 2014, we were unable to report any regional results for this patient population. As with the statewide results, this racial group tended to be in the middle of the pack regionally as well. However, this group did have the lowest rate in the St. Paul region for Colorectal Cancer Screening.

Patients in the **American Indian or Alaskan Native** racial group had outcomes below the statewide average in all five quality measures evaluated. This was also the case in 2014. Notably, these patients had particularly poor outcomes in Optimal Diabetes Care. This racial group had the lowest statewide rate as well as the lowest rate in eight of nine regions of Minnesota. Interestingly, American Indian and Alaskan Native patients indicated their experience as average across all four Patient Experience of Care domains.

Table 2: Summary of Findings by Hispanic Ethnicity

Ethnicity Categories	Patient Experience Domains				Clinical Quality Measures				
	PE Access to Care	PE Provider Communication	PE Office Staff	PE Provider Rating	Optimal Diabetes Care	Optimal Vascular Care	Optimal Asthma Control-A	Optimal Asthma Control-C	Colorectal Cancer Screening
Hispanic				↑	↓		↓	↓	↓
Non-Hispanic	N/A	N/A	N/A	N/A	↑	↑	↑	↑	↑

↑ = Above Average

↓ = Below Average

Blank = Similar to Average

N/A = Not Reportable or analysis not completed for

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Hispanic patients had poorer health care outcomes than Non-Hispanics in every quality measure, which mirrors our 2014 report. Additionally, patients of Hispanic ethnicity had rates below the statewide average in four of the five measures. However, the pattern does not hold across regions. While Non-Hispanic patients continued to have better outcomes than Hispanic patients in many regions, there were notable exceptions particularly in Optimal Vascular Care and Optimal Asthma Control – Children. Patients of Hispanic ethnicity also indicated average patient experiences across all four domains.

Themes by Preferred Language and Country of Origin

Overall, patients who originated from countries in **Asia** had better health outcomes than patients from other global regions, particularly India. Patients who were born in India had the highest rates on three of the five quality measures. Additionally, countries of origin that had high rates on multiple measures included South Korea, China and the Philippines. An exception was patients born in **Laos**, who generally had rates below the statewide average and had the lowest rate of any country of origin group on Optimal Asthma Control – Adults. However, this patient group had better outcomes in Optimal Vascular Care than the other quality measures. Similar themes among patients who were born in Asian countries can be seen in 2014 as well.

The experiences of patients born in Laos match closely with those of patients who preferred speaking Hmong. This preferred language group had the highest rate of any language group in Optimal Vascular Care, but generally had low rates for the other four quality measures. And, just as with Laos-born patients, patients in the **Hmong** preferred language group had the lowest rate of all groups for Optimal Asthma Control – Adults.

Patients who preferred speaking **Somali** and/or were born in **Somalia** had low health care outcome rates in the majority of measures and state regions. This is similar to the findings of our 2014 report. Two notable bright spots among these patient groups are Optimal Diabetes Care and Optimal Vascular Care, where results were more in the middle than the low end of rates.

Spanish-speaking patients overall had health care outcome rates below the statewide average across most measures and geographic areas. However, it's notable that this group had the highest Optimal Vascular Care rate of any preferred language group. Similarly, patients born in **Mexico** had poorer health outcomes across most measures and state regions. Of note, Mexican-born patients had the lowest statewide rate for Optimal Asthma Control – Children and had rates below the statewide average for four of five quality measures.

Notably, patients who indicated their country of origin was **Bosnia Herzegovina** and/or who preferred to speak **Bosnian** were only reportable for two measures: Optimal Diabetes Care and Colorectal Cancer Screening. However, these patient groups had low results in both measures, including the lowest rates for Optimal Diabetes Care.

Finally, patients born in the **United States** and patients who preferred speaking **English** had the highest rates in both Optimal Asthma Control measures. However, they had average rates on the other three measures.

Themes by Geographic Region

The health care outcome rates in each geographic area vary considerably across the measures evaluated by this report. However, some general trends are clear.

- **Highest Quality Measure Rates:** The East Metro region generally had higher rates across all quality measures for most patient groups when compared to other regions. The Southeast region also had higher rates than most other regions for Optimal Asthma Control – Children; and the West Metro region also had higher rates than most other regions for Optimal Vascular Care.

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- **Lowest Quality Measure Rates:** The regions that generally had the lowest rates across all quality measures and patient groups were the Northwest and Southwest regions. Additionally, the Northeast region generally had poorer outcomes than other regions in Optimal Asthma Control – Adults and Optimal Vascular Care; and the Minneapolis region had lower rates than other regions for Colorectal Cancer Screening.

Patients in Greater Minnesota overall had poorer health outcomes than patients in the 13-county Metro area. Notably, White patients in Greater Minnesota often had poorer health outcomes than patients of other racial groups in Greater Minnesota. This is most obvious in Optimal Asthma Control – Children, where White patients in four of the five Greater Minnesota regions had rates lower than another racial group.

The overall lower rates in both quality and patient experience for Greater Minnesota are reflective of a national trend. Multiple studies have highlighted health inequities for residents of rural areas, regardless of other sociodemographic factors. Rural residents are less likely to receive recommended preventive services and more likely to defer other types of health care due to cost, transportation and language challenges. They also have higher rates of diabetes, obesity, cancer and high-risk health behaviors than urban communities¹. These and other factors could contribute to the lower health care outcome rates in Greater Minnesota regions.

- **Patient Experience of Care Rates:** The Southeast region generally had the highest Patient Experience of Care rates, while the Northwest region generally had the lowest rates in two patient experience domains: Provider Communication and Access to Care.

Themes by Medical Group

For the first time, this report includes clinical quality measure results segmented by race, Hispanic ethnicity, preferred language and country of origin at the medical group level. This is an important step forward in our community's ability to address and eliminate health care disparities because it brings accountability and comparability to a level where real change can occur.

Allina Health Clinics generally had the highest rates of Optimal Diabetes Care across all patient populations, with **HealthPartners Clinics** and **Park Nicollet Health Services** also having generally high marks. Those three medical groups also had highest rates of Optimal Vascular Care across all patient groups. **Fairview Health Services** had the highest rates overall of Colorectal Cancer Screening across all patient populations, with Allina Health Clinics and HealthPartners Clinics also generally having high rates.

Across all clinical quality measures, the medical groups with the lowest rates were generally safety net clinics and community health centers. These clinics are located in medically-underserved areas and their patients are largely non-White, non-English speaking, low income and uninsured people. These patients are the most likely to be affected by social determinants of health, such as poverty, food insecurity and housing instability.

However, there are notable exceptions for particular patient populations or geographic regions. For example, **Hennepin County Medical Center Clinics**, a safety net medical group and hospital system, had particularly high Colorectal Cancer Screening rates among patients born in Somalia, and this rate was significantly above the Somalia average. Similarly, **Community University Health Care Center**, a federally qualified health center (FQHC), had markedly higher rates of Optimal Diabetes Care among patients who spoke Spanish than some of the other FQHCs.

¹ Downey LH. Rural Populations and Health: Determinants, Disparities, and Solutions [book review]. *Prev Chronic Dis* 2013;10:130097.

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Additionally, some large and medium size medical groups in Greater Minnesota had lower rates, perhaps driven by disparities in rural health. Of note, **Sanford Health – Sioux Falls Region** had lower rates in Optimal Vascular Care and Colorectal Cancer Screening. Similarly, **Avera Medical Group**, which has clinics in Southwest Minnesota, had low rates of Colorectal Cancer Screenings across most patient populations.

These nuances help illuminate the importance of this report. To reduce and eliminate health inequities, we must understand where they exist and their scope. The granular information contained in this report should aid advocates, policymakers, public health professionals, communities of color and medical groups in targeting efforts to reduce health inequities and health care disparities.

Summary of Results

This is MN Community Measurement's second annual *Health Equity of Care Report*, which includes health care performance results stratified at statewide, regional and medical group levels by race, Hispanic ethnicity, preferred language and country of origin in Minnesota. This is the first year of stratifying data at the medical group level and stratifying Patient Experience of Care data by race and Hispanic ethnicity. The same five clinical quality measures that are collected using MNCM's Direct Data Submission (DDS) process and appearance in the first report are featured in this report: Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Adults, Optimal Asthma Control – Children and Colorectal Cancer Screening. It is important to note that four of the measures had measure specification changes in 2015; caution should be used when comparing to data in the first report.

Summary of Statewide Rates by Race

American Indian or Alaskan Native

For Patient Experience of Care, the American Indian or Alaskan Native racial group had overall domain average across all four domains that each were average compared to the averages of all other race/ethnicity groups.

The American Indian or Alaskan Native racial group had the lowest rates for two quality measures: Optimal Diabetes Care and Optimal Vascular Care. The American Indian or Alaskan Native racial group's rate was significantly lower than the statewide average for all five measures. There were no measures where this racial group had the highest rate.

Asian

The Asian racial group had the highest rate for three quality measures: Optimal Diabetes Care, Optimal Vascular Care and Optimal Asthma Control – Children. This racial group did not have the lowest rate for any of the five clinical quality measures. However, for Patient Experience of Care, this racial group had the lowest rate for all four domains and were significantly lower in all four domain averages than the average of all other race/ethnicity groups.

For four quality measures (Optimal Diabetes Care, Optimal Vascular Care, Optimal Asthma Control – Adult, Optimal Asthma Control – Children), this racial group had a performance rate significantly higher than the statewide average. For Colorectal Cancer Screening, this racial group had a performance rate significantly lower than the statewide average.

Black or African American

For Patient Experience of Care, this racial group had the highest rate in two of the four domains (Getting Care When Needed and How Well Providers Communicate). Their rates were above the Race/Ethnicity Average for three of four domains; and all four overall domain averages were significantly higher compared to the overall average of all other race/ethnicity groups.

There were no clinical quality measures where the Black or African American racial group had the highest or lowest rate. However, for all five measures, this racial group had a performance rate significantly lower than the statewide average.

Multi-Racial

The Multi-Racial group did not have the highest or lowest rate for any of the four Patient Experience of Care domains. There were two domains (Getting Care When Needed and Courteous and Helpful Staff) where this racial group had rates higher than the Race/Ethnicity Average.

The Multi-Racial group also did not have the highest or lowest rate for any of the clinical quality measures. This racial group did not have a rate significantly higher than the statewide average for any measures. There were two measures (Optimal Diabetes Care and Colorectal Cancer Screening) where the Multi-Racial group had a performance rate that was significantly lower than the statewide average.

Native Hawaiian or Other Pacific Islander

The Native Hawaiian or Other Pacific Islander racial group did not have the highest or lowest rate for any of the four Patient Experience of Care domains.

Likewise, there were no clinical quality measures where

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the Native Hawaiian or Other Pacific Islander racial group had the highest or lowest rate. For one measure (Colorectal Cancer Screening), this racial group had a performance rate significantly lower than the statewide average.

White

For Patient Experience of Care, the White racial group had the highest rate in one domain (Courteous and Helpful Staff). This racial group's rates in all four domains were above the Race/Ethnicity Average; and similar to the Black or African American group, all four overall domain averages were significantly above the overall average of all other race/ethnicity groups.

The White racial group had the highest rate for two measures: Optimal Asthma Control – Adults and Colorectal Cancer Screening. This racial group was the only group to have a rate significantly higher than the statewide average for the Colorectal Cancer Screening measure. For all clinic quality measures, this racial group had a performance rate that was significantly higher than the statewide average.

Unknown

Analysis could not be completed for this racial group on the Patient Experience of Care domains.

The Unknown racial group had the lowest performance rate for three quality measures (Optimal Asthma Control – Adult, Optimal Asthma Control – Children and Colorectal Cancer Screening). This racial group was not reportable for Optimal Vascular Care.

For three measures (Optimal Asthma Control – Adult, Optimal Asthma Control – Children and Colorectal Cancer Screening), this racial group had a performance rate that was significantly lower than the statewide average.

Some Other Race

For Patient Experience of Care, this racial group was average for three domains; for Office Staff, they had an overall domain average significantly below the average of all other race/ethnicity groups.

There were no measures where the Some Other Race racial group had the highest or lowest rate. For one measure (Colorectal Cancer Screening), this racial group had a performance rate significantly lower than the statewide average.

Summary of Statewide Rates by Hispanic Ethnicity

Hispanic

For Patient Experience of Care, Hispanics had an overall domain average that was average for three domains (Access to Care, Provider Communication and Office Staff). Hispanics had a rate above the Race/Ethnicity Average for the Provider Rating domain and this overall domain average was significantly higher.

For all five quality measures, Hispanics had lower rates compared to Non-Hispanics. For four measures (Optimal Diabetes Care, Optimal Asthma Control – Adults, Optimal Asthma Control – Children and Colorectal Cancer Screening), the performance rates for Hispanics were significantly below the statewide average.

Non-Hispanics

Analysis was not completed for Non-Hispanics for Patient Experience of Care.

For all quality measures, Non-Hispanics had higher rates compared to Hispanics. Non-Hispanics also had a performance rate that was significantly above the statewide average for all five measures.

Summary of Statewide Rates by Preferred Language

For Optimal Diabetes Care, patients who indicated they preferred speaking **Vietnamese** had the highest rate compared to other preferred language groups and their performance rate was significantly higher than the statewide average. For the Optimal Vascular Care measure, there were no preferred language groups that had a performance rate significantly higher than the statewide average.

Patients who indicated they preferred speaking **English** had the highest rate for both Optimal Asthma Control measures; however, their rates were not significantly

Summary of Results

higher than the statewide averages. There were no preferred language groups that had a performance rate significantly higher than the statewide average for either Asthma measure.

For four measures (Optimal Diabetes Care, Optimal Asthma Control – Adults, Optimal Asthma Control – Children and Colorectal Cancer Screening), patients who indicated they preferred speaking Somali had performance rates that were significantly lower than the statewide average.

Summary of Statewide Rates by Country of Origin

Generally speaking, patients born in an **Asian** country tended to have higher performance rates. Patients born in **India** had the highest performance rate for three measures (Optimal Diabetes Care, Optimal Vascular Care and Optimal Asthma Control – Adults).

Patients born in **Mexico** had performance rates significantly below the statewide average for four measures (Optimal Diabetes Care, Optimal Asthma Control – Adult, Optimal Asthma Control – Children and Colorectal Cancer Screening).

The **United States** country of origin group had a rate significantly higher than the statewide average for three measures (Optimal Asthma Control – Adult, Optimal Asthma Control – Children and Colorectal Cancer Screening).

Summary of Statewide Rates by Patient Experience Domain

Access to Care

Black or African American patients had the highest rate and Asian patients had the lowest rate. Black or African American patients had a rate that was significantly above the statewide average.

Provider Communication

Black or African American and White patients had the highest rates and both were significantly above the statewide average. Asian patients had the lowest rate and this was significantly below the statewide average.

Office Staff

Black or African American and White patients had the highest rates and both were significantly above the statewide average. Asian patients had the lowest rate and this was significantly below the statewide average.

Rating of Provider

Black or African American and Hispanic patients had the highest rates and both were significantly above the statewide average. Asian patients had the lowest rate and it was significantly below the statewide average.

Summary of Statewide Rates by Clinical Measure

Optimal Diabetes Care

Asian patients had the highest rate and American Indian or Alaskan Native patients had the lowest rate. Non-Hispanic patients had a rate significantly higher than Hispanics and the statewide average. Patients who preferred speaking Vietnamese had the highest rate, whereas patients who preferred speaking Bosnian had the lowest rate. Patients born in India had the highest rate and patients born in Bosnia Herzegovina had the lowest rate.

Optimal Vascular Care

Asian patients had the highest rate and American Indian or Alaskan Native patients had the lowest rate. Non-Hispanics and Hispanics had the same performance rate; however, Non-Hispanics had rate significantly higher than the statewide average while Hispanics did not. Patients who preferred speaking Hmong had the highest rate but this was not significantly above the statewide average. Patients who preferred speaking Arabic had the lowest rate. Patients born in India had the highest rate and patients born in Germany had the lowest rate.

Optimal Asthma Control – Adults

White patients had the highest rate and patients who indicated they did not know their race had the lowest rate. Non-Hispanics had a rate higher than Hispanics and the statewide average. Patients who preferred speaking English had the highest rate, while patients who preferred speaking Hmong had the lowest rate. Patients born in India had the highest rate but this was not significantly above the statewide average. Patients born in Laos had the lowest rate.

Summary of Results

Optimal Asthma Control – Children

Asian patients had the highest rate and patients who indicated they did not know their race had the lowest rate. Non-Hispanics had a higher rate than Hispanics. Patients who preferred speaking English had the highest rate and patients who preferred speaking Karen had the lowest rate. Patients born in the United States had the highest rate and patients born in Mexico had the lowest rate.

Colorectal Cancer Screening

White patients had the highest rate and patients who indicated they did not know their race had the lowest rate. Non-Hispanic patients had a rate significantly higher than Hispanics and the statewide average. Patients who preferred speaking Sign Language had the highest rate and patients who preferred speaking Somali had the lowest rate. Patients born in Australia had the highest rate and patients born in Somalia had the lowest rate.

Summary of Regional Rates by Patient Experience Domain

Access to Care

- **Race/Hispanic Ethnicity** – The Black or African American racial groups had the highest rate in four regions. The Asian racial group had the lowest rate in seven regions. They tied with the American Indian or Alaskan Native racial group for the lowest rate in the Central Region.

Provider Communication

- **Race/Hispanic Ethnicity** – The Black or African American racial group had highest rate in four regions; they tied with the White racial group in one region for the highest rate. The Asian racial group had the lowest rate in six regions.

Helpful and Courteous Office Staff

- **Race/Hispanic Ethnicity** – The White and Black or African American racial groups had the highest rate in three regions. The Asian population had the lowest rate in six regions.

Provider Rating

- **Race/Hispanic Ethnicity** – Hispanic patients had the highest rate in three regions. The American Indian or Alaskan Native and White racial groups had the highest rate in the two regions. The American Indian or Alaskan Native and Asian racial groups had the lowest rate in three regions.

Summary of Regional Rates by Clinical Measure

Optimal Diabetes Care

- **Race** – Almost all racial groups' highest rates were found in the East Metro region. Lower rates were generally in the Northeast region for most racial groups. The Asian racial group had the highest rate in five regions. The American Indian or Alaskan Native racial group had the lowest rate in eight regions.
- **Hispanic Ethnicity** – Non-Hispanics had a higher rate than Hispanics in eight regions. Hispanics had a higher rate than Non-Hispanics in the Minneapolis region. Both populations had their highest rates in the East Metro region.
- **Preferred Language** – In three regions, patients who preferred speaking Vietnamese had the highest rate. Patients who preferred speaking Arabic or Spanish had the lowest rate in three regions. The East Metro and West Metro regions generally had higher rates for all preferred language groups.
- **Country of Origin** – Patients born in the United States and Vietnam had the highest rate in two regions. Patients born in Laos had the lowest rate in three regions. The East Metro and West Metro regions generally had higher rates for all country of origin groups.

Optimal Vascular Care

- **Race** – For almost all racial groups, their highest rate was found in the East Metro and West Metro regions. The Asian racial group had the highest rate in four of the five regions where the group was reportable. The White population had the highest rate in four regions and was the only reportable racial group in two regions (Southeast and Southwest). The Black or African American racial group had the lowest rate in four regions.

Summary of Results

- **Hispanic Ethnicity** – Hispanics had the highest rate in five regions. Hispanics and Non-Hispanics had the same rate in the Central region. Non-Hispanics had a higher rate in the West Metro region.
- **Preferred Language** – In four regions, the only reportable preferred language group was English and this group's highest rate was found in the West Metro region. Patients who preferred speaking Spanish had the highest rate in two regions.
- **Country of Origin** – The United States was the only reportable country of origin group in three regions. This group's highest rate was found in the West Metro region and it had the lowest rate in three regions. Patients born in an Asian country had the highest rate in three regions.

Optimal Asthma Control – Adult

- **Race** – The White racial group had the highest rate in six regions, tying with the Multi-Racial group for the highest rate in the West Metro region. The Black or African American racial group had the lowest rate in seven regions.
- **Hispanic Ethnicity** – Non-Hispanics had a higher rate compared to Hispanics in eight regions. Non-Hispanics and Hispanics had the same rate in the West Metro region. Hispanics had the highest rate in the West Metro region and the lowest rate in the Northwest region.
- **Preferred Language** – Patients who preferred speaking English had the highest rate in all nine regions. The English preferred language group was the only reportable group in three regions. Patients who preferred speaking Arabic, Somali and Spanish had the lowest rate in two regions.
- **Country of Origin** – In five regions, the only reportable country of origin group was the United States. This group's highest rates were in the East Metro and West Metro regions, and their lowest rate was in the Southwest region. Patients born in India and Somalia had the lowest rate for two regions.

Optimal Asthma Control – Children

- **Race** – For almost all racial groups, their highest rate was found in the East Metro and West Metro regions. The White racial group had the highest rate in four regions. The Black or African American racial group had the lowest rate in four regions.
- **Hispanic Ethnicity** – Non-Hispanics had a higher rate compared to Hispanics in six regions. Non-Hispanic was the only reportable ethnicity in the Northeast region. Hispanics had a higher rate in two regions.
- **Preferred Language** – In two regions, the only reportable preferred language group was English. This group's highest rate was found in the West Metro region and the lowest rate was found in the Northwest region. Patients who preferred speaking Somali had the lowest rate in three regions.
- **Country of Origin** – For six regions, the only reportable country of origin group was the United States. This group's highest rate was found in the West Metro region and the lowest rate was found in the Northwest region. Patients from Somalia had the highest rate in the East Metro region and lowest rate in the Minneapolis region.

Colorectal Cancer Screening

- **Race** – The East Metro and West Metro regions generally had higher rates than the other regions. The Southwest region generally had lower rates than the other regions. The White racial group had the highest rate in all nine regions. The Black or African American racial group had the lowest rate in four regions.
- **Hispanic Ethnicity** – Non-Hispanics had the highest rate compared to Hispanics in all nine regions. Hispanics had the highest rate in the East Metro region and the lowest rate in the St. Paul region.

Summary of Results

- **Preferred Language** – Patients who preferred speaking Sign Language had the highest rate in five regions, tying with Cantonese in the East Metro region. Patients who preferred speaking Somali had the lowest rate in seven regions. The Southwest region generally had the lowest screening rate compared to all other regions.
- **Country of Origin** – For four regions, the highest rates were held by patients from an Asian country. Patients from Canada had the highest rate for two regions, tying with Germany in the Northwest region. Patients from Somalia had the lowest rate in six regions.

Summary of Medical Group Rates by Clinical Measure

Optimal Diabetes Care

- **Race** – There were three racial groups with ten or more reportable medical groups: American Indian or Alaskan Native, Asian and Black or African American. Allina Health Clinics and Park Nicollet Health Services had optimal care rates that were significantly above the race averages for all three racial groups. For the American Indian or Alaskan Native and Black or African American racial groups, there were no medical groups with optimal care rates significantly above the overall statewide average. There were no medical group charts created for the White racial category due to its similarity in overall medical group performance.
- **Hispanic Ethnicity** – Allina Health Clinics had an optimal care rate significantly above the Hispanic and overall statewide averages. There were four medical groups (Entira Family Clinics, Allina Health Clinics, Park Nicollet Health Services and HealthPartners Clinics) with rates significantly above the Hispanic average. There were six medical groups with rates significantly below the Hispanic average.
- **Preferred Language** – There were three preferred

language groups with ten or more reportable medical groups: Hmong, Somali and Spanish. Allina Health Clinics had the highest optimal care rate for patients preferring Hmong and Spanish, and their rates were significantly above the preferred language averages and the overall statewide average for both groups. For patients preferring Somali, there were two medical groups (Mayo Clinic Health Systems and Fairview Health Services) with rates significantly above the Somali average; however, there were no medical groups with rates significantly above the overall statewide average. There were no medical group charts created for the English preferred language category due to its similarity in overall medical group performance.

- **Country of Origin** – There were three country of origin groups with ten or more reportable medical groups: Laos, Mexico and Somalia. Allina Health Clinics had the highest optimal care rate for patients born in Laos and Mexico, and their rates were significantly above the country of origin averages and the overall statewide average for both groups. HealthPartners Clinics had optimal care rates that were significantly above the country of origin average for patients born in Mexico and Somalia. There were two medical groups for each country of origin group with rates significantly below the country of origin average. There were no medical group charts created for the United States category due to its similarity in overall medical group performance.

Optimal Vascular Care

- **Race** – There were three racial groups with ten or more reportable medical groups: American Indian or Alaskan Native, Asian and Black or African American. Allina Health Clinics had the highest rate for the American Indian or Alaskan Native and Black or African American racial groups. Entira Family Clinics had the highest rate for the Asian racial group. For the American Indian or Alaskan Native and Black or African American racial groups, there were no medical groups with rates significantly above the

Summary of Results

overall statewide averages. There were no medical group charts created for the White racial category due to its similarity in overall medical group performance.

- **Hispanic Ethnicity** – Park Nicollet Health Services had an optimal control rate significantly above the Hispanic and overall statewide averages. There were four medical groups (Park Nicollet Health Services, HealthPartners clinics, Allina Health Specialties and Allina Health Clinics) with rates significantly above the Hispanic average. There were no medical groups with rates significantly below the Hispanic average.
- **Preferred Language** – There were no language groups with ten or more reportable medical groups. No medical group charts were created for the English preferred language category due to its similarity in overall medical group performance.
- **Country of Origin** – There were no country of origin groups with ten or more reportable medical groups. No medical group charts were created for the United States category due to its similarity in overall medical group performance.

Optimal Asthma Control - Adults

- **Race** – There was one racial group with ten or more reportable medical groups: Black or African American. HealthPartners Central Minnesota Clinics had the highest rate and this rate was significantly above both the Black or African American and overall statewide averages. There were four medical groups (HealthPartners Central Minnesota Clinics, Allergy & Asthma Specialists, PA, Allina Health Clinics and Fairview Health Services) with rates significantly above the Black or African American average. There were no medical groups charts created for the White racial category due to its similarity in overall medical group performance.
- **Hispanic Ethnicity** – Allina Health Clinics and Fairview Health Services had optimal control rates that were significantly above both the Hispanic and

overall statewide averages. There were two medical groups with rates significantly below the Hispanic average.

- **Preferred Language** – There were no language groups with ten or more reportable medical groups. No medical group charts were created for the English preferred language category due to its similarity in overall medical group performance.
- **Country of Origin** – There were no country of origin groups with ten or more reportable medical groups. No medical group charts were created for the United States category due to its similarity in overall medical group performance.

Optimal Asthma Control - Children

- **Race** – There was one racial group with ten or more reportable medical groups: Black or African American. There were four medical groups (South Lake Pediatrics, CentraCare Health, Allina Health Clinics and Fairview Health Services) with optimal control rates significantly above both the Black or African American and overall statewide averages. There were eight medical groups with rates significantly below the Black or African American average. There were no medical groups charts created for the White racial category due to its similarity in overall medical group performance.
- **Hispanic Ethnicity** – South Lake Pediatrics had a rates that was significantly above both the Hispanic and overall statewide averages. There were two medical groups with rates significantly below the Hispanic average.
- **Preferred Language** – There was one preferred language group (Spanish) with ten or more reportable medical groups. Mayo Clinic Health System had the highest optimal control rate and this was significantly above both the Spanish and overall statewide averages. There was one medical group that had a rate significantly below Spanish average. There were no medical group charts created for the English preferred language category due to its similarity in overall medical group performance.

Summary of Results

Colorectal Cancer Screening

- **Race** – There were five racial groups with ten or more reportable medical groups: American Indian or Alaskan Native, Asian, Black or African American, Multi-Racial and Some Other Race. HealthPartners Clinics had screening rates significantly above the racial average for all five racial groups. Stillwater Medical Group had the highest rate for three racial groups (tied with Burnsville Family Physicians for Black or African American, Multi-Racial and Some Other Race), and had screening rates significantly above the racial average for Black or African American and Multi-Racial. There were no medical group charts created for the White racial category due to its similarity in overall medical group performance.
- **Hispanic Ethnicity** – There were nine medical groups that had a screening rate significantly above the Hispanic average. There were no medical groups with a screening rate significantly above the overall statewide average. There were 13 medical groups with a rate significantly below the Hispanic average.
- **Preferred Language** – There were five preferred language groups with ten or more reportable medical groups: Hmong, Laotian, Somali, Spanish and Vietnamese. For four preferred language groups (Hmong, Laotian, Somali and Spanish), there were no medical groups with a screening rate significantly above the overall statewide average. For the Vietnamese group, only one medical group (Fairview Health Services) had a rate significantly above the overall statewide average. Fairview Health Services had a screening rate significantly above the preferred language average for all five groups. There were no medical group charts created for the English preferred language category due to its similarity in overall medical group performance.
- **Country of Origin** – There were seven country of origin groups with ten or more reportable medical groups: Canada, Ethiopia, Germany, Laos, Mexico,

Somalia and Vietnam. Four country of origin groups (Ethiopia, Laos, Mexico and Somalia), there were no medical groups with rates significantly above the overall statewide average. Fairview Health Services had the highest screening rate for four categories: Canada, Ethiopia, Laos and Vietnam (tied with HealthPartners Clinics). There were no medical group charts created for the United States category due to its similarity in overall medical group performance.

Please see next page.

STATEWIDE RESULTS

Patient Experience of Care

PERSPECTIVES ON HEALTH EQUITY

BAO VANG

PRESIDENT AND CEO

HMONG AMERICAN PARTNERSHIP

St. Paul's Hmong American Partnership (HAP) is the largest Hmong non-profit in the United States; however, their programming goes beyond Southeast Asian communities to serve refugees and immigrants from all over the world. Their clients speak more than 18 different languages.

Bao Vang, President and CEO of HAP said preventive care and cancer screenings are a key challenge facing Minnesota's Southeast Asian community. "We know that a lot of Hmong community members don't actively seek preventive or routine health care," she explained, which can be the result of misconceptions and differing perspectives on Western medicine and particularly preventive care.

Many of the prominent health concerns among HAP's clients could be prevented, such as diabetes, high blood pressure, obesity and cancer. "These all impact a person's ability to continue to do well in school, to find a job, to care for their family," Vang said. "How do we do a better job connecting them to resources and screenings, and educating them?"

HAP's Learn and Live program is focused on increasing breast and cervical cancer screening among women. Discussion about these types of cancer is not a topic that is comfortable for many in the Southeast Asian community, particularly older generations, Vang said. "They don't believe in it – in fact they believe the opposite: that if you got a breast cancer screening, it's going to *cause* cancer by putting your body through a machine."

The Learn and Live program takes a multi-generational approach and focuses on educating the entire family about the benefits of screening. This allows women to have support from their spouse and kids, which are critical to ensuring they obtain the screenings. Vang also noted that incorporating cancer survivors speaking about the importance of being screened has been very successful.

"What drives the disparity is the lack of access and need for education and awareness," Vang said.

A lack of culturally relevant patient education may contribute to the poor patient experience ratings from Asian patients. Patients in the Asian racial group reported fewer positive patient experiences across all four domains – Provider Communication, Access, Overall Provider Rating and Office Staff – than any other racial group.

Vang said the patient experience ratings may result from a combination of Southeast Asian patients, particularly first-generation immigrants, not understanding the process or complexity of the system, and it not being well explained to them. Unfamiliar procedures, processes that are not well understood, and seeing varied people in a single appointment can be confusing and unsettling for patients if clinic staff is not explaining it to patients in a way they understand, she explained.

HAP expects to kick off projects focused on diabetes, high blood pressure and high cholesterol in the near future, and will use the successes of the Learn and Live program to identify the best way to build awareness and educate their clients about these important health issues.

Data collected for this measure are from the Clinic & Group Consumer Assessment of Healthcare Providers & Systems (CG-CAHPS) 2.0 adult 12-month survey, distributed by certified survey vendors on behalf of clinics and data submitted to MNMCM in 2015.

There are four composite measures (i.e., domains) generated from the survey data and reported as Top Box average scores. Each domain score is the percent of patients (i.e., survey respondents) calculated that answered the domain questions with the most positive responses (e.g., "Always" or rated their provider 9 or 10). The domains are "Access to Care," "Provider Communication," "Courteous and Helpful Office Staff," and "Provider Rating."

The Race/Ethnicity Top Box domain averages are:

- 58.6% for Access to Care;
- 82.0% for Provider Communication;
- 79.7% for Office Staff; and,
- 77.9% for Rating of Provider.

The CG-CAHPS survey collects Hispanic ethnicity and race information from the patient in a demographic section of the survey. These self-reported demographics were used to stratify and compare the Patient Experience domain results by Hispanic ethnicity and race categories.

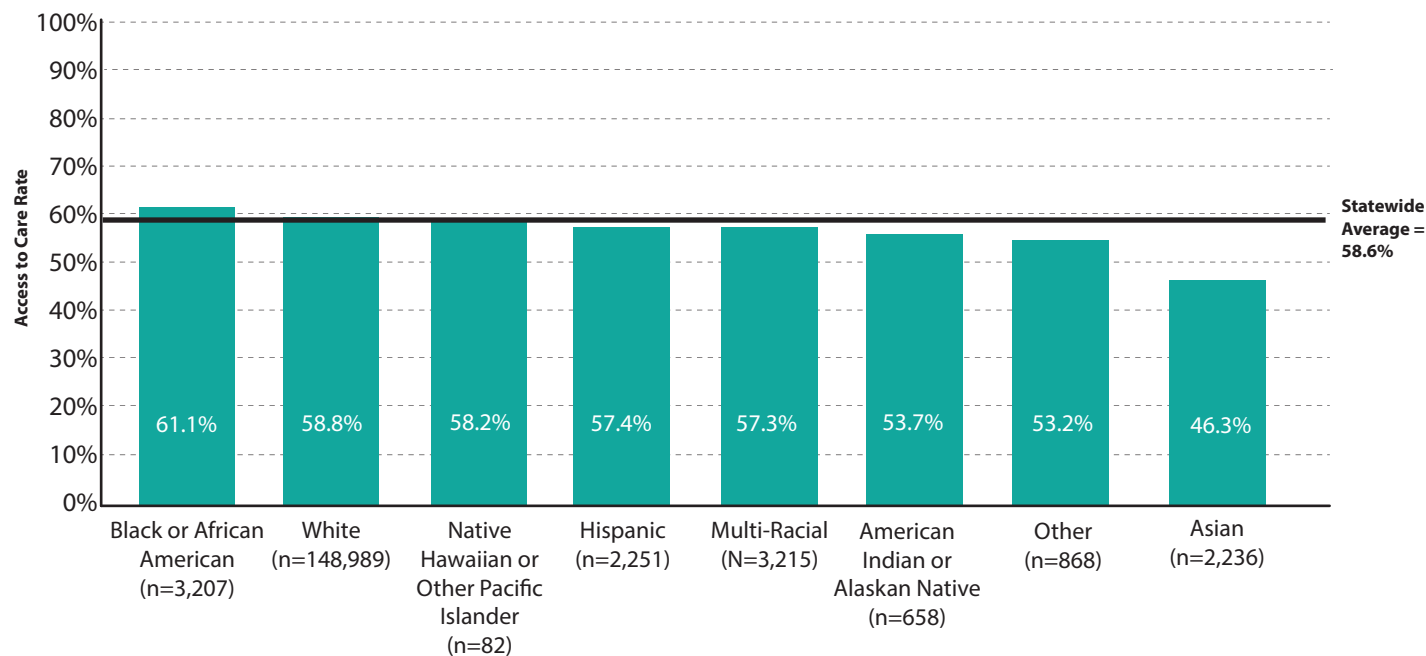
STATEWIDE RESULTS

Patient Experience of Care: Access to Care Domain

Figure 1 below shows statewide results for the Patient Experience of Care: Access to Care domain by race and Hispanic ethnicity. This measure indicates the percent of patients by race and Hispanic ethnicity category who answered the Access to Care domain questions with the most positive response (e.g., “Always”).

The Black or African American racial group had the highest percent of patients (61%) who gave Access to Care the top rating. The Asian racial group had the lowest percent of patients (46%) who gave Access to Care the top rating.

FIGURE 1: STATEWIDE RATES FOR PATIENT EXPERIENCE OF CARE BY RACE/ETHNICITY - ACCESS TO CARE



In addition to the results above, MNCM conducted significance testing on the full compliment of responses for this domain (i.e., not just the most positive responses as shown in the graph above). Significance testing is based on comparing one racial group's average of all question responses (e.g., “Always”, “Usually”, “Sometimes”, “Never”) for the domain to the average of all the other racial and ethnic categories. The White and Black or African American racial groups each had an overall domain average that was significantly above the average of all other race/ethnicity groups; the Asian racial group had an overall Access to Care average that was significantly below the average of all other race/ethnicity groups. Each of the other racial groups were not significantly different.

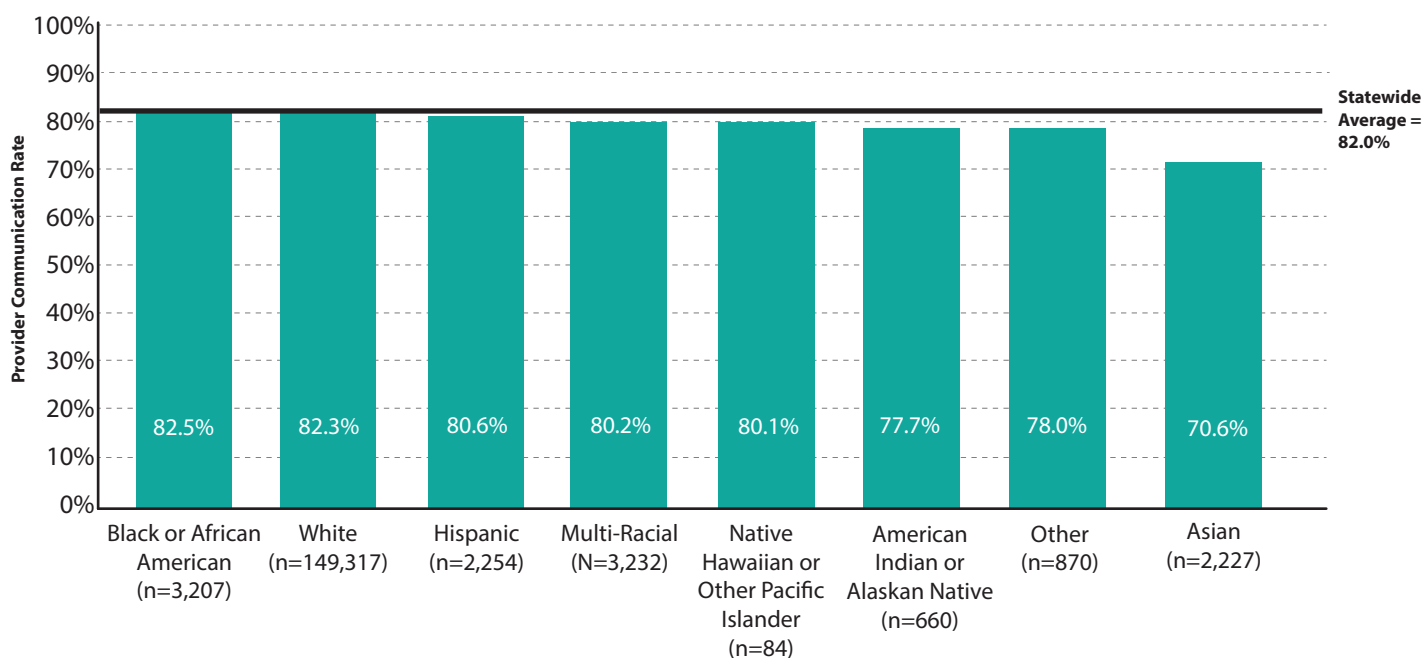
STATEWIDE RESULTS

Patient Experience of Care: Provider Communication Domain

Figure 2 below shows statewide results for the Patient Experience of Care: Provider Communication domain by race and Hispanic ethnicity. This measure indicates the percent of patients by race and Hispanic ethnicity category who answered the Provider Communication domain questions with the most positive response (e.g., “Always”).

The Black or African American and White racial groups had the highest percent of patients (82%) who gave Provider Communication the top rating. The Asian racial group had the lowest percent of patients (71%) who gave Provider Communication the top rating.

FIGURE 2: STATEWIDE RATES FOR PATIENT EXPERIENCE OF CARE BY RACE/ETHNICITY - PROVIDER COMMUNICATION



In addition to the results above, MNCM conducted significance testing on the full compliment of responses for this domain (i.e., not just the most positive responses as shown in the graph above). Significance testing is based on comparing one racial group's average of all question responses (e.g., “Always”, “Usually”, “Sometimes”, “Never”) for the domain to the average of all the other racial and ethnic categories. The White and Black or African American racial groups each had an overall domain average that was significantly above the average of all other race/ethnicity groups; the Asian racial group had an overall Provider Communication average that was significantly below the average of all other race/ethnicity groups. Each of the other racial groups were not significantly different.

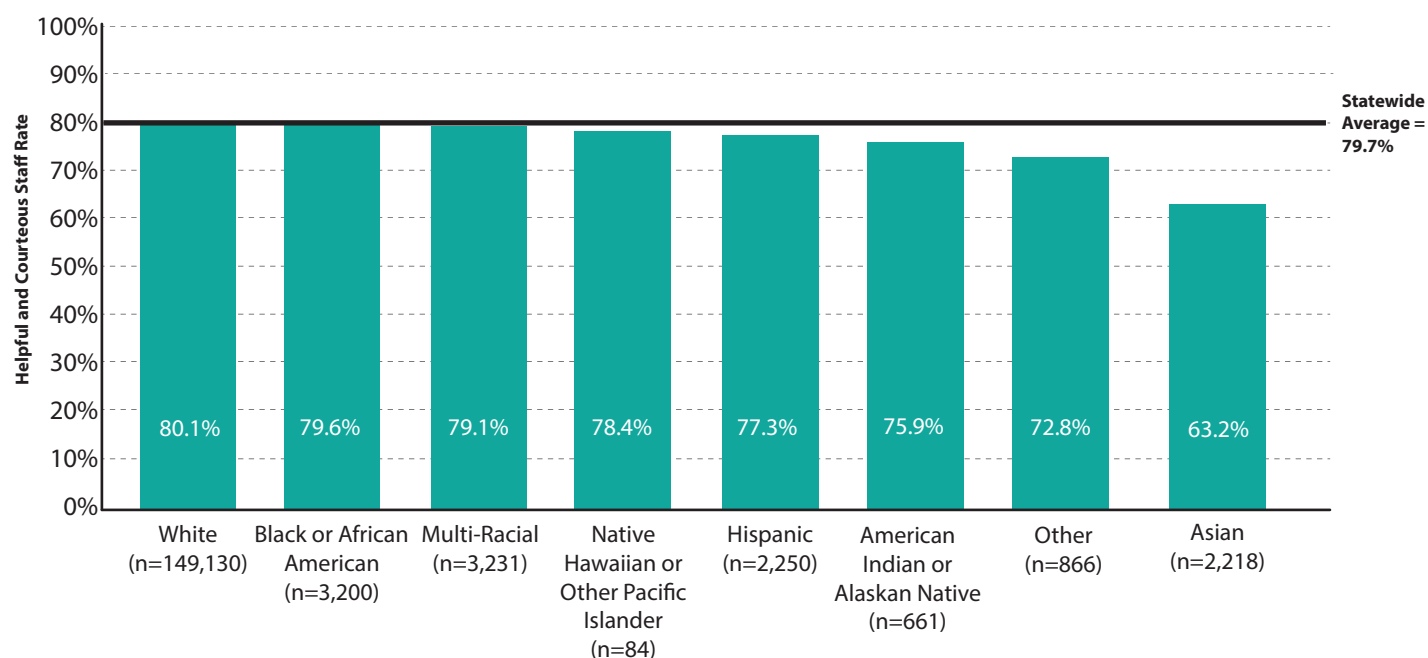
STATEWIDE RESULTS

Patient Experience of Care: Courteous and Helpful Office Staff Domain

Figure 3 below shows statewide results for the Patient Experience of Care: Courteous and Helpful Office Staff domain by race and Hispanic ethnicity. This measure indicates the percent of patients by race and Hispanic ethnicity category who answered the Office Staff domain questions with the most positive response (e.g., “Always”).

The Black or African American and White racial groups had the highest percent of patients (80%) who gave Office Staff the top rating. The Asian racial group had the lowest percent of patients (63%) who gave Office Staff the top rating.

FIGURE 3: STATEWIDE RATES FOR PATIENT EXPERIENCE OF CARE BY RACE/ETHNICITY - OFFICE STAFF



In addition to the results above, MNCM conducted significance testing on the full compliment of responses for this domain (i.e., not just the most positive responses as shown in the graph above). Significance testing is based on comparing one racial group's average of all question responses (e.g., “Always”, “Usually”, “Sometimes”, “Never”) for the domain to the average of all the other racial and ethnic categories. The White, Black or African American and Multi-Racial groups each had an overall domain average that was significantly above the average of all other race/ethnicity groups; the Asian racial group had an overall Courteous and Helpful Office Staff average that was significantly below the average of all other race/ethnicity groups. Each of the other racial groups were not significantly different.

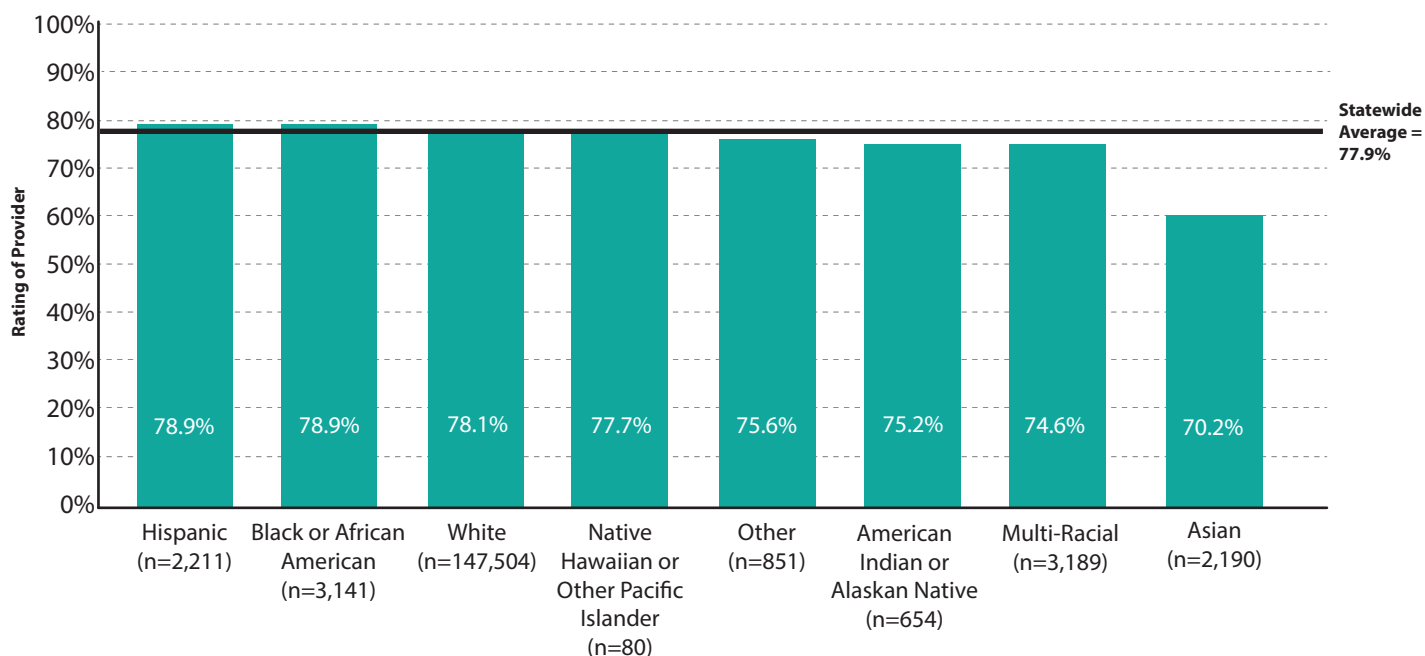
STATEWIDE RESULTS

Patient Experience of Care: Provider Rating Domain

Figure 4 below shows statewide results for the Patient Experience of Care: Provider Rating domain by race and Hispanic ethnicity. This measure indicates the percent of patients by race and Hispanic ethnicity category who answered the Provider Rating domain questions with the most positive response (e.g., “9 or 10”).

The Hispanic ethnicity and Black or African American racial groups had the highest percent of patients (79%) who gave their provider the top rating. The Asian racial group had the lowest percent of patients (70%) who gave their providers the top rating.

FIGURE 4: STATEWIDE RATES FOR PATIENT EXPERIENCE OF CARE BY RACE/ETHNICITY - RATING OF PROVIDER



In addition to the results above, MNCM conducted significance testing on the full compliment of responses for this domain (i.e., not just the most positive responses as shown in the graph above). Significance testing is based on comparing one racial group's average of all question responses (e.g., “Always”, “Usually”, “Sometimes”, “Never”) for the domain to the average of all the other racial and ethnic categories. The Hispanic ethnicity, Black or African American and White racial groups each had an overall domain average that was significantly above the average of all other racial/ethnicity groups; the Asian racial group had an overall Provider Rating average that was significantly below the average of all other race/ethnicity groups. Each of the other racial groups were not significantly different.

Please see next page.

REGIONAL RESULTS

Patient Experience of Care: Access to Care Domain

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race/Ethnicity

For each race/ethnicity group, **results were stratified by region for comparative analysis**. For Patient Experience: Access to Care, the highest and lowest rates by region were found for each of the following racial groups:

The highest and lowest rates for **each race/ethnicity group** were found in the following regions:

- **American Indian or Alaskan Native:** This racial group had the highest percentage of patients rating access to care high in the East Metro region (67%); the lowest percentage of patients rating access high was in the Northwest region at 44%.
- **Asian:** This racial group had the highest percentage of patients rating access to care high in the Southwest region (53%); the lowest percentage of patients rating access to care high was in the Northeast region at 39%.
- **Black or African American:** This racial group had the highest percentage of patients rating access to care high in the Northeast, East Metro and West Metro regions (62%); the lowest percentage of patients rating access to care high was in the Minneapolis and St. Paul regions at 56%.
- **Multi-racial:** This racial group had the highest percentage of patients rating access to care high in the Northeast region (66%); the lowest percentage of patients rating access to care high was in the West Metro region at 49%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** This racial group had the highest percentage of patients rating access to care high in the East Metro region (57%); the lowest percentage of patients rating access to care high was in the Southeast region at 42%.
- **White:** This racial group had the highest percentage of patients rating access to care high in the West Metro region (60%); the lowest percentage of patients rating access to care high was in the Southeast region at 54%.
- **Hispanic Ethnicity:** This ethnic group had the highest percentage of patients rating access to care high in the Central region (59%); the lowest percentage of patients rating access to care high was in the East Metro region at 50%.

REGIONAL RESULTS

Patient Experience of Care: Access to Care Domain

No race/ethnicity group had the majority of regions with the highest percentage of patients rating access to care high. The Asian racial group had the majority of regions with the lowest percentage of patients rating access to care high, which occurred in seven of the eight regions that the racial group was reportable for.

The highest and lowest rates were held by the following racial groups in **each region**:

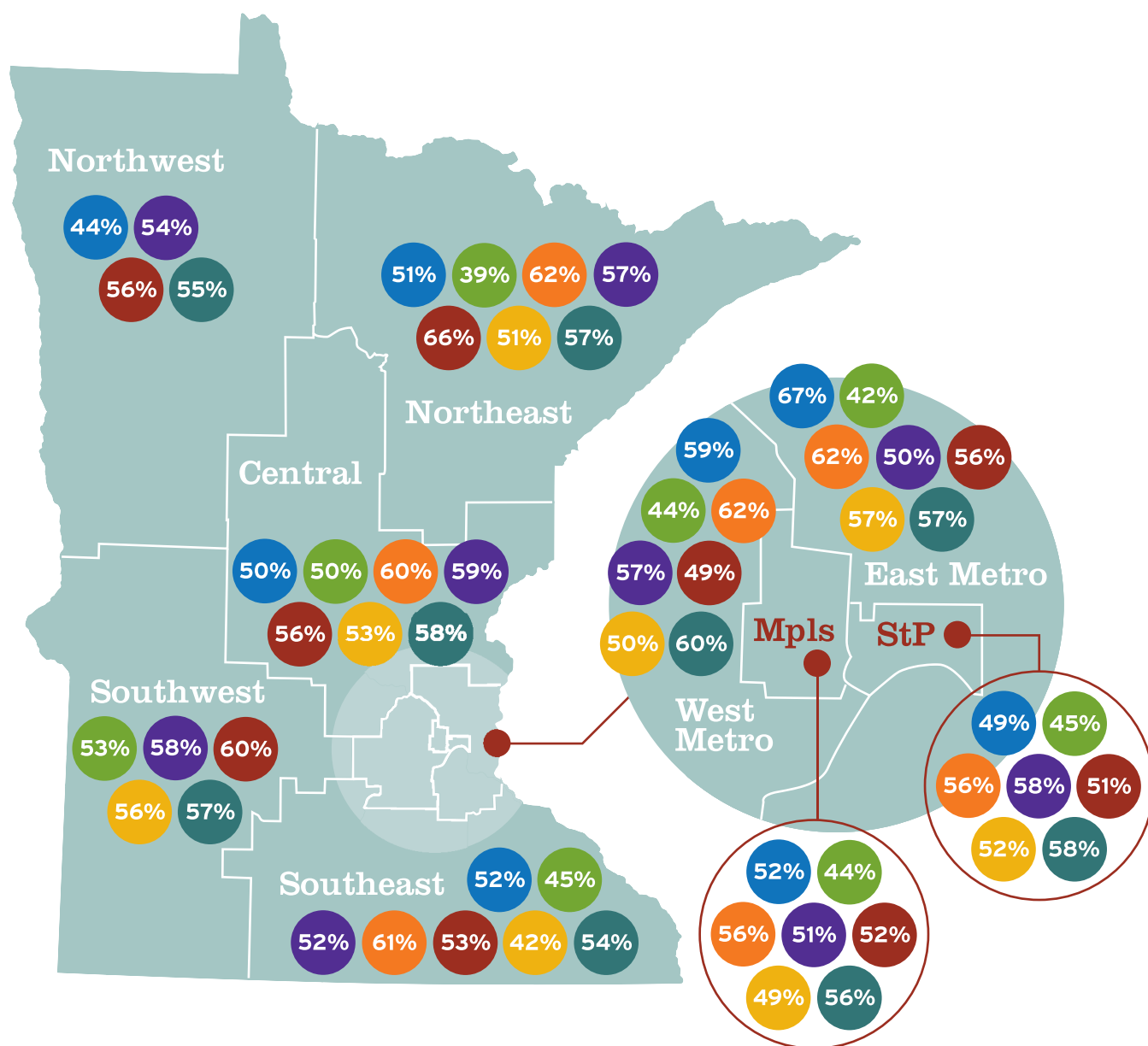
- **Minneapolis:** Black or African American and White patients had the highest percentage of patients (56%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 44%.
- **West Metro:** Black or African American patients had the highest percentage of patients (62%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 44%.
- **St. Paul:** White and patients of Hispanic ethnicity had the highest percentage of patients (58%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 45%.
- **East Metro:** American Indian or Alaskan Native had the highest percentage of patients (67%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 42%.
- **Northwest:** Multi-Racial patients had the highest percentage of patients (56%) rating access to care high; American Indian or Alaskan Native patients had the lowest percentage of patients rating access to care high at 44%.
- **Central:** Black or African American patients had the highest percentage of patients (60%) rating access to care high; American Indian or Alaskan Native and Asian patients had the lowest percentage of patients rating access to care high at 50%.
- **Northeast:** Multi-Racial patients had the highest percentage of patients (66%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 39%.
- **Southeast:** Black or African American patients had the highest percentage of patients (61%) rating access to care high; patients of Some Other Race had the lowest percentage of patients rating access to care high at 42%.
- **Southwest:** Multi-Racial patients had the highest percentage of patients (60%) rating access to care high; Asian patients had the lowest percentage of patients rating access to care high at 53%.

The following pages display graphics comparing Patient Experience: Access to Care rates by race and region. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

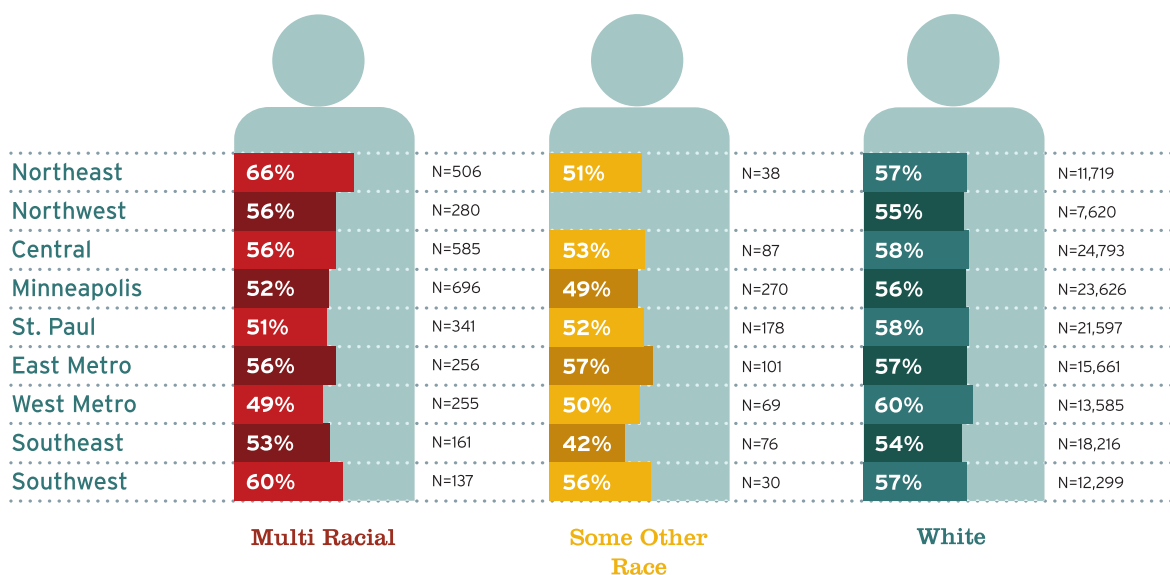
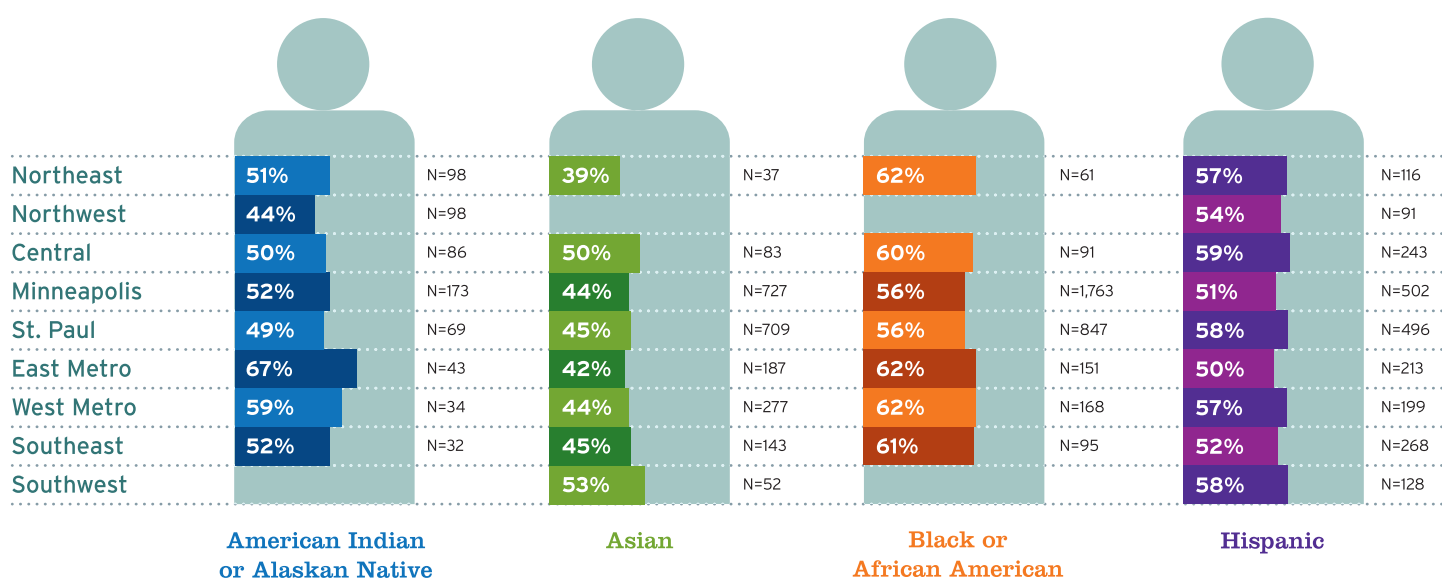
Patient Experience of Care: Access to Care Domain by Race/Ethnicity

- American Indian or Alaskan Native
- Asian
- Black or African American
- Hispanic

- Multi Racial
- Some Other Race
- White



Patient Experience of Care: Access to Care Domain by Race/Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Patient Experience of Care: Provider Communication Domain

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race/Ethnicity

For each race/ethnicity group, **results were stratified by region for comparative analysis**. For Patient Experience: Provider Communication, the highest and lowest rates by region were found for each of the following racial groups:

The highest and lowest rates for **each race/ethnicity group** were found in the following regions:

- **American Indian or Alaskan Native:** This racial group had the highest percentage of patients rating their provider's communication high in the East Metro region (88%); the lowest percentage of patients rating their provider's communication high was in the Northwest region at 69%.
- **Asian:** This racial group had the highest percentage of patients rating their providers' communication high in the Southeast region (77%); the lowest percentage of patients rating their provider's communication high was in the St. Paul region at 68%.
- **Black or African American:** This racial group had the highest percentage of patients rating their providers' communication high in the Southeast region (87%); the lowest percentage of patients rating their provider's communication high was in the East Metro region at 80%.
- **Multi-racial:** This racial group had the highest percentage of patients rating their providers' communication high in the Southwest region (85%); the lowest percentage of patients rating their provider's communication high was in the East Metro region at 78%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** This racial group had the highest percentage of patients rating their provider's communication high in the Central and Southwest regions (84%); the lowest percentage of patients rating their provider's communication high was in the Northeast and West Metro regions at 73%.
- **White:** The ratings for how well providers communicate for this racial group were similar throughout all nine regions, ranging from 80% to 84%. This racial group had the highest percentage of patients rating their provider's communication high in the West Metro and Southeast regions (84%); the lowest percentage of patients rating their provider's communication high was in the Northwest region at 80%.
- **Hispanic Ethnicity:** This racial group had the highest percentage of patients rating their provider's communication high in the Central region (86%); the lowest percentage of patients rating their provider's communication high was in the Minneapolis and East Metro regions at 77%.

REGIONAL RESULTS

Patient Experience of Care: Provider Communication Domain

The Black or African American racial group had the majority of regions with the highest percentage of patients rating their provider's communication high, which occurred in four of the seven regions that the racial group was reportable for. The Asian racial group had the majority of regions with the lowest percentage of patients rating their provider's communication high, which occurred in six of the eight regions that the racial group was reportable for.

The highest and lowest rates were held by the following racial groups in **each region**:

- **Minneapolis:** White patients had the highest percentage of patients (82%) rating their provider's communication high; Asian patients had the lowest percentage of patients rating their provider's communication high at 70%.
- **West Metro:** American Indian or Alaskan Native patients had the highest percentage of patients (87%) rating their provider's communication high; Asian patients had the lowest percentage of patients rating their provider's communication high at 71%.
- **St. Paul:** Black or African American patients had the highest percentage of patients (84%) rating their provider's communication high; Asian patients had the lowest percentage of patients rating their provider's communication high at 68%.
- **East Metro:** American Indian or Alaskan Native patients had the highest percentage of patients (88%) rating their provider's communication high; Asian patients had the lowest percentage of patients rating their provider's communication high at 74%.
- **Northwest:** Patients of Hispanic ethnicity had the highest percentage of patients (81%) rating their provider's communication high; American Indian or Alaskan Native patients had the lowest percentage of patients rating their provider's communication high at 69%.
- **Central:** Patients of Hispanic ethnicity had the highest percentage of patients (86%) rating their provider's communication high; American Indian or Alaskan Native patients had the lowest percentage of patients rating their provider's communication high at 74%.
- **Northeast:** Black or African American patients had the highest percentage of patients (84%) rating their provider's communication high; patients of Some Other Race had the lowest percentage of patients rating their provider's communication high at 73%.
- **Southeast:** Black or African American patients had the highest percentage of patients (87%) rating their provider's communication high; Asian patients and patients of Some Other Race had the lowest percentage of patients rating their provider's communication high at 77%.
- **Southwest:** Multi-Racial patients had the highest percentage of patients (85%) rating their provider's communication high; Asian patients had the lowest percentage of patients rating their provider's communication high at 69%.

REGIONAL RESULTS

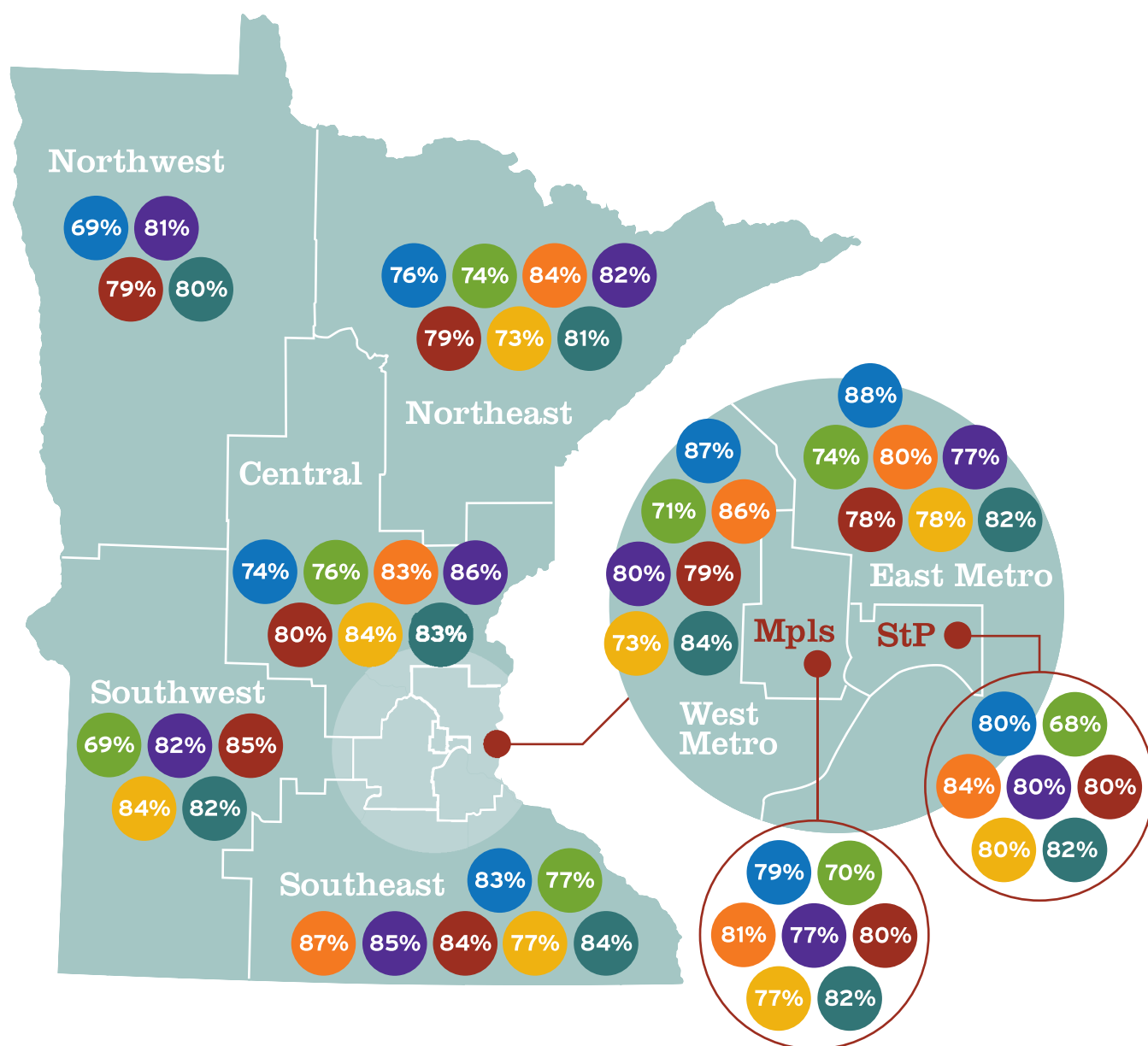
Patient Experience of Care: Provider Communication Domain

The following pages display graphics comparing Patient Experience: Provider Communication rates by race and region. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

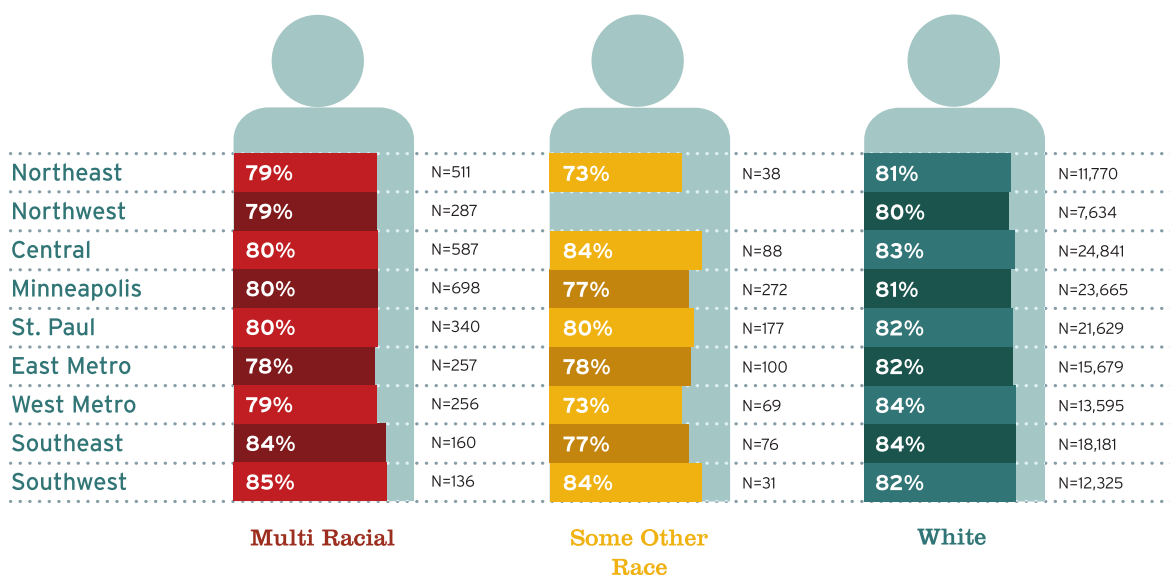
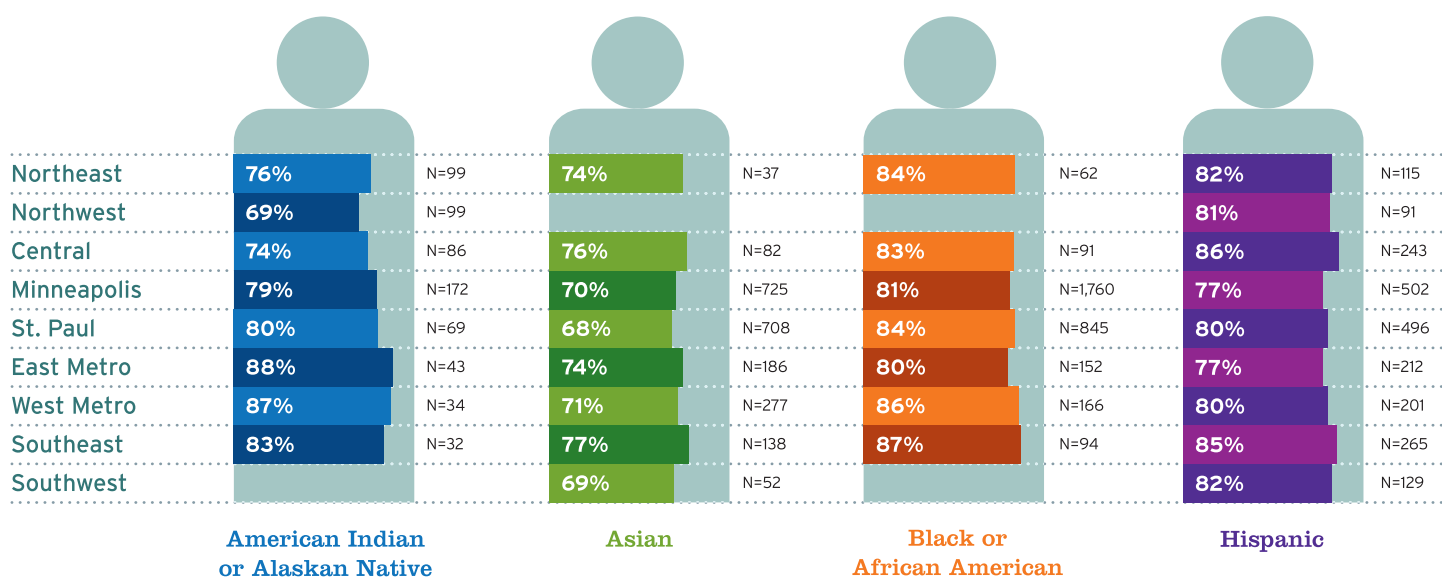
Patient Experience of Care: Provider Communication Domain by Race/Ethnicity

- American Indian or Alaskan Native
- Asian
- Black or African American
- Hispanic

- Multi Racial
- Some Other Race
- White



Patient Experience of Care: Provider Communication Domain by Race/Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Patient Experience of Care: Courteous and Helpful Office Staff Domain

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race/Ethnicity

For each race/ethnicity group, **results were stratified by region for comparative analysis**. For the Patient Experience: Courteous and Helpful Office Staff domain, the highest and lowest rates by region were found for each of the following racial groups:

The highest and lowest rates for **each race/ethnicity group** were found in the following regions:

- **American Indian or Alaskan Native:** This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the St. Paul region (83%); the lowest percentage of patients rating office staff high was in the Southeast region at 70%.
- **Asian:** This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the Central region (71%); the lowest percentage of patients rating office staff high was in the St. Paul region at 61%.
- **Black or African American:** This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the Northeast region (85%); the lowest percentage of patients rating office staff high was in the East Metro region at 78%.
- **Multi-racial:** This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the Southwest region (83%); the lowest percentage of patients rating office staff high was in the West Metro region at 72%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the Central region (81%); the lowest percentage of patients rating office staff high was in the Southwest region at 62%.
- **White:** The rates for this racial group on Courteous and Helpful Office Staff were similar throughout all nine regions, between 79% and 81%. This racial group had the highest percentage of patients rating the office staff as courteous and helpful in the Central and West Metro regions (81%). The lowest percentage of patients rating office staff high was in the Northwest and Southeast regions at 79%.
- **Hispanic Ethnicity:** This ethnic group had the highest percentage of patients rating the office staff as courteous and helpful in the Central region (83%); and the lowest percentage of patients rating office staff high was in the Southeast region at 74%.

REGIONAL RESULTS

Patient Experience of Care: Courteous and Helpful Office Staff Domain

No race/ethnicity group had the majority of regions with the highest percentage of patients rating office staff high. The Asian racial group had the majority of regions with the lowest percentage of patients rating office staff high, which occurred in seven of the eight regions that racial group was reportable for.

The highest and lowest rates were held by the following racial groups in **each region**:

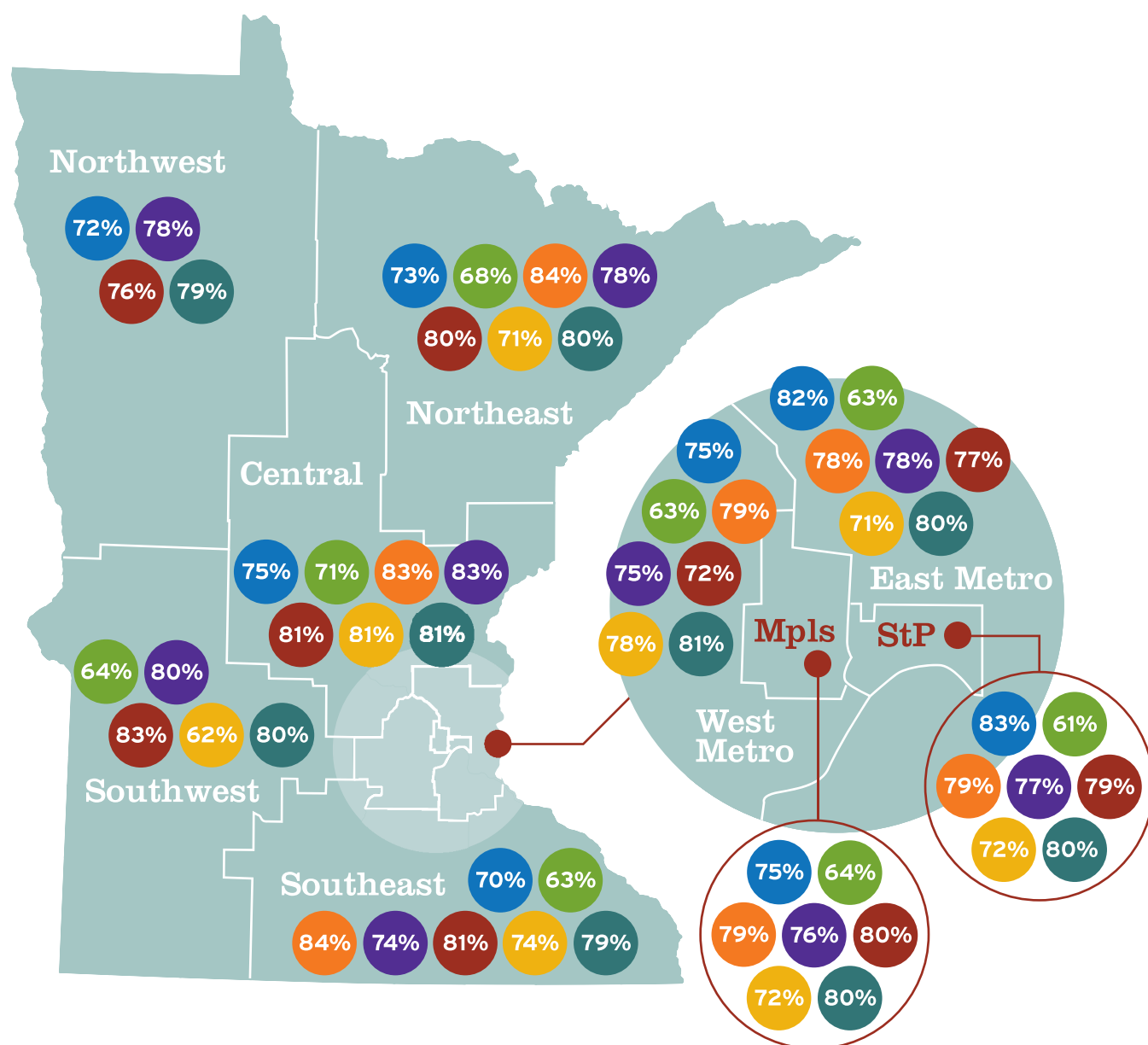
- **Minneapolis:** White and Multi-Racial patients had the highest percentage of patients (80%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 64%.
- **West Metro:** White patients had the highest percentage of patients (81%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 63%.
- **St. Paul:** American Indian or Alaskan Native patients had the highest percentage of patients (83%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 61%.
- **East Metro:** American Indian or Alaskan Native patients had the highest percentage of patients (82%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 63%.
- **Northwest:** White patients had the highest percentage of patients (79%) rating Courteous and Helpful Office Staff high; American Indian or Alaskan Native had the lowest percentage of patients rating office staff high at 72%.
- **Central:** Black or African American and patients of Hispanic ethnicity had the highest percentage of patients (83%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 71%.
- **Northeast:** Black or African American patients had the highest percentage of patients (84%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 68%.
- **Southeast:** Black or African American patients had the highest percentage of patients (84%) rating Courteous and Helpful Office Staff high; Asian patients had the lowest percentage of patients rating office staff high at 63%.
- **Southwest:** Multi-Racial patients had the highest percentage of patients (83%) rating Courteous and Helpful Office Staff high; patients of Some Other Race had the lowest percentage of patients rating office staff high at 62%.

The following pages display graphics comparing Patient Experience: Courteous and Helpful Office Staff rates by race and region. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

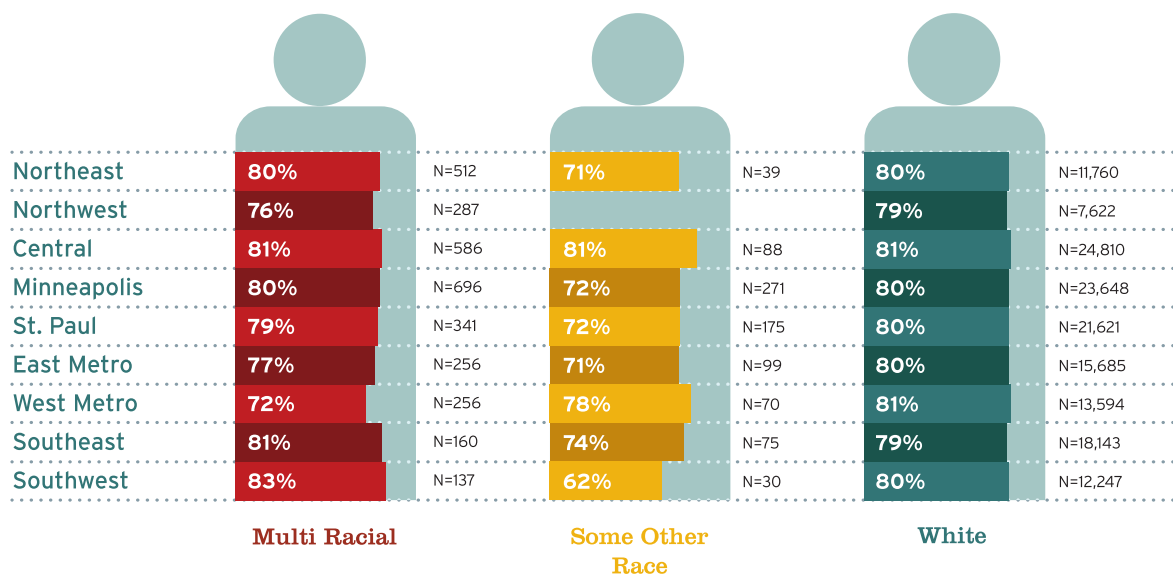
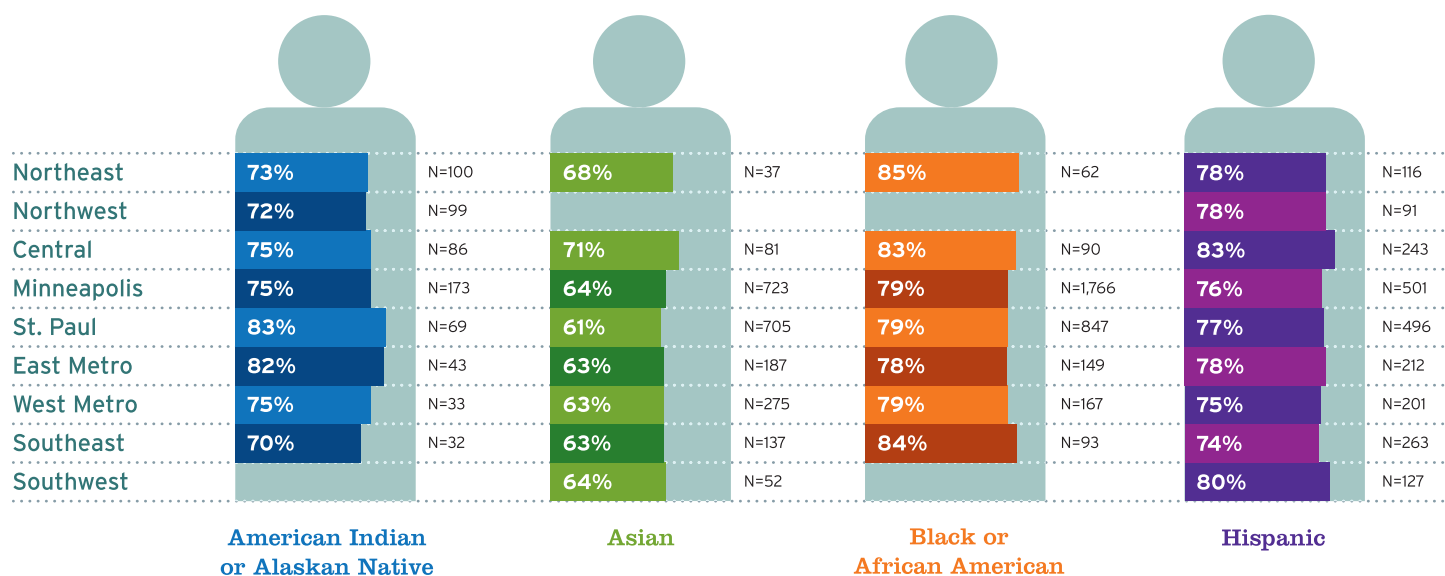
Patient Experience of Care: Courteous and Helpful Office Staff Domain by Race/Ethnicity

- American Indian or Alaskan Native
- Asian
- Black or African American
- Hispanic

- Multi Racial
- Some Other Race
- White



Patient Experience of Care: Courteous and Helpful Office Staff Domain by Race/Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

Patient Experience of Care: Provider Rating Domain

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race/Ethnicity

For each race/ethnicity group, **results were stratified by region for comparative analysis.** For Patient Experience: Providers with a “Most Positive” Rating, the highest and lowest rates by region were found for each of the following racial groups:

The highest and lowest rates for **each race/ethnicity group** were found in the following regions:

- **American Indian or Alaskan Native:** This racial group had the highest percentage of patients rating their provider 9 or 10 in the East and West Metro regions (83%); the lowest percentage of patients rating their provider 9 or 10 was in the Central region at 67%.
- **Asian:** This racial group had the highest percentage of patients rating their provider 9 or 10 in the Central region (77%); the lowest percentage of patients rating their provider 9 or 10 was in the St. Paul and Northeast regions at 68%.
- **Black or African American:** This racial group had the highest percentage of patients rating their provider 9 or 10 in the Central region (81%); the lowest percentage of patients rating their provider 9 or 10 was in the Northeast region at 75%.
- **Multi-Racial:** This racial group had the highest percentage of patients rating their provider 9 or 10 in the Southeast and Southwest regions (80%); the lowest percentage of patients rating their provider 9 or 10 was in the Northeast region at 70%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** This racial group had the highest percentage of patients rating their provider 9 or 10 in the Southeast region (83%); the lowest percentage of patients rating their provider 9 or 10 was in the Northeast region at 70%.
- **White:** The rates for this racial group for providers with a 9 or 10 rating were similar throughout all nine regions, ranging from 75% to 80%. This racial group had the highest percentage of patients rating their provider 9 or 10 in the West Metro and Southeast regions (80%). The lowest percentage of patients rating their provider 9 or 10 was in the Northeast region at 75%.
- **Hispanic Ethnicity:** This ethnic group had the highest percentage of patients rating their provider 9 or 10 in the Northwest region (83%); the lowest percentage of patients rating their provider 9 or 10 was in the Northeast region at 70%.

REGIONAL RESULTS

Patient Experience of Care: Provider Rating Domain

No race/ethnicity group had the majority of regions with the highest percentage of patients rating their provider 9 or 10. The Asian racial group had the majority of regions with the lowest percentage of patients rating their provider 9 or 10, which occurred in five of the eight regions this racial group was reportable for.

The highest and lowest rates were held by the following racial groups in **each region**:

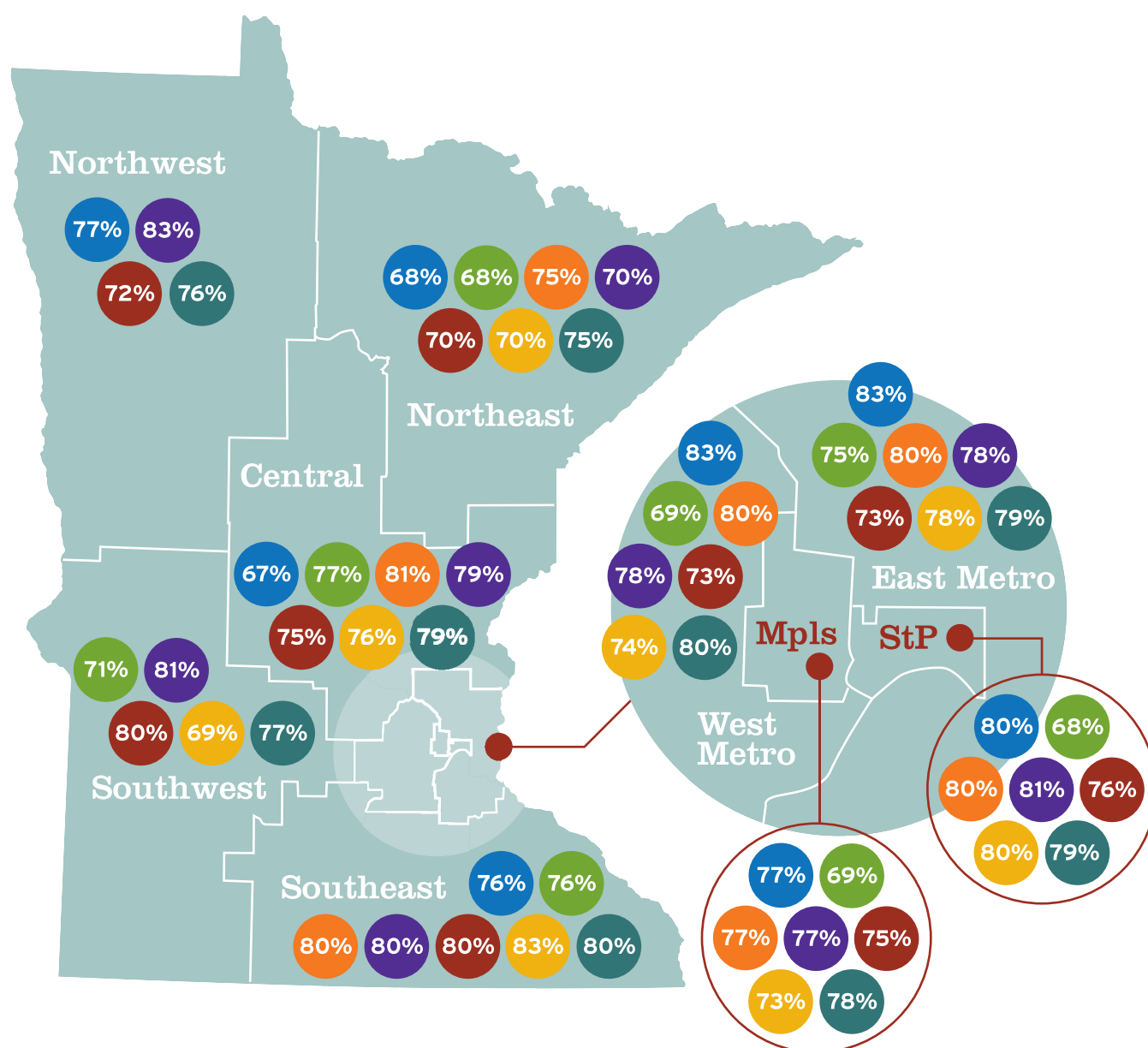
- **Minneapolis:** White patients had the highest percentage of patients (78%) rating their provider 9 or 10; Asian patients had the lowest percentage of patients rating their provider 9 or 10 at 69%.
- **West Metro:** American Indian or Alaskan Native patients had the highest percentage of patients (83%) rating their provider 9 or 10; Asian patients had the lowest percentage of patients rating their provider 9 or 10 at 69%.
- **St. Paul:** Patients of Hispanic ethnicity had the highest percentage of patients (81%) rating their provider 9 or 10; Asian patients had the lowest percentage of patients rating their provider 9 or 10 at 68%.
- **East Metro:** American Indian or Alaskan Native patients had the highest percentage of patients (83%) rating their provider 9 or 10; Multi-Racial patients had the lowest percentage of patients rating their provider 9 or 10 at 73%.
- **Northwest:** Patients of Hispanic ethnicity had the highest percentage of patients (83%) rating their provider 9 or 10; Multi-Racial patients had the lowest percentage of patients rating their provider 9 or 10 at 72%.
- **Central:** Black or African American patients had the highest percentage of patients (81%) rating their provider 9 or 10; American Indian or Alaskan Native patients had the lowest percentage of patients rating their provider 9 or 10 at 67%.
- **Northeast:** White and Black or African American patients had the highest percentage of patients (75%) rating their provider 9 or 10; American Indian or Alaskan Native and Asian patients had the lowest percentage of patients rating their provider 9 or 10 at 68%.
- **Southeast:** Patients of Some Other Race had the highest percentage of patients (83%) rating their provider 9 or 10; Asian and American Indian or Alaskan Native patients had the lowest percentage of patients rating their provider 9 or 10 at 76%.
- **Southwest:** Patients of Hispanic ethnicity had the highest percentage of patients (81%) rating their provider 9 or 10; patients of Some Other Race had the lowest percentage of patients rating their provider 9 or 10 at 69%.

The following pages display graphics comparing Patient Experience: Providers with a “Most Positive” Rating rates by race and region. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

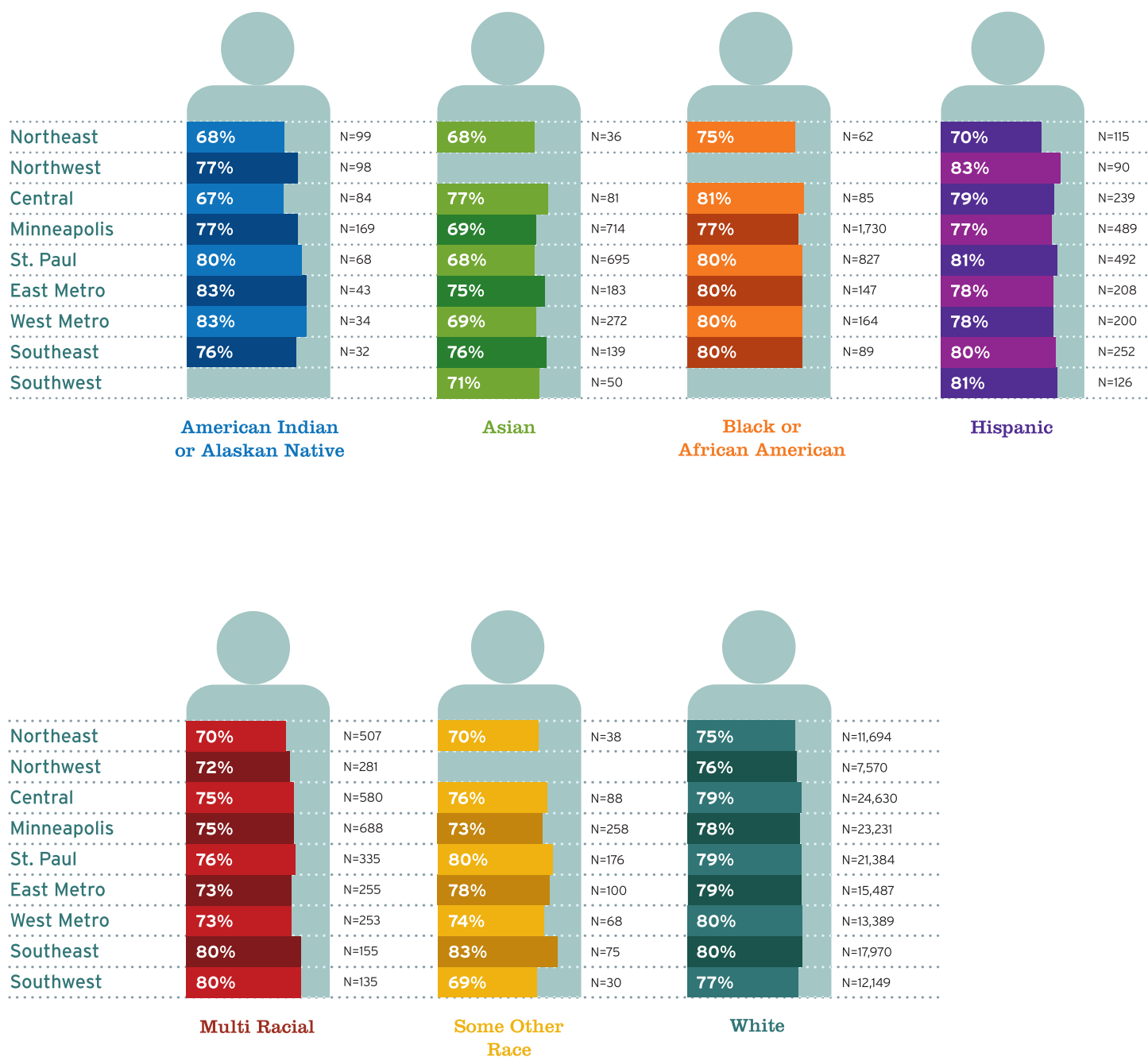
Patient Experience of Care: Provider Rating Domain by Race/Ethnicity

- American Indian or Alaskan Native
- Asian
- Black or African American
- Hispanic

- Multi Racial
- Some Other Race
- White



Patient Experience of Care: Provider Rating Domain by Race/Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

Please see next page.

STATEWIDE RESULTS

Optimal Diabetes Care

PERSPECTIVES ON HEALTH EQUITY

MOLLIE O'BRIEN

DIRECTOR OF HEALTH EQUITY

ALLINA HEALTH

As one of Minnesota's largest health care providers, Allina Health believes it has a responsibility to address disparities in clinical quality outcomes and is actively establishing the infrastructure, programs, policies and processes to do so. One of the most critical elements is the collection and use of data to target equity-focused quality improvement efforts.

Allina collects race, ethnicity, language and country of origin information from patients and evaluates it on a wide range of measures, including diabetes, asthma, cancer screenings, depression and C-sections. These and other measures are included in Allina's clinical quality dashboards, which allow them to identify and monitor disparities in real time.

"Having this information available at our fingertips makes a world of difference," said Mollie O'Brien. "This data is critical for instilling accountability and leading change."

It also allows Allina to aggressively target and monitor progress toward eliminating disparities in particular areas. Allina has set the goal of eliminating disparities in diabetes outcomes and colorectal cancer screening by 2020.

One program designed to help achieve the diabetes goal is the use of *Equity Care Guides*, which bridge clinical care and community-based resources and supports. The guides are focused on African American, Hispanic and Somali patients. Each helps patients navigate the health care system and provides connection to resources at both Allina and in the community, such as diabetes peer support, prescription assistance, transportation and financial services. They also help patients bring information back to the clinic about aspects of their homes or communities that make it easier or harder to manage their diabetes, allowing the provider to tailor their care.

To eliminate disparities in colorectal cancer screening, fecal occult blood test (FOBT) kits were mailed to patients as an alternative to complete the screening in the comfort and convenience of their own homes. "Making screening more convenient and private eliminates many of the barriers that patients face," O'Brien explained. Although kits are still coming in and it's too early to determine success rates, initial results are positive.

Physicians and nurses in 15 clinics were also trained on the common barriers, including cultural barriers, faced by patients related to colorectal cancer screening and diabetes management. Additionally, educational materials on both topics were translated in the top four languages spoken by Allina's patients, and Allina is in the process of creating a video to educate Somali-speaking patients about colorectal cancer screening.

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

- Blood pressure less than 140/90 mmHg
- Hemoglobin A1c (HbA1c) less than 8
- Daily aspirin use for diabetes patients with a comorbidity of ischemic vascular disease unless contraindicated
- Documented tobacco-free status

The statewide rate for Optimal Diabetes Care is 53%.

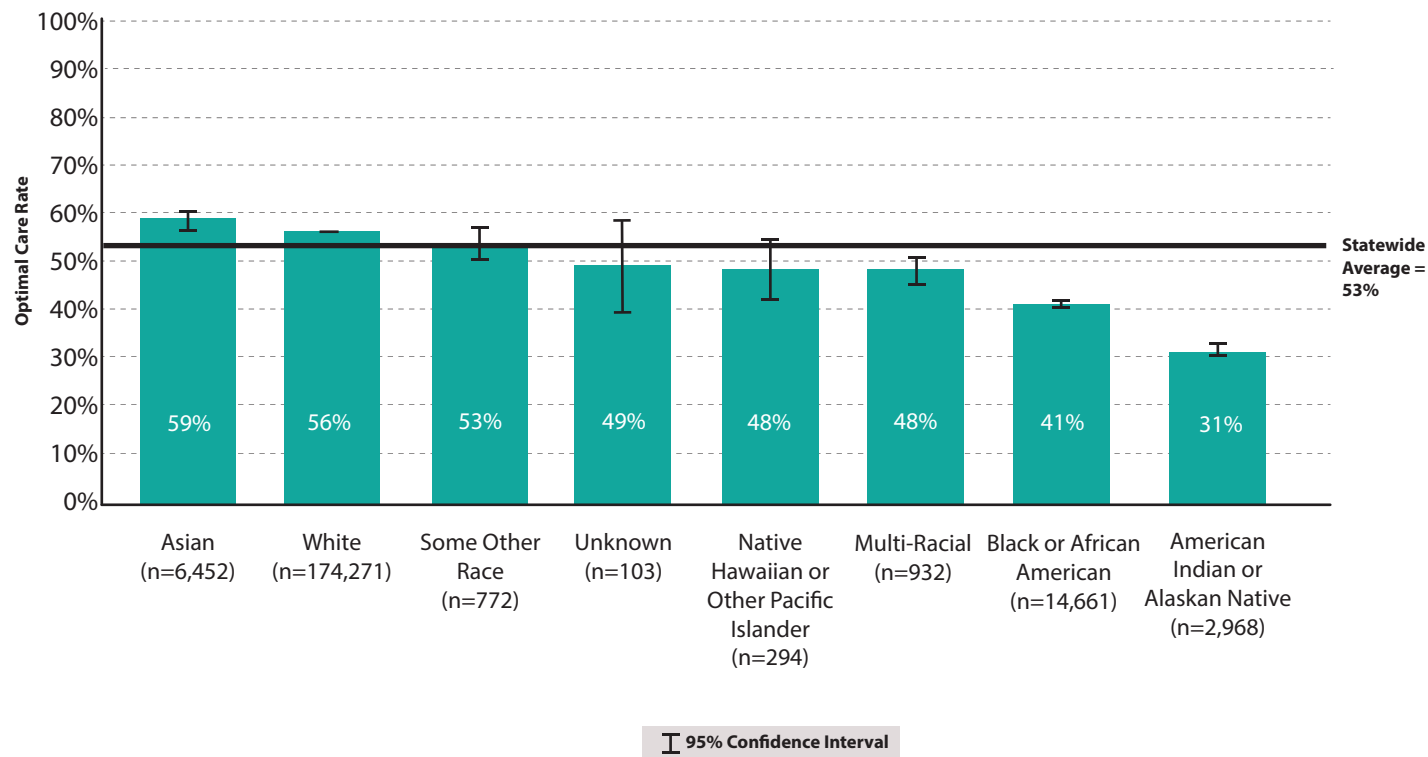
Credit is given for achieving this composite rate when all four measure components are met. Data collected for this measure are submitted directly to MNMCM by medical groups/clinics from electronic health records or paper-based medical charts.

**For the 2015 report year, this composite measure included four components. In 2016, it will return to a five-component composite.*

STATEWIDE RESULTS BY RACE

Optimal Diabetes Care

Figure 5 shows statewide Optimal Diabetes Care rates by race. The Asian group had the highest rate of optimal care at 59%. This is significantly above the statewide average (53%) and is also significantly above the White racial group. The White racial group was the only other racial group significantly above the statewide average rate at 56%. The American Indian or Alaskan Native racial group had the lowest rate of optimal care at 31% and this was significantly below the statewide average. Additionally, the Multi-Racial and Black or African American racial groups had rates significantly below the statewide average.

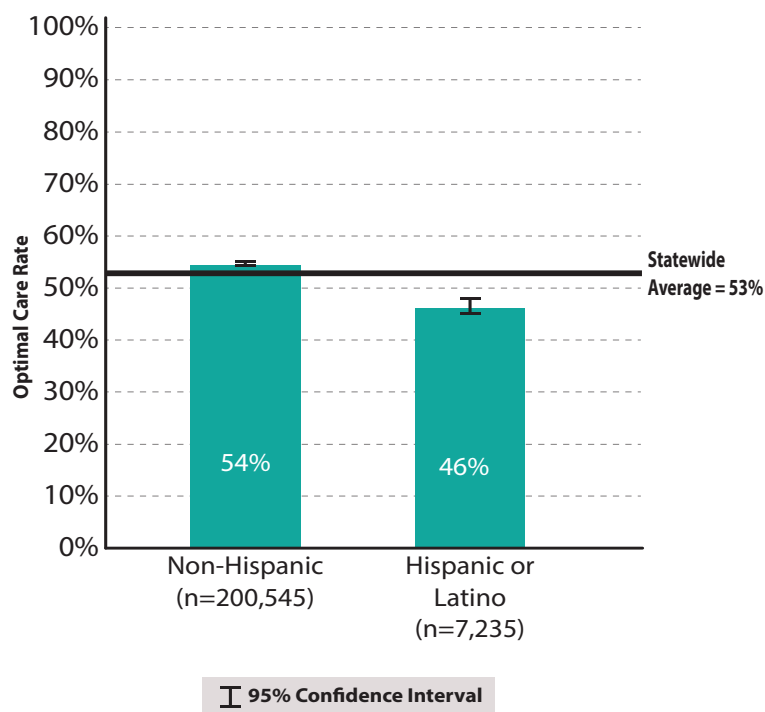
FIGURE 5: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY RACE

STATEWIDE RESULTS BY HISPANIC ETHNICITY

Optimal Diabetes Care

Figure 6 shows statewide Optimal Diabetes Care rates by Hispanic ethnicity. Non-Hispanics had a significantly higher rate of optimal care (54%) than both the statewide average (53%) and Hispanics (46%). Hispanics had an optimal care rate significantly lower than the statewide average.

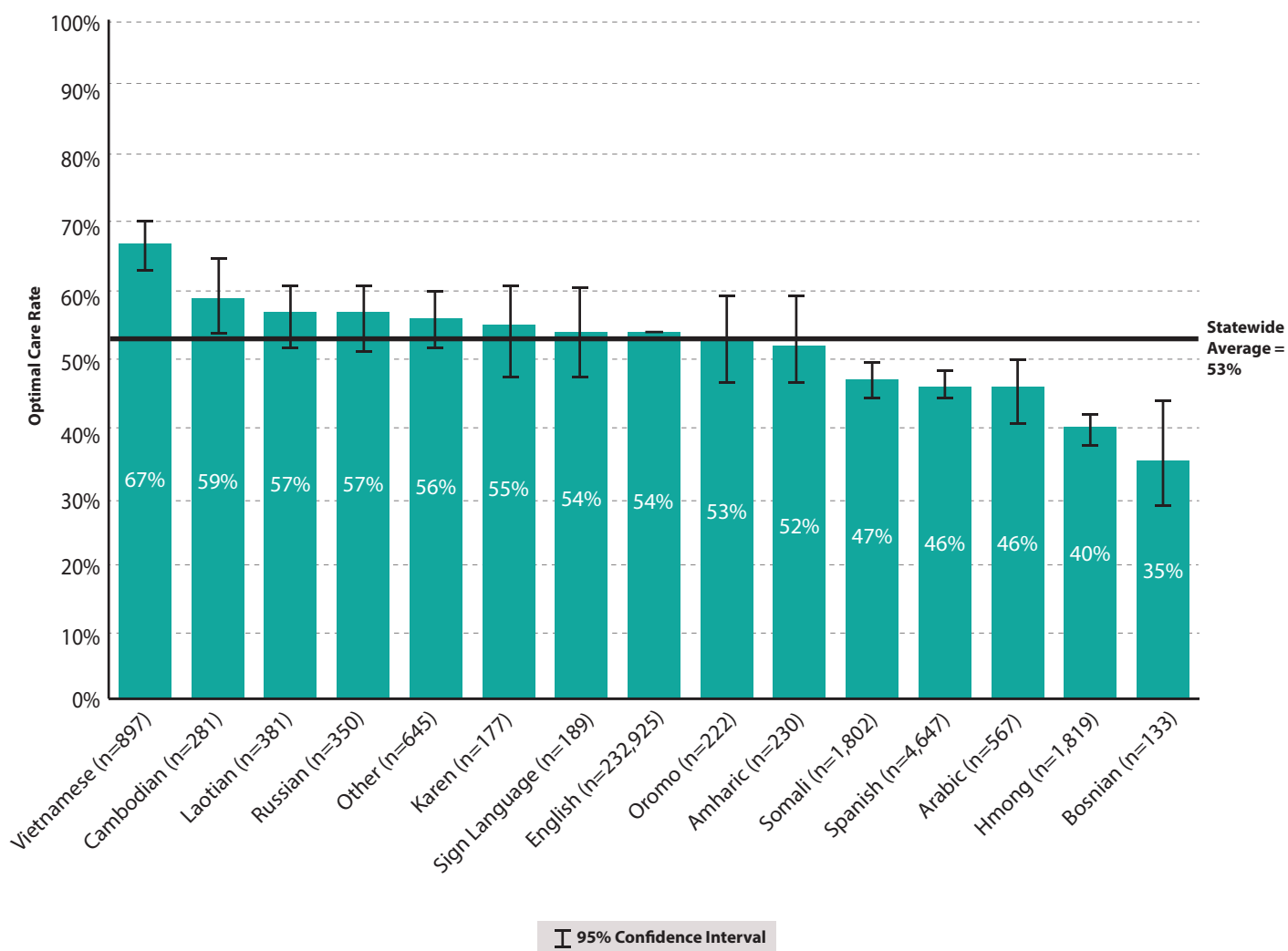
FIGURE 6: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY HISPANIC ETHNICITY



STATEWIDE RESULTS BY PREFERRED LANGUAGE

Optimal Diabetes Care

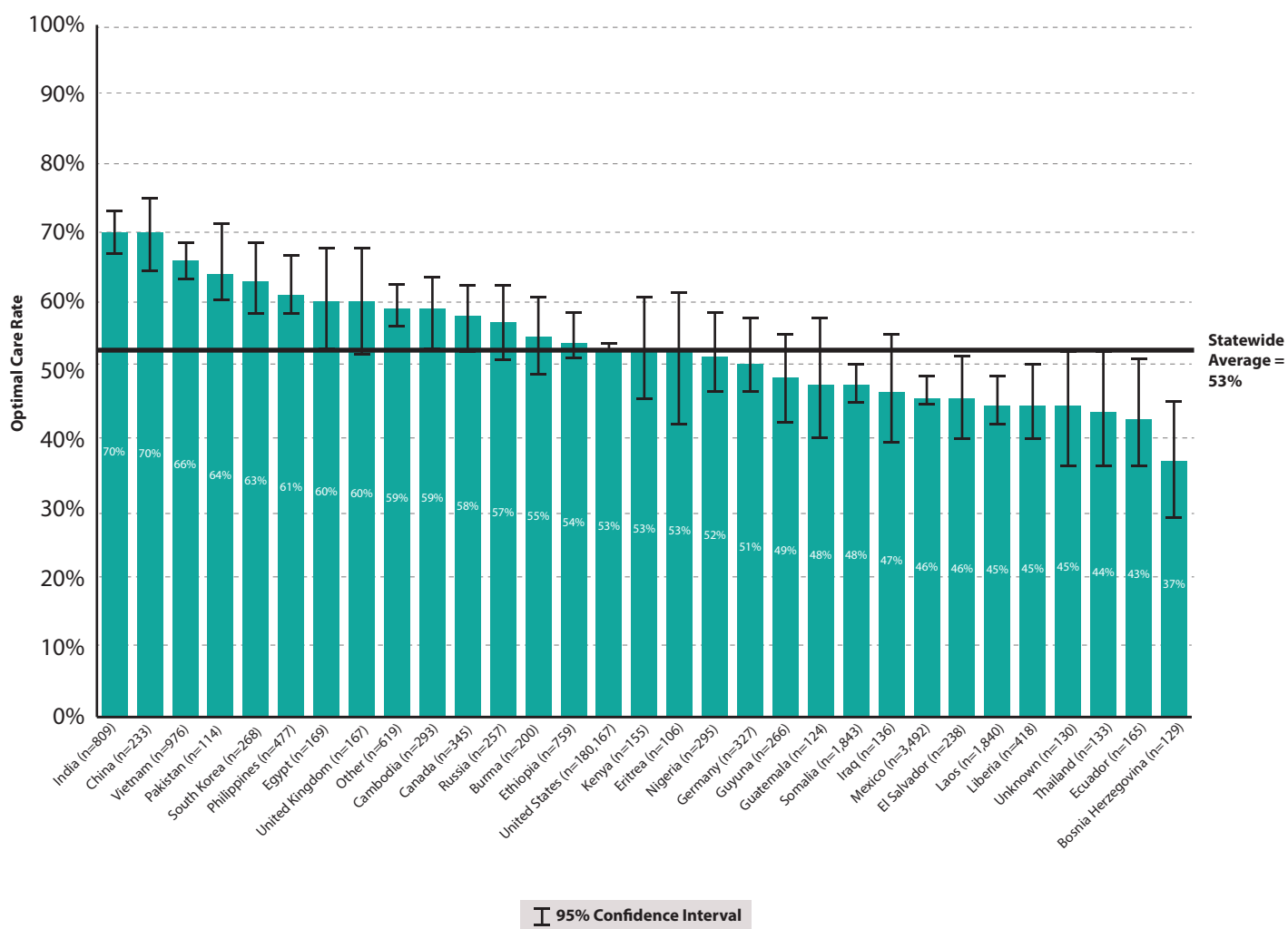
Figure 7 shows statewide Optimal Diabetes Care rates by preferred language. Patients who indicated Vietnamese as their preferred language had the highest rate of optimal care (67%) and this rate is significantly higher than the statewide average (53%). Patients who indicated Cambodian and English as their preferred languages also had optimal care rates significantly higher than the statewide average. Patients who indicated Bosnian as their preferred language had the lowest rate of optimal care (35%) and this was significantly below the statewide average. Notably, patients that selected Somali, Spanish, Arabic and Hmong as their preferred languages also had optimal care rates below the statewide average.

FIGURE 7: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY PREFERRED LANGUAGE

STATEWIDE RESULTS BY COUNTRY OF ORIGIN

Optimal Diabetes Care

Figure 8 shows statewide Optimal Diabetes Care rates by country of origin. Patients born in India had the highest rate of optimal care at 70%, which was significantly above the statewide average (53%). This was also significantly above the rate of patients born in the United States (53%). Other countries that had optimal care rates above the statewide average were China, Vietnam, Pakistan, South Korea and the Philippines. Patients born in Bosnia Herzegovina had the lowest optimal care rate at 37%. Notably, patients born in Somalia, Mexico, El Salvador, Laos, Liberia, Ecuador and Bosnia Herzegovina had rates of optimal care below both the statewide average and the United States-born optimal rate.

FIGURE 8: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY COUNTRY OF ORIGIN

Please see next page.

REGIONAL RESULTS

Optimal Diabetes Care

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race

Statewide rates for each racial group were stratified by region for comparative analyses. The highest and lowest rates for **each racial group** were found in the following regions:

- **American Indian or Alaskan Native:** The highest rate for this racial group was found in the Southeast region at 51%; the lowest rate was found in the Northwest region at 24%.
- **Asian:** The highest rate for this racial group was found in the Northeast region at 68%; the lowest rate was found in the Northwest region at 44%.
- **Black or African American:** The highest rate for this racial group was found in the East Metro region at 51%; the lowest rate was found in the Northeast region at 33%.
- **Multi-Racial:** The highest rate for this racial group was found in the West Metro region at 59%; the lowest rate was found in the Minneapolis region at 37%.
- **Native Hawaiian or Other Pacific Islander:** The highest rate for this racial group was found in the East Metro region at 53%; the lowest rate was found in the Central region at 44%.
- **Some Other Race:** The highest rate for this racial group was found in the West Metro region at 61%; the lowest rate was found in the Central region at 38%.
- **White:** The highest rate for this racial group was found in East Metro region at 61%; the lowest rate was found in the Minneapolis region at 48%.

The Asian racial group had the highest rate in five out of nine regions. The American Indian or Alaskan Native racial group had the lowest rate in eight out of nine regions.

The highest and lowest rates were held by the following racial groups in **each region**:

- **Minneapolis:** Some Other Race patients had the highest rate at 51%; American Indian or Alaskan Native patients had the lowest rate at 26%.
- **West Metro:** Asian patients had the highest rate at 65%; American Indian or Alaskan Native patients had the lowest rate at 41%.

REGIONAL RESULTS

Optimal Diabetes Care

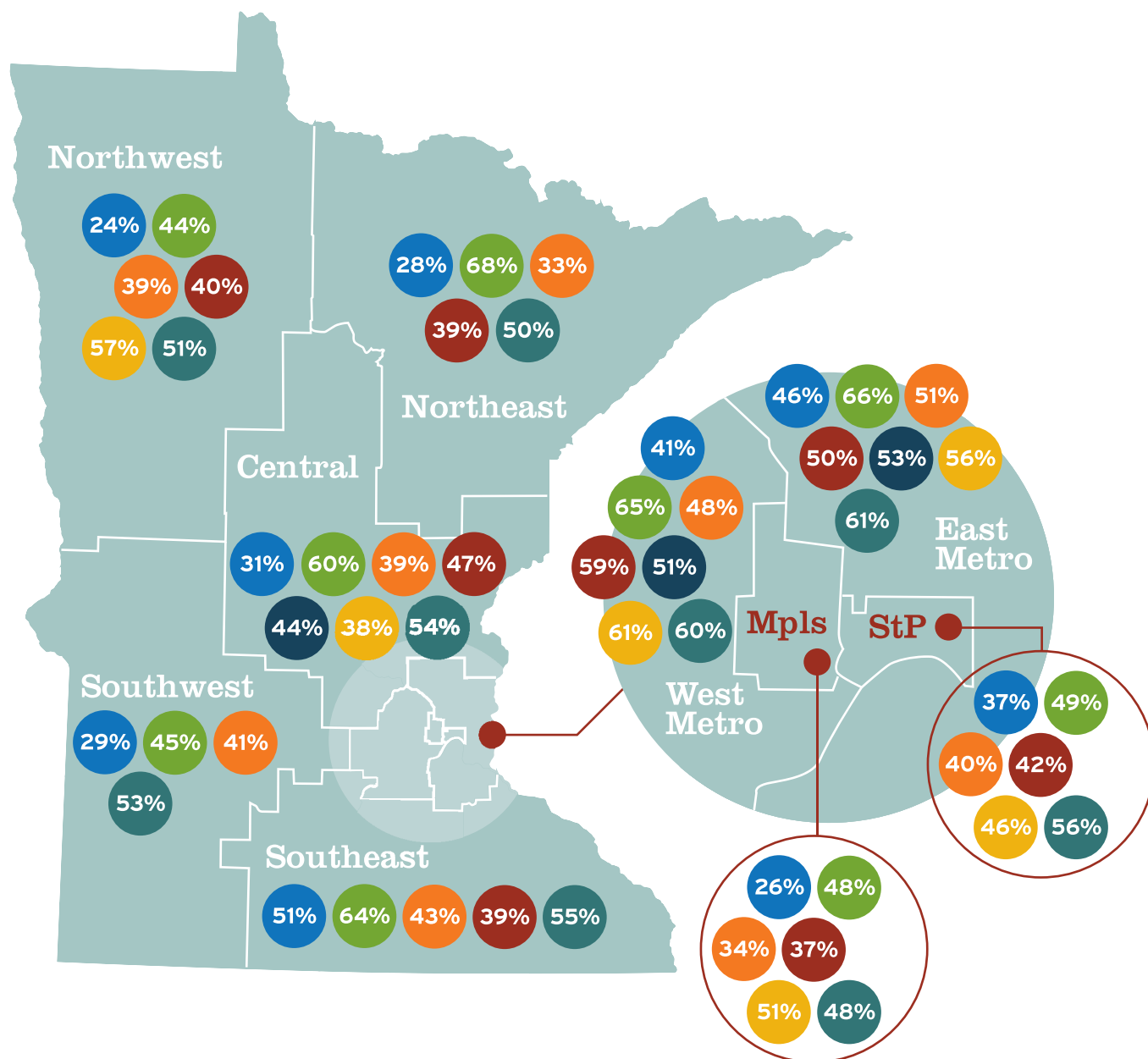
- **St. Paul:** White patients had the highest rate at 56%; American Indian or Alaskan Native patients had the lowest rate at 37%.
- **East Metro:** Asian patients had the highest rate at 66%; American Indian or Alaskan Native patients had the lowest rate at 46%.
- **Northwest:** Patients with Some Other Race had the highest rate at 57%; American Indian or Alaskan Native patients had the lowest rate at 24%.
- **Central:** Asian patients had the highest rate at 60%; American Indian or Alaskan Native patients had the lowest rate at 31%.
- **Northeast:** Asian patients had the highest rate at 68%; American Indian or Alaskan Native patients had the lowest rate at 28%.
- **Southwest:** White patients had the highest rate at 53%; American Indian or Alaskan Native patients had the lowest rate at 29%.
- **Southeast:** Asian patients had the highest rate at 64%; Multi-Racial patients had the lowest rate at 39%.

The following pages display graphics comparing Optimal Diabetes Care regional rates by race. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

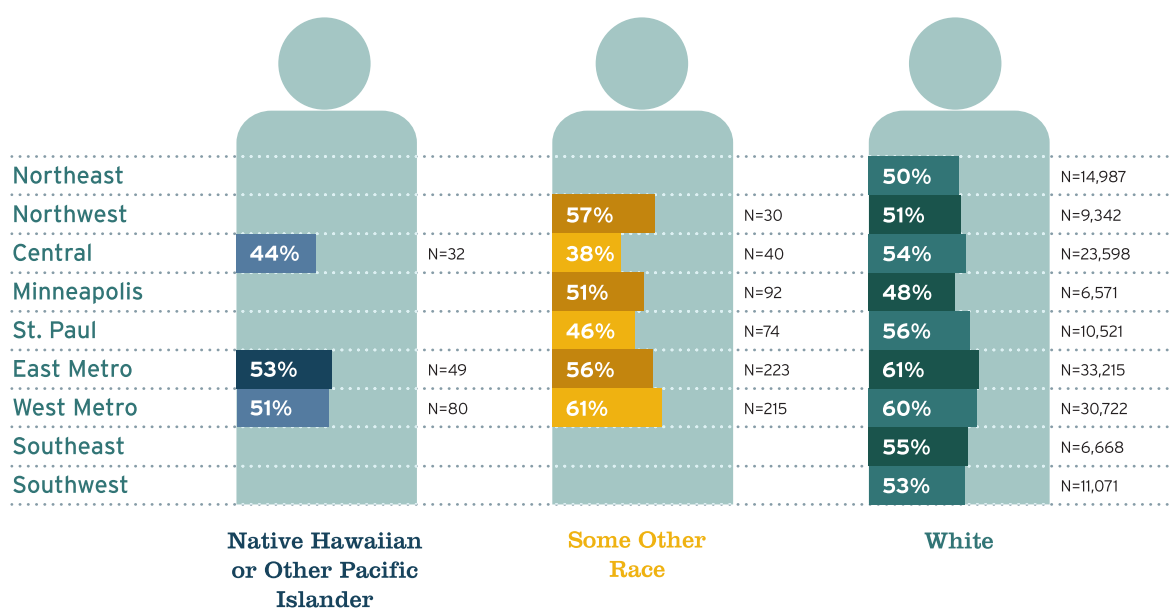
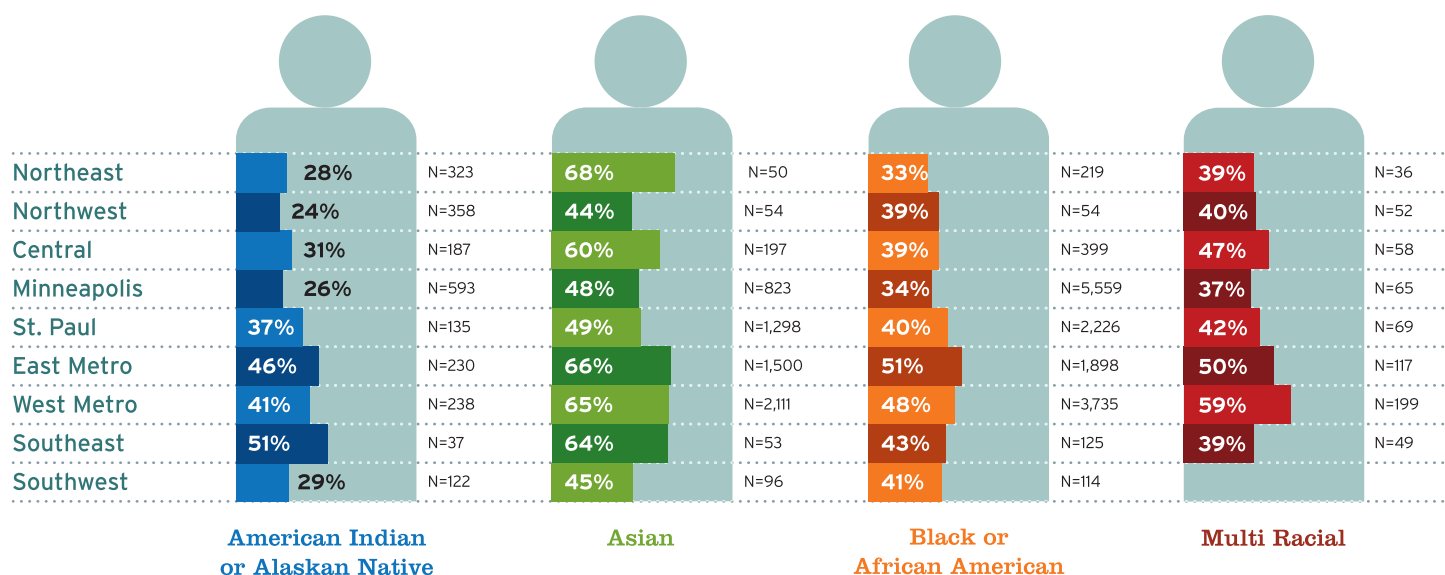
Optimal Diabetes Care Rates by Race

- American Indian or Alaskan Native
- Asian
- Black or African American
- Multi Racial

- Native Hawaiian or Other Pacific Islander
- Some Other Race
- White



Optimal Diabetes Care Rates by Race



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Diabetes Care

Regional Results by Hispanic Ethnicity

Statewide rates for each ethnic group were stratified by region for comparative analyses. Non-Hispanics had a higher rate compared to Hispanics in eight regions. Hispanics had a higher rate than Non-Hispanics in the Minneapolis region.

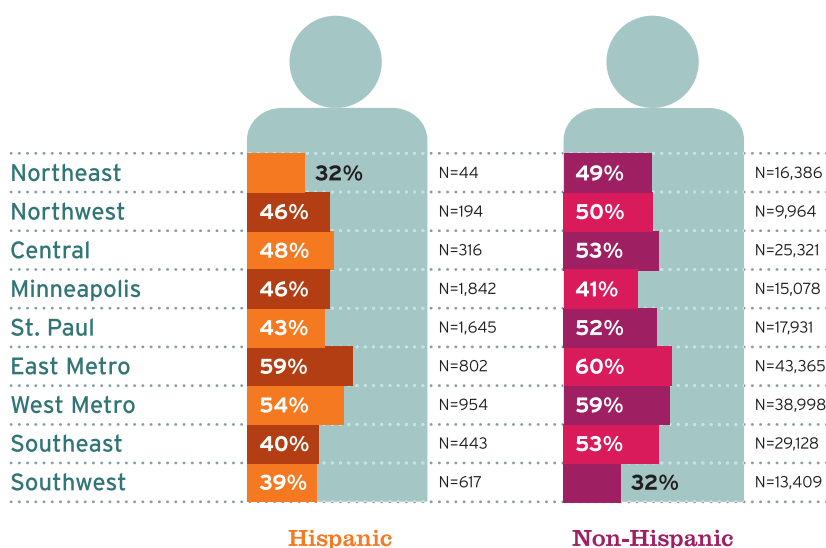
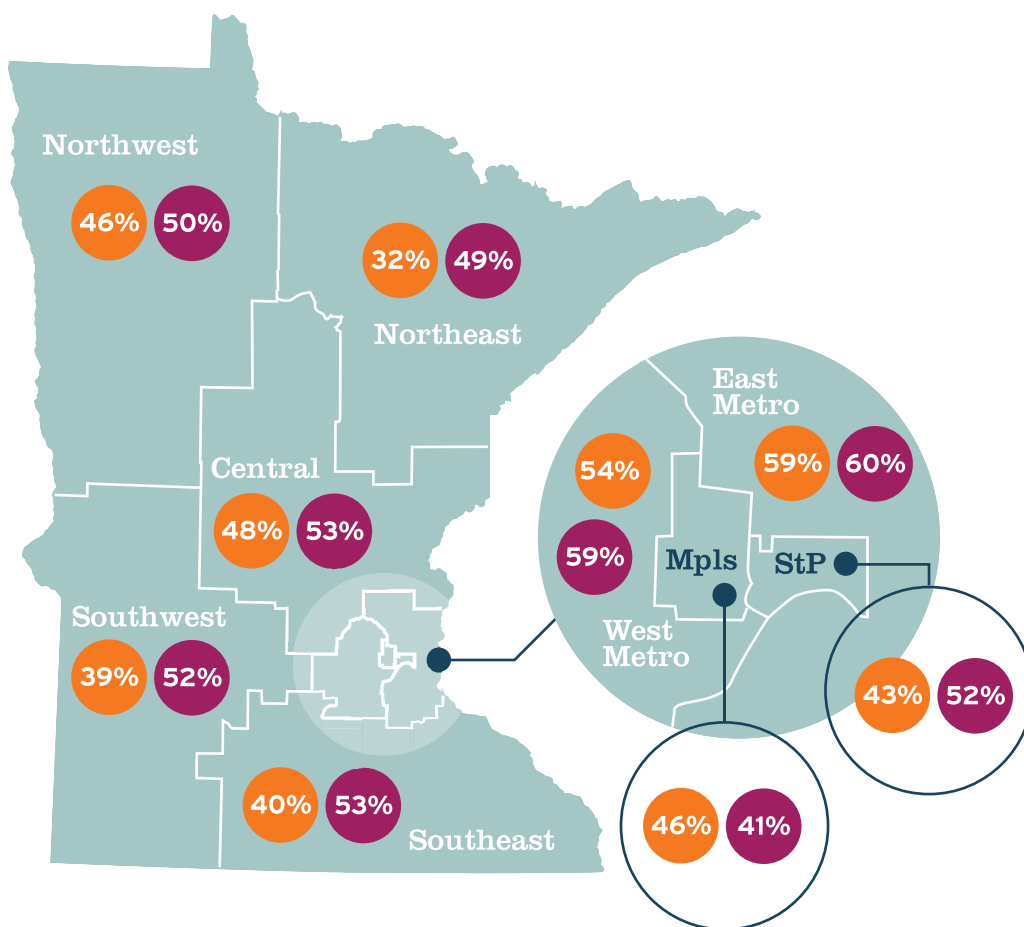
Hispanics had the highest rate in the East Metro region at 59% and the lowest rate in the Northeast region at 32%.

Non-Hispanics had the highest rate in the East Metro region at 60%. The lowest rate for Non-Hispanics was in the Minneapolis region at 41%.

The following page displays graphics comparing Optimal Diabetes Care regional rates by Hispanic ethnicity. Rates are not displayed for ethnic groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Diabetes Care Rates by Hispanic Ethnicity

● **Hispanic**
● **Non-Hispanic**



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Diabetes Care

Regional Results by Preferred Language

Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest rates were held by the following preferred language groups for **each region**:

- **Minneapolis:** Patients who preferred speaking Russian had the highest rate at 69%; patients who preferred speaking Hmong had the lowest rate at 39%.
- **West Metro:** Patients who preferred speaking Cantonese had the highest rate at 79%; patients who preferred speaking Hmong had the lowest rate at 45%.
- **St. Paul:** Patients who preferred speaking Tigrinya had the highest rate at 65%; patients who preferred speaking Hmong and Spanish had the lowest rate at 40%.
- **East Metro:** Patients who preferred speaking Laotian had the highest rate at 84%; patients who preferred speaking Arabic had the lowest rate at 50%.
- **Northwest:** Patients who preferred speaking English had the highest rate at 50%; patients who preferred speaking Spanish had the lowest rate at 47%.
- **Central:** Patients who preferred speaking Vietnamese had the highest rate at 72%; patients who preferred speaking Somali had the lowest rate at 45%.
- **Northeast:** There was only one reportable preferred language group for this region.
- **Southeast:** Patients who preferred speaking Vietnamese had the highest rate at 59%; patients who preferred speaking Arabic and Somali had the lowest rate at 43%.
- **Southwest:** Patients who preferred speaking Laotian had the highest rate at 57%; patients who preferred speaking Spanish had the lowest rate at 43%.

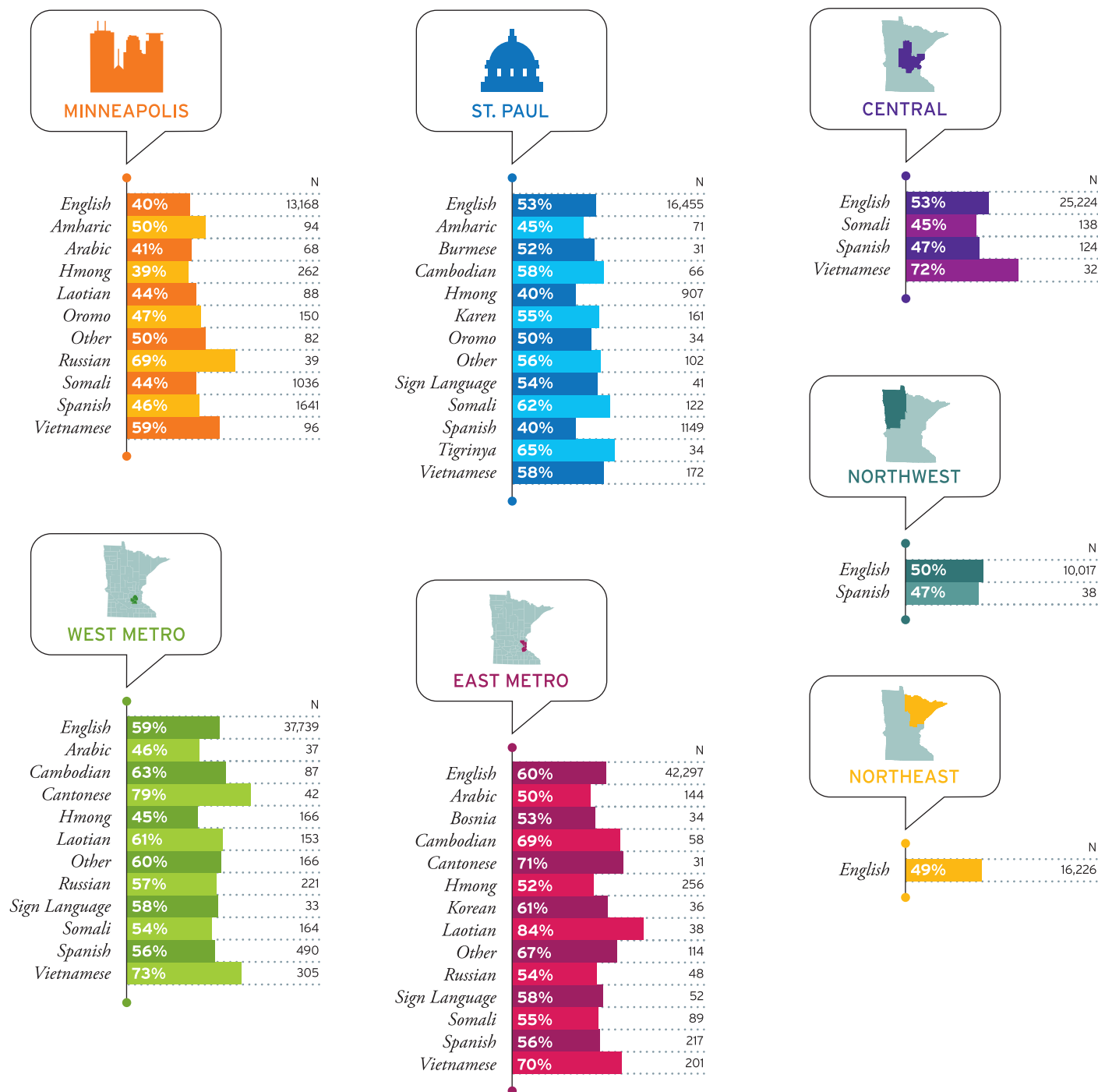
Patients who preferred speaking **Vietnamese** had the highest rate in two of the six regions the group was reportable for; the highest rate was in the West Metro region at 73%.

Patients who preferred speaking **English** had the highest rate in the East Metro at 60%, and the lowest in the Northwest region at 50%.

Patients who preferred speaking **Hmong** had the lowest rate in three of the four regions the group was reportable for; the lowest rate was in the Minneapolis region at 39%.

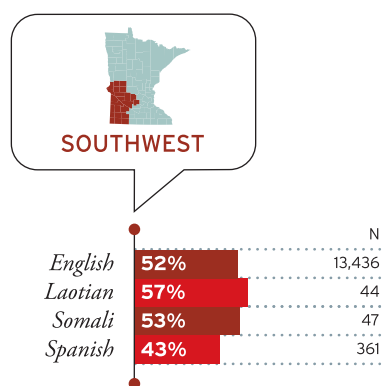
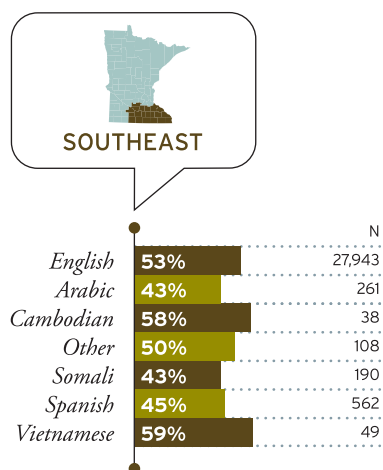
The following page displays graphics comparing Optimal Diabetes Care regional rates by preferred language. Rates are not displayed for language groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Diabetes Care Rates by Preferred Language



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

Optimal Diabetes Care Rates by Preferred Language



REGIONAL RESULTS

Optimal Diabetes Care

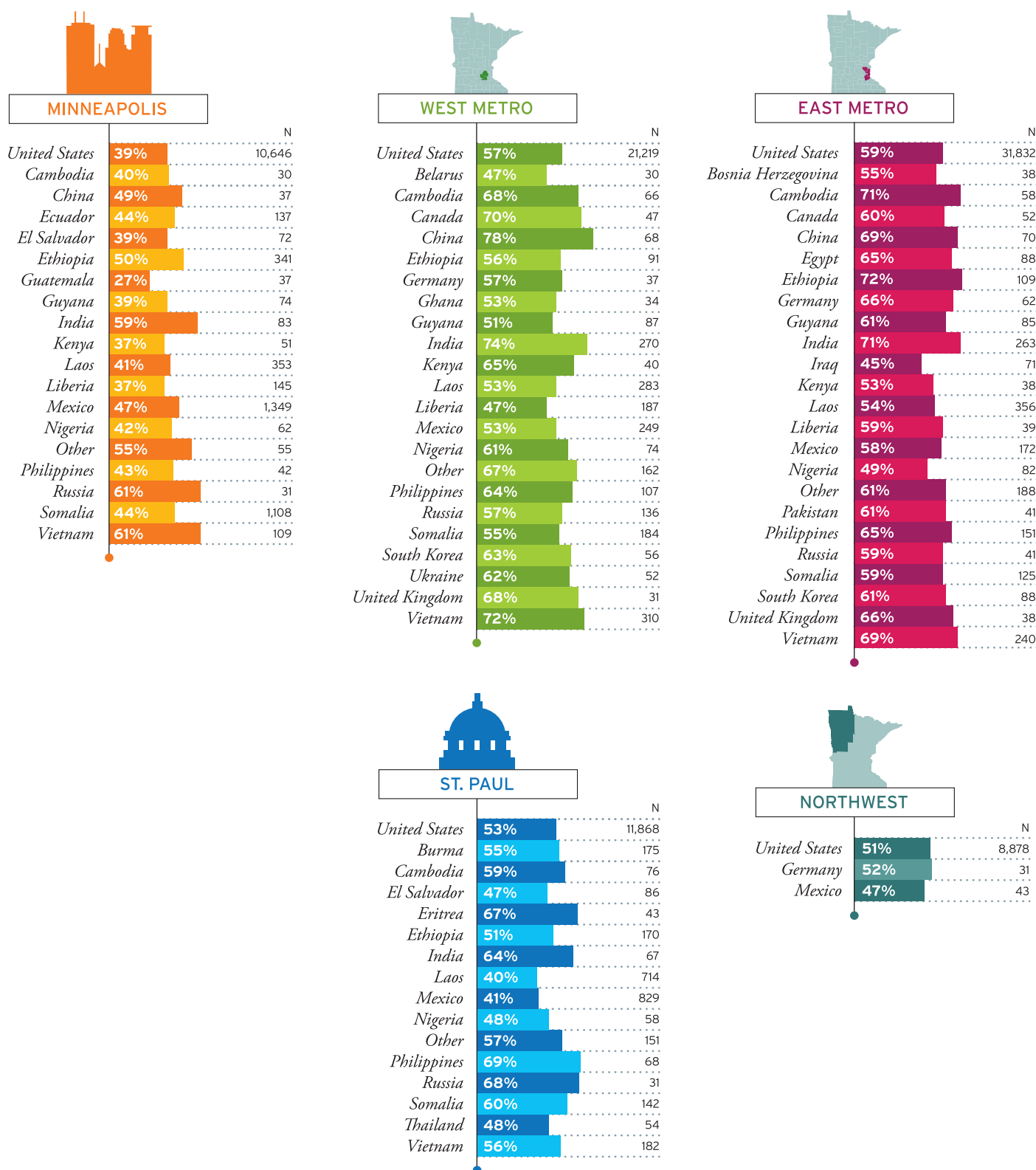
Regional Results by Country of Origin

Statewide rates for each country of origin group were stratified by region for comparative analyses. The highest and lowest rates were held by the following country of origin groups for **each region**:

- **Minneapolis:** Patients born in Vietnam and Russia had the highest rate at 61%; patients born in Guatemala had the lowest rate at 27%.
- **West Metro:** Patients born in China had the highest rate at 78%; patients born in Liberia and Belarus had the lowest rate at 47%.
- **St. Paul:** Patients born in the Philippines had the highest rate at 69%; patients born in Laos had the lowest rate at 40%.
- **East Metro:** Patients born in Ethiopia had the highest rate at 72%; patients born in Iraq had the lowest rate at 45%.
- **Northwest:** Patients born in Germany had the highest rate at 52%; patients born in Mexico had the lowest rate at 47%.
- **Central:** Patients born in Vietnam had the highest rate at 73%; patients born in Laos had the lowest rate at 35%.
- **Northeast:** Patients born in the United States had the highest rate at 49%; patients born in Canada had the lowest rate at 44%.
- **Southeast:** Patients born in the United States had the highest rate at 54%; patients born in Cambodia and Mexico had the lowest rate at 44%.
- **Southwest:** Patients born in Somalia had the highest rate at 53%; patients born in Laos had the lowest rate at 44%.

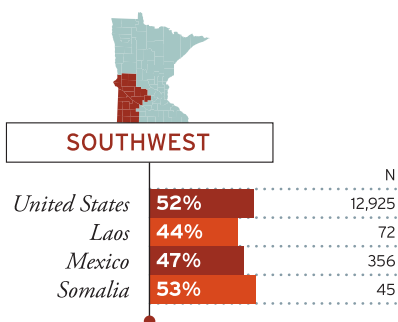
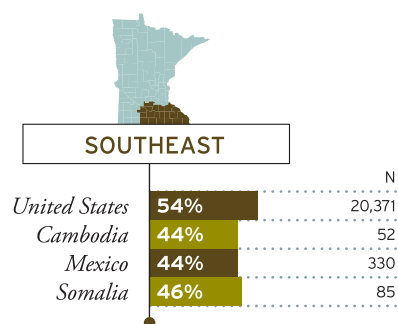
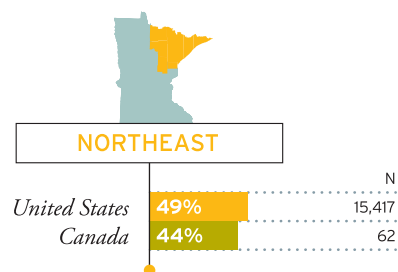
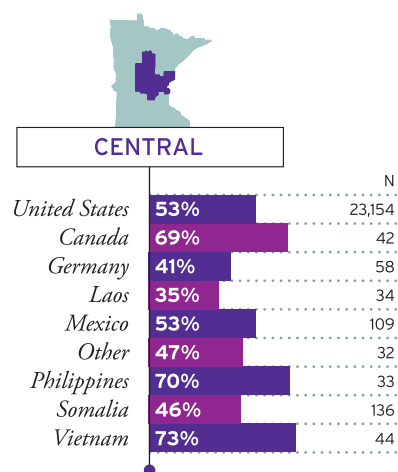
The following page displays graphics comparing Optimal Diabetes Care regional rates by country of origin. Rates are not displayed for countries that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Diabetes Care Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

Optimal Diabetes Care Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

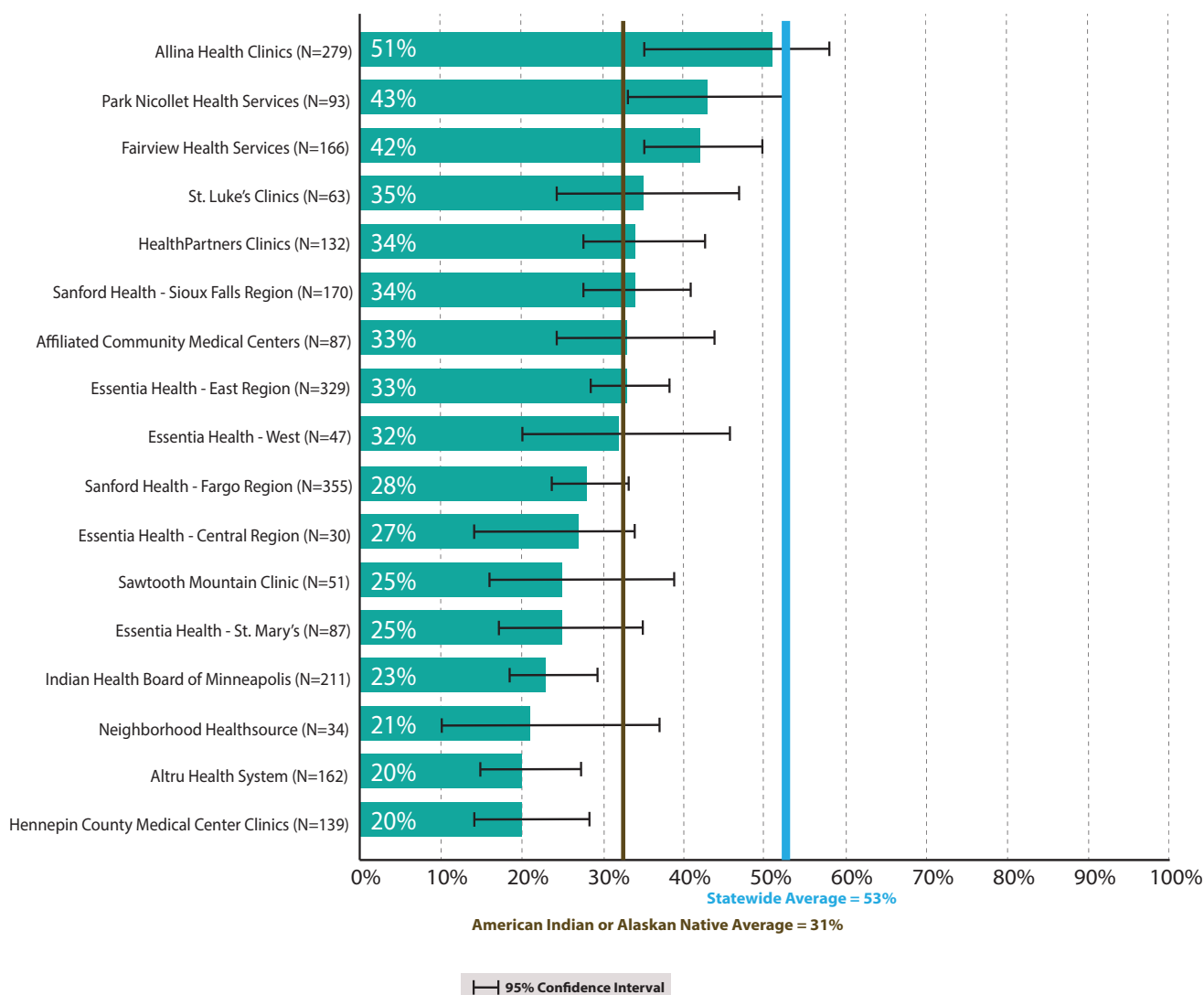
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MEDICAL GROUP RESULTS

Optimal Diabetes Care by Race

Figure 9 shows statewide Optimal Diabetes Care results by medical group for American Indian or Alaskan Native patients. The American Indian or Alaskan Native average is 31% compared to the overall statewide average of 53%. Allina Health Clinics had the highest optimal care rate at 51%. There were two medical groups (Allina Health Clinics and Park Nicollet Health Services) with rates that were not significantly different from the statewide average for all racial groups. There were three medical groups with rates significantly above the American Indian or Alaskan Native average (Allina Health Clinics, Park Nicollet Health Services and Fairview Health Services). There were three medical groups with optimal care rates significantly below the American Indian or Alaskan Native average.

FIGURE 9: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR AMERICAN INDIAN OR ALASKAN NATIVE PATIENTS

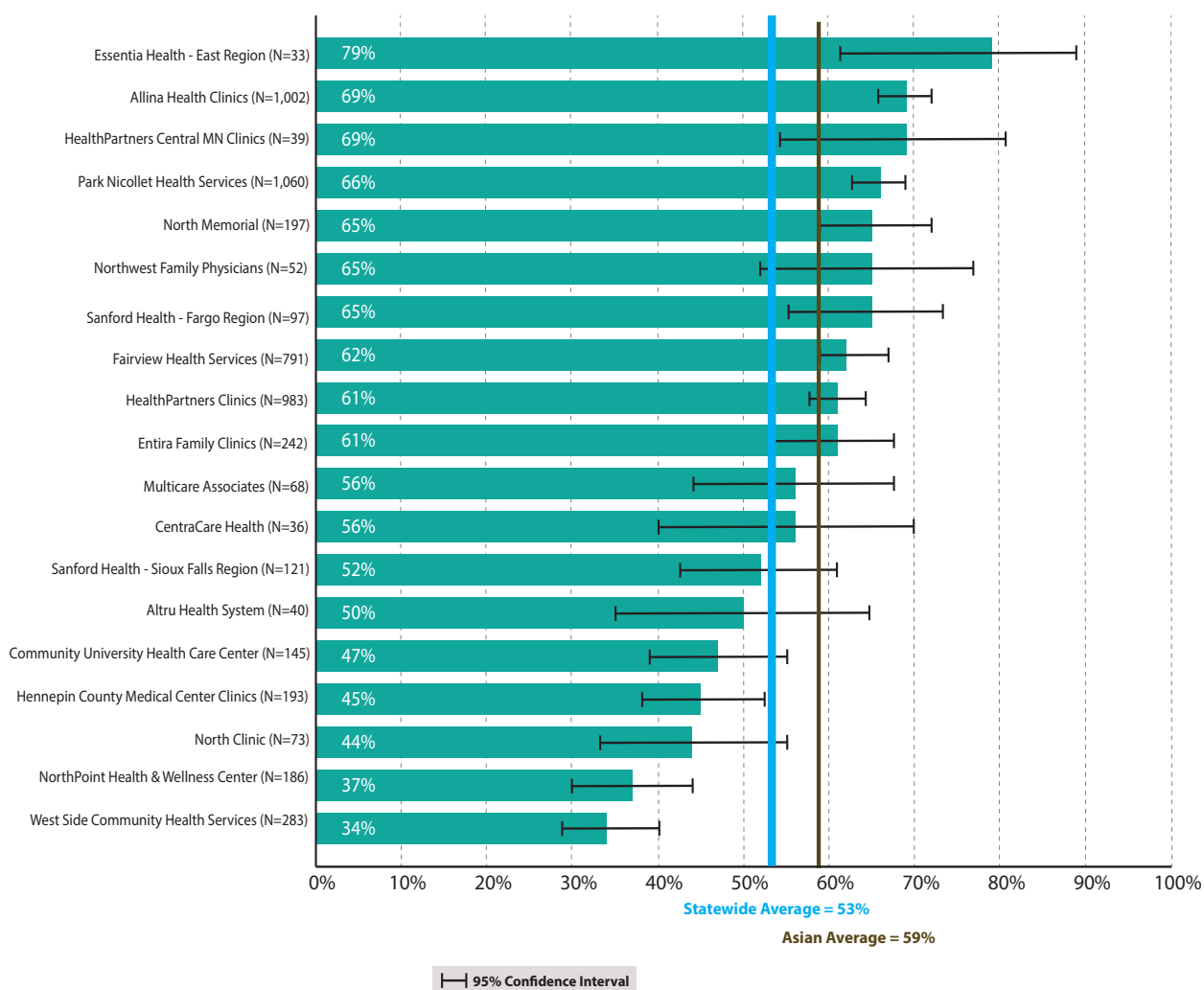


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Race

Figure 10 shows Optimal Diabetes Care results by medical group for Asian patients. The Asian average is 59% compared to the overall statewide average of 53%. Essentia Health – East Region had the highest optimal care rate at 79% and this was significantly above the statewide average (53%). There were eight medical groups (Essentia Health – East Region, Allina Health Clinics, HealthPartners Central Minnesota Clinics, Park Nicollet Health Services, North Memorial, Sanford Health – Fargo Region, Fairview Health Services and HealthPartners Clinics) with an optimal care rate that was above the statewide average. There were three medical groups (Essentia Health – East Region, Allina Health Clinics and Park Nicollet Health Services) with rates significantly above the Asian statewide average. There were five medical groups with optimal care rates significantly below the Asian average.

FIGURE 10: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR ASIAN PATIENTS

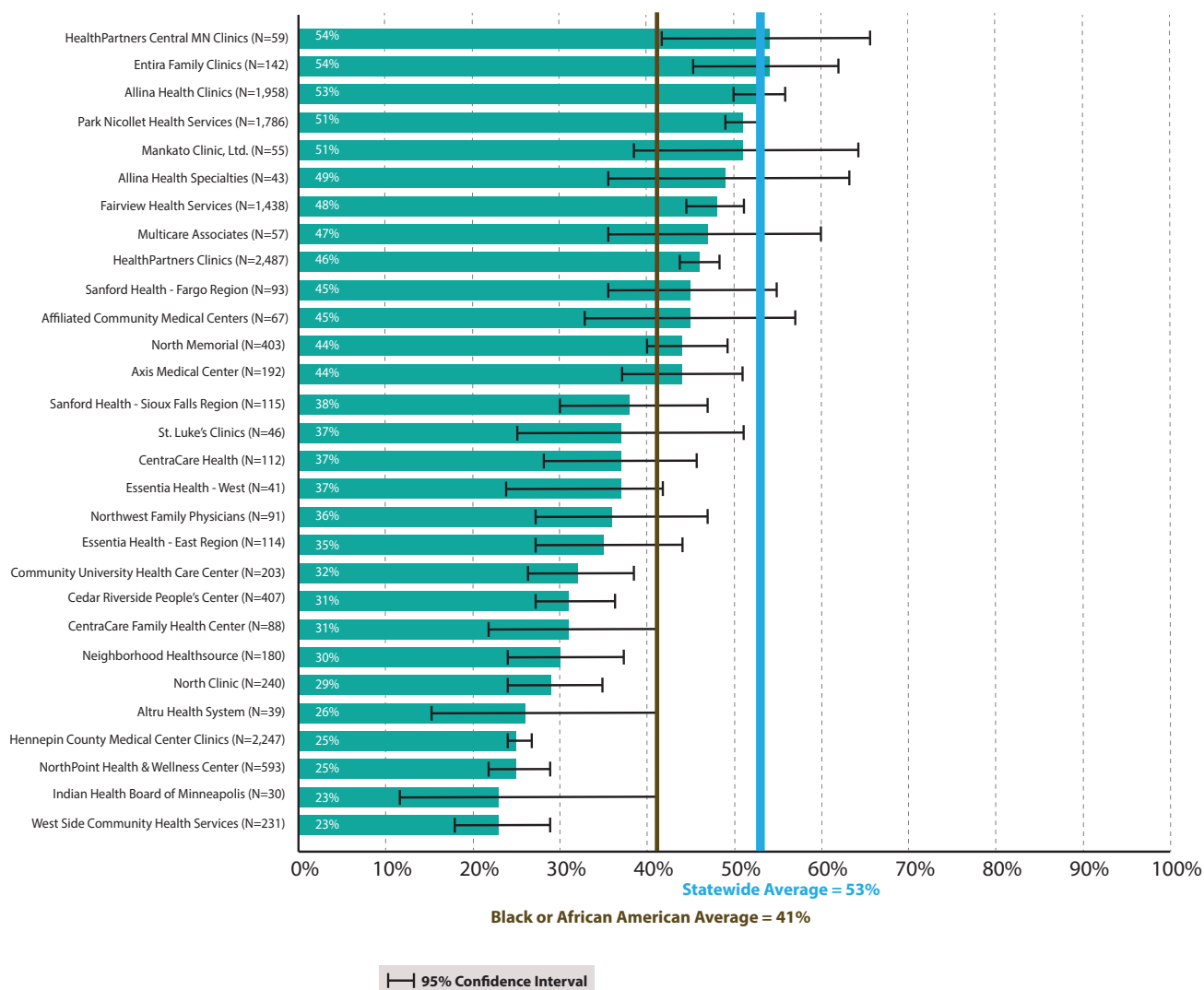


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Race

Figure 11 shows Optimal Diabetes Care results by medical group for Black or African American patients. The Black or African American average is 41% compared to the overall statewide average of 53%. HealthPartners Central Minnesota Clinics and Entira Family Clinics had the highest optimal care rate at 54%. There were nine medical groups (HealthPartners Central Minnesota Clinics, Entira Family Clinics, Allina Health Clinics, Park Nicollet Health Services, Mankato Clinic, Ltd., Allina Health Specialties, Multicare Associates, Sanford Health - Fargo Region and Affiliated Community Medical Centers) with rates that were not significantly different from the statewide average (53%). There were six medical groups (HealthPartners Central Minnesota Clinics, Entira Family Clinics, Allina Health Clinics, Fairview Health Services and HealthPartners Clinics) with rates significantly above the Black or African American average. There were seven medical groups with optimal care rates significantly below the Black or African American average.

FIGURE 11: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR BLACK OR AFRICAN AMERICAN PATIENTS

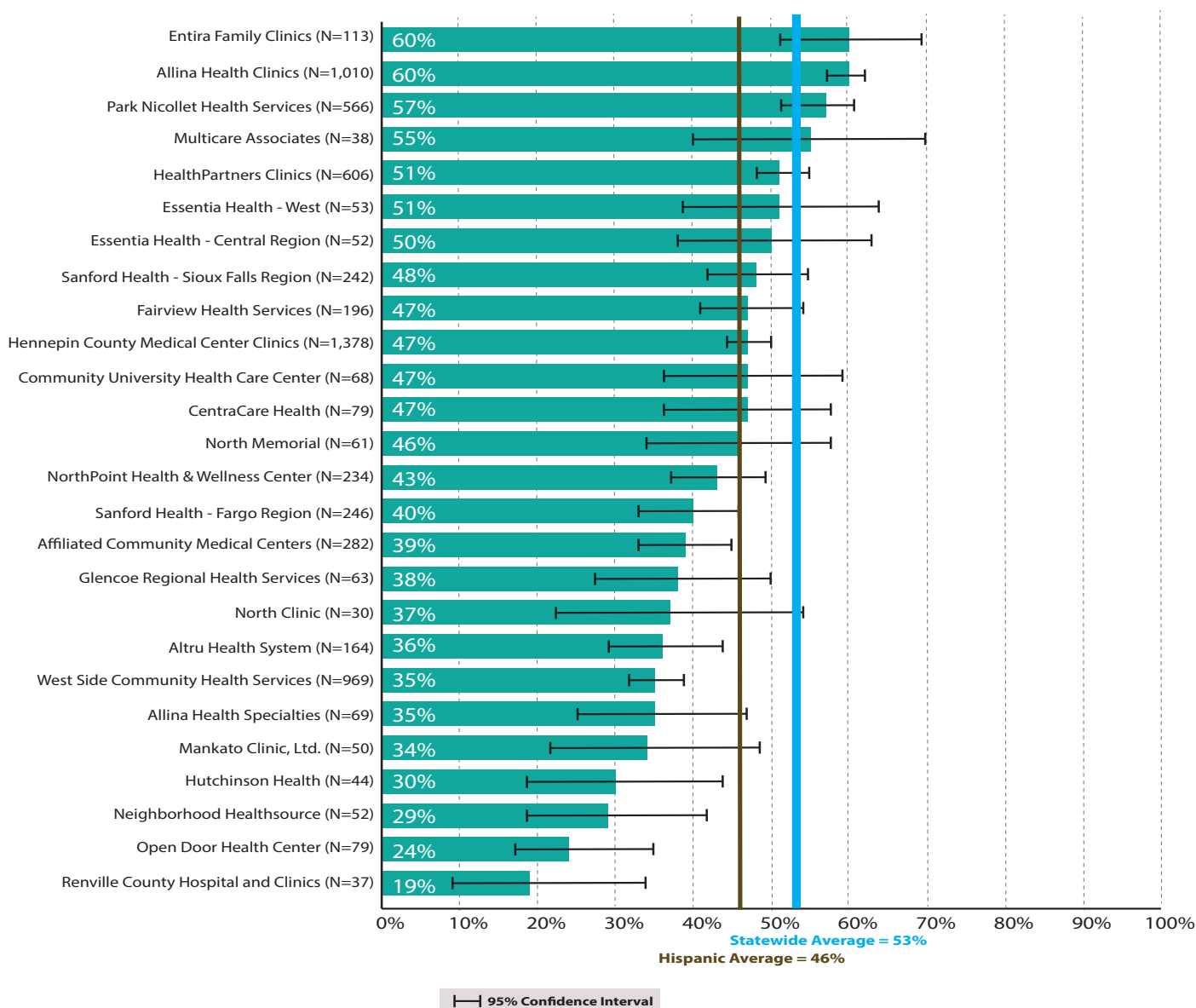


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Hispanic Ethnicity

Figure 12 shows medical group level results for Optimal Diabetes Care for Hispanic patients. The Hispanic average is 46% compared to the overall statewide average of 53%. Entira Family Clinics and Allina Health Clinics had the highest rate at 60%. There was one medical group (Allina Health Clinics) with a rate significantly above the overall statewide average. There were four medical groups (Entira Family Clinics, Allina Health Clinics, Park Nicollet Health Services and HealthPartners Clinics) with rates significantly above the Hispanic average. There were seven medical groups with optimal care rates significantly below the Hispanic average.

FIGURE 12: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR HISPANIC ETHNICITY



MEDICAL GROUP RESULTS

Optimal Diabetes Care by Hispanic Ethnicity

Figure 13 shows medical group level results for Optimal Diabetes Care for Non-Hispanic patients. The Non-Hispanic average is 54% compared to the overall statewide average of 53%. Catalyst Medical Clinic had the highest rate at 68%. There were 12 medical groups (Allina Health Clinics, Park Nicollet Health Services, Entira Family Clinics, Stillwater Medical Group, Vibrant Health Family Clinics and Minnesota Health Network, Mankato Clinic, Ltd., Affiliated Community Medical Centers, North Memorial, HealthPartners Clinics, Sanford Health - Sioux Falls Region, Sanford Health - Fargo Region and Fairview Health Services) with optimal care rates above the Non-Hispanic and the overall statewide averages. There were 47 medical groups with optimal care rates significantly below the Non-Hispanic average.

FIGURE 13: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY

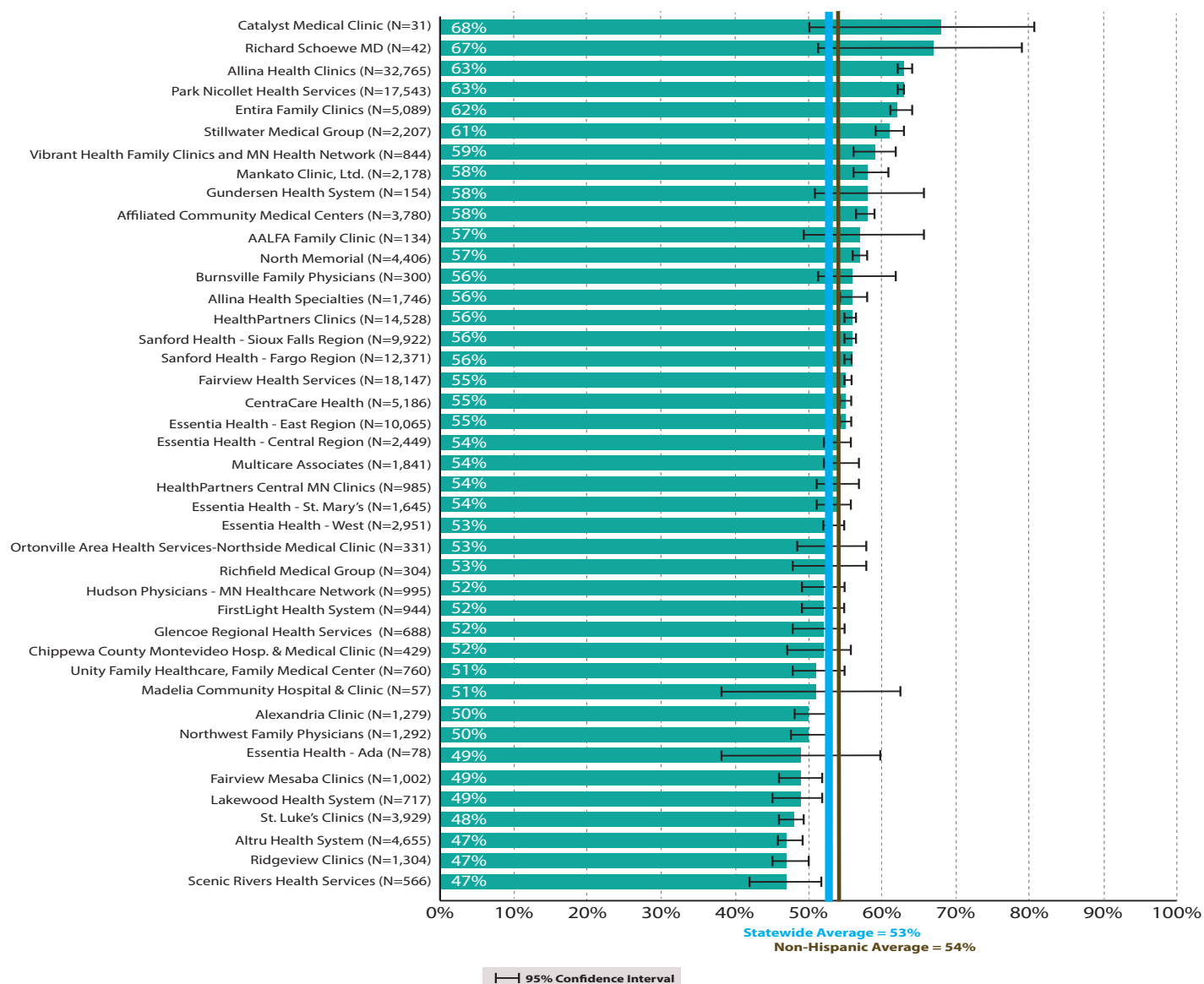
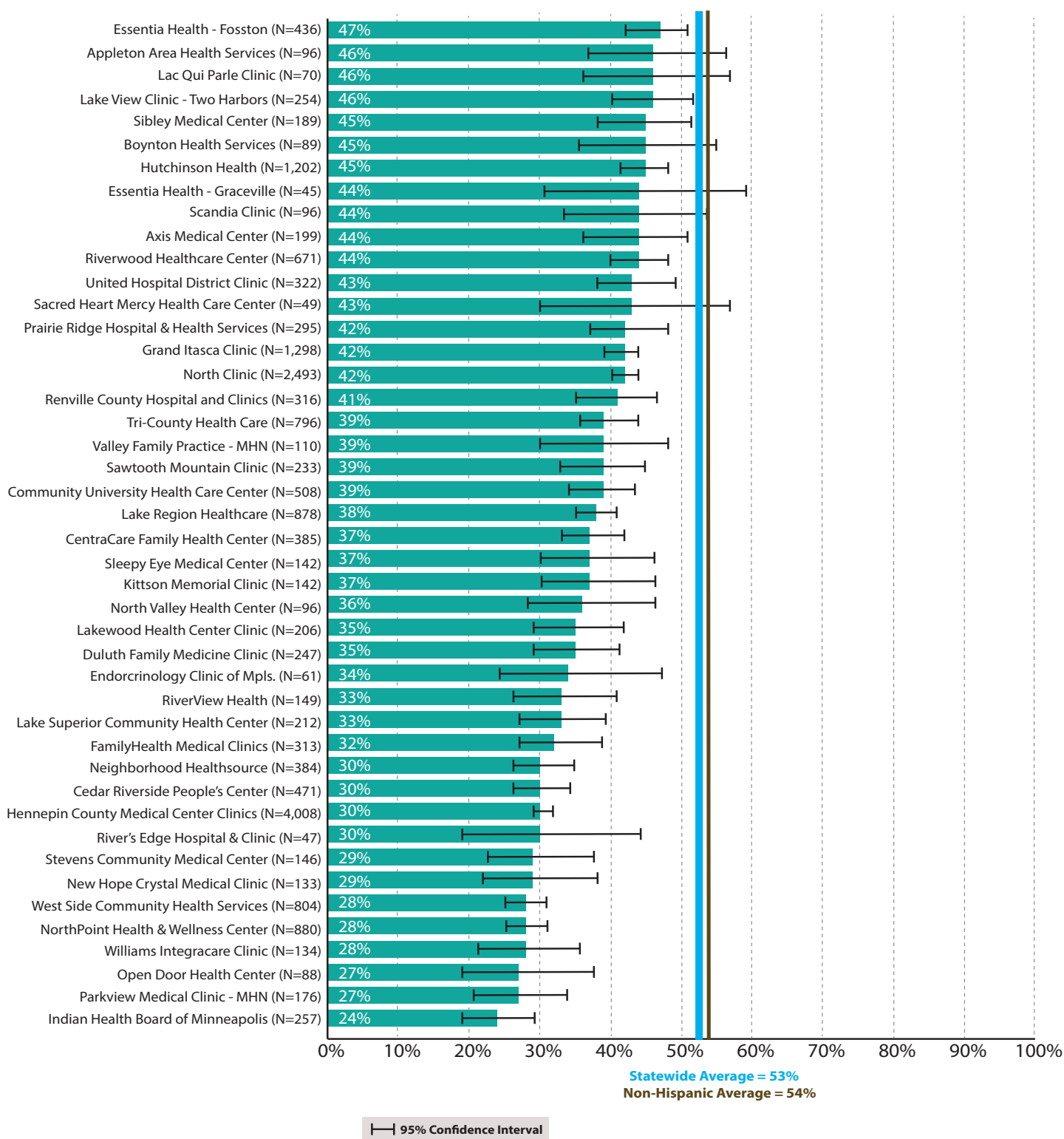


FIGURE 13: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY CONTINUED

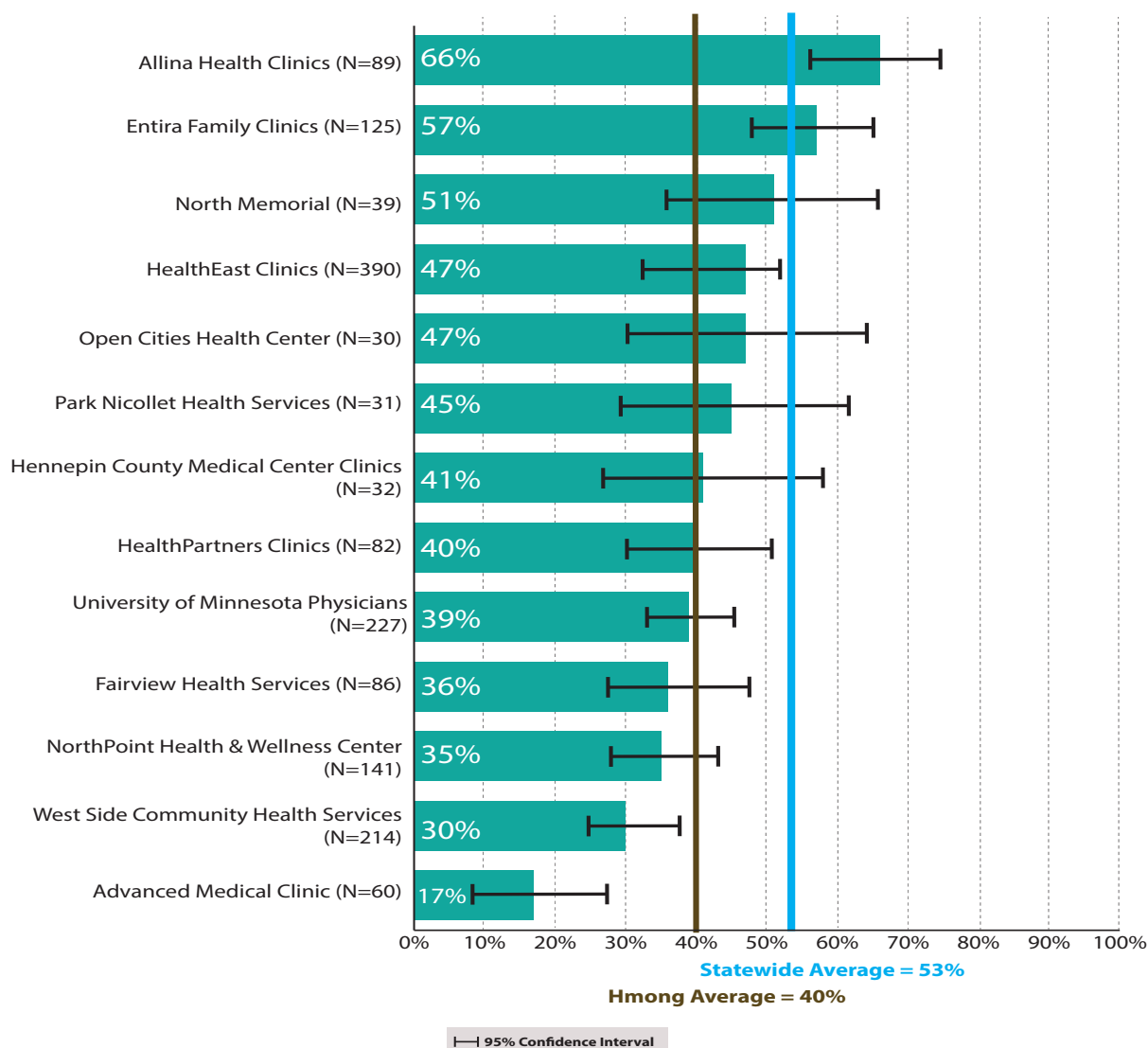


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Preferred Language

Figure 14 shows medical group level results for Optimal Diabetes Care for the Hmong preferred language group. The Hmong average is 40% compared to the overall statewide average of 53%. Allina Health Clinics had the highest rate at 66%. There was one medical group (Allina Health Clinics) with a rate significantly above the overall statewide average. There were five medical groups (Entira Family Clinics, North Memorial, Open Cities Health Center, Park Nicollet Health Services and Hennepin County Medical Center Clinics) with rates that were not significantly different from the overall statewide average. There were two medical groups (Allina Health Clinics and Entira Family Clinics) with optimal care rates significantly above the Hmong average. There were two medical groups with optimal care rates significantly below the Hmong average.

FIGURE 14: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR HMONG

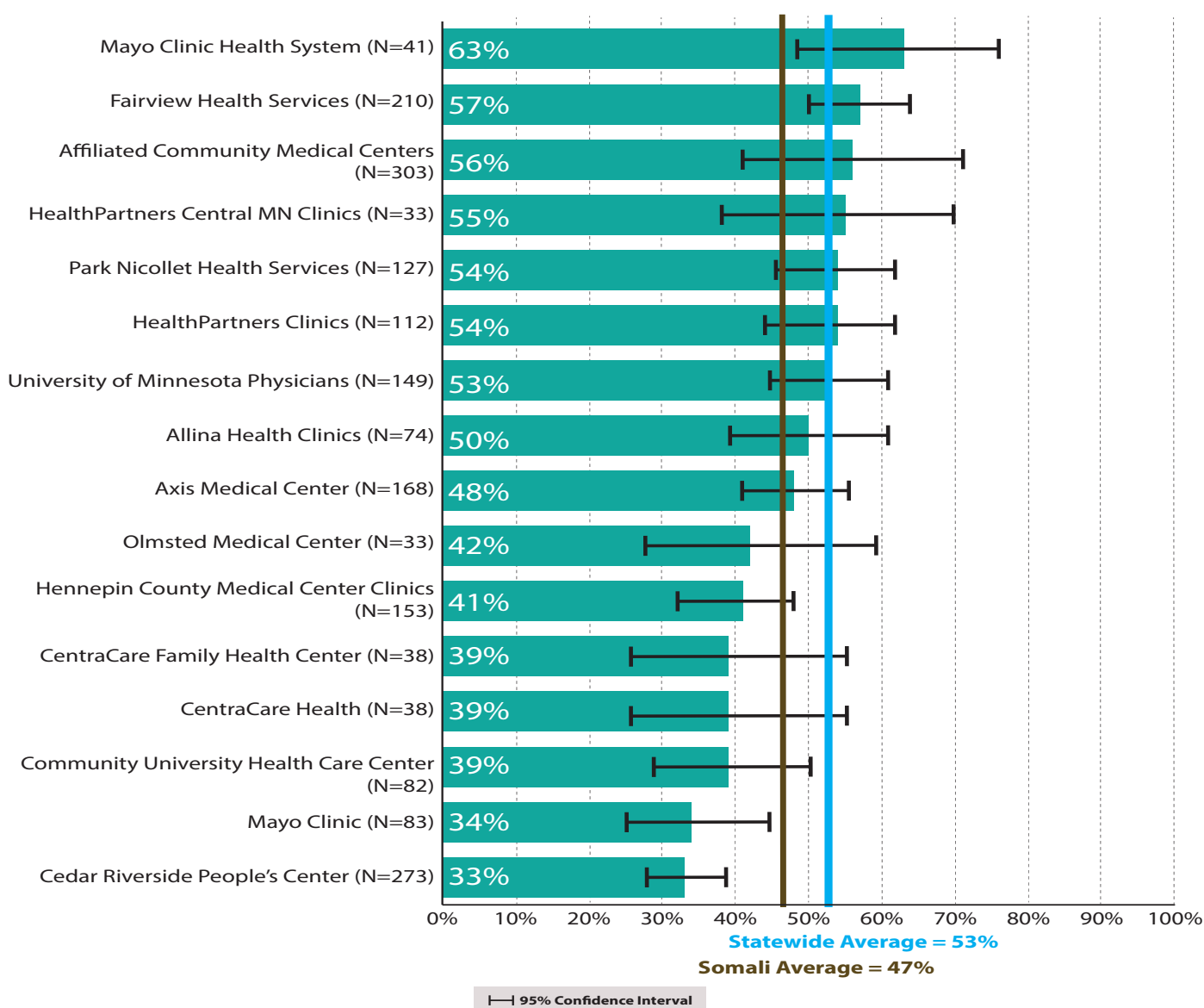


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Preferred Language

Figure 15 shows medical group level results for Optimal Diabetes Care for the Somali preferred language group. The Somali average is 47% compared to the overall statewide average of 53%. Mayo Clinic Health System had the highest rate at 63%. There were no medical groups with an optimal care rate significantly above the overall statewide average; however, there were 12 medical groups with rates that were not significantly different from the statewide average for all racial groups. There were two medical groups (Mayo Clinic Health System and Fairview Health Services) with rates significantly above the Somali average. There were two medical groups with optimal care rate significantly below the Somali average.

FIGURE 15: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR SOMALI

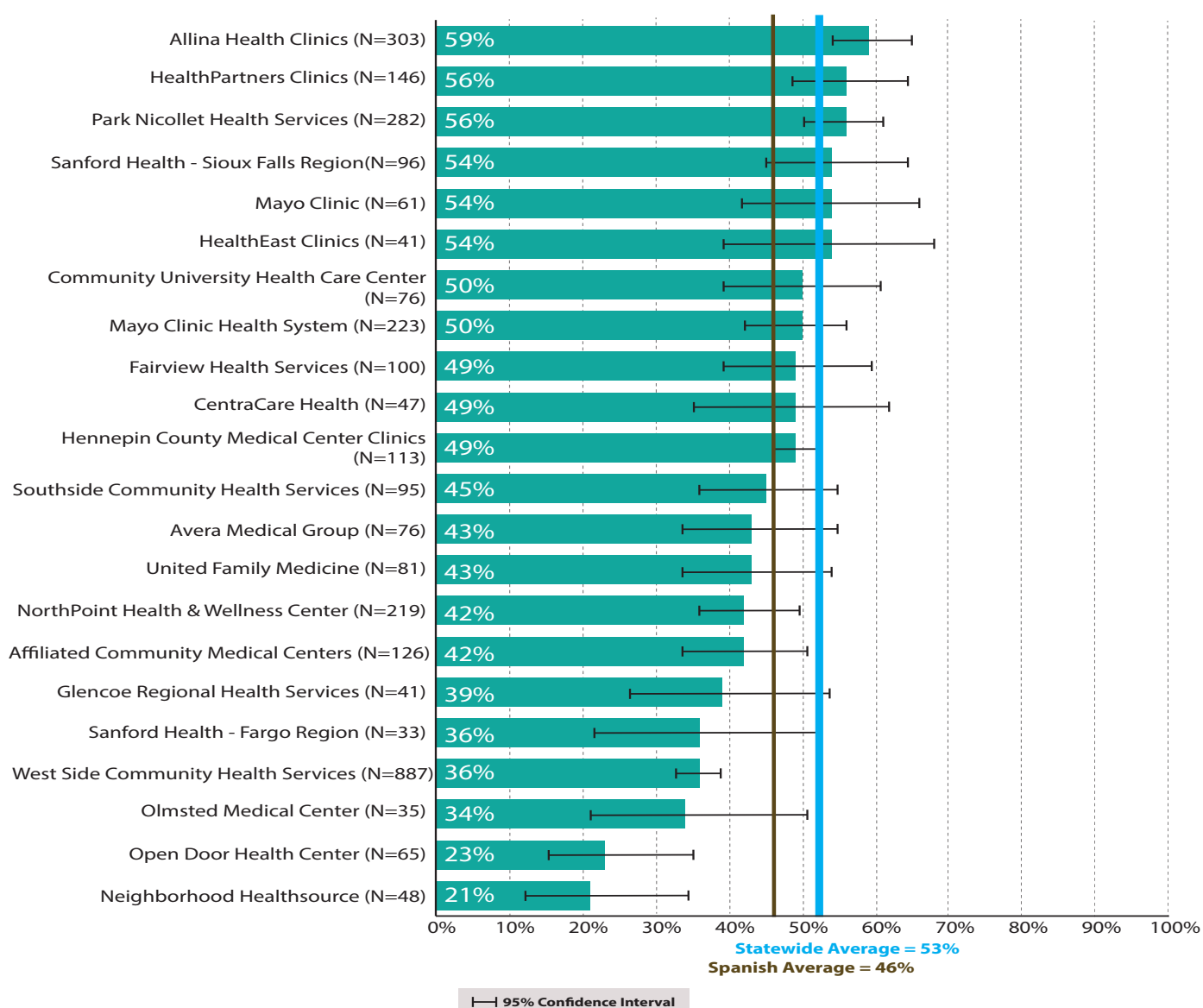


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Preferred Language

Figure 16 shows medical group level results for Optimal Diabetes Care for the Spanish preferred language group. The Spanish average is 46% compared to the overall statewide average of 53%. Allina Health Clinics had the highest rate at 59%. There was one medical group (Allina Health Clinics) with a rate significantly above the overall statewide average. A majority of the medical groups had rates that were not significantly different from the statewide average for all preferred language groups. There were three medical groups (Allina Health Clinics, HealthPartners Clinics and Park Nicollet Health Services) with rates that were significantly above the Spanish average. There were three medical groups with rates significantly below the Spanish average.

FIGURE 16: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR SPANISH

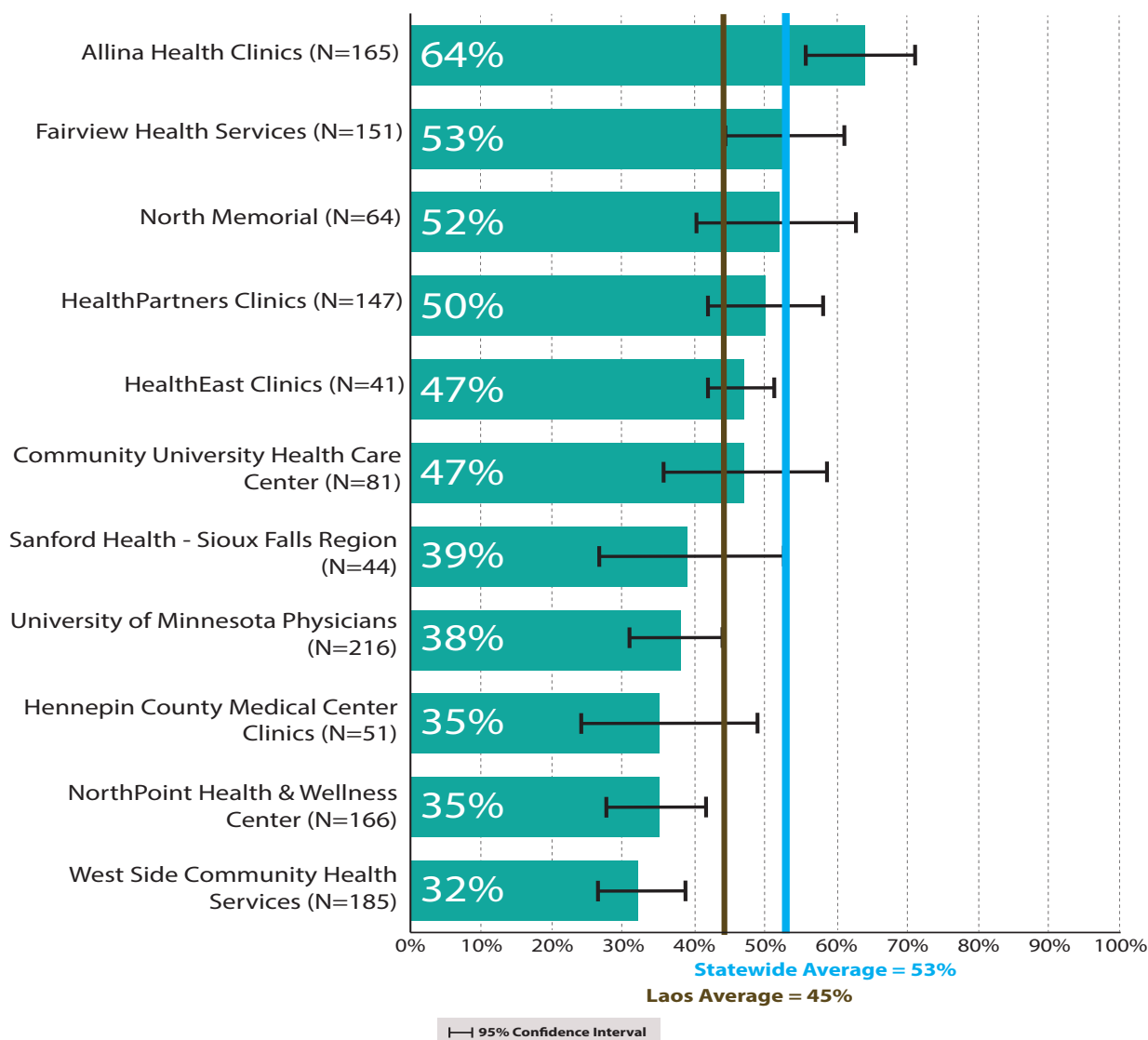


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Country of Origin

Figure 17 shows medical group level results for Optimal Diabetes Care for the Laos country of origin group. The Laos average is 45% compared to the overall statewide average of 53%. Allina Health Clinics had the highest rate at 64%. There was one medical group (Allina Health Clinics) with a rate significantly above the overall statewide average. There were five medical groups (Fairview Health Services, North Memorial, HealthPartners Clinics, Community University Health Care Center and Sanford Health - Sioux Falls Region) with optimal care rates that were not significantly different from the statewide average (53%). There was one medical group (Allina Health Clinics) with a rate significantly above the Laos average. There were two medical groups with optimal care rates significantly below the Laos average.

FIGURE 17: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR LAOS

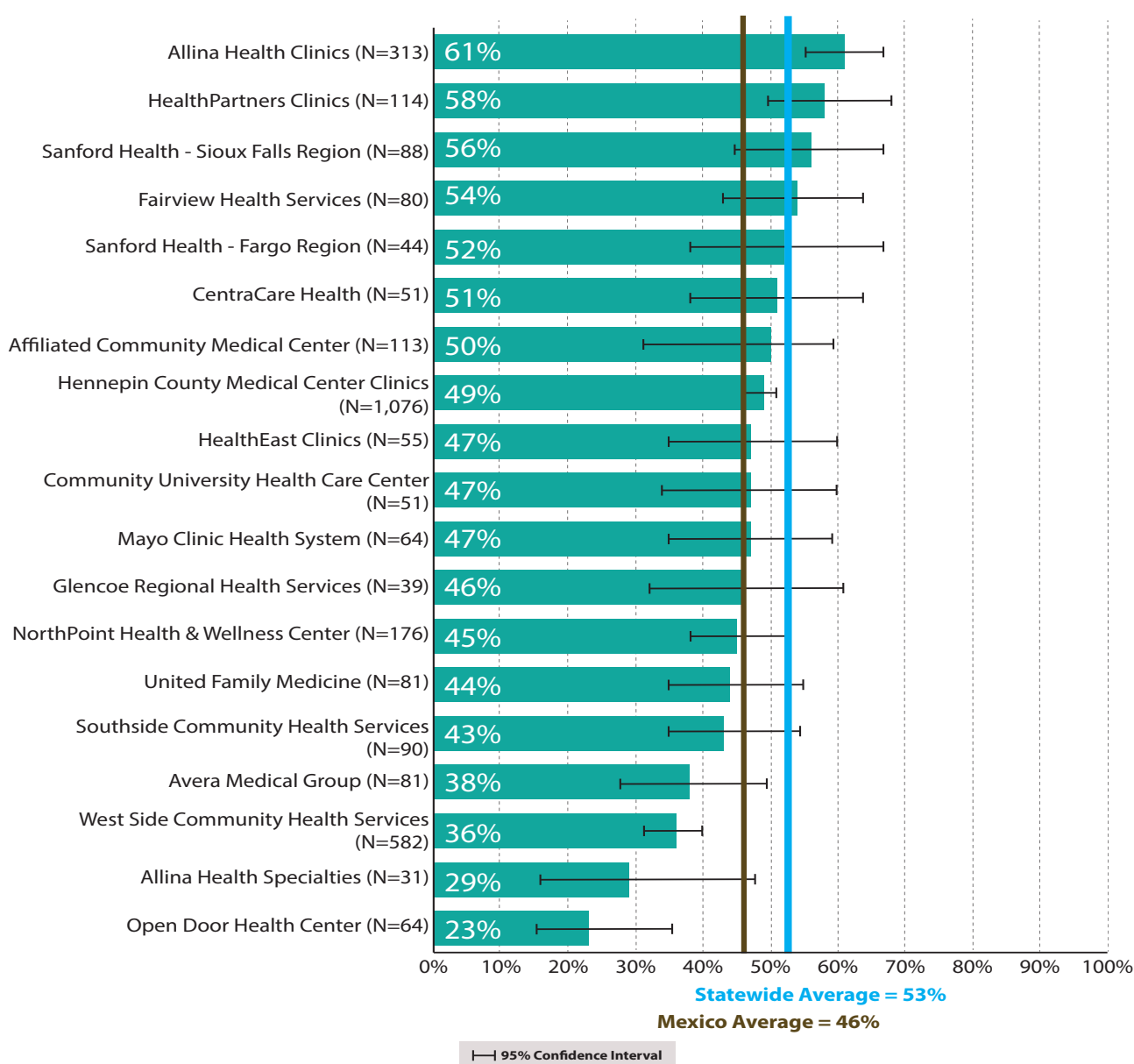


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Country of Origin

Figure 18 shows medical group level results for Optimal Diabetes Care for the Mexico country of origin group. The Mexico average is 46% compared to the overall statewide average of 53%. Allina Health Clinics had the highest rate at 61%. There was one medical group (Allina Health Clinics) with a rate significantly above the statewide average. Majority of the medical groups had rates that were not significantly different from the statewide average for all country of origin groups. There were two medical groups (Allina Health Clinics and HealthPartners Clinics) with rates significantly above the Mexico average. There were two medical groups with optimal care rates significantly below the Mexico average.

FIGURE 18: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR MEXICO

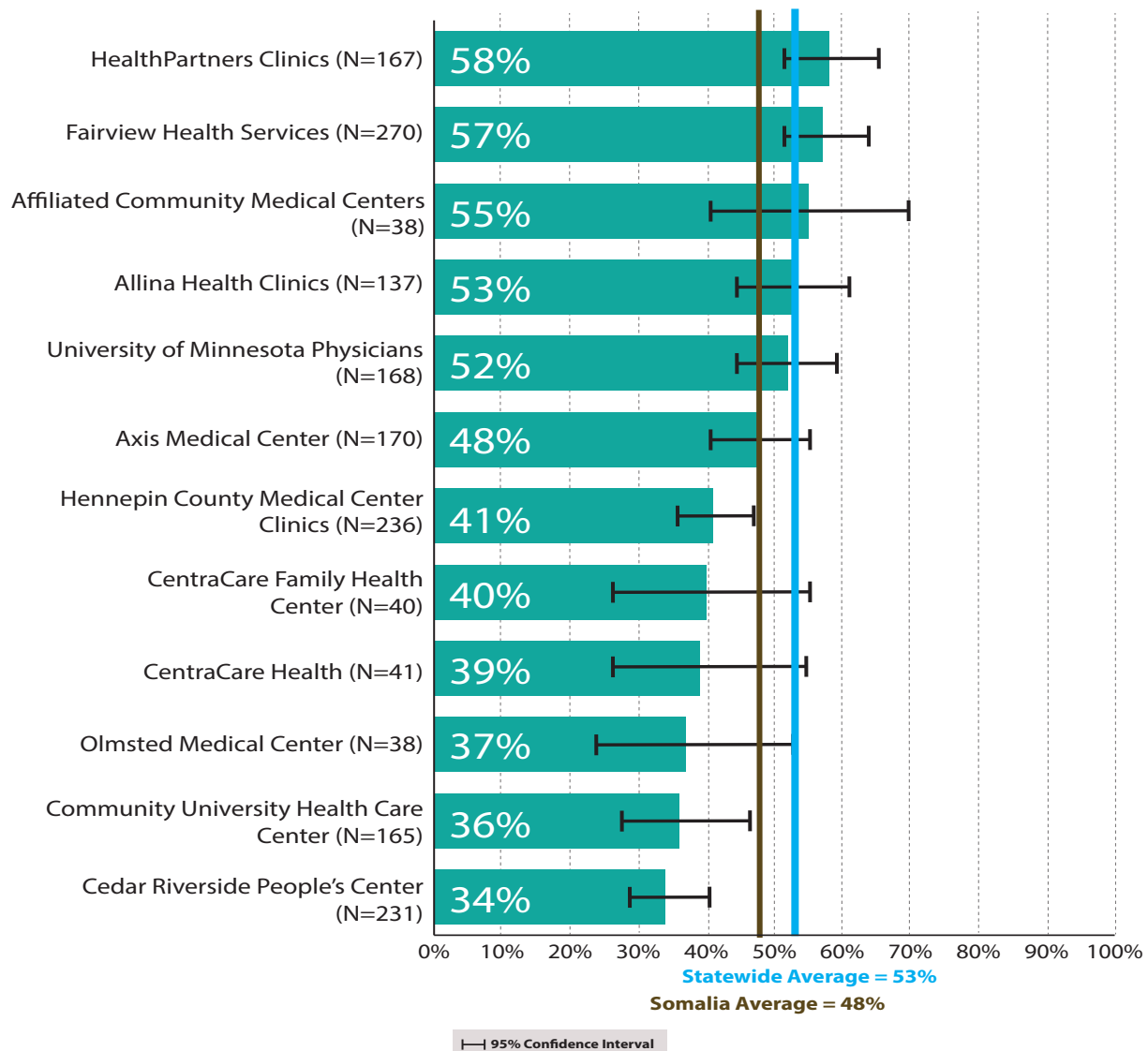


MEDICAL GROUP RESULTS

Optimal Diabetes Care by Country of Origin

Figure 19 shows medical group level results for Optimal Diabetes Care for the Somalia country of origin group. The Somalia average is 48% compared to the overall statewide average of 53%. HealthPartners Clinics had the highest rate at 58%. There were nine medical groups (HealthPartners Clinics, Fairview Health Services, Affiliated Community Medical Centers, Allina Health Clinics, University of Minnesota Physicians, Axis Medical Center, CentraCare Family Health Center, CentraCare Health and Olmsted Medical Center) with optimal care rates that were not significantly different from the statewide average (53%). There were two medical groups (HealthPartners Clinics and Fairview Health Services) with rates significantly above the Somalia average. There were two medical groups with optimal care rates significantly below the Somalia average.

FIGURE 19: STATEWIDE RATES FOR OPTIMAL DIABETES CARE BY MEDICAL GROUP FOR SOMALIA



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STATEWIDE RESULTS

Optimal Vascular Care

PERSPECTIVES ON HEALTH EQUITY

JIN LEE JOHNSON, HEALTH POLICY SPECIALIST

JONATHAN WATSON, PUBLIC POLICY DIRECTORY

MINNESOTA ASSOCIATION OF COMMUNITY HEALTH CENTERS

Seventy percent of patients treated by Minnesota's community health centers are not White; 95 percent live on incomes that are below 200 percent of the federal poverty level; and one-third have a primary language other than English.

Community health centers address health equity in how they care for their patients, who are overwhelmingly affected by disparities.

"An emphasis on health equity improves the health of the entire community, not just an individual patient," explained Jin Lee Johnson of the Minnesota Association of Community Health Centers (MNACHC). MNACHC is a non-profit membership organization representing Minnesota's 17 federally qualified health centers.

These centers provide culturally-tailored care to their patients through multi-lingual staff and programs, as well as care practices appropriate for their patients' cultures. For example, one Minnesota clinic serving a large Native American patient population has incorporated the community's healing garden into its nutrition education and recognized the role of traditional tobacco use in its tobacco cessation program.

Community health centers are located in medically-underserved areas and have community governance at their core. Each clinic is led by a Board of Directors that is at least 51 percent patients of that clinic. The result is that clinics can augment quantitative information – such as the data in this report – with the context and perspective of community members.

"Community governance gives us that soft intelligence that data doesn't," explained MNACHC's Jonathan Watson. "It's important that the health system intentionally bring community members and patients most impacted by disparities to the table. They need to have a hand in setting the priorities."

This is particularly true when identifying services the community may need that are outside the traditional health care system. Along with offering medical, behavioral health and dental services, community health centers also provide enabling services tailored to each community. These almost always include care coordination, but can also include financial, legal, housing or health insurance enrollment, to name a few. For example, one MNACHC member has a food shelf tied to its clinic; another center hosts a pro bono legal clinic. Watson said the need for these services have risen dramatically over the past five years.

"Addressing non-medical issues is the first step to addressing patients' health issues," Watson said.

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

- Blood pressure less than 140/90 mmHg
- Daily aspirin use unless contraindicated
- Documented tobacco-free status

The statewide rate for Optimal Vascular Care is 69%.

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

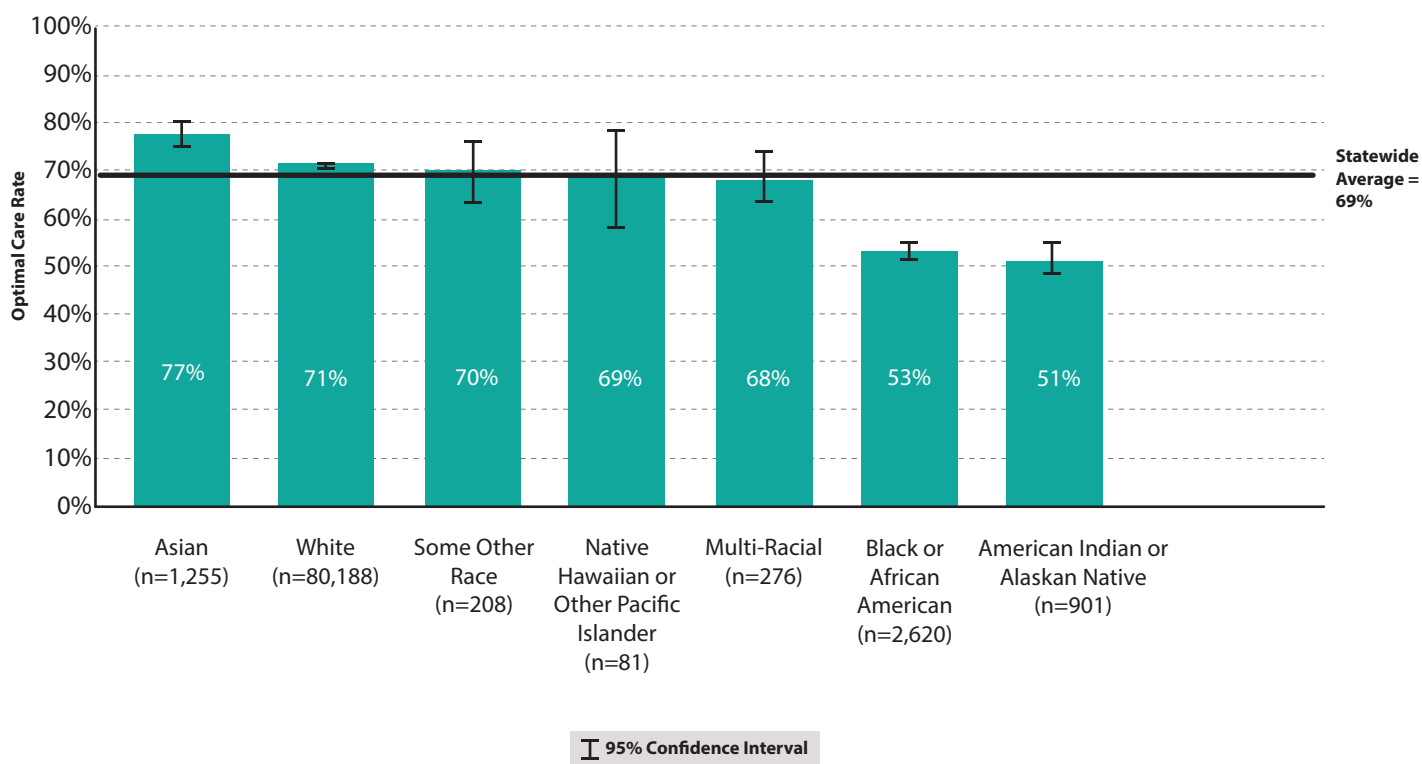
**For 2015 report year, this composite measure included three components. In 2016, it will return to four-component composite.*

STATEWIDE RESULTS BY RACE

Optimal Vascular Care

Figure 20 shows statewide Optimal Vascular Care rates by race. The Asian racial group had the highest rate of optimal care at 77%, which was significantly above the statewide average. The Asian racial group was also significantly above the White racial group. The White racial group was the only other racial group significantly above the statewide average rate at 71%. The American Indian or Alaskan Native racial group had the lowest optimal care rate at 51%. This was significantly below the statewide average rate. The Black or African American racial group had an optimal care rate below the statewide average as well. The Unknown racial group was not reportable for this measure.

FIGURE 20: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY RACE

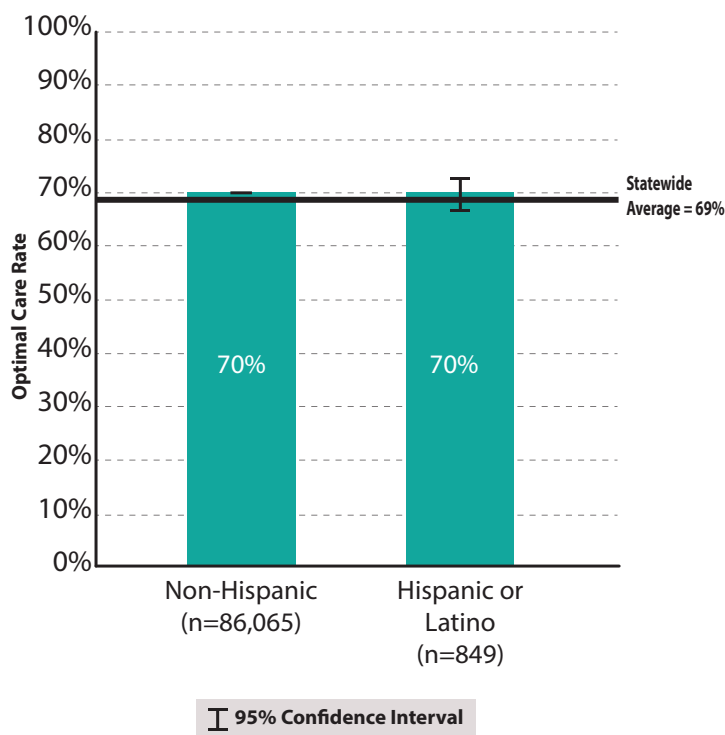


STATEWIDE RESULTS BY HISPANIC ETHNICITY

Optimal Vascular Care

Figure 21 shows statewide Optimal Vascular Care rates by Hispanic ethnicity. Non-Hispanics had a significantly higher rate of optimal care (70%) than the statewide average (69%). Hispanics also had an optimal care rate of 70%, but it was not statistically significantly above the statewide average.

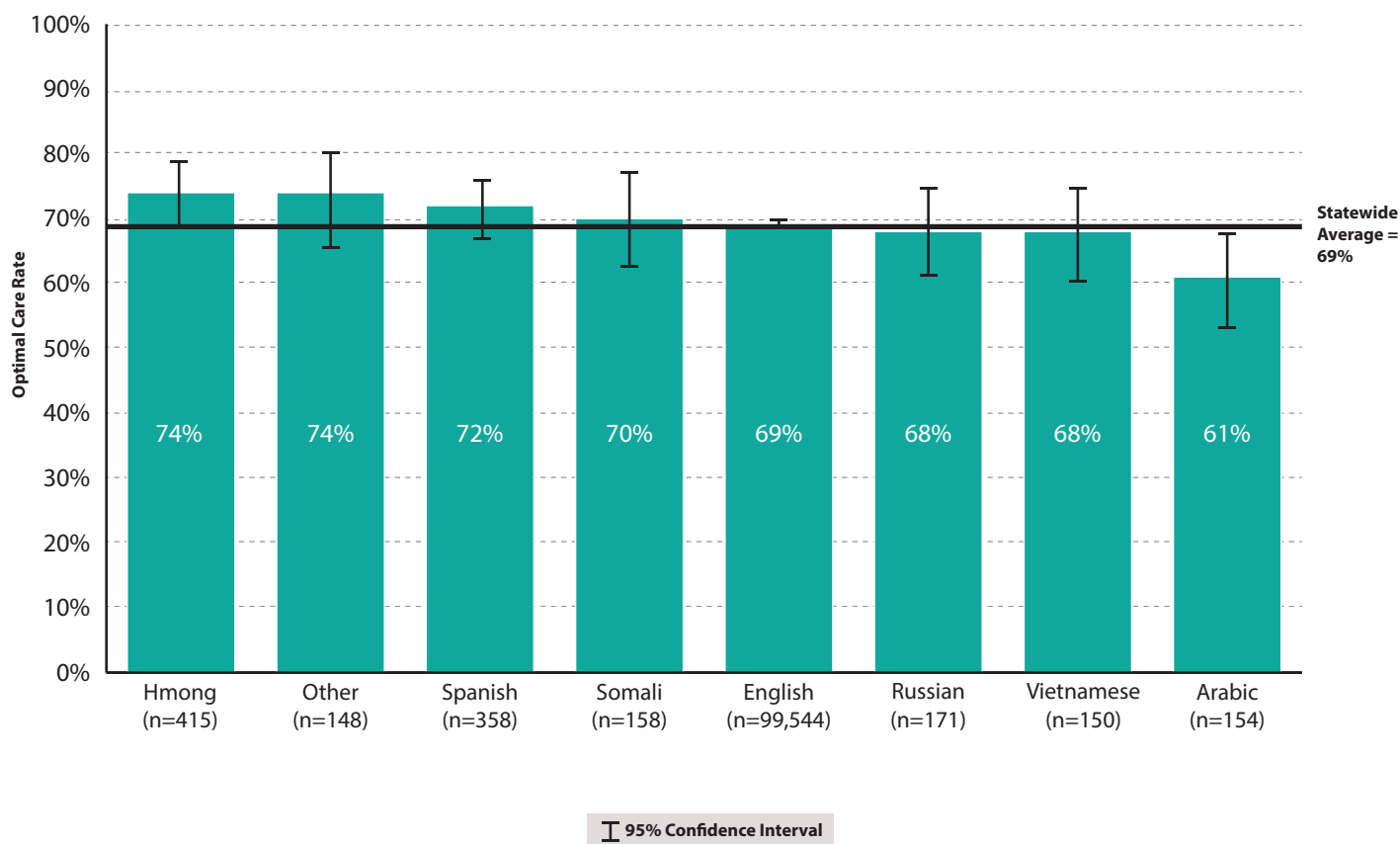
FIGURE 21: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY HISPANIC ETHNICITY



STATEWIDE RESULTS BY PREFERRED LANGUAGE

Optimal Vascular Care

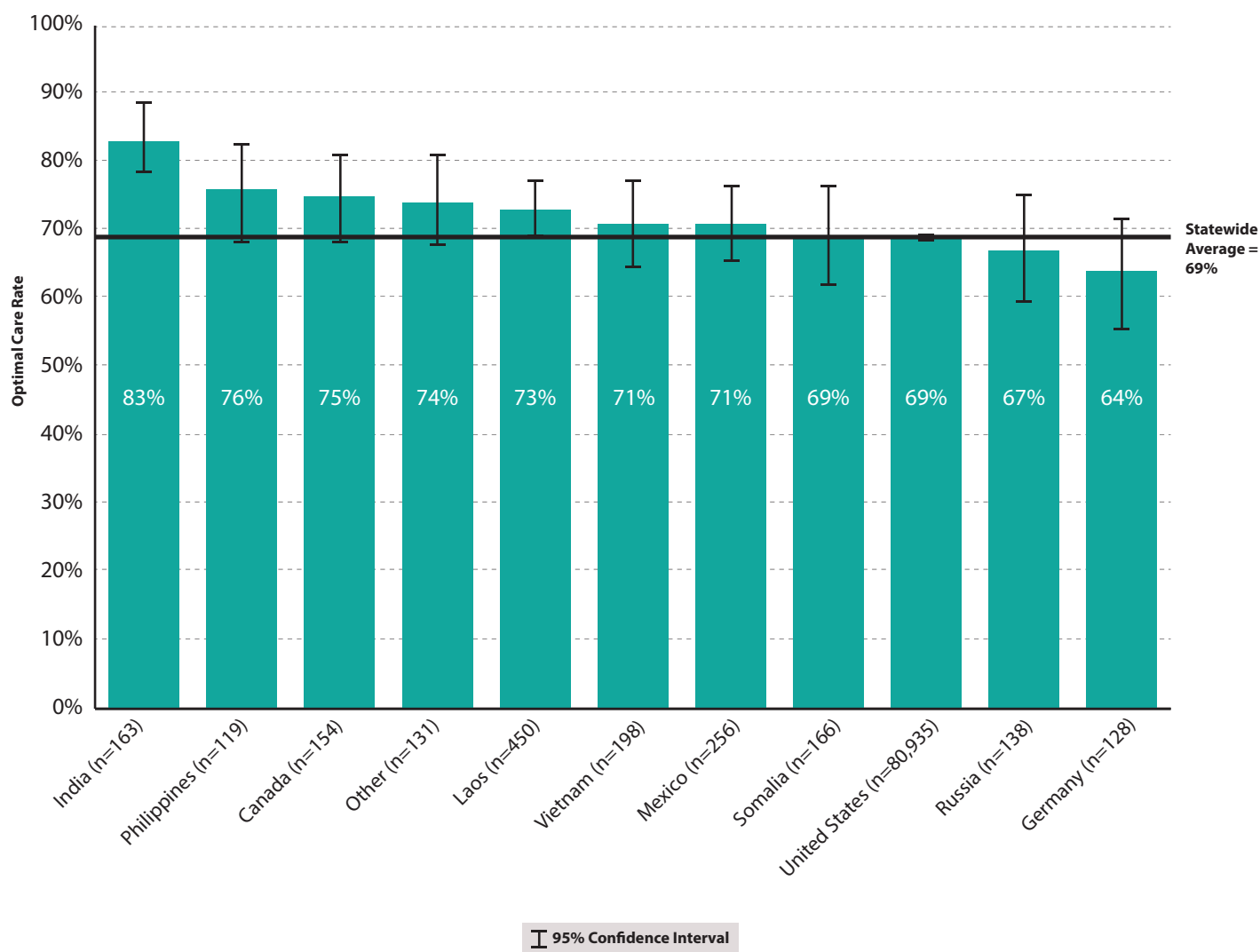
Figure 22 shows statewide Optimal Vascular Care rates by preferred language. Patients who indicated Hmong and an Other language as their preferred language had the highest rate of optimal care at 74%, but their rates were not significantly higher than the statewide average (69%). There were no preferred language groups with rates of optimal care significantly above the statewide average. Patients who selected Arabic as their preferred language had the lowest optimal care rate at 61% and this was significantly below the statewide average. Patients who indicated English as their preferred language had an optimal care rate significantly higher than patients who indicated Arabic as their preferred language.

FIGURE 22: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY PREFERRED LANGUAGE

STATEWIDE RESULTS BY COUNTRY OF ORIGIN

Optimal Vascular Care

Figure 23 shows statewide Optimal Vascular Care rates by country of origin. Patients born in India had the highest rate of optimal care at 83%, which was significantly higher than the statewide average (69%). No other countries of origin had optimal care rates significantly above the statewide average. Patients born in Germany had the lowest rate of optimal care at 64%, but this was not significantly lower than the statewide average. There were no countries of origin that had an average optimal care rate significantly below the statewide average. The statewide rate for patients born in India was significantly higher than the rate for patients born in Laos, Vietnam, Mexico, Somalia, the United States, Russia and Germany.

FIGURE 23: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY COUNTRY OF ORIGIN

Please see next page.

REGIONAL RESULTS

Optimal Vascular Care

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race

Statewide rates for each racial group were stratified by region for comparative analyses. The highest and lowest rates for **each racial group** were found in the following regions:

- **American Indian or Alaskan Native:** The highest rate for this racial group was found in the East Metro and West Metro regions at 66%; the lowest rate was found in the Central region at 36%.
- **Asian:** The highest rate for this racial group was found in the East Metro region at 83%; the lowest rate was found in the Central region at 70%.
- **Black or African American:** The highest rate for this racial group was found in the East Metro region at 64%; the lowest rate was found in the Minneapolis region at 47%.
- **Multi-Racial:** The highest rate for this racial group was found in the East Metro region at 76%; the lowest rate was found in the West Metro region at 66%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** The highest rate for this racial group was found in the West Metro region at 78%; the lowest rate was found in the East Metro region at 65%.
- **White:** The highest rate for this racial group was found in West Metro region at 75%; the lowest rate was found in the Northeast and Southwest regions at 66%.

The Asian racial group had the highest rate in four of the five regions they were reportable for. The Black or African American racial group had the lowest rate in four of the six regions they were reportable for. The American Indian or Alaskan Native racial group had the lowest rate in three of the seven regions they were reportable for.

The highest and lowest rates were held by the following racial groups in **each region**:

- **Minneapolis:** Asian patients had the highest rate at 72%; Black or African American patients had the lowest rate at 47%.
- **West Metro:** Some Other Race patients had the highest rate at 78%; Black or African American patients had the lowest rate at 58%.

REGIONAL RESULTS

Optimal Vascular Care

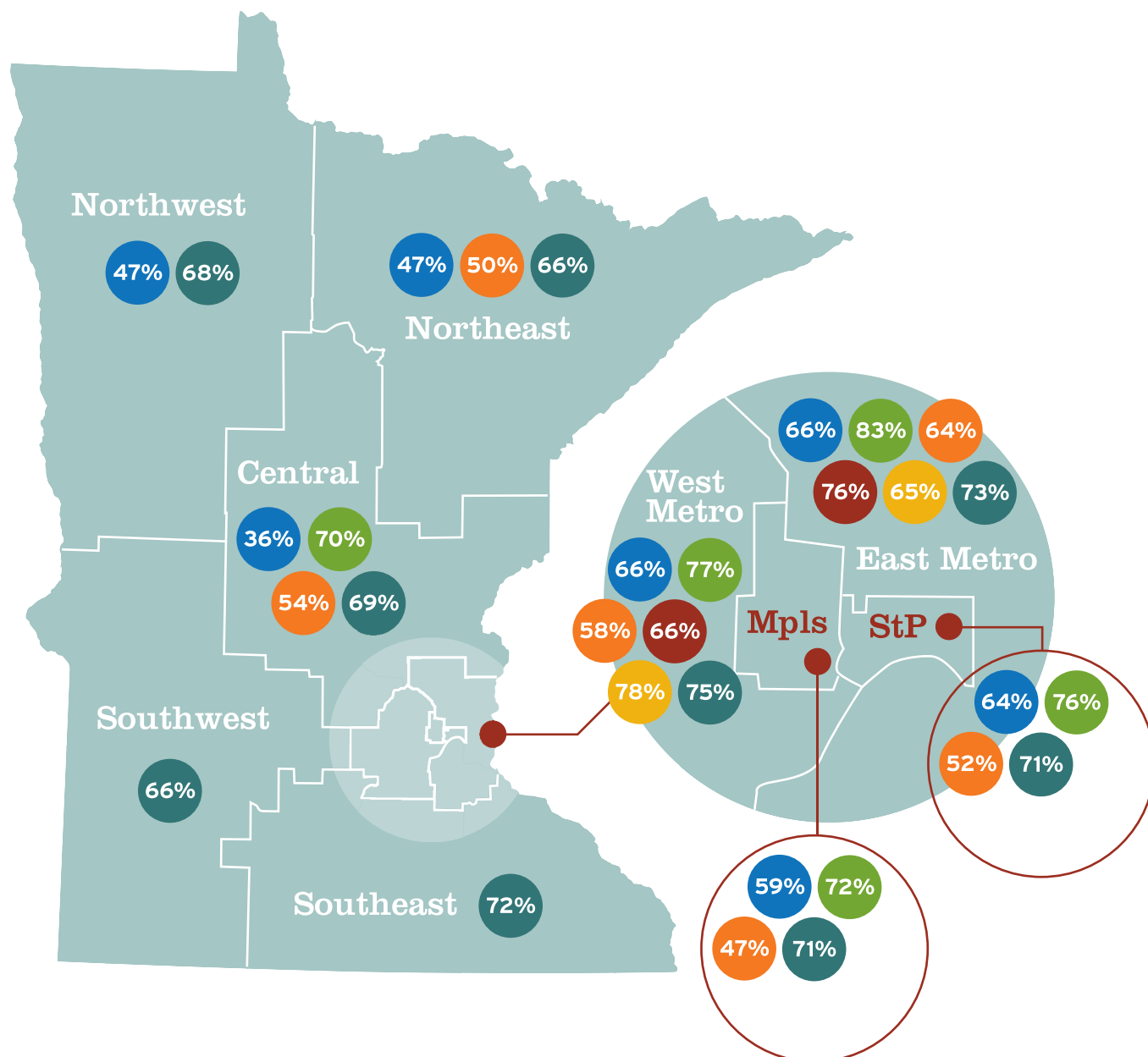
- **St. Paul:** Asian patients had the highest rate at 76%; Black or African American patients had the lowest rate at 52%.
- **East Metro:** Asian patients had the highest rate at 83%; Black or African American patients had the lowest rate at 64%.
- **Northwest:** White patients had the highest rate at 68%; American Indian or Alaskan Native patients had the lowest rate at 47%.
- **Central:** Asian patients had the highest rate at 70%; American Indian or Alaskan Native patients had the lowest rate at 36%.
- **Northeast:** White patients had the highest rate at 66%; American Indian or Alaskan Native patients had the lowest rate at 47%.
- **Southeast:** There was only one reportable racial group for this region.
- **Southwest:** There was only one reportable racial group for this region.

The following pages display graphics comparing Optimal Vascular Care regional rates by race. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

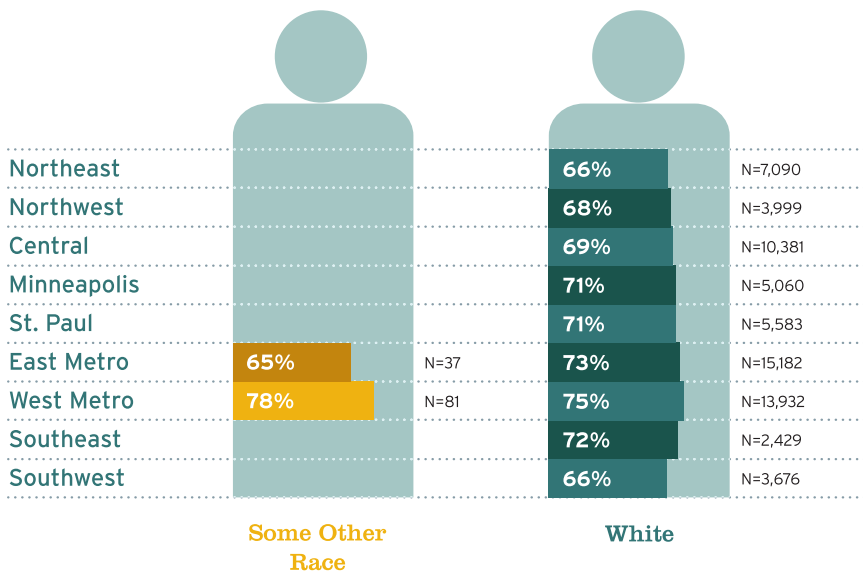
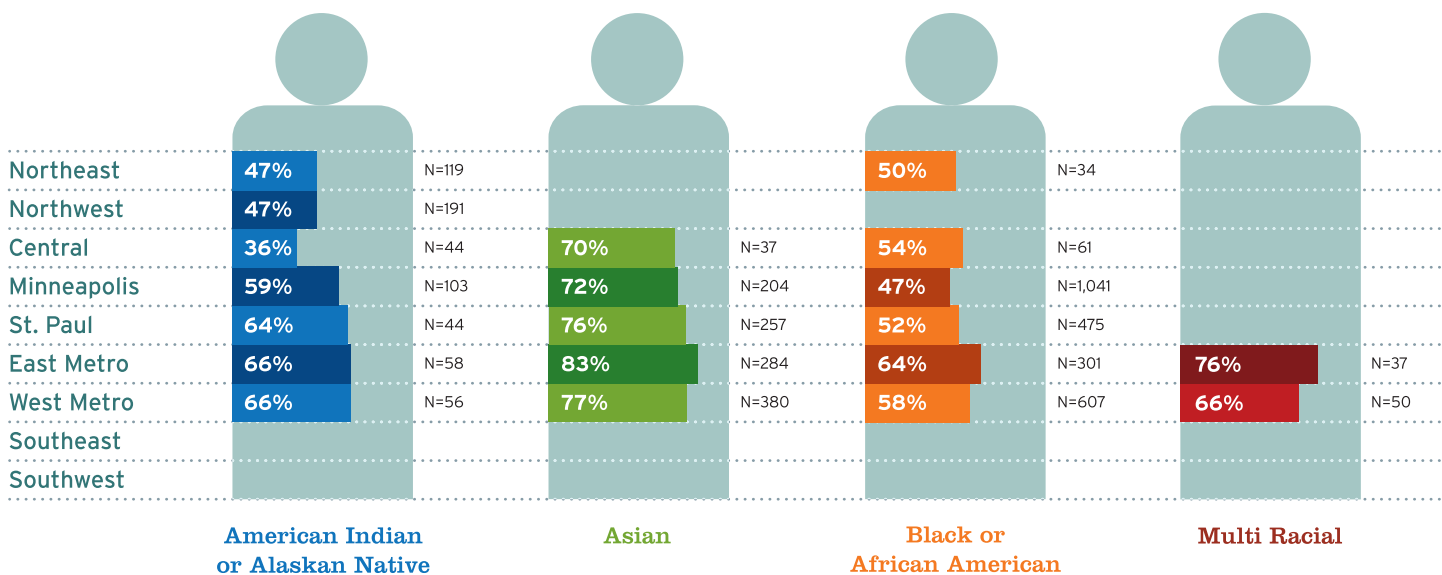
Optimal Vascular Care Rates by Race

- American Indian or Alaskan Native
- Asian
- Black or African American
- Multi Racial

- Native Hawaiian or Other Pacific Islander
- Some Other Race
- White



Optimal Vascular Care Rates by Race



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Vascular Care

Regional Results by Hispanic Ethnicity

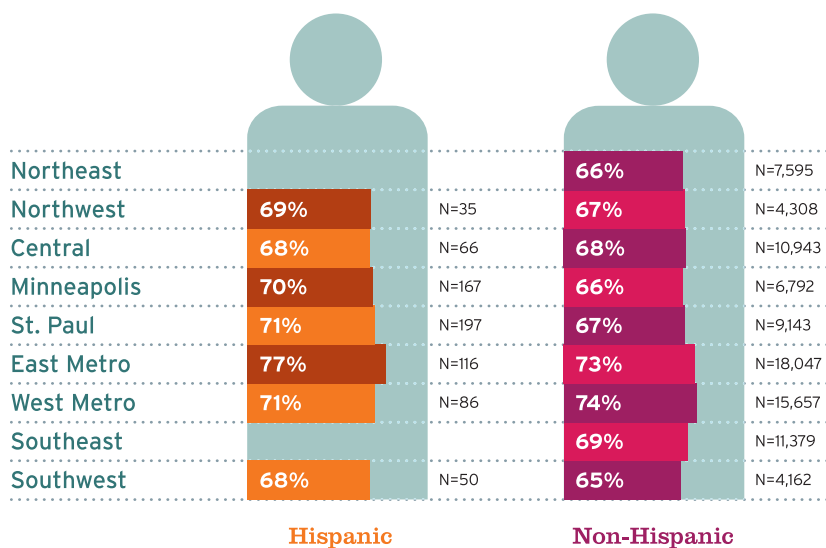
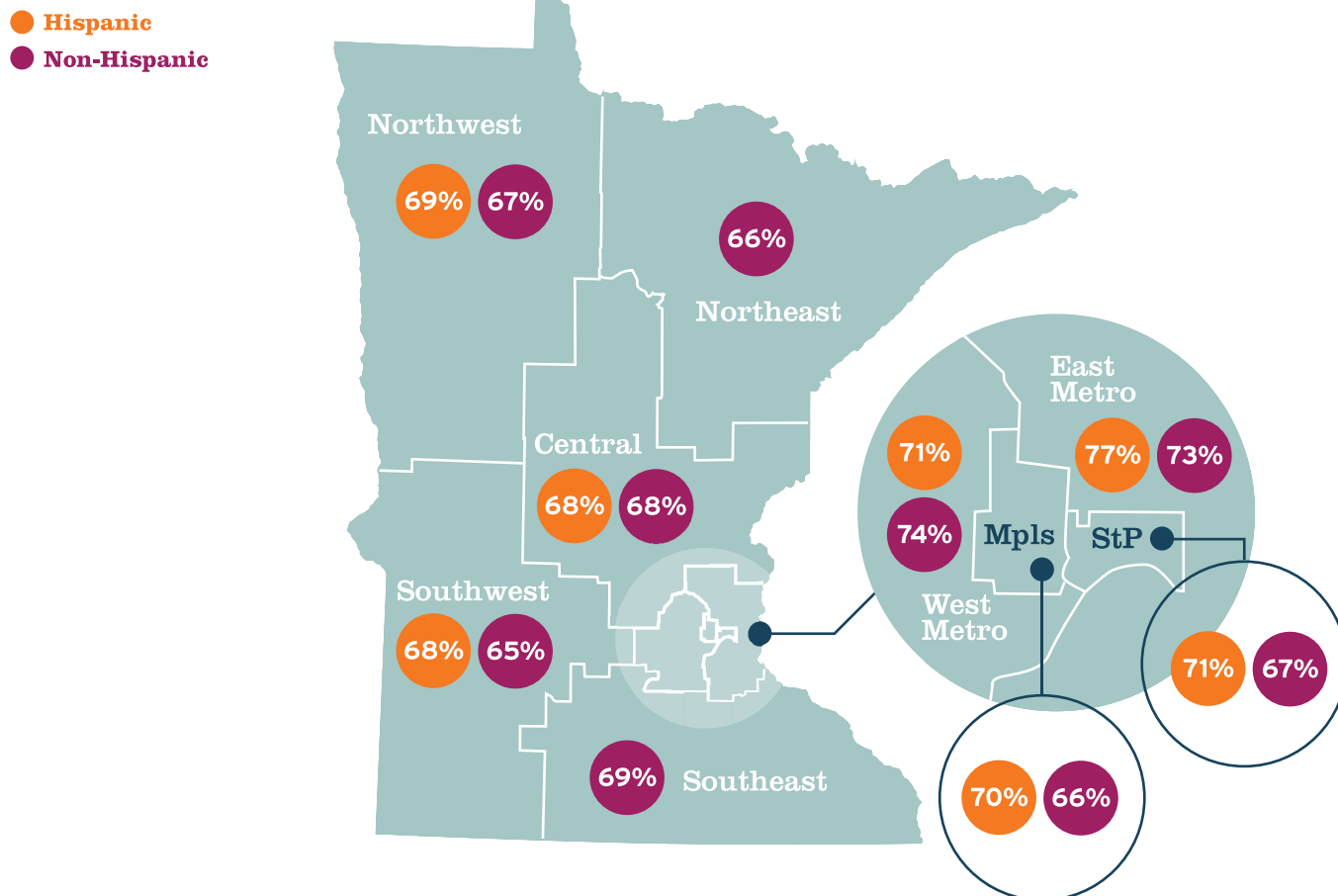
Statewide rates for each ethnic group were stratified by region for comparative analyses. Hispanics had a higher rate compared to Non-Hispanics in five of the seven regions they were reportable for. Non-Hispanics had a higher rate than Hispanics in the West Metro region. Hispanics and Non-Hispanics had the same rate in the Central region at 68%.

Hispanics had the highest rate in the East Metro region at 77% and the lowest rate in the Central and Southwest regions at 68%.

Non-Hispanics had the highest rate in the West Metro region at 74%. The lowest rate for Non-Hispanics was in the Southwest region at 65%.

The following page displays graphics comparing Optimal Vascular Care regional rates by Hispanic ethnicity. Rates are not displayed for ethnic groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Vascular Care Rates by Hispanic Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Vascular Care

Regional Results by Preferred Language

Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest rates were held by the following preferred language groups for **each region**:

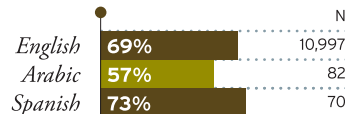
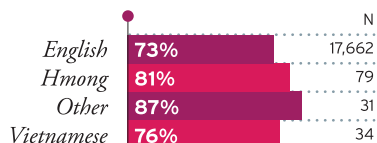
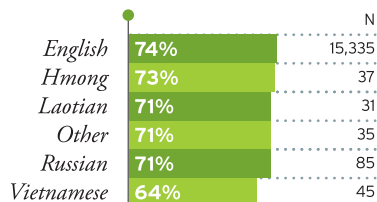
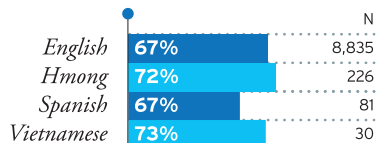
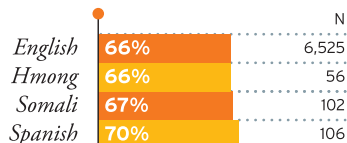
- **Minneapolis:** Patients who preferred speaking Spanish had the highest rate at 70%; patients who preferred speaking English and Hmong had the lowest rate at 66%.
- **West Metro:** Patients who preferred speaking English had the highest rate at 74%; patients who preferred speaking Vietnamese had the lowest rate at 64%.
- **St. Paul:** Patients who preferred speaking Vietnamese had the highest rate at 73%; patients who preferred speaking English and Spanish had the lowest rate at 67%.
- **East Metro:** Patients who preferred speaking an Other language had the highest rate at 87%; patients who preferred speaking English had the lowest rate at 73%.
- **Northwest:** There was only one reportable preferred language group for this region.
- **Central:** There was only one reportable preferred language group for this region.
- **Northeast:** There was only one reportable preferred language group for this region.
- **Southeast:** Patients who preferred speaking Spanish had the highest rate at 73%; patients who preferred speaking Arabic had the lowest rate at 57%.
- **Southwest:** There was only one reportable preferred language group for this region.

Patients who preferred speaking **Spanish** had the highest rate in two of the three regions that the group was reportable for; the highest rate was in the Southeast region at 73%.

Patients who preferred speaking **English** had the highest rate in the West Metro region at 74%, and the lowest rate in the Southwest region at 65%.

The following page displays graphics comparing Optimal Vascular Care regional rates by preferred language. Rates are not displayed for language groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Vascular Care Rates by Preferred Language



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Vascular Care

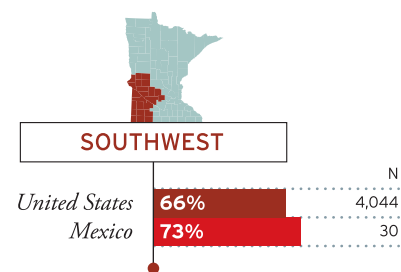
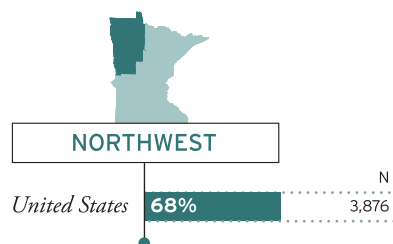
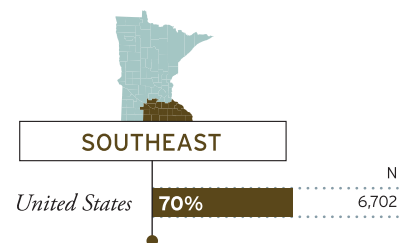
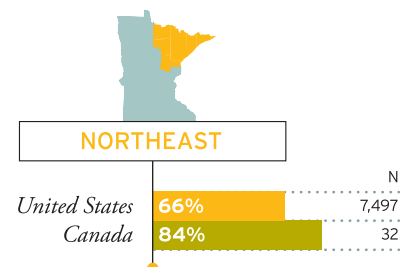
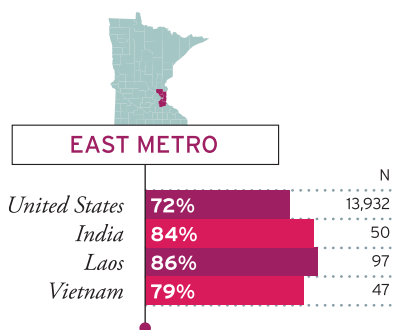
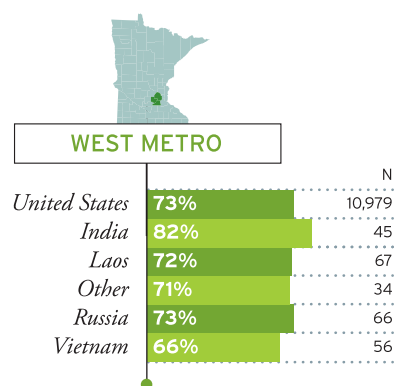
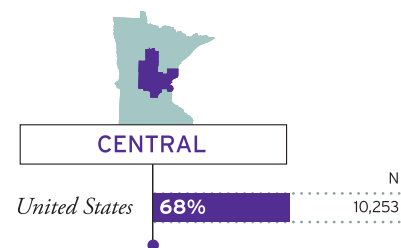
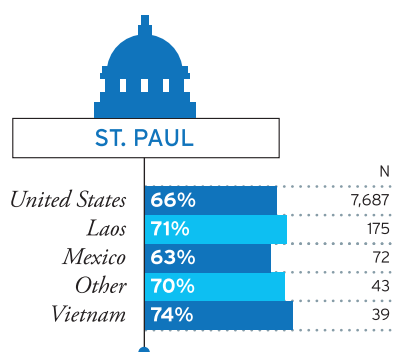
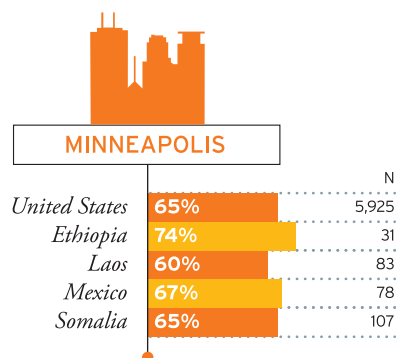
Regional Results by Country of Origin

Statewide rates for each country of origin group were stratified by region for comparative analyses. The highest and lowest rates were held by the following country of origin groups for **each region**:

- **Minneapolis:** Patients born in Ethiopia had the highest rate at 74%; patients born in Laos had the lowest rate at 60%.
- **West Metro:** Patients born in India had the highest rate at 82%; patients born in Vietnam had the lowest rate at 71%.
- **St. Paul:** Patients born in Vietnam had the highest rate at 74%; patients born in Mexico had the lowest rate at 63%.
- **East Metro:** Patients born in Laos had the highest rate at 86%; patients born in the United States had the lowest rate at 72%.
- **Northwest:** There was only one reportable country of origin group for this region.
- **Central:** There was only one reportable country of origin group for this region.
- **Northeast:** Patients born in Canada had the highest rate at 84%; patients born in the United States had the lowest rate at 66%.
- **Southeast:** There was only one reportable country of origin group for this region.
- **Southwest:** Patients born in Mexico had the highest rate at 73%; patients born in the United States had the lowest rate at 66%.

The following page displays graphics comparing Optimal Vascular Care regional rates by country of origin. Rates are not displayed for countries that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Vascular Care Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

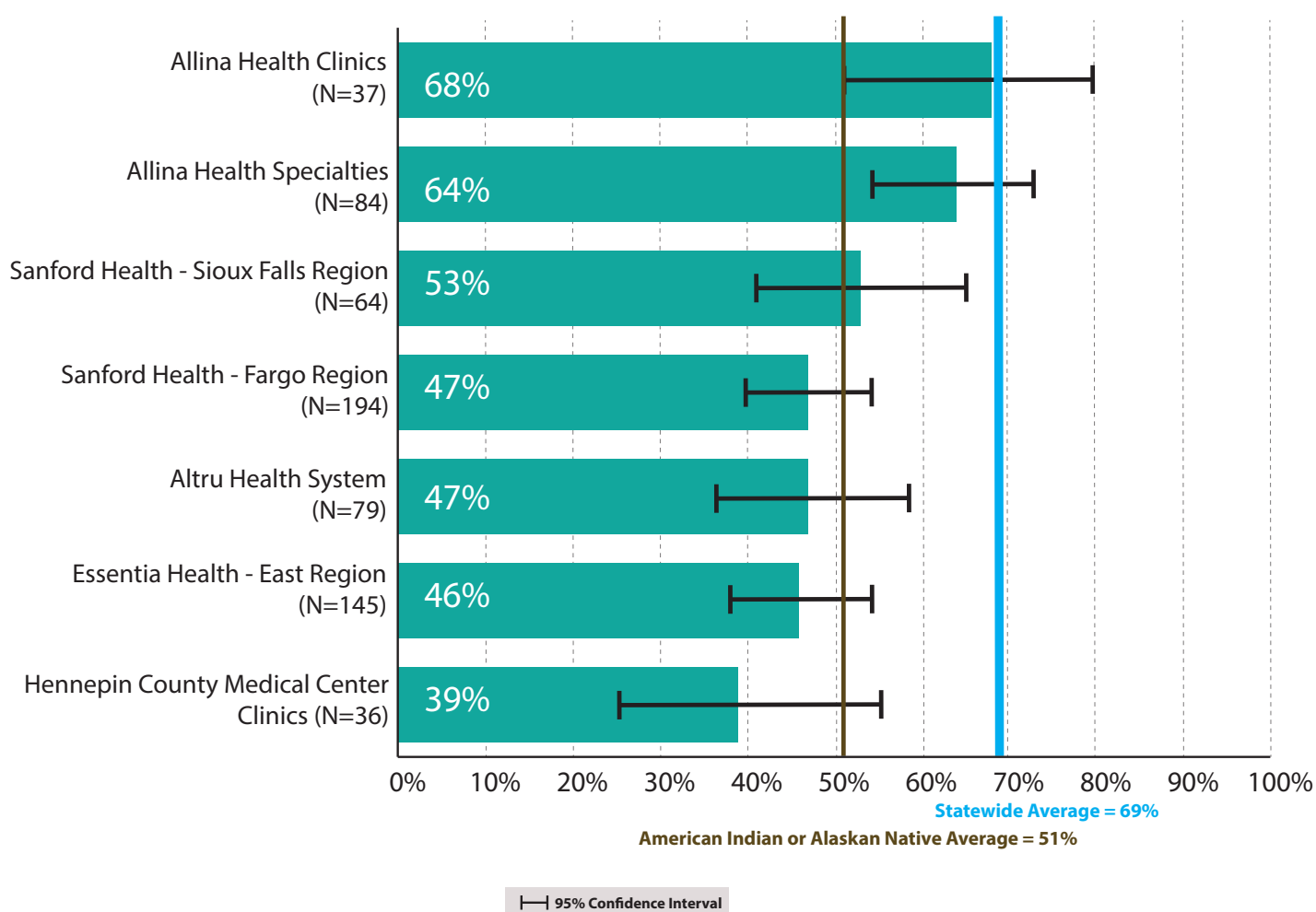
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MEDICAL GROUP RESULTS

Optimal Vascular Care by Race

Figure 24 shows medical group level results for Optimal Vascular Care for American Indian or Alaskan Native patients. The American Indian or Alaskan Native average is 51% compared to the overall statewide average of 69%. Allina Health Clinics had the highest rate at 68%. There were two medical groups (Allina Health Clinics and Allina Health Specialties) with rates that were not significantly different from the statewide average for all racial groups. There was one medical group (Allina Health Specialties) with an optimal care rate significantly above the American Indian or Alaskan Native average. There were no medical groups with a rate significantly below the American Indian or Alaskan Native average.

FIGURE 24: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR AMERICAN INDIAN OR ALASKAN NATIVE PATIENTS

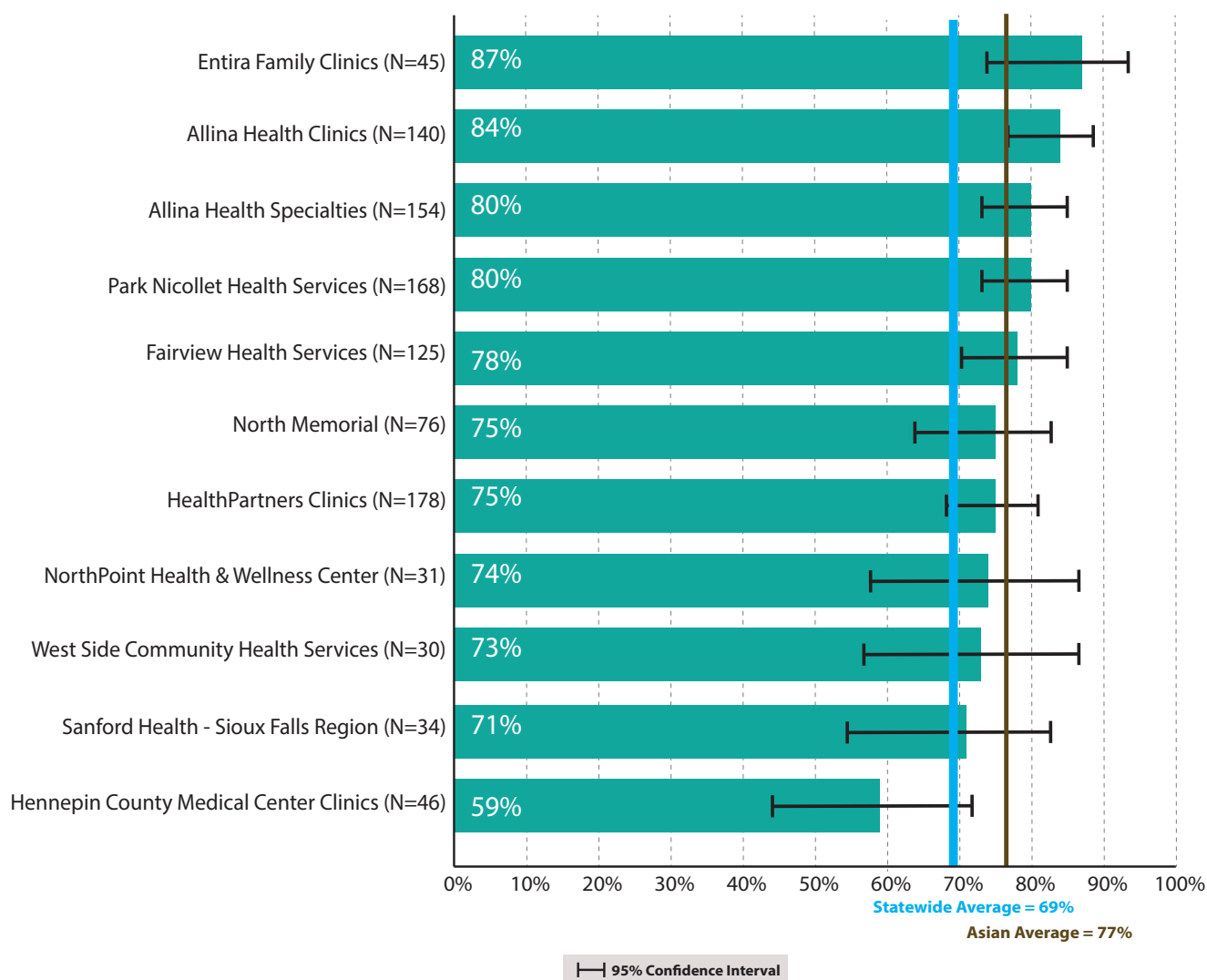


MEDICAL GROUP RESULTS

Optimal Vascular Care by Race

Figure 25 shows medical group level results for Optimal Vascular Care for Asian patients. The Asian average is 77% compared to the overall statewide average of 69%. Entira Family Clinics had the highest rate at 87%. There were five medical groups (Entira Family Clinics, Allina Health Clinics, Allina Health Specialties, Park Nicollet Health Services and Fairview Health Services) with rates significantly above the overall statewide average. There were no medical groups with an optimal care rate significantly above the Asian average. There was one medical group with an optimal care rate significantly below the Asian average.

FIGURE 25: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR ASIAN PATIENTS

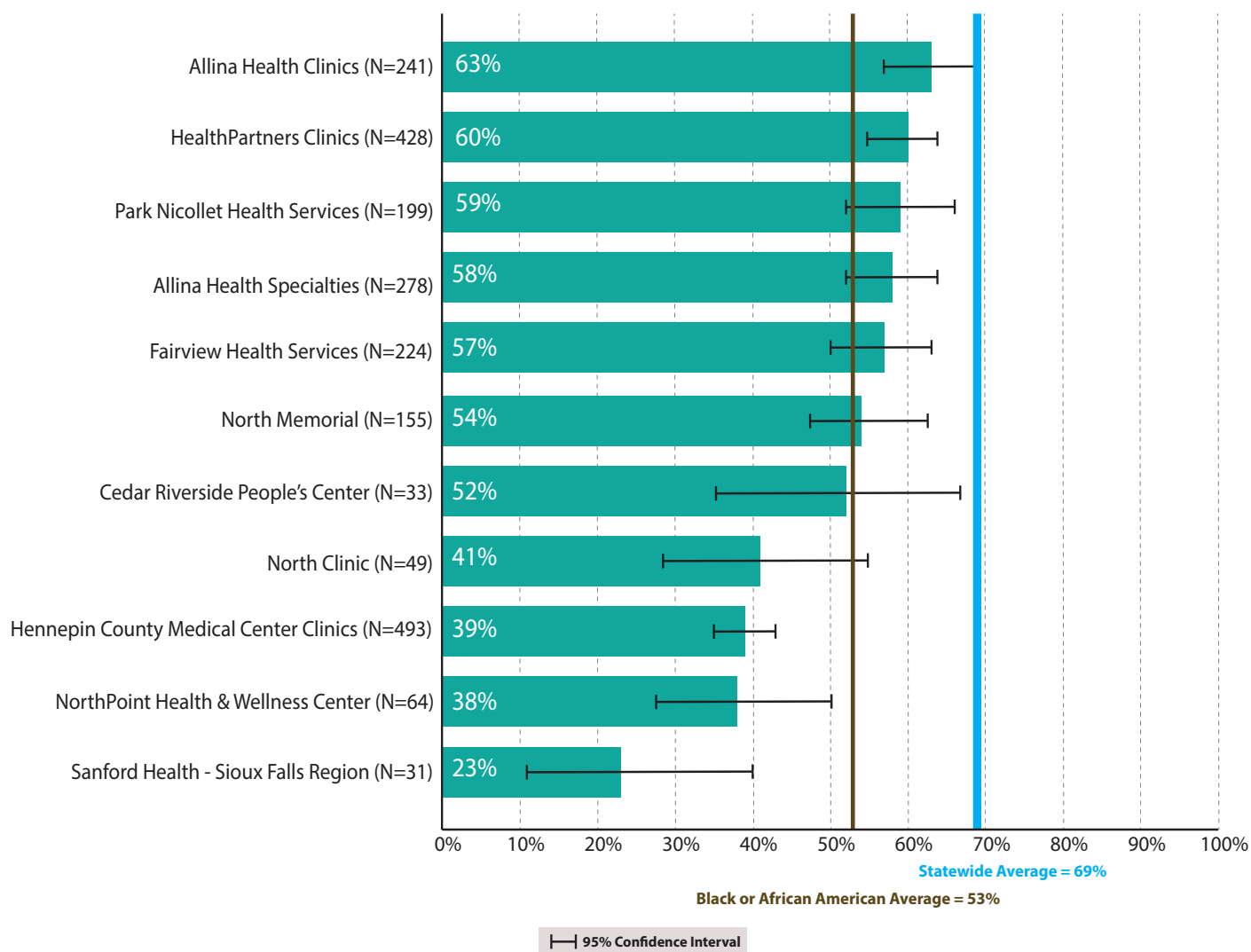


MEDICAL GROUP RESULTS

Optimal Vascular Care by Race

Figure 26 shows medical group level results for Optimal Vascular Care for Black or African American patients. The Black or African American average is 53% compared to the statewide average of 69%. Allina Health Clinics had the highest rate at 63%, but it was not significantly different from the overall statewide average. There were two medical groups (Allina Health Clinics and HealthPartners Clinics) with optimal care rates significantly above the Black or African American average. There were three medical groups with rates significantly below the Black or African American average.

FIGURE 26: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR BLACK OR AFRICAN AMERICAN PATIENTS

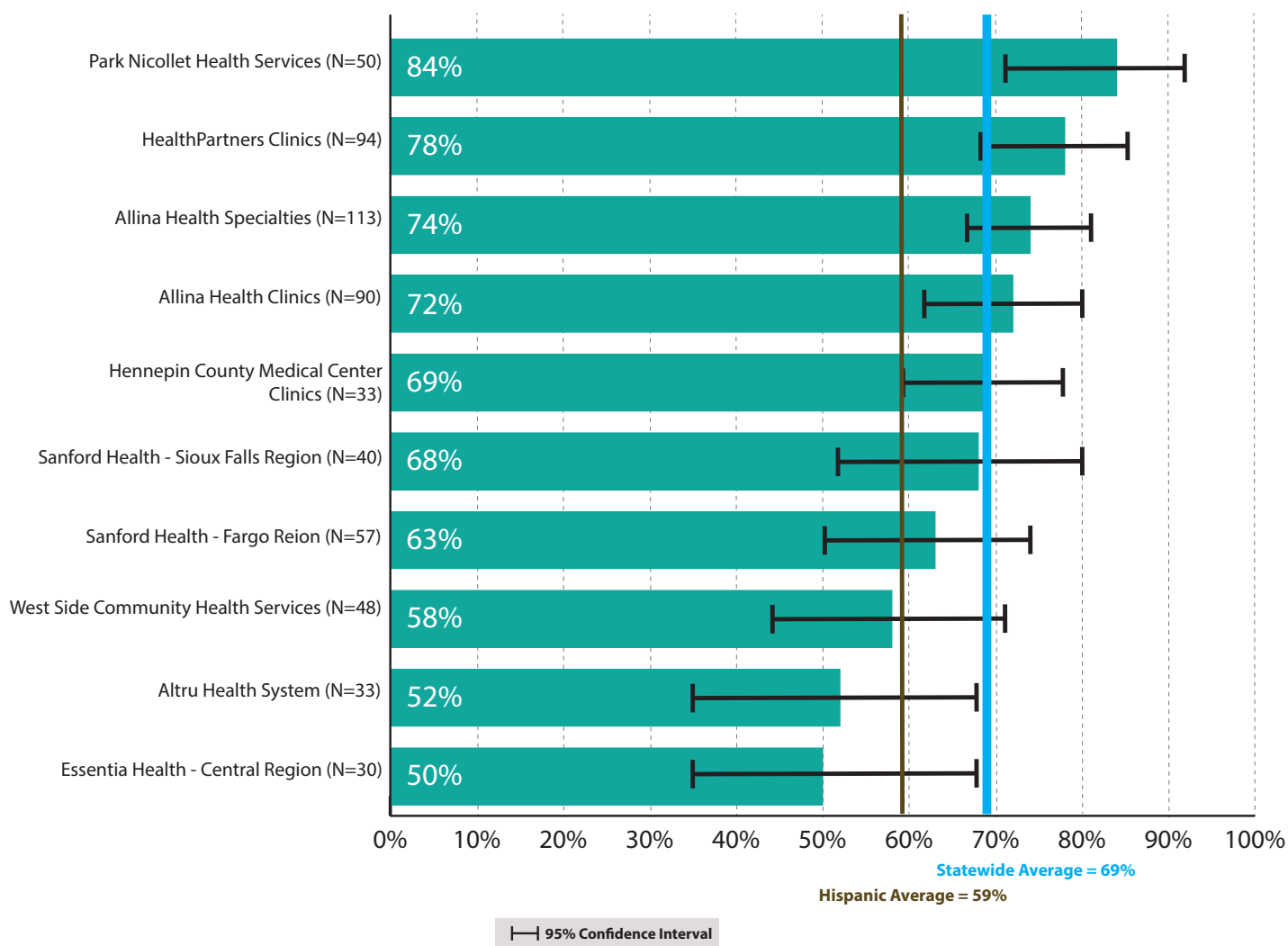


MEDICAL GROUP RESULTS

Optimal Vascular Care by Hispanic Ethnicity

Figure 27 shows medical group level results for Optimal Vascular Care for Hispanic patients. The Hispanic average is 59% compared to the overall statewide average of 69%. Park Nicollet Health Services had the highest rate at 84%, and it was significantly above the overall statewide average. There were four medical groups (Park Nicollet Health Services, HealthPartners Clinics, Allina Health Specialties and Allina Health Clinics) with rates significantly above the Hispanic average. There were no medical groups with an optimal care rate significantly below the Hispanic average.

FIGURE 27: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR HISPANIC ETHNICITY



MEDICAL GROUP RESULTS

Optimal Vascular Care by Hispanic Ethnicity

Figure 28 shows medical group level results for Optimal Vascular Care for Non-Hispanic patients. The Non-Hispanic average is 70% compared to the overall statewide average of 69%. Vibrant Health Family Clinics and Minnesota Health Network had the highest rate at 79%. There were nine medical groups (Vibrant Health Family Clinics and Minnesota Health Network, Park Nicollet Health Services, Entria Family Clinics, Mankato Clinic, Ltd., Stillwater Medical Group, Allina Health Clinics, Sanford Health - Fargo Region, Allina Health Specialties and Fairview Health Services) with rates significantly above both the Non-Hispanic and overall statewide averages. There were 29 medical groups with rates significantly below the Non-Hispanic average.

FIGURE 28: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY

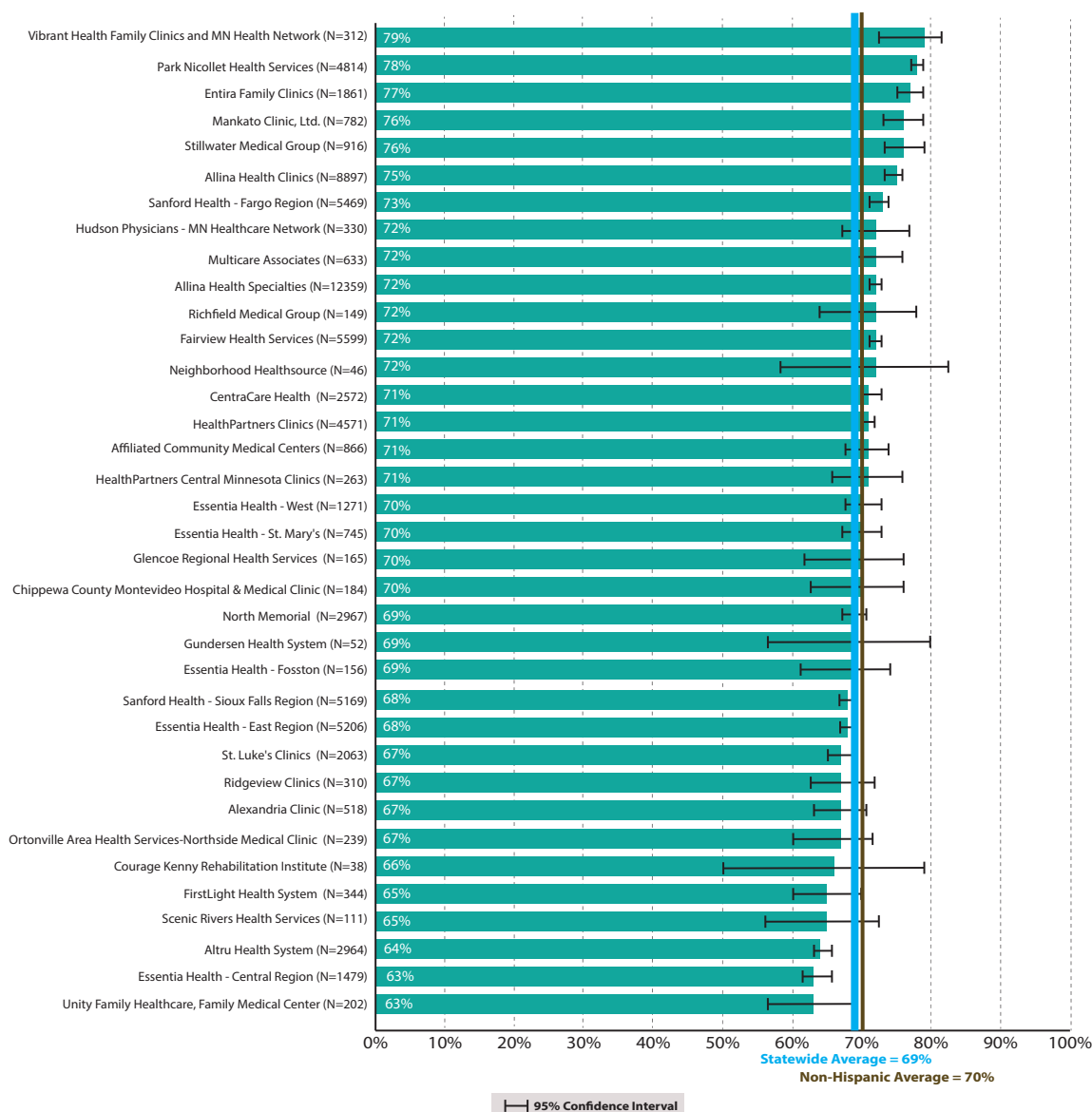
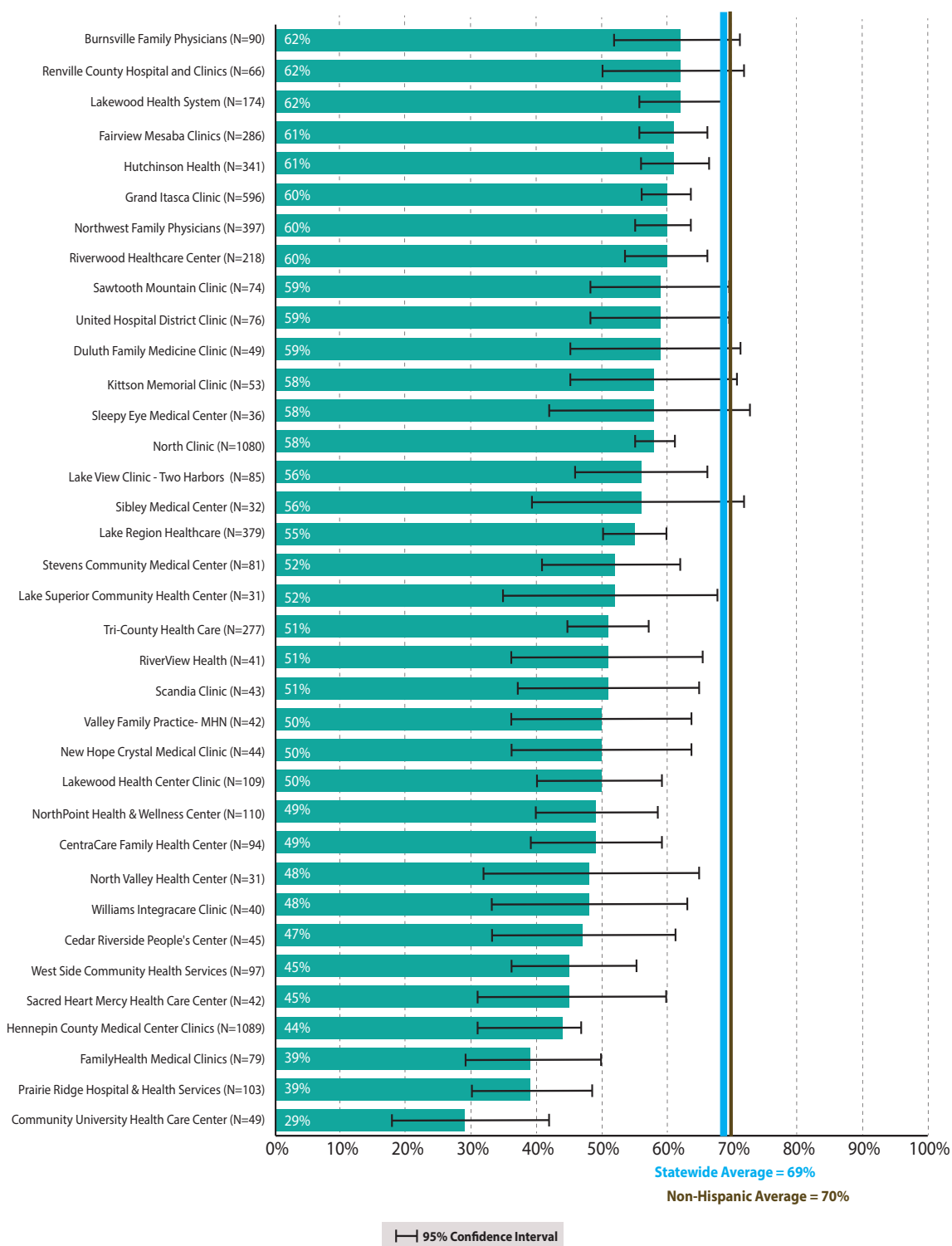


FIGURE 28: STATEWIDE RATES FOR OPTIMAL VASCULAR CARE BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY CONTINUED



Please see next page.

STATEWIDE RESULTS

Optimal Asthma Control - Adults

PERSPECTIVES ON HEALTH EQUITY

MONICA HURTADO

RACIAL JUSTICE AND HEALTH EQUITY ORGANIZER

VOICES FOR RACIAL JUSTICE

For more than two decades, Voices for Racial Justice has advocated for policies and changes that advance the racial, cultural, social and economic well-being of communities of color and American Indian communities in Minnesota. In recent years, some of those efforts have focused on the collection and reporting of health outcomes segmented by race, ethnicity, language and country of origin.

"To understand how to be healthier, racial, cultural and ethnic communities need to understand how healthy they are now," said Voices for Racial Justice's Monica Hurtado. "Data helps to create the story and the narrative to achieve change - policy change, changes in how resources are allocated and in how priorities are defined."

While communities of color experience disparities in health care, community organizers like Voices for Racial Justice struggle to quantify the problem and results of disparities without a larger set of experiences to compare them to.

"In communities, we know the stories," she said. "But we don't always have the resources because funders rely a lot on numbers. I see the role of the data as helping us to tell a more comprehensive story to develop more meaningful solutions for disparities."

A critical aspect of having changes on disparities is ensuring patients are comfortable sharing sociodemographic information with providers.

In partnership with the Minnesota Department of Health, Voices for Racial Justice conducted key informant interviews with patients representing a variety of communities to understand their willingness to share information on personal characteristics (e.g., race, income, sexual orientation and housing status) with their clinics. While most indicated a willingness to share, notable exceptions were sexual orientation and income.

"Community members expressed fear of being discriminated against and mistreated if providers knew they were poor or not heterosexual," Hurtado explained. "We anticipated finding that people were having trust issues with the health care system, but we were surprised by how deep and common the distrust was."

"Interactions with the health care systems tend to be very difficult for communities of color," she said. "They're very hierarchical, with providers seeing themselves as the experts at prescribing medication or changing behaviors, but not considering the context in which people live."

To build trust, Hurtado said authentic community engagement is needed between medical clinic staff and the communities they serve. Clinic staff at all levels should be trained in cultural humility and cultural competency.

"We need to go back to our roots as human beings and understand that we all have implicit biases; both providers & patients," Hurtado said. "We need to become aware and develop relationships between people in the health system and outside in the community to see how trust can be rebuilt."

Additionally, patients indicated more willingness to provide sociodemographic information when they know that it will be kept confidential and understand how it will be used.

"Transparency, openness and humility are key factors for the health care system to re-develop trust within communities," Hurtado said.

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

- Evidence of well-controlled asthma determined through the use of an asthma control tool (e.g., Asthma Control Test (ACT); Childhood Asthma Control Test (C-ACT); Asthma Control Questionnaire (ACQ); or Asthma Therapy Assessment Questionnaire (ATAQ))
- Not at risk for elevated exacerbation as evidenced by patient-reported emergency department visits and hospitalizations

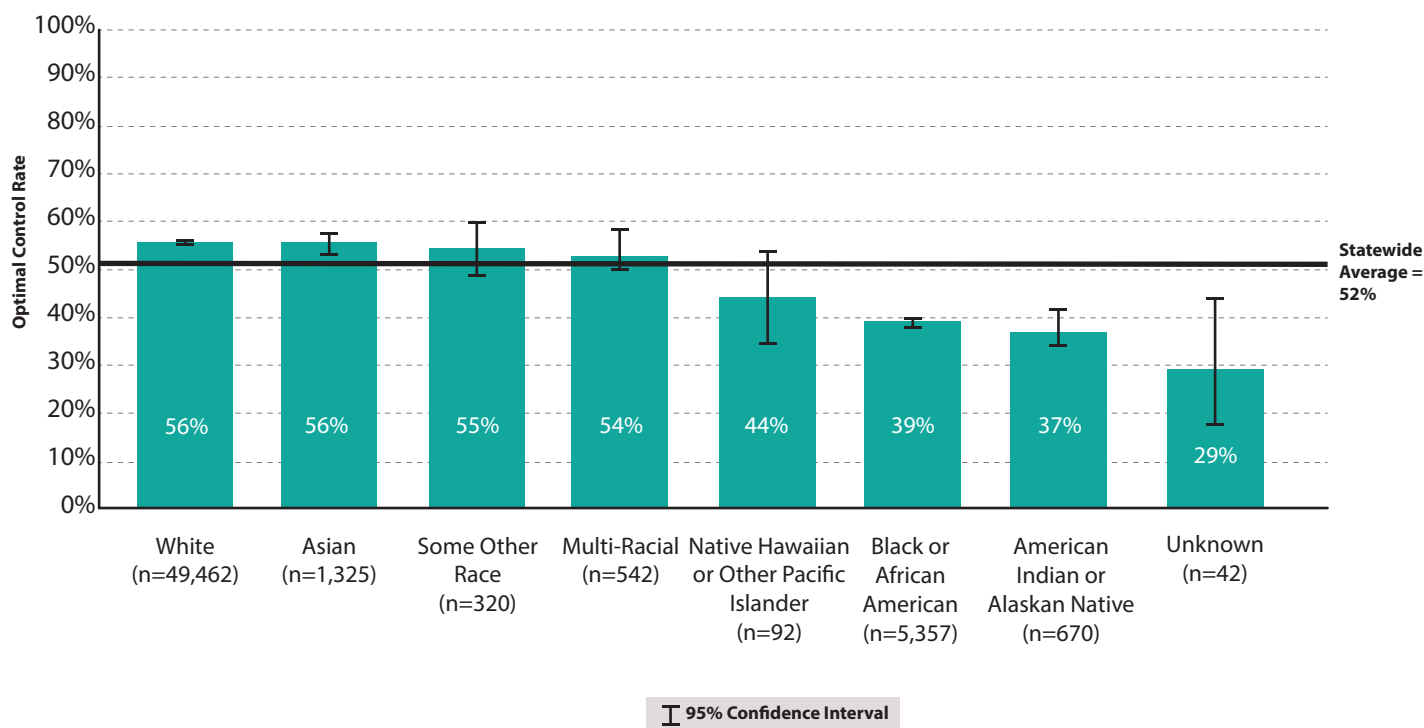
The statewide rate for Optimal Asthma Control - Adults is 52%.

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

STATEWIDE RESULTS BY RACE

Optimal Asthma Control - Adults

Figure 29 shows statewide Optimal Asthma Control – Adult rates by race. The White racial group had the highest rate of optimal control at 56%; this rate was significantly higher than the statewide average (52%). The Asian racial group was the only other racial group to have an optimal control rate (56%) significantly higher than the statewide average. The Unknown racial group had the lowest rate of optimal control at 29% and this was significantly below the statewide average. Additionally, the Black or African American and American Indian or Alaskan Native racial groups also had rates significantly below the statewide average.

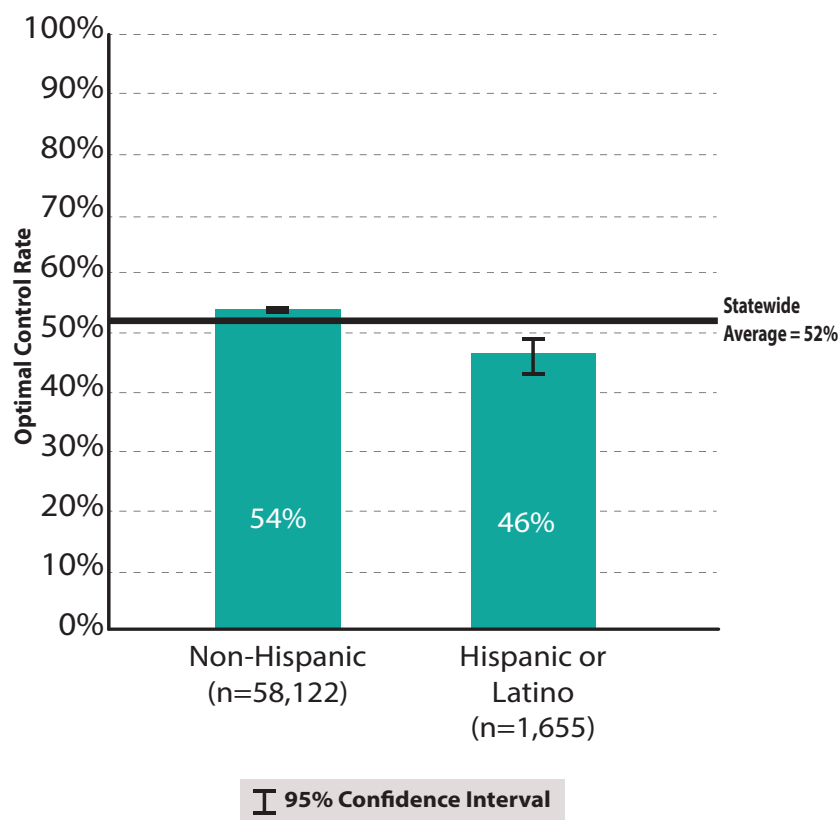
FIGURE 29: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY RACE

STATEWIDE RESULTS BY HISPANIC ETHNICITY

Optimal Asthma Control - Adults

Figure 30 shows statewide Optima Asthma Control – Adults rates by Hispanic ethnicity. Non-Hispanics had a significantly higher rate of optimal control (54%) than Hispanics (46%) and the statewide average (52%). Hispanics had a rate of optimal control that was significantly lower than the statewide average.

FIGURE 30: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY HISPANIC ETHNICITY

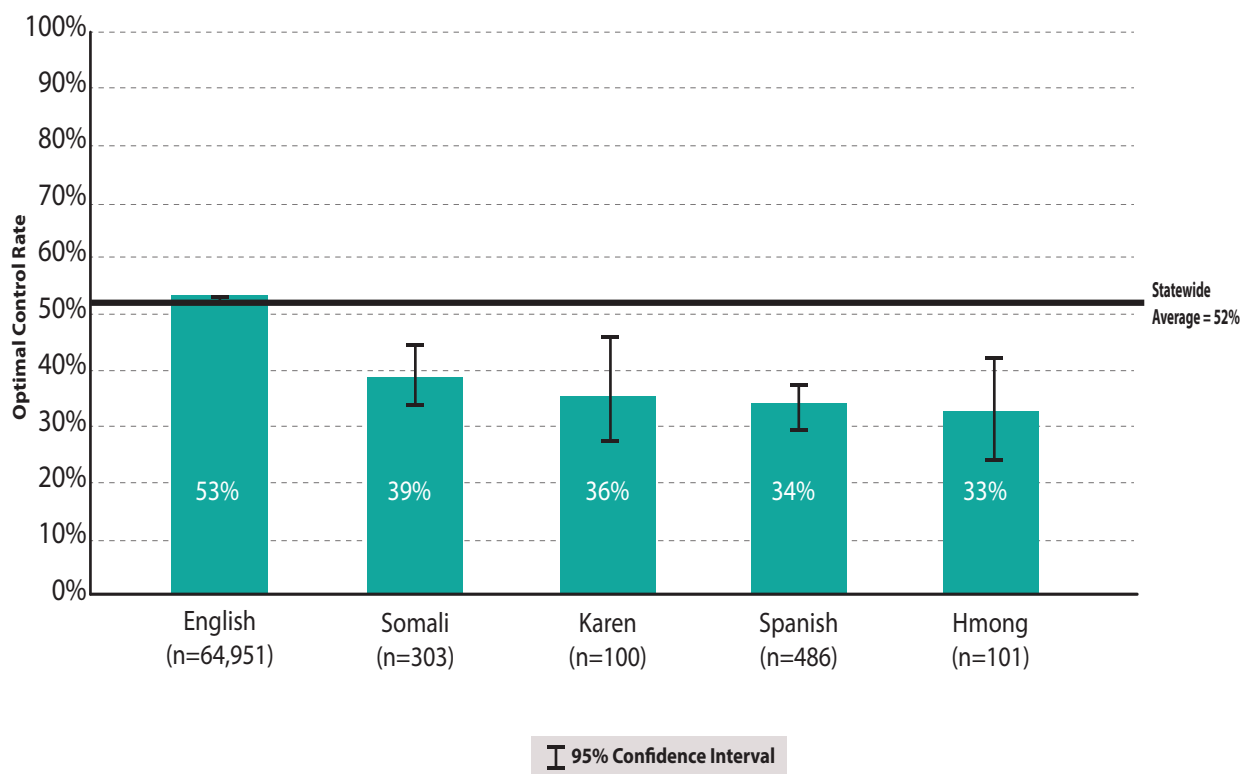


STATEWIDE RESULTS BY PREFERRED LANGUAGE

Optimal Asthma Control - Adults

Figure 31 shows statewide Optimal Asthma Control – Adult rates by preferred language. Patients who indicated English as their preferred language had the highest rate of optimal control (53%); however, this rate was not significantly higher than the statewide average (52%). Patients who indicated Hmong as their preferred language had the lowest optimal control rate at 33% and this was significantly below the statewide average. Additionally, patients who indicated Somali, Karen, and Spanish had optimal control rates significantly lower than the statewide average. The English preferred language optimal control rate was significantly higher than all the other preferred language optimal rates.

FIGURE 31: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL- ADULTS BY PREFERRED LANGUAGE

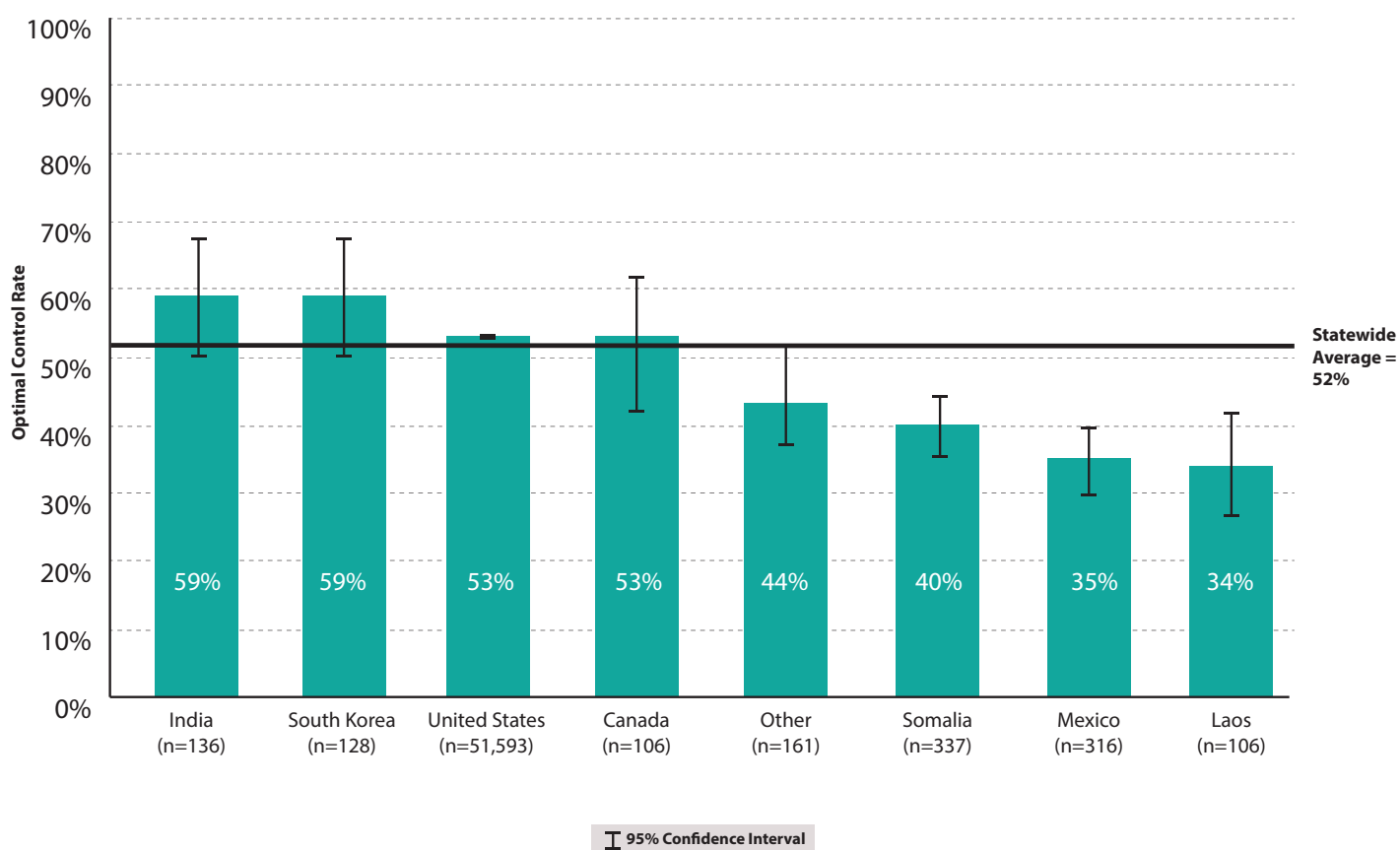


STATEWIDE RESULTS BY COUNTRY OF ORIGIN

Optimal Asthma Control - Adults

Figure 32 shows statewide Optimal Asthma Control – Adults rates by country of origin. Patients born in India and South Korea had the highest rate of optimal control at 59%; however, this was not significantly higher than the statewide average (52%). The United States was the only country of origin that had an optimal rate significantly higher than the statewide average at 53%. Patients born in Laos had the lowest optimal rate at 34%, which was significantly lower than the statewide average. Notably, patients born in Mexico and Somalia also had optimal control rates below the statewide average and the United States optimal control rate.

FIGURE 32: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY COUNTRY OF ORIGIN



Please see next page.

REGIONAL RESULTS

Optimal Asthma Control - Adults

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race

Statewide rates for each racial group were stratified by region for comparative analyses. For Optimal Asthma Control – Adults, the highest and lowest rates for **each racial group** were found in the following regions:

- **American Indian or Alaskan Native:** The highest rate for this racial group was found in the East Metro region at 55%; the lowest rate was found in the Northeast region at 23%.
- **Asian:** The highest rate for this racial group was found in the East Metro region at 69%; the lowest rate was found in the Minneapolis region at 33%.
- **Black or African American:** The highest rate for this racial group was found in the East Metro region at 52%; the lowest rate was found in the Southwest region at 26%.
- **Multi-Racial:** The highest rate for this racial group was found in the West Metro region at 63%; the lowest rate was found in the Minneapolis region at 41%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** The highest rate for this racial group was found in the East Metro region at 60%; the lowest rate was found in the West Metro region at 45%.
- **White:** The highest rate for this racial group was found in the East Metro region at 68%; the lowest rate was found in the Northwest region at 36%.

The White racial group had the highest rate in six of the nine regions. The Black or African American racial group had the lowest rate in seven of the nine regions.

The highest and lowest rates were held by the following racial groups for **each region**:

- **Minneapolis:** White patients had the highest rate at 57%; Black or African American patients had the lowest rate at 29%.
- **West Metro:** White patients and Multi-Racial patients had the highest rate at 63%; patients with Some Other Race had the lowest rate at 45%.

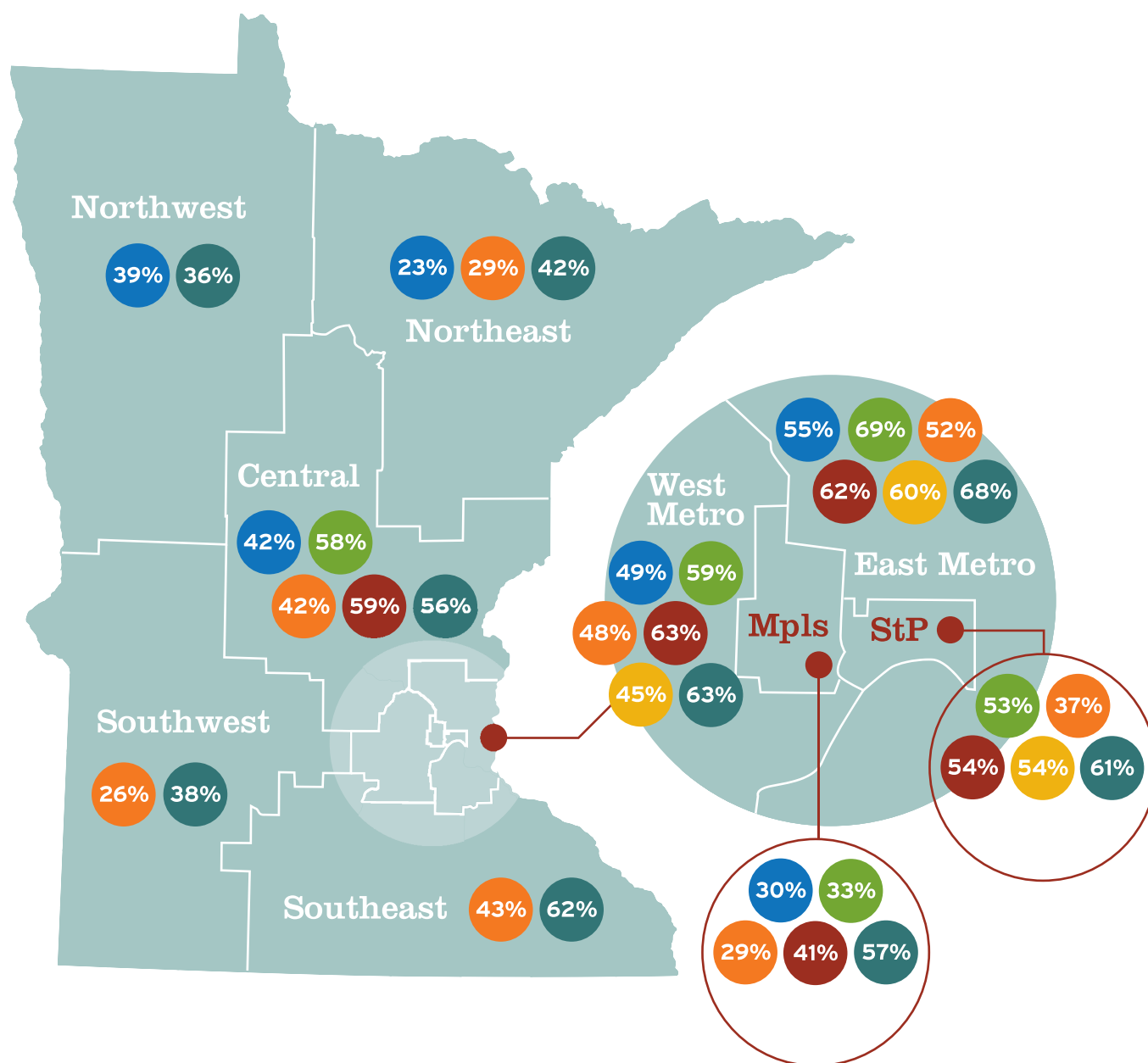
- **St. Paul:** White patients had the highest rate at 61%; Black or African American patients had the lowest rate at 37%.
- **East Metro:** Asian patients had the highest rate at 69%; Black or African American patients had the lowest rate at 52%.
- **Northwest:** There were only two reportable racial groups for this region. American Indian or Alaskan Native patients had the highest rate at 39%; White patients had the lowest rate at 36%.
- **Central:** Multi-Racial patients had the highest rate at 59%; Black or African American patients had the lowest rate at 42%.
- **Northeast:** White patients had the highest rate at 42%; American Indian or Alaskan Native patients had the lowest rate at 23%.
- **Southeast:** There were only two reportable racial groups for this region. White patients had the highest rate at 62%; Black or African American patients had the lowest rate at 43%.
- **Southwest:** There were only two reportable racial groups for this region. White patients had the highest rate at 38%; Black or African American patients had the lowest rate at 26%.

The following page displays graphics comparing Optimal Asthma Control - Adult regional rates by race. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

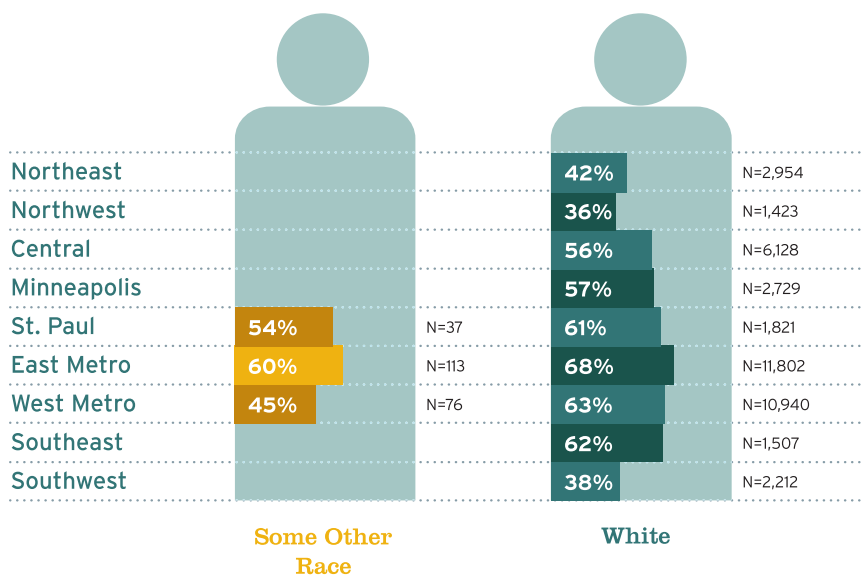
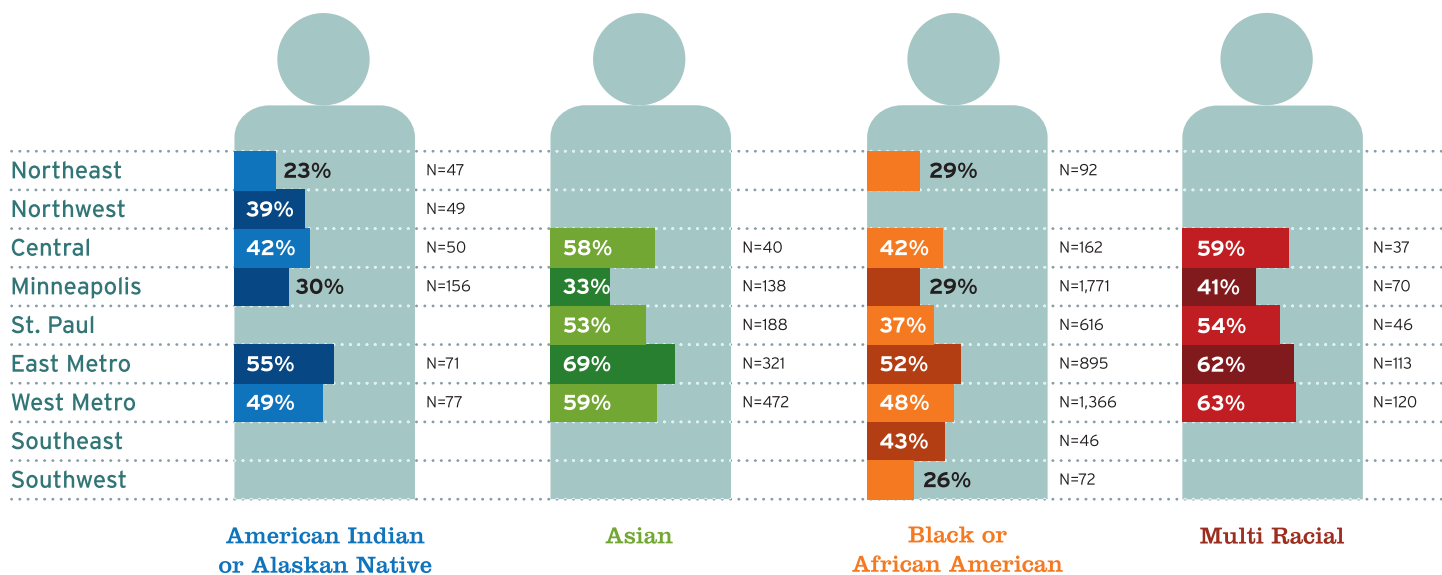
Optimal Asthma Control - Adult Rates by Race

- American Indian or Alaskan Native
- Asian
- Black or African American
- Multi Racial

- Native Hawaiian or Other Pacific Islander
- Some Other Race
- White



Optimal Asthma Control - Adult Rates by Race



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Adults

Regional Results by Hispanic Ethnicity

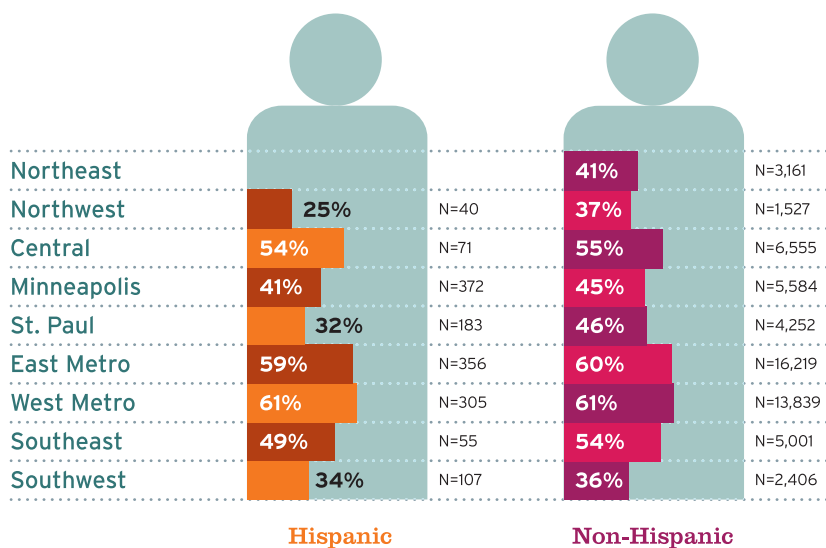
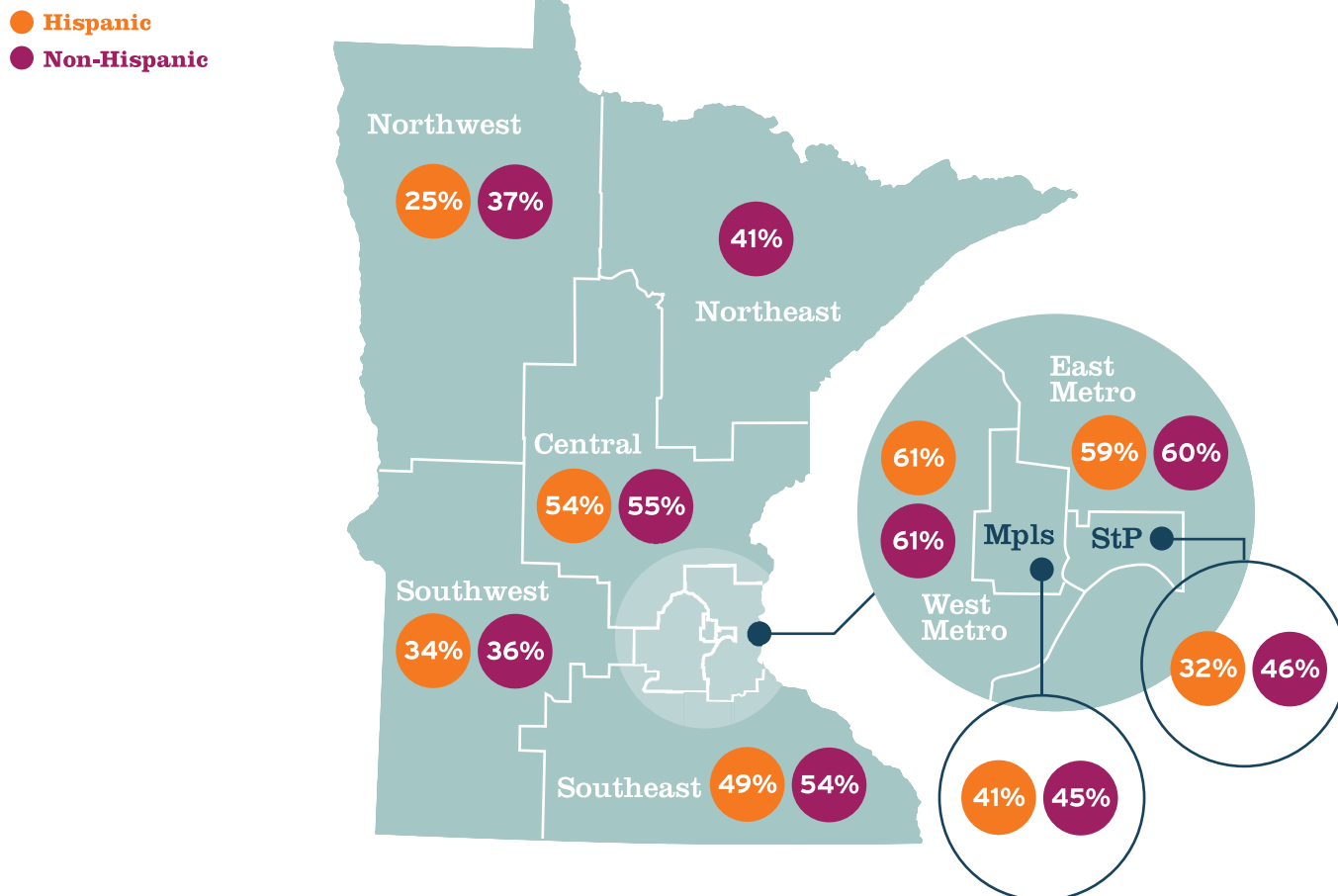
Statewide rates for each ethnic group were stratified by region for comparative analyses. Non-Hispanics had a higher rate compared to Hispanics in seven of the eight regions in which both ethnic groups met the minimum reporting threshold. Hispanics had the same rate as Non-Hispanics for the West Metro region. Additionally, rates were very similar for the two ethnic groups in three of the regions: Central, East Metro and Southwest. The largest difference in rates between the two ethnic groups was found in the St. Paul region, where Non-Hispanics had a rate that was 14 percentage points higher than Hispanics.

Hispanics had the highest rate in the West Metro region at 61% and the lowest rate in the Northwest region at 25%.

Non-Hispanics had the highest rate in the West Metro region at 61%. The lowest rate for Non-Hispanics was found in the Southwest region at 36%.

The following page displays graphics comparing Optimal Asthma Control - Adults regional rates by Hispanic ethnicity. Rates are not displayed for ethnic groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Asthma Control - Adult Rates by Hispanic Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Adults

Regional Results by Preferred Language

Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest rates were held by the following preferred language groups for **each region**:

- **Minneapolis:** Patients who preferred speaking English had the highest rate at 45%; patients who preferred speaking Somali had the lowest rate at 32%.
- **West Metro:** Patients who preferred speaking English had the highest rate at 61%; patients who preferred speaking Somali had the lowest rate at 49%.
- **St. Paul:** Patients who preferred speaking English had the highest rate at 47%; patients who preferred speaking Spanish had the lowest rate at 17%.
- **East Metro:** Patients who preferred speaking English had the highest rate at 60%; patients who preferred speaking Arabic had the lowest rate at 23%.
- **Northwest:** There was only one preferred language group that met the minimum reporting threshold for this region
- **Central:** There was only one preferred language group that met the minimum reporting threshold for this region.
- **Northeast:** There was only one preferred language group that met the minimum reporting threshold for this region.
- **Southeast:** Patients who preferred speaking English had the highest rate at 55%; patients who preferred speaking Arabic had the lowest rate at 16%.
- **Southwest:** Patients who preferred speaking English had the highest rate at 36%; patients who preferred speaking Spanish had the lowest rate at 22%.

Patients who preferred speaking **English** had the highest rate in all regions. The English preferred language group was the only reportable group for three of the regions. The group's highest rate was found in the West Metro region at 61% and their lowest rate was found in the Southwest region at 36%. This is a difference of 25 percentage points.

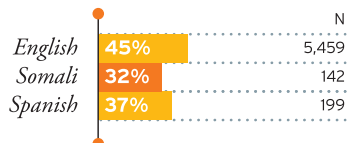
The **Spanish** preferred language group was reportable for six of the nine regions. The highest rate for patients who preferred speaking Spanish was found in the West Metro region at 58% and the lowest rate was found in the St. Paul region at 17%. This is a difference of 41 percentage points.

The following page displays graphics comparing Optimal Asthma Control - Adults regional rates by preferred language. Rates are not displayed for language groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

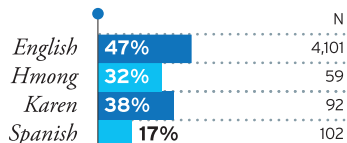
Optimal Asthma Control - Adult Rates by Preferred Language



MINNEAPOLIS



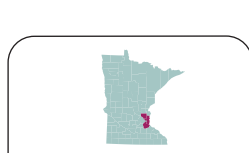
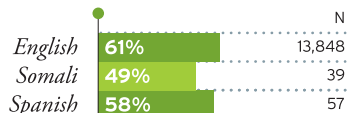
ST. PAUL



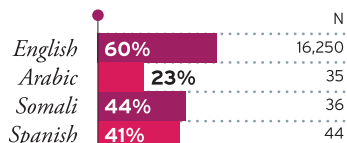
NORTHWEST



WEST METRO



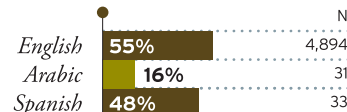
EAST METRO



NORTHEAST



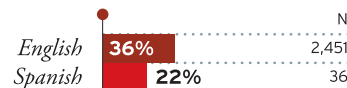
SOUTHEAST



CENTRAL



SOUTHWEST



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Adults

Regional Results by Country of Origin

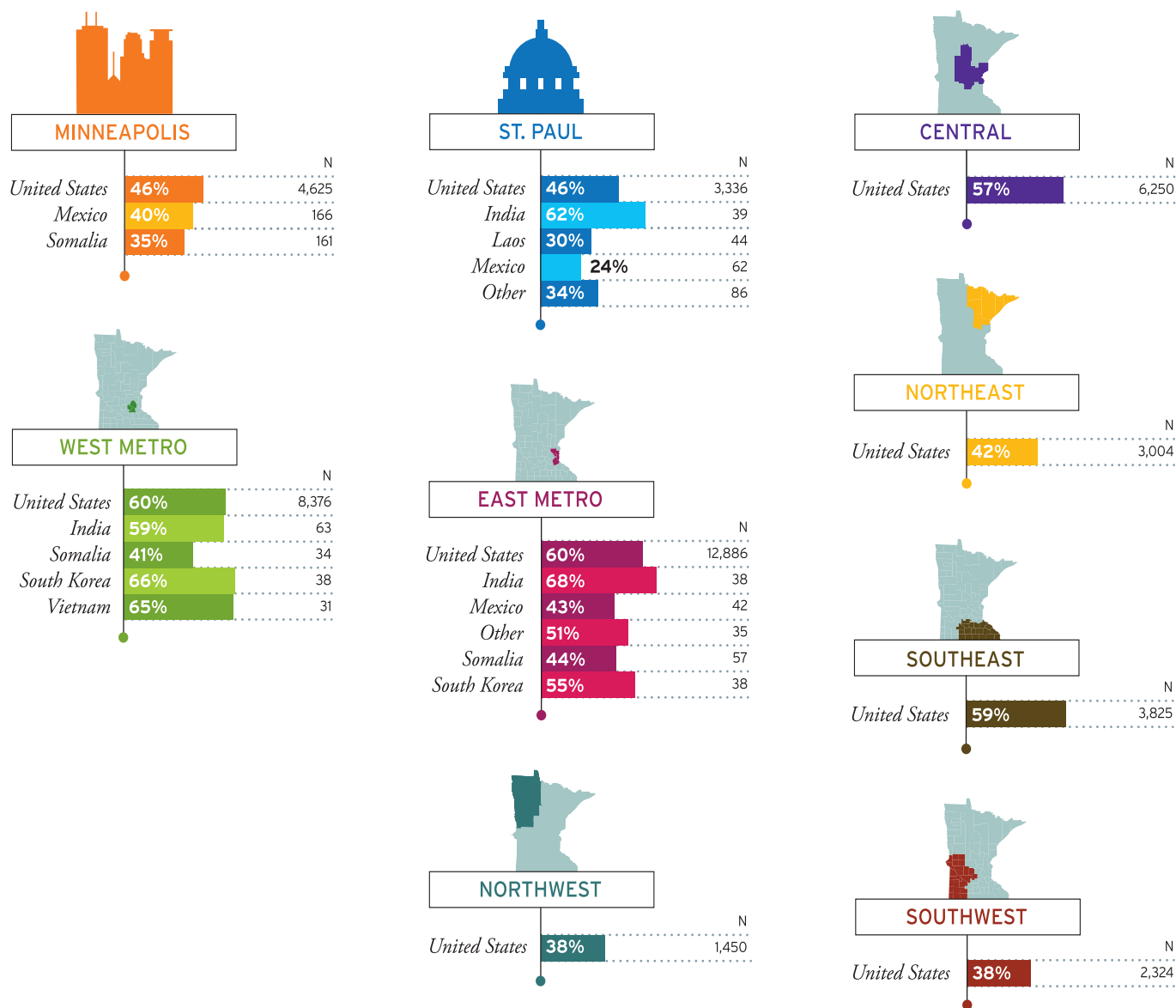
Statewide rates for each country of origin group were stratified by region for comparative analyses. The highest and lowest rates were held by the following country of origin groups for **each region**:

- **Minneapolis:** Patients born in the United States had the highest rate at 46%; patients born in Somalia had the lowest rate at 35%.
- **West Metro:** Patients born in South Korea had the highest rate at 66%; patients born in Somalia had the lowest rate at 41%.
- **St. Paul:** Patients born in India had the highest rate at 62%; patients born in Mexico had the lowest rate at 24%.
- **East Metro:** Patients born in India had the highest rate at 68%; patients born in Mexico had the lowest rate at 43%.
- **Northwest:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Central:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Northeast:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Southeast:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Southwest:** There was only one country of origin group that met the minimum reporting threshold for this region.

The **United States** country of origin group was the only reportable group in all nine regions. The group's highest rate was found in the East Metro and West Metro regions at 60% and their lowest rate was found in the Northwest and Southwest regions at 38%. This is a difference of 22 percentage points.

The following page displays graphics comparing Optimal Asthma Control - Adults regional rates by country of origin. Rates are not displayed for country of origin groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Asthma Control - Adult Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

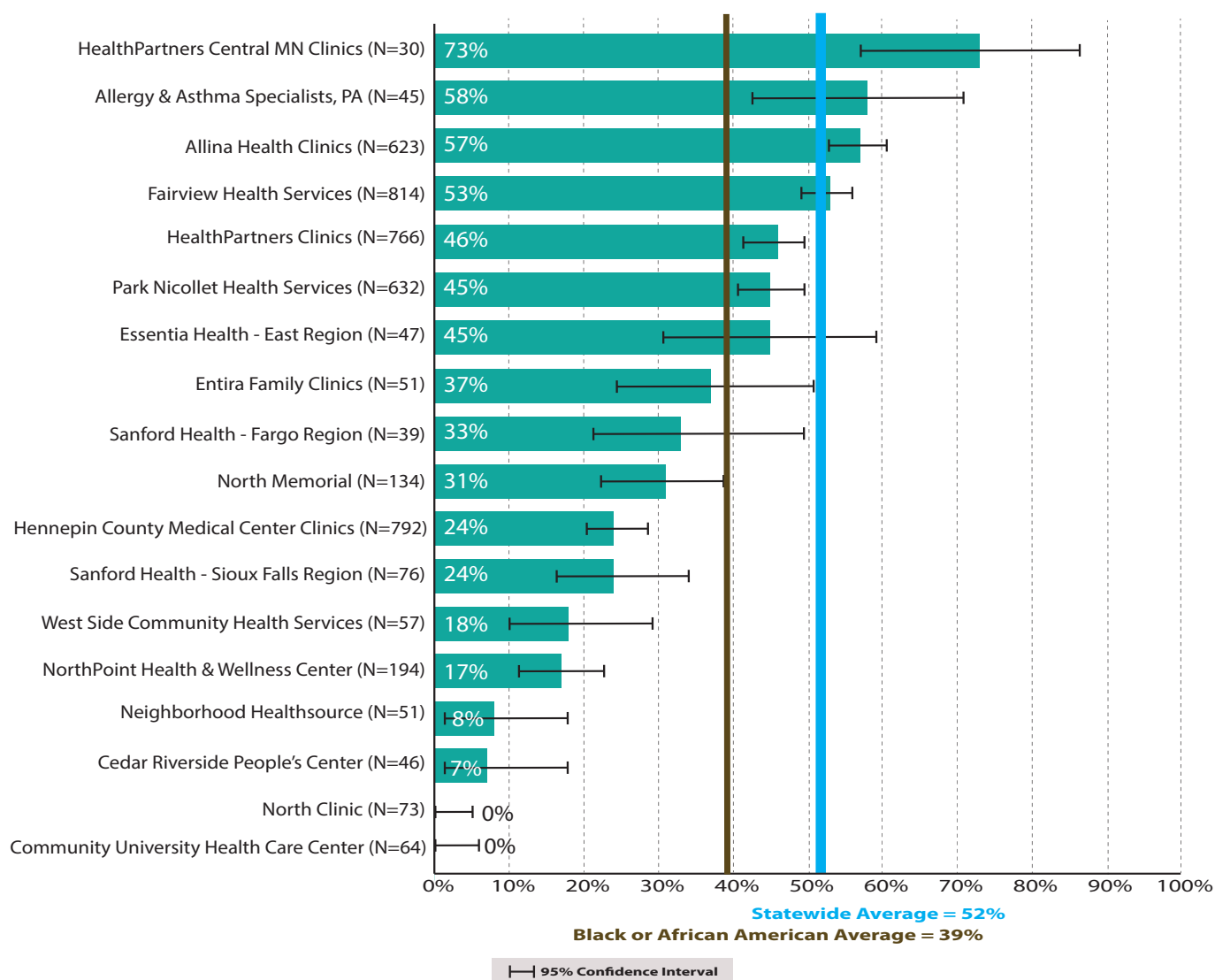
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MEDICAL GROUP RESULTS

Optimal Asthma Control - Adults by Race

Figure 33 shows medical group level results for Optimal Asthma Control – Adults for Black or African American patients. The Black or African American average is 39% compared to the overall statewide average of 52%. HealthPartners Central Minnesota Clinics had the highest rate at 73%. There were two medical groups (HealthPartners Central Minnesota Clinics and Allina Health Clinics) with rates significantly above the overall statewide average. There were six medical groups (HealthPartners Central Minnesota Clinics, Allergy & Asthma Specialists, PA, Allina Health Clinics, Fairview Health Services, HealthPartners Clinics and Park Nicollet Health Services) with an optimal control rate significantly above the Black or African American average. There were nine medical groups with a rate significantly below the Black or African American average.

FIGURE 33: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY MEDICAL GROUP FOR BLACK OR AFRICAN AMERICAN PATIENTS

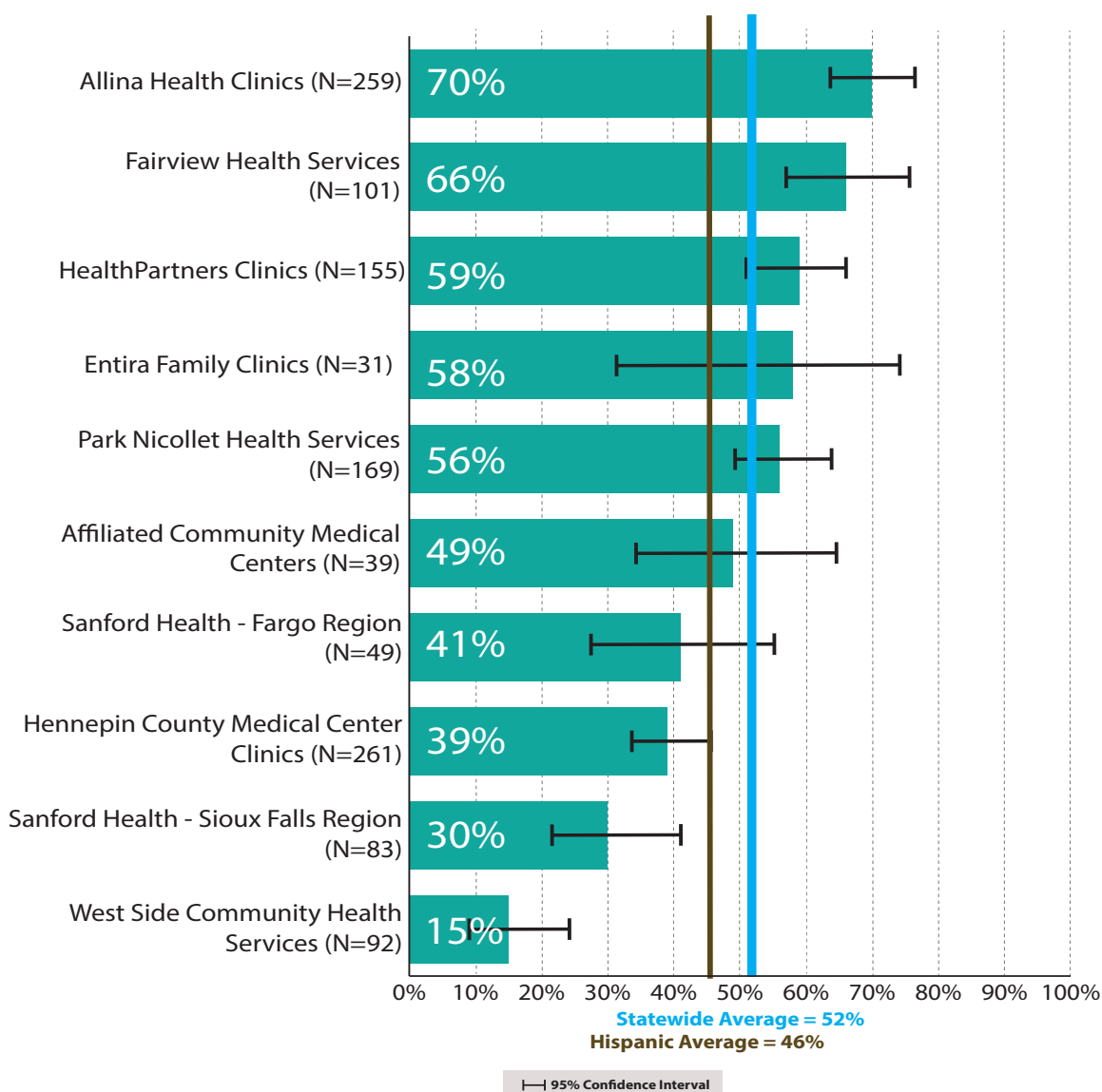


MEDICAL GROUP RESULTS

Optimal Asthma Control - Adults by Hispanic Ethnicity

Figure 34 shows medical group level results for Optimal Asthma Control – Adults for Hispanic patients. The Hispanic average is 46% compared to the overall statewide average of 52%. Allina Health Clinics had the highest rate at 70%. There were two medical groups (Allina Health Clinics and Fairview Health Services) with rates significantly above the overall statewide average. There were four medical groups (Allina Health Clinics, Fairview Health Services, HealthPartners Clinics and Park Nicollet Health Services) with rates significantly above the Hispanic average. There were two medical groups with optimal control rates significantly below the Hispanic average.

FIGURE 34: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY MEDICAL GROUP FOR HISPANIC ETHNICITY



MEDICAL GROUP RESULTS

Optimal Asthma Control - Adults by Hispanic Ethnicity

Figure 35 shows medical group level results for Optimal Asthma Control – Adults for Non-Hispanic patients. The Non-Hispanic average is 54% compared to the overall statewide average of 52%. St. Paul Allergy & Asthma Clinic, P.A. had the highest rate at 94%. There were 21 medical groups with an optimal control rate significantly above both the Non-Hispanic and overall statewide averages. There were 41 medical groups with optimal control rates significantly below the Non-Hispanic average.

FIGURE 35: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY

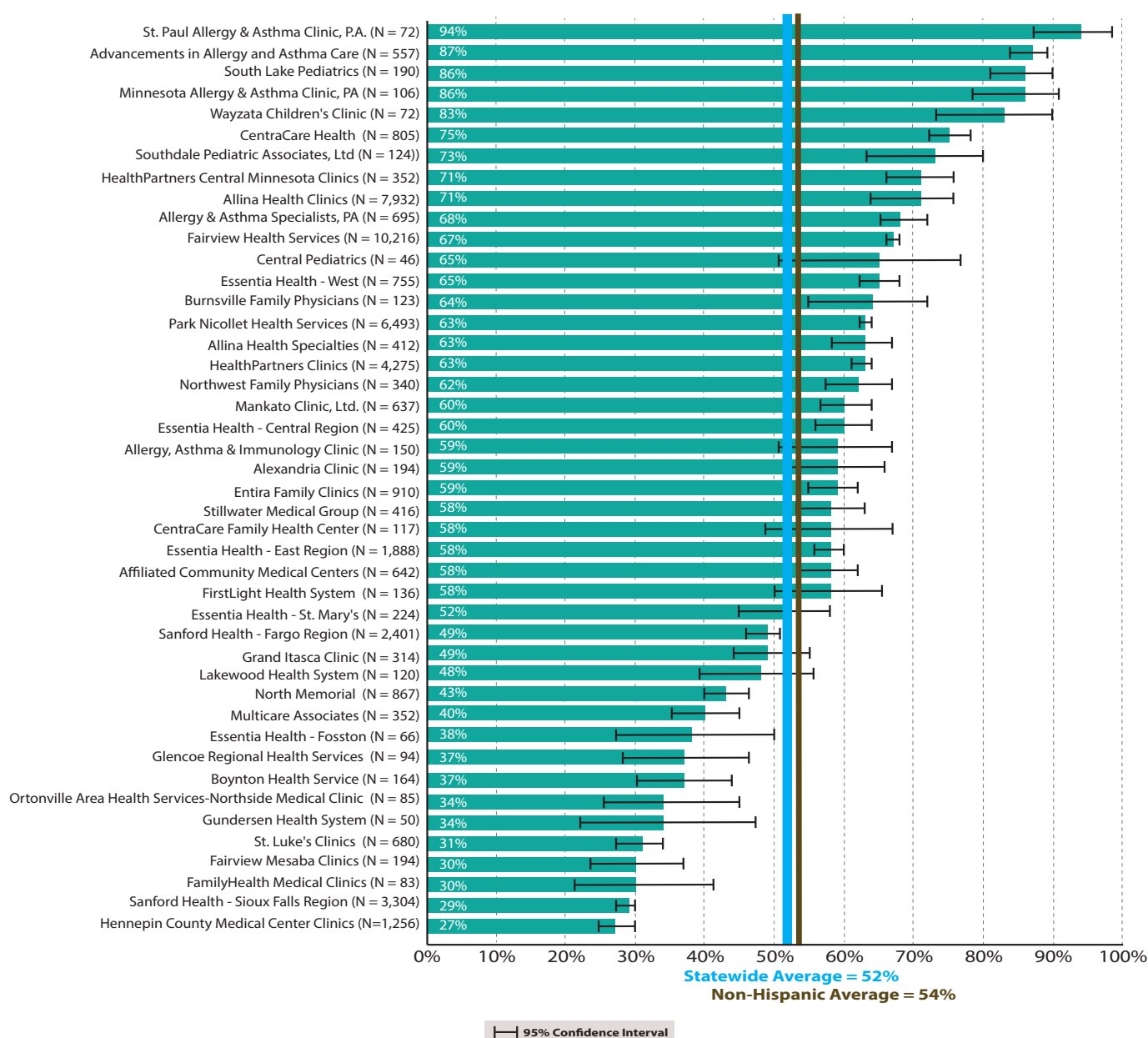
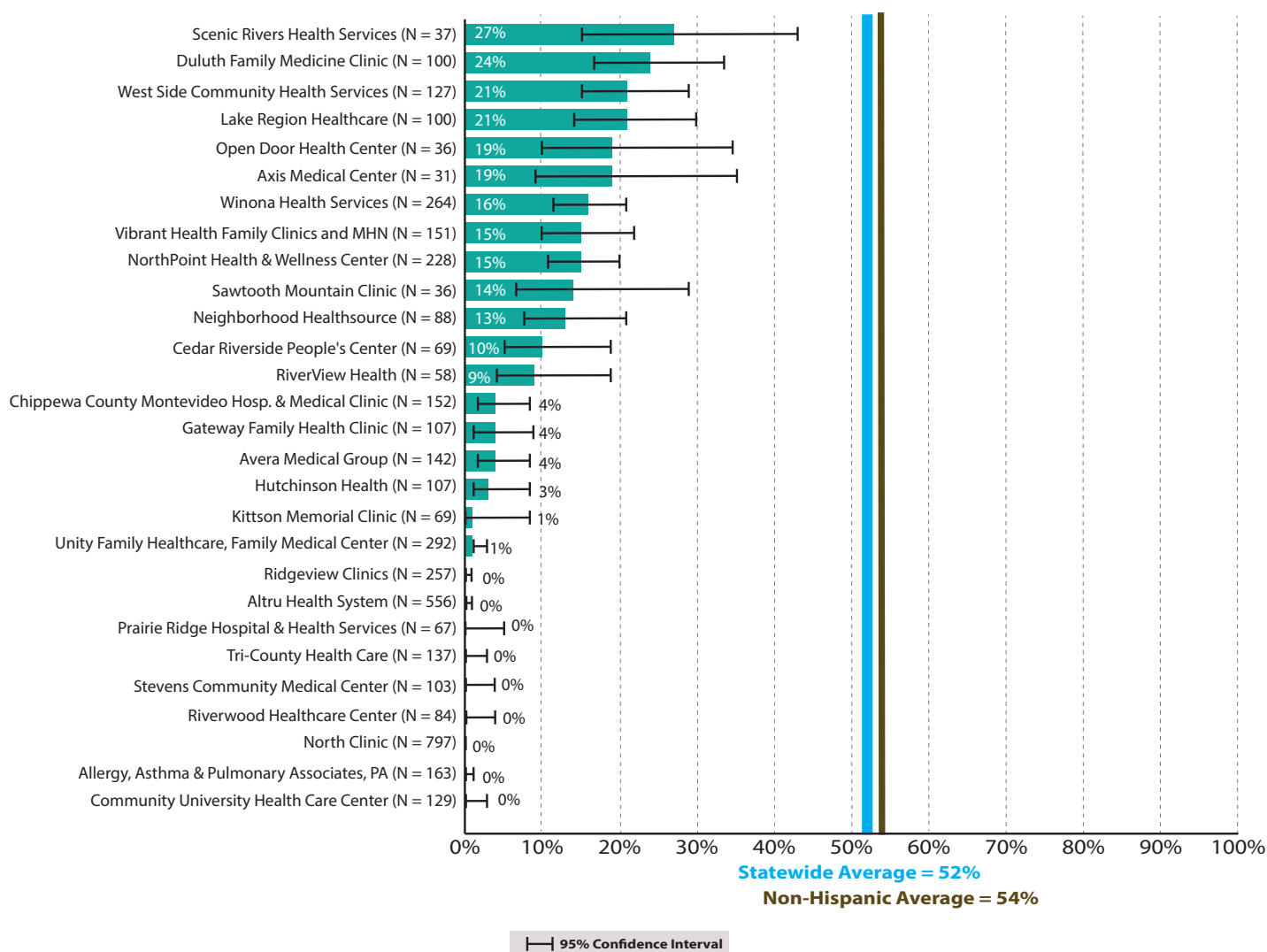


FIGURE 35: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - ADULTS BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY CONTINUED



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STATEWIDE RESULTS

Optimal Asthma Control - Children

PERSPECTIVES ON HEALTH EQUITY

JULIA JOSEPH-DI CAPRIO, MD

ASSISTANT CHIEF OF PROVIDER SERVICES AND SENIOR

MEDICAL DIRECTOR FOR PRIMARY CARE

HENNEPIN COUNTY MEDICAL CENTER

Hennepin County Medical Center (HCMC) has a unique role as Minnesota's largest safety net hospital, providing care for low-income, uninsured and vulnerable patients. That distinction increases the importance of understanding the context that their patients exist in, said Dr. Julia Joseph-Di Caprio.

By using data to identify and evaluate disparities in the care they provided, HCMC's leaders realized they were seeing inequities in health, not just health care, she explained.

HCMC has found that eliminating health care disparities is not just the right thing to do, but enhances their care across the board.

"Increasing health equity improves the value of the care we provide – quality goes up, experience goes up, cost goes down," Joseph-Di Caprio said.

Translation services is an area where HCMC stands out. About 10,000 patients utilize translators each month, which HCMC provides in 50 different languages. In addition to on-site translation staff in its hospitals and clinics, video interpreter services are available on demand for clinicians and patients.

"We know that if the care site has staff and providers of the same background and who speak the same language as patients, our care is improved," Joseph-Di Caprio explained.

One area where this has made a distinct impact is asthma care for children. Several years ago, HCMC focused on improving its asthma care, with particular emphasis on reducing disparities. They worked closely with community health workers representing a wide range of patient populations to identify the best ways to implement best practices in asthma care with patients of varied cultures and language groups. The result has been a dramatic improvement in asthma outcomes overall and a reduction in disparities between patient groups.

And after identifying disparities through MNM's Optimal Diabetes Care results stratified by REL, HCMC plans to put a similar focus on reducing disparities in diabetes care outcomes, along with understanding and addressing disparities in its 'no show' rates for appointments, in 2016.

HCMC also has programs that target particular patient groups, such as *Aqui Para Ti* – which promotes healthy behaviors and preventive care among Latino youth – and *Taking Steps Together* – which offers nutrition and healthy lifestyle education in Spanish. They are also actively working to diversify their Board of Directors and medical group leadership. To this end, HCMC created a fellowship for University of Minnesota Masters of Health Care Administration students from backgrounds traditionally underrepresented in health care leadership.

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

- Evidence of well-controlled asthma determined through the use of an asthma control tool (e.g. Asthma Control Test (ACT); Childhood Asthma Control Test (C-ACT); Asthma Control Questionnaire (ACQ); or Asthma Therapy Assessment Questionnaire (ATAQ))
- Not at risk for elevated exacerbation as evidenced by patient-reported emergency department visits and hospitalizations

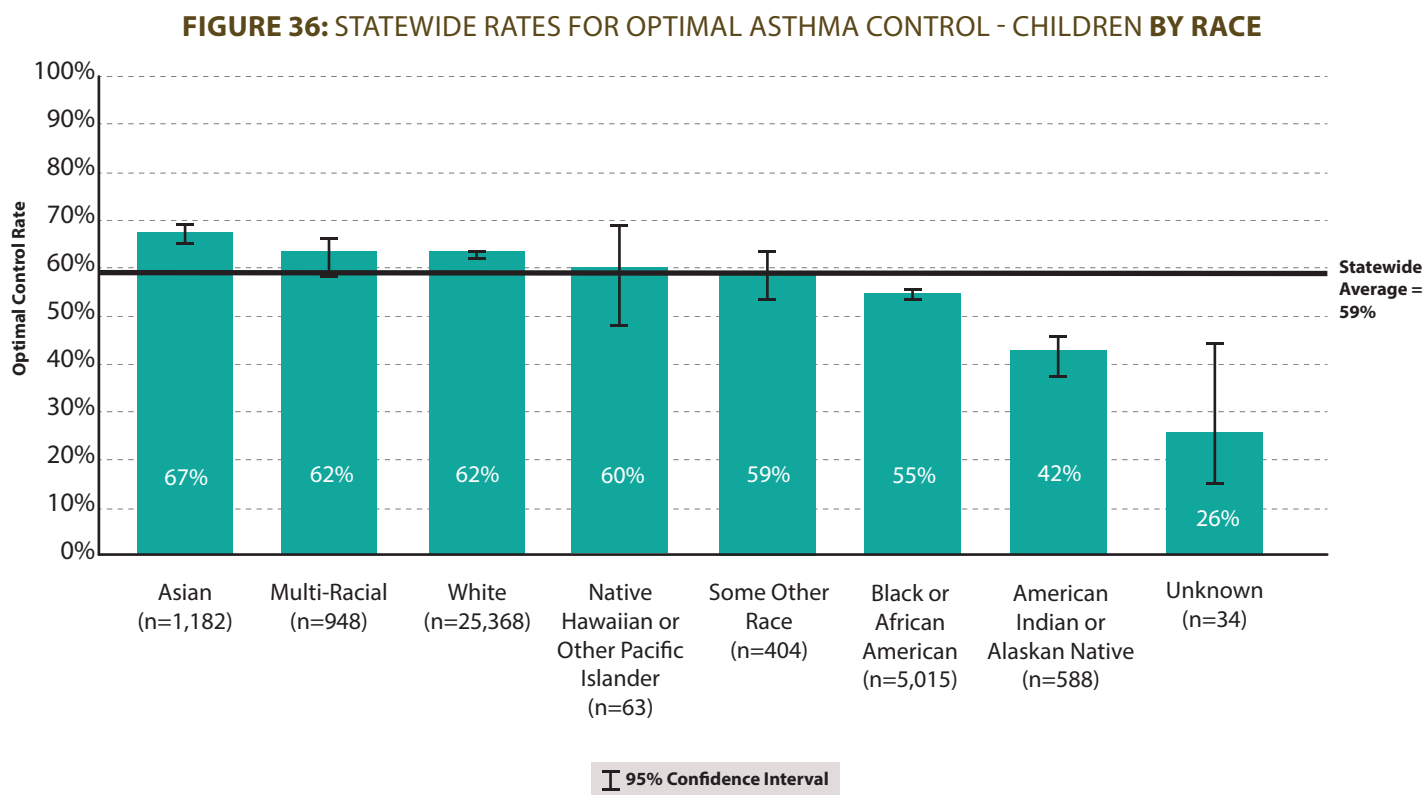
The statewide rate for Optimal Asthma Control - Children is 59%.

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

STATEWIDE RESULTS BY RACE

Optimal Asthma Control - Children

Figure 36 shows Optimal Asthma Control – Children rates by race. The Asian racial group had the highest rate of optimal control at 67%, which was significantly above the statewide average (59%). The White racial group was the only other racial group with a rate significantly above the statewide average at 62%. The Unknown racial group had the lowest rate of optimal control at 26% and this was significantly below the statewide average. Additionally, the Black or African American and American Indian or Alaskan Native racial groups had rates significantly below the statewide average. Notably, the Unknown, American Indian or Alaskan Native and Black or African American racial groups had optimal control rates significantly below the Asian and White racial groups.

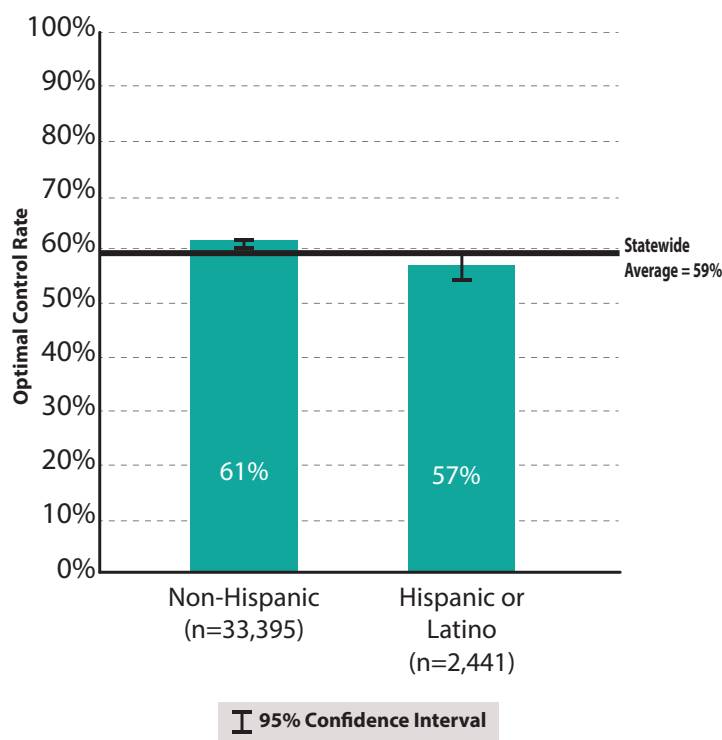


STATEWIDE RESULTS BY HISPANIC ETHNICITY

Optimal Asthma Control - Children

Figure 37 shows Optimal Asthma Control – Children rates by Hispanic ethnicity. Non-Hispanics had a significantly higher rate of optimal control (61%) than Hispanics (57%). This rate was also significantly higher than the statewide average (59%). Hispanics had a rate of optimal control that was significantly below the statewide average.

FIGURE 37: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY HISPANIC ETHNICITY

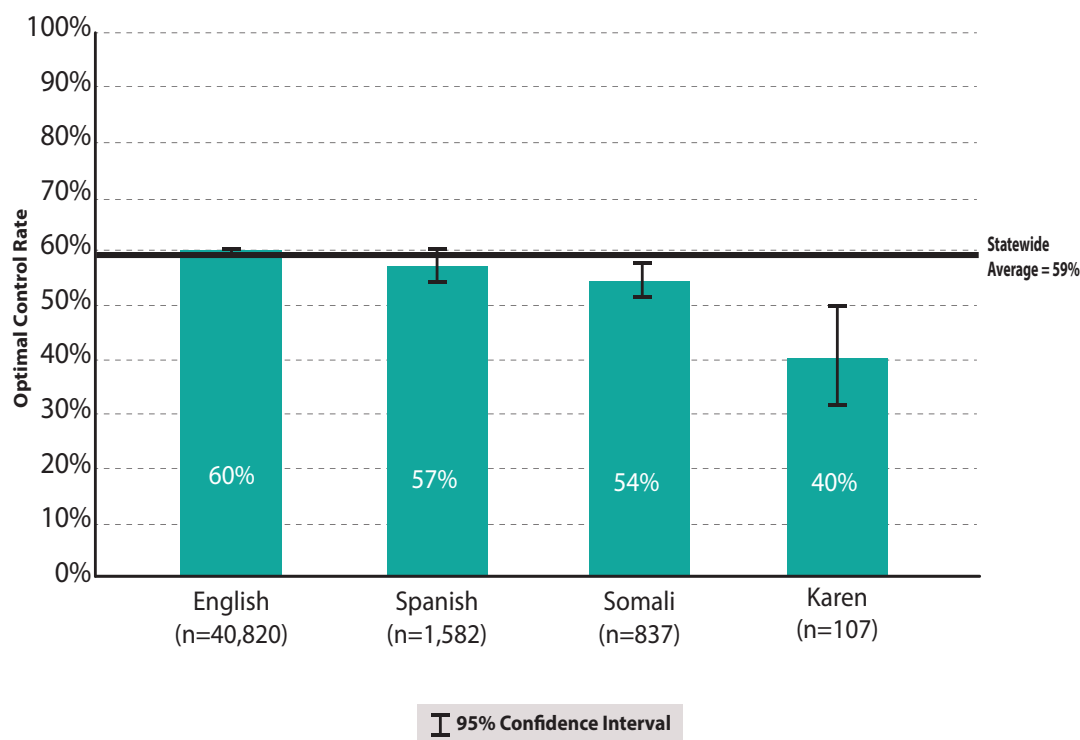


STATEWIDE RESULTS BY PREFERRED LANGUAGE

Optimal Asthma Control - Children

Figure 38 shows Optimal Asthma Control – Children rates by preferred language. Patients who indicated English as their preferred language had the highest rate of optimal control (60%); however, this was not significantly above the statewide average (59%). There were no preferred languages with an optimal control rate significantly above the statewide average. Patients who indicated Karen as their preferred language had the lowest optimal control rate at 40% and this rate was significantly lower than the statewide average. Patients who indicated Somali as their preferred language also had an optimal rate lower than the statewide average. Notably, the English preferred language optimal rate was significantly higher than the Karen and Somali preferred language rates.

FIGURE 38: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY PREFERRED LANGUAGE

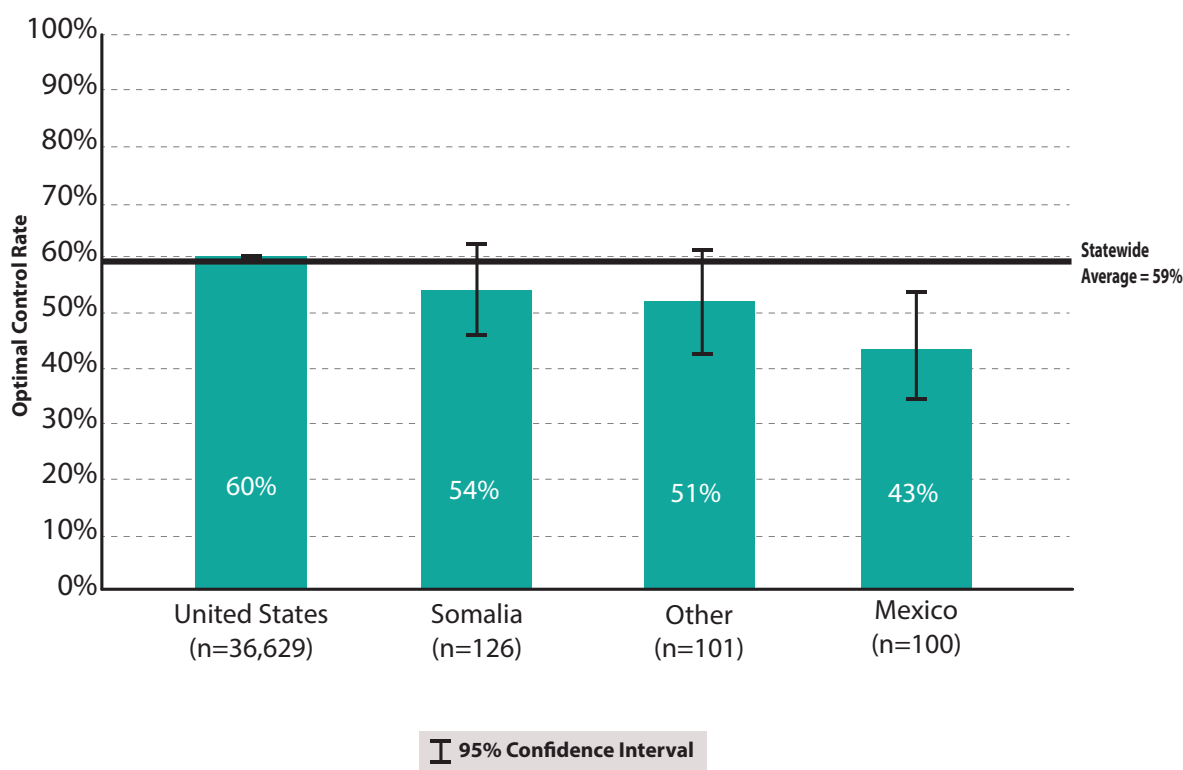


STATEWIDE RESULTS BY COUNTRY OF ORIGIN

Optimal Asthma Control - Children

Figure 39 shows Optimal Asthma Control – Children rates by country of origin. Patients born in the United States had the highest rate of optimal control at 60% and this rate was significantly above the statewide average (59%). Patients born in Mexico had the lowest optimal rate at 43%, which was significantly lower than the statewide average as well as the optimal rate for patients born in the United States.

FIGURE 39: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY COUNTRY OF ORIGIN



Please see next page.

REGIONAL RESULTS

Optimal Asthma Control - Children

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race

Statewide rates for each racial group were stratified by region for comparative analyses. For Optimal Asthma Control – Children, the highest and lowest rates for **each racial group** were found in the following regions:

- **American Indian or Alaskan Native:** The highest rate for this racial group was found in the West Metro region at 65%; the lowest rate was found in the Northeast region at 30%.
- **Asian:** The highest rate for this racial group was found in the East Metro region at 74%; the lowest rate was found in the Southwest region at 38%.
- **Black or African American:** The highest rate for this racial group was found in the East Metro and Southeast regions at 61%; the lowest rate was found in the Northwest region at 40%.
- **Multi-Racial:** The highest rate for this racial group was found in the Southeast region at 74%; the lowest rate was found in the St. Paul region at 50%.
- **Native Hawaiian or Other Pacific Islander:** This racial group did not meet the minimum reporting threshold for any of the nine regions.
- **Some Other Race:** The highest rate for this racial group was found in the East Metro region at 67%; the lowest rate was found in the West Metro region at 52%.
- **White:** The highest rate for this racial group was found in the West Metro region at 73%; the lowest rate was found in the Northwest region at 36%.

The White racial group had the highest rate in four of the nine regions. The Black or African American racial group had the lowest rate in four of the nine regions.

The highest and lowest rates were held by the following racial groups for **each region**:

- **Minneapolis:** White patients had the highest rate at 64%; American Indian or Alaskan Native patients had the lowest rate at 40%.

REGIONAL RESULTS

Optimal Asthma Control - Children

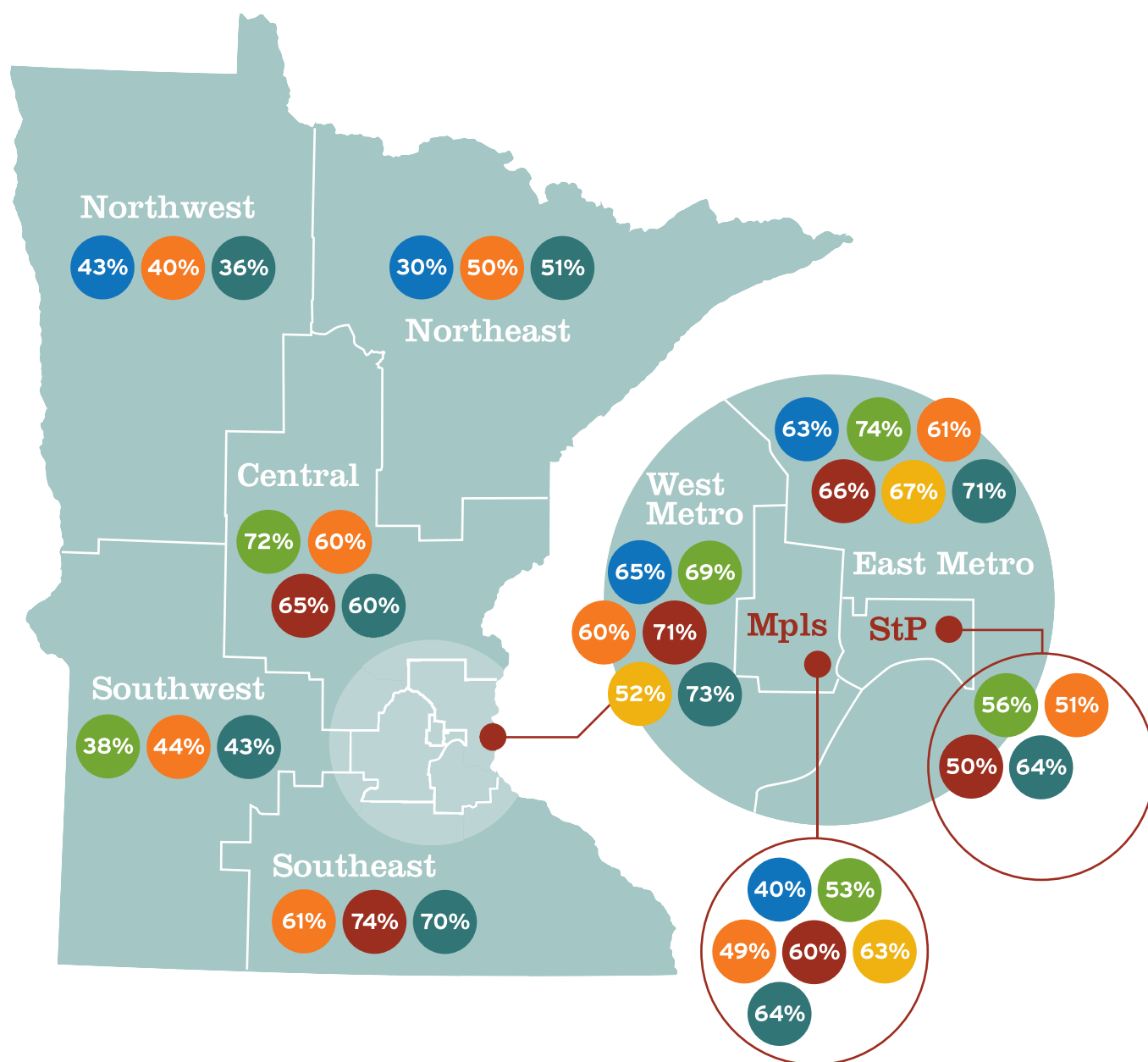
- **West Metro:** White patients had the highest rate at 73%; patients with Some Other Race had the lowest rate at 52%.
- **St. Paul:** White patients had the highest rate at 64%; Multi-Racial patients had the lowest rate at 50%.
- **East Metro:** Asian patients had the highest rate at 74%; Black or African American patients had the lowest rate at 61%.
- **Northwest:** American Indian or Alaskan Native patients had the highest rate at 43%; White patients had the lowest rate at 36%.
- **Central:** Asian patients had the highest rate at 72%; Black or African American patients and White patients had the lowest rate at 60%.
- **Northeast:** White patients had the highest rate at 51%; American Indian or Alaskan Native patients had the lowest rate at 30%.
- **Southeast:** Multi-Racial patients had the highest rate at 74%; Black or African American patients had the lowest rate at 61%.
- **Southwest:** Black or African American patients had the highest rate at 44%; Asian patients had the lowest rate at 38%.

The following page displays graphics comparing Optimal Asthma Control - Children regional rates by race. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

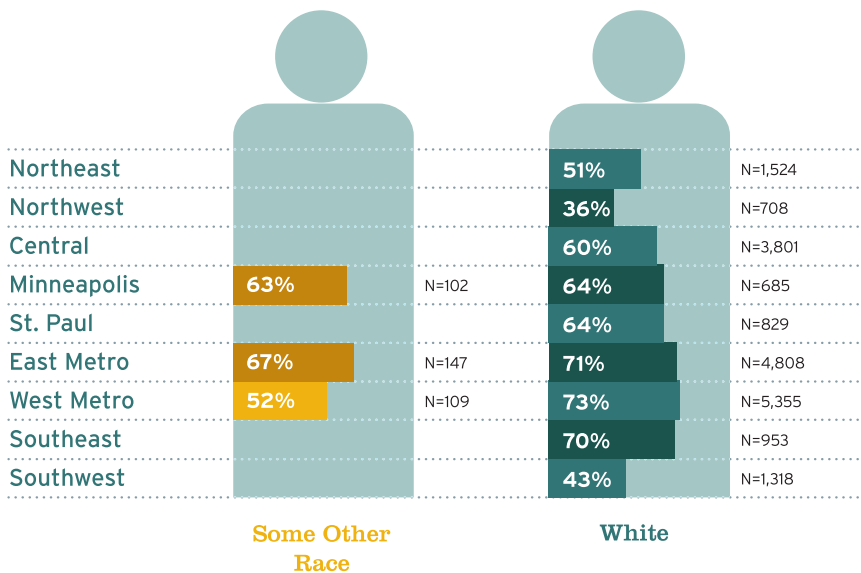
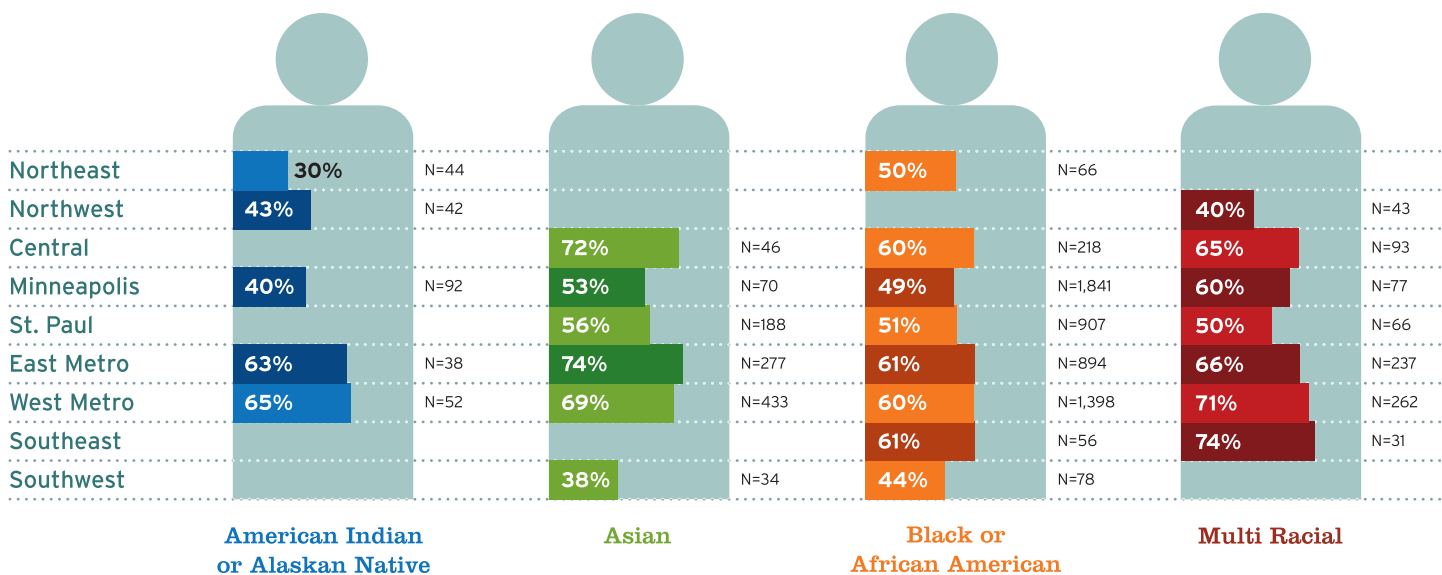
Optimal Asthma Control - Children Rates by Race

- American Indian or Alaskan Native
- Asian
- Black or African American
- Multi Racial

- Native Hawaiian or Other Pacific Islander
- Some Other Race
- White



Optimal Asthma Control - Children Rates by Race



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Children

Regional Results by Hispanic Ethnicity

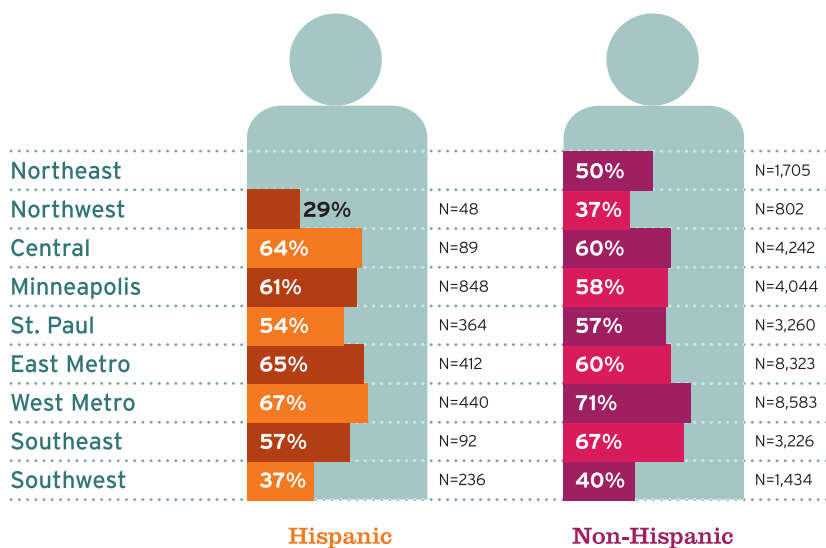
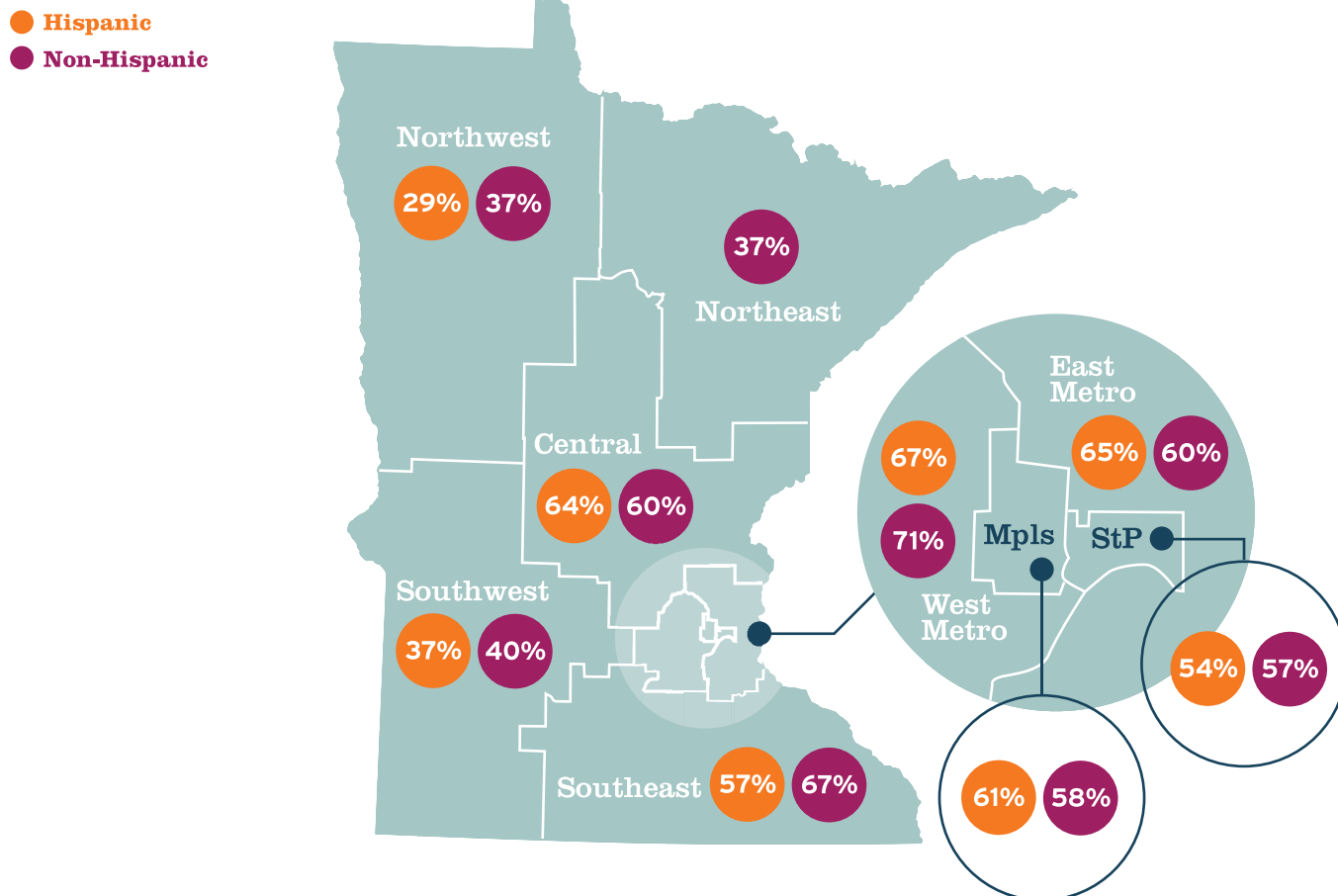
Statewide rates for each ethnic group were stratified by region for comparative analyses. Non-Hispanics had a higher rate compared to Hispanics in five of the eight regions in which both ethnic groups met the minimum reporting threshold. Hispanics had a higher rate compared to Non-Hispanics in the Minneapolis, East Metro and Central regions. The largest difference in rates between the two ethnic groups was found in the Southeast region where Non-Hispanics had a rate that was 10 percentage points higher than Hispanics.

Hispanics had the highest rate in the West Metro region at 67%, and the lowest rate in the Northwest region at 29%.

Non-Hispanics had the highest rate in the West Metro region at 71%. The lowest rate for Non-Hispanics was found in the Northwest and Northeast regions at 37%.

The following page displays graphics comparing Optimal Asthma Control - Children regional rates by Hispanic ethnicity. Rates are not displayed for ethnic groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Asthma Control- Children Rates by Hispanic Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Children

Regional Results by Preferred Language

Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest rates were held by the following preferred language groups for **each region**:

- **Minneapolis:** Patients who preferred speaking Spanish had the highest rate at 62%; patients who preferred speaking Somali had the lowest rate at 51%.
- **West Metro:** Patients who preferred speaking English and Vietnamese had the highest rate at 71%; patients who preferred speaking Spanish had the lowest rate at 62%.
- **St. Paul:** Patients who preferred speaking English had the highest rate at 59%; patients who preferred speaking Hmong had the lowest rate at 27%.
- **East Metro:** Patients who preferred speaking Spanish had the highest rate at 64%; patients who preferred speaking Somali had the lowest rate at 52%.
- **Northwest:** There was only one preferred language group that met the minimum reporting threshold for this region.
- **Central:** Patients who preferred speaking English had the highest rate at 60%; patients who preferred speaking Somali had the lowest rate at 56%.
- **Northeast:** There was only one preferred language group that met the minimum reporting threshold for this region.
- **Southeast:** Patients who preferred speaking Somali had the highest rate at 72%; patients who preferred speaking English had the lowest rate at 40%.
- **Southwest:** Patients who preferred speaking English had the highest rate at 67%; patients who preferred speaking Spanish had the lowest rate at 34%.

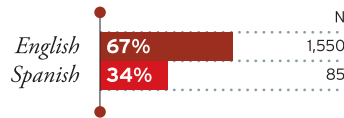
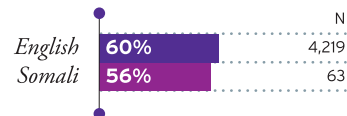
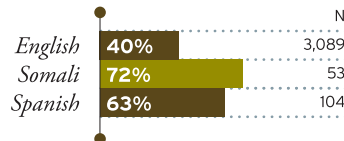
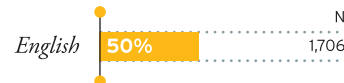
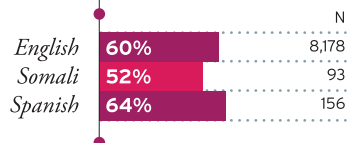
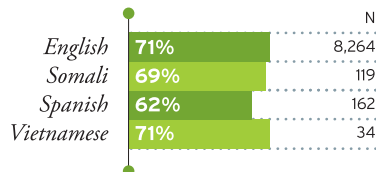
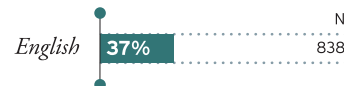
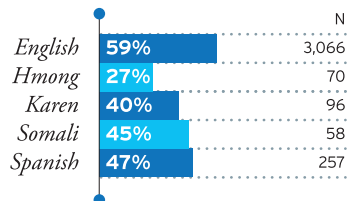
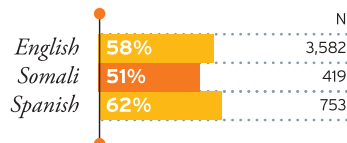
Patients who preferred speaking **English** had the highest rate in six of the nine regions. The English preferred language group was the only reportable group for two of the regions. The group's highest rate was found in the West Metro region at 71% and their lowest rate was found in the Northwest region at 37%. This is a difference of 34 percentage points.

The **Spanish** preferred language group was reportable for six of the nine regions. The highest rate for patients who preferred speaking Spanish was found in the East Metro region at 64% and the lowest rate was found in the Southwest region at 34%. This is a difference of 30 percentage points.

Patients who preferred speaking **Somali** had the lowest rate in three of the nine regions. The highest rate for patients who preferred speaking Somali was found in the Southeast region at 72% and the lowest rate was found in the St. Paul region at 45%. This is a difference of 27 percentage points.

The following page displays graphics comparing Optimal Asthma Control - Children regional rates by preferred language. Rates are not displayed for language groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Asthma Control - Children Rates by Preferred Language



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.

REGIONAL RESULTS

Optimal Asthma Control - Children

Regional Results by Country of Origin

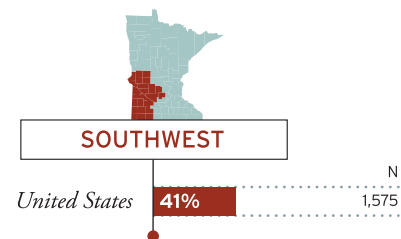
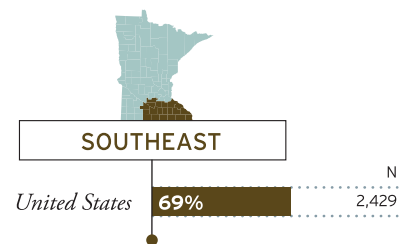
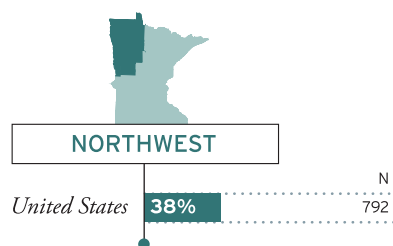
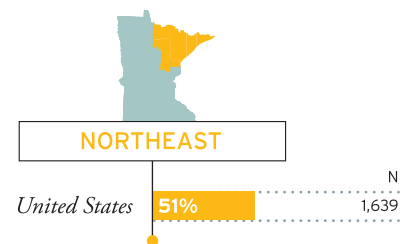
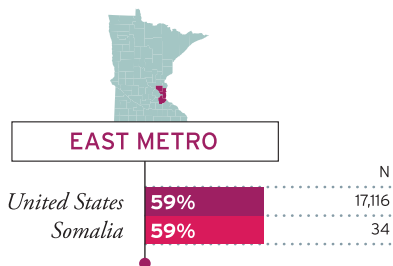
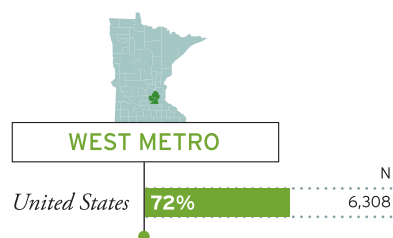
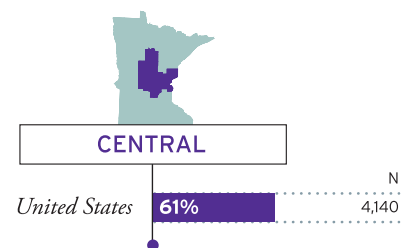
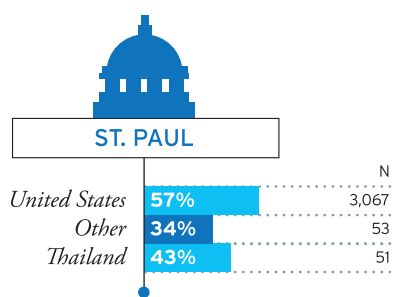
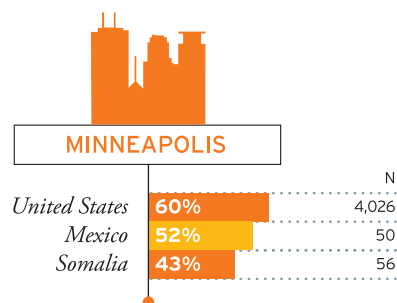
Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest rates were held by the following country of origin groups for **each region**:

- **Minneapolis:** Patients born in the United States had the highest rate at 60%; patients born in Somalia had the lowest rate at 43%.
- **West Metro:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **St. Paul:** Patients born in the United States had the highest rate at 57%; patients born in an Other country had the lowest rate at 34%.
- **East Metro:** There were only two reportable country of origin groups for this region. Patients born in the United States and Somalia both had a rate of 59%.
- **Northwest:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Central:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Northeast:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Southeast:** There was only one country of origin group that met the minimum reporting threshold for this region.
- **Southwest:** There was only one country of origin group that met the minimum reporting threshold for this region.

The **United States** country of origin group was the only reportable group in all nine regions. The group's highest rate was found in the West Metro region at 72% and their lowest rate was found in the Northwest region at 38%. This is a difference of 34 percentage points.

The following page displays graphics comparing Optimal Asthma Control - Children regional rates by country of origin. Rates are not displayed for country of origin groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Optimal Childhood Asthma Control Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage received optimal care.



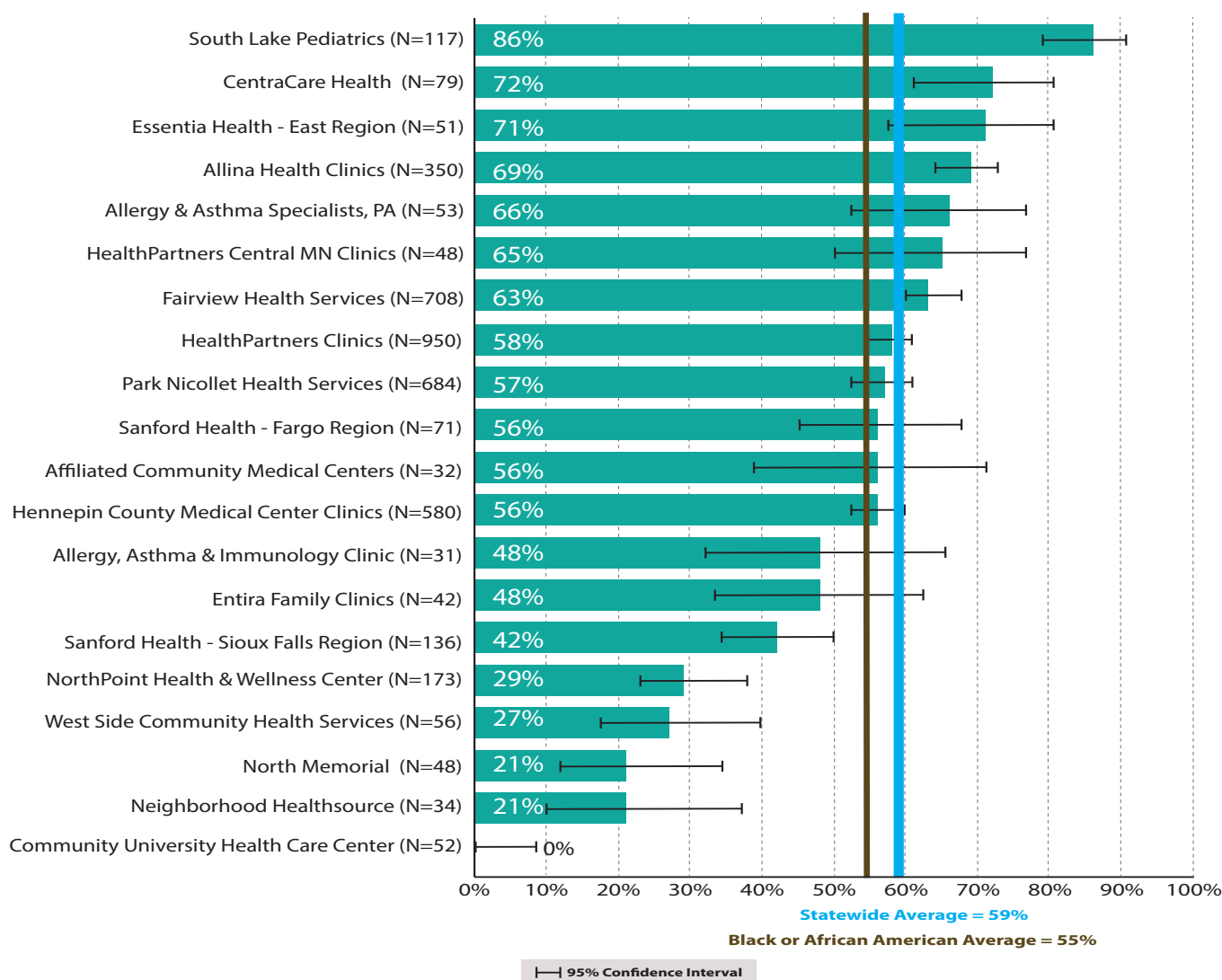
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MEDICAL GROUP RESULTS

Optimal Asthma Control - Children by Race

Figure 40 shows medical group level results for Optimal Asthma Control – Children for Black or African American patients. The Black or African American average is 55% compared to the overall statewide average at 59%. South Lake Pediatrics had the highest rate at 86%. There were four medical groups (South Lake Pediatrics, CentraCare Health, Allina Health Clinics and Fairview Health Services) with an optimal control rate significantly above the overall statewide average. There were five medical groups (South Lake Pediatrics, CentraCare Health, Essentia Health - East Region, Allina Health Clinics and Fairview Health Services) with a rate significantly above the Black or African American average. There were six medical groups with a rate significantly below the Black or African American average.

FIGURE 40: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY MEDICAL GROUP FOR BLACK OR AFRICAN AMERICAN PATIENTS

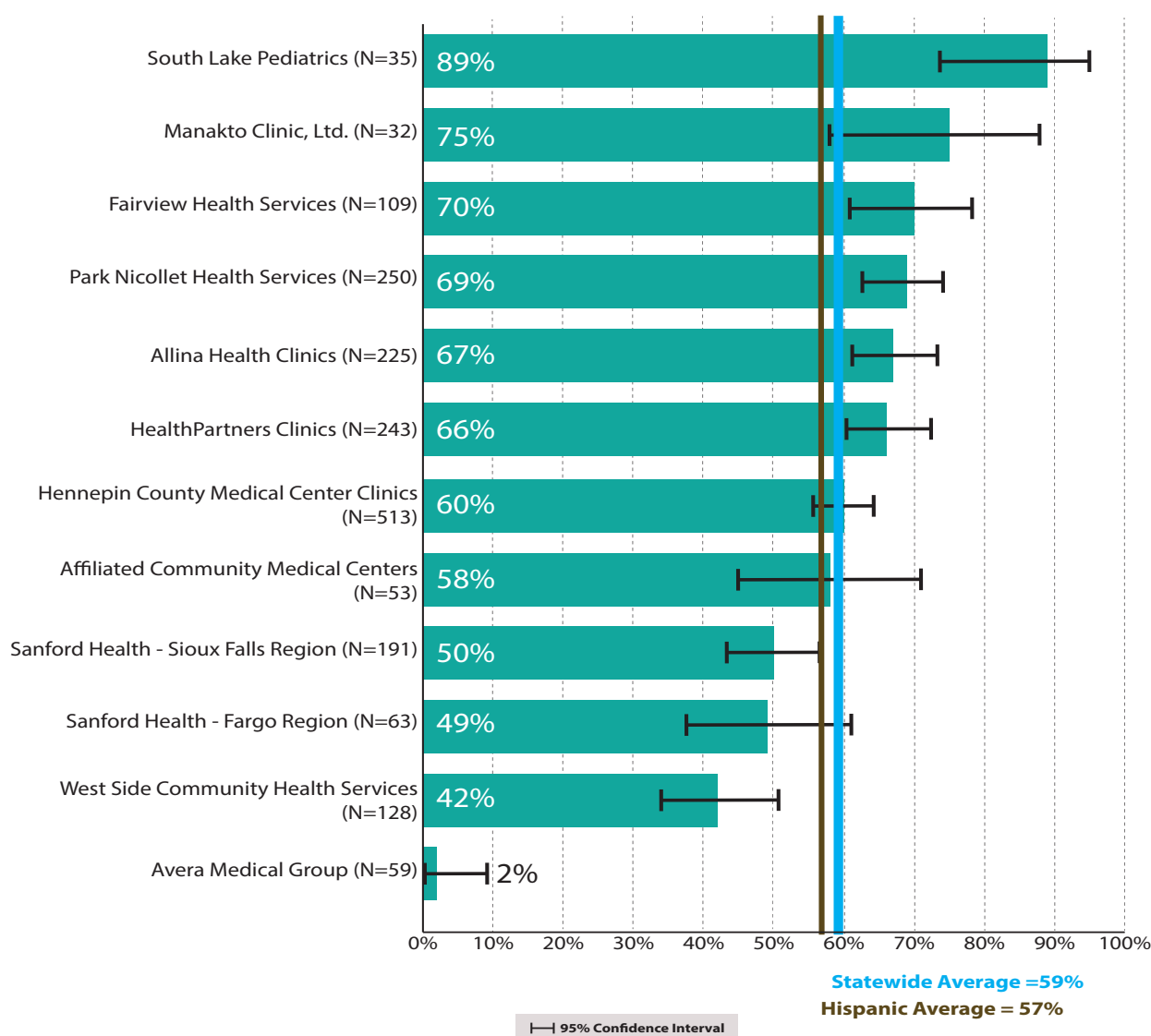


MEDICAL GROUP RESULTS

Optimal Asthma Control - Children by Hispanic Ethnicity

Figure 41 shows medical group level results for Optimal Asthma Control – Children for Hispanic patients. The Hispanic average is 57% compared to the overall statewide average at 59%. South Lake Pediatrics had the highest rate at 89%. There were five medical groups (South Lake Pediatrics, Fairview Health Services, Park Nicollet Health Services, Allina Health Clinics and HealthPartners Clinics) with optimal control rates significantly above the overall statewide average. There were six medical groups (South Lake Pediatrics, Mankato Clinic, Ltd., Fairview Health Services, Park Nicollet Health Services, Allina Health Clinics and HealthPartners Clinics) with rates significantly above the Hispanic average. There were two medical groups with rates significantly below the Hispanic average.

FIGURE 41: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY MEDICAL GROUP FOR HISPANIC ETHNICITY



MEDICAL GROUP RESULTS

Optimal Asthma Control - Children by Hispanic Ethnicity

Figure 42 shows medical group level results for Optimal Asthma Control – Children for Non-Hispanic patients. The Non-Hispanic average is 61% compared to the overall statewide average at 59%. Advancements in Allergy and Asthma Care had the highest rate at 92%. There were 18 medical groups with an optimal control rate significantly above the overall statewide average. There were 17 medical groups with an optimal control rate significantly above the Non-Hispanic average. There were 32 medical groups with a rate significantly below the Non-Hispanic average.

FIGURE 42: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY

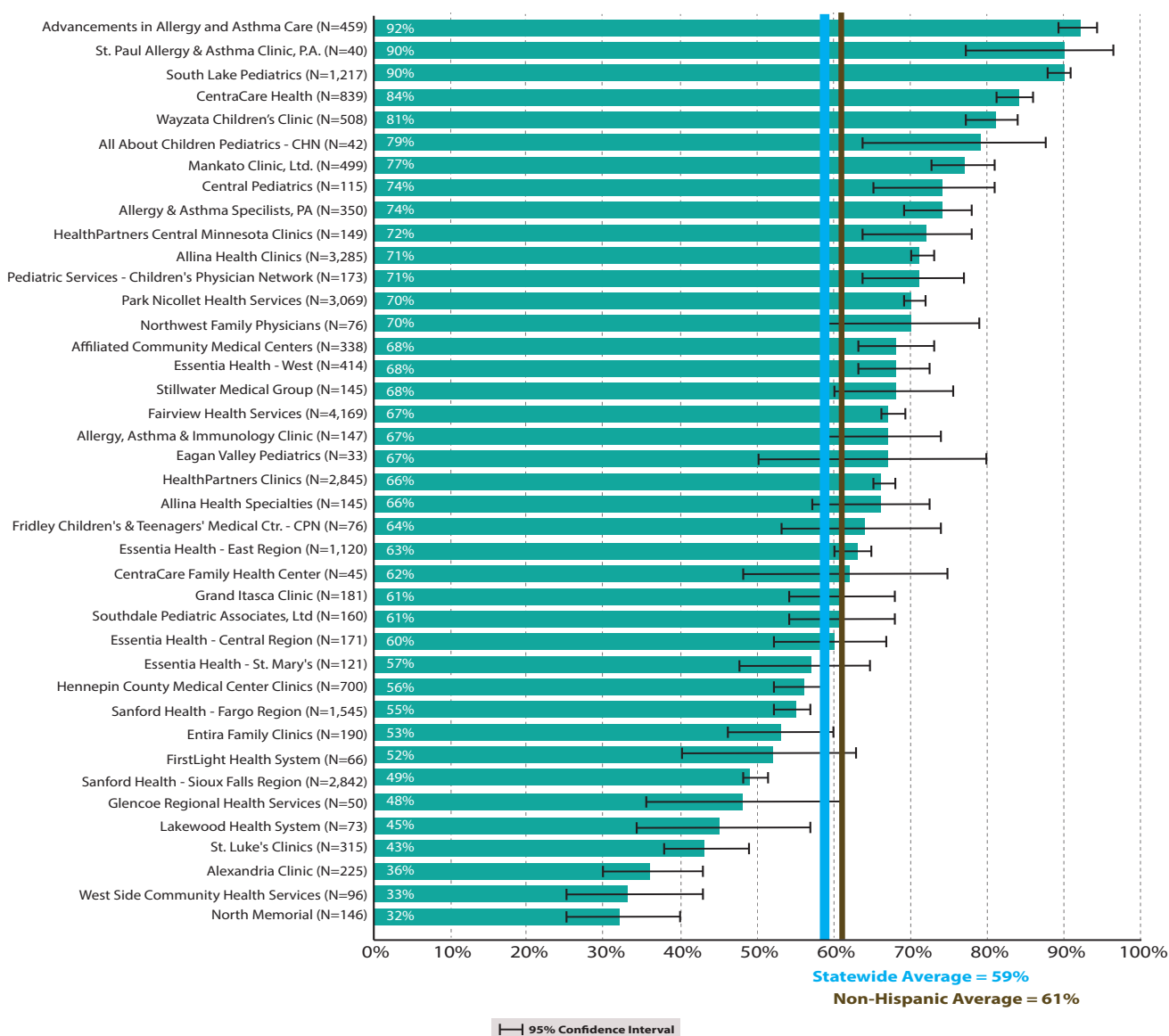
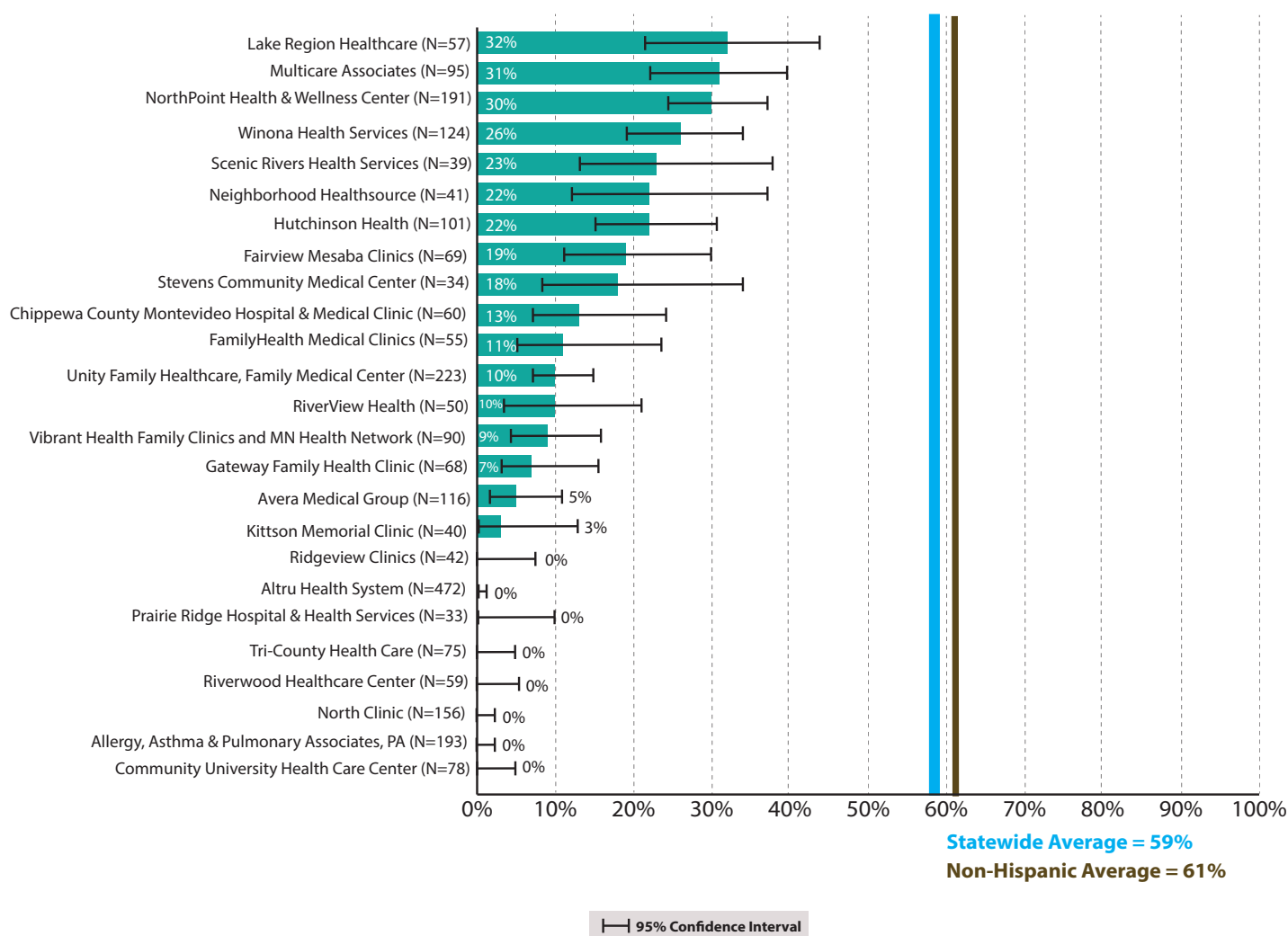


FIGURE 42: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY CONTINUED

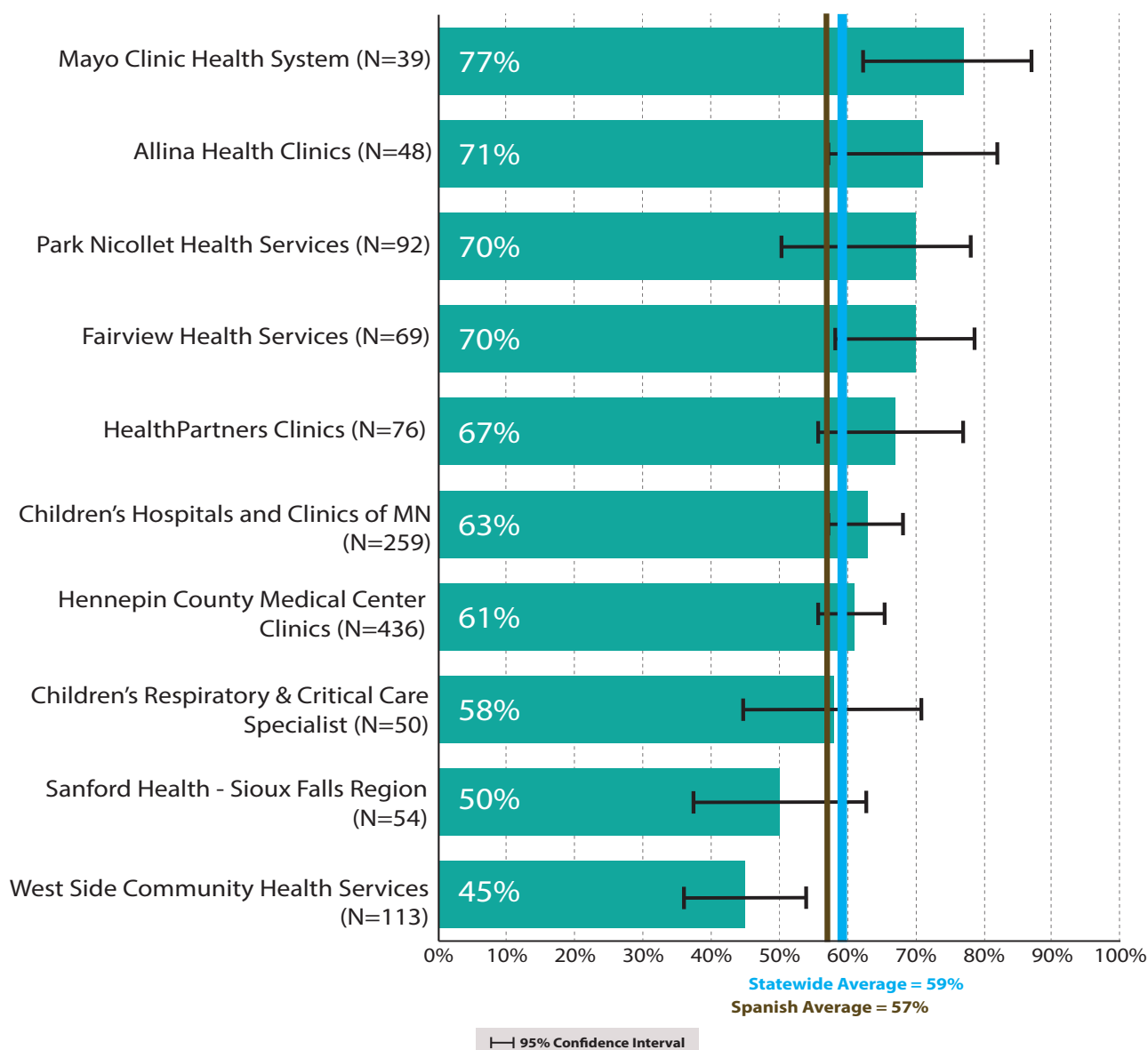


MEDICAL GROUP RESULTS

Optimal Asthma Control - Children by Preferred Language

Figure 43 shows medical group level results for Optimal Asthma Control – Children for the Spanish preferred language group. The Spanish average is 57% compared to the overall statewide average at 59%. Mayo Clinic Health System had the highest rate at 77% and is the only medical group to have a rate significantly above the overall statewide average. There were two medical groups (Mayo Clinic Health System and Fairview Health Services) with an optimal control rate significantly above the Spanish average. There was one medical group with a rate significantly below the Spanish average.

FIGURE 43: STATEWIDE RATES FOR OPTIMAL ASTHMA CONTROL - CHILDREN BY MEDICAL GROUP FOR SPANISH





Please see next page.

STATEWIDE RESULTS

Colorectal Cancer Screening

PERSPECTIVES ON HEALTH EQUITY

LISA BELAK

MARKETING AND COMMUNICATIONS MANAGER

MINNESOTA GASTROENTEROLOGY

Many of the barriers to colon cancer screening among various patient populations have been identified; however, less has been uncovered about what information and messages can get people to move beyond those barriers and get screened. That is what Minnesota Gastroenterology wanted to understand when it set out on a grant project in 2015 funded by Fairview Physician Associates.

"We know that we don't touch every person because [Minnesota Gastroenterology] do colonoscopies; there are other tests and screening options. We wanted to find out what was keeping people from getting any test at all," explained Lisa Belak, Marketing and Communications Manager for Minnesota Gastroenterology.

They identified the University Avenue area of St. Paul as their target area – "it's near where we live, work and play," Belak explained. They then identified key partners at Open Cities Community Health Clinic (a University Avenue area clinic), the Minnesota Department of Health and the American Cancer Society. From there, the partners evaluated demographics and known disparities in colorectal cancer screening to hone in on African American patients in that geographic area.

The project's goals included identifying gaps in information and understanding intent for colorectal cancer screening among African Americans, as well as assessing existing educational information and identifying messages that resonated better. They sought to "create an atmosphere where colorectal cancer is discussed with family members and people are encouraged to take responsibility for getting screened and reducing preventable deaths from the disease." And, finally, they wanted the project to be replicable in other communities and/or geographic areas.

Four focus groups were conducted at two area churches, a coffee shop and a clinic in October and November 2015. Participants were 40 to 65 year old African American men and women who live, work or worship in the University Avenue area. Participants were asked to complete a lengthy questionnaire to provide background on where they get health information and who they listen to; participate in small group discussions; and review and give feedback on existing educational and marketing materials about colorectal cancer screening.

Finally, participants were given an educational tool they could use to talk with others in their community about colorectal cancer screening. It includes a section to be returned to project organizers after the conversation, and Belak said these have continued to come in since the focus groups.

"We know people who attended are having conversations with their friends, family and neighbors, and helping to spread the word," she said.

The project's final results will be announced in February 2016. Find more information at coloncancerinourcommunity.com.

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

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

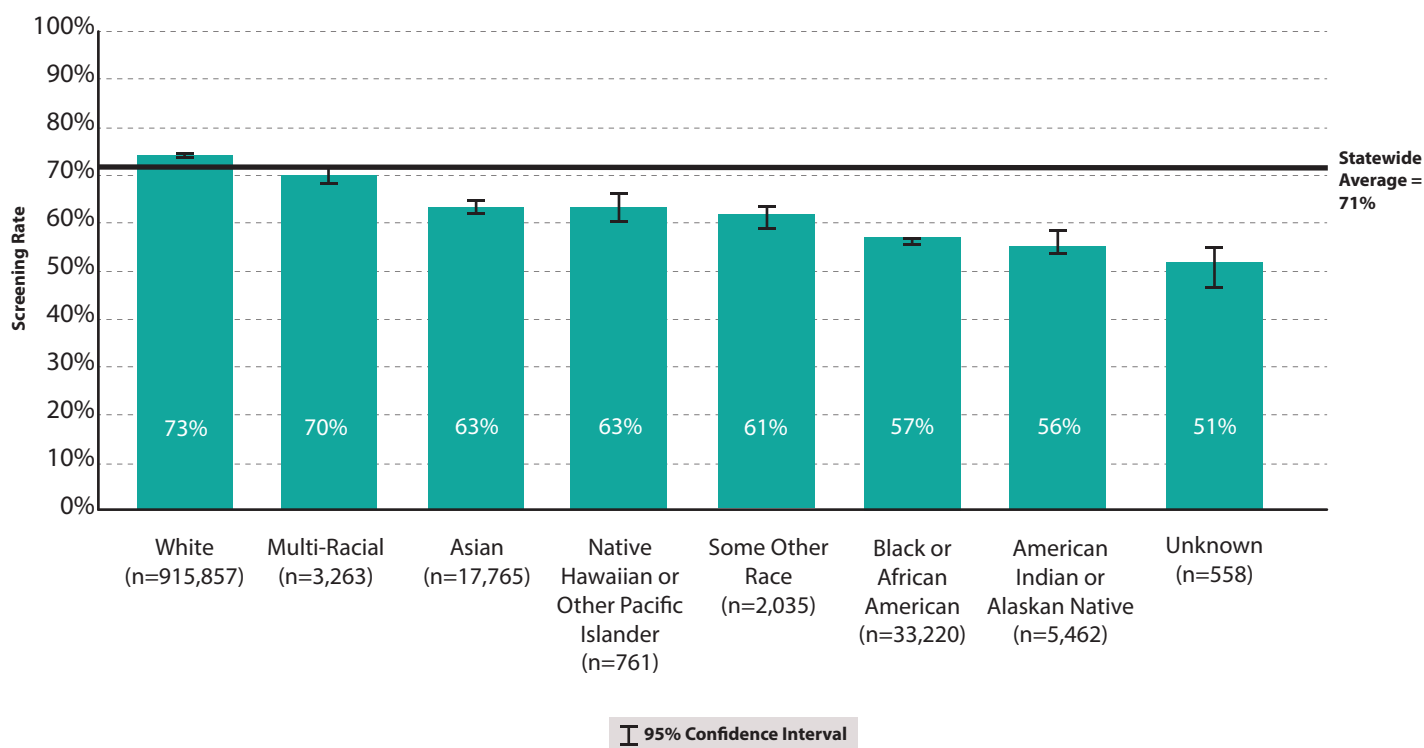
The statewide rate for Colorectal Cancer Screening is 71%.

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

STATEWIDE RESULTS BY RACE

Colorectal Cancer Screening

Figure 44 shows statewide Colorectal Cancer Screening rates by race. The White racial group had the highest rate of optimal care at 73% and this rate was the only rate significantly above the statewide average (71%). The Unknown racial group had the lowest rate of optimal care at 51% and this was significantly below the statewide average. Notably, with the exception of the White racial group, the optimal rates for all racial groups were significantly below the statewide average.

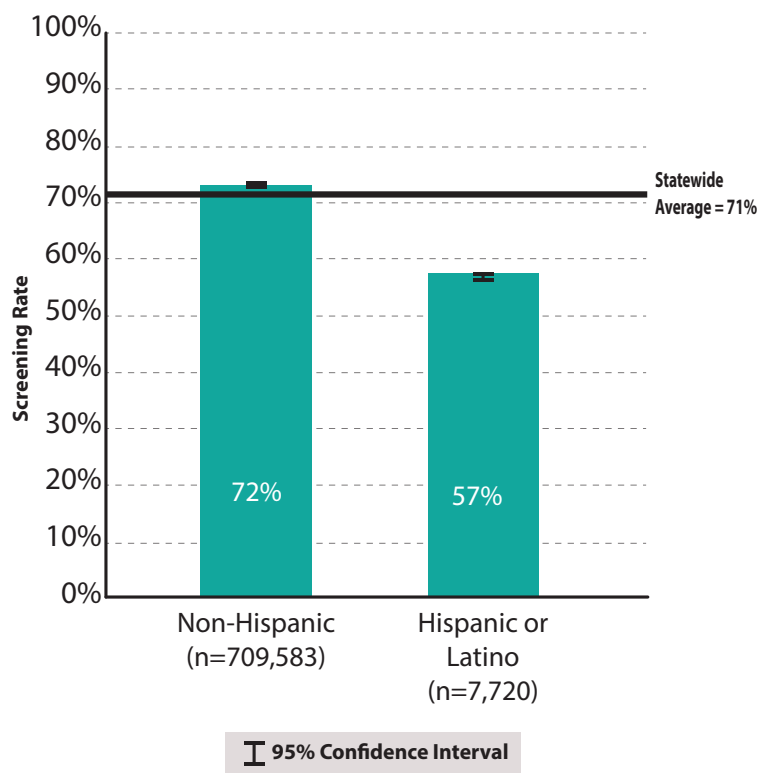
FIGURE 44: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY RACE

STATEWIDE RESULTS BY HISPANIC ETHNICITY

Colorectal Cancer Screening

Figure 45 shows statewide Colorectal Cancer Screening rates by Hispanic ethnicity. Non-Hispanics had a significantly higher rate of screening (72%) than Hispanics (57%) and the statewide average (71%). Hispanics had a screening rate that was significantly lower than the statewide average.

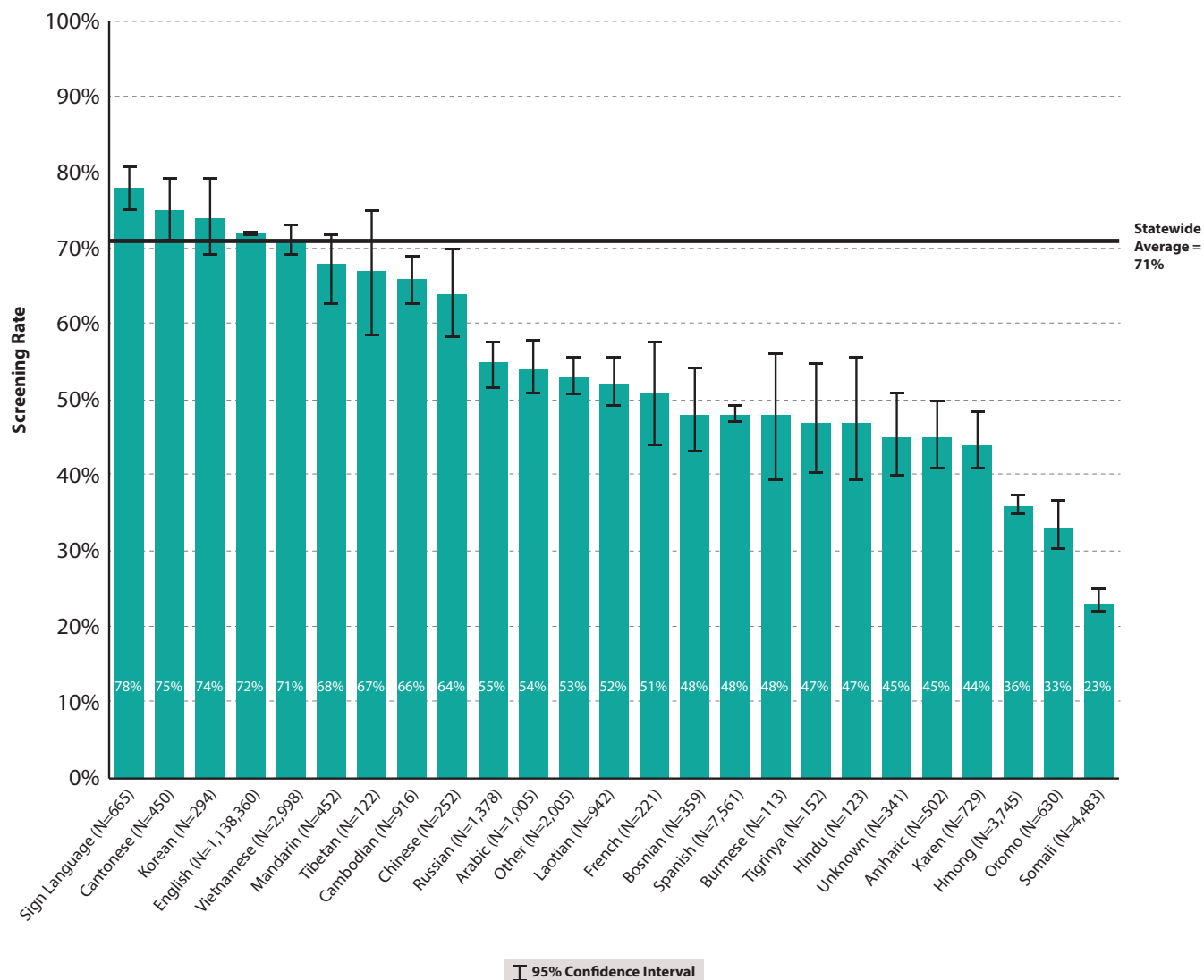
FIGURE 45: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY HISPANIC ETHNICITY



STATEWIDE RESULTS BY PREFERRED LANGUAGE

Colorectal Cancer Screening

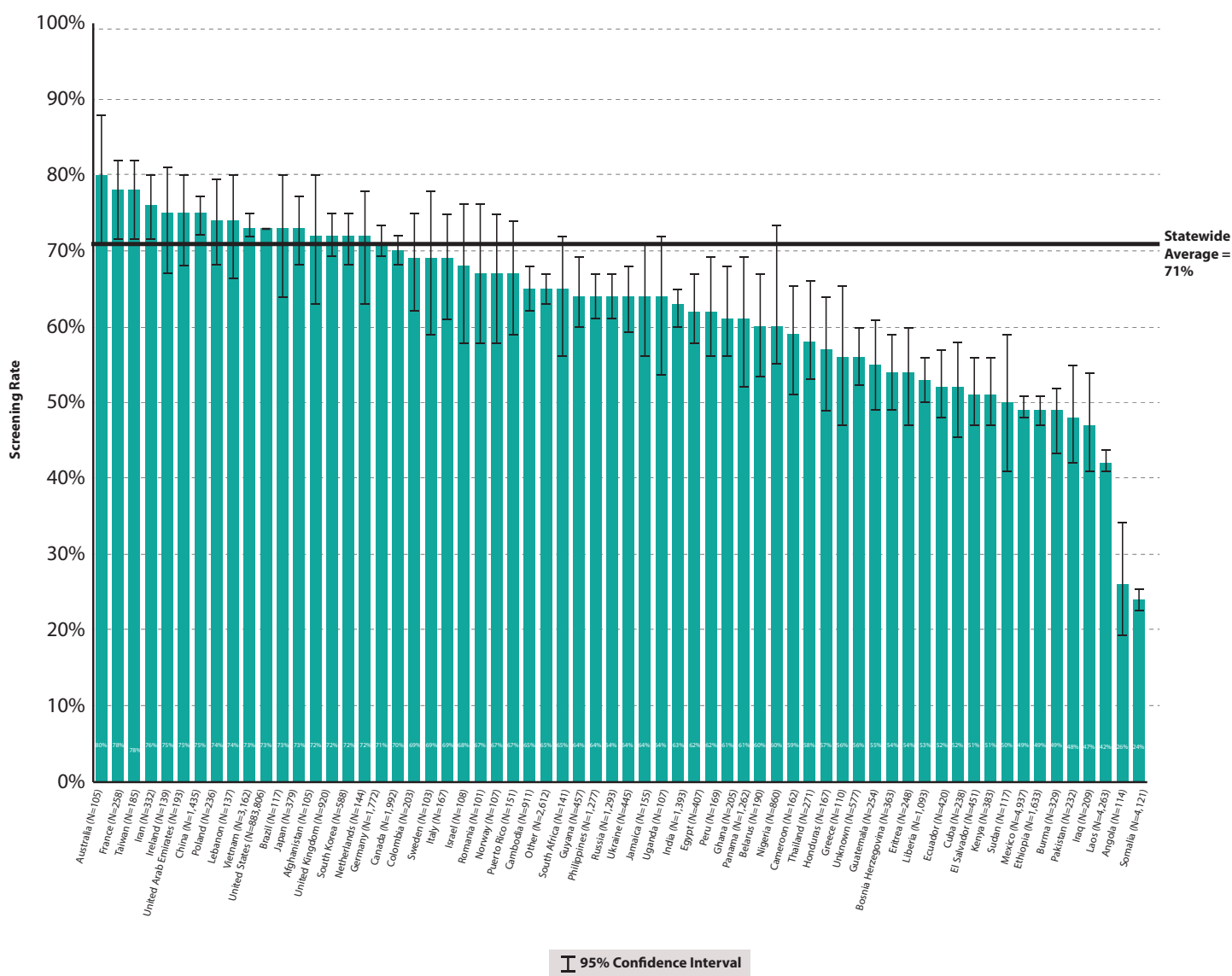
Figure 46 shows statewide Colorectal Cancer Screening rates by preferred language. Patients who indicated Sign Language as their preferred language had the highest rate of screening (78%) and this rate was significantly higher than the statewide average (71%). English (72%) was the only other preferred language that had a screening rate significantly higher than the statewide average. Patients who indicated Somali as their preferred language had the lowest rate of screening at 23%; this rate was significantly below the statewide average and all other preferred language rates. Notably, there were 17 additional preferred language groups with screening rates significantly below the statewide average.

FIGURE 46: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY PREFERRED LANGUAGE

STATEWIDE RESULTS BY COUNTRY OF ORIGIN

Colorectal Cancer Screening

Figure 47 shows statewide Colorectal Cancer Screening rates by country of origin. Patients born in Australia had the highest screening rate at 80%; however, this rate was not statistically significantly higher than the statewide average (71%). Six country of origin groups' screening rates were significantly higher than the statewide average: France (78%), Taiwan (78%), Iran (76%), China (75%), Vietnam (73%) and the United States (73%). Patients born in Somalia had the lowest screening rate at 24%, which was significantly lower than the statewide average. In addition, 33 country of origin groups had screening rates significantly below the statewide average.

FIGURE 47: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY COUNTRY OF ORIGIN

STATEWIDE RESULTS BY GLOBAL REGION & COUNTRY OF ORIGIN

Colorectal Cancer Screening

Figure 48 shows statewide Colorectal Cancer Screening rates by country of origin for **African** countries. Patients born in South Africa had the highest screening rate at 65% and this rate was not significantly lower than the statewide average (71%). There were eleven African countries of origin with screening rates significantly below the statewide average. Patients born in Somalia had the lowest screening rate at 24%.

FIGURE 48: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - AFRICA

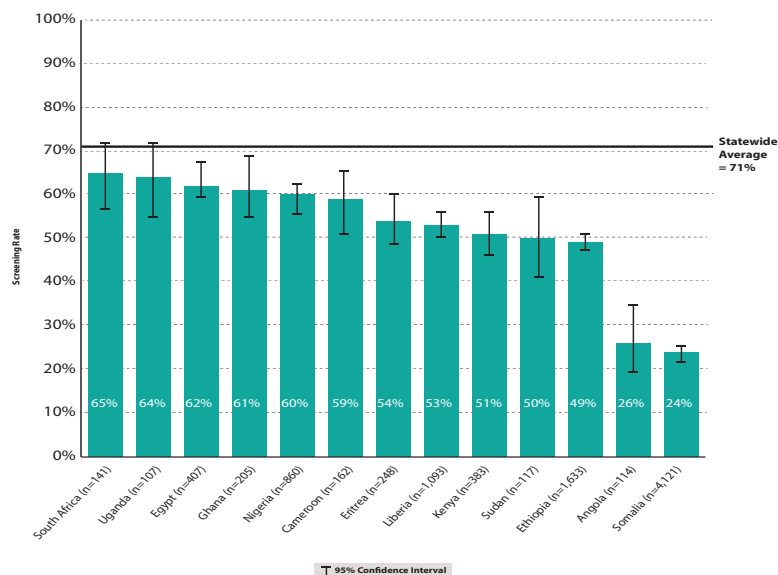
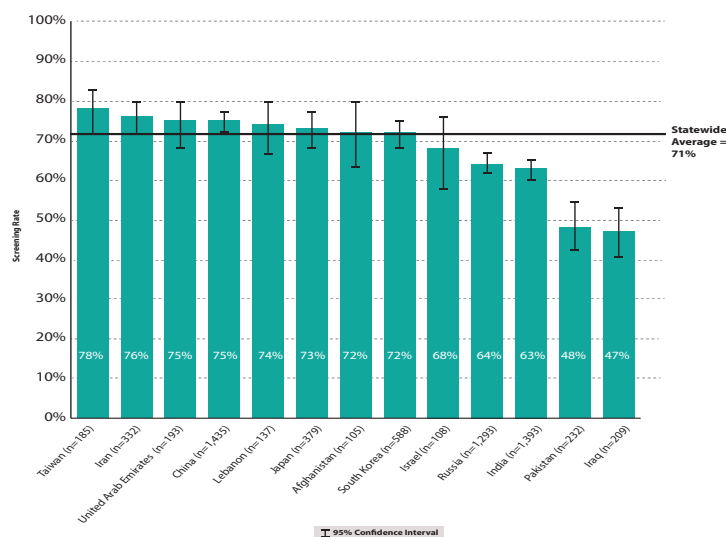


Figure 49 shows statewide Colorectal Cancer Screening rates by country of origin for **Asian** countries. Patients born in Taiwan had the highest screening rate at 78% but this rate was not significantly higher than the statewide average (71%). The only Asian country of origin that had a screening rate significantly higher the statewide average was China (75%). Notably, patients born in Russia, India, Pakistan and Iraq had significantly lower rates than the statewide average. Patients born in Iraq had the lowest screening rate at 47%.

FIGURE 49: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - ASIA



STATEWIDE RESULTS BY GLOBAL REGION & COUNTRY OF ORIGIN

Colorectal Cancer Screening

Figure 50 shows statewide Colorectal Cancer Screening rates by country of origin for **Central America/Caribbean** countries. Patients born in Puerto Rico had the highest screening rate at 67% but this rate was not significantly higher than the statewide average (71%). All other countries in this region had screening rates significantly below the statewide average. Patients born in El Salvador had the lowest screening rate at 51%.

Figure 51 shows statewide Colorectal Cancer Screening rates by country of origin for **European** countries. Patients born in France had the highest screening rate at 78% and this rate was significantly higher than the statewide average (71%). Four European countries of origin had screening rates below the statewide average: Ukraine (64%), Belarus (60%), Greece (56%) and Bosnia Herzegovina (54%).

FIGURE 50: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - CENTRAL AMERICA/ CARIBBEAN

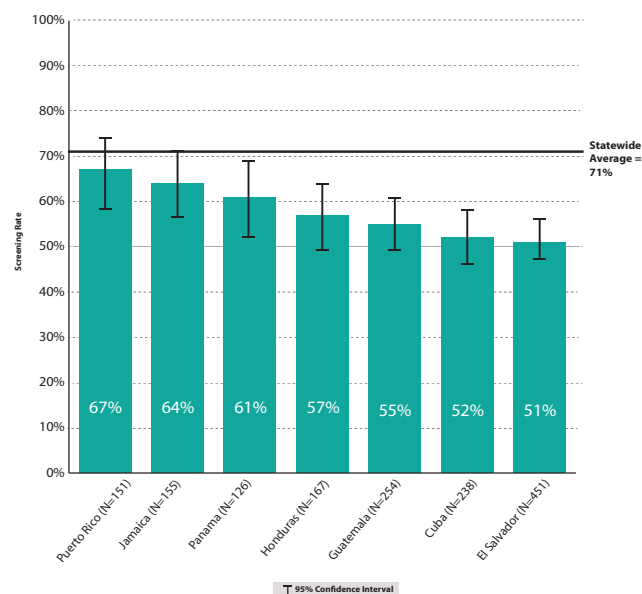
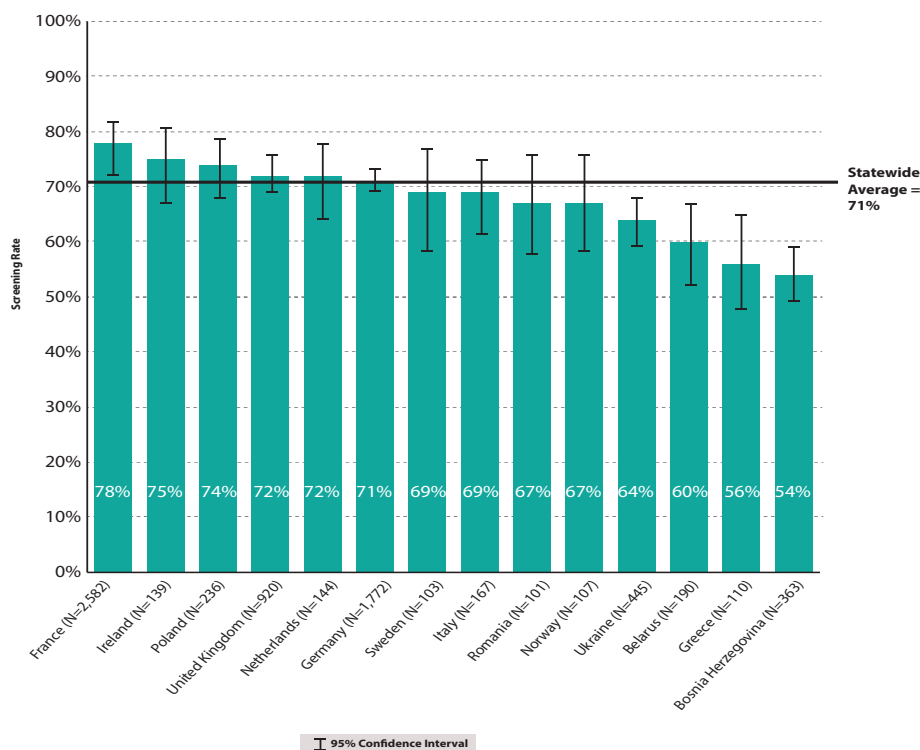


FIGURE 51: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - EUROPE



STATEWIDE RESULTS BY GLOBAL REGION & COUNTRY OF ORIGIN

Colorectal Cancer Screening

Figure 52 shows statewide Colorectal Cancer Screening rates by country of origin for **Southeast Asian** countries. Patients born in Vietnam had the highest screening rate at 73% and this rate was significantly higher than the statewide average (71%). All other countries in this region had screening rates significantly below the statewide average. Patients born in Laos had the lowest screening rate at 42%.

FIGURE 52: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - SOUTHEAST ASIA

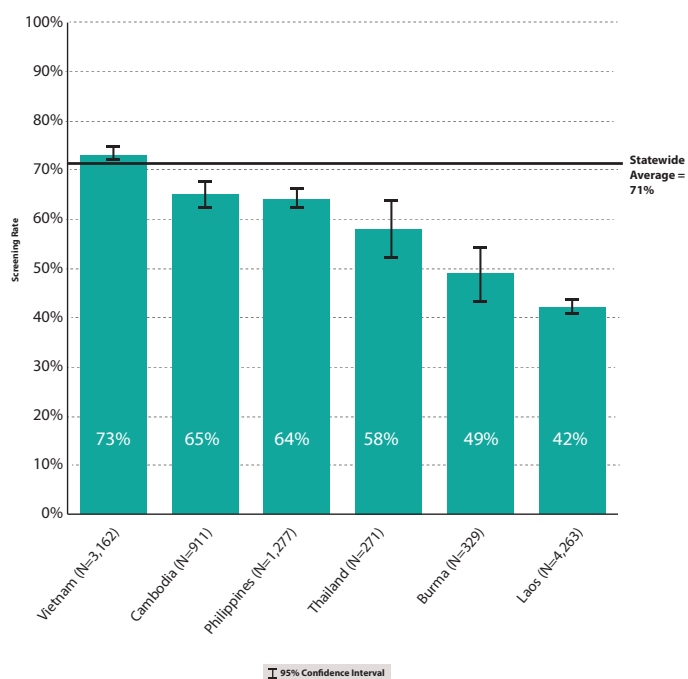


FIGURE 53: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY GLOBAL REGION - SOUTH AMERICA

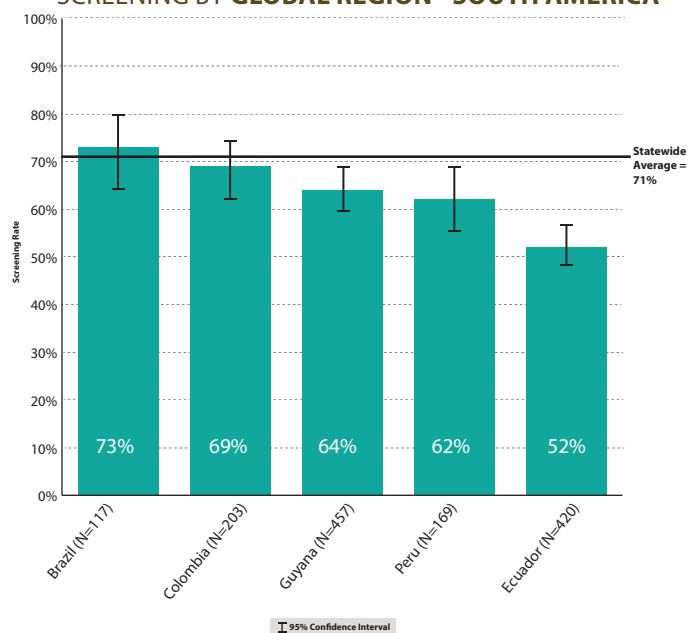


Figure 53 shows statewide Colorectal Cancer Screening rates by country of origin for **South American** countries. Patients born in Brazil had the highest screening rate at 73%; however, this rate was not statistically significantly higher than the statewide average (71%). Three South American countries of origin had screening rates significantly lower than the statewide average: Guyana at 64%; Peru at 62%; and, the lowest screening rate, Ecuador at 52%.

Please see next page.

REGIONAL RESULTS

Colorectal Cancer Screening

Statewide results showed variation in performance among the different geographic regions in Minnesota. Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and State of Minnesota. The nine regions in alphabetical order are: Central, East Metro, Minneapolis, Northeast, Northwest, St. Paul, Southeast, Southwest and West Metro.

Regional Results by Race

Statewide rates for each racial group were stratified by region for comparative analyses. For Colorectal Cancer Screening, the highest and lowest screening rates for **each racial group** were found in the following regions:

- **American Indian or Alaskan Native:** The highest rate for this racial group was found in the East Metro region at 67%; the lowest rate was found in the Minneapolis region at 48%.
- **Asian:** The highest rate for this racial group was found in the East Metro and West Metro regions at 69%; the lowest rate was found in the Southwest region at 39%.
- **Black or African American:** The highest rate for this racial group was found in the East Metro region at 67%; the lowest rate was found in the Southwest region at 35%.
- **Multi-Racial:** The highest rate for this racial group was found in the West Metro region at 73%; the lowest rate was found in the Minneapolis region at 48%.
- **Native Hawaiian or Other Pacific Islander:** The highest rate for this racial group was found in the East Metro and West Metro regions at 67%; the lowest rate was found in the St. Paul region at 43%.
- **Some Other Race:** The highest rate for this racial group was found in the East Metro region at 66%; the lowest rate was found in the Northeast region at 41%.
- **White:** The highest rate for this racial group was found in the East Metro and West Metro regions at 76%; the lowest rate was found in the Northeast and Northwest regions at 68%.

The White racial group had the highest rate in all nine regions. The Black or African American racial group had the lowest rate in four of the nine regions.

REGIONAL RESULTS

Colorectal Cancer Screening

The highest and lowest screening rates were held by the following racial groups in **each region**:

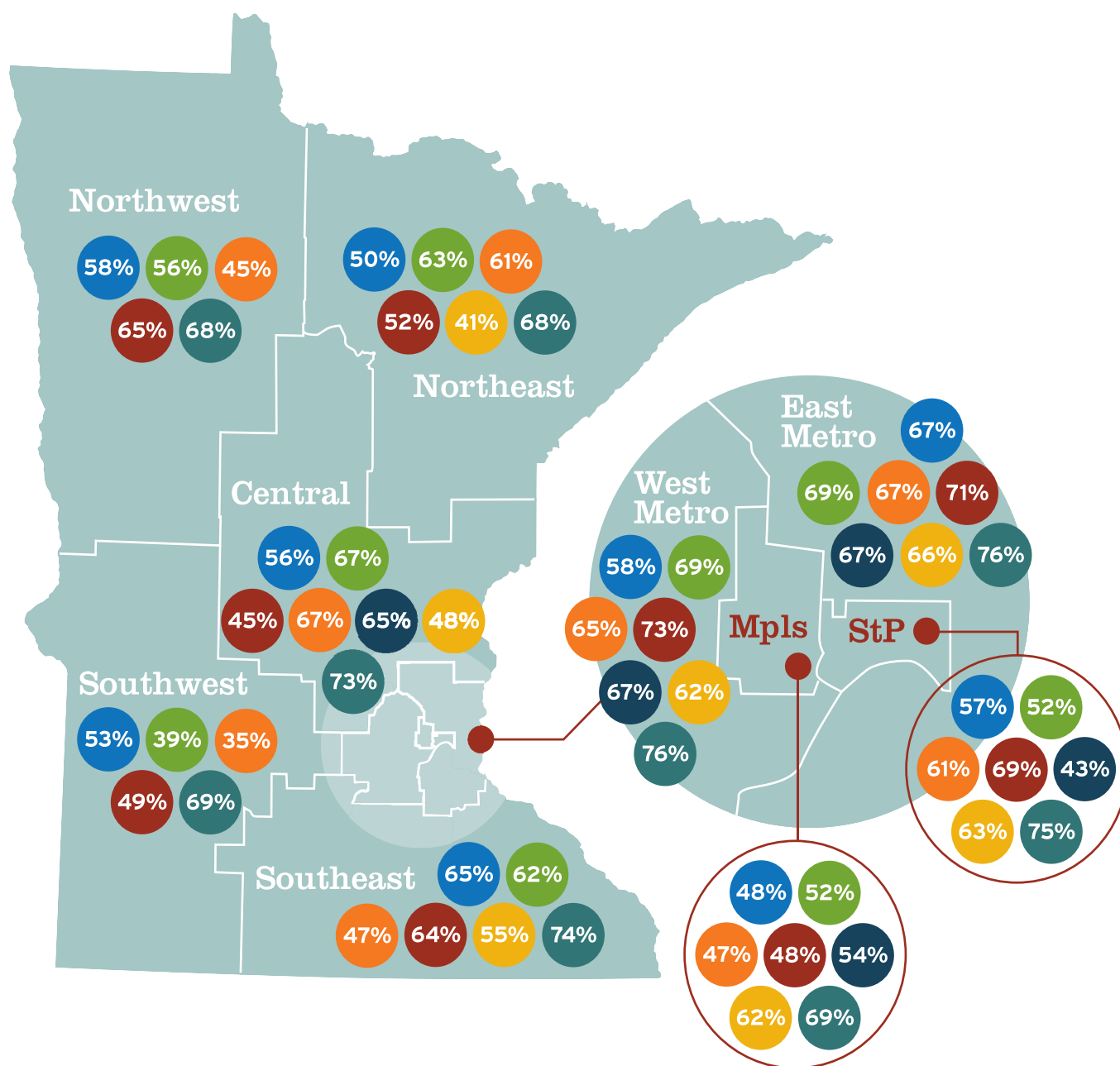
- **Minneapolis:** White patients had the highest rate at 69%; Black or African American patients had the lowest rate at 47%.
- **West Metro:** White patients had the highest rate at 76%; American Indian or Alaskan Native patients had the lowest rate at 58%.
- **St. Paul:** White patients had the highest rate at 75%; Native Hawaiian or Other Pacific Islander patients had the lowest rate at 43%.
- **East Metro:** White patients had the highest rate at 76%; Some Other Race patients had the lowest rate at 66%.
- **Northwest:** White patients had the highest rate at 68%; Black or African American patients had the lowest rate at 45%.
- **Central:** White patients had the highest rate at 73%; Multi-Racial patients had the lowest rate at 45%.
- **Northeast:** White patients had the highest rate at 68%; patients of Some Other Race had the lowest rate at 41%.
- **Southeast:** White patients had the highest rate at 74%; Black or African American patients had the lowest rate at 47%.
- **Southwest:** White patients had the highest rate at 69%; Black or African American patients had the lowest rate at 35%.

The following pages display graphics comparing Colorectal Cancer Screening regional rates by race. Rates are not displayed for racial groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

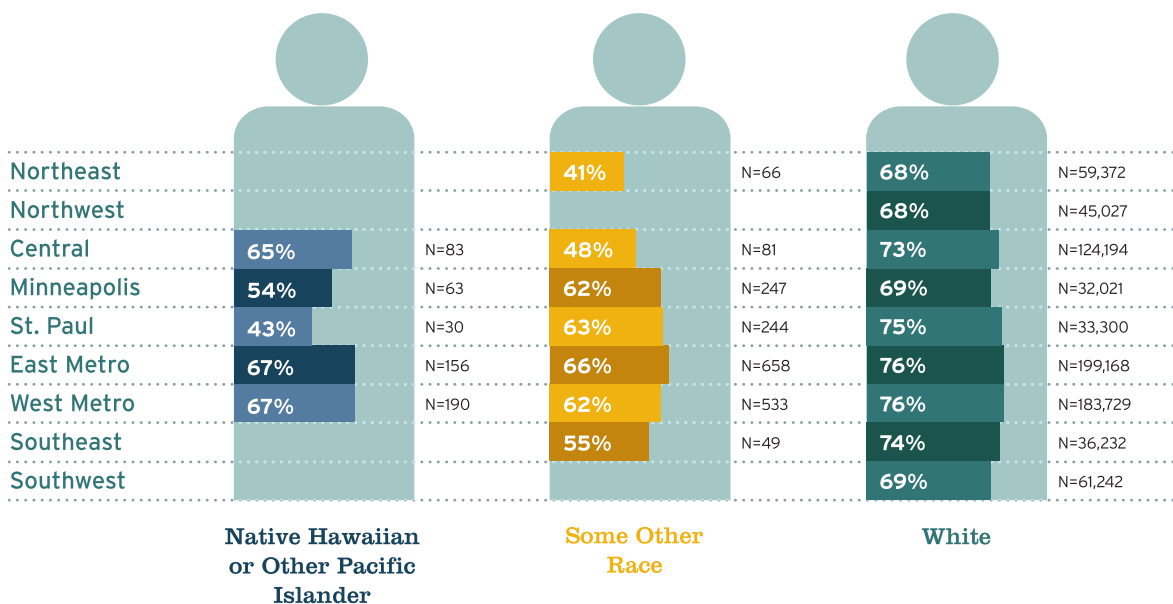
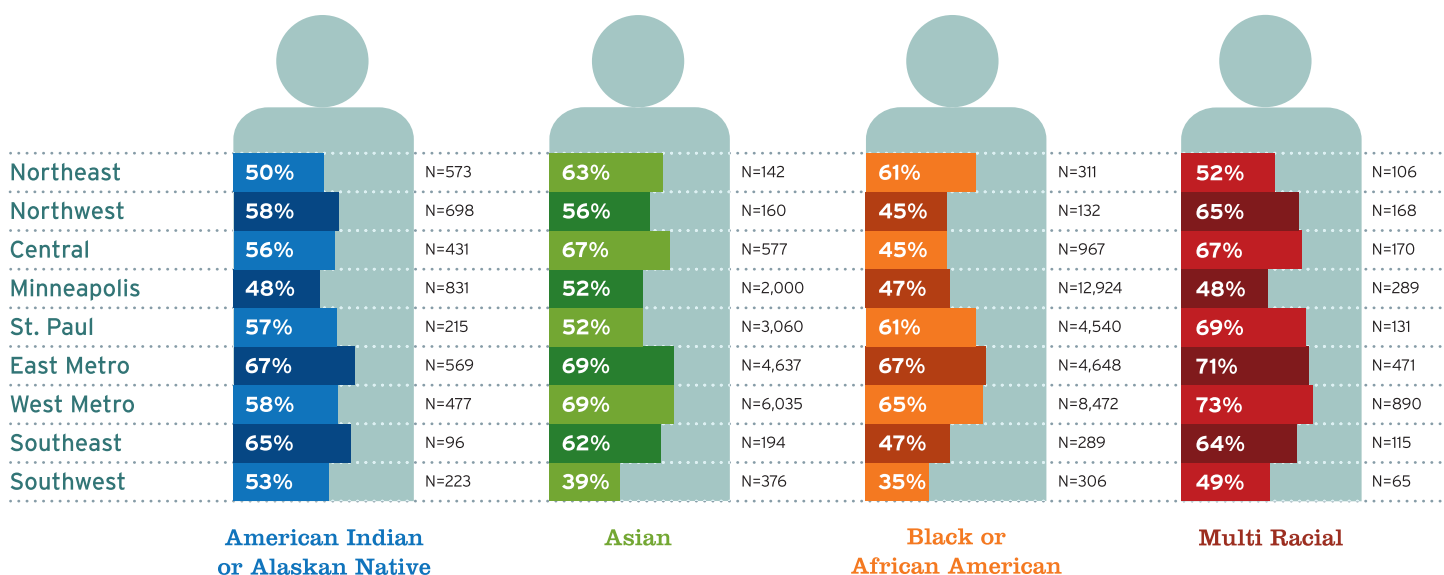
Colorectal Cancer Screening Rates by Race

- American Indian or Alaskan Native
- Asian
- Black or African American
- Multi Racial

- Native Hawaiian or Other Pacific Islander
- Some Other Race
- White



Colorectal Cancer Screening Rates by Race



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage were screened.

REGIONAL RESULTS

Colorectal Cancer Screening

Regional Results by Hispanic Ethnicity

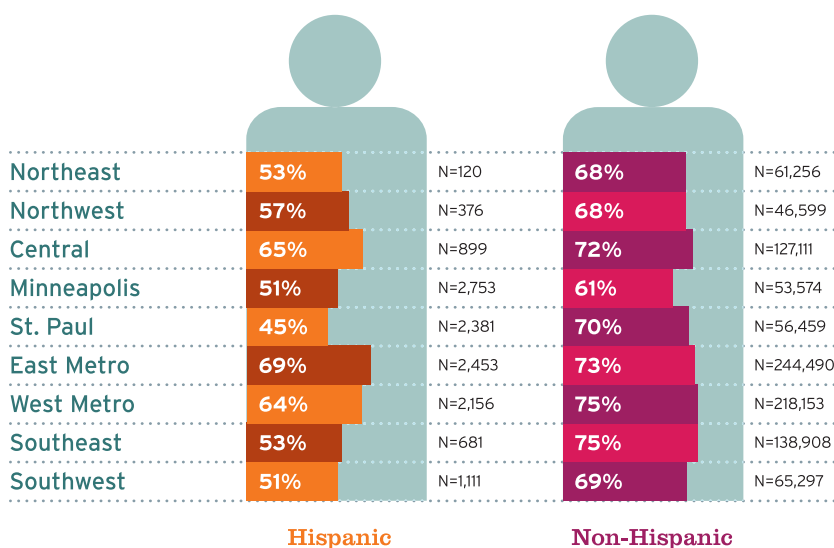
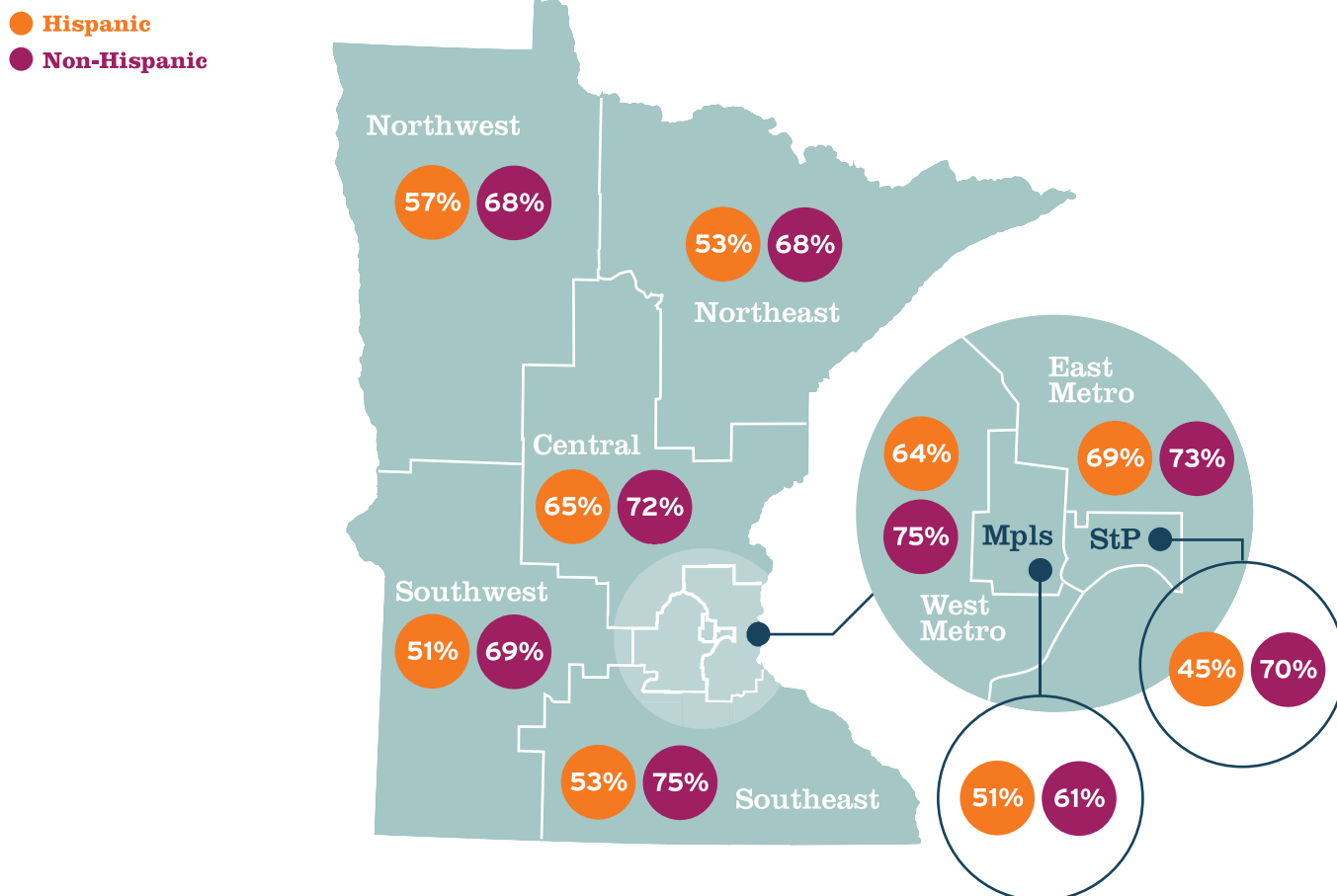
Statewide rates for each ethnic group were stratified by region for comparative analyses. Non-Hispanics had a higher rate compared to Hispanics for all nine regions. The largest difference in rates between the two ethnic groups was found in the St. Paul region where Non-Hispanics had a rate 25 percentage points higher than Hispanics.

Hispanics had the highest rate in the East Metro region at 69% and the lowest rate in the St. Paul region at 45%.

Non-Hispanics had the highest rate in the West Metro and Southeast regions at 75%. The lowest rate for Non-Hispanics was found in the Minneapolis region at 61%.

The following page displays graphics comparing Colorectal Cancer Screening regional rates by Hispanic ethnicity. Rates are not displayed for ethnic groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Colorectal Cancer Screening Rates by Hispanic Ethnicity



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage were screened.

REGIONAL RESULTS

Colorectal Cancer Screening

Regional Results by Preferred Language

Statewide rates for each language group were stratified by region for comparative analyses. The highest and lowest screening rates were held by the following preferred language groups for **each region**:

- **Minneapolis:** Patients who preferred speaking Korean had the highest rate at 70%; patients who preferred speaking Somali and Swahili had the lowest rate at 19%.
- **West Metro:** Patients who preferred speaking Sign Language had the highest rate at 82%; patients who preferred speaking Somali had the lowest rate at 32%.
- **St. Paul:** Patients who preferred speaking Sign Language had the highest rate at 81%; patients who preferred speaking Somali had the lowest rate at 34%.
- **East Metro:** Patients who preferred speaking Cantonese and Sign Language had the highest rate at 78%; patients who preferred speaking Somali had the lowest rate at 31%.
- **Northwest:** Patients who preferred speaking English had the highest rate at 68%; patients who preferred speaking Spanish had the lowest rate at 48%.
- **Central:** Patients who preferred speaking Sign Language had the highest rate at 77%; patients who preferred speaking Somali had the lowest rate at 22%.
- **Northeast:** Patients who preferred speaking English had the highest rate at 68%; patients who preferred speaking an Other language had the lowest rate at 59%.
- **Southeast:** Patients who preferred speaking Sign Language had the highest rate at 81%; patients who preferred speaking Somali had the lowest rate at 36%.
- **Southwest:** Patients who preferred speaking English had the highest rate at 69%; patients who preferred speaking Somali had the lowest rate at 17%.

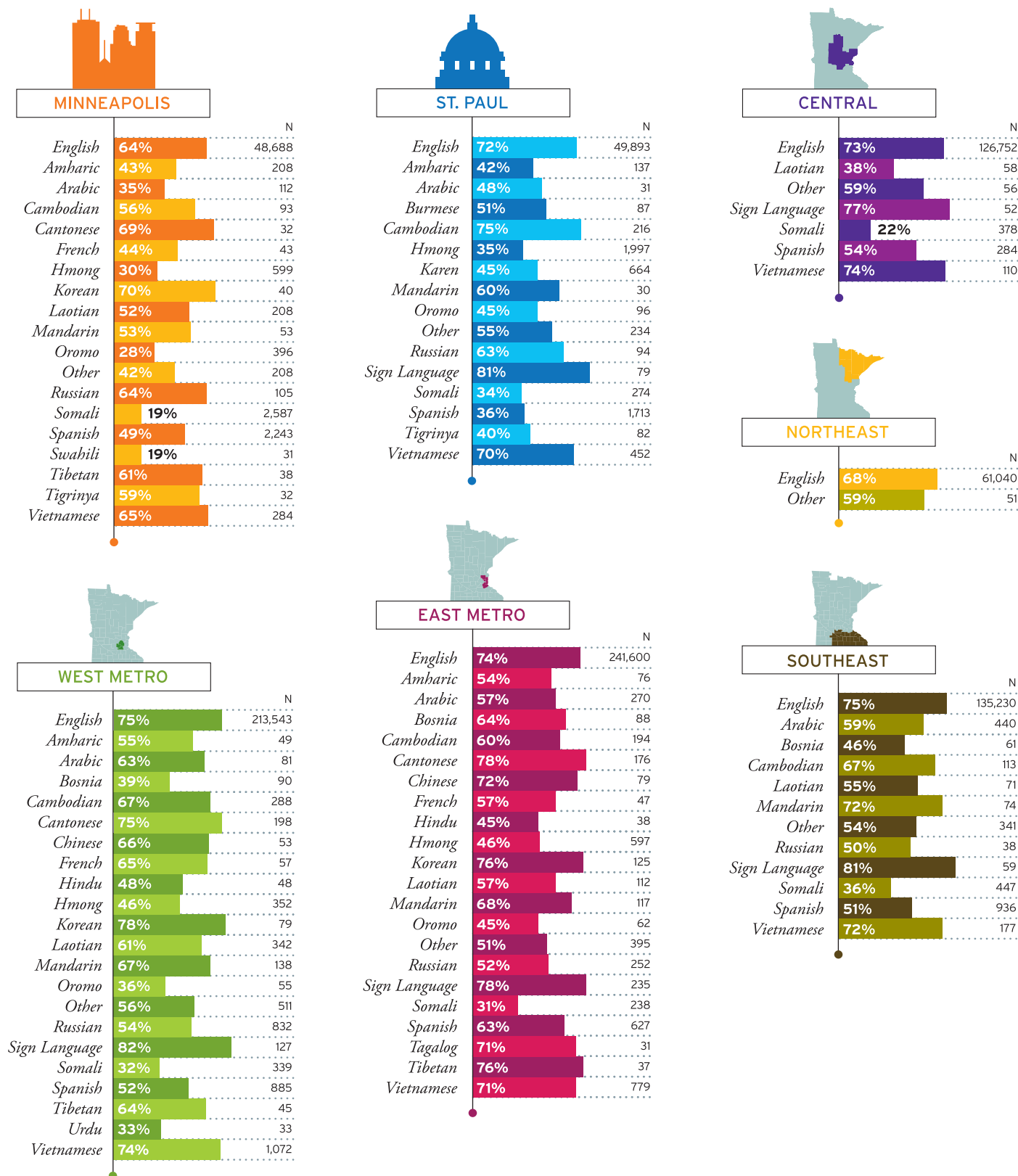
Patients who preferred speaking **Sign Language** had the highest rate in five of the nine regions. The group's highest rate was found in the West Metro region at 82% and their lowest rate was found in the Central region at 77%. This is a difference of five percentage points.

Patients who preferred speaking **English** had the highest rate in three of the nine regions. The group's highest rate was found in the West Metro and Southeast regions at 75% and their lowest rate was found in the Minneapolis region at 64%. This is a difference of 11 percentage points.

Patients who preferred speaking **Somali** had the lowest rate in seven of the nine regions. The highest rate for patients who preferred speaking Somali was found in the Southeast region at 36% and the lowest rate was found in the Southwest region at 17%. This is a difference of 19 percentage points.

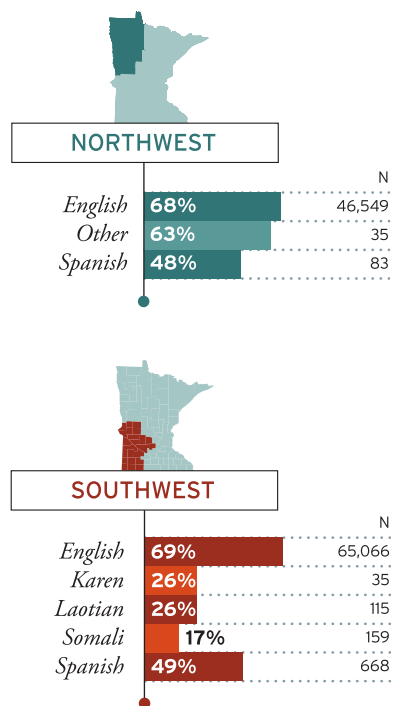
The following pages display graphics comparing Colorectal Cancer Screening regional rates by preferred language. Rates are not displayed for language groups that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Colorectal Cancer Screening Rates by Preferred Language



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage were screened.

Colorectal Cancer Screening Care Rates by Preferred Language



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage were screened.

REGIONAL RESULTS

Colorectal Cancer Screening

Regional Results by Country of Origin

Statewide rates for each country of origin group were stratified by region for comparative analyses. The highest and lowest screening rates were held by the following country of origin groups for **each region**:

- **Minneapolis:** Patients born in Canada had the highest rate at 75%; patients born in Somalia had the lowest rate at 20%.
- **West Metro:** Patients born in Taiwan had the highest rate at 87%; patients born in Somalia had the lowest rate at 37%.
- **St. Paul:** Patients born in Nepal had the highest rate at 85%; patients born in Guatemala had the lowest rate at 29%.
- **East Metro:** Patients born in United Arab Emirates had the highest rate at 85%; patients born in Somalia had the lowest rate at 41%.
- **Northwest:** Patients born in Canada and Germany had the highest rate at 70%; patients born in Mexico had the lowest rate at 49%.
- **Central:** Patients born in Japan had the highest rate at 88%; patients born in Somalia had the lowest rate at 22%.
- **Northeast:** Patients born in the United Kingdom had the highest rate at 73%; patients born in Canada had the lowest rate at 61%.
- **Southeast:** Patients born in the United States had the highest rate at 74%; patients born in Somalia had the lowest rate at 26%.
- **Southwest:** Patients born in the Philippines had the highest rate at 72%; patients born in Somalia had the lowest rate at 17%.

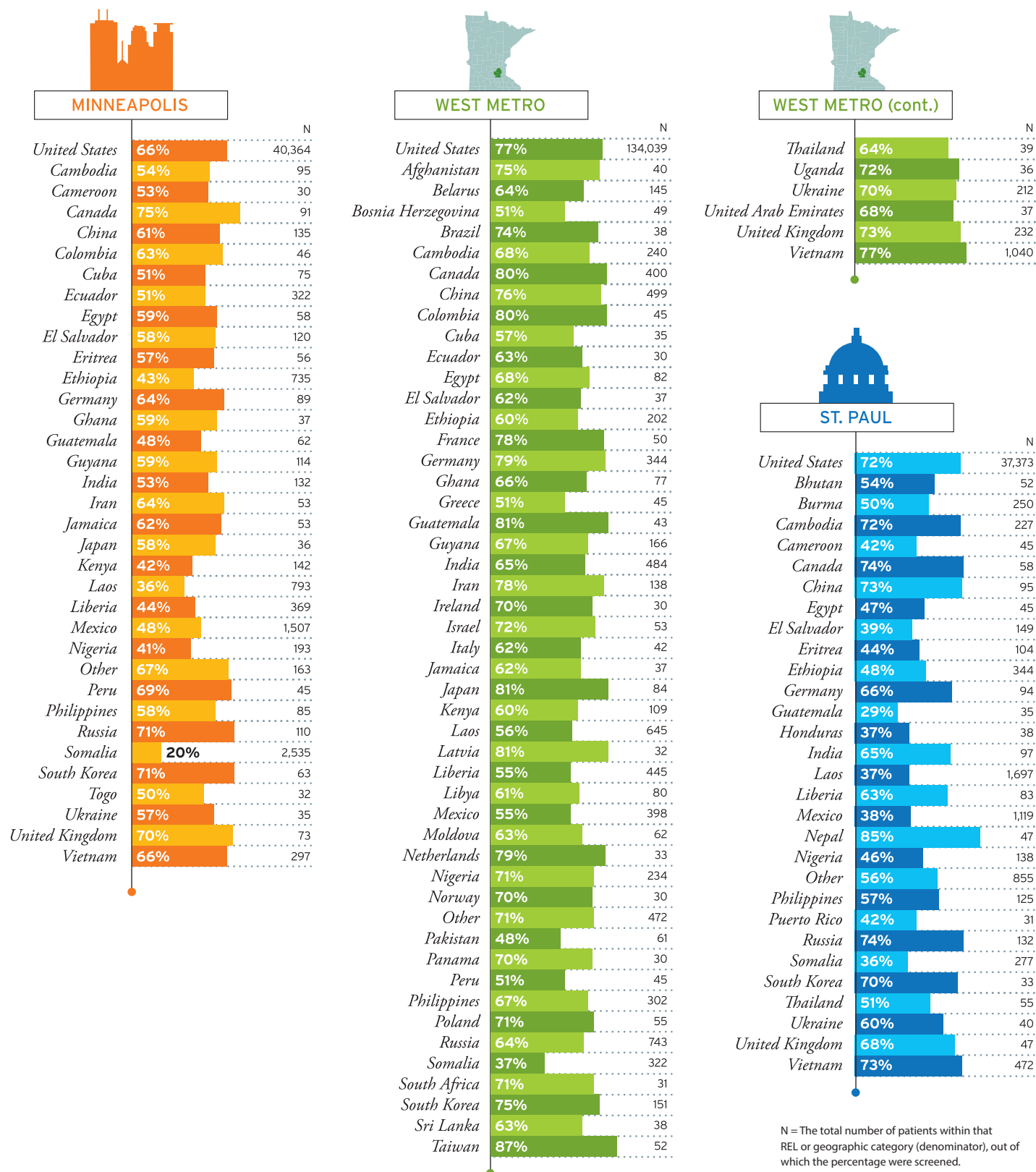
Patients born in the **United States** had the highest screening rate in one of the nine regions. The group's highest rate was found in the West Metro region at 77% and their lowest rate was found in the Minneapolis region at 66%. This is a difference of 11 percentage points.

Patients born in **Canada** had the highest screening rate in two of the nine regions. The group's highest rate was found in the West Metro region at 80% and their lowest rate was found in the Northeast region at 61%. This is a difference of 19 percentage points.

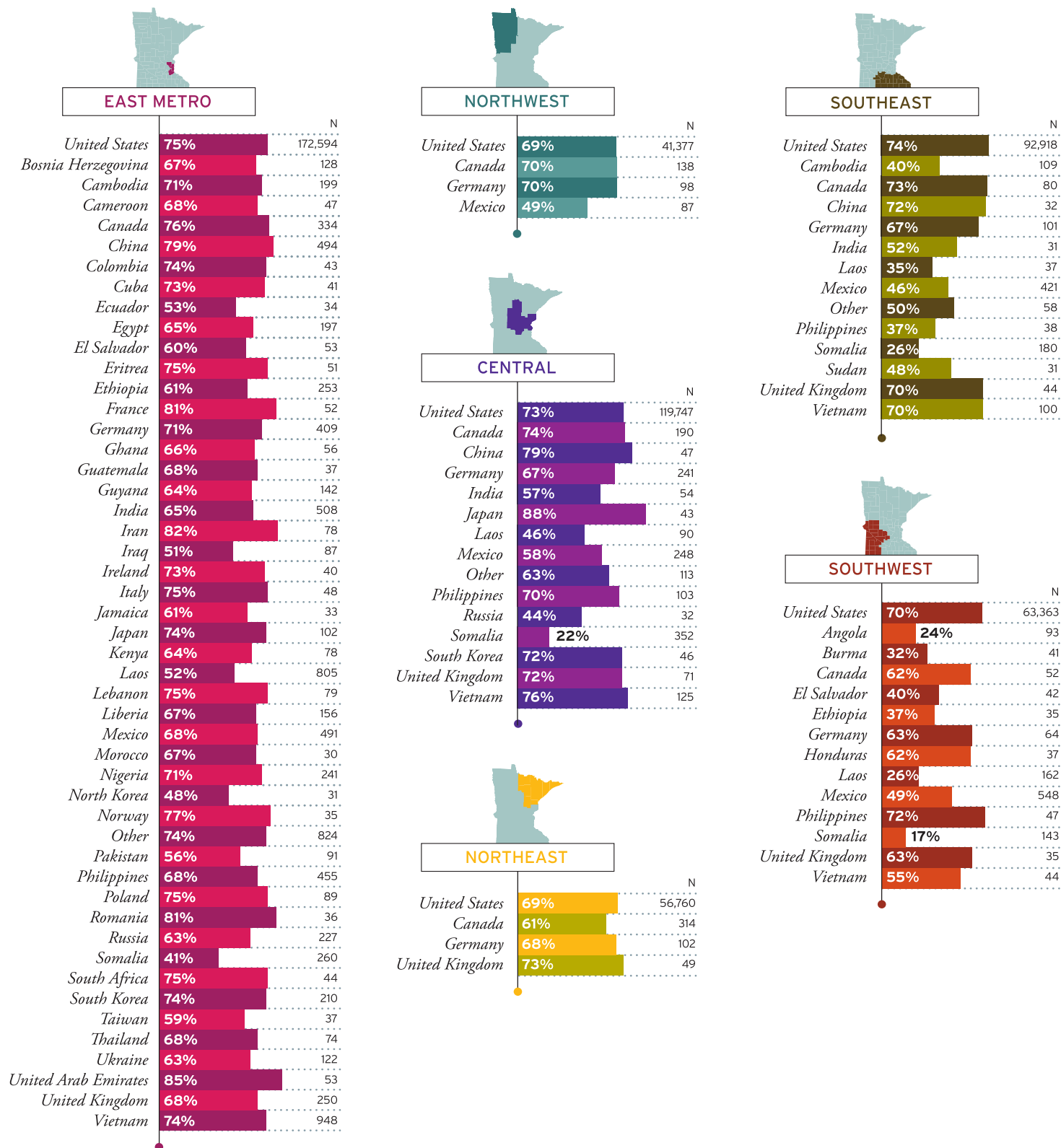
Patients born in **Somalia** had the lowest screening rate in six of the nine regions. The group's highest rate was found in the East Metro region at 41% and their lowest rate was found in the Southwest region at 17%. This is a difference of 24 percentage points.

The following pages display graphics comparing Colorectal Cancer Screening regional rates by country of origin. Rates are not displayed for countries that have less than 30 patients in a region. Denominator values (N) are displayed for reportable groups.

Colorectal Cancer Screening Rates by Country of Origin



Colorectal Cancer Screening Rates by Country of Origin



N = The total number of patients within that REL or geographic category (denominator), out of which the percentage were screened.

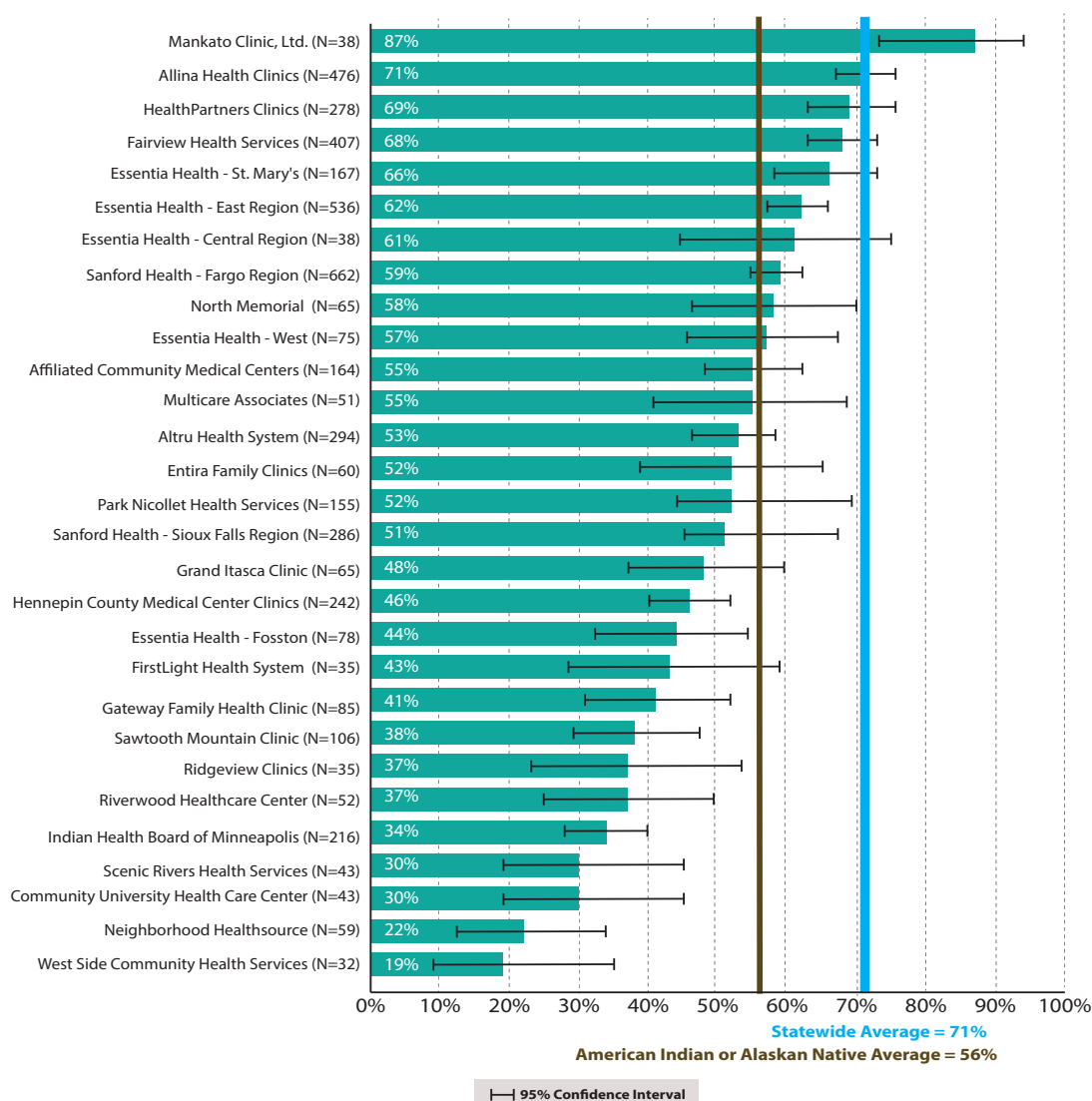
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MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Race

Figure 54 shows medical group results for Colorectal Cancer Screening for American Indian or Alaskan Native patients. The American Indian or Alaskan Native average is 56% compared to the overall statewide average at 71%. Mankato Clinic, Ltd. had the highest screening rate at 87% and is the only medical group with a rate significantly above the overall statewide average. There were six medical groups (Mankato Clinic, Ltd., Allina Health Clinics, HealthPartners Clinics, Fairview Health Services, Essentia Health - St. Mary's and Essentia Health - East Region) with rates significantly above the American Indian or Alaskan Native average. There were 11 medical groups with screening rates significantly below the American Indian or Alaskan Native average.

FIGURE 54: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR AMERICAN INDIAN OR ALASKAN NATIVE PATIENTS

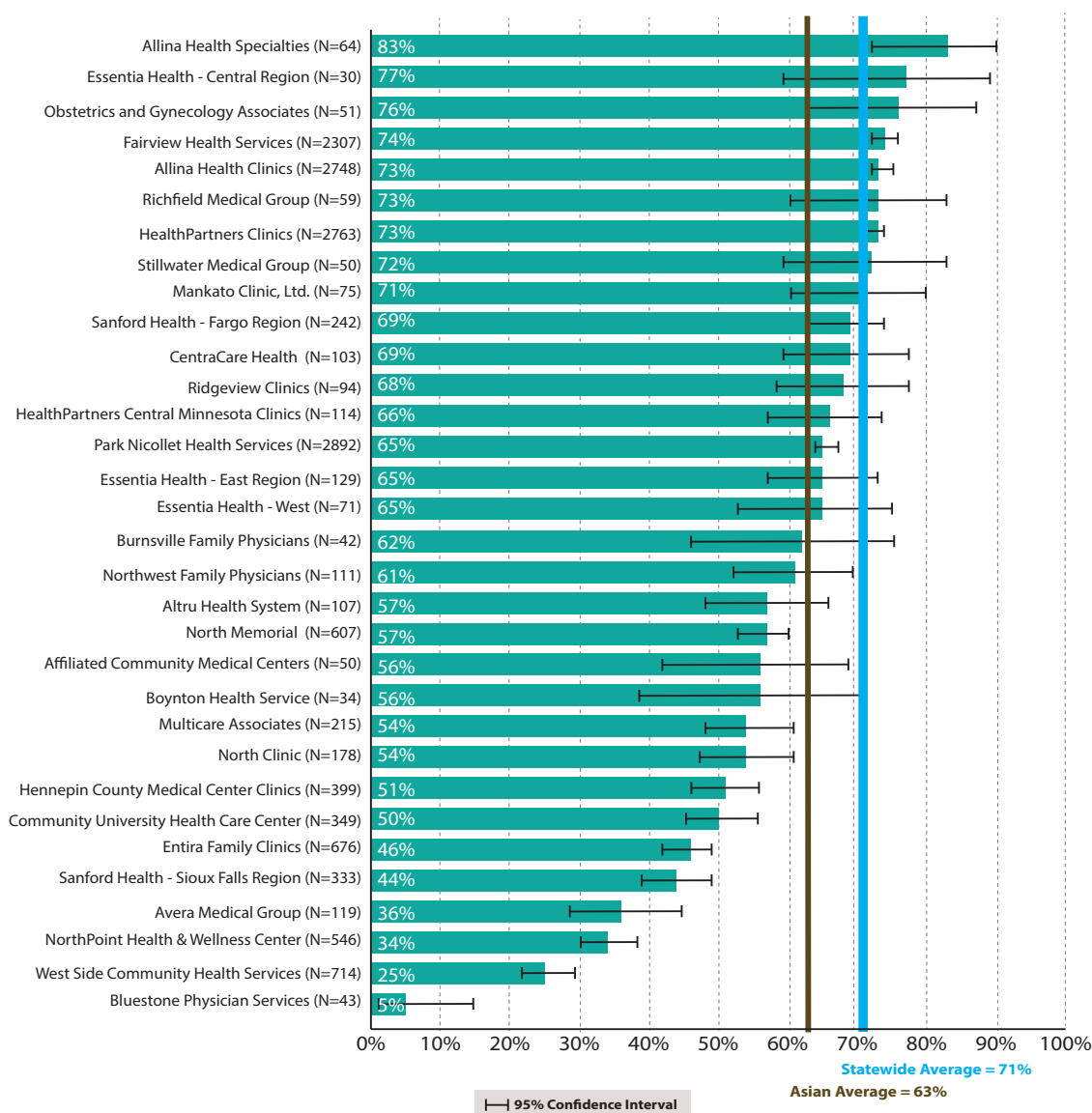


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Race

Figure 55 shows medical group results for Colorectal Cancer Screening for Asian patients. The Asian average is 63% compared to the overall statewide average at 71%. Allina Health Specialties had the highest rate at 83%. There were three medical groups (Allina Health Specialties, Fairview Health Services and Allina Health Clinics) with a screening rate significantly above the overall statewide average. There were six medical groups (Allina Health Specialties, Obstetrics and Gynecology Associates, Fairview Health Services, Allina Health Clinics, HealthPartners Clinics and Park Nicollet Health Services) with rates significantly above the Asian average. There were 11 medical groups with screening rates significantly below the Asian average.

FIGURE 55: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR ASIAN PATIENTS

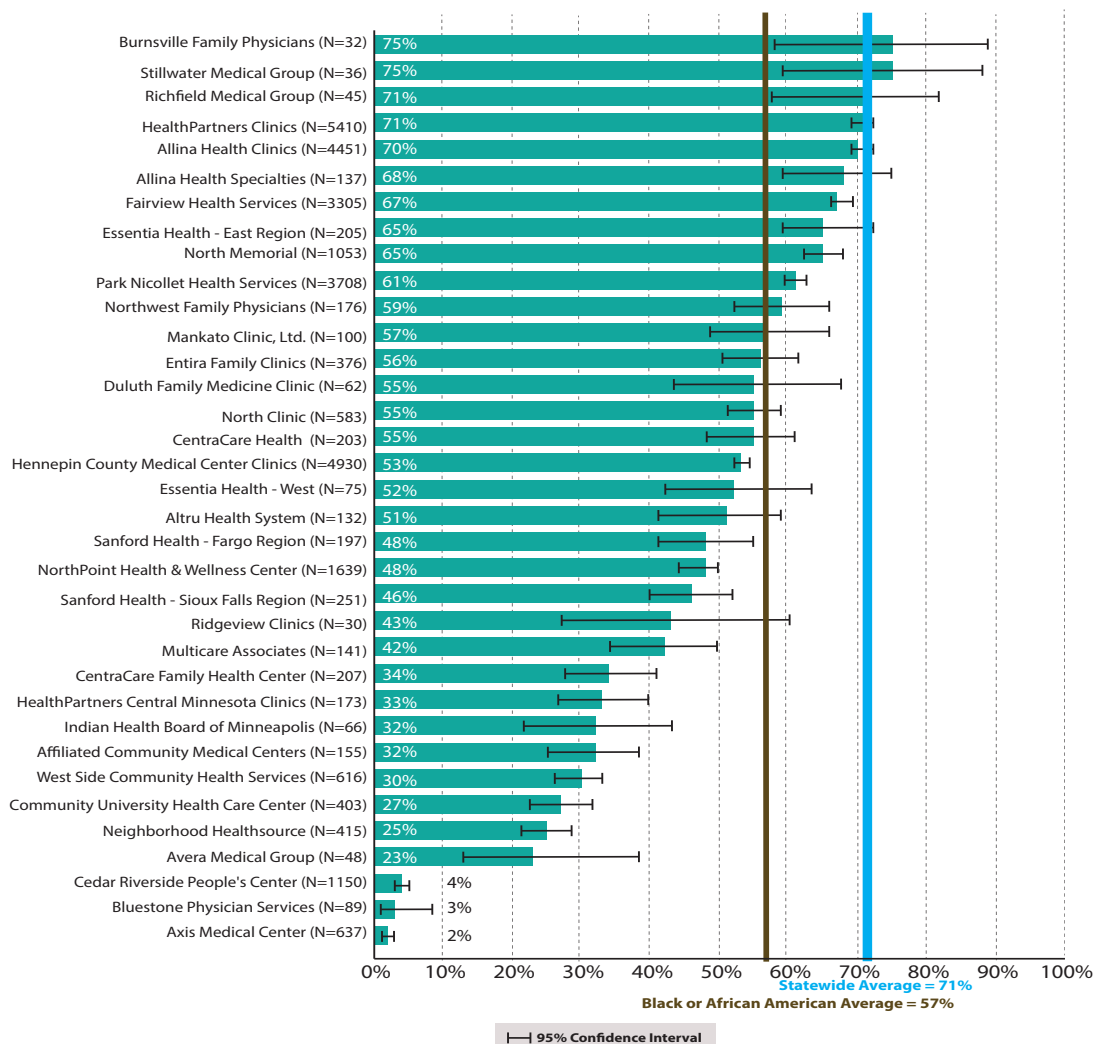


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Race

Figure 56 shows medical group results for Colorectal Cancer Screening for Black or African American patients. The Black or African American average is 57% compared to the overall statewide average at 71%. Burnsville Family Physicians and Stillwater Medical Group had the highest rate at 75%. There were seven medical groups (Burnsville Family Physicians, Stillwater Medical Group, Richfield Medical Group, HealthPartners Clinics, Allina Health Clinics, Allina Health Specialties and Essentia Health - East Region) with rates that were not significantly different from the overall statewide average. There were ten medical groups (Burnsville Family Physicians, Stillwater Medical Group, Richfield Medical Group, HealthPartners Clinics, Allina Health Clinics, Allina Health Specialties, Fairview Health Services, Essentia Health - East Region, North Memorial and Park Nicollet Health Services) with screening rates significantly above the Black or African American average. There were 17 medical groups with a rate significantly below the Black or African American average.

FIGURE 56: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR BLACK OR AFRICAN AMERICAN PATIENTS

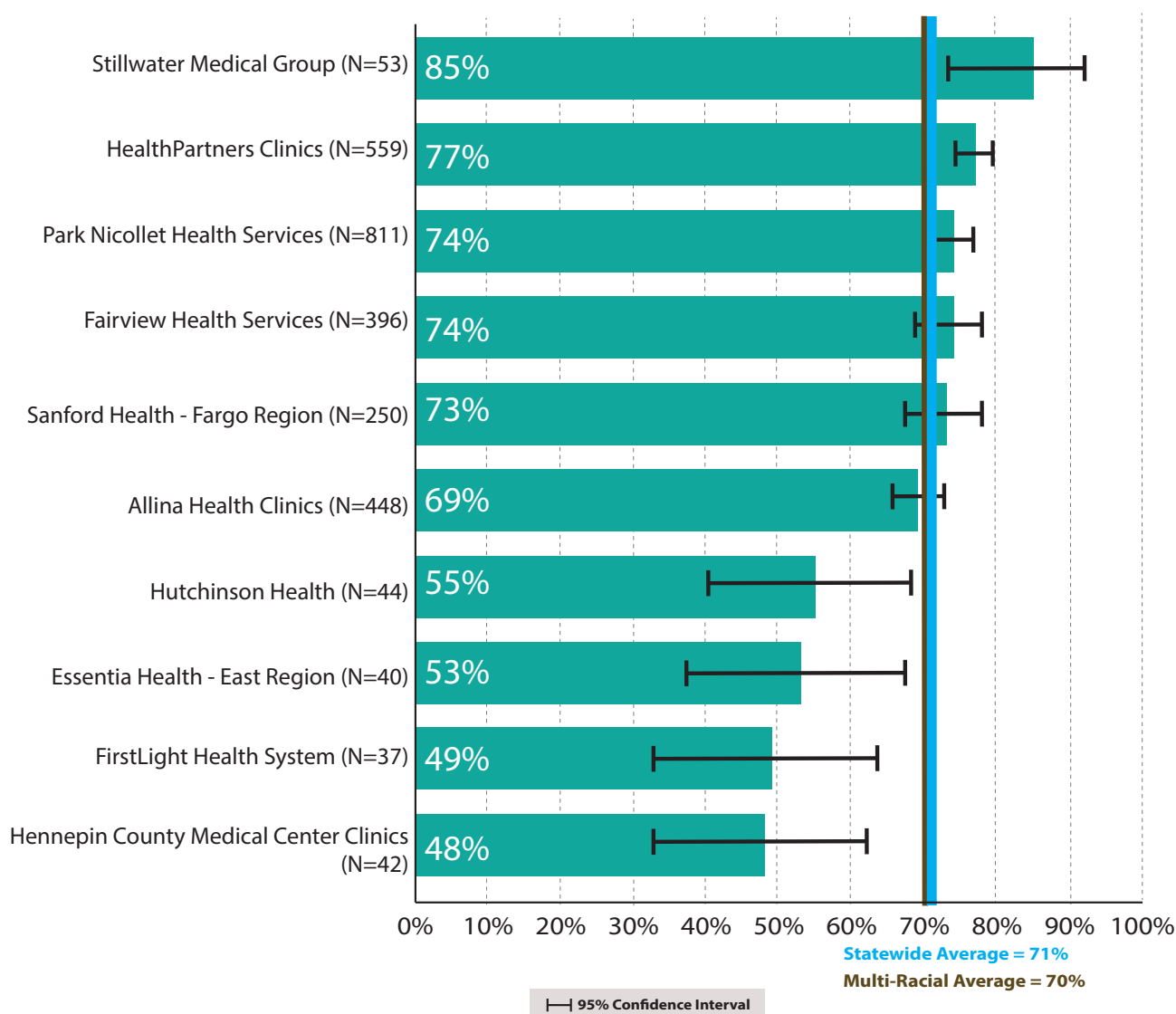


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Race

Figure 57 medical group results for Colorectal Cancer Screening for Multi-Racial patients. The Multi-Racial average is 70% compared to the overall statewide average at 71%. Stillwater Medical Group had the highest optimal care rate at 85%. There were two medical groups (Stillwater Medical Group and HealthPartners Clinics) with rates significantly above the overall statewide average. There were three medical groups (Stillwater Medical Group, HealthPartners Clinics and Park Nicollet Health Services) with screening rates significantly above the Multi-Racial average. There were four medical groups with a rate significantly below the Multi-Racial average.

FIGURE 57: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR MULTI-RACIAL PATIENTS

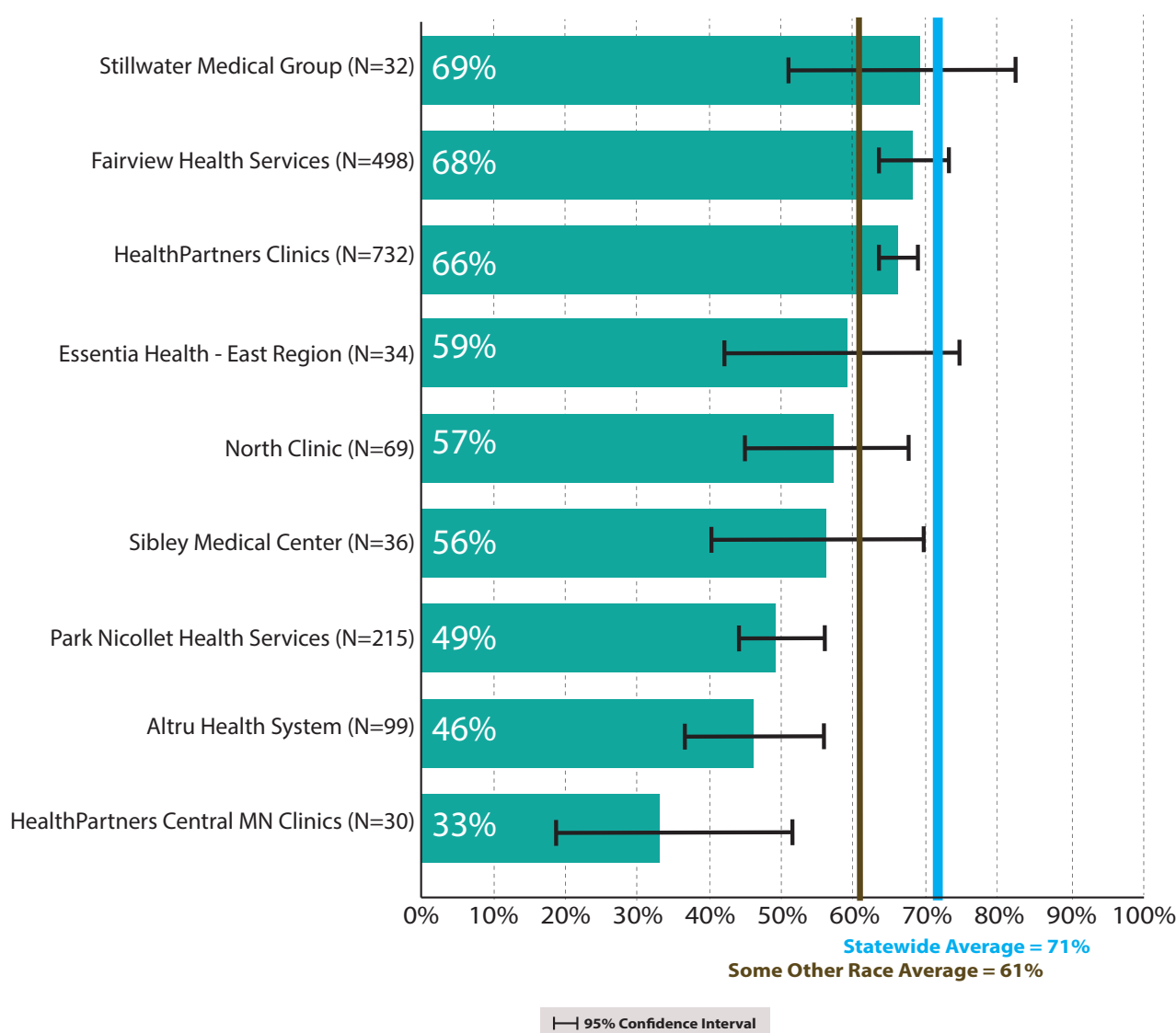


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Race

Figure 58 shows medical group results for Colorectal Cancer Screening for patients of Some Other Race. The Some Other Race average is 61% compared to the overall statewide average at 71%. Stillwater Medical Group had the highest rate at 69%. Three medical groups (Stillwater Medical Group, Fairview Health Services and Essentia Health – East Region) had rates that were not significantly different from the overall statewide average. There were two medical groups (Fairview Health Services and HealthPartners Clinics) with rates significantly above the Some Other Race average. There were three medical groups with screening rates significantly below the Some Other Race average.

FIGURE 58: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR PATIENTS OF SOME OTHER RACE

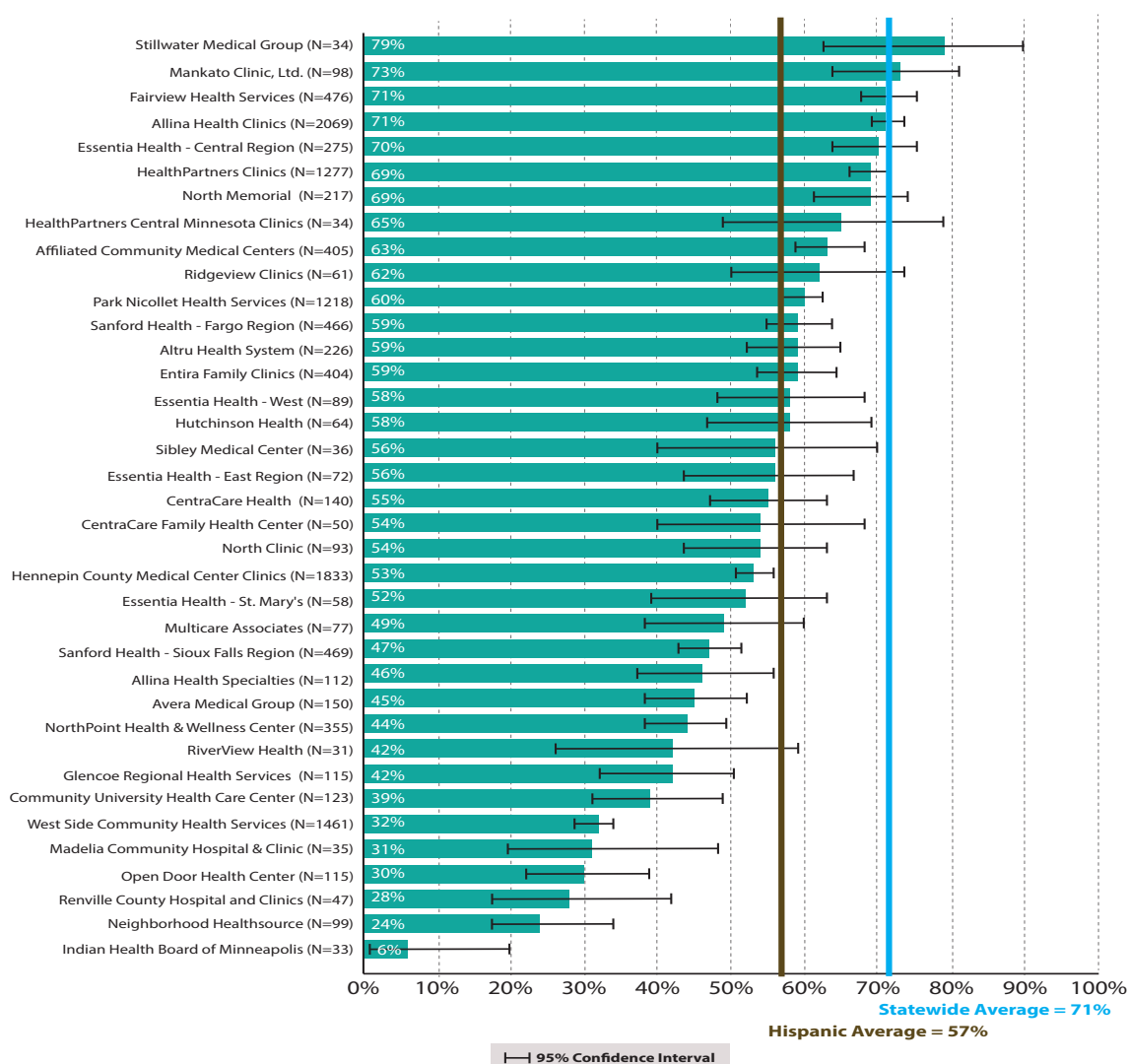


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Hispanic Ethnicity

Figure 59 shows medical group results for Colorectal Cancer Screening for Hispanic patients. The Hispanic average is 57% compared to the overall statewide average at 71%. Stillwater Medical Group had the highest rate at 79%. There were nine medical groups (Stillwater Medical Group, Mankato Clinic, Ltd., Fairview Health Services, Allina Health Clinics, Essentia Health - Central Region, HealthPartners Clinics, North Memorial, HealthPartners Central Minnesota Clinics and Ridgeview Clinics) with rates that were not significantly different from the overall statewide average. There were nine medical groups (Stillwater Medical Group, Mankato Clinic, Ltd., Fairview Health Services, Allina Health Clinics, Essentia Health - Central Region, HealthPartners Clinics, North Memorial, Affiliated Community Medical Centers and Park Nicollet Health Services) with rates significantly above the Hispanic average. There were 13 medical groups with a rate significantly below the Hispanic average.

FIGURE 59: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR HISPANIC ETHNICITY



MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Hispanic Ethnicity

Figure 60 shows medical group results for Colorectal Cancer Screening for Non-Hispanic patients. The Non-Hispanic average is 72% compared to the overall statewide average at 71%. Southdale Ob/Gyn Consultants had the highest rate at 89%. There were 19 medical groups with a screening rate significantly above the overall statewide average. There were 18 medical groups with a screening rate significantly above the Non-Hispanic average. There were 68 medical groups with a rate significantly below the Non-Hispanic average.

FIGURE 60: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY

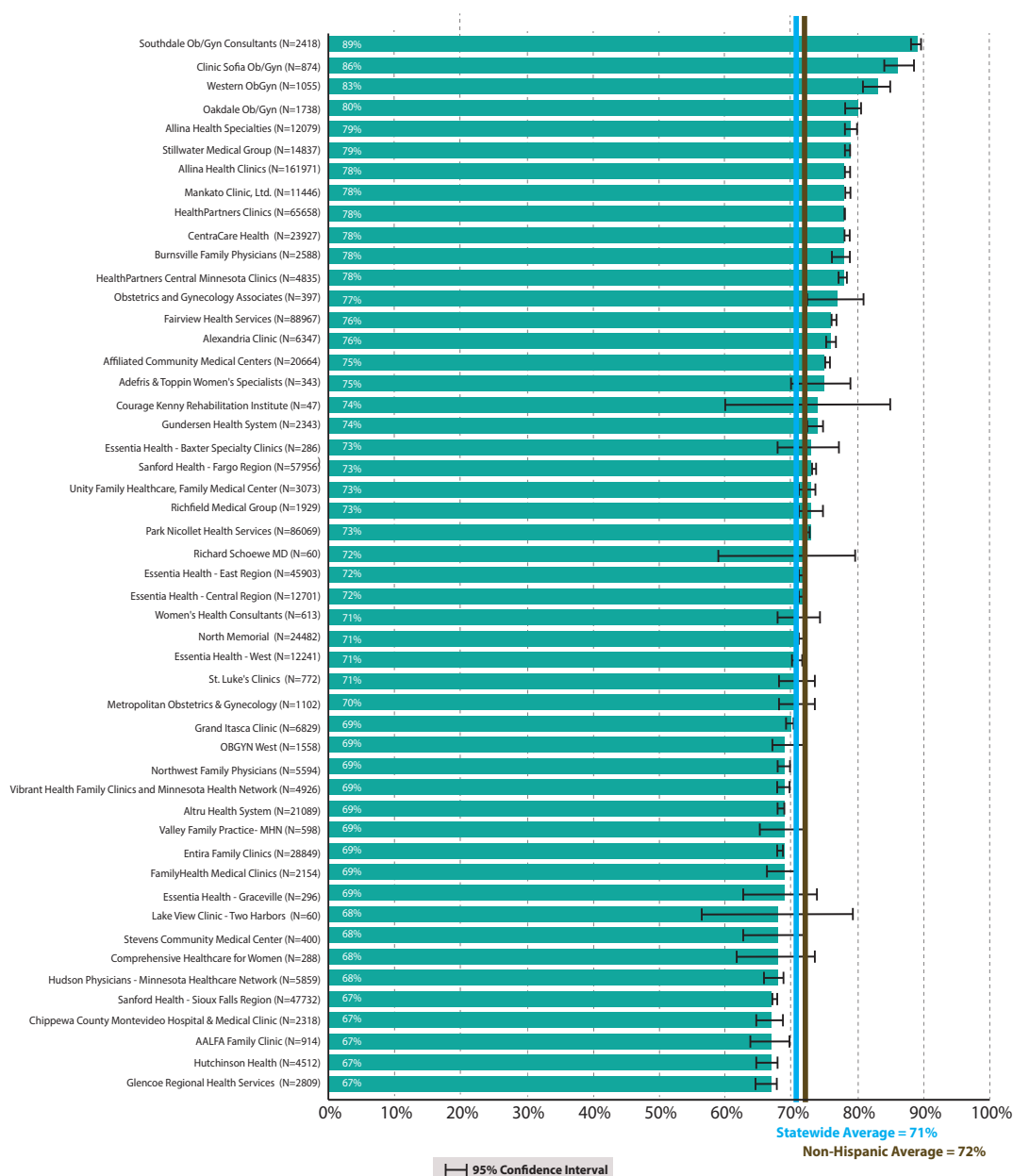
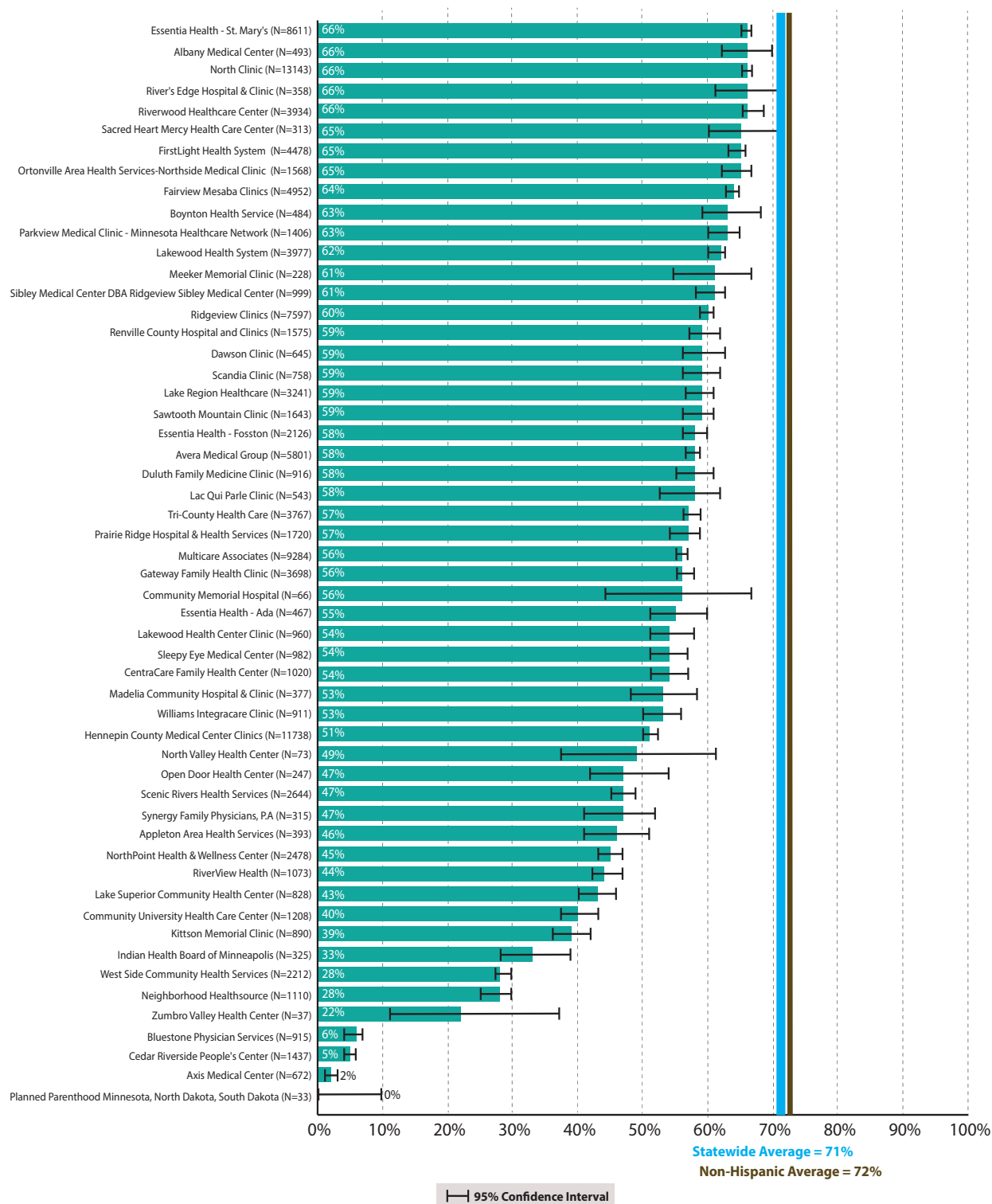


FIGURE 60: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR NON-HISPANIC ETHNICITY CONTINUED

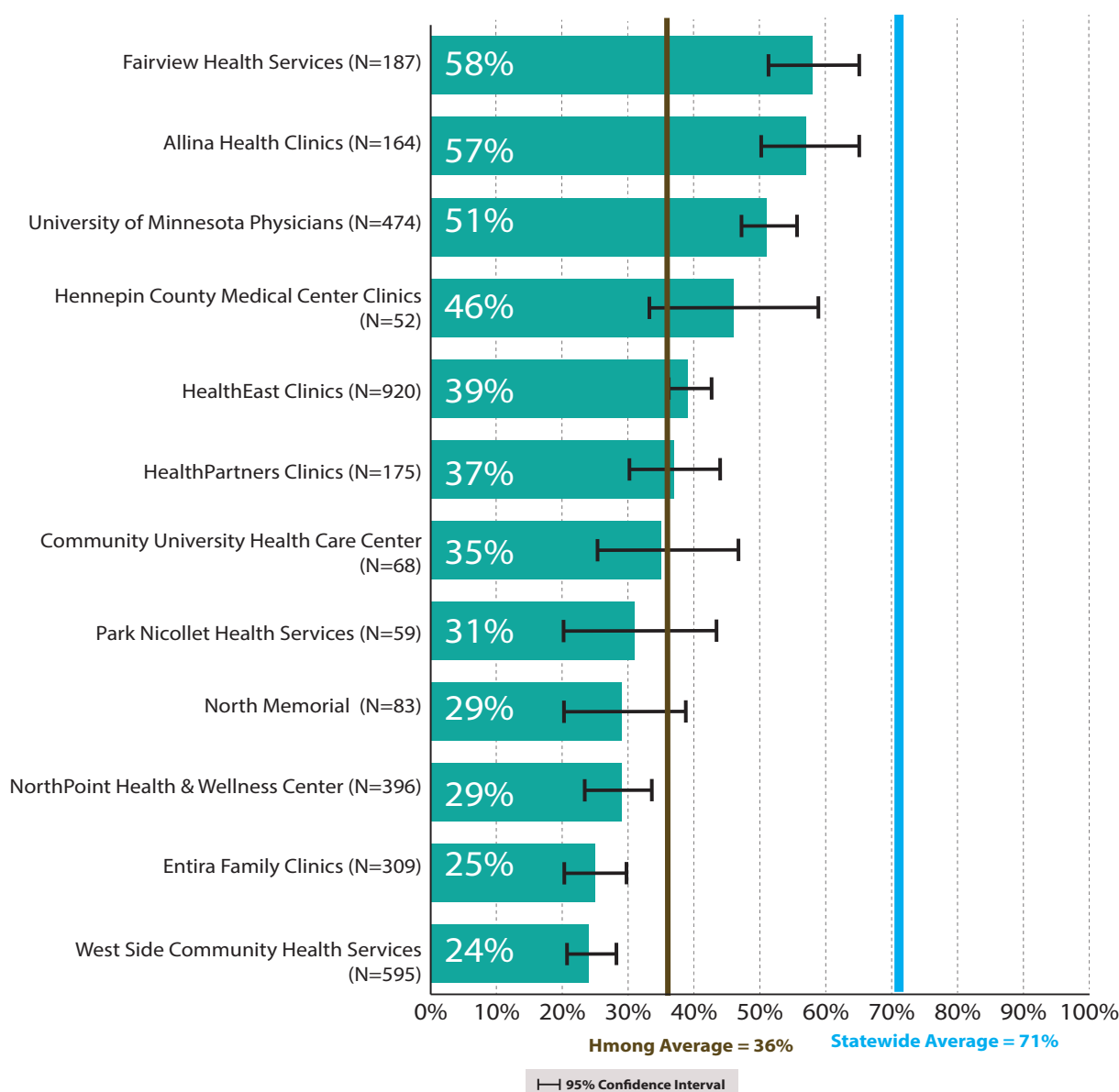


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Preferred Language

Figure 61 shows medical group results for Colorectal Cancer Screening for the Hmong preferred language group. The Hmong average is 36% compared to the overall statewide average at 71%. Fairview Health Services had the highest rate at 58%. There were no medical groups with rates significantly above the overall statewide average. There were three medical groups (Fairview Health Services, Allina Health Clinics and University of Minnesota Physicians) with rates significantly above the Hmong average. There were three medical groups with screening rates significantly below the Hmong average.

FIGURE 61: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR HMONG

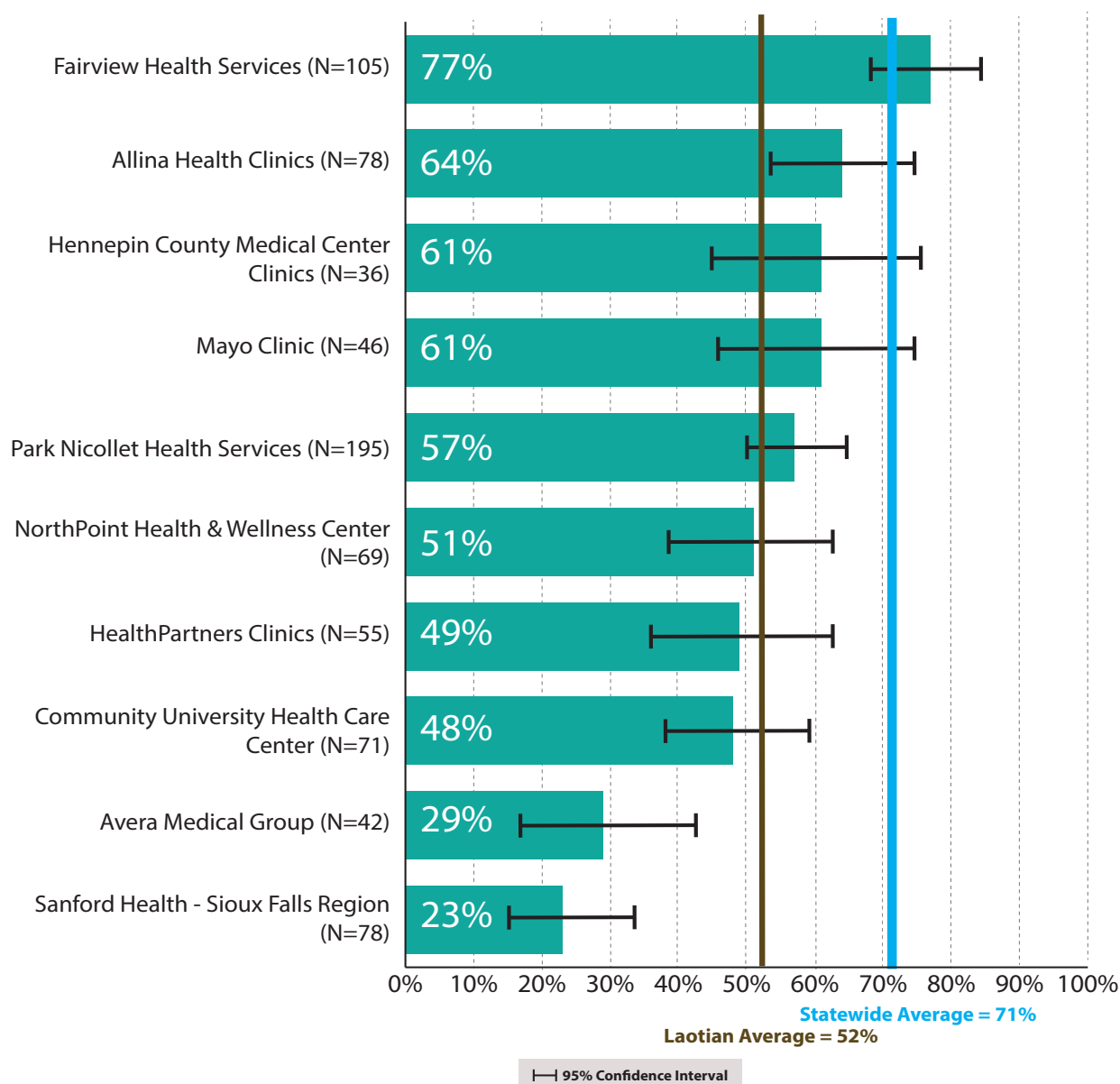


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Preferred Language

Figure 62 shows medical group results for Colorectal Cancer Screening for the Laotian preferred language group. The Laotian average is 52% compared to the overall statewide average at 71%. Fairview Health Services had the highest rate at 77%. There were four medical groups (Fairview Health Services, Allina Health Clinics, Hennepin County Medical Center Clinics and Mayo Clinic) with rates that were not significantly different from the overall statewide average. There were two medical groups (Fairview Health Services and Allina Health Clinics) with rates significantly above the Laotian average. There were two medical groups with rates significantly below the Laotian average.

FIGURE 62: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR LAOTIAN

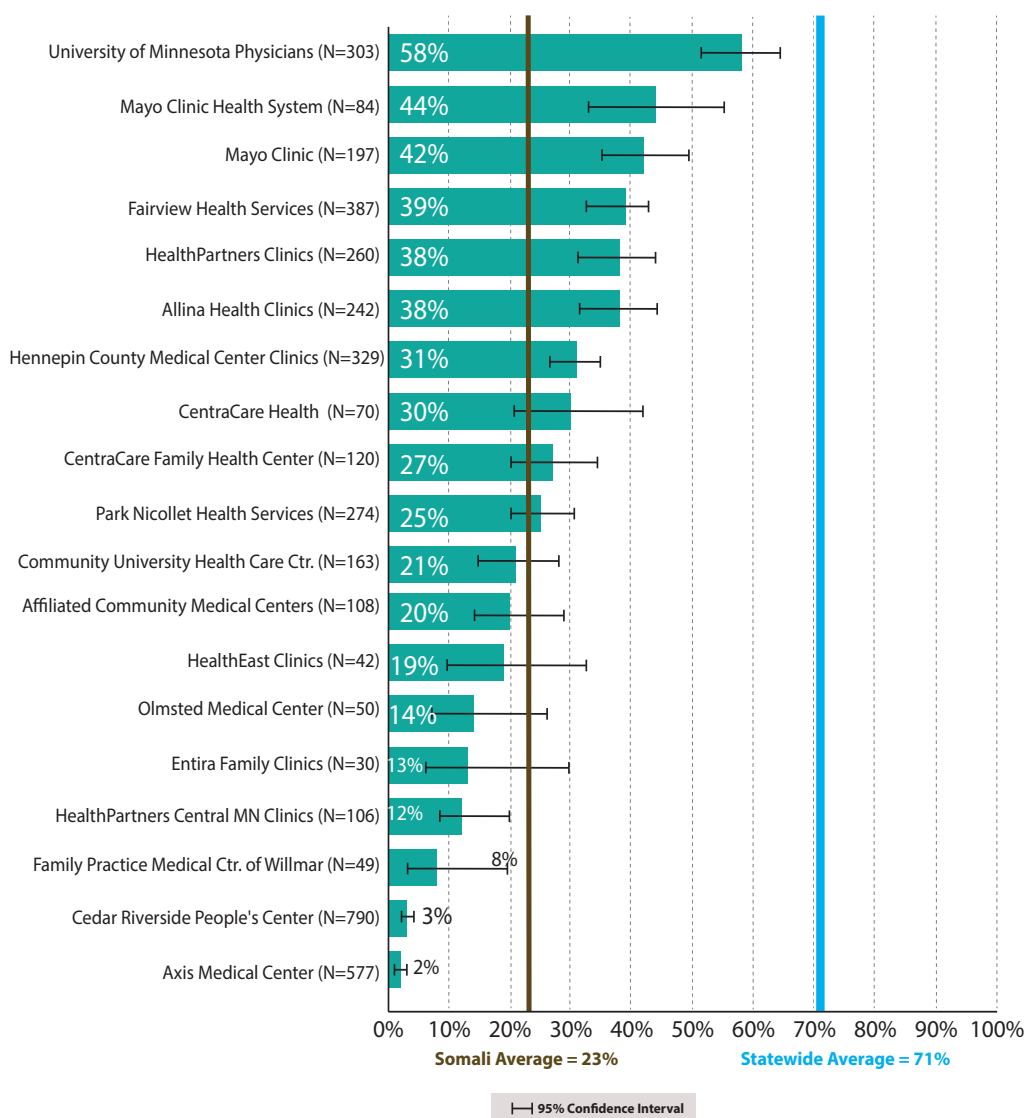


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Preferred Language

Figure 63 shows medical group results for Colorectal Cancer Screening for the Somali preferred language group. The Somali average is 23% compared to the overall statewide average at 71%. University of Minnesota Physicians had the highest rate at 58%. All medical groups had a rate significantly below the overall statewide average. There were seven medical groups (University of Minnesota Physicians, Mayo Clinic Health System, Mayo Clinic, Fairview Health Services, HealthPartners Clinics, Allina Health Clinics and Hennepin County Medical Center Clinics) with optimal care rates significantly above the Somali average. There were four medical groups with rates significantly below the Somali average.

FIGURE 63: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR SOMALI

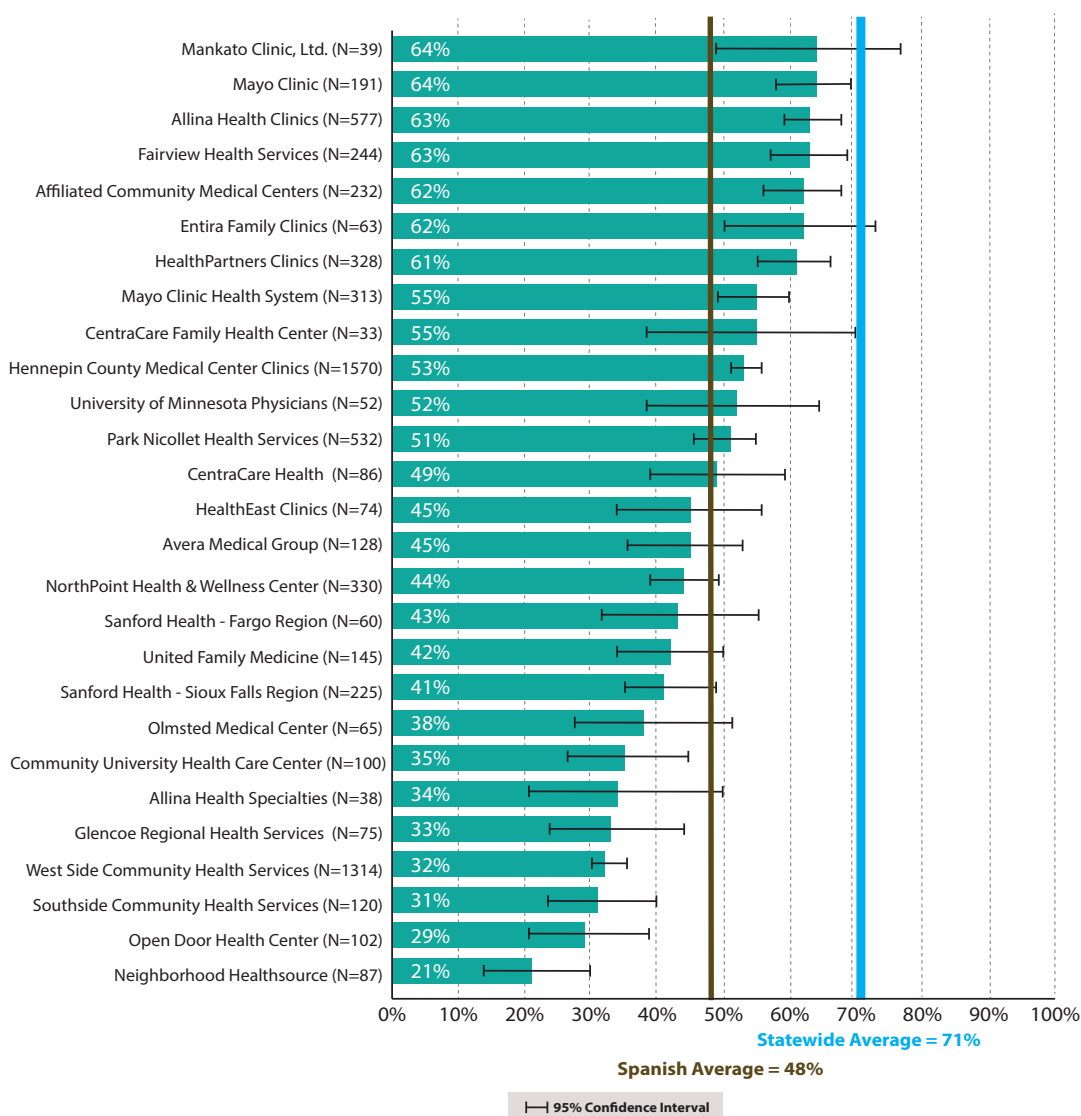


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Preferred Language

Figure 64 shows medical group results for Colorectal Cancer Screening for the Spanish preferred language group. The Spanish average is 48% compared to the overall statewide average at 71%. Mankato Clinic, Ltd. and Mayo Clinic had the highest rate at 64%. There were two medical groups (Mankato Clinic, Ltd. and Entira Family Clinics) with rates that were not statistically different from the overall statewide average. There were nine medical groups (Mankato Clinic, Ltd., Mayo Clinic, Allina Health Clinics, Fairview Health Services, Affiliated Community Medical Centers, Entira Family Clinics, HealthPartners Clinics, Mayo Clinic Health System and Hennepin County Medical Center Clinics) with rates significantly above the Spanish average. There were six medical groups with screening rates significantly below the Spanish average.

FIGURE 64: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR SPANISH

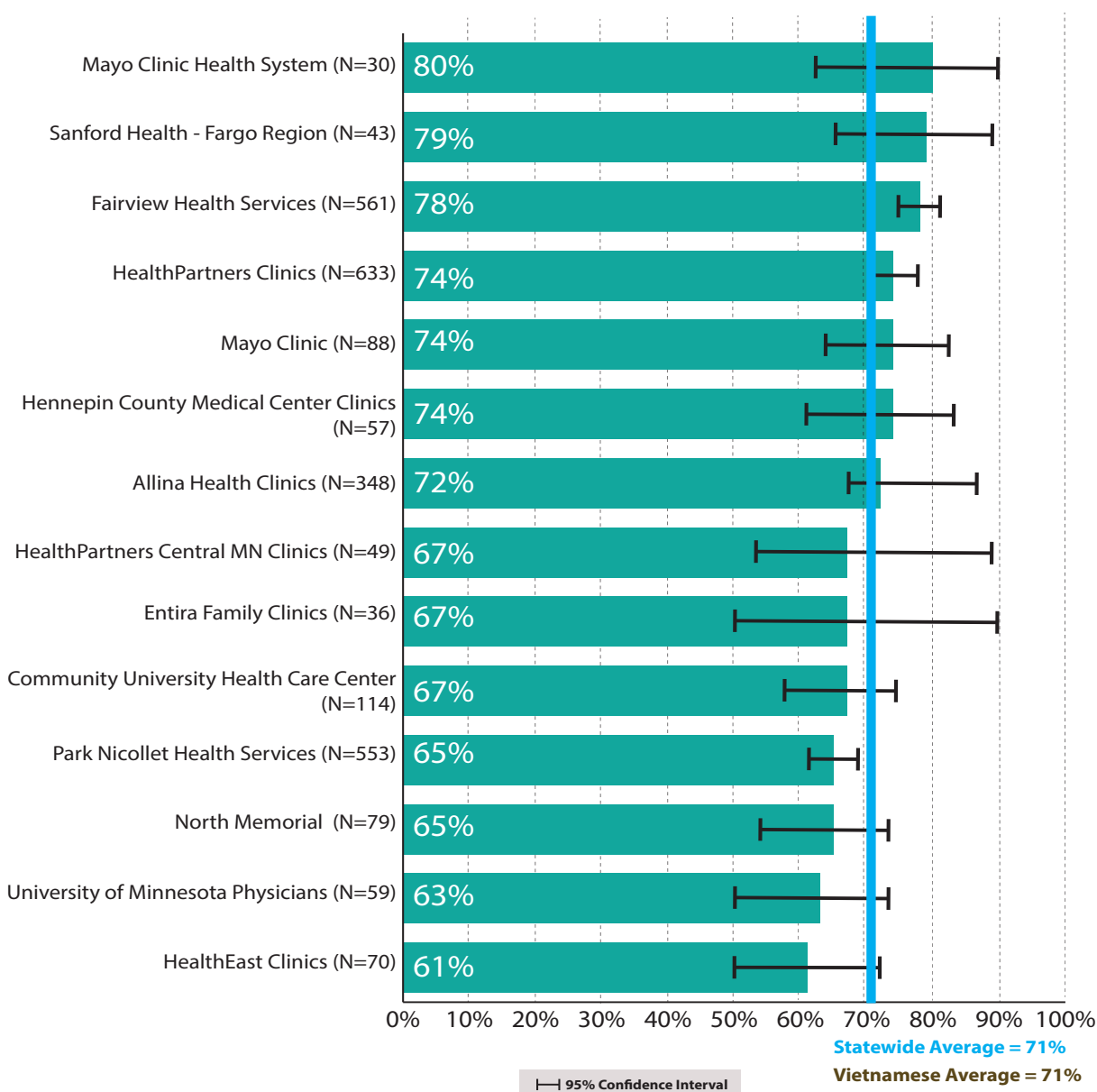


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Preferred Language

Figure 65 shows medical group results for Colorectal Cancer Screening for the Vietnamese preferred language group. The Vietnamese average is 71% compared to the overall statewide average at 71%. Mayo Clinic Health System had the highest rate at 80%. There was one medical group (Fairview Health Services) with a screening rate significantly above both the Vietnamese and overall statewide average. There was one medical group with a rate significantly below the Vietnamese average.

FIGURE 65: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR VIETNAMESE

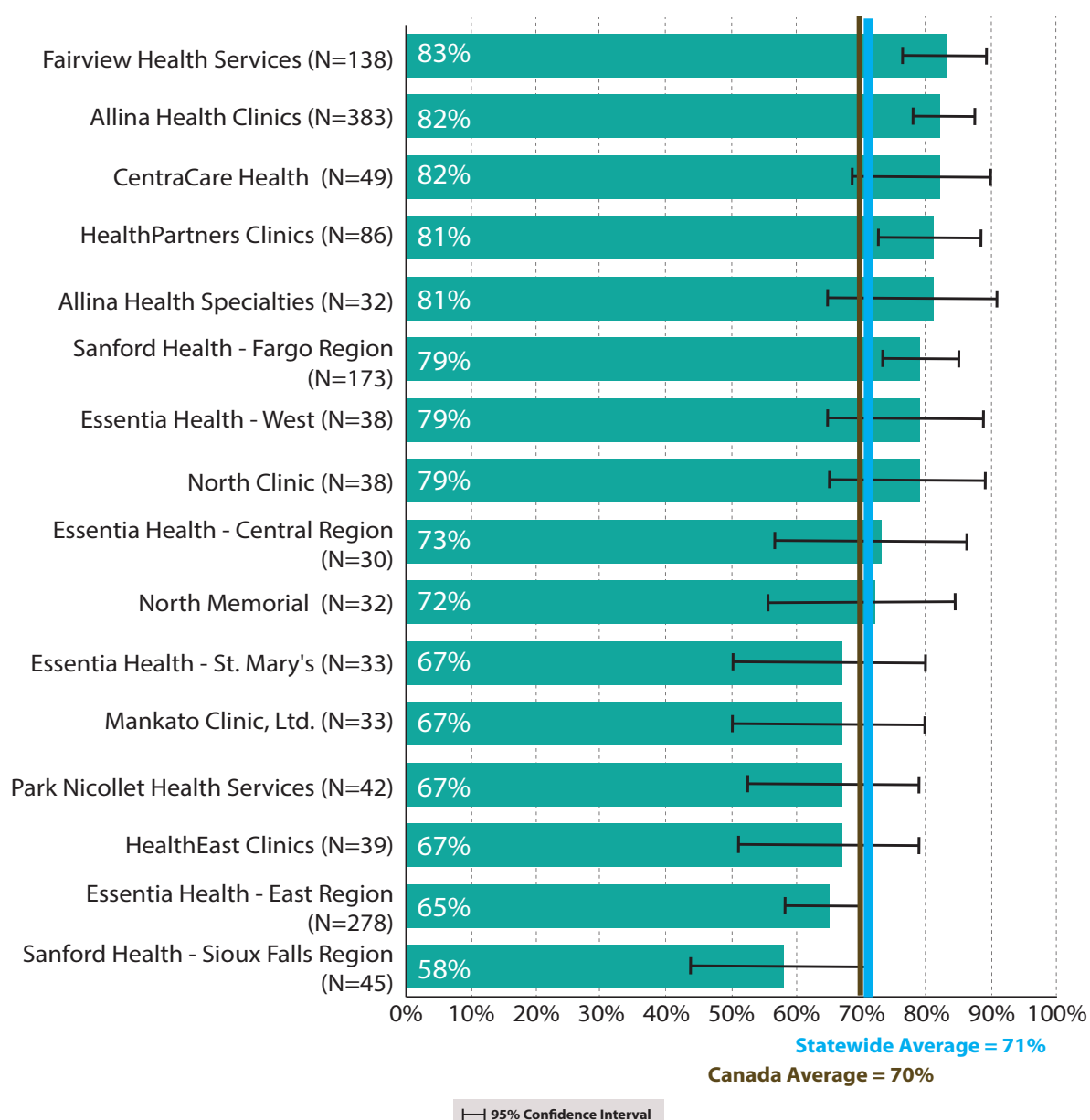


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 66 shows medical group results for Colorectal Cancer Screening for the Canada country of origin group. The Canada average is 70% compared to the overall statewide average at 71%. Fairview Health Services had the highest rate at 83%. There were four medical groups (Fairview Health Services, Allina Health Clinics, HealthPartners Clinics and Sanford Health - Fargo Region) with screening rates significantly above both the Canada and overall statewide averages. There was one medical group with a screening rate significantly below the Canada average.

FIGURE 66: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR CANADA

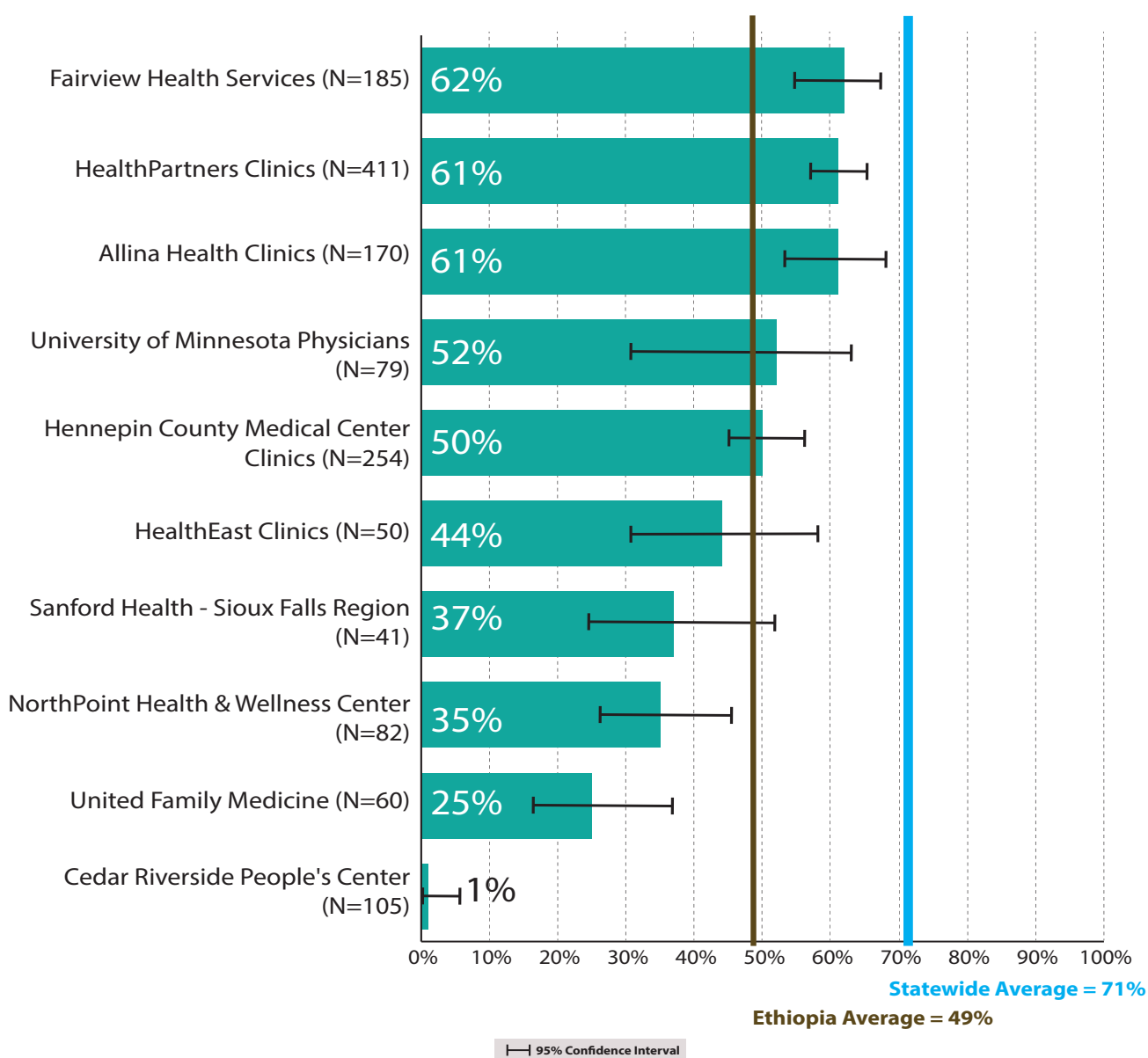


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 67 shows medical group results for Colorectal Cancer Screening for the Ethiopia country of origin group. The Ethiopia average is 49% compared to the overall statewide average at 71%. Fairview Health Services had the highest rate at 62%. There were no medical groups with a rate significantly above the overall statewide average. There were three medical groups (Fairview Health Services, HealthPartners Clinics and Allina Health Clinics) with rates significantly above the Ethiopia average. There were three medical groups with rates significantly below the Ethiopia average.

FIGURE 67: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR ETHIOPIA

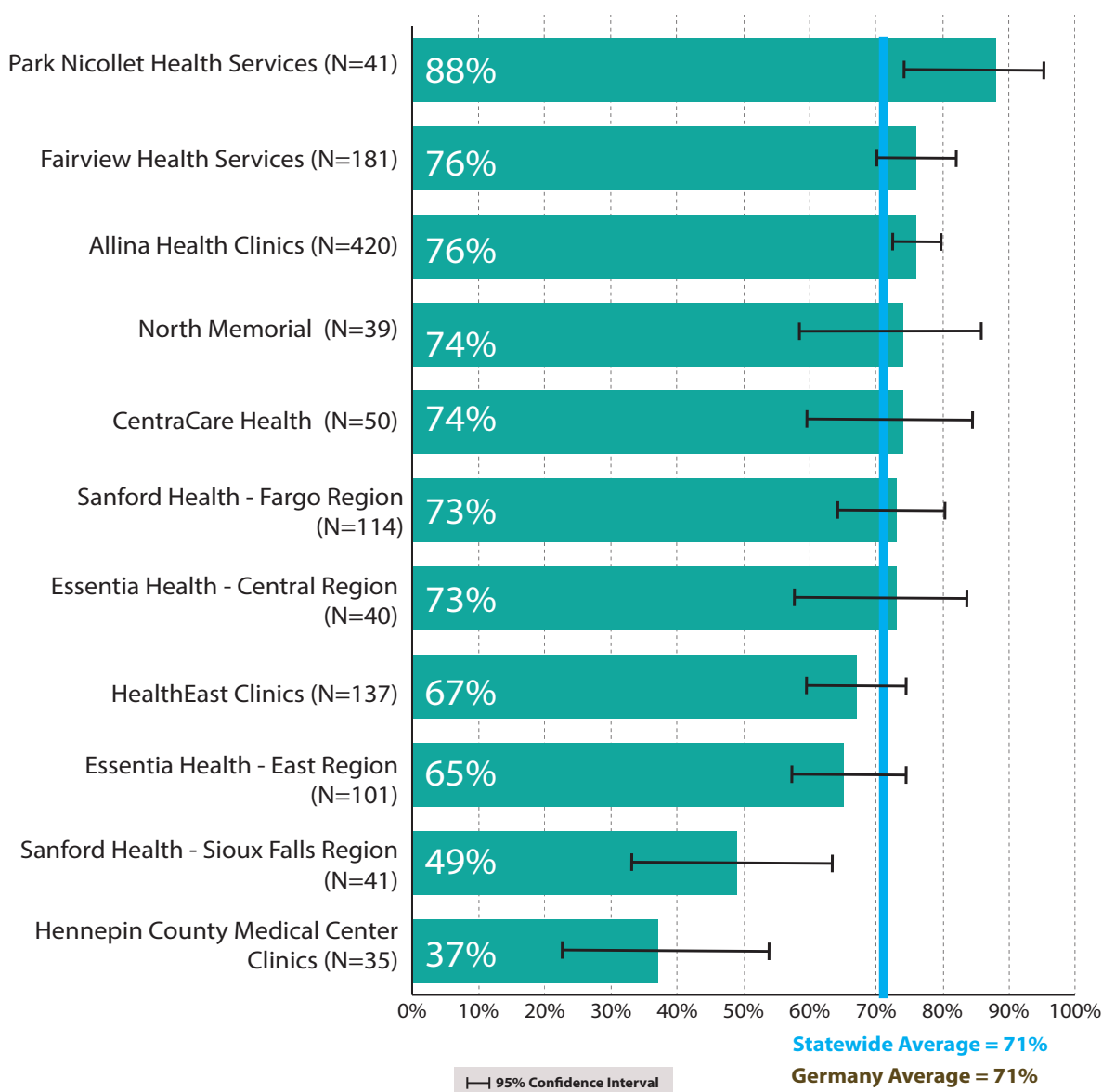


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 68 shows medical group results for Colorectal Cancer Screening for the Germany country of origin group. The Germany average is at 71% compared to the overall statewide average at 71%. Park Nicollet Health Services had the highest rate at 88%. There were two medical groups (Park Nicollet Health Services and Allina Health Clinics) with screening rates significantly above both the Germany and overall statewide averages. There were two medical groups with rates significantly below the Germany average.

FIGURE 68: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR GERMANY

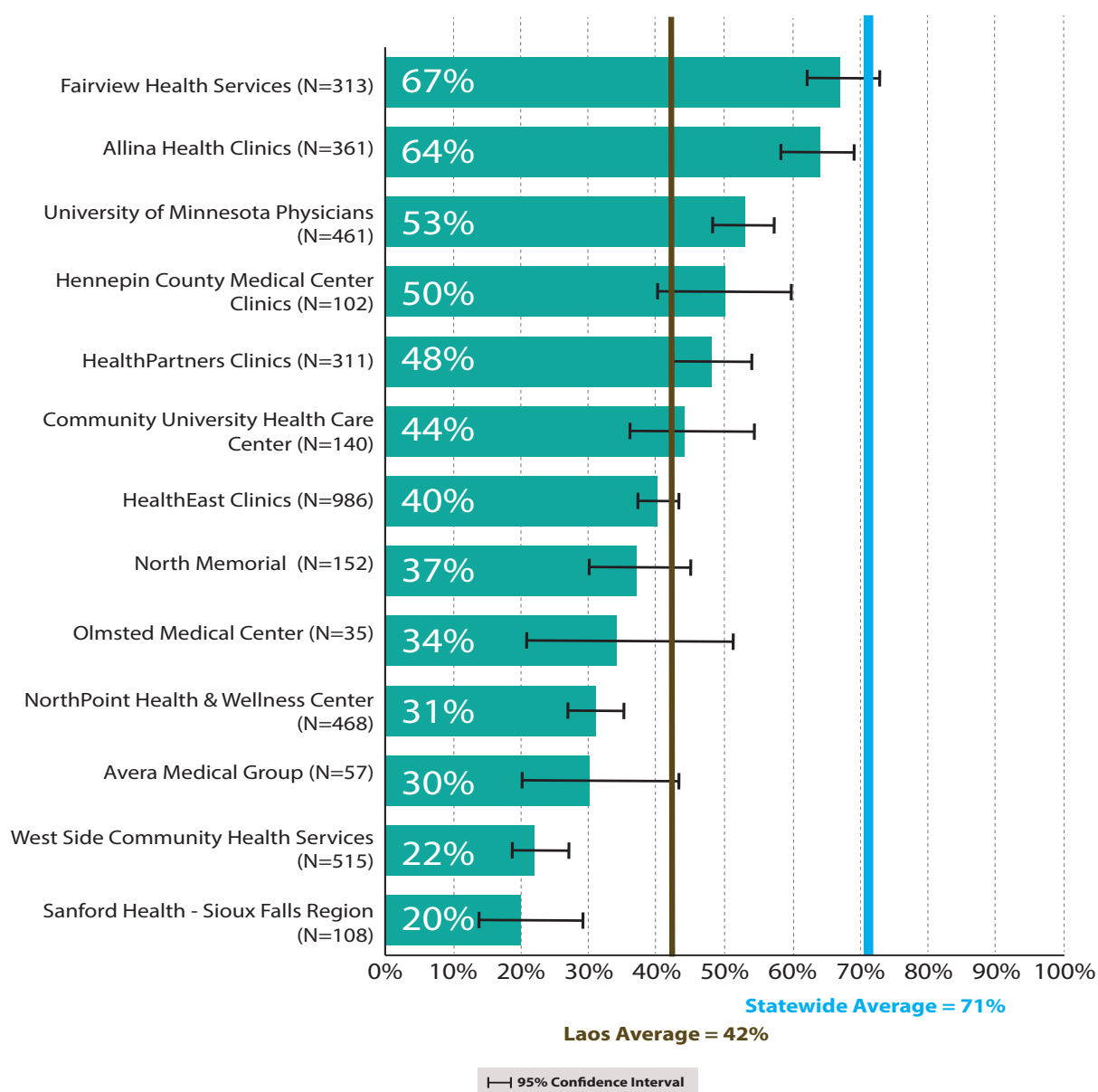


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 69 shows medical group results for Colorectal Cancer Screening for the Laos country of origin group. The Laos average is 42% compared to the overall statewide average at 71%. Fairview Health Services had the highest rate at 67% and was the only medical group with a rate that was not significantly below the overall statewide average. There were three medical groups (Fairview Health Services, Allina Health Clinics and University of Minnesota Physicians) that had rates significantly above the Laos average. There were three medical groups with screening rates significantly below the Laos average.

FIGURE 69: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR LAOS

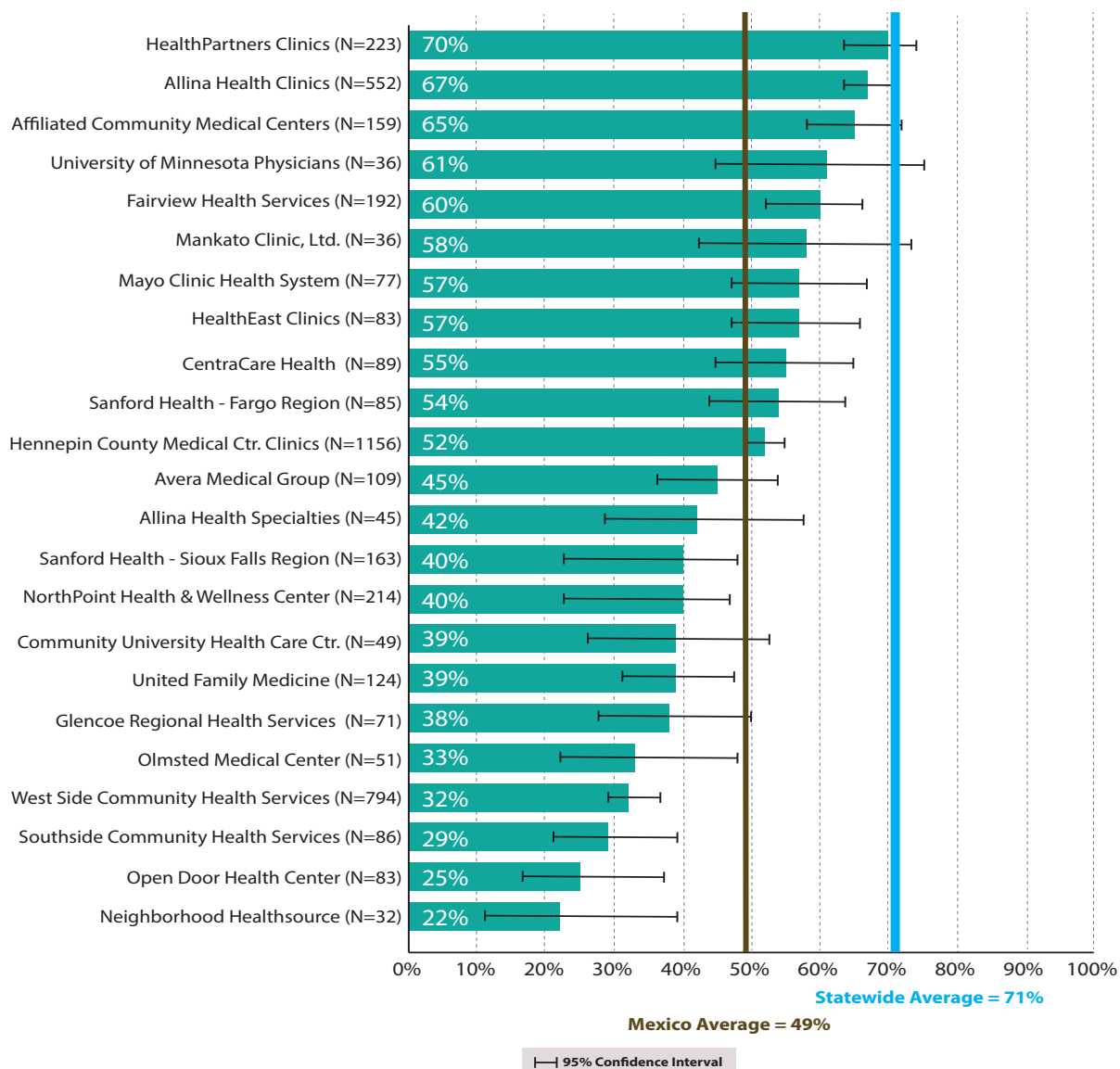


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 70 shows medical group results for Colorectal Cancer Screening for the Mexico country of origin group. The Mexico average is 49% compared to the overall statewide average at 71%. HealthPartners Clinics had the highest rate at 70%. There were four medical groups (HealthPartners Clinics, Affiliated Community Medical Centers, University of Minnesota Physicians and Mankato Clinic, Ltd.) with rates that were not significantly different from the overall statewide average. There were four medical groups (HealthPartners Clinics, Allina Health Clinics, Affiliated Community Medical Centers and Fairview Health Services) with rates significantly above the Mexico average. There were eight medical groups with rates significantly below the Mexico average.

FIGURE 70: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR MEXICO

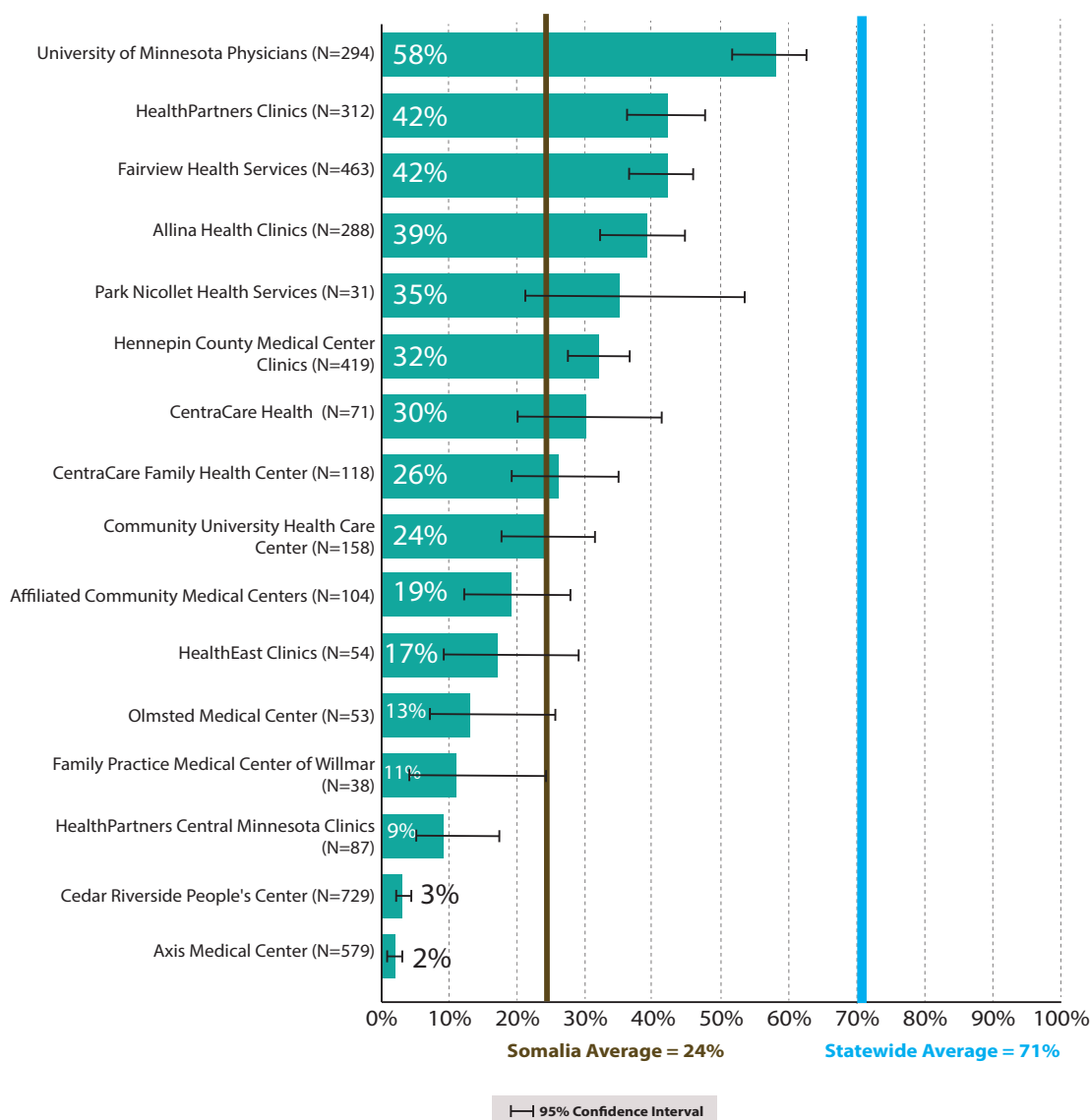


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 70 shows medical group results for Colorectal Cancer Screening for the Somalia country of origin group. The Somalia average is 24% compared to the overall statewide average at 71%. University of Minnesota Physicians had the highest rate at 58%. There were no medical groups with a screening rate significantly above the overall statewide average. There were five medical groups (University of Minnesota Physicians, HealthPartners Clinics, Fairview Health Services, Allina Health Clinics and Hennepin County Medical Center Clinics) with rates significantly above the Somalia average. There were three medical groups with screening rates significantly below the Somalia average.

FIGURE 71: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR SOMALIA

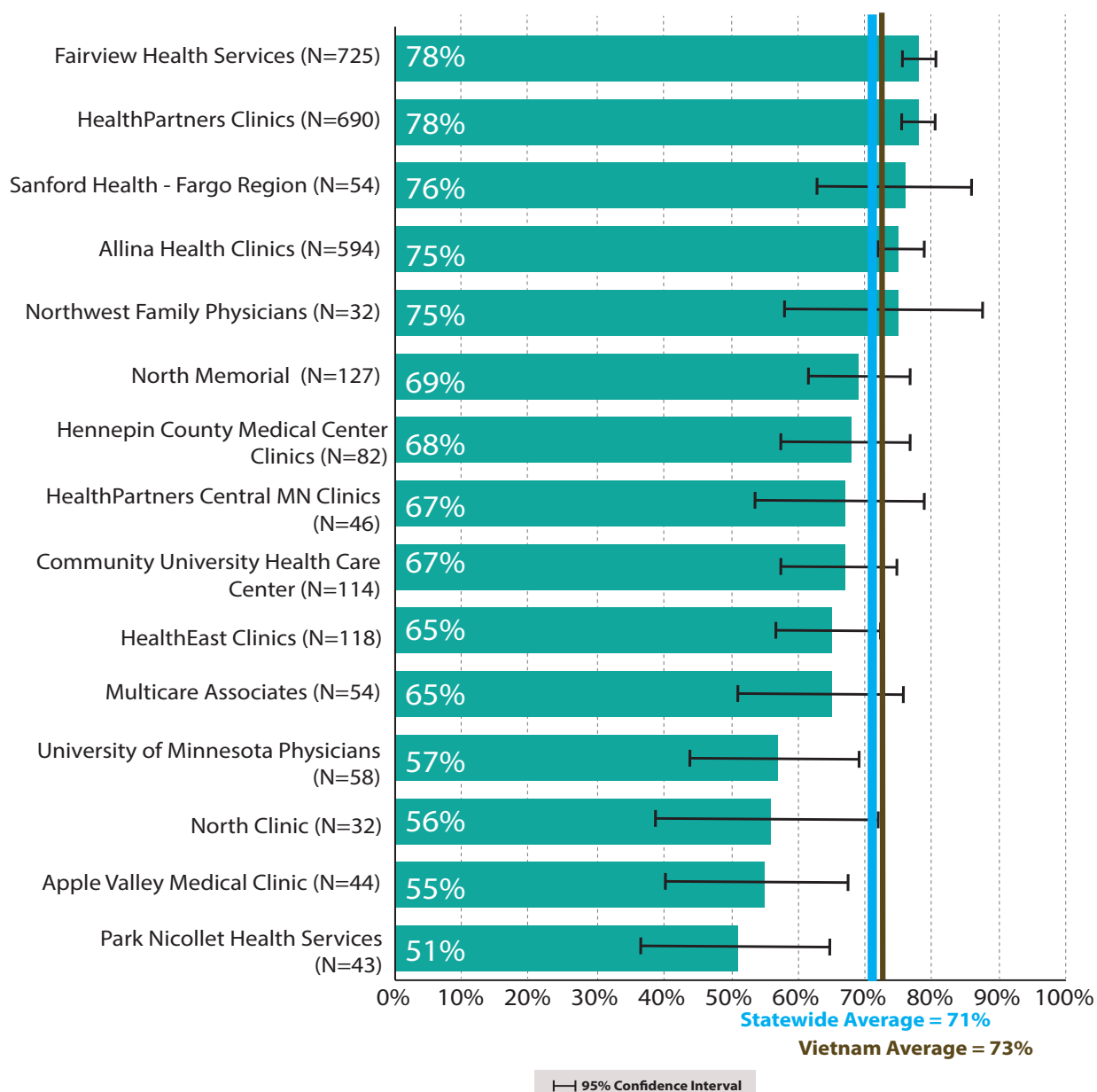


MEDICAL GROUP RESULTS

Colorectal Cancer Screening by Country of Origin

Figure 72 shows medical group results for Colorectal Cancer Screening for the Vietnam country of origin group. The Vietnam average is 73% compared to the overall statewide average at 71%. Fairview Health Services and HealthPartners Clinics had the highest rate at 78%. There were three medical groups (Fairview Health Services, HealthPartners Clinics and Allina Health Clinics) with rates significantly above the overall statewide average. There were two medical groups (Fairview Health Services and HealthPartners Clinics) with screening rates significantly above the Vietnam average. There were four medical groups with rates significantly below the Vietnam average.

FIGURE 72: STATEWIDE RATES FOR COLORECTAL CANCER SCREENING BY MEDICAL GROUP FOR VIETNAM



Please see next page.

Table 1: Optimal Diabetes Care (Medical Group Results) by Race

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	245,241	53.5%	2,969	31.2%	6,453	58.6%	14,575	41.0%	932	47.7%
AALFA Family Clinic	138	57.2%								
Advanced Medical Clinic	60	16.7%								
Affiliated Community Medical Centers	4,072	56.3%	87	33.3%			67	44.8%		
Albany Medical Center	158	50.6%								
Alexandria Clinic	1,286	50.2%								
Allina Health Clinics	33,776	62.9%	279	50.5%	1,002	69.3%	1,958	52.5%	196	42.3%
Allina Health Specialties	1,815	55.2%					43	48.8%		
Altru Health System	4,822	47.0%	162	20.4%	40	50.0%	39	25.6%		
Apple Valley Medical Clinic	1,150	60.3%								
Appleton Area Health Services	98	45.9%								
Avera Medical Group	1,120	46.4%								
Axis Medical Center	199	43.7%					192	44.3%		
Boynton Health Service	92	45.7%								
Burnett Medical Center	263	35.0%								
Burnsville Family Physicians	302	56.3%								
Catalyst Medical Clinic	60	71.7%								
Cedar Riverside People's Center	473	30.0%					407	31.4%		
CentraCare Family Health Center	413	36.3%					88	30.7%		
CentraCare Health	5,265	55.0%			36	55.6%	112	36.6%		
Chippewa County Montevideo Hosp. & Med. Clinic	452	50.9%								
Community University Health Care Center	576	39.6%			145	46.9%	203	31.5%		
Cuyuna Regional Medical Center	165	51.7%								
Dawson Clinic	144	48.6%								
Duluth Family Medicine Clinic	250	35.2%								
Edina Sports Health & Wellness	125	65.6%								
Endocrinology Clinic of Mpls.	80	36.3%								
Entira Family Clinics	5,358	61.9%			242	60.7%	142	54.2%		
Essentia Health - Ada	84	47.6%								
Essentia Health - Central Region	2,501	54.3%	30	26.7%						
Essentia Health - East Region	10,092	54.5%	329	32.5%	33	78.8%	114	35.1%		
Essentia Health - Fosston	436	46.6%								
Essentia Health - Graceville	46	45.7%								
Essentia Health - St. Mary's	1,662	54.0%	87	25.3%						
Essentia Health - West	3,004	53.4%	47	31.9%			41	36.6%		
Fairview Health Services	18,343	55.2%	166	42.2%	791	62.5%	1,438	48.1%		
Fairview Mesaba Clinics	1,003	48.7%								
Family Practice Medical Center of Willmar	623	57.5%								
FamilyHealth Medical Clinics	313	32.3%								
FirstLight Health System	955	51.7%								
France Avenue Family Physicians - MHN	385	61.3%								
Gateway Family Health Clinic	784	46.6%								
Glencoe Regional Health Services	751	50.5%								
Glenwood Medical Center	228	40.8%								
Grand Itasca Clinic	1,302	41.7%								
Gundersen Health System	155	58.7%								
HealthEast Clinics	6,326	52.7%								
HealthPartners Central Minnesota Clinics	1,001	54.0%			39	69.2%	59	54.2%		
HealthPartners Clinics	15,421	55.7%	132	34.1%	983	61.0%	2,487	46.2%	206	50.5%
Hennepin County Medical Center Clinics	5,654	34.6%	139	20.1%	193	45.1%	2,247	25.4%		
Hudson Physicians - MN Healthcare Network	1,003	52.0%								
Hutchinson Health	1,246	44.1%								
Indian Health Board of Minneapolis	282	25.2%	211	22.7%			30	23.3%		
Integrity Health Network	4,417	51.2%								
Kittson Memorial Clinic	145	37.2%								
Lac Qui Parle Clinic	70	45.7%								
Lake City Family Physicians PC	60	55.0%								
Lake Region Healthcare	886	38.3%								
Lake Superior Community Health Center	215	32.1%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 1: Optimal Diabetes Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	245,24	53.5%	294	48.0%	772	53.4%	103	48.5%	172,551	56.0%
AALFA Family Clinic	138	57.2%							127	56.7%
Advanced Medical Clinic	60	16.7%								
Affiliated Community Medical Centers	4,072	56.3%							3,888	57.0%
Albany Medical Center	158	50.6%								
Alexandria Clinic	1,286	50.2%							1,270	50.3%
Allina Health Clinics	33,776	62.9%	67	56.7%					29,416	63.6%
Allina Health Specialties	1,815	55.2%							1,719	55.4%
Altru Health System	4,822	47.0%			32	37.5%			4,351	48.6%
Apple Valley Medical Clinic	1,150	60.3%								
Appleton Area Health Services	98	45.9%							89	47.2%
Avera Medical Group	1,120	46.4%								
Axis Medical Center	199	43.7%								
Boynton Health Service	92	45.7%							58	48.3%
Burnett Medical Center	263	35.0%								
Burnsville Family Physicians	302	56.3%							276	55.8%
Catalyst Medical Clinic	60	71.7%							31	67.7%
Cedar Riverside People's Center	473	30.0%							48	14.6%
CentraCare Family Health Center	413	36.3%							275	39.6%
CentraCare Health	5,265	55.0%							4,983	55.7%
Chippewa County Montevideo Hosp. & Med. Clinic	452	50.9%							417	51.6%
Community University Health Care Center	576	39.6%							175	46.3%
Cuyuna Regional Medical Center	165	51.7%								
Dawson Clinic	144	48.6%								
Duluth Family Medicine Clinic	250	35.2%							200	37.0%
Edina Sports Health & Wellness	125	65.6%								
Endocrinology Clinic of Mpls.	80	36.3%							46	39.1%
Entira Family Clinics	5,358	61.9%							4,519	62.7%
Essentia Health - Ada	84	47.6%							75	50.7%
Essentia Health - Central Region	2,501	54.3%							2,437	54.8%
Essentia Health - East Region	10,092	54.5%			33	60.6%			9,513	55.4%
Essentia Health - Fosston	436	46.6%							410	48.5%
Essentia Health - Graceville	46	45.7%							45	44.4%
Essentia Health - St. Mary's	1,662	54.0%							1,533	55.7%
Essentia Health - West	3,004	53.4%							2,811	54.1%
Fairview Health Services	18,343	55.2%	32	37.5%	192	53.1%			14,932	55.7%
Fairview Mesaba Clinics	1,003	48.7%							973	48.9%
Family Practice Medical Center of Willmar	623	57.5%								
FamilyHealth Medical Clinics	313	32.3%							284	31.7%
FirstLight Health System	955	51.7%							910	52.4%
France Avenue Family Physicians - MHN	385	61.3%								
Gateway Family Health Clinic	784	46.6%								
Glencoe Regional Health Services	751	50.5%							740	50.9%
Glenwood Medical Center	228	40.8%								
Grand Itasca Clinic	1,302	41.7%							1,260	42.5%
Gundersen Health System	155	58.7%							155	58.7%
HealthEast Clinics	6,326	52.7%								
HealthPartners Central Minnesota Clinics	1,001	54.0%							867	53.7%
HealthPartners Clinics	15,421	55.7%			243	56.8%			10,391	58.0%
Hennepin County Medical Center Clinics	5,654	34.6%							1,373	37.2%
Hudson Physicians - MN Healthcare Network	1,003	52.0%							972	52.8%
Hutchinson Health	1,246	44.1%							1,206	44.6%
Indian Health Board of Minneapolis	282	25.2%							38	36.8%
Integrity Health Network	4,417	51.2%								
Kittson Memorial Clinic	145	37.2%							139	38.1%
Lac Qui Parle Clinic	70	45.7%							69	46.4%
Lake City Family Physicians PC	60	55.0%								
Lake Region Healthcare	886	38.3%							842	38.6%
Lake Superior Community Health Center	215	32.1%							186	33.9%

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 1: Optimal Diabetes Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	245,241	53.5%	2,969	31.2%	6,453	58.6%	14,575	41.0%	932	47.7%
Lake View Clinic - Two Harbors	257	45.1%								
Lakewood Health Center Clinic	206	35.4%								
Lakewood Health System	721	48.4%								
Life Medical	62	32.3%								
Madelia Community Hospital & Clinic	73	47.9%								
Mankato Clinic, Ltd.	2,243	57.8%					55	50.9%		
Mayo Clinic	7,572	49.8%								
Mayo Clinic Health System	12,101	54.5%								
Mille Lacs Health System	60	18.3%								
Multicare Associates	1,936	53.7%			68	55.9%	57	47.4%		
Murray County Clinic	151	48.3%								
Native American Community Clinic	60	36.7%								
Neighborhood Healthsource	438	30.1%	34	20.6%			180	30.0%		
New Hope Crystal Medical Clinic	155	29.0%								
North Clinic	2,528	41.5%			73	43.8%	240	29.2%		
North Memorial	4,467	56.8%			197	65.5%	403	44.4%		
North Valley Health Center	106	35.8%								
NorthPoint Health & Wellness Center	1,140	30.7%			186	36.6%	593	25.3%		
Northwest Family Physicians	1,319	49.6%			52	65.4%	91	36.3%		
Olmsted Medical Center	2,647	48.6%								
Open Cities Health Center	436	28.2%								
Open Door Health Center	168	25.6%								
Ortonville Area Health Svcs-Northside Med.Clinic	332	53.0%								
Park Nicollet Health Services	18,116	62.5%	93	43.0%	1,060	65.8%	1,786	51.0%	170	63.5%
Parkview Medical Clinic MN Healthcare Network	177	27.7%								
Parkway Family Physicians-MN Healthcare Ntwk.	81	38.3%								
Prairie Ridge Hospital & Health Services	295	42.0%								
Rainy Lake Medical Center	55	43.6%								
Renville County Hospital and Clinics	354	38.1%								
Richard Schoewe MD	45	68.9%								
Richfield Medical Group	310	52.9%								
Ridgeview Clinics	1355	47.0%								
River's Edge Hospital & Clinic	64	29.7%								
RiverView Health	149	40.3%								
Riverwood Healthcare Center	672	43.5%								
Sacred Heart Mercy Health Care Center	50	42.0%								
Sanford Health - Fargo Region	12,665	55.2%	355	28.5%	97	64.9%	93	45.2%	104	41.3%
Sanford Health - Sioux Falls Region	10,164	55.4%	170	33.5%	121	52.1%	115	38.3%		
Sawtooth Mountain Clinic	233	38.6%	51	25.5%						
Scandia Clinic	97	43.3%								
Scenic Rivers Health Services	452	44.2%								
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	214	43.9%								
Sleepy Eye Medical Center	154	35.1%								
Southside Community Health Services	259	32.8%								
St. Luke's Clinics	4,023	47.4%	63	34.9%			46	37.0%		
Stevens Community Medical Center	147	35.8%								
Stillwater Medical Group	2,219	60.7%								
Synergy Family Physicians, P.A	37	40.5%								
Tri-County Health Care	801	39.3%								
United Family Medicine	956	42.6%								
United Hospital District Clinic	388	40.5%								
Unity Family Healthcare, Family Medical Center	760	51.2%								
University of Minnesota Physicians	3,778	38.8%								
Valley Family Practice- MHN	110	39.1%								
Vibrant Health Family Clinics and MN Health Ntwk.	852	59.0%								
West Side Community Health Services	1,780	31.9%			283	34.3%	231	22.9%		
Williams Integracare Clinic	134	27.6%								
Winona Health Services	1,894	43.1%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 1: Optimal Diabetes Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	245,241	53.5%	294	48.0%	772	53.4%	103	48.5%	172,551	56.0%
Lake View Clinic - Two Harbors	257	45.1%							248	45.6%
Lakewood Health Center Clinic	206	35.4%							198	35.4%
Lakewood Health System	721	48.4%							694	48.7%
Life Medical	62	32.3%								
Madelia Community Hospital & Clinic	73	47.9%							57	50.9%
Mankato Clinic, Ltd.	2,243	57.8%							2,004	59.0%
Mayo Clinic	7,572	49.8%								
Mayo Clinic Health System	12,101	54.5%								
Mille Lacs Health System	60	18.3%								
Multicare Associates	1,936	53.7%							1,527	55.1%
Murray County Clinic	151	48.3%								
Native American Community Clinic	60	36.7%								
Neighborhood Healthsource	438	30.1%							136	29.4%
New Hope Crystal Medical Clinic	155	29.0%							95	32.6%
North Clinic	2,528	41.5%							2,080	43.1%
North Memorial	4,467	56.8%							3,712	57.9%
North Valley Health Center	106	35.8%							92	37.0%
NorthPoint Health & Wellness Center	1,140	30.7%							87	27.6%
Northwest Family Physicians	1,319	49.6%							1,139	50.4%
Olmsted Medical Center	2,647	48.6%								
Open Cities Health Center	436	28.2%								
Open Door Health Center	168	25.6%							133	24.1%
Ortonville Area Health Svcs-Northside Med.Clinic	332	53.0%							326	52.8%
Park Nicollet Health Services	18,116	62.5%	35	60.0%	98	69.4%			14,146	63.9%
Parkview Medical Clinic MN Healthcare Network	177	27.7%							171	27.5%
Parkway Family Physicians-MN Healthcare Ntwk.	81	38.3%								
Prairie Ridge Hospital & Health Services	295	42.0%							291	42.3%
Rainy Lake Medical Center	55	43.6%								
Renville County Hospital and Clinics	354	38.1%							307	41.0%
Richard Schoewe MD	45	68.9%							40	70.0%
Richfield Medical Group	310	52.9%							263	54.0%
Ridgeview Clinics	1355	47.0%							1,273	47.3%
River's Edge Hospital & Clinic	64	29.7%							45	28.9%
RiverView Health	149	40.3%							145	32.4%
Riverwood Healthcare Center	672	43.5%							631	44.8%
Sacred Heart Mercy Health Care Center	50	42.0%							48	43.8%
Sanford Health - Fargo Region	12,665	55.2%							11,620	56.4%
Sanford Health - Sioux Falls Region	10,164	55.4%							9,640	56.1%
Sawtooth Mountain Clinic	233	38.6%							175	42.9%
Scandia Clinic	97	43.3%							96	43.8%
Scenic Rivers Health Services	452	44.2%							388	46.4%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	214	43.9%							186	44.6%
Sleepy Eye Medical Center	154	35.1%							144	36.8%
Southside Community Health Services	259	32.8%								
St. Luke's Clinics	4,023	47.4%							3,763	47.9%
Stevens Community Medical Center	147	35.8%							144	29.2%
Stillwater Medical Group	2,219	60.7%							2,074	61.0%
Synergy Family Physicians, P.A	37	40.5%								
Tri-County Health Care	801	39.3%							782	39.5%
United Family Medicine	956	42.6%								
United Hospital District Clinic	388	40.5%							321	43.6%
Unity Family Healthcare, Family Medical Center	760	51.2%							745	51.7%
University of Minnesota Physicians	3,778	38.8%								
Valley Family Practice- MHN	110	39.1%							108	38.9%
Vibrant Health Family Clinics and MN Health Ntwk.	852	59.0%							829	59.1%
West Side Community Health Services	1,780	31.9%							1,204	33.7%
Williams Integracare Clinic	134	27.6%							129	27.9%
Winona Health Services	1,894	43.1%								

AA = African American
 AI = American Indian
 AN = Alaskan Native
 NH = Native Hawaiian
 PI = Pacific Islander

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Table 2: Optimal Diabetes Care (Medical Group Results) by Hispanic Ethnicity

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	245,241	53.5%	7,234	46.5%	198,399	54.7%
AALFA Family Clinic	138	57.2%			134	57.5%
Advanced Medical Clinic	60	16.7%				
Affiliated Community Medical Centers	4,072	56.3%	282	39.4%	3,780	57.6%
Albany Medical Center	158	50.6%				
Alexandria Clinic	1,286	50.2%			1,279	50.3%
Allina Health Clinics	33,776	62.9%	1,010	59.9%	32,765	63.0%
Allina Health Specialties	1,815	55.2%	69	34.8%	1,746	56.0%
Altru Health System	4,822	47.0%	164	36.0%	4,655	47.4%
Apple Valley Medical Clinic	1,150	60.3%				
Appleton Area Health Services	98	45.9%			96	45.8%
Avera Medical Group	1,120	46.4%				
Axis Medical Center	199	43.7%			199	43.7%
Boynton Health Service	92	45.7%			89	44.9%
Burnett Medical Center	263	35.0%				
Burnsville Family Physicians	302	56.3%			300	56.3%
Catalyst Medical Clinic	60	71.7%			31	67.7%
Cedar Riverside People's Center	473	30.0%			471	30.1%
CentraCare Family Health Center	413	36.3%			385	37.4%
CentraCare Health	5,265	55.0%	79	46.8%	5,186	55.1%
Chippewa County Montevideo Hosp. & Med. Clinic	452	50.9%			429	51.5%
Community University Health Care Center	576	39.6%	68	47.1%	508	38.6%
Cuyuna Regional Medical Center	165	51.7%				
Dawson Clinic	144	48.6%				
Duluth Family Medicine Clinic	250	35.2%			247	34.8%
Edina Sports Health & Wellness	125	65.6%				
Endocrinology Clinic of Mpls.	80	36.3%			61	34.4%
Entira Family Clinics	5,358	61.9%	113	60.2%	5,089	62.3%
Essentia Health - Ada	84	47.6%			78	48.7%
Essentia Health - Central Region	2,501	54.3%	52	50.0%	2,449	54.4%
Essentia Health - East Region	10,092	54.5%			10,065	54.6%
Essentia Health - Fosston	436	46.6%			436	46.6%
Essentia Health - Graceville	46	45.7%			45	44.4%
Essentia Health - St. Mary's	1,662	54.0%			1,645	53.7%
Essentia Health - West	3,004	53.4%	53	50.9%	2,951	53.5%
Fairview Health Services	18,343	55.2%	196	47.4%	18,147	55.3%
Fairview Mesaba Clinics	1,003	48.7%			1,002	48.7%
Family Practice Medical Center of Willmar	623	57.5%				
FamilyHealth Medical Clinics	313	32.3%			313	32.3%
FirstLight Health System	955	51.7%			944	51.9%
France Avenue Family Physicians - MHN	385	61.3%				
Gateway Family Health Clinic	784	46.6%				
Glencoe Regional Health Services	751	50.5%	63	38.1%	688	51.6%
Glenwood Medical Center	228	40.8%				
Grand Itasca Clinic	1,302	41.7%			1,298	41.7%
Gundersen Health System	155	58.7%			154	58.4%
HealthEast Clinics	6,326	52.7%				
HealthPartners Central Minnesota Clinics	1,001	54.0%			985	53.9%
HealthPartners Clinics	15,421	55.7%	606	51.5%	14,528	56.0%
Hennepin County Medical Center Clinics	5,654	34.6%	1,378	47.2%	4,008	30.1%
Hudson Physicians - MN Healthcare Network	1,003	52.0%			995	52.0%
Hutchinson Health	1,246	44.1%	44	29.5%	1,202	44.7%
Indian Health Board of Minneapolis	282	25.2%			257	23.7%
Integrity Health Network	4,417	51.2%				
Kittson Memorial Clinic	145	37.2%			142	37.3%
Lac Qui Parle Clinic	70	45.7%			70	45.7%
Lake City Family Physicians PC	60	55.0%				
Lake Region Healthcare	886	38.3%			878	38.2%
Lake Superior Community Health Center	215	32.1%			212	32.5%

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Table 2: Optimal Diabetes Care (Medical Group Results) by Hispanic Ethnicity -
continued

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	245,241	53.5%	7,234	46.5%	198,399	54.7%
Lake View Clinic - Two Harbors	257	45.1%			254	45.7%
Lakewood Health Center Clinic	206	35.4%			206	35.4%
Lakewood Health System	721	48.4%			717	48.7%
Life Medical	62	32.3%				
Madelia Community Hospital & Clinic	73	47.9%			57	50.9%
Mankato Clinic, Ltd.	2,243	57.8%	50	34.0%	2,178	58.5%
Mayo Clinic	7,572	49.8%				
Mayo Clinic Health System	12,101	54.5%				
Mille Lacs Health System	60	18.3%				
Multicare Associates	1,936	53.7%	38	55.3%	1,841	54.3%
Murray County Clinic	151	48.3%				
Native American Community Clinic	60	36.7%				
Neighborhood Healthsource	438	30.1%	52	28.8%	384	30.2%
New Hope Crystal Medical Clinic	155	29.0%			133	29.3%
North Clinic	2,528	41.5%	30	36.7%	2,493	41.6%
North Memorial	4,467	56.8%	61	45.9%	4,406	57.0%
North Valley Health Center	106	35.8%			96	36.5%
NorthPoint Health & Wellness Center	1,140	30.7%	234	42.7%	880	27.8%
Northwest Family Physicians	1,319	49.6%			1,292	49.9%
Olmsted Medical Center	2,647	48.6%				
Open Cities Health Center	436	28.2%				
Open Door Health Center	168	25.6%	79	24.1%	88	27.3%
Ortonville Area Health Svcs-Northside Med.Clinic	332	53.0%			331	53.2%
Park Nicollet Health Services	18,116	62.5%	566	56.5%	17,543	62.7%
Parkview Medical Clinic MN Healthcare Network	177	27.7%			176	27.3%
Parkway Family Physicians-MN Healthcare Ntwk.	81	38.3%				
Prairie Ridge Hospital & Health Services	295	42.0%			295	42.0%
Rainy Lake Medical Center	55	43.6%				
Renville County Hospital and Clinics	354	38.1%	37	18.9%	316	40.5%
Richard Schoewe MD	45	68.9%			42	66.7%
Richfield Medical Group	310	52.9%			304	53.0%
Ridgeview Clinics	1355	47.0%			1,304	47.2%
River's Edge Hospital & Clinic	64	29.7%			47	29.8%
RiverView Health	149	40.3%			149	32.9%
Riverwood Healthcare Center	672	43.5%			671	43.5%
Sacred Heart Mercy Health Care Center	50	42.0%			49	42.9%
Sanford Health - Fargo Region	12,665	55.2%	246	40.2%	12,371	55.5%
Sanford Health - Sioux Falls Region	10,164	55.4%	242	48.3%	9,922	55.6%
Sawtooth Mountain Clinic	233	38.6%			233	38.6%
Scandia Clinic	97	43.3%			96	43.8%
Scenic Rivers Health Services	452	44.2%			400	46.8%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	214	43.9%			189	45.0%
Sleepy Eye Medical Center	154	35.1%			142	37.3%
Southside Community Health Services	259	32.8%				
St. Luke's Clinics	4,023	47.4%			3,929	47.6%
Stevens Community Medical Center	147	35.8%			146	29.5%
Stillwater Medical Group	2,219	60.7%			2,207	60.8%
Synergy Family Physicians, P.A	37	40.5%				
Tri-County Health Care	801	39.3%			796	39.3%
United Family Medicine	956	42.6%				
United Hospital District Clinic	388	40.5%			322	43.5%
Unity Family Healthcare, Family Medical Center	760	51.2%			760	51.2%
University of Minnesota Physicians	3,778	38.8%				
Valley Family Practice- MHN	110	39.1%			110	39.1%
Vibrant Health Family Clinics and MN Health Ntwk.	852	59.0%			844	59.1%
West Side Community Health Services	1,780	31.9%	969	35.2%	804	28.0%
Williams Integracare Clinic	134	27.6%			134	27.6%
Winona Health Services	1,894	43.1%				

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Table 3: Optimal Diabetes Care (Medical Group Results) by Preferred Language

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Hmong N	Hmong Rate	Somali N	Somali Rate	Spanish N	Spanish Rate
STATEWIDE AVERAGE	245,241	53.5%	232,925	53.8%	1,819	39.6%	1,802	46.7%	4,648	45.6%
AALFA Family Clinic	138	57.2%	133	57.1%						
Advanced Medical Clinic	60	16.7%			60	16.7%				
Affiliated Community Medical Centers	4,072	56.3%	3,893	56.8%			39	56.4%	126	42.1%
Albany Medical Center	158	50.6%	158	50.6%						
Alexandria Clinic	1,286	50.2%	1,286	50.2%						
Allina Health Clinics	33,776	62.9%	32,722	62.8%	89	66.3%	74	50.0%	303	59.4%
Allina Health Specialties	1,815	55.2%	1,785	55.5%						
Altru Health System	4,822	47.0%	4,756	47.2%						
Apple Valley Medical Clinic	1,150	60.3%	1,139	60.5%						
Appleton Area Health Services	98	45.9%	97	45.4%						
Avera Medical Group	1,120	46.4%	983	46.5%					76	43.4%
Axis Medical Center	199	43.7%					168	48.2%		
Boymton Health Service	92	45.7%	83	47.0%						
Burnett Medical Center	263	35.0%	93	44.1%						
Burnsville Family Physicians	302	56.3%	297	56.2%						
Catalyst Medical Clinic	60	71.7%	48	66.7%						
Cedar Riverside People's Center	473	30.0%	125	16.8%			273	33.3%		
CentraCare Family Health Center	413	36.3%	352	36.4%			38	39.5%		
CentraCare Health	5,265	55.0%	5,160	55.2%			38	39.5%	47	48.9%
Chippewa County Montevideo Hosp. & Med. Clinic	452	50.9%	439	51.3%						
Community University Health Care Center	576	39.6%	275	32.4%			82	39.0%	76	50.0%
Cuyuna Regional Medical Center	165	51.7%	152	46.7%						
Dawson Clinic	144	48.6%	142	49.3%						
Duluth Family Medicine Clinic	250	35.2%	246	34.6%						
Edina Sports Health & Wellness	125	65.6%	123	65.0%						
Endocrinology Clinic of Mpls.	80	36.3%	80	36.3%						
Entira Family Clinics	5,358	61.9%	4,883	62.5%	125	56.8%				
Essentia Health - Ada	84	47.6%	83	47.0%						
Essentia Health - Central Region	2,501	54.3%	2,499	54.4%						
Essentia Health - East Region	10,092	54.5%	10,053	54.5%						
Essentia Health - Fosston	436	46.6%	436	46.6%						
Essentia Health - Graceville	46	45.7%	44	45.5%						
Essentia Health - St. Mary's	1,662	54.0%	1,650	54.0%						
Essentia Health - West	3,004	53.4%	2,980	53.5%						
Fairview Health Services	18,343	55.2%	17,394	55.0%	86	36.0%	210	57.1%	100	49.0%
Fairview Mesaba Clinics	1,003	48.7%	1,001	48.7%						
Family Practice Medical Center of Willmar	623	57.5%	553	58.6%						
FamilyHealth Medical Clinics	313	32.3%	306	31.7%						
FirstLight Health System	955	51.7%	951	51.8%						
France Avenue Family Physicians - MHN	385	61.3%	380	61.3%						
Gateway Family Health Clinic	784	46.6%	778	46.9%						
Glencoe Regional Health Services	751	50.5%	710	51.1%					41	39.0%
Glenwood Medical Center	228	40.8%	228	40.8%						
Grand Itasca Clinic	1,302	41.7%	1,301	41.7%						
Gundersen Health System	155	58.7%	155	58.7%						
HealthEast Clinics	6,326	52.7%	5,680	53.0%	390	46.9%			41	53.7%
HealthPartners Central Minnesota Clinics	1,001	54.0%	930	53.4%			33	54.5%		
HealthPartners Clinics	15,421	55.7%	14,419	55.6%	82	40.2%	112	53.6%	146	56.2%
Hennepin County Medical Center Clinics	5,654	34.6%	3,981	29.3%	32	40.6%	153	40.5%	1,240	48.8%
Hudson Physicians - MN Healthcare Network	1,003	52.0%	1,000	52.1%						
Hutchinson Health	1,246	44.1%	1,226	44.4%						
Indian Health Board of Minneapolis	282	25.2%	264	24.6%						
Integrity Health Network	4,417	51.2%								
Kittson Memorial Clinic	145	37.2%	145	37.2%						
Lac Qui Parle Clinic	70	45.7%	70	45.7%						
Lake City Family Physicians PC	60	55.0%								
Lake Region Healthcare	886	38.3%	865	38.4%						
Lake Superior Community Health Center	215	32.1%	215	32.1%						

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Table 3: Optimal Diabetes Care (Medical Group Results) by Preferred Language
- continued

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Hmong N	Hmong Rate	Somali N	Somali Rate	Spanish N	Spanish Rate
STATEWIDE AVERAGE	245,241	53.5%	232,925	53.8%	1,819	39.6%	1,802	46.7%	4,648	45.6%
Lake View Clinic - Two Harbors	257	45.1%	254	45.3%						
Lakewood Health Center Clinic	206	35.4%	206	35.4%						
Lakewood Health System	721	48.4%	718	48.5%						
Life Medical	62	32.3%								
Madelia Community Hospital & Clinic	73	47.9%	63	47.6%						
Mankato Clinic, Ltd.	2,243	57.8%	2,116	58.4%						
Mayo Clinic	7,572	49.8%	6,882	50.2%			83	33.7%	61	54.1%
Mayo Clinic Health System	12,101	54.5%	11,749	54.6%			41	63.4%	223	49.8%
Mille Lacs Health System	60	18.3%	60	18.3%						
Multicare Associates	1,936	53.7%	1,667	54.8%						
Murray County Clinic	151	48.3%	151	48.3%						
Native American Community Clinic	60	36.7%	59	37.3%						
Neighborhood Healthsource	438	30.1%	360	31.1%					48	20.8%
New Hope Crystal Medical Clinic	155	29.0%	124	29.0%						
North Clinic	2,528	41.5%	2,479	41.5%						
North Memorial	4,467	56.8%	4,306	56.8%	39	51.3%				
North Valley Health Center	106	35.8%	98	36.7%						
NorthPoint Health & Wellness Center	1,140	30.7%	703	25.7%	141	35.5%			219	42.5%
Northwest Family Physicians	1,319	49.6%	1,275	49.3%						
Olmsted Medical Center	2,647	48.6%	2,481	48.7%			33	42.4%	35	34.3%
Open Cities Health Center	436	28.2%	372	24.7%	30	46.7%				
Open Door Health Center	168	25.6%	97	27.8%					65	23.1%
Ortonville Area Health Svcs-Northside Med.Clinic	332	53.0%	332	53.0%						
Park Nicollet Health Services	18,116	62.5%	17,014	62.7%	31	45.2%	127	54.3%	282	55.7%
Parkview Medical Clinic MN Healthcare Network	177	27.7%	177	27.7%						
Parkway Family Physicians-MN Healthcare Ntwk.	81	38.3%								
Prairie Ridge Hospital & Health Services	295	42.0%	295	42.0%						
Rainy Lake Medical Center	55	43.6%								
Renville County Hospital and Clinics	354	38.1%	342	38.6%						
Richard Schoewe MD	45	68.9%	45	68.9%						
Richfield Medical Group	310	52.9%	300	52.7%						
Ridgeview Clinics	1355	47.0%	1,321	47.4%						
River's Edge Hospital & Clinic	64	29.7%	62	30.6%						
RiverView Health	149	40.3%	147	33.3%						
Riverwood Healthcare Center	672	43.5%	668	43.3%						
Sacred Heart Mercy Health Care Center	50	42.0%	50	42.0%						
Sanford Health - Fargo Region	12,665	55.2%	12,407	55.3%					33	36.4%
Sanford Health - Sioux Falls Region	10,164	55.4%	9,977	55.5%					96	54.2%
Sawtooth Mountain Clinic	233	38.6%	232	38.4%						
Scandia Clinic	97	43.3%	97	43.3%						
Scenic Rivers Health Services	452	44.2%	398	46.7%						
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	214	43.9%	202	44.1%						
Sleepy Eye Medical Center	154	35.1%	149	36.2%						
Southside Community Health Services	259	32.8%	158	25.3%					95	45.3%
St. Luke's Clinics	4,023	47.4%	3,922	47.6%						
Stevens Community Medical Center	147	35.8%	147	29.3%						
Stillwater Medical Group	2,219	60.7%	2,206	60.7%						
Synergy Family Physicians, P.A	37	40.5%								
Tri-County Health Care	801	39.3%	799	39.4%						
United Family Medicine	956	42.6%	799	41.8%					81	43.2%
United Hospital District Clinic	388	40.5%	369	40.9%						
Unity Family Healthcare, Family Medical Center	760	51.2%	754	51.1%						
University of Minnesota Physicians	3,778	38.8%	3,175	37.4%	227	39.2%	149	53.0%		
Valley Family Practice- MHN	110	39.1%	110	39.1%						
Vibrant Health Family Clinics and MN Health Ntwk.	852	59.0%	849	59.0%						
West Side Community Health Services	1,780	31.9%	603	24.9%	214	30.4%			887	35.9%
Williams Integracare Clinic	134	27.6%	131	28.2%						
Winona Health Services	1,894	43.1%								

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Table 4: Optimal Diabetes Care (Medical Group Results) by Country of Origin

Medical Group Name	Overall N	Overall Rate	Laos N	Laos Rate	Mexico N	Mexico Rate	Somalia N	Somalia Rate	United States N	United States Rate
STATEWIDE AVERAGE	245,241	53.5%	1,840	45.3%	3,492	46.4%	1,843	47.6%	180,167	53.4%
AALFA Family Clinic	138	57.2%							95	52.6%
Advanced Medical Clinic	60	16.7%								
Affiliated Community Medical Centers	4,072	56.3%			113	50.4%	38	55.3%	3,833	56.8%
Albany Medical Center	158	50.6%							158	50.6%
Alexandria Clinic	1,286	50.2%							1,265	50.3%
Allina Health Clinics	33,776	62.9%	165	63.6%	313	60.7%	137	52.6%	30,357	62.6%
Allina Health Specialties	1,815	55.2%			31	29.0%			1,722	55.8%
Altru Health System	4,822	47.0%								
Apple Valley Medical Clinic	1,150	60.3%							1,144	60.2%
Appleton Area Health Services	98	45.9%								
Avera Medical Group	1,120	46.4%			81	38.3%			944	47.1%
Axis Medical Center	199	43.7%					170	47.6%		
Boynton Health Service	92	45.7%							62	50.0%
Burnett Medical Center	263	35.0%								
Burnsville Family Physicians	302	56.3%							279	55.6%
Catalyst Medical Clinic	60	71.7%							50	70.0%
Cedar Riverside People's Center	473	30.0%					231	33.8%	81	14.8%
CentraCare Family Health Center	413	36.3%					40	40.0%	339	35.4%
CentraCare Health	5,265	55.0%			51	51.0%	41	39.0%	5,050	55.1%
Chippewa County Montevideo Hosp. & Med. Clinic	452	50.9%							437	50.8%
Community University Health Care Center	576	39.6%	81	46.9%	51	47.1%	97	36.1%	200	27.0%
Cuyuna Regional Medical Center	165	51.7%								
Dawson Clinic	144	48.6%								
Duluth Family Medicine Clinic	250	35.2%							238	34.9%
Edina Sports Health & Wellness	125	65.6%							111	64.0%
Endocrinology Clinic of Mpls.	80	36.3%							54	35.2%
Entira Family Clinics	5,358	61.9%								
Essentia Health - Ada	84	47.6%							82	48.8%
Essentia Health - Central Region	2,501	54.3%							2,434	54.4%
Essentia Health - East Region	10,092	54.5%							9,849	54.4%
Essentia Health - Fosston	436	46.6%							426	46.7%
Essentia Health - Graceville	46	45.7%							45	44.4%
Essentia Health - St. Mary's	1,662	54.0%							1,607	53.9%
Essentia Health - West	3,004	53.4%							2,886	53.6%
Fairview Health Services	18,343	55.2%	151	53.0%	80	53.8%	270	57.4%	16,044	54.7%
Fairview Mesaba Clinics	1,003	48.7%							990	48.8%
Family Practice Medical Center of Willmar	623	57.5%							597	58.1%
FamilyHealth Medical Clinics	313	32.3%							293	31.7%
FirstLight Health System	955	51.7%							940	52.0%
France Avenue Family Physicians - MHN	385	61.3%							327	59.6%
Gateway Family Health Clinic	784	46.6%								
Glencoe Regional Health Services	751	50.5%			39	46.2%			701	50.8%
Glenwood Medical Center	228	40.8%							228	40.8%
Grand Itasca Clinic	1,302	41.7%							1,293	41.9%
Gundersen Health System	155	58.7%								
HealthEast Clinics	6,326	52.7%	420	47.1%	55	47.3%			5,234	52.8%
HealthPartners Central Minnesota Clinics	1,001	54.0%							884	53.2%
HealthPartners Clinics	15,421	55.7%	147	49.7%	114	57.9%	167	58.1%	10,542	55.1%
Hennepin County Medical Center Clinics	5,654	34.6%	51	35.3%	1,076	48.5%	236	41.1%	3,399	27.4%
Hudson Physicians - MN Healthcare Network	1,003	52.0%							985	52.1%
Hutchinson Health	1,246	44.1%							1,194	44.4%
Indian Health Board of Minneapolis	282	25.2%							247	23.9%
Integrity Health Network	4,417	51.2%								
Kittson Memorial Clinic	145	37.2%							142	38.0%
Lac Qui Parle Clinic	70	45.7%							69	46.4%
Lake City Family Physicians PC	60	55.0%								
Lake Region Healthcare	886	38.3%							839	38.9%
Lake Superior Community Health Center	215	32.1%							156	31.4%

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Table 4: Optimal Diabetes Care (Medical Group Results) by Country of Origin -
continued

Medical Group Name	Overall N	Overall Rate	Laos N	Laos Rate	Mexico N	Mexico Rate	Somalia N	Somalia Rate	United States N	United States Rate
STATEWIDE AVERAGE	245,241	53.5%	1,840	45.3%	3,492	46.4%	1,843	47.6%	180,167	53.4%
Lake View Clinic - Two Harbors	257	45.1%							254	45.7%
Lakewood Health Center Clinic	206	35.4%								
Lakewood Health System	721	48.4%							709	48.2%
Life Medical	62	32.3%								
Madelia Community Hospital & Clinic	73	47.9%								
Mankato Clinic, Ltd.	2,243	57.8%							2,074	58.4%
Mayo Clinic	7,572	49.8%								
Mayo Clinic Health System	12,101	54.5%			64	46.9%			11,960	54.6%
Mille Lacs Health System	60	18.3%								
Multicare Associates	1,936	53.7%							1,587	54.4%
Murray County Clinic	151	48.3%							151	48.3%
Native American Community Clinic	60	36.7%								
Neighborhood Healthsource	438	30.1%							255	31.8%
New Hope Crystal Medical Clinic	155	29.0%							116	29.3%
North Clinic	2,528	41.5%							2,320	41.5%
North Memorial	4,467	56.8%	64	51.6%					4,042	56.6%
North Valley Health Center	106	35.8%							96	37.5%
NorthPoint Health & Wellness Center	1,140	30.7%	166	34.9%	176	45.5%			556	22.7%
Northwest Family Physicians	1,319	49.6%							1,184	48.9%
Olmsted Medical Center	2,647	48.6%					38	36.8%	2,404	49.3%
Open Cities Health Center	436	28.2%								
Open Door Health Center	168	25.6%			64	23.4%			89	27.0%
Ortonville Area Health Svcs-Northside Med.Clinic	332	53.0%							328	53.0%
Park Nicollet Health Services	18,116	62.5%							1,443	63.8%
Parkview Medical Clinic MN Healthcare Network	177	27.7%							177	27.7%
Parkway Family Physicians-MN Healthcare Ntwk.	81	38.3%								
Prairie Ridge Hospital & Health Services	295	42.0%							294	42.2%
Rainy Lake Medical Center	55	43.6%								
Renville County Hospital and Clinics	354	38.1%							339	38.3%
Richard Schoewe MD	45	68.9%							42	69.0%
Richfield Medical Group	310	52.9%							286	53.1%
Ridgeview Clinics	1355	47.0%								
River's Edge Hospital & Clinic	64	29.7%							47	31.9%
RiverView Health	149	40.3%							144	32.6%
Riverwood Healthcare Center	672	43.5%							664	43.4%
Sacred Heart Mercy Health Care Center	50	42.0%							49	42.9%
Sanford Health - Fargo Region	12,665	55.2%			44	52.3%			12,022	55.1%
Sanford Health - Sioux Falls Region	10,164	55.4%	44	38.6%	88	55.7%			9,801	55.6%
Sawtooth Mountain Clinic	233	38.6%							206	41.7%
Scandia Clinic	97	43.3%							97	43.3%
Scenic Rivers Health Services	452	44.2%							388	46.6%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	214	43.9%							197	43.7%
Sleepy Eye Medical Center	154	35.1%							147	36.7%
Southside Community Health Services	259	32.8%			90	43.3%			132	25.8%
St. Luke's Clinics	4,023	47.4%							3,861	47.6%
Stevens Community Medical Center	147	35.8%							147	29.3%
Stillwater Medical Group	2,219	60.7%							447	54.6%
Synergy Family Physicians, P.A	37	40.5%								
Tri-County Health Care	801	39.3%							785	39.6%
United Family Medicine	956	42.6%			81	44.4%			729	41.0%
United Hospital District Clinic	388	40.5%							306	41.2%
Unity Family Healthcare, Family Medical Center	760	51.2%								
University of Minnesota Physicians	3,778	38.8%	216	38.4%			168	51.8%	2,786	36.5%
Valley Family Practice- MHN	110	39.1%								
Vibrant Health Family Clinics and MN Health Ntwk.	852	59.0%							841	59.2%
West Side Community Health Services	1,780	31.9%	185	31.9%	582	35.6%			367	22.9%
Williams Integracare Clinic	134	27.6%							129	28.7%
Winona Health Services	1,894	43.1%								

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Table 5: Optimal Vascular Care (Medical Group Results) by Race

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	102,654	69.3%	901	51.4%	1,255	77.3%	2,620	52.6%	276	68.5%
Affiliated Community Medical Centers	883	71.1%								
Albany Medical Center	70	72.9%								
Alexandria Clinic	518	66.8%								
Allina Health Clinics	8,987	74.6%	37	67.6%	140	84.3%	241	63.5%	40	77.5%
Allina Health Specialties	12,479	72.3%	84	64.3%	154	79.9%	278	57.9%	38	71.1%
Altru Health System	3,007	64.2%	79	46.8%						
Apple Valley Medical Clinic	257	80.9%								
Avera Medical Group	236	57.2%								
Burnett Medical Center	116	36.2%								
Burnsville Family Physicians	90	62.2%								
Catalyst Medical Clinic	60	76.7%								
Cedar Riverside People's Center	46	47.8%					33	51.5%		
CentraCare Family Health Center	97	50.5%								
CentraCare Health	2,588	71.4%								
Chippewa County Montevideo Hosp. & Med. Clinic	185	69.7%								
Community University Health Care Center	50	28.0%								
Courage Kenny Rehabilitation Institute	38	65.8%								
Cuyuna Regional Medical Center	108	56.0%								
Dawson Clinic	46	67.4%								
Duluth Family Medicine Clinic	49	59.2%								
Entira Family Clinics	1,939	77.3%			45	86.7%				
Essentia Health - Central Region	1,509	63.2%								
Essentia Health - East Region	5,221	68.0%	145	45.5%						
Essentia Health - Fosston	156	68.6%								
Essentia Health - St. Mary's	749	70.0%								
Essentia Health - West	1,280	70.2%								
Fairview Health Services	5,619	71.8%			125	78.4%	224	56.7%		
Fairview Mesaba Clinics	287	60.6%								
Family Practice Medical Center of Willmar	102	63.7%								
FamilyHealth Medical Clinics	79	39.2%								
FirstLight Health System	344	65.1%								
France Avenue Family Physicians - MHN	105	66.7%								
Gateway Family Health Clinic	275	54.2%								
Glencoe Regional Health Services	167	69.5%								
Glenwood Medical Center	59	52.5%								
Grand Itasca Clinic	597	60.1%								
Gundersen Health System	52	69.2%								
HealthEast Clinics	3,663	63.2%								
HealthPartners Central Minnesota Clinics	263	70.7%								
HealthPartners Clinics	4,739	71.1%			178	74.7%	428	59.6%	53	67.9%
Hennepin County Medical Center Clinics	1,240	46.4%	36	38.9%	46	58.7%	493	38.9%		
Hudson Physicians - MN Healthcare Network	331	72.5%								
Hutchinson Health	347	60.2%								
Integrity Health Network	1,466	68.9%								
Kittson Memorial Clinic	54	59.3%								
Lake City Family Physicians PC	52	55.8%								
Lake Region Healthcare	379	54.6%								

AA = African American

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AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

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Table 5: Optimal Vascular Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	102,654	69.3%	81	58.4%	208	69.1%			80,188	70.8%
Affiliated Community Medical Centers	883	71.1%							868	71.4%
Albany Medical Center	70	72.9%								
Alexandria Clinic	518	66.8%							512	66.8%
Allina Health Clinics	8,987	74.6%							8,390	74.7%
Allina Health Specialties	12,479	72.3%							11,783	72.5%
Altru Health System	3,007	64.2%							2,848	65.1%
Apple Valley Medical Clinic	257	80.9%								
Avera Medical Group	236	57.2%								
Burnett Medical Center	116	36.2%								
Burnsville Family Physicians	90	62.2%							85	62.4%
Catalyst Medical Clinic	60	76.7%								
Cedar Riverside People's Center	46	47.8%								
CentraCare Family Health Center	97	50.5%							82	50.0%
CentraCare Health	2,588	71.4%							2,536	71.5%
Chippewa County Montevideo Hosp. & Med. Clinic	185	69.7%							184	69.6%
Community University Health Care Center	50	28.0%								
Courage Kenny Rehabilitation Institute	38	65.8%								
Cuyuna Regional Medical Center	108	56.0%								
Dawson Clinic	46	67.4%								
Duluth Family Medicine Clinic	49	59.2%							43	58.1%
Entira Family Clinics	1,939	77.3%							1,734	77.5%
Essentia Health - Central Region	1,509	63.2%							1,488	63.2%
Essentia Health - East Region	5,221	68.0%							5,003	68.7%
Essentia Health - Fosston	156	68.6%							149	70.5%
Essentia Health - St. Mary's	749	70.0%							728	70.3%
Essentia Health - West	1,280	70.2%							1,236	70.6%
Fairview Health Services	5,619	71.8%			34	70.6%			5,060	72.5%
Fairview Mesaba Clinics	287	60.6%							280	61.4%
Family Practice Medical Center of Willmar	102	63.7%								
FamilyHealth Medical Clinics	79	39.2%							77	39.0%
FirstLight Health System	344	65.1%							336	66.4%
France Avenue Family Physicians - MHN	105	66.7%								
Gateway Family Health Clinic	275	54.2%								
Glencoe Regional Health Services	167	69.5%							164	69.5%
Glenwood Medical Center	59	52.5%								
Grand Itasca Clinic	597	60.1%							590	60.3%
Gundersen Health System	52	69.2%							51	68.6%
HealthEast Clinics	3,663	63.2%								
HealthPartners Central Minnesota Clinics	263	70.7%							248	71.8%
HealthPartners Clinics	4,739	71.1%			51	66.7%			3,802	72.1%
Hennepin County Medical Center Clinics	1,240	46.4%							507	47.3%
Hudson Physicians - MN Healthcare Network	331	72.5%							326	73.0%
Hutchinson Health	347	60.2%							339	59.9%
Integrity Health Network	1,466	68.9%								
Kittson Memorial Clinic	54	59.3%							52	59.6%
Lake City Family Physicians PC	52	55.8%								
Lake Region Healthcare	379	54.6%							365	55.1%

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Table 5: Optimal Vascular Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	102,654	69.3%	901	51.4%	1,255	77.3%	2,620	52.6%	276	68.5%
Lake Superior Community Health Center	31	51.6%								
Lake View Clinic - Two Harbors	86	55.8%								
Lakewood Health Center Clinic	109	49.5%								
Lakewood Health System	175	62.3%								
Mankato Clinic, Ltd.	793	76.0%								
Mayo Clinic	4,257	68.4%								
Mayo Clinic Health System	3,998	69.1%								
Mille Lacs Health System	60	56.7%								
Multicare Associates	667	72.9%								
Neighborhood Healthsource	47	70.2%								
New Hope Crystal Medical Clinic	49	46.9%								
North Clinic	1,086	57.6%								
North Memorial	2,989	69.4%			76	75.0%	49	40.8%		
North Valley Health Center	32	50.0%					155	54.2%		
NorthPoint Health & Wellness Center	123	51.2%			31	74.2%	64	37.5%		
Northwest Family Physicians	403	59.3%								
Olmsted Medical Center	703	63.4%								
Open Cities Health Center	102	34.3%								
Ortonville Area Health Svcs.-Northside Med. Clinic	239	66.5%								
Park Nicollet Health Services	4,864	78.2%			168	79.8%	199	59.3%	40	70.0%
Prairie Ridge Hospital & Health Services	103	38.8%								
Renville County Hospital and Clinics	68	61.8%								
Richfield Medical Group	149	71.8%								
Ridgeview Clinics	320	66.6%								
RiverView Health	41	51.2%								
Riverwood Healthcare Center	218	59.6%								
Sacred Heart Mercy Health Care Center	42	45.2%								
Sanford Health - Fargo Region	5,543	72.5%	194	46.9%					40	60.0%
Sanford Health - Sioux Falls Region	5,209	68.1%	64	53.1%	34	70.6%	31	22.6%		
Sawtooth Mountain Clinic	74	59.5%								
Scandia Clinic	43	51.2%								
Scenic Rivers Health Services	126	60.3%								
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	33	57.6%								
Sleepy Eye Medical Center	36	58.3%								
St. Luke's Clinics	2,136	67.3%								
Stevens Community Medical Center	81	51.9%								
Stillwater Medical Group	917	76.1%								
Tri-County Health Care	279	51.6%								
United Family Medicine	253	49.4%								
United Hospital District Clinic	86	53.5%								
Unity Family Healthcare, Family Medical Center	202	62.9%								
University of Minnesota Physicians	3,359	72.3%								
Valley Family Practice- MHN	42	50.0%								
Vibrant Health Family Clinics and MN Health Ntwk.	312	78.8%								
West Side Community Health Services	145	49.7%			30	73.3%				
Williams Integracare Clinic	40	47.5%								
Winona Health Services	576	61.6%								

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Table 5: Optimal Vascular Care (Medical Group Results) by Race - *continued*

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	102,654	69.3%	81	58.4%	208	69.1%			80,188	70.8%
Lake Superior Community Health Center	31	51.6%								
Lake View Clinic - Two Harbors	86	55.8%							84	56.0%
Lakewood Health Center Clinic	109	49.5%							104	51.0%
Lakewood Health System	175	62.3%							167	62.9%
Mankato Clinic, Ltd.	793	76.0%							741	76.1%
Mayo Clinic	4,257	68.4%								
Mayo Clinic Health System	3,998	69.1%								
Mille Lacs Health System	60	56.7%								
Multicare Associates	667	72.9%							550	72.0%
Neighborhood Healthsource	47	70.2%								
New Hope Crystal Medical Clinic	49	46.9%							41	51.2%
North Clinic	1,086	57.6%							978	58.0%
North Memorial	2,989	69.4%							2,710	70.2%
North Valley Health Center	32	50.0%							31	48.4%
NorthPoint Health & Wellness Center	123	51.2%								
Northwest Family Physicians	403	59.3%							369	60.7%
Olmsted Medical Center	703	63.4%								
Open Cities Health Center	102	34.3%								
Ortonville Area Health Svcs.-Northside Med. Clinic	239	66.5%							237	66.2%
Park Nicollet Health Services	4,864	78.2%							4,335	78.9%
Prairie Ridge Hospital & Health Services	103	38.8%							103	38.8%
Renville County Hospital and Clinics	68	61.8%							65	63.1%
Richfield Medical Group	149	71.8%							142	71.8%
Ridgeview Clinics	320	66.6%							304	66.8%
RiverView Health	41	51.2%							41	51.2%
Riverwood Healthcare Center	218	59.6%							213	60.1%
Sacred Heart Mercy Health Care Center	42	45.2%							42	45.2%
Sanford Health - Fargo Region	5,543	72.5%							5,135	73.7%
Sanford Health - Sioux Falls Region	5,209	68.1%							5,049	68.6%
Sawtooth Mountain Clinic	74	59.5%							66	60.6%
Scandia Clinic	43	51.2%							43	51.2%
Scenic Rivers Health Services	126	60.3%							110	65.5%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	33	57.6%							32	56.3%
Sleepy Eye Medical Center	36	58.3%							36	58.3%
St. Luke's Clinics	2,136	67.3%							2,001	67.3%
Stevens Community Medical Center	81	51.9%							80	52.5%
Stillwater Medical Group	917	76.1%							879	76.2%
Tri-County Health Care	279	51.6%							276	51.4%
United Family Medicine	253	49.4%								
United Hospital District Clinic	86	53.5%							76	59.2%
Unity Family Healthcare, Family Medical Center	202	62.9%							202	62.9%
University of Minnesota Physicians	3,359	72.3%								
Valley Family Practice- MHN	42	50.0%							40	50.0%
Vibrant Health Family Clinics and MN Health Ntwk.	312	78.8%							308	78.9%
West Side Community Health Services	145	49.7%							87	46.0%
Williams Integracare Clinic	40	47.5%							39	48.7%
Winona Health Services	576	61.6%								

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AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

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Table 6: Optimal Vascular Care (Medical Group Results) by Hispanic Ethnicity

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	102,654	69.3%	849	70.0%	86,065	70.1%
Affiliated Community Medical Centers	883	71.1%			866	70.9%
Albany Medical Center	70	72.9%				
Alexandria Clinic	518	66.8%			518	66.8%
Allina Health Clinics	8,987	74.6%	90	72.2%	8,897	74.6%
Allina Health Specialties	12,479	72.3%	113	74.3%	12,359	72.2%
Altru Health System	3,007	64.2%	33	51.5%	2,964	64.4%
Apple Valley Medical Clinic	257	80.9%				
Avera Medical Group	236	57.2%				
Burnett Medical Center	116	36.2%				
Burnsville Family Physicians	90	62.2%			90	62.2%
Catalyst Medical Clinic	60	76.7%				
Cedar Riverside People's Center	46	47.8%			45	46.7%
CentraCare Family Health Center	97	50.5%			94	48.9%
CentraCare Health	2,588	71.4%			2,572	71.3%
Chippewa County Montevideo Hosp. & Med. Clinic	185	69.7%			184	69.6%
Community University Health Care Center	50	28.0%			49	28.6%
Courage Kenny Rehabilitation Institute	38	65.8%			38	65.8%
Cuyuna Regional Medical Center	108	56.0%				
Dawson Clinic	46	67.4%				
Duluth Family Medicine Clinic	49	59.2%			49	59.2%
Entira Family Clinics	1,939	77.3%			1,861	77.2%
Essentia Health - Central Region	1,509	63.2%	30	50.0%	1,479	63.4%
Essentia Health - East Region	5,221	68.0%			5,206	68.0%
Essentia Health - Fosston	156	68.6%			156	68.6%
Essentia Health - St. Mary's	749	70.0%			745	69.9%
Essentia Health - West	1,280	70.2%			1,271	70.2%
Fairview Health Services	5,619	71.8%			5,599	71.8%
Fairview Mesaba Clinics	287	60.6%			286	60.8%
Family Practice Medical Center of Willmar	102	63.7%				
FamilyHealth Medical Clinics	79	39.2%			79	39.2%
FirstLight Health System	344	65.1%			344	65.1%
France Avenue Family Physicians - MHN	105	66.7%				
Gateway Family Health Clinic	275	54.2%				
Glencoe Regional Health Services	167	69.5%			165	69.7%
Glenwood Medical Center	59	52.5%				
Grand Itasca Clinic	597	60.1%			596	60.2%
Gundersen Health System	52	69.2%			52	69.2%
HealthEast Clinics	3,663	63.2%				
HealthPartners Central Minnesota Clinics	263	70.7%			263	70.7%
HealthPartners Clinics	4,739	71.1%	94	77.7%	4,571	71.0%
Hennepin County Medical Center Clinics	1,240	46.4%	99	68.7%	1,089	43.7%
Hudson Physicians - MN Healthcare Network	331	72.5%			330	72.4%
Hutchinson Health	347	60.2%			341	60.7%
Integrity Health Network	1,466	68.9%				
Kittson Memorial Clinic	54	59.3%			53	58.5%
Lake City Family Physicians PC	52	55.8%				
Lake Region Healthcare	379	54.6%			379	54.6%

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 6: Optimal Vascular Care (Medical Group Results) by Hispanic Ethnicity -
continued

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	102,654	69.3%	849	70.0%	86,065	70.1%
Lake Superior Community Health Center	31	51.6%			31	51.6%
Lake View Clinic - Two Harbors	86	55.8%			85	56.5%
Lakewood Health Center Clinic	109	49.5%			109	49.5%
Lakewood Health System	175	62.3%			174	62.1%
Mankato Clinic, Ltd.	793	76.0%			782	76.3%
Mayo Clinic	4,257	68.4%				
Mayo Clinic Health System	3,998	69.1%				
Mille Lacs Health System	60	56.7%				
Multicare Associates	667	72.9%			633	72.4%
Neighborhood Healthsource	47	70.2%			46	71.7%
New Hope Crystal Medical Clinic	49	46.9%			44	50.0%
North Clinic	1,086	57.6%			1,080	57.9%
North Memorial	2,989	69.4%			2,967	69.5%
North Valley Health Center	32	50.0%			31	48.4%
NorthPoint Health & Wellness Center	123	51.2%			110	49.1%
Northwest Family Physicians	403	59.3%			397	59.7%
Olmsted Medical Center	703	63.4%				
Open Cities Health Center	102	34.3%				
Ortonville Area Health Svcs.-Northside Med. Clinic	239	66.5%			239	66.5%
Park Nicollet Health Services	4,864	78.2%	50	84.0%	4,814	78.1%
Prairie Ridge Hospital & Health Services	103	38.8%			103	38.8%
Renville County Hospital and Clinics	68	61.8%			66	62.1%
Richfield Medical Group	149	71.8%			149	71.8%
Ridgeview Clinics	320	66.6%			310	67.1%
RiverView Health	41	51.2%			41	51.2%
Riverwood Healthcare Center	218	59.6%			218	59.6%
Sacred Heart Mercy Health Care Center	42	45.2%			42	45.2%
Sanford Health - Fargo Region	5,543	72.5%	57	63.2%	5,469	72.6%
Sanford Health - Sioux Falls Region	5,209	68.1%	40	67.5%	5,169	68.1%
Sawtooth Mountain Clinic	74	59.5%			74	59.5%
Scandia Clinic	43	51.2%			43	51.2%
Scenic Rivers Health Services	126	60.3%			111	64.9%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	33	57.6%			32	56.3%
Sleepy Eye Medical Center	36	58.3%			36	58.3%
St. Luke's Clinics	2,136	67.3%			2,063	67.1%
Stevens Community Medical Center	81	51.9%			81	51.9%
Stillwater Medical Group	917	76.1%			916	76.2%
Tri-County Health Care	279	51.6%			277	51.3%
United Family Medicine	253	49.4%				
United Hospital District Clinic	86	53.5%			76	59.2%
Unity Family Healthcare, Family Medical Center	202	62.9%			202	62.9%
University of Minnesota Physicians	3,359	72.3%				
Valley Family Practice- MHN	42	50.0%			42	50.0%
Vibrant Health Family Clinics and MN Health Ntwk.	312	78.8%			312	78.8%
West Side Community Health Services	145	49.7%	48	58.3%	97	45.4%
Williams Integracare Clinic	40	47.5%			40	47.5%
Winona Health Services	576	61.6%				

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Table 7: Optimal Vascular Care (Medical Group Results) by Preferred Language

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Non-English N	Non-English Rate
STATEWIDE AVERAGE	102,654	69.3%	99,545	69.4%	2,042	71.0%
Affiliated Community Medical Centers	883	71.1%	872	71.2%		
Albany Medical Center	70	72.9%	70	72.9%		
Alexandria Clinic	518	66.8%	518	66.8%		
Allina Health Clinics	8,987	74.6%	8,843	74.4%	144	84.7%
Allina Health Specialties	12,479	72.3%	12,297	72.2%	178	76.4%
Altru Health System	3,007	64.2%	2,995	64.3%		
Apple Valley Medical Clinic	257	80.9%	254	81.1%		
Avera Medical Group	236	57.2%	223	56.1%		
Burnett Medical Center	116	36.2%				
Burnsville Family Physicians	90	62.2%	90	62.2%		
Catalyst Medical Clinic	60	76.7%	41	78.0%		
Cedar Riverside People's Center	46	47.8%				
CentraCare Family Health Center	97	50.5%	91	48.4%		
CentraCare Health	2,588	71.4%	2,556	71.2%		
Chippewa County Montevideo Hosp. & Med. Clinic	185	69.7%	185	69.7%		
Community University Health Care Center	50	28.0%	37	27.0%		
Courage Kenny Rehabilitation Institute	38	65.8%	37	67.6%		
Cuyuna Regional Medical Center	108	56.0%	99	58.6%		
Dawson Clinic	46	67.4%	45	66.7%		
Duluth Family Medicine Clinic	49	59.2%	48	60.4%		
Entira Family Clinics	1,939	77.3%	1,808	77.7%	48	83.3%
Essentia Health - Central Region	1,509	63.2%	1,509	63.2%		
Essentia Health - East Region	5,221	68.0%	5,204	67.9%		
Essentia Health - Fosston	156	68.6%	155	68.4%		
Essentia Health - St. Mary's	749	70.0%	747	69.9%		
Essentia Health - West	1,280	70.2%	1,274	70.1%		
Fairview Health Services	5,619	71.8%	5,458	71.7%	158	74.7%
Fairview Mesaba Clinics	287	60.6%	287	60.6%		
Family Practice Medical Center of Willmar	102	63.7%	98	63.3%		
FamilyHealth Medical Clinics	79	39.2%	78	39.7%		
FirstLight Health System	344	65.1%	344	65.1%		
France Avenue Family Physicians - MHN	105	66.7%	100	65.0%		
Gateway Family Health Clinic	275	54.2%	271	54.2%		
Glencoe Regional Health Services	167	69.5%	167	69.5%		
Glenwood Medical Center	59	52.5%	59	52.5%		
Grand Itasca Clinic	597	60.1%	597	60.1%		
Gundersen Health System	52	69.2%	52	69.2%		
HealthEast Clinics	3,663	63.2%	3,502	62.8%	156	73.7%
HealthPartners Central Minnesota Clinics	263	70.7%	257	70.8%		
HealthPartners Clinics	4,739	71.1%	4,555	70.9%	184	76.1%
Hennepin County Medical Center Clinics	1,240	46.4%	1,091	43.6%	149	66.4%
Hudson Physicians - MN Healthcare Network	331	72.5%	330	72.4%		
Hutchinson Health	347	60.2%	344	60.8%		
Integrity Health Network	1,466	68.9%	1,450	68.7%		
Kittson Memorial Clinic	54	59.3%	54	59.3%		
Lake City Family Physicians PC	52	55.8%				
Lake Region Healthcare	379	54.6%	372	54.8%		

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Table 7: Optimal Vascular Care (Medical Group Results) by Preferred Language
- continued

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Non-English N	Non-English Rate
STATEWIDE AVERAGE	102,654	69.3%	99,545	69.4%	2,042	71.0%
Lake Superior Community Health Center	31	51.6%	31	51.6%		
Lake View Clinic - Two Harbors	86	55.8%	85	56.5%		
Lakewood Health Center Clinic	109	49.5%	109	49.5%		
Lakewood Health System	175	62.3%	174	62.1%		
Mankato Clinic, Ltd.	793	76.0%	765	76.2%		
Mayo Clinic	4,257	68.4%	3,967	68.7%	165	59.4%
Mayo Clinic Health System	3,998	69.1%	3,948	69.1%	47	72.3%
Mille Lacs Health System	60	56.7%	60	56.7%		
Multicare Associates	667	72.9%	589	72.5%		
Neighborhood Healthsource	47	70.2%	45	71.1%		
New Hope Crystal Medical Clinic	49	46.9%	43	46.5%		
North Clinic	1,086	57.6%	1,071	57.6%		
North Memorial	2,989	69.4%	2,887	69.4%	102	68.6%
North Valley Health Center	32	50.0%	31	48.4%		
NorthPoint Health & Wellness Center	123	51.2%	77	35.1%	46	78.3%
Northwest Family Physicians	403	59.3%	393	59.3%		
Olmsted Medical Center	703	63.4%	683	63.3%		
Open Cities Health Center	102	34.3%	93	32.3%		
Ortonville Area Health Svcs.-Northside Med. Clinic	239	66.5%	239	66.5%		
Park Nicollet Health Services	4,864	78.2%	4,707	78.3%	152	74.3%
Prairie Ridge Hospital & Health Services	103	38.8%	103	38.8%		
Renville County Hospital and Clinics	68	61.8%	66	62.1%		
Richfield Medical Group	149	71.8%	147	72.1%		
Ridgeview Clinics	320	66.6%	314	67.2%		
RiverView Health	41	51.2%	41	51.2%		
Riverwood Healthcare Center	218	59.6%	217	59.4%		
Sacred Heart Mercy Health Care Center	42	45.2%	42	45.2%		
Sanford Health - Fargo Region	5,543	72.5%	5,467	72.5%	33	69.7%
Sanford Health - Sioux Falls Region	5,209	68.1%	5,166	68.2%	43	62.8%
Sawtooth Mountain Clinic	74	59.5%	74	59.5%		
Scandia Clinic	43	51.2%	43	51.2%		
Scenic Rivers Health Services	126	60.3%	111	64.9%		
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	33	57.6%	32	56.3%		
Sleepy Eye Medical Center	36	58.3%	36	58.3%		
St. Luke's Clinics	2,136	67.3%	2,057	67.0%		
Stevens Community Medical Center	81	51.9%	81	51.9%		
Stillwater Medical Group	917	76.1%	915	76.2%		
Tri-County Health Care	279	51.6%	274	51.8%		
United Family Medicine	253	49.4%	228	47.8%		
United Hospital District Clinic	86	53.5%	82	52.4%		
Unity Family Healthcare, Family Medical Center	202	62.9%	202	62.9%		
University of Minnesota Physicians	3,359	72.3%	3,276	72.4%	83	68.7%
Valley Family Practice- MHN	42	50.0%	42	50.0%		
Vibrant Health Family Clinics and MN Health Ntwk.	312	78.8%	310	78.7%		
West Side Community Health Services	145	49.7%	71	33.8%	69	63.8%
Williams Integracare Clinic	40	47.5%	40	47.5%		
Winona Health Services	576	61.6%				

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Table 8: Optimal Vascular Care (Medical Group Results) by Country of Origin

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	102,654	69.3%	3,393	72.1%	80,936	69.1%
Affiliated Community Medical Centers	883	71.1%			864	71.2%
Albany Medical Center	70	72.9%			70	72.9%
Alexandria Clinic	518	66.8%			511	66.9%
Allina Health Clinics	8,987	74.6%	419	79.7%	8,439	74.3%
Allina Health Specialties	12,479	72.3%	453	78.6%	11,878	72.1%
Altru Health System	3,007	64.2%				
Apple Valley Medical Clinic	257	80.9%			257	80.9%
Avera Medical Group	236	57.2%			219	56.2%
Burnett Medical Center	116	36.2%				
Burnsville Family Physicians	90	62.2%			88	61.4%
Catalyst Medical Clinic	60	76.7%			40	80.0%
Cedar Riverside People's Center	46	47.8%				
CentraCare Family Health Center	97	50.5%			85	49.4%
CentraCare Health	2,588	71.4%	55	78.2%	2,533	71.3%
Chippewa County Montevideo Hosp. & Med. Clinic	185	69.7%			185	69.7%
Community University Health Care Center	50	28.0%			31	25.8%
Courage Kenny Rehabilitation Institute	38	65.8%			37	67.6%
Cuyuna Regional Medical Center	108	56.0%				
Dawson Clinic	46	67.4%				
Duluth Family Medicine Clinic	49	59.2%			45	60.0%
Entira Family Clinics	1,939	77.3%				
Essentia Health - Central Region	1,509	63.2%			1,482	63.2%
Essentia Health - East Region	5,221	68.0%	95	72.6%	5,104	67.8%
Essentia Health - Fosston	156	68.6%			154	68.2%
Essentia Health - St. Mary's	749	70.0%			737	69.9%
Essentia Health - West	1,280	70.2%	31	71.0%	1,242	70.1%
Fairview Health Services	5,619	71.8%	309	76.1%	5,219	71.4%
Fairview Mesaba Clinics	287	60.6%			285	60.7%
Family Practice Medical Center of Willmar	102	63.7%			99	63.6%
FamilyHealth Medical Clinics	79	39.2%			78	39.7%
FirstLight Health System	344	65.1%			342	65.2%
France Avenue Family Physicians - MHN	105	66.7%			95	66.3%
Gateway Family Health Clinic	275	54.2%				
Glencoe Regional Health Services	167	69.5%			162	69.1%
Glenwood Medical Center	59	52.5%			59	52.5%
Grand Itasca Clinic	597	60.1%			595	60.0%
Gundersen Health System	52	69.2%				
HealthEast Clinics	3,663	63.2%	306	69.6%	3,336	62.6%
HealthPartners Central Minnesota Clinics	263	70.7%			249	71.5%
HealthPartners Clinics	4,739	71.1%	333	73.9%	3,513	70.9%
Hennepin County Medical Center Clinics	1,240	46.4%	255	63.9%	984	41.9%
Hudson Physicians - MN Healthcare Network	331	72.5%			329	72.6%
Hutchinson Health	347	60.2%			345	60.0%
Integrity Health Network	1,466	68.9%			1,430	68.9%
Kittson Memorial Clinic	54	59.3%			54	59.3%
Lake City Family Physicians PC	52	55.8%				
Lake Region Healthcare	379	54.6%			369	54.7%

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Table 8: Optimal Vascular Care (Medical Group Results) by Country of Origin -
continued

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	102,654	69.3%	3,393	72.1%	80,936	69.1%
Lake Superior Community Health Center	31	51.6%				
Lake View Clinic - Two Harbors	86	55.8%			85	56.5%
Lakewood Health Center Clinic	109	49.5%				
Lakewood Health System	175	62.3%			173	61.8%
Mankato Clinic, Ltd.	793	76.0%			751	76.3%
Mayo Clinic	4,257	68.4%				
Mayo Clinic Health System	3,998	69.1%			3,967	69.1%
Mille Lacs Health System	60	56.7%				
Multicare Associates	667	72.9%			576	73.1%
Neighborhood Healthsource	47	70.2%			36	69.4%
New Hope Crystal Medical Clinic	49	46.9%			36	44.4%
North Clinic	1,086	57.6%	40	57.5%	1,034	57.4%
North Memorial	2,989	69.4%	187	70.1%	2,772	69.3%
North Valley Health Center	32	50.0%			31	48.4%
NorthPoint Health & Wellness Center	123	51.2%	58	74.1%	64	31.3%
Northwest Family Physicians	403	59.3%			362	60.8%
Olmsted Medical Center	703	63.4%			664	63.3%
Open Cities Health Center	102	34.3%				
Ortonville Area Health Svcs.-Northside Med. Clinic	239	66.5%			238	66.4%
Park Nicollet Health Services	4,864	78.2%	48	81.3%	525	77.1%
Prairie Ridge Hospital & Health Services	103	38.8%			103	38.8%
Renville County Hospital and Clinics	68	61.8%			66	62.1%
Richfield Medical Group	149	71.8%			145	71.7%
Ridgeview Clinics	320	66.6%				
RiverView Health	41	51.2%			41	51.2%
Riverwood Healthcare Center	218	59.6%			212	58.5%
Sacred Heart Mercy Health Care Center	42	45.2%			42	45.2%
Sanford Health - Fargo Region	5,543	72.5%	109	67.9%	5,356	72.6%
Sanford Health - Sioux Falls Region	5,209	68.1%	102	64.7%	5,105	68.2%
Sawtooth Mountain Clinic	74	59.5%			70	58.6%
Scandia Clinic	43	51.2%			43	51.2%
Scenic Rivers Health Services	126	60.3%			109	64.2%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	33	57.6%			32	56.3%
Sleepy Eye Medical Center	36	58.3%			36	58.3%
St. Luke's Clinics	2,136	67.3%			2,038	67.1%
Stevens Community Medical Center	81	51.9%			79	53.2%
Stillwater Medical Group	917	76.1%			157	75.2%
Tri-County Health Care	279	51.6%			273	51.3%
United Family Medicine	253	49.4%	32	62.5%	219	47.9%
United Hospital District Clinic	86	53.5%			69	49.3%
Unity Family Healthcare, Family Medical Center	202	62.9%				
University of Minnesota Physicians	3,359	72.3%	128	71.1%	3,188	72.4%
Valley Family Practice- MHN	42	50.0%				
Vibrant Health Family Clinics and MN Health Ntwk.	312	78.8%			308	78.6%
West Side Community Health Services	145	49.7%	63	52.4%	48	37.5%
Williams Integracare Clinic	40	47.5%			39	48.7%
Winona Health Services	576	61.6%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 9: Optimal Asthma Control - Adults (Medical Group Results) by Race

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	66,693	52.3%	671	37.4%	1,326	56.0%	5,358	39.1%	543	54.3%
AALFA Family Clinic	67	76.1%								
Advancements in Allergy and Asthma Care	570	86.3%								
Affiliated Community Medical Centers	682	57.6%								
Alexandria Clinic	196	59.7%								
Allergy & Asthma Specialists, PA	713	67.9%					45	57.8%		
Allergy, Asthma & Immunology Clinic	155	59.4%								
Allergy, Asthma & Pulmonary Associates, PA	163	0.0%								
Allina Health Clinics	8,191	71.2%	68	60.3%	160	63.8%	623	57.1%	93	68.8%
Allina Health Specialties	421	62.2%								
Altru Health System	565	0.0%								
Apple Valley Medical Clinic	186	47.3%								
Avera Medical Group	166	3.6%								
Axis Medical Center	31	19.4%								
Boynnton Health Service	168	36.9%								
Burnsville Family Physicians	125	63.2%								
Catalyst Medical Clinic	41	56.1%								
Cedar Riverside People's Center	70	10.0%					46	6.5%		
CentraCare Family Health Center	119	58.0%								
CentraCare Health	816	75.5%								
Central Pediatrics	46	65.2%								
Children's Respiratory & Critical Care Specialists	281	83.6%								
Chippewa County Montevideo Hosp. & Med. Clinic	157	3.8%								
Community University Health Care Center	147	0.0%					64	0.0%		
Cuyuna Regional Medical Center	71	1.4%								
Duluth Family Medicine Clinic	101	23.8%								
Edina Sports Health & Wellness	100	41.0%								
Entira Family Clinics	989	58.0%					51	37.3%		
Essentia Health - Central Region	432	59.3%								
Essentia Health - East Region	1,902	58.1%	47	38.3%			47	44.7%		
Essentia Health - Fosston	66	37.9%								
Essentia Health - St. Mary's	229	51.1%								
Essentia Health - West	766	64.6%								
Fairview Health Services	10,317	67.4%	85	56.5%	251	68.9%	814	52.8%	99	61.6%
Fairview Mesaba Clinics	194	30.4%								
Family Practice Medical Center of Willmar	67	13.4%								
FamilyHealth Medical Clinics	83	30.1%								
FirstLight Health System	137	57.7%								
France Avenue Family Physicians - MHN	100	35.0%								
Gateway Family Health Clinic	111	3.6%								
Glencoe Regional Health Services	99	36.4%								
Grand Itasca Clinic	315	49.5%								
Gundersen Health System	50	34.0%								
HealthEast Clinics	3,294	22.3%								
HealthPartners Central Minnesota Clinics	356	71.1%					30	73.3%		
HealthPartners Clinics	4,510	62.2%	37	43.2%	162	59.9%	766	45.7%	92	52.2%
Hennepin County Medical Center Clinics	1,554	29.4%	39	23.1%			792	23.9%		
Hutchinson Health	110	2.7%								
Integrity Health Network	929	20.1%								
Kittson Memorial Clinic	71	1.4%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 9: Optimal Asthma Control - Adults (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	66,693	52.3%	93	44.1%	320	54.7%	42	28.6%	49,463	56.0%
AALFA Family Clinic	67	76.1%								
Advancements in Allergy and Asthma Care	570	86.3%							507	87.2%
Affiliated Community Medical Centers	682	57.6%							635	58.3%
Alexandria Clinic	196	59.7%							190	60.0%
Allergy & Asthma Specialists, PA	713	67.9%							564	70.4%
Allergy, Asthma & Immunology Clinic	155	59.4%							130	63.8%
Allergy, Asthma & Pulmonary Associates, PA	163	0.0%							157	0.0%
Allina Health Clinics	8,191	71.2%							7,044	72.6%
Allina Health Specialties	421	62.2%							387	64.3%
Altru Health System	565	0.0%							501	0.0%
Apple Valley Medical Clinic	186	47.3%								
Avera Medical Group	166	3.6%							126	2.4%
Axis Medical Center	31	19.4%								
Boynton Health Service	168	36.9%							130	37.7%
Burnsville Family Physicians	125	63.2%							115	65.2%
Catalyst Medical Clinic	41	56.1%								
Cedar Riverside People's Center	70	10.0%								
CentraCare Family Health Center	119	58.0%							88	62.5%
CentraCare Health	816	75.5%							746	75.5%
Central Pediatrics	46	65.2%							38	65.8%
Children's Respiratory & Critical Care Specialists	281	83.6%								
Chippewa County Montevideo Hosp. & Med. Clinic	157	3.8%							147	4.1%
Community University Health Care Center	147	0.0%							49	0.0%
Cuyuna Regional Medical Center	71	1.4%								
Duluth Family Medicine Clinic	101	23.8%							76	27.6%
Edina Sports Health & Wellness	100	41.0%								
Entira Family Clinics	989	58.0%							801	59.3%
Essentia Health - Central Region	432	59.3%							416	59.9%
Essentia Health - East Region	1,902	58.1%							1,769	59.2%
Essentia Health - Fosston	66	37.9%							63	36.5%
Essentia Health - St. Mary's	229	51.1%							199	50.3%
Essentia Health - West	766	64.6%							717	65.7%
Fairview Health Services	10,317	67.4%			152	67.1%			8,423	69.4%
Fairview Mesaba Clinics	194	30.4%							187	30.5%
Family Practice Medical Center of Willmar	67	13.4%								
FamilyHealth Medical Clinics	83	30.1%							79	29.1%
FirstLight Health System	137	57.7%							132	59.8%
France Avenue Family Physicians - MHN	100	35.0%								
Gateway Family Health Clinic	111	3.6%							103	3.9%
Glencoe Regional Health Services	99	36.4%							96	36.5%
Grand Itasca Clinic	315	49.5%							303	49.8%
Gundersen Health System	50	34.0%							50	34.0%
HealthEast Clinics	3,294	22.3%								
HealthPartners Central Minnesota Clinics	356	71.1%							299	73.2%
HealthPartners Clinics	4,510	62.2%			69	59.4%			3,139	67.3%
Hennepin County Medical Center Clinics	1,554	29.4%							368	33.4%
Hutchinson Health	110	2.7%							106	2.8%
Integrity Health Network	929	20.1%								
Kittson Memorial Clinic	71	1.4%							69	1.4%

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 9: Optimal Asthma Control - Adults (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	66,693	52.3%	671	37.4%	1,326	56.0%	5,358	39.1%	543	54.3%
Lake City Family Physicians PC	54	0.0%								
Lake Region Healthcare	102	21.6%								
Lakewood Health System	121	47.1%								
Mankato Clinic, Ltd.	664	60.1%								
Mayo Clinic	1,016	37.8%								
Mayo Clinic Health System	1,830	50.7%								
Midwest Ear, Nose & Throat Specialists	86	57.0%								
Minnesota Allergy & Asthma Clinic, PA	108	85.2%								
MN Lung Center/MN Sleep Institute	238	54.2%								
Multicare Associates	357	39.8%								
Murray County Clinic	48	0.0%								
Native American Community Clinic	36	47.2%								
Neighborhood Healthsource	103	11.7%					51	7.8%		
North Clinic	810	0.0%					73	0.0%		
North Memorial	881	43.0%					134	30.6%		
NorthPoint Health & Wellness Center	259	16.6%					194	17.0%		
Northwest Family Physicians	367	61.3%								
Olmsted Medical Center	616	71.6%								
Open Cities Health Center	74	20.3%								
Open Door Health Center	46	19.6%								
Ortonville Area Health Svcs.-Northside Med. Clinic	85	34.1%								
Park Nicollet Health Services	6,679	63.0%			244	57.0%	632	44.8%	50	56.0%
Parkview Medical Clinic - MN Healthcare Network	45	11.1%								
Prairie Ridge Hospital & Health Services	67	0.0%								
Renville County Hospital and Clinics	31	12.9%								
Ridgeview Clinics	270	0.0%								
RiverView Health	61	8.2%								
Riverwood Healthcare Center	84	0.0%								
Sanford Health - Fargo Region	2,460	49.2%	56	32.1%			39	33.3%	51	47.1%
Sanford Health - Sioux Falls Region	3,390	28.9%	66	22.7%	37	29.7%	76	23.7%		
Sawtooth Mountain Clinic	36	13.9%								
Scenic Rivers Health Services	38	26.3%								
South Lake Pediatrics	195	86.2%								
Southdale Allergy & Asthma Clinic	60	65.0%								
Southdale Pediatric Associates, Ltd	153	79.9%								
Southside Community Health Services	64	21.9%								
St. Luke's Clinics	691	30.4%								
St. Paul Allergy & Asthma Clinic, P.A.	78	94.9%								
Stevens Community Medical Center	106	0.0%								
Stillwater Medical Group	422	58.5%								
Tri-County Health Care	139	0.0%								
United Family Medicine	328	44.2%								
Unity Family Healthcare, Family Medical Center	294	1.4%								
University of Minnesota Physicians	776	32.3%								
Vibrant Health Family Clinics and MN Health Ntwk.	151	15.2%								
Wayzata Children's Clinic	73	82.2%								
West Side Community Health Services	224	18.3%			30	33.3%	57	17.5%		
Winona Health Services	274	16.1%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 9: Optimal Asthma Control - Adults (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	66,693	52.3%	93	44.1%	320	54.7%	42	28.6%	49,463	56.0%
Lake City Family Physicians PC	54	0.0%								
Lake Region Healthcare	102	21.6%							89	20.2%
Lakewood Health System	121	47.1%							114	48.2%
Mankato Clinic, Ltd.	664	60.1%							583	61.9%
Mayo Clinic	1,016	37.8%								
Mayo Clinic Health System	1,830	50.7%								
Midwest Ear, Nose & Throat Specialists	86	57.0%								
Minnesota Allergy & Asthma Clinic, PA	108	85.2%							97	84.5%
MN Lung Center/MN Sleep Institute	238	54.2%								
Multicare Associates	357	39.8%							264	41.3%
Murray County Clinic	48	0.0%								
Native American Community Clinic	36	47.2%								
Neighborhood Healthsource	103	11.7%							32	18.8%
North Clinic	810	0.0%							676	0.0%
North Memorial	881	43.0%							701	45.6%
NorthPoint Health & Wellness Center	259	16.6%								
Northwest Family Physicians	367	61.3%							308	62.7%
Olmsted Medical Center	616	71.6%								
Open Cities Health Center	74	20.3%								
Open Door Health Center	46	19.6%							39	20.5%
Ortonville Area Health Svcs.-Northside Med. Clinic	85	34.1%							83	34.9%
Park Nicollet Health Services	6,679	63.0%			33	48.5%			5459	65.9%
Parkview Medical Clinic - MN Healthcare Network	45	11.1%								
Prairie Ridge Hospital & Health Services	67	0.0%							65	0.0%
Renville County Hospital and Clinics	31	12.9%								
Ridgeview Clinics	270	0.0%							246	0.0%
RiverView Health	61	8.2%							56	8.9%
Riverwood Healthcare Center	84	0.0%							72	0.0%
Sanford Health - Fargo Region	2,460	49.2%							2,238	50.3%
Sanford Health - Sioux Falls Region	3,390	28.9%							3,172	29.1%
Sawtooth Mountain Clinic	36	13.9%							31	16.1%
Scenic Rivers Health Services	38	26.3%							36	27.8%
South Lake Pediatrics	195	86.2%							173	85.5%
Southdale Allergy & Asthma Clinic	60	65.0%								
Southdale Pediatric Associates, Ltd	153	79.9%							110	71.8%
Southside Community Health Services	64	21.9%								
St. Luke's Clinics	691	30.4%							642	31.2%
St. Paul Allergy & Asthma Clinic, P.A.	78	94.9%							65	95.4%
Stevens Community Medical Center	106	0.0%							98	0.0%
Stillwater Medical Group	422	58.5%							390	58.2%
Tri-County Health Care	139	0.0%							133	0.0%
United Family Medicine	328	44.2%								
Unity Family Healthcare, Family Medical Center	294	1.4%							288	1.4%
University of Minnesota Physicians	776	32.3%								
Vibrant Health Family Clinics and MN Health Ntwk.	151	15.2%							147	15.6%
Wayzata Children's Clinic	73	82.2%							67	82.1%
West Side Community Health Services	224	18.3%							128	16.4%
Winona Health Services	274	16.1%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

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Table 10: Optimal Asthma Control - Adults (Medical Group Results) by Hispanic Ethnicity

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	66,693	52.3%	1,656	46.5%	58,123	54.4%
AALFA Family Clinic	67	76.1%			65	76.2%
Advancements in Allergy and Asthma Care	570	86.3%			557	86.9%
Affiliated Community Medical Centers	682	57.6%	39	48.7%	642	58.1%
Alexandria Clinic	196	59.7%			194	59.3%
Allergy & Asthma Specialists, PA	713	67.9%			695	68.5%
Allergy, Asthma & Immunology Clinic	155	59.4%			150	59.3%
Allergy, Asthma & Pulmonary Associates, PA	163	0.0%			163	0.0%
Allina Health Clinics	8,191	71.2%	259	70.3%	7,932	71.3%
Allina Health Specialties	421	62.2%			412	62.9%
Altru Health System	565	0.0%			556	0.0%
Apple Valley Medical Clinic	186	47.3%				
Avera Medical Group	166	3.6%			142	3.5%
Axis Medical Center	31	19.4%			31	19.4%
Boynton Health Service	168	36.9%			164	36.6%
Burnsville Family Physicians	125	63.2%			123	64.2%
Catalyst Medical Clinic	41	56.1%				
Cedar Riverside People's Center	70	10.0%			69	10.1%
CentraCare Family Health Center	119	58.0%			117	58.1%
CentraCare Health	816	75.5%			805	75.3%
Central Pediatrics	46	65.2%			46	65.2%
Children's Respiratory & Critical Care Specialists	281	83.6%				
Chippewa County Montevideo Hosp. & Med. Clinic	157	3.8%			152	3.9%
Community University Health Care Center	147	0.0%			129	0.0%
Cuyuna Regional Medical Center	71	1.4%				
Duluth Family Medicine Clinic	101	23.8%			100	24.0%
Edina Sports Health & Wellness	100	41.0%				
Entira Family Clinics	989	58.0%	31	58.1%	910	58.6%
Essentia Health - Central Region	432	59.3%			425	59.5%
Essentia Health - East Region	1,902	58.1%			1,888	58.1%
Essentia Health - Fosston	66	37.9%			66	37.9%
Essentia Health - St. Mary's	229	51.1%			224	51.8%
Essentia Health - West	766	64.6%			755	65.2%
Fairview Health Services	10,317	67.4%	101	66.3%	10,216	67.4%
Fairview Mesaba Clinics	194	30.4%			194	30.4%
Family Practice Medical Center of Willmar	67	13.4%				
FamilyHealth Medical Clinics	83	30.1%			83	30.1%
FirstLight Health System	137	57.7%			136	58.1%
France Avenue Family Physicians - MHN	100	35.0%				
Gateway Family Health Clinic	111	3.6%			107	3.7%
Glencoe Regional Health Services	99	36.4%			94	37.2%
Grand Itasca Clinic	315	49.5%			314	49.4%
Gundersen Health System	50	34.0%			50	34.0%
HealthEast Clinics	3,294	22.3%				
HealthPartners Central Minnesota Clinics	356	71.1%			352	71.3%
HealthPartners Clinics	4,510	62.2%	155	58.7%	4,275	62.5%
Hennepin County Medical Center Clinics	1,554	29.4%	261	39.5%	1,256	27.4%
Hutchinson Health	110	2.7%			107	2.8%
Integrity Health Network	929	20.1%				
Kittson Memorial Clinic	71	1.4%			69	1.4%

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Table 10: Optimal Asthma Control - Adults (Medical Group Results) by Hispanic Ethnicity - *continued*

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	66,693	52.3%	1,656	46.5%	58,123	54.4%
Lake City Family Physicians PC	54	0.0%				
Lake Region Healthcare	102	21.6%			100	21.0%
Lakewood Health System	121	47.1%			120	47.5%
Mankato Clinic, Ltd.	664	60.1%			637	60.1%
Mayo Clinic	1,016	37.8%				
Mayo Clinic Health System	1,830	50.7%				
Midwest Ear, Nose & Throat Specialists	86	57.0%				
Minnesota Allergy & Asthma Clinic, PA	108	85.2%			106	85.8%
MN Lung Center/MN Sleep Institute	238	54.2%				
Multicare Associates	357	39.8%			352	40.1%
Murray County Clinic	48	0.0%				
Native American Community Clinic	36	47.2%				
Neighborhood Healthsource	103	11.7%			88	12.5%
North Clinic	810	0.0%			797	0.0%
North Memorial	881	43.0%			867	42.8%
NorthPoint Health & Wellness Center	259	16.6%			228	14.9%
Northwest Family Physicians	367	61.3%			340	62.4%
Olmsted Medical Center	616	71.6%				
Open Cities Health Center	74	20.3%				
Open Door Health Center	46	19.6%			36	19.4%
Ortonville Area Health Svcs.-Northside Med. Clinic	85	34.1%			85	34.1%
Park Nicollet Health Services	6,679	63.0%	169	56.2%	6,493	63.2%
Parkview Medical Clinic - MN Healthcare Network	45	11.1%				
Prairie Ridge Hospital & Health Services	67	0.0%			67	0.0%
Renville County Hospital and Clinics	31	12.9%				
Ridgeview Clinics	270	0.0%			257	0.0%
RiverView Health	61	8.2%			58	8.6%
Riverwood Healthcare Center	84	0.0%			84	0.0%
Sanford Health - Fargo Region	2,460	49.2%	49	40.8%	2,401	49.4%
Sanford Health - Sioux Falls Region	3,390	28.9%	83	30.1%	3,304	28.9%
Sawtooth Mountain Clinic	36	13.9%			36	13.9%
Scenic Rivers Health Services	38	26.3%			37	27.0%
South Lake Pediatrics	195	86.2%			190	86.3%
Southdale Allergy & Asthma Clinic	60	65.0%				
Southdale Pediatric Associates, Ltd	153	79.9%			124	72.6%
Southside Community Health Services	64	21.9%				
St. Luke's Clinics	691	30.4%			680	30.6%
St. Paul Allergy & Asthma Clinic, P.A.	78	94.9%			72	94.4%
Stevens Community Medical Center	106	0.0%			103	0.0%
Stillwater Medical Group	422	58.5%			416	58.4%
Tri-County Health Care	139	0.0%			137	0.0%
United Family Medicine	328	44.2%				
Unity Family Healthcare, Family Medical Center	294	1.4%			292	1.4%
University of Minnesota Physicians	776	32.3%				
Vibrant Health Family Clinics and MN Health Ntwk.	151	15.2%			151	15.2%
Wayzata Children's Clinic	73	82.2%			72	83.3%
West Side Community Health Services	224	18.3%	92	15.2%	127	21.3%
Winona Health Services	274	16.1%				

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Table 11: Optimal Asthma Control - Adults (Medical Group Results) by Preferred Language

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Non-English N	Non-English Rate
STATEWIDE AVERAGE	66,693	52.3%	64,952	52.6%	1,408	37.6%
AALFA Family Clinic	67	76.1%	65	76.9%		
Advancements in Allergy and Asthma Care	570	86.3%	551	86.6%		
Affiliated Community Medical Centers	682	57.6%	661	58.2%		
Alexandria Clinic	196	59.7%	196	59.7%		
Allergy & Asthma Specialists, PA	713	67.9%	649	68.9%		
Allergy, Asthma & Immunology Clinic	155	59.4%	142	61.3%		
Allergy, Asthma & Pulmonary Associates, PA	163	0.0%	158	0.0%		
Allina Health Clinics	8,191	71.2%	8,110	71.4%	81	56.8%
Allina Health Specialties	421	62.2%	414	62.6%		
Altru Health System	565	0.0%	562	0.0%		
Apple Valley Medical Clinic	186	47.3%	185	47.6%		
Avera Medical Group	166	3.6%	152	3.9%		
Axis Medical Center	31	19.4%				
Boydton Health Service	168	36.9%	162	37.7%		
Burnsville Family Physicians	125	63.2%	124	63.7%		
Catalyst Medical Clinic	41	56.1%	37	54.1%		
Cedar Riverside People's Center	70	10.0%	47	12.8%		
CentraCare Family Health Center	119	58.0%	108	59.3%		
CentraCare Health	816	75.5%	799	75.2%		
Central Pediatrics	46	65.2%	45	66.7%		
Children's Respiratory & Critical Care Specialists	281	83.6%	277	83.8%		
Chippewa County Montevideo Hosp. & Med. Clinic	157	3.8%	155	3.9%		
Community University Health Care Center	147	0.0%	126	0.0%		
Cuyuna Regional Medical Center	71	1.4%	71	1.4%		
Duluth Family Medicine Clinic	101	23.8%	100	24.0%		
Edina Sports Health & Wellness	100	41.0%	99	41.4%		
Entira Family Clinics	989	58.0%	917	58.8%		
Essentia Health - Central Region	432	59.3%	432	59.3%		
Essentia Health - East Region	1,902	58.1%	1,899	58.0%		
Essentia Health - Fosston	66	37.9%	66	37.9%		
Essentia Health - St. Mary's	229	51.1%	228	51.3%		
Essentia Health - West	766	64.6%	763	64.9%		
Fairview Health Services	10,317	67.4%	10,183	67.6%	134	50.0%
Fairview Mesaba Clinics	194	30.4%	194	30.4%		
Family Practice Medical Center of Willmar	67	13.4%	62	9.7%		
FamilyHealth Medical Clinics	83	30.1%	82	30.5%		
FirstLight Health System	137	57.7%	137	57.7%		
France Avenue Family Physicians - MHN	100	35.0%	90	35.6%		
Gateway Family Health Clinic	111	3.6%	110	3.6%		
Glencoe Regional Health Services	99	36.4%	97	37.1%		
Grand Itasca Clinic	315	49.5%	314	49.4%		
Gundersen Health System	50	34.0%	50	34.0%		
HealthEast Clinics	3,294	22.3%	3,187	22.3%	106	20.8%
HealthPartners Central Minnesota Clinics	356	71.1%	344	71.5%		
HealthPartners Clinics	4,510	62.2%	4,438	62.5%	71	42.3%
Hennepin County Medical Center Clinics	1,554	29.4%	1,354	27.6%	200	41.5%
Hutchinson Health	110	2.7%	110	2.7%		
Integrity Health Network	929	20.1%				
Kittson Memorial Clinic	71	1.4%	71	1.4%		

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Table 11: Optimal Asthma Control - Adults (Medical Group Results) by Preferred Language - *continued*

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Non-English N	Non-English Rate
STATEWIDE AVERAGE	66,693	52.3%	64,952	52.6%	1,408	37.6%
Lake City Family Physicians PC	54	0.0%				
Lake Region Healthcare	102	21.6%	101	21.8%		
Lakewood Health System	121	47.1%	121	47.1%		
Mankato Clinic, Ltd.	664	60.1%	629	61.5%		
Mayo Clinic	1,016	37.8%	950	39.1%	42	11.9%
Mayo Clinic Health System	1,830	50.7%	1,811	50.8%		
Midwest Ear, Nose & Throat Specialists	86	57.0%	67	53.7%		
Minnesota Allergy & Asthma Clinic, PA	108	85.2%	102	85.3%		
MN Lung Center/MN Sleep Institute	238	54.2%	210	56.2%		
Multicare Associates	357	39.8%	310	41.9%		
Murray County Clinic	48	0.0%	48	0.0%		
Native American Community Clinic	36	47.2%	36	47.2%		
Neighborhood Healthsource	103	11.7%	96	12.5%		
North Clinic	810	0.0%	803	0.0%		
North Memorial	881	43.0%	876	43.2%		
NorthPoint Health & Wellness Center	259	16.6%	228	15.8%	31	22.6%
Northwest Family Physicians	367	61.3%	346	62.7%		
Olmsted Medical Center	616	71.6%	594	71.7%		
Open Cities Health Center	74	20.3%	67	17.9%		
Open Door Health Center	46	19.6%	39	20.5%		
Ortonville Area Health Svcs.-Northside Med. Clinic	85	34.1%	85	34.1%		
Park Nicollet Health Services	6,679	63.0%	6,547	63.4%	124	47.6%
Parkview Medical Clinic - MN Healthcare Network	45	11.1%	45	11.1%		
Prairie Ridge Hospital & Health Services	67	0.0%	67	0.0%		
Renville County Hospital and Clinics	31	12.9%	30	13.3%		
Ridgeview Clinics	270	0.0%	266	0.0%		
RiverView Health	61	8.2%	61	8.2%		
Riverwood Healthcare Center	84	0.0%	83	0.0%		
Sanford Health - Fargo Region	2,460	49.2%	2,435	49.2%		
Sanford Health - Sioux Falls Region	3,390	28.9%	3,350	29.0%	33	21.2%
Sawtooth Mountain Clinic	36	13.9%	36	13.9%		
Scenic Rivers Health Services	38	26.3%	38	26.3%		
South Lake Pediatrics	195	86.2%	191	85.9%		
Southdale Allergy & Asthma Clinic	60	65.0%				
Southdale Pediatric Associates, Ltd	153	79.9%	127	74.0%		
Southside Community Health Services	64	21.9%	55	18.2%		
St. Luke's Clinics	691	30.4%	681	30.5%		
St. Paul Allergy & Asthma Clinic, P.A.	78	94.9%	75	96.0%		
Stevens Community Medical Center	106	0.0%	106	0.0%		
Stillwater Medical Group	422	58.5%	422	58.5%		
Tri-County Health Care	139	0.0%	139	0.0%		
United Family Medicine	328	44.2%	313	44.1%		
Unity Family Healthcare, Family Medical Center	294	1.4%	294	1.4%		
University of Minnesota Physicians	776	32.3%	708	30.4%	68	52.9%
Vibrant Health Family Clinics and MN Health Ntwk.	151	15.2%	151	15.2%		
Wayzata Children's Clinic	73	82.2%	70	81.4%		
West Side Community Health Services	224	18.3%	122	18.0%	99	19.2%
Winona Health Services	274	16.1%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 12: Optimal Asthma Control - Adults (Medical Group Results) by Country of Origin

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	66,693	52.3%	2,731	44.2%	51,594	53.0%
AALFA Family Clinic	67	76.1%				
Advancements in Allergy and Asthma Care	570	86.3%	33	84.8%	531	86.6%
Affiliated Community Medical Centers	682	57.6%			651	58.5%
Alexandria Clinic	196	59.7%			192	59.4%
Allergy & Asthma Specialists, PA	713	67.9%	33	57.6%	642	68.8%
Allergy, Asthma & Immunology Clinic	155	59.4%			137	62.0%
Allergy, Asthma & Pulmonary Associates, PA	163	0.0%			155	0.0%
Allina Health Clinics	8,191	71.2%	330	63.6%	7,701	71.6%
Allina Health Specialties	421	62.2%			405	63.2%
Altru Health System	565	0.0%				
Apple Valley Medical Clinic	186	47.3%			167	47.3%
Avera Medical Group	166	3.6%			150	4.0%
Axis Medical Center	31	19.4%				
Boynton Health Service	168	36.9%			143	37.8%
Burnsville Family Physicians	125	63.2%			123	64.2%
Catalyst Medical Clinic	41	56.1%			34	55.9%
Cedar Riverside People's Center	70	10.0%			35	11.4%
CentraCare Family Health Center	119	58.0%			106	60.4%
CentraCare Health	816	75.5%	31	77.4%	785	75.4%
Central Pediatrics	46	65.2%			44	68.2%
Children's Respiratory & Critical Care Specialists	281	83.6%			264	83.7%
Chippewa County Montevideo Hosp. & Med. Clinic	157	3.8%			154	3.9%
Community University Health Care Center	147	0.0%	31	0.0%	59	0.0%
Cuyuna Regional Medical Center	71	1.4%				
Duluth Family Medicine Clinic	101	23.8%			99	23.2%
Edina Sports Health & Wellness	100	41.0%			97	41.2%
Entira Family Clinics	989	58.0%				
Essentia Health - Central Region	432	59.3%			420	59.0%
Essentia Health - East Region	1,902	58.1%	47	59.6%	1,839	58.0%
Essentia Health - Fosston	66	37.9%			65	36.9%
Essentia Health - St. Mary's	229	51.1%			220	51.4%
Essentia Health - West	766	64.6%			734	66.1%
Fairview Health Services	10,317	67.4%	455	62.0%	9,645	67.7%
Fairview Mesaba Clinics	194	30.4%			194	30.4%
Family Practice Medical Center of Willmar	67	13.4%			65	13.8%
FamilyHealth Medical Clinics	83	30.1%			79	30.4%
FirstLight Health System	137	57.7%			135	58.5%
France Avenue Family Physicians - MHN	100	35.0%			80	37.5%
Gateway Family Health Clinic	111	3.6%				
Glencoe Regional Health Services	99	36.4%			97	37.1%
Grand Itasca Clinic	315	49.5%			311	49.5%
Gundersen Health System	50	34.0%				
HealthEast Clinics	3,294	22.3%	293	17.4%	2,987	22.8%
HealthPartners Central Minnesota Clinics	356	71.1%			332	72.3%
HealthPartners Clinics	4,510	62.2%	271	56.1%	3,381	63.1%
Hennepin County Medical Center Clinics	1,554	29.4%	268	38.4%	1,285	27.5%
Hutchinson Health	110	2.7%			105	2.9%
Integrity Health Network	929	20.1%			913	20.0%
Kittson Memorial Clinic	71	1.4%			68	1.5%

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Table 12: Optimal Asthma Control - Adults (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	66,693	52.3%	2,731	44.2%	51,594	53.0%
Lake City Family Physicians PC	54	0.0%				
Lake Region Healthcare	102	21.6%			95	21.1%
Lakewood Health System	121	47.1%			120	47.5%
Mankato Clinic, Ltd.	664	60.1%			620	61.0%
Mayo Clinic	1,016	37.8%				
Mayo Clinic Health System	1,830	50.7%			1,821	51.0%
Midwest Ear, Nose & Throat Specialists	86	57.0%				
Minnesota Allergy & Asthma Clinic, PA	108	85.2%			96	85.4%
MN Lung Center/MN Sleep Institute	238	54.2%				
Multicare Associates	357	39.8%			304	41.1%
Murray County Clinic	48	0.0%	48	0.0%		
Native American Community Clinic	36	47.2%				
Neighborhood Healthsource	103	11.7%			88	11.4%
North Clinic	810	0.0%			756	0.0%
North Memorial	881	43.0%	31	51.6%	844	42.8%
NorthPoint Health & Wellness Center	259	16.6%				
Northwest Family Physicians	367	61.3%			314	62.4%
Olmsted Medical Center	616	71.6%			578	71.5%
Open Cities Health Center	74	20.3%				
Open Door Health Center	46	19.6%			38	21.1%
Ortonville Area Health Svcs.-Northside Med. Clinic	85	34.1%			85	34.1%
Park Nicollet Health Services	6,679	63.0%	39	64.1%	678	61.8%
Parkview Medical Clinic - MN Healthcare Network	45	11.1%			45	11.1%
Prairie Ridge Hospital & Health Services	67	0.0%			65	0.0%
Renville County Hospital and Clinics	31	12.9%			31	12.9%
Ridgeview Clinics	270	0.0%				
RiverView Health	61	8.2%			59	8.5%
Riverwood Healthcare Center	84	0.0%			80	0.0%
Sanford Health - Fargo Region	2,460	49.2%	68	48.5%	2,310	49.0%
Sanford Health - Sioux Falls Region	3,390	28.9%	70	24.3%	3,304	29.1%
Sawtooth Mountain Clinic	36	13.9%				
Scenic Rivers Health Services	38	26.3%			30	26.7%
South Lake Pediatrics	195	86.2%			187	86.1%
Southdale Allergy & Asthma Clinic	60	65.0%				
Southdale Pediatric Associates, Ltd	153	79.9%			123	74.8%
Southside Community Health Services	64	21.9%			55	20.0%
St. Luke's Clinics	691	30.4%			672	30.4%
St. Paul Allergy & Asthma Clinic, P.A.	78	94.9%			67	95.5%
Stevens Community Medical Center	106	0.0%			102	0.0%
Stillwater Medical Group	422	58.5%			74	58.1%
Tri-County Health Care	139	0.0%			138	0.0%
United Family Medicine	328	44.2%			306	45.1%
Unity Family Healthcare, Family Medical Center	294	1.4%			284	1.4%
University of Minnesota Physicians	776	32.3%	87	47.1%	637	29.8%
Vibrant Health Family Clinics and MN Health Ntwk.	151	15.2%			151	15.2%
Wayzata Children's Clinic	73	82.2%			70	82.9%
West Side Community Health Services	224	18.3%	85	17.6%	101	20.8%
Winona Health Services	274	16.1%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 13: Optimal Asthma Control - Children (Medical Group Results) by Race

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	43,349	59.3%	589	41.7%	1,182	67.2%	5,015	55.1%	949	62.3%
Advancements in Allergy and Asthma Care	468	91.7%								
Affiliated Community Medical Centers	396	66.7%					32	56.3%		
Alexandria Clinic	234	37.2%								
All About Children Pediatrics - CHN	46	80.4%								
Allergy & Asthma Specialists, PA	356	73.6%					53	66.0%		
Allergy, Asthma & Immunology Clinic	155	65.8%					31	48.4%		
Allergy, Asthma & Pulmonary Associates, PA	195	0.0%								
Allina Health Clinics	3,510	70.9%			106	71.7%	350	68.6%	173	67.6%
Allina Health Specialties	151	66.9%								
Altru Health System	494	0.0%	44	0.0%						
Apple Valley Medical Clinic	30	16.7%								
Avera Medical Group	188	4.3%								
CentraCare Family Health Center	49	61.2%								
CentraCare Health	866	83.4%					79	72.2%	42	78.6%
Central Pediatrics	120	73.3%								
Children's Hospitals and Clinics of MN	2,697	57.2%								
Children's Respiratory & Critical Care Specialists	2,233	75.9%								
Chippewa County Montevideo Hosp. & Med. Clinic	66	12.1%								
Community University Health Care Center	99	0.0%					52	0.0%		
Eagan Valley Pediatrics	36	63.9%								
Entira Family Clinics	231	52.8%					42	47.6%		
Essentia Health - Central Region	175	60.6%								
Essentia Health - East Region	1,126	62.8%	52	55.8%			51	70.6%		
Essentia Health - St. Mary's	129	55.0%								
Essentia Health - West	422	67.8%								
Fairview Health Services	4,278	67.4%	34	58.8%	141	58.2%	708	63.4%	80	68.8%
Fairview Mesaba Clinics	69	18.8%								
Family Practice Medical Center of Willmar	41	24.4%								
FamilyHealth Medical Clinics	55	10.9%								
FirstLight Health System	71	50.7%								
Fridley Children's & Teenagers' Medical Ctr. - CPN	87	64.4%								
Gateway Family Health Clinic	70	7.1%								
Glencoe Regional Health Services	57	45.6%								
Grand Itasca Clinic	184	61.4%								
HealthEast Clinics	1,873	26.3%								
HealthPartners Central Minnesota Clinics	157	72.6%					48	64.6%		
HealthPartners Clinics	3,146	66.3%			167	71.9%	950	57.9%	169	62.1%
Hennepin County Medical Center Clinics	1,279	57.5%					580	56.0%		
Hutchinson Health	112	22.3%								
Integrity Health Network	516	35.5%								
Kittson Memorial Clinic	40	2.5%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

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Table 13: Optimal Asthma Control - Children (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	43,349	59.3%	63	60.3%	405	59.2%	34	26.5%	25,368	61.7%
Advancements in Allergy and Asthma Care	468	91.7%							394	92.4%
Affiliated Community Medical Centers	396	66.7%							337	68.0%
Alexandria Clinic	234	37.2%							212	36.8%
All About Children Pediatrics - CHN	46	80.4%							34	79.4%
Allergy & Asthma Specialists, PA	356	73.6%							226	74.8%
Allergy, Asthma & Immunology Clinic	155	65.8%							103	73.8%
Allergy, Asthma & Pulmonary Associates, PA	195	0.0%							179	0.0%
Allina Health Clinics	3,510	70.9%							2,689	71.8%
Allina Health Specialties	151	66.9%							149	66.4%
Altru Health System	494	0.0%							402	0.0%
Apple Valley Medical Clinic	30	16.7%								
Avera Medical Group	188	4.3%							99	5.1%
CentraCare Family Health Center	49	61.2%								
CentraCare Health	866	83.4%							698	85.2%
Central Pediatrics	120	73.3%							87	74.7%
Children's Hospitals and Clinics of MN	2,697	57.2%								
Children's Respiratory & Critical Care Specialists	2,233	75.9%								
Chippewa County Montevideo Hosp. & Med. Clinic	66	12.1%							52	11.5%
Community University Health Care Center	99	0.0%								
Eagan Valley Pediatrics	36	63.9%								
Entira Family Clinics	231	52.8%							131	56.5%
Essentia Health - Central Region	175	60.6%							159	61.6%
Essentia Health - East Region	1126	62.8%							982	63.0%
Essentia Health - St. Mary's	129	55.0%							97	51.5%
Essentia Health - West	422	67.8%							387	68.0%
Fairview Health Services	4,278	67.4%			174	65.5%			2,824	69.5%
Fairview Mesaba Clinics	69	18.8%							64	20.3%
Family Practice Medical Center of Willmar	41	24.4%								
FamilyHealth Medical Clinics	55	10.9%							46	13.0%
FirstLight Health System	71	50.7%							60	55.0%
Fridley Children's & Teenagers' Medical Ctr. - CPN	87	64.4%							59	64.4%
Gateway Family Health Clinic	70	7.1%							65	7.7%
Glencoe Regional Health Services	57	45.6%							56	46.4%
Grand Itasca Clinic	184	61.4%							180	62.8%
HealthEast Clinics	1,873	26.3%								
HealthPartners Central Minnesota Clinics	157	72.6%							79	73.4%
HealthPartners Clinics	3,146	66.3%			93	57.0%			1,487	72.0%
Hennepin County Medical Center Clinics	1,279	57.5%							73	57.5%
Hutchinson Health	112	22.3%							102	23.5%
Integrity Health Network	516	35.5%								
Kittson Memorial Clinic	40	2.5%							37	2.7%

AA = African American

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NH = Native Hawaiian

PI = Pacific Islander

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Table 13: Optimal Asthma Control - Children (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	43,349	59.3%	589	41.7%	1,182	67.2%	5,015	55.1%	949	62.3%
Lake City Family Physicians PC	32	0.0%								
Lake Region Healthcare	57	31.6%								
Lakewood Health System	73	45.2%								
Mankato Clinic, Ltd.	535	77.0%								
Mayo Clinic	791	62.2%								
Mayo Clinic Health System	1,077	62.7%								
Mendakota Pediatrics Ltd	56	46.4%								
Midwest Ear, Nose & Throat Specialists	44	70.5%								
Multicare Associates	97	30.9%								
Native American Community Clinic	80	62.5%								
Neighborhood Healthsource	54	20.4%					34	20.6%		
North Clinic	163	0.0%								
North Memorial	148	31.8%					48	20.8%		
NorthPoint Health & Wellness Center	224	33.9%					173	29.5%		
Northwest Family Physicians	85	65.9%								
Olmsted Medical Center	328	85.1%								
Open Cities Health Center	41	29.3%								
Park Nicollet Health Services	3,336	70.4%	30	66.7%	214	73.8%	684	57.2%	55	67.3%
Pediatric Services - Children's Physician Network	186	71.0%								
Prairie Ridge Hospital & Health Services	33	0.0%								
Ridgeview Clinics	46	0.0%								
RiverView Health	59	8.5%								
Riverwood Healthcare Center	62	0.0%								
Sanford Health - Fargo Region	1,622	54.4%	47	38.3%			71	56.3%	100	42.0%
Sanford Health - Sioux Falls Region	3,038	49.4%	142	34.5%	44	47.7%	136	41.9%		
Scenic Rivers Health Services	39	23.1%								
South Lake Pediatrics	1,265	89.9%			58	96.6%	117	86.3%	60	86.7%
Southdale Allergy & Asthma Clinic	60	68.3%								
Southdale Pediatric Associates, Ltd	180	59.6%								
St. Luke's Clinics	330	43.6%								
St. Paul Allergy & Asthma Clinic, P.A.	42	90.5%								
Stevens Community Medical Center	34	17.6%								
Stillwater Medical Group	146	67.8%								
Tri-County Health Care	75	0.0%								
United Family Medicine	119	26.1%								
Unity Family Healthcare, Family Medical Center	226	10.2%								
University of Minnesota Physicians	431	42.7%								
Vibrant Health Family Clinics and MN Health Ntwk.	93	8.6%								
Wayzata Children's Clinic	524	80.9%								
West Side Community Health Services	231	39.0%					56	26.8%		
Winona Health Services	129	25.6%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 13: Optimal Asthma Control - Children (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	43,349	59.3%	63	60.3%	405	59.2%	34	26.5%	25,368	61.7%
Lake City Family Physicians PC	32	0.0%								
Lake Region Healthcare	57	31.6%							55	30.9%
Lakewood Health System	73	45.2%							71	45.1%
Mankato Clinic, Ltd.	535	77.0%							426	77.2%
Mayo Clinic	791	62.2%								
Mayo Clinic Health System	1,077	62.7%								
Mendakota Pediatrics Ltd	56	46.4%								
Midwest Ear, Nose & Throat Specialists	44	70.5%								
Multicare Associates	97	30.9%							56	32.1%
Native American Community Clinic	80	62.5%								
Neighborhood Healthsource	54	20.4%								
North Clinic	163	0.0%							113	0.0%
North Memorial	148	31.8%							86	39.5%
NorthPoint Health & Wellness Center	224	33.9%								
Northwest Family Physicians	85	65.9%							59	76.3%
Olmsted Medical Center	328	85.1%								
Open Cities Health Center	41	29.3%								
Park Nicollet Health Services	3,336	70.4%			44	63.6%			2,046	74.9%
Pediatric Services - Children's Physician Network	186	71.0%							138	73.2%
Prairie Ridge Hospital & Health Services	33	0.0%							33	0.0%
Ridgeview Clinics	46	0.0%							38	0.0%
RiverView Health	59	8.5%							56	7.1%
Riverwood Healthcare Center	62	0.0%							43	0.0%
Sanford Health - Fargo Region	1,622	54.4%							1,340	56.3%
Sanford Health - Sioux Falls Region	3,038	49.4%							2,621	50.6%
Scenic Rivers Health Services	39	23.1%							37	24.3%
South Lake Pediatrics	1,265	89.9%							950	90.0%
Southdale Allergy & Asthma Clinic	60	68.3%								
Southdale Pediatric Associates, Ltd	180	59.6%							139	60.4%
St. Luke's Clinics	330	43.6%							281	45.2%
St. Paul Allergy & Asthma Clinic, P.A.	42	90.5%							30	93.3%
Stevens Community Medical Center	34	17.6%							33	18.2%
Stillwater Medical Group	146	67.8%							132	67.4%
Tri-County Health Care	75	0.0%							75	0.0%
United Family Medicine	119	26.1%								
Unity Family Healthcare, Family Medical Center	226	10.2%							217	10.1%
University of Minnesota Physicians	431	42.7%								
Vibrant Health Family Clinics and MN Health Ntwk.	93	8.6%							84	9.5%
Wayzata Children's Clinic	524	80.9%							445	81.3%
West Side Community Health Services	231	39.0%							136	43.4%
Winona Health Services	129	25.6%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 14: Optimal Asthma Control - Children (Medical Group Results) by Hispanic Ethnicity

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	43,349	59.3%	2,442	56.7%	33,395	60.7%
Advancements in Allergy and Asthma Care	468	91.7%			459	91.7%
Affiliated Community Medical Centers	396	66.7%	53	58.5%	338	68.0%
Alexandria Clinic	234	37.2%			225	36.4%
All About Children Pediatrics - CHN	46	80.4%			42	78.6%
Allergy & Asthma Specialists, PA	356	73.6%			330	73.6%
Allergy, Asthma & Immunology Clinic	155	65.8%			147	66.7%
Allergy, Asthma & Pulmonary Associates, PA	195	0.0%			193	0.0%
Allina Health Clinics	3,510	70.9%	225	67.1%	3,285	71.2%
Allina Health Specialties	151	66.9%			145	65.5%
Altru Health System	494	0.0%			472	0.0%
Apple Valley Medical Clinic	30	16.7%				
Avera Medical Group	188	4.3%	59	1.7%	116	5.2%
CentraCare Family Health Center	49	61.2%			45	62.2%
CentraCare Health	866	83.4%			839	83.8%
Central Pediatrics	120	73.3%			115	73.9%
Children's Hospitals and Clinics of MN	2,697	57.2%				
Children's Respiratory & Critical Care Specialists	2,233	75.9%				
Chippewa County Montevideo Hosp. & Med. Clinic	66	12.1%			60	13.3%
Community University Health Care Center	99	0.0%			78	0.0%
Eagan Valley Pediatrics	36	63.9%			33	66.7%
Entira Family Clinics	231	52.8%			190	52.6%
Essentia Health - Central Region	175	60.6%			171	59.6%
Essentia Health - East Region	1,126	62.8%			1,120	62.7%
Essentia Health - St. Mary's	129	55.0%			121	57.0%
Essentia Health - West	422	67.8%			414	67.9%
Fairview Health Services	4,278	67.4%	109	69.7%	4,169	67.3%
Fairview Mesaba Clinics	69	18.8%			69	18.8%
Family Practice Medical Center of Willmar	41	24.4%				
FamilyHealth Medical Clinics	55	10.9%			55	10.9%
FirstLight Health System	71	50.7%			66	51.5%
Fridley Children's & Teenagers' Medical Ctr. - CPN	87	64.4%			76	64.5%
Gateway Family Health Clinic	70	7.1%			68	7.4%
Glencoe Regional Health Services	57	45.6%			50	48.0%
Grand Itasca Clinic	184	61.4%			181	61.3%
HealthEast Clinics	1,873	26.3%				
HealthPartners Central Minnesota Clinics	157	72.6%			149	71.8%
HealthPartners Clinics	3,146	66.3%	243	66.3%	2,845	66.3%
Hennepin County Medical Center Clinics	1,279	57.5%	513	60.2%	700	55.9%
Hutchinson Health	112	22.3%			101	21.8%
Integrity Health Network	516	35.5%				
Kittson Memorial Clinic	40	2.5%			40	2.5%

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 14: Optimal Asthma Control - Children (Medical Group Results) by Hispanic Ethnicity - *continued*

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	43,349	59.3%	2,442	56.7%	33,395	60.7%
Lake City Family Physicians PC	32	0.0%				
Lake Region Healthcare	57	31.6%			57	31.6%
Lakewood Health System	73	45.2%			73	45.2%
Mankato Clinic, Ltd.	535	77.0%	32	75.0%	499	77.2%
Mayo Clinic	791	62.2%				
Mayo Clinic Health System	1,077	62.7%				
Mendakota Pediatrics Ltd	56	46.4%				
Midwest Ear, Nose & Throat Specialists	44	70.5%				
Multicare Associates	97	30.9%			95	30.5%
Native American Community Clinic	80	62.5%				
Neighborhood Healthsource	54	20.4%			41	22.0%
North Clinic	163	0.0%			156	0.0%
North Memorial	148	31.8%			146	32.2%
NorthPoint Health & Wellness Center	224	33.9%			191	30.4%
Northwest Family Physicians	85	65.9%			76	69.7%
Olmsted Medical Center	328	85.1%				
Open Cities Health Center	41	29.3%				
Park Nicollet Health Services	3,336	70.4%	250	68.8%	3,069	70.4%
Pediatric Services - Children's Physician Network	186	71.0%			173	71.1%
Prairie Ridge Hospital & Health Services	33	0.0%			33	0.0%
Ridgeview Clinics	46	0.0%			42	0.0%
RiverView Health	59	8.5%			50	10.0%
Riverwood Healthcare Center	62	0.0%			59	0.0%
Sanford Health - Fargo Region	1,622	54.4%	63	49.2%	1,545	54.9%
Sanford Health - Sioux Falls Region	3,038	49.4%	191	50.3%	2,842	49.4%
Scenic Rivers Health Services	39	23.1%			39	23.1%
South Lake Pediatrics	1,265	89.9%	35	88.6%	1,217	89.8%
Southdale Allergy & Asthma Clinic	60	68.3%				
Southdale Pediatric Associates, Ltd	180	59.6%			160	61.3%
St. Luke's Clinics	330	43.6%			315	43.2%
St. Paul Allergy & Asthma Clinic, P.A.	42	90.5%			40	90.0%
Stevens Community Medical Center	34	17.6%			34	17.6%
Stillwater Medical Group	146	67.8%			145	67.6%
Tri-County Health Care	75	0.0%			75	0.0%
United Family Medicine	119	26.1%				
Unity Family Healthcare, Family Medical Center	226	10.2%			223	10.3%
University of Minnesota Physicians	431	42.7%				
Vibrant Health Family Clinics and MN Health Ntwk.	93	8.6%			90	8.9%
Wayzata Children's Clinic	524	80.9%			508	80.5%
West Side Community Health Services	231	39.0%	128	42.2%	96	33.3%
Winona Health Services	129	25.6%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 15: Optimal Asthma Control - Children (Medical Group Results) by Preferred Language

Medical Group Name	Overall N	Overall Rate	All Other N	All Other Rate	English N	English Rate	Spanish N	Spanish Rate
STATEWIDE AVERAGE	43,349	59.3%	3,017	55.9%	40,821	59.5%	1,582	57.4%
Advancements in Allergy and Asthma Care	468	91.7%			448	91.7%		
Affiliated Community Medical Centers	396	66.7%	32	62.5%	358	67.0%		
Alexandria Clinic	234	37.2%			233	37.3%		
All About Children Pediatrics - CHN	46	80.4%			46	80.4%		
Allergy & Asthma Specialists, PA	356	73.6%	32	84.4%	297	72.1%		
Allergy, Asthma & Immunology Clinic	155	65.8%			125	72.8%		
Allergy, Asthma & Pulmonary Associates, PA	195	0.0%			190	0.0%		
Allina Health Clinics	3,510	70.9%	114	71.1%	3,396	70.9%	48	70.8%
Allina Health Specialties	151	66.9%			151	66.9%		
Altru Health System	494	0.0%			487	0.0%		
Apple Valley Medical Clinic	30	16.7%			30	16.7%		
Avera Medical Group	188	4.3%			158	5.1%		
CentraCare Family Health Center	49	61.2%			35	62.9%		
CentraCare Health	866	83.4%	44	63.6%	822	84.4%		
Central Pediatrics	120	73.3%			117	74.4%		
Children's Hospitals and Clinics of MN	2,697	57.2%	514	55.1%	1,778	55.0%	305	62.6%
Children's Respiratory & Critical Care Specialists	2,233	75.9%	78	59.0%	2,146	76.4%	50	58.0%
Chippewa County Montevideo Hosp. & Med. Clinic	66	12.1%			63	12.7%		
Community University Health Care Center	99	0.0%	31	0.0%	68	0.0%		
Eagan Valley Pediatrics	36	63.9%			35	65.7%		
Entira Family Clinics	231	52.8%			211	53.6%		
Essentia Health - Central Region	175	60.6%			174	60.9%		
Essentia Health - East Region	1126	62.8%			1,126	62.8%		
Essentia Health - St. Mary's	129	55.0%			129	55.0%		
Essentia Health - West	422	67.8%			420	67.9%		
Fairview Health Services	4,278	67.4%	271	70.5%	4,007	67.2%	69	69.6%
Fairview Mesaba Clinics	69	18.8%			68	19.1%		
Family Practice Medical Center of Willmar	41	24.4%			36	25.0%		
FamilyHealth Medical Clinics	55	10.9%			52	11.5%		
FirstLight Health System	71	50.7%			71	50.7%		
Fridley Children's & Teenagers' Medical Ctr. - CPN	87	64.4%			74	67.6%		
Gateway Family Health Clinic	70	7.1%			70	7.1%		
Glencoe Regional Health Services	57	45.6%			53	45.3%		
Grand Itasca Clinic	184	61.4%			184	61.4%		
HealthEast Clinics	1,873	26.3%	123	17.9%	1,750	26.9%		
HealthPartners Central Minnesota Clinics	157	72.6%			132	73.5%		
HealthPartners Clinics	3,146	66.3%	196	63.8%	2,950	66.4%	76	67.1%
Hennepin County Medical Center Clinics	1,279	57.5%	491	60.5%	788	55.7%	436	60.8%
Hutchinson Health	112	22.3%			112	22.3%		
Integrity Health Network	516	35.5%						
Kittson Memorial Clinic	40	2.5%			40	2.5%		

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Table 15: Optimal Asthma Control - Children (Medical Group Results) by Preferred Language - *continued*

Medical Group Name	Overall N	Overall Rate	All Other N	All Other Rate	English N	English Rate	Spanish N	Spanish Rate
STATEWIDE AVERAGE	43,349	59.3%	3,017	55.9%	40,821	59.5%	1,582	57.4%
Lake City Family Physicians PC	32	0.0%						
Lake Region Healthcare	57	31.6%			57	31.6%		
Lakewood Health System	73	45.2%			73	45.2%		
Mankato Clinic, Ltd.	535	77.0%	33	72.7%	482	77.2%		
Mayo Clinic	791	62.2%	60	56.7%	715	63.8%		
Mayo Clinic Health System	1,077	62.7%	51	78.4%	1,026	61.9%	39	76.9%
Mendakota Pediatrics Ltd	56	46.4%			54	46.3%		
Midwest Ear, Nose & Throat Specialists	44	70.5%			31	67.7%		
Multicare Associates	97	30.9%			80	31.3%		
Native American Community Clinic	80	62.5%			80	62.5%		
Neighborhood Healthsource	54	20.4%			46	21.7%		
North Clinic	163	0.0%			161	0.0%		
North Memorial	148	31.8%			144	31.9%		
NorthPoint Health & Wellness Center	224	33.9%	35	45.7%	189	31.7%		
Northwest Family Physicians	85	65.9%			79	67.1%		
Olmsted Medical Center	328	85.1%			312	84.6%		
Open Cities Health Center	41	29.3%			38	31.6%		
Park Nicollet Health Services	3,336	70.4%	230	65.2%	3,104	70.7%	92	69.6%
Pediatric Services - Children's Physician Network	186	71.0%			168	71.4%		
Prairie Ridge Hospital & Health Services	33	0.0%			33	0.0%		
Ridgeview Clinics	46	0.0%			43	0.0%		
RiverView Health	59	8.5%			58	8.6%		
Riverwood Healthcare Center	62	0.0%			61	0.0%		
Sanford Health - Fargo Region	1,622	54.4%			1,588	54.8%		
Sanford Health - Sioux Falls Region	3,038	49.4%	69	49.3%	2,966	49.5%	54	50.0%
Scenic Rivers Health Services	39	23.1%			39	23.1%		
South Lake Pediatrics	1,265	89.9%	59	86.4%	1,172	90.0%		
Southdale Allergy & Asthma Clinic	60	68.3%						
Southdale Pediatric Associates, Ltd	180	59.6%			162	62.3%		
St. Luke's Clinics	330	43.6%			317	43.2%		
St. Paul Allergy & Asthma Clinic, P.A.	42	90.5%			40	90.0%		
Stevens Community Medical Center	34	17.6%			34	17.6%		
Stillwater Medical Group	146	67.8%			146	67.8%		
Tri-County Health Care	75	0.0%			75	0.0%		
United Family Medicine	119	26.1%			100	27.0%		
Unity Family Healthcare, Family Medical Center	226	10.2%			225	10.2%		
University of Minnesota Physicians	431	42.7%	82	46.3%	348	42.0%		
Vibrant Health Family Clinics and MN Health Ntwk.	93	8.6%			91	8.8%		
Wayzata Children's Clinic	524	80.9%			504	81.2%		
West Side Community Health Services	231	39.0%	136	43.4%	92	32.6%	113	45.1%
Winona Health Services	129	25.6%						

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 16: Optimal Asthma Control - Children (Medical Group Results) by Country of Origin

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	43,349	59.3%	1,056	54.8%	36,629	60.0%
Advancements in Allergy and Asthma Care	468	91.7%			447	91.3%
Affiliated Community Medical Centers	396	66.7%			381	66.9%
Alexandria Clinic	234	37.2%			229	35.8%
All About Children Pediatrics - CHN	46	80.4%			44	79.5%
Allergy & Asthma Specialists, PA	356	73.6%			305	71.8%
Allergy, Asthma & Immunology Clinic	155	65.8%			138	65.9%
Allergy, Asthma & Pulmonary Associates, PA	195	0.0%			193	0.0%
Allina Health Clinics	3,510	70.9%	46	63.0%	3,358	71.2%
Allina Health Specialties	151	66.9%			151	66.9%
Altru Health System	494	0.0%				
Apple Valley Medical Clinic	30	16.7%			30	16.7%
Avera Medical Group	188	4.3%			172	4.1%
CentraCare Family Health Center	49	61.2%			40	62.5%
CentraCare Health	866	83.4%			838	83.5%
Central Pediatrics	120	73.3%			119	73.1%
Children's Hospitals and Clinics of MN	2,697	57.2%	87	46.0%	2,399	57.4%
Children's Respiratory & Critical Care Specialists	2,233	75.9%	49	83.7%	2,151	75.8%
Chippewa County Montevideo Hosp. & Med. Clinic	66	12.1%			65	12.3%
Community University Health Care Center	99	0.0%				
Eagan Valley Pediatrics	36	63.9%			32	62.5%
Entira Family Clinics	231	52.8%				
Essentia Health - Central Region	175	60.6%			171	60.8%
Essentia Health - East Region	1,126	62.8%			1,111	62.7%
Essentia Health - St. Mary's	129	55.0%			125	53.6%
Essentia Health - West	422	67.8%			418	67.7%
Fairview Health Services	4,278	67.4%	109	71.6%	4,076	67.5%
Fairview Mesaba Clinics	69	18.8%			68	19.1%
Family Practice Medical Center of Willmar	41	24.4%			40	25.0%
FamilyHealth Medical Clinics	55	10.9%			52	11.5%
FirstLight Health System	71	50.7%			69	49.3%
Fridley Children's & Teenagers' Medical Ctr. - CPN	87	64.4%			72	65.3%
Gateway Family Health Clinic	70	7.1%				
Glencoe Regional Health Services	57	45.6%			55	45.5%
Grand Itasca Clinic	184	61.4%			183	61.2%
HealthEast Clinics	1,873	26.3%	116	31.9%	1,744	25.9%
HealthPartners Central Minnesota Clinics	157	72.6%			135	71.9%
HealthPartners Clinics	3,146	66.3%	95	68.4%	2,642	66.8%
Hennepin County Medical Center Clinics	1,279	57.5%	68	48.5%	1,211	58.1%
Hutchinson Health	112	22.3%			112	22.3%
Integrity Health Network	516	35.5%				
Kittson Memorial Clinic	40	2.5%			35	2.9%

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 16: Optimal Asthma Control - Children (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Non-U.S. N	Non-U.S. Rate	United States N	United States Rate
STATEWIDE AVERAGE	43,349	59.3%	1,056	54.8%	36,629	60.0%
Lake City Family Physicians PC	32	0.0%				
Lake Region Healthcare	57	31.6%			53	32.1%
Lakewood Health System	73	45.2%			72	44.4%
Mankato Clinic, Ltd.	535	77.0%			506	76.9%
Mayo Clinic	791	62.2%				
Mayo Clinic Health System	1,077	62.7%			1,069	62.7%
Mendakota Pediatrics Ltd	56	46.4%			51	41.2%
Midwest Ear, Nose & Throat Specialists	44	70.5%				
Multicare Associates	97	30.9%			82	31.7%
Native American Community Clinic	80	62.5%				
Neighborhood Healthsource	54	20.4%			40	20.0%
North Clinic	163	0.0%			153	0.0%
North Memorial	148	31.8%			141	31.2%
NorthPoint Health & Wellness Center	224	33.9%				
Northwest Family Physicians	85	65.9%			76	67.1%
Olmsted Medical Center	328	85.1%			316	84.8%
Open Cities Health Center	41	29.3%				
Park Nicollet Health Services	3,336	70.4%			236	68.2%
Pediatric Services - Children's Physician Network	186	71.0%			177	72.3%
Prairie Ridge Hospital & Health Services	33	0.0%			33	0.0%
Ridgeview Clinics	46	0.0%				
RiverView Health	59	8.5%			58	8.6%
Riverwood Healthcare Center	62	0.0%			60	0.0%
Sanford Health - Fargo Region	1,622	54.4%			1,536	54.6%
Sanford Health - Sioux Falls Region	3,038	49.4%	33	45.5%	2,992	49.6%
Scenic Rivers Health Services	39	23.1%				
South Lake Pediatrics	1,265	89.9%	55	90.9%	1,188	89.8%
Southdale Allergy & Asthma Clinic	60	68.3%				
Southdale Pediatric Associates, Ltd	180	59.6%			164	61.6%
St. Luke's Clinics	330	43.6%			316	43.4%
St. Paul Allergy & Asthma Clinic, P.A.	42	90.5%			37	91.9%
Stevens Community Medical Center	34	17.6%				
Stillwater Medical Group	146	67.8%				
Tri-County Health Care	75	0.0%			75	0.0%
United Family Medicine	119	26.1%			112	26.8%
Unity Family Healthcare, Family Medical Center	226	10.2%			222	9.9%
University of Minnesota Physicians	431	42.7%	42	47.6%	357	43.4%
Vibrant Health Family Clinics and MN Health Ntwk.	93	8.6%			92	8.7%
Wayzata Children's Clinic	524	80.9%			497	81.1%
West Side Community Health Services	231	39.0%			176	38.6%
Winona Health Services	129	25.6%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 17: Colorectal Cancer Screening (Medical Group Results) by Race

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	1,152,99	71.4%	5,463	56.5%	17,766	63.1%	33,221	56.7%	3,264	69.5%
AALFA Family Clinic	948	67.0%								
Adefris & Toppin Women's Specialists	350	74.3%								
Affiliated Community Medical Centers	21,103	74.9%	164	55.5%	50	56.0%	155	31.6%		
Albany Medical Center	493	66.3%								
Alexandria Clinic	6,359	76.1%								
Allina Health Clinics	164,050	78.3%	476	70.8%	2,748	73.3%	4,451	70.3%	448	69.0%
Allina Health Specialties	12,192	78.7%			64	82.8%	137	67.9%		
Altru Health System	21,315	68.7%	294	52.7%	107	57.0%	132	50.8%		
Apple Valley Medical Clinic	6,510	47.8%								
Appleton Area Health Services	396	45.7%								
Avera Medical Group	6,055	57.4%			119	36.1%	48	22.9%		
Axis Medical Center	674	1.6%					637	1.7%		
Bluestone Physician Services	1,121	4.8%			43	4.7%	89	3.4%		
Boytton Health Service	510	62.9%			34	55.9%				
Burnsville Family Physicians	2,596	77.9%			42	61.9%	32	75.0%		
Catalyst Medical Clinic	60	86.7%								
Cedar Riverside People's Center	1,446	4.7%					1,150	3.7%		
CentraCare Family Health Center	1,070	53.6%					207	33.8%		
CentraCare Health	24,067	78.0%			103	68.9%	203	54.7%		
Chippewa County Montevideo Hosp. & Med. Clinic	2,340	67.0%								
Clinic Sofia Ob/Gyn	876	86.3%								
Community Memorial Hospital	66	56.1%								
Community University Health Care Center	1,357	39.6%	43	30.2%	349	50.4%	403	27.0%		
Comprehensive Healthcare for Women	289	67.8%								
Courage Kenny Rehabilitation Institute	47	74.5%								
Cuyuna Regional Medical Center	180	60.3%								
Dawson Clinic	648	59.3%								
Duluth Family Medicine Clinic	920	57.7%					62	54.8%		
Edina Family Physicians, P.A.	4,171	80.1%								
Edina Sports Health & Wellness	1,715	81.2%								
Entira Family Clinics	30,253	68.2%	60	51.7%	676	45.6%	376	56.4%		
Essentia Health - Ada	479	54.5%								
Essentia Health - Baxter Specialty Clinics	294	73.5%								
Essentia Health - Central Region	12,976	71.5%	38	60.5%	30	76.7%				
Essentia Health - East Region	45,975	71.6%	536	61.6%	129	65.1%	205	65.4%	40	52.5%
Essentia Health - Fosston	2,131	58.2%	78	43.6%						
Essentia Health - Graceville	297	68.4%								
Essentia Health - St. Mary's	8,669	66.4%	167	65.9%						
Essentia Health - West	12,330	70.9%	75	57.3%	71	64.8%	75	52.0%		
Fairview Health Services	89,448	76.4%	407	68.3%	2,307	73.8%	3,305	67.4%	396	74.0%
Fairview Mesaba Clinics	4,953	63.9%								
Family Practice Medical Center of Willmar	2,876	74.0%								
FamilyHealth Medical Clinics	2,170	68.5%								
FirstLight Health System	4,500	64.7%	35	42.9%					37	48.6%
France Avenue Family Physicians - MHN	2,548	61.3%								

AA = African American

AI = American Indian

AN = Alaskan Native

NH = Native Hawaiian

PI = Pacific Islander

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 17: Colorectal Cancer Screening (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	1,152,991	71.4%	762	63.1%	2,035	60.8%	559	50.6%	91,5857	72.8%
AALFA Family Clinic	948	67.0%							895	67.0%
Adefris & Toppin Women's Specialists	350	74.3%							321	74.8%
Affiliated Community Medical Centers	21,103	74.9%							20,688	75.5%
Albany Medical Center	493	66.3%							493	66.3%
Alexandria Clinic	6,359	76.1%							6,306	76.3%
Allina Health Clinics	164,050	78.3%	165	70.3%					152,683	78.8%
Allina Health Specialties	12,192	78.7%							11,870	79.0%
Altru Health System	21,315	68.7%			99	46.5%	142	52.1%	20,265	69.5%
Apple Valley Medical Clinic	6,510	47.8%								
Appleton Area Health Services	396	45.7%							386	45.6%
Avera Medical Group	6,055	57.4%							5,614	58.9%
Axis Medical Center	674	1.6%								
Bluestone Physician Services	1,121	4.8%							705	6.8%
Boynton Health Service	510	62.9%							392	64.3%
Burnsville Family Physicians	2,596	77.9%							2,498	78.3%
Catalyst Medical Clinic	60	86.7%								
Cedar Riverside People's Center	1,446	4.7%							243	8.2%
CentraCare Family Health Center	1,070	53.6%							777	58.4%
CentraCare Health	24,067	78.0%							23,516	78.4%
Chippewa County Montevideo Hosp. & Med. Clinic	2,340	67.0%							2,297	67.3%
Clinic Sofia Ob/Gyn	876	86.3%							844	86.6%
Community Memorial Hospital	66	56.1%							66	56.1%
Community University Health Care Center	1,357	39.6%							499	43.7%
Comprehensive Healthcare for Women	289	67.8%							268	68.3%
Courage Kenny Rehabilitation Institute	47	74.5%							39	71.8%
Cuyuna Regional Medical Center	180	60.3%								
Dawson Clinic	648	59.3%							643	59.3%
Duluth Family Medicine Clinic	920	57.7%							807	58.2%
Edina Family Physicians, P.A.	4,171	80.1%								
Edina Sports Health & Wellness	1,715	81.2%								
Entira Family Clinics	30,253	68.2%							26,860	69.5%
Essentia Health - Ada	479	54.5%							454	54.6%
Essentia Health - Baxter Specialty Clinics	294	73.5%							290	73.4%
Essentia Health - Central Region	12,976	71.5%							12,831	71.6%
Essentia Health - East Region	45,975	71.6%			34	58.8%			44,735	71.8%
Essentia Health - Fosston	2,131	58.2%							2,032	59.0%
Essentia Health - Graceville	297	68.4%							293	67.9%
Essentia Health - St. Mary's	8,669	66.4%							8,372	66.5%
Essentia Health - West	12,330	70.9%							11,986	71.4%
Fairview Health Services	89,448	76.4%	85	69.4%	498	67.9%			79,656	77.4%
Fairview Mesaba Clinics	4,953	63.9%							4,877	64.1%
Family Practice Medical Center of Willmar	2,876	74.0%								
FamilyHealth Medical Clinics	2,170	68.5%					38	34.2%	2,101	69.3%
FirstLight Health System	4,500	64.7%							4,393	65.1%
France Avenue Family Physicians - MHN	2,548	61.3%								

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Table 17: Colorectal Cancer Screening (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	1,152,99	71.4%	5,463	56.5%	17,766	63.1%	33,221	56.7%	3,264	69.5%
Gateway Family Health Clinic	3,722	56.2%	85	41.2%						
Glencoe Regional Health Services	2,924	65.6%								
Grand Itasca Clinic	6,849	70.2%	65	47.7%						
Gundersen Health System	2,350	73.6%								
HealthEast Clinics	29,667	65.6%								
HealthPartners Central Minnesota Clinics	4,880	77.6%			114	65.8%	173	32.9%		
HealthPartners Clinics	68,119	77.6%	278	69.4%	2,763	72.8%	5,410	70.6%	559	76.7%
Hendricks Community Hospital Association	826	54.1%								
Hennepin County Medical Center Clinics	14,137	51.3%	242	45.9%	399	50.9%	4,930	53.1%	42	47.6%
Hudson Physicians - MN Healthcare Network	5,870	67.5%								
Hutchinson Health	4,576	66.5%							44	54.5%
Indian Health Board of Minneapolis	358	30.7%	216	33.8%			66	31.8%		
Integrity Health Network	25,314	71.8%								
John A. Haugen Associates, PA	1,029	81.0%								
Kittson Memorial Clinic	901	38.8%								
Lac Qui Parle Clinic	545	57.4%								
Lake City Family Physicians PC	60	21.7%								
Lake Region Healthcare	3,259	59.0%								
Lake Superior Community Health Center	842	42.9%								
Lake View Clinic - Two Harbors	60	68.3%								
Lakewood Health Center Clinic	962	54.5%								
Lakewood Health System	3,992	61.7%								
Life Medical	208	22.6%								
Madelia Community Hospital & Clinic	412	51.2%								
Mankato Clinic, Ltd.	11,600	78.1%	38	86.8%	75	70.7%	100	57.0%		
Mayo Clinic	39,628	77.3%								
Mayo Clinic Health System	51,342	75.8%								
Meeker Memorial Clinic	230	61.3%								
Metropolitan Obstetrics & Gynecology	1,203	70.6%								
Mille Lacs Health System	60	63.3%								
Multicare Associates	9,665	55.8%	51	54.9%	215	54.4%	141	41.8%		
Murray County Clinic	92	22.8%								
Native American Community Clinic	502	18.5%								
Neighborhood Healthsource	1,217	27.4%	59	22.0%			415	24.8%		
North Clinic	13,236	66.1%			178	53.9%	583	54.7%		
North Memorial	24,701	71.2%	65	58.5%	607	56.5%	1,053	65.2%		
North Valley Health Center	84	50.0%								
NorthPoint Health & Wellness Center	2,892	45.3%			546	33.7%	1,639	47.8%		
Northwest Family Physicians	5,787	67.8%			111	61.3%	176	59.1%		
Oakdale Ob/Gyn	1,792	79.1%								
OBGYN West	1,565	69.5%								
Obstetrics and Gynecology Associates	5,067	85.0%			51	76.5%				
Olmsted Medical Center	12,020	63.1%								
Open Cities Health Center	64	18.8%								

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Table 17: Colorectal Cancer Screening (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	1,152,991	71.4%	762	63.1%	2,035	60.8%	559	50.6%	91,5857	72.8%
Gateway Family Health Clinic	3,722	56.2%							3,509	56.7%
Glencoe Regional Health Services	2,924	65.6%							2,898	65.6%
Grand Itasca Clinic	6,849	70.2%							6,740	70.5%
Gundersen Health System	2,350	73.6%							2,340	73.6%
HealthEast Clinics	29,667	65.6%								
HealthPartners Central Minnesota Clinics	4,880	77.6%			30	33.3%			4475	80.2%
HealthPartners Clinics	68,119	77.6%	41	80.5%	732	66.1%			55,429	79.4%
Hendricks Community Hospital Association	826	54.1%								
Hennepin County Medical Center Clinics	14,137	51.3%							6,025	49.7%
Hudson Physicians - MN Healthcare Network	5,870	67.5%							5,786	67.9%
Hutchinson Health	4,576	66.5%							4,490	66.7%
Indian Health Board of Minneapolis	358	30.7%							71	21.1%
Integrity Health Network	25,314	71.8%								
John A. Haugen Associates, PA	1,029	81.0%								
Kittson Memorial Clinic	901	38.8%							893	39.1%
Lac Qui Parle Clinic	545	57.4%							533	57.6%
Lake City Family Physicians PC	60	21.7%								
Lake Region Healthcare	3,259	59.0%							3,141	59.5%
Lake Superior Community Health Center	842	42.9%							763	43.9%
Lake View Clinic - Two Harbors	60	68.3%							60	68.3%
Lakewood Health Center Clinic	962	54.5%							934	54.9%
Lakewood Health System	3,992	61.7%							3,912	61.8%
Life Medical	208	22.6%								
Madelia Community Hospital & Clinic	412	51.2%							375	53.3%
Mankato Clinic, Ltd.	11,600	78.1%							10,774	79.0%
Mayo Clinic	39,628	77.3%								
Mayo Clinic Health System	51,342	75.8%								
Meeker Memorial Clinic	230	61.3%							228	61.4%
Metropolitan Obstetrics & Gynecology	1,203	70.6%							1,037	72.4%
Mille Lacs Health System	60	63.3%								
Multicare Associates	9,665	55.8%					59	35.6%	8,001	57.4%
Murray County Clinic	92	22.8%								
Native American Community Clinic	502	18.5%								
Neighborhood Healthsource	1,217	27.4%							547	29.3%
North Clinic	13,236	66.1%			69	56.5%	73	71.2%	12,001	67.2%
North Memorial	24,701	71.2%	31	48.4%					22,354	72.1%
North Valley Health Center	84	50.0%							71	49.3%
NorthPoint Health & Wellness Center	2,892	45.3%							264	51.5%
Northwest Family Physicians	5,787	67.8%							5,284	69.8%
Oakdale Ob/Gyn	1,792	79.1%							1,678	79.9%
OBGYN West	1,565	69.5%							1,514	69.6%
Obstetrics and Gynecology Associates	5,067	85.0%					41	73.2%		
Olmsted Medical Center	12,020	63.1%								
Open Cities Health Center	64	18.8%								

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Table 17: Colorectal Cancer Screening (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	AI or AN N	AI or AN Rate	Asian N	Asian Rate	Black or AA N	Black or AA Rate	Multi-Racial N	Multi-Racial Rate
STATEWIDE AVERAGE	1,152,991	71.4%	5,463	56.5%	17,766	63.1%	33,221	56.7%	3,264	69.5%
Open Door Health Center	62	41.7%								
Ortonville Area Health Svcs.-Northside Med.Clinic	1,572	64.7%								
Park Nicollet Health Services	87,568	72.5%	155	51.6%	2,892	65.5%	3,708	61.2%	811	74.2%
Parkview Medical Clinic - MN Healthcare Network	1,407	62.8%								
Parkway Family Physicians-MHN	61	57.4%								
Partners Ob/Gyn	1,799	86.7%								
Planned Parenthood MN, ND, SD	33	0.0%								
Prairie Ridge Hospital & Health Services	1,721	56.7%								
Rainy Lake Medical Center	60	18.3%								
Renville County Hospital and Clinics	1,622	58.6%								
Richard Schoewe MD	60	71.7%								
Richfield Medical Group	1,940	72.8%			59	72.9%	45	71.1%		
Ridgeview Clinics	7,818	59.2%	35	37.1%	94	68.1%	30	43.3%		
River's Edge Hospital & Clinic	394	65.2%								
RiverView Health	1,104	44.4%								
Riverwood Healthcare Center	3,940	66.0%	52	36.5%						
Sacred Heart Mercy Health Care Center	315	65.4%								
Sanford Health - Fargo Region	58,618	73.1%	662	58.9%	242	69.0%	197	48.2%	250	72.8%
Sanford Health - Sioux Falls Region	48,201	67.1%	286	51.0%	333	43.8%	251	45.8%		
Sawtooth Mountain Clinic	1,652	58.8%	106	37.7%						
Scandia Clinic	758	59.2%								
Scenic Rivers Health Services	2,668	46.7%	43	30.2%						
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	1,035	60.5%								
Sleepy Eye Medical Center	1,003	53.5%								
Southdale Ob/Gyn Consultants	2,427	89.3%								
Southside Community Health Services	591	30.6%								
St. Croix Regional Medical Center	385	47.8%								
St. Luke's Clinics	780	72.3%								
Stevens Community Medical Center	401	72.4%								
Stillwater Medical Group	14,871	78.8%			50	72.0%	36	75.0%	53	84.9%
Synergy Family Physicians, P.A	365	47.4%								
Tri-County Health Care	3,779	57.2%								
United Family Medicine	3,288	54.0%								
Unity Family Healthcare, Family Medical Center	3,081	72.7%								
University of Minnesota Physicians	9,460	61.4%								
Valley Family Practice- MHN	598	68.7%								
Vibrant Health Family Clinics and MN Health Ntwk.	4,961	69.0%								
West Side Community Health Services	3,711	29.6%	32	18.8%	714	25.2%	616	29.9%		
Western ObGyn	1,058	83.0%								
Williams Integracare Clinic	916	52.9%								
Winona Health Services	7,404	59.5%								
Women & Adolescent Gynecology Center	104	76.0%								
Women's Health Consultants	620	71.5%								
Zumbro Valley Health Center	37	21.6%								

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Table 17: Colorectal Cancer Screening (Medical Group Results) by Race -
continued

Medical Group Name	Overall N	Overall Rate	NH or PI N	NH or PI Rate	Some Other Race N	Some Other Race Rate	Unknown N	Unknown Rate	White N	White Rate
STATEWIDE AVERAGE	1,152,991	71.4%	762	63.1%	2,035	60.8%	559	50.6%	91,5857	72.8%
Open Door Health Center	362	41.7%							315	43.2%
Ortonville Area Health Svcs.-Northside Med.Clinic	1,572	64.7%							1,562	64.8%
Park Nicollet Health Services	87,568	72.5%	70	64.3%	215	49.3%	46	10.9%	77,320	73.6%
Parkview Medical Clinic - MN Healthcare Network	1,407	62.8%							1,400	62.9%
Parkway Family Physicians-MHN	61	57.4%								
Partners Ob/Gyn	1,799	86.7%								
Planned Parenthood MN, ND, SD	33	0.0%							32	0.0%
Prairie Ridge Hospital & Health Services	1,721	56.7%							1,707	56.8%
Rainy Lake Medical Center	60	18.3%								
Renville County Hospital and Clinics	1,622	58.6%							1,560	59.5%
Richard Schoewe MD	60	71.7%							54	72.2%
Richfield Medical Group	1,940	72.8%							1,785	73.2%
Ridgeview Clinics	7,818	59.2%							7,485	59.6%
River's Edge Hospital & Clinic	394	65.2%							356	67.4%
RiverView Health	1,104	44.4%							1,077	44.8%
Riverwood Healthcare Center	3,940	66.0%							3,817	66.7%
Sacred Heart Mercy Health Care Center	315	65.4%							310	65.8%
Sanford Health - Fargo Region	58,618	73.1%							56,122	73.5%
Sanford Health - Sioux Falls Region	48,201	67.1%							47,001	67.6%
Sawtooth Mountain Clinic	1,652	58.8%							1,502	60.5%
Scandia Clinic	758	59.2%							758	59.2%
Scenic Rivers Health Services	2,668	46.7%							2,580	47.4%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	1,035	60.5%			36	55.6%			991	60.9%
Sleepy Eye Medical Center	1,003	53.5%							986	53.9%
Southdale Ob/Gyn Consultants	2,427	89.3%							2,375	89.3%
Southside Community Health Services	591	30.6%								
St. Croix Regional Medical Center	385	47.8%								
St. Luke's Clinics	780	72.3%							757	70.7%
Stevens Community Medical Center	401	72.4%							398	68.1%
Stillwater Medical Group	14,871	78.8%			32	68.8%			14,274	79.3%
Synergy Family Physicians, P.A	365	47.4%							309	46.6%
Tri-County Health Care	3,779	57.2%							3,713	57.6%
United Family Medicine	3,288	54.0%								
Unity Family Healthcare, Family Medical Center	3,081	72.7%							3,057	72.8%
University of Minnesota Physicians	9,460	61.4%								
Valley Family Practice- MHN	598	68.7%							583	68.8%
Vibrant Health Family Clinics and MN Health Ntwk.	4,961	69.0%							4,899	69.0%
West Side Community Health Services	3,711	29.6%							2,268	31.3%
Western ObGyn	1,058	83.0%							1,000	83.6%
Williams Integracare Clinic	916	52.9%							897	53.1%
Winona Health Services	7,404	59.5%								
Women & Adolescent Gynecology Center	104	76.0%								
Women's Health Consultants	620	71.5%							563	72.8%
Zumbro Valley Health Center	37	21.6%							33	21.2%

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Table 18: Colorectal Cancer Screening (Medical Group Results) by Hispanic Ethnicity

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	1,152,991	71.4%	13,659	56.5%	985,724	72.0%
AALFA Family Clinic	948	67.0%			914	66.7%
Adefris & Toppin Women's Specialists	350	74.3%			343	74.6%
Affiliated Community Medical Centers	21,103	74.9%	405	63.0%	20,664	75.2%
Albany Medical Center	493	66.3%			493	66.3%
Alexandria Clinic	6,359	76.1%			6,347	76.1%
Allina Health Clinics	164,050	78.3%	2069	71.0%	16,1971	78.4%
Allina Health Specialties	12,192	78.7%	112	46.4%	12,079	79.0%
Altru Health System	21,315	68.7%	226	59.3%	21,089	68.8%
Apple Valley Medical Clinic	6,510	47.8%				
Appleton Area Health Services	396	45.7%			393	45.8%
Avera Medical Group	6,055	57.4%	150	45.3%	5,801	58.1%
Axis Medical Center	674	1.6%			672	1.6%
Bluestone Physician Services	1,121	4.8%			915	5.8%
Boynnton Health Service	510	62.9%			484	63.4%
Burnsville Family Physicians	2,596	77.9%			2,588	77.9%
Catalyst Medical Clinic	60	86.7%				
Cedar Riverside People's Center	1,446	4.7%			1,437	4.7%
CentraCare Family Health Center	1,070	53.6%	50	54.0%	1,020	53.6%
CentraCare Health	24,067	78.0%	140	55.0%	23,927	78.1%
Chippewa County Montevideo Hosp. & Med. Clinic	2,340	67.0%			2,318	67.1%
Clinic Sofia Ob/Gyn	876	86.3%			874	86.3%
Community Memorial Hospital	66	56.1%			66	56.1%
Community University Health Care Center	1,357	39.6%	123	39.0%	1,208	40.0%
Comprehensive Healthcare for Women	289	67.8%			288	67.7%
Courage Kenny Rehabilitation Institute	47	74.5%			47	74.5%
Cuyuna Regional Medical Center	180	60.3%				
Dawson Clinic	648	59.3%			645	59.4%
Duluth Family Medicine Clinic	920	57.7%			916	57.8%
Edina Family Physicians, P.A.	4,171	80.1%				
Edina Sports Health & Wellness	1,715	81.2%				
Entira Family Clinics	30,253	68.2%	404	58.9%	28,849	68.7%
Essentia Health - Ada	479	54.5%			467	55.2%
Essentia Health - Baxter Specialty Clinics	294	73.5%			286	73.4%
Essentia Health - Central Region	12,976	71.5%	275	69.8%	12,701	71.5%
Essentia Health - East Region	45,975	71.6%	72	55.6%	45,903	71.6%
Essentia Health - Fosston	2,131	58.2%			2,126	58.3%
Essentia Health - Graceville	297	68.4%			296	68.6%
Essentia Health - St. Mary's	8,669	66.4%	58	51.7%	8,611	66.5%
Essentia Health - West	12,330	70.9%	89	58.4%	12,241	71.0%
Fairview Health Services	89,448	76.4%	476	71.0%	88,967	76.5%
Fairview Mesaba Clinics	4,953	63.9%			49,52	63.9%
Family Practice Medical Center of Willmar	2,876	74.0%				
FamilyHealth Medical Clinics	2,170	68.5%			2,154	68.6%
FirstLight Health System	4,500	64.7%			4,478	64.7%
France Avenue Family Physicians - MHN	2,548	61.3%				

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Table 18: Colorectal Cancer Screening (Medical Group Results) by Hispanic Ethnicity - *continued*

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	1,152,991	71.4%	13,659	56.5%	985,724	72.0%
Gateway Family Health Clinic	3,722	56.2%			3,698	56.3%
Glencoe Regional Health Services	2,924	65.6%	115	41.7%	2,809	66.5%
Grand Itasca Clinic	6,849	70.2%			6,829	70.3%
Gundersen Health System	2,350	73.6%			2,343	73.6%
HealthEast Clinics	29,667	65.6%				
HealthPartners Central Minnesota Clinics	4,880	77.6%	34	64.7%	4,835	77.8%
HealthPartners Clinics	68,119	77.6%	1,277	69.0%	65,658	78.2%
Hendricks Community Hospital Association	826	54.1%				
Hennepin County Medical Center Clinics	14,137	51.3%	1,833	53.3%	11,738	51.0%
Hudson Physicians - MN Healthcare Network	5,870	67.5%			5,859	67.6%
Hutchinson Health	4,576	66.5%	64	57.8%	4,512	66.6%
Indian Health Board of Minneapolis	358	30.7%	33	6.1%	325	33.2%
Integrity Health Network	25,314	71.8%				
John A. Haugen Associates, PA	1,029	81.0%				
Kittson Memorial Clinic	901	38.8%			890	38.9%
Lac Qui Parle Clinic	545	57.4%			543	57.6%
Lake City Family Physicians PC	60	21.7%				
Lake Region Healthcare	3,259	59.0%			3,241	59.1%
Lake Superior Community Health Center	842	42.9%			828	43.0%
Lake View Clinic - Two Harbors	60	68.3%			60	68.3%
Lakewood Health Center Clinic	962	54.5%			960	54.5%
Lakewood Health System	3,992	61.7%			3,977	61.7%
Life Medical	208	22.6%				
Madelia Community Hospital & Clinic	412	51.2%	35	31.4%	377	53.1%
Mankato Clinic, Ltd.	11,600	78.1%	98	73.5%	11,446	78.3%
Mayo Clinic	39,628	77.3%				
Mayo Clinic Health System	51,342	75.8%				
Meeker Memorial Clinic	230	61.3%			228	61.4%
Metropolitan Obstetrics & Gynecology	1,203	70.6%			1,102	71.0%
Mille Lacs Health System	60	63.3%				
Multicare Associates	9,665	55.8%	77	49.4%	9,284	56.3%
Murray County Clinic	92	22.8%				
Native American Community Clinic	502	18.5%				
Neighborhood Healthsource	1,217	27.4%	99	24.2%	1,110	27.7%
North Clinic	13,236	66.1%	93	53.8%	13,143	66.2%
North Memorial	24,701	71.2%	217	68.7%	24,482	71.2%
North Valley Health Center	84	50.0%			73	49.3%
NorthPoint Health & Wellness Center	2,892	45.3%	355	44.2%	2,478	45.1%
Northwest Family Physicians	5,787	67.8%			5,594	69.1%
Oakdale Ob/Gyn	1,792	79.1%			1,738	79.5%
OBGYN West	1,565	69.5%			1,558	69.4%
Obstetrics and Gynecology Associates	5,067	85.0%			397	76.8%
Olmsted Medical Center	12,020	63.1%				
Open Cities Health Center	64	18.8%				

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 18: Colorectal Cancer Screening (Medical Group Results) by Hispanic Ethnicity - *continued*

Medical Group Name	Overall N	Overall Rate	Hispanic N	Hispanic Rate	Non-Hispanic N	Non-Hispanic Rate
STATEWIDE AVERAGE	1,152,991	71.4%	13,659	56.5%	985,724	72.0%
Open Door Health Center	362	41.7%	115	29.6%	247	47.4%
Ortonville Area Health Svcs.-Northside Med.Clinic	1,572	64.7%			15,68	64.7%
Park Nicollet Health Services	87,568	72.5%	1,218	60.0%	86,069	72.6%
Parkview Medical Clinic - MN Healthcare Network	1,407	62.8%			1,406	62.8%
Parkway Family Physicians-MHN	61	57.4%				
Partners Ob/Gyn	1,799	86.7%				
Planned Parenthood MN, ND, SD	33	0.0%			33	0.0%
Prairie Ridge Hospital & Health Services	1,721	56.7%			1,720	56.7%
Rainy Lake Medical Center	60	18.3%				
Renville County Hospital and Clinics	1,622	58.6%	47	27.7%	1,575	59.5%
Richard Schoewe MD	60	71.7%			60	71.7%
Richfield Medical Group	1,940	72.8%			1,929	72.8%
Ridgeview Clinics	7,818	59.2%	61	62.3%	7,597	59.5%
River's Edge Hospital & Clinic	394	65.2%			358	66.2%
RiverView Health	1,104	44.4%	31	41.9%	1,073	44.5%
Riverwood Healthcare Center	3,940	66.0%			3,934	66.1%
Sacred Heart Mercy Health Care Center	315	65.4%			313	65.5%
Sanford Health - Fargo Region	58,618	73.1%	466	59.4%	57,956	73.3%
Sanford Health - Sioux Falls Region	48,201	67.1%	469	47.3%	47,732	67.3%
Sawtooth Mountain Clinic	1652	58.8%			1,643	58.9%
Scandia Clinic	758	59.2%			758	59.2%
Scenic Rivers Health Services	2,668	46.7%			2,644	47.0%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	1,035	60.5%	36	55.6%	999	60.7%
Sleepy Eye Medical Center	1,003	53.5%			982	54.2%
Southdale Ob/Gyn Consultants	2,427	89.3%			2,418	89.2%
Southside Community Health Services	591	30.6%				
St. Croix Regional Medical Center	385	47.8%				
St. Luke's Clinics	780	72.3%			772	71.0%
Stevens Community Medical Center	401	72.4%			400	68.0%
Stillwater Medical Group	14,871	78.8%	34	79.4%	14,837	78.8%
Synergy Family Physicians, P.A	365	47.4%			315	46.7%
Tri-County Health Care	3,779	57.2%			3,767	57.3%
United Family Medicine	3,288	54.0%				
Unity Family Healthcare, Family Medical Center	3,081	72.7%			3,073	72.8%
University of Minnesota Physicians	9,460	61.4%				
Valley Family Practice- MHN	598	68.7%			598	68.7%
Vibrant Health Family Clinics and MN Health Ntwk.	4,961	69.0%			4,926	69.0%
West Side Community Health Services	3,711	29.6%	1,461	31.6%	2,212	28.3%
Western ObGyn	1,058	83.0%			1,055	82.9%
Williams Integracare Clinic	916	52.9%			911	53.0%
Winona Health Services	7,404	59.5%				
Women & Adolescent Gynecology Center	104	76.0%				
Women's Health Consultants	620	71.5%			613	71.3%
Zumbro Valley Health Center	37	21.6%			37	21.6%

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Table 19: Colorectal Cancer Screening (Medical Group Results) by Preferred Language

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Hmong N	Hmong Rate	Laotian N	Laotian Rate	Somali N	Somali Rate	Spanish N	Spanish Rate	Viet. N	Viet. Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,1383,60	72.2%	3,745	36.5%	942	51.7%	4,483	23.2%	7,561	47.9%	2,998	71.1%
AALFA Family Clinic	948	67.0%	926	67.0%										
Adefris & Toppin Women's Specialists	350	74.3%	349	74.2%										
Affiliated Community Medical Centers	21,103	74.9%	20,683	75.4%					108	20.4%	232	62.1%		
Albany Medical Center	493	66.3%	493	66.3%										
Alexandria Clinic	6,359	76.1%	6,351	76.1%										
Allina Health Clinics	164,050	78.3%	161,068	78.6%	164	57.3%	78	64.1%	242	37.6%	577	63.3%	348	72.4%
Allina Health Specialties	12,192	78.7%	12,124	78.9%							38	34.2%		
Altru Health System	21,315	68.7%	21,146	68.8%										
Apple Valley Medical Clinic	6,510	47.8%	6,455	48.0%										
Appleton Area Health Services	396	45.7%	393	45.8%										
Avera Medical Group	6,055	57.4%	5,711	58.3%			42	28.6%			128	44.5%		
Axis Medical Center	674	1.6%	77	2.6%					577	1.6%				
Bluestone Physician Services	1,121	4.8%	878	6.0%										
Boynnton Health Service	510	62.9%	471	64.8%										
Burnsville Family Physicians	2,596	77.9%	2,570	78.0%										
Catalyst Medical Clinic	60	86.7%	45	88.9%										
Cedar Riverside People's Center	1,446	4.7%	465	8.8%					790	3.0%				
CentraCare Family Health Center	1,070	53.6%	899	57.3%					120	26.7%	33	54.5%		
CentraCare Health	24,067	78.0%	23,846	78.3%					70	30.0%	86	48.8%		
CCMH & Medical Clinic	2,340	67.0%	2,329	67.1%										
Clinic Sofia Ob/Gyn	876	86.3%	874	86.3%										
Community Memorial Hospital	66	56.1%												
Community University Health Care Ctr.	1,357	39.6%	726	40.8%	68	35.3%	71	47.9%	163	20.9%	100	35.0%	114	66.7%
Comprehensive Healthcare for Women	289	67.8%	282	67.4%										
Courage Kenny Rehabilitation Institute	47	74.5%	47	74.5%										
Cuyuna Regional Medical Center	180	60.3%	169	62.7%										
Dawson Clinic	648	59.3%	647	59.4%										
Duluth Family Medicine Clinic	920	57.7%	911	57.7%										
Edina Family Physicians, P.A.	4,171	80.1%	4,115	80.3%										
Edina Sports Health & Wellness	1,715	81.2%	1,705	81.3%										
Entira Family Clinics	30,253	68.2%	27,962	69.3%	309	24.9%			30	13.3%	63	61.9%	36	66.7%
Essentia Health - Ada	479	54.5%	474	54.6%										
Essentia Health - Baxter Specialty Clinics	294	73.5%	293	73.7%										
Essentia Health - Central Region	12,976	71.5%	12,961	71.5%										
Essentia Health - East Region	45,975	71.6%	45,830	71.6%										
Essentia Health - Fosston	2,131	58.2%	2,127	58.3%										
Essentia Health - Graceville	297	68.4%	296	68.6%										
Essentia Health - St. Mary's	8,669	66.4%	8,629	66.4%										
Essentia Health - West	12,330	70.9%	12,260	71.1%										
Fairview Health Services	89,448	76.4%	86,797	76.8%	187	58.3%	105	77.1%	387	38.5%	244	63.1%	561	78.3%
Fairview Mesaba Clinics	4,953	63.9%	4,950	63.9%										
Family Practice Medical Ctr. of Willmar	2,876	74.0%	2,790	75.3%					49	8.2%				
FamilyHealth Medical Clinics	2,170	68.5%	2,130	68.9%										
FirstLight Health System	4,500	64.7%	4,492	64.7%										
France Avenue Family Physicians - MHN	2,548	61.3%	2,351	62.9%										

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Table 19: Colorectal Cancer Screening (Medical Group Results) by Preferred Language - *continued*

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Hmong N	Hmong Rate	Laotian N	Laotian Rate	Somali N	Somali Rate	Spanish N	Spanish Rate	Viet. N	Viet. Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,138,60	72.2%	3,745	36.5%	942	51.7%	4,483	23.2%	7,561	47.9%	2,998	71.1%
Gateway Family Health Clinic	3,722	56.2%	3,677	56.3%										
Glencoe Regional Health Services	2,924	65.6%	2,848	66.4%							75	33.3%		
Grand Itasca Clinic	6,849	70.2%	6,846	70.2%										
Gundersen Health System	2,350	73.6%	2,349	73.6%										
HealthEast Clinics	29,667	65.6%	27,880	67.1%	920	39.2%			42	19.0%	74	44.6%	70	61.4%
HealthPartners Central MN Clinics	4,880	77.6%	4,663	79.5%					106	12.3%			49	67.3%
HealthPartners Clinics	68,119	77.6%	65,290	78.2%	175	36.6%	55	49.1%	260	38.1%	328	60.7%	633	74.2%
Hendricks Community Hospital Assoc.	826	54.1%												
Hennepin County Medical Center Clinics	14,137	51.3%	11,562	51.6%	52	46.2%	36	61.1%	329	30.7%	1,570	53.3%	57	73.7%
Hudson Physicians - MHN	5,870	67.5%	5,861	67.6%										
Hutchinson Health	4,576	66.5%	4,548	66.5%										
Indian Health Board of Minneapolis	358	30.7%	332	32.8%										
Integrity Health Network	25,314	71.8%	24,931	72.1%					77	20.8%	60	51.7%		
John A. Haugen Associates, PA	1,029	81.0%	994	81.1%										
Kittson Memorial Clinic	901	38.8%	901	38.8%										
Lac Qui Parle Clinic	545	57.4%	545	57.4%										
Lake City Family Physicians PC	60	21.7%												
Lake Region Healthcare	3,259	59.0%	3,201	59.2%										
Lake Superior Community Health Ctr.	842	42.9%	837	43.0%										
Lake View Clinic - Two Harbors	60	68.3%	60	68.3%										
Lakewood Health Center Clinic	962	54.5%	958	54.6%										
Lakewood Health System	3,992	61.7%	3,962	61.8%										
Life Medical	208	22.6%	55	12.7%										
Madelia Community Hospital & Clinic	412	51.2%	389	52.7%										
Mankato Clinic, Ltd.	11,600	78.1%	11,062	78.9%							39	64.1%		
Mayo Clinic	39,628	77.3%	37,375	78.2%			46	60.9%	197	41.6%	191	63.9%	88	73.9%
Mayo Clinic Health System	51,342	75.8%	50,727	76.0%					84	44.0%	313	55.0%	30	80.0%
Meeker Memorial Clinic	230	61.3%	227	61.7%										
Metropolitan Obstetrics & Gynecology	1,203	70.6%	1,091	71.6%										
Mille Lacs Health System	60	63.3%	60	63.3%										
Multicare Associates	9,665	55.8%	8,475	57.0%										
Murray County Clinic	92	22.8%	91	23.1%										
Native American Community Clinic	502	18.5%	484	19.2%										
Neighborhood Healthsource	1,217	27.4%	1,030	29.4%							87	20.7%		
North Clinic	13,236	66.1%	13,091	66.5%										
North Memorial	24,701	71.2%	24,133	71.7%	83	28.9%							79	64.6%
North Valley Health Center	84	50.0%	74	50.0%										
NorthPoint Health & Wellness Center	2,892	45.3%	1,893	50.1%	396	28.5%	69	50.7%			330	43.9%		
Northwest Family Physicians	5,787	67.8%	5,542	69.1%										
Oakdale Ob/Gyn	1,792	79.1%	1,786	79.1%										
OBGYN West	1,565	69.5%	1,547	69.4%										
Obstetrics and Gynecology Associates	5,067	85.0%	5,048	85.0%										
Olmsted Medical Center	12,020	63.1%	11,627	63.9%					50	14.0%	65	38.5%		
Open Cities Health Center	64	18.8%	59	18.6%										

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Table 19: Colorectal Cancer Screening (Medical Group Results) by Preferred Language - *continued*

Medical Group Name	Overall N	Overall Rate	English N	English Rate	Hmong N	Hmong Rate	Laotian N	Laotian Rate	Somali N	Somali Rate	Spanish N	Spanish Rate	Viet. N	Viet. Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,1383,60	72.2%	3,745	36.5%	942	51.7%	4,483	23.2%	7,561	47.9%	2,998	71.1%
Open Door Health Center	362	41.7%	3,677	56.3%							102	29.4%		
Ortonville Area Health Svcs	1,572	64.7%	2,848	66.4%										
Park Nicollet Health Services	87,568	72.5%	6,846	70.2%	59	30.5%	195	57.4%	274	25.2%	532	50.6%	553	65.3%
Parkview Medical Clinic - MHN	1,407	62.8%	2,349	73.6%										
Parkway Family Physicians-MHN	61	57.4%	27,880	67.1%										
Partners Ob/Gyn	1,799	86.7%	4,663	79.5%										
Planned Parenthood MN, ND, SD	33	0.0%												
Prairie Ridge Hospital & Health Svcs.	1,721	56.7%												
Rainy Lake Medical Center	60	18.3%	11,562	51.6%										
Renville County Hospital and Clinics	1,622	58.6%	5,861	67.6%										
Richard Schoewe MD	60	71.7%	4,548	66.5%										
Richfield Medical Group	1,940	72.8%	332	32.8%										
Ridgeview Clinics	7,818	59.2%	24,931	72.1%										
River's Edge Hospital & Clinic	394	65.2%	994	81.1%										
RiverView Health	1,104	44.4%	901	38.8%										
Riverwood Healthcare Center	3,940	66.0%	545	57.4%										
Sacred Heart Mercy Health Care Ctr.	315	65.4%												
Sanford Health - Fargo Region	58,618	73.1%	3,201	59.2%							60	43.3%	43	79.1%
Sanford Health - Sioux Falls Region	48,201	67.1%	837	43.0%			78	23.1%			225	41.3%		
Sawtooth Mountain Clinic	1652	58.8%	60	68.3%										
Scandia Clinic	758	59.2%	958	54.6%										
Scenic Rivers Health Services	2,668	46.7%	3,962	61.8%										
Ridgeview Sibley Med. Ctr.	1,035	60.5%	55	12.7%										
Sleepy Eye Medical Center	1,003	53.5%	389	52.7%										
Southdale Ob/Gyn Consultants	2,427	89.3%	11,062	78.9%										
Southside Community Health Svcs.	591	30.6%	37,375	78.2%							120	30.8%		
St. Croix Regional Medical Center	385	47.8%	50,727	76.0%										
St. Luke's Clinics	780	72.3%	227	61.7%										
Stevens Community Medical Center	401	72.4%	1,091	71.6%										
Stillwater Medical Group	14,871	78.8%	60	63.3%										
Synergy Family Physicians, P.A	365	47.4%	8,475	57.0%										
Tri-County Health Care	3,779	57.2%	91	23.1%										
United Family Medicine	3,288	54.0%	484	19.2%							145	42.1%		
Unity Family Healthcare, Family Med. Ctr.	3,081	72.7%	1,030	29.4%										
University of Minnesota Physicians	9,460	61.4%	13,091	66.5%	474	51.3%			303	58.1%	52	51.9%	59	62.7%
Valley Family Practice- MHN	598	68.7%	24,133	71.7%										
Vibrant Health Family Clinics and MHN	4,961	69.0%	74	50.0%										
West Side Community Health Services	3,711	29.6%	1,893	50.1%	595	24.4%					1,314	32.1%		
Western ObGyn	1,058	83.0%	5,542	69.1%										
Williams Integracare Clinic	916	52.9%	1,786	79.1%										
Winona Health Services	7,404	59.5%												
Women & Adolescent Gynecology Ctr.	104	76.0%	5,048	85.0%										
Women's Health Consultants	620	71.5%	11,627	63.9%										
Zumbro Valley Health Center	37	21.6%	59	18.6%										

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Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin

Medical Group Name	Overall N	Overall Rate	Canada N	Canada Rate	Ethiopia N	Ethiopia Rate	Germany N	Germany Rate	Laos N	Laos Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,992	70.3%	1,633	48.9%	1,772	71.3%	4,263	42.5%
AALFA Family Clinic	948	67.0%								
Adefris & Toppin Women's Specialists	350	74.3%								
Affiliated Community Medical Centers	21,103	74.9%								
Albany Medical Center	493	66.3%								
Alexandria Clinic	6,359	76.1%								
Allina Health Clinics	164,050	78.3%	383	82.2%	170	60.6%	420	76.2%	361	64.0%
Allina Health Specialties	12,192	78.7%	32	81.3%						
Altru Health System	21,315	68.7%								
Apple Valley Medical Clinic	6,510	47.8%								
Appleton Area Health Services	396	45.7%								
Avera Medical Group	6,055	57.4%							57	29.8%
Axis Medical Center	674	1.6%								
Bluestone Physician Services	1,121	4.8%								
Boynton Health Service	510	62.9%								
Burnsville Family Physicians	2,596	77.9%								
Catalyst Medical Clinic	60	86.7%								
Cedar Riverside People's Center	1,446	4.7%			105	1.0%				
CentraCare Family Health Center	1,070	53.6%								
CentraCare Health	24,067	78.0%	49	81.6%			50	74.0%		
Chippewa County Montevideo Hosp. & Med. Clinic	2,340	67.0%								
Clinic Sofia Ob/Gyn	876	86.3%								
Community Memorial Hospital	66	56.1%								
Community University Health Care Center	1,357	39.6%							140	44.3%
Comprehensive Healthcare for Women	289	67.8%								
Courage Kenny Rehabilitation Institute	47	74.5%								
Cuyuna Regional Medical Center	180	60.3%								
Dawson Clinic	648	59.3%								
Duluth Family Medicine Clinic	920	57.7%								
Edina Family Physicians, P.A.	4,171	80.1%								
Edina Sports Health & Wellness	1,715	81.2%								
Entira Family Clinics	30,253	68.2%								
Essentia Health - Ada	479	54.5%								
Essentia Health - Baxter Specialty Clinics	294	73.5%								
Essentia Health - Central Region	12,976	71.5%	30	73.3%			40	72.5%		
Essentia Health - East Region	45,975	71.6%	278	64.7%			101	65.3%		
Essentia Health - Fosston	2,131	58.2%								
Essentia Health - Graceville	297	68.4%								
Essentia Health - St. Mary's	8,669	66.4%	33	66.7%						
Essentia Health - West	12,330	70.9%	38	78.9%						
Fairview Health Services	89,448	76.4%	138	83.3%	185	61.6%	181	76.2%	313	67.1%
Fairview Mesaba Clinics	4,953	63.9%								
Family Practice Medical Center of Willmar	2,876	74.0%								
FamilyHealth Medical Clinics	2,170	68.5%								
FirstLight Health System	4,500	64.7%								
France Avenue Family Physicians - MHN	2,548	61.3%								

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Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Mexico N	Mexico Rate	Somalia N	Somalia Rate	Vietnam N	Vietnam Rate	United States N	United States Rate
STATEWIDE AVERAGE	1,152,991	71.4%	4,937	49.1%	4,121	24.0%	3,162	73.2%	883,806	72.7%
AALFA Family Clinic	948	67.0%							736	67.1%
Adefris & Toppin Women's Specialists	350	74.3%								
Affiliated Community Medical Centers	21,103	74.9%	159	65.4%	104	19.2%			20,497	75.5%
Albany Medical Center	493	66.3%							492	66.5%
Alexandria Clinic	6,359	76.1%							6,287	76.3%
Allina Health Clinics	164,050	78.3%	552	66.8%	288	38.9%	594	75.4%	152,510	78.7%
Allina Health Specialties	12,192	78.7%	45	42.2%					11,826	79.0%
Altru Health System	21,315	68.7%								
Apple Valley Medical Clinic	6,510	47.8%					44	54.5%	5,664	50.6%
Appleton Area Health Services	396	45.7%								
Avera Medical Group	6,055	57.4%	109	45.0%					5,682	58.6%
Axis Medical Center	674	1.6%			579	1.6%			55	3.6%
Bluestone Physician Services	1,121	4.8%								
Boymton Health Service	510	62.9%							390	66.7%
Burnsville Family Physicians	2,596	77.9%							2,499	78.4%
Catalyst Medical Clinic	60	86.7%							46	89.1%
Cedar Riverside People's Center	1,446	4.7%			729	2.9%			375	10.1%
CentraCare Family Health Center	1,070	53.6%			118	26.3%			868	57.7%
CentraCare Health	24,067	78.0%	89	55.1%	71	29.6%			23,491	78.3%
Chippewa County Montevideo Hosp. & Med. Clinic	2,340	67.0%							2,320	67.1%
Clinic Sofia Ob/Gyn	876	86.3%								
Community Memorial Hospital	66	56.1%								
Community University Health Care Center	1,357	39.6%	49	38.8%	158	24.1%	114	66.7%	343	43.1%
Comprehensive Healthcare for Women	289	67.8%							246	68.3%
Courage Kenny Rehabilitation Institute	47	74.5%							47	74.5%
Cuyuna Regional Medical Center	180	60.3%								
Dawson Clinic	648	59.3%							648	59.3%
Duluth Family Medicine Clinic	920	57.7%							883	57.5%
Edina Family Physicians, P.A.	4,171	80.1%							1,040	83.2%
Edina Sports Health & Wellness	1,715	81.2%							1,611	81.6%
Entira Family Clinics	30,253	68.2%								
Essentia Health - Ada	479	54.5%							463	55.3%
Essentia Health - Baxter Specialty Clinics	294	73.5%							286	74.5%
Essentia Health - Central Region	12,976	71.5%							12,689	71.5%
Essentia Health - East Region	45,975	71.6%							44,739	71.8%
Essentia Health - Fosston	2,131	58.2%							2,086	58.5%
Essentia Health - Graceville	297	68.4%							293	68.3%
Essentia Health - St. Mary's	8,669	66.4%							8,416	66.4%
Essentia Health - West	12,330	70.9%							11,938	71.4%
Fairview Health Services	89,448	76.4%	192	59.9%	463	41.9%	725	78.3%	82,154	77.0%
Fairview Mesaba Clinics	4,953	63.9%							4,909	64.0%
Family Practice Medical Center of Willmar	2,876	74.0%			38	10.5%			2,790	75.3%
FamilyHealth Medical Clinics	2,170	68.5%							2,079	68.7%
FirstLight Health System	4,500	64.7%							4,448	64.7%
France Avenue Family Physicians - MHN	2,548	61.3%							2,147	63.3%

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Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin *continued*

Medical Group Name	Overall N	Overall Rate	Canada N	Canada Rate	Ethiopia N	Ethiopia Rate	Germany N	Germany Rate	Laos N	Laos Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,992	70.3%	1,633	48.9%	1,772	71.3%	4,263	42.5%
Gateway Family Health Clinic	3,722	56.2%								
Glencoe Regional Health Services	2,924	65.6%								
Grand Itasca Clinic	6,849	70.2%								
Gundersen Health System	2,350	73.6%								
HealthEast Clinics	29,667	65.6%	39	66.7%	50	44.0%	137	67.2%	986	40.0%
HealthPartners Central Minnesota Clinics	4,880	77.6%								
HealthPartners Clinics	68,119	77.6%	86	81.4%	411	61.3%			311	47.6%
Hendricks Community Hospital Association	826	54.1%								
Hennepin County Medical Center Clinics	14,137	51.3%			254	49.6%	35	37.1%	102	50.0%
Hudson Physicians - MN Healthcare Network	5,870	67.5%								
Hutchinson Health	4,576	66.5%								
Indian Health Board of Minneapolis	358	30.7%								
Integrity Health Network	25,314	71.8%								
John A. Haugen Associates, PA	1,029	81.0%								
Kittson Memorial Clinic	901	38.8%								
Lac Qui Parle Clinic	545	57.4%								
Lake City Family Physicians PC	60	21.7%								
Lake Region Healthcare	3,259	59.0%								
Lake Superior Community Health Center	842	42.9%								
Lake View Clinic - Two Harbors	60	68.3%								
Lakewood Health Center Clinic	962	54.5%								
Lakewood Health System	3,992	61.7%								
Life Medical	208	22.6%								
Madelia Community Hospital & Clinic	412	51.2%								
Mankato Clinic, Ltd.	11,600	78.1%	33	66.7%						
Mayo Clinic	39,628	77.3%								
Mayo Clinic Health System	51,342	75.8%								
Meeker Memorial Clinic	230	61.3%								
Metropolitan Obstetrics & Gynecology	1,203	70.6%								
Mille Lacs Health System	60	63.3%								
Multicare Associates	9,665	55.8%								
Murray County Clinic	92	22.8%								
Native American Community Clinic	502	18.5%								
Neighborhood Healthsource	1,217	27.4%								
North Clinic	13,236	66.1%	38	78.9%						
North Memorial	24,701	71.2%	32	71.9%			39	74.4%	152	36.8%
North Valley Health Center	84	50.0%								
NorthPoint Health & Wellness Center	2,892	45.3%			82	35.4%			468	31.0%
Northwest Family Physicians	5,787	67.8%								
Oakdale Ob/Gyn	1,792	79.1%								
OBGYN West	1,565	69.5%								
Obstetrics and Gynecology Associates	5,067	85.0%								
Olmsted Medical Center	12,020	63.1%							35	34.3%
Open Cities Health Center	64	18.8%								

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Mexico N	Mexico Rate	Somalia N	Somalia Rate	Vietnam N	Vietnam Rate	United States N	United States Rate
STATEWIDE AVERAGE	1,152,991	71.4%	4,937	49.1%	4,121	24.0%	3,162	73.2%	883,806	72.7%
Gateway Family Health Clinic	3,722	56.2%								
Glencoe Regional Health Services	2,924	65.6%	71	38.0%					2,825	66.3%
Grand Itasca Clinic	6,849	70.2%							6,783	70.2%
Gundersen Health System	2,350	73.6%								
HealthEast Clinics	29,667	65.6%	83	56.6%	54	16.7%	118	65.3%	26,328	67.5%
HealthPartners Central Minnesota Clinics	4,880	77.6%			87	9.2%	46	67.4%	4,396	80.7%
HealthPartners Clinics	68,119	77.6%	223	69.5%	312	42.0%	690	78.3%	47,553	80.2%
Hendricks Community Hospital Association	826	54.1%								
Hennepin County Medical Center Clinics	14,137	51.3%	1156	51.6%	419	32.0%	82	68.3%	10,372	51.7%
Hudson Physicians - MN Healthcare Network	5,870	67.5%							5,777	67.8%
Hutchinson Health	4,576	66.5%							4,477	66.5%
Indian Health Board of Minneapolis	358	30.7%							311	33.8%
Integrity Health Network	25,314	71.8%								
John A. Haugen Associates, PA	1,029	81.0%							898	82.6%
Kittson Memorial Clinic	901	38.8%							881	39.3%
Lac Qui Parle Clinic	545	57.4%							539	57.0%
Lake City Family Physicians PC	60	21.7%								
Lake Region Healthcare	3,259	59.0%							3,116	59.5%
Lake Superior Community Health Center	842	42.9%							571	48.5%
Lake View Clinic - Two Harbors	60	68.3%							60	68.3%
Lakewood Health Center Clinic	962	54.5%								
Lakewood Health System	3,992	61.7%							3,929	62.0%
Life Medical	208	22.6%							48	14.6%
Madelia Community Hospital & Clinic	412	51.2%								
Mankato Clinic, Ltd.	11,600	78.1%	36	58.3%					10,906	79.0%
Mayo Clinic	39,628	77.3%								
Mayo Clinic Health System	51,342	75.8%	77	57.1%					51,013	75.9%
Meeker Memorial Clinic	230	61.3%								
Metropolitan Obstetrics & Gynecology	1,203	70.6%							1,063	71.4%
Mille Lacs Health System	60	63.3%								
Multicare Associates	9,665	55.8%					54	64.8%	8,198	57.6%
Murray County Clinic	92	22.8%								
Native American Community Clinic	502	18.5%								
Neighborhood Healthsource	1,217	27.4%	32	21.9%					809	29.8%
North Clinic	13,236	66.1%					32	56.3%	12,491	66.7%
North Memorial	24,701	71.2%					127	69.3%	23,229	72.0%
North Valley Health Center	84	50.0%							73	50.7%
NorthPoint Health & Wellness Center	2,892	45.3%	214	39.7%					1,505	52.8%
Northwest Family Physicians	5,787	67.8%					32	75.0%	5,192	69.9%
Oakdale Ob/Gyn	1,792	79.1%							1,570	80.3%
OBGYN West	1,565	69.5%							1,287	70.0%
Obstetrics and Gynecology Associates	5,067	85.0%							4,318	85.7%
Olmsted Medical Center	12,020	63.1%	51	33.3%	53	13.2%			11,321	64.4%
Open Cities Health Center	64	18.8%								

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Canada N	Canada Rate	Ethiopia N	Ethiopia Rate	Germany N	Germany Rate	Laos N	Laos Rate
STATEWIDE AVERAGE	1,152,991	71.4%	1,992	70.3%	1,633	48.9%	1,772	71.3%	4,263	42.5%
Open Door Health Center	362	41.7%								
Ortonville Area Health Svcs.-Northside Med.Clinic	1,572	64.7%								
Park Nicollet Health Services	87,568	72.5%	42	66.7%			41	87.8%		
Parkview Medical Clinic - MN Healthcare Network	1,407	62.8%								
Parkway Family Physicians-MHN	61	57.4%								
Partners Ob/Gyn	1,799	86.7%								
Planned Parenthood MN, ND, SD	33	0.0%								
Prairie Ridge Hospital & Health Services	1,721	56.7%								
Rainy Lake Medical Center	60	18.3%								
Renville County Hospital and Clinics	1,622	58.6%								
Richard Schoewe MD	60	71.7%								
Richfield Medical Group	1,940	72.8%								
Ridgeview Clinics	7,818	59.2%								
River's Edge Hospital & Clinic	394	65.2%								
RiverView Health	1,104	44.4%								
Riverwood Healthcare Center	3,940	66.0%								
Sacred Heart Mercy Health Care Center	315	65.4%								
Sanford Health - Fargo Region	58,618	73.1%	173	79.2%			114	72.8%		
Sanford Health - Sioux Falls Region	48,201	67.1%	45	57.8%	41	36.6%	41	48.8%	108	20.4%
Sawtooth Mountain Clinic	1,652	58.8%								
Scandia Clinic	758	59.2%								
Scenic Rivers Health Services	2,668	46.7%								
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	1,035	60.5%								
Sleepy Eye Medical Center	1,003	53.5%								
Southdale Ob/Gyn Consultants	2,427	89.3%								
Southside Community Health Services	591	30.6%								
St. Croix Regional Medical Center	385	47.8%								
St. Luke's Clinics	780	72.3%								
Stevens Community Medical Center	401	72.4%								
Stillwater Medical Group	14,871	78.8%								
Synergy Family Physicians, P.A	365	47.4%								
Tri-County Health Care	3,779	57.2%								
United Family Medicine	3,288	54.0%			60	25.0%				
Unity Family Healthcare, Family Medical Center	3,081	72.7%								
University of Minnesota Physicians	9,460	61.4%			79	51.9%			461	52.9%
Valley Family Practice- MHN	598	68.7%								
Vibrant Health Family Clinics and MN Health Ntwk.	4,961	69.0%								
West Side Community Health Services	3,711	29.6%							515	22.3%
Western ObGyn	1,058	83.0%								
Williams Integracare Clinic	916	52.9%								
Winona Health Services	7,404	59.5%								
Women & Adolescent Gynecology Center	104	76.0%								
Women's Health Consultants	620	71.5%								
Zumbro Valley Health Center	37	21.6%								

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.

Table 20: Colorectal Cancer Screening (Medical Group Results) by Country of Origin - *continued*

Medical Group Name	Overall N	Overall Rate	Mexico N	Mexico Rate	Somalia N	Somalia Rate	Vietnam N	Vietnam Rate	United States N	United States Rate
STATEWIDE AVERAGE	1,152,991	71.4%	4,937	49.1%	4,121	24.0%	3,162	73.2%	883,806	72.7%
Open Door Health Center	362	41.7%	83	25.3%					238	49.2%
Ortonville Area Health Svcs.-Northside Med.Clinic	1,572	64.7%							1,559	64.7%
Park Nicollet Health Services	87,568	72.5%			31	35.5%	43	51.2%	10,813	76.4%
Parkview Medical Clinic - MN Healthcare Network	1,407	62.8%							1,407	62.8%
Parkway Family Physicians-MHN	61	57.4%								
Partners Ob/Gyn	1,799	86.7%								
Planned Parenthood MN, ND, SD	33	0.0%								
Prairie Ridge Hospital & Health Services	1,721	56.7%							1,689	57.4%
Rainy Lake Medical Center	60	18.3%							49	18.4%
Renville County Hospital and Clinics	1,622	58.6%							1,593	58.9%
Richard Schoewe MD	60	71.7%							50	72.0%
Richfield Medical Group	1,940	72.8%							1,833	72.9%
Ridgeview Clinics	7,818	59.2%								
River's Edge Hospital & Clinic	394	65.2%							361	66.8%
RiverView Health	1,104	44.4%							1,076	44.3%
Riverwood Healthcare Center	3,940	66.0%							3,865	66.4%
Sacred Heart Mercy Health Care Center	315	65.4%							311	65.9%
Sanford Health - Fargo Region	58,618	73.1%	85	54.1%			54	75.9%	56,450	73.4%
Sanford Health - Sioux Falls Region	48,201	67.1%	163	39.9%					47,164	67.6%
Sawtooth Mountain Clinic	1,652	58.8%							1,360	63.2%
Scandia Clinic	758	59.2%							752	59.6%
Scenic Rivers Health Services	2,668	46.7%							1,991	54.8%
Sibley Med. Ctr. DBA Ridgeview Sibley Med. Ctr.	1,035	60.5%							1,002	60.9%
Sleepy Eye Medical Center	1,003	53.5%							1,002	53.6%
Southdale Ob/Gyn Consultants	2,427	89.3%							2,353	89.3%
Southside Community Health Services	591	30.6%	86	29.1%					394	33.0%
St. Croix Regional Medical Center	385	47.8%								
St. Luke's Clinics	780	72.3%							757	70.7%
Stevens Community Medical Center	401	72.4%							399	67.9%
Stillwater Medical Group	14,871	78.8%							1,735	78.9%
Synergy Family Physicians, P.A	365	47.4%								
Tri-County Health Care	3,779	57.2%							3,723	57.3%
United Family Medicine	3,288	54.0%	124	38.7%					2,749	57.0%
Unity Family Healthcare, Family Medical Center	3,081	72.7%							2,261	73.6%
University of Minnesota Physicians	9,460	61.4%	36	61.1%	294	57.8%	58	56.9%	7,128	63.2%
Valley Family Practice- MHN	598	68.7%								
Vibrant Health Family Clinics and MN Health Ntwk.	4,961	69.0%							4,892	69.0%
West Side Community Health Services	3,711	29.6%	794	32.4%					1,074	30.0%
Western ObGyn	1,058	83.0%							997	83.7%
Williams Integracare Clinic	916	52.9%							893	53.3%
Winona Health Services	7,404	59.5%								
Women & Adolescent Gynecology Center	104	76.0%							84	75.0%
Women's Health Consultants	620	71.5%							570	72.6%
Zumbro Valley Health Center	37	21.6%							31	19.4%

Rates are not displayed for medical groups that have less than 30 patients. REL data is only displayed for medical groups collecting data using best practice. Denominator values (N) are displayed for reportable groups.



Please see next page.

How to Use This Report and Resources

This report is designed to serve a variety of audiences – from medical groups to community advocates, researchers to policy makers, public health professionals to health plans, and communities of color to consumers. Many facets of our community can utilize this information to compare the quality of care provided to and health outcomes of patients of different racial, ethnic, preferred language and country of origin groups. And, in addition to comparisons at statewide and regional levels, the 2015 report features medical group level comparisons on the clinical measures for the first time.

It's important to note that the information in this report identifies what health care disparities exist in Minnesota; however, it doesn't explain why they exist. We are sharing these results with our community to drive actions that will address inequities. We believe this information will be extremely useful for a variety of community stakeholders seeking to identify gaps or trends, drive policies or advocate system changes with the goal of reducing and ultimately ending health care disparities. This report can be used to evaluate outcomes for a distinct patient population, as well as to engage a specific community in ways not possible without tangible data. It also provides a foundation to drive future development of policy and priorities that support health equity.

By continually seeking to understand the unique needs of their patients and barriers to care, medical groups can implement effective and targeted interventions to address their patient's needs. It's imperative that this information is used to evaluate meaningful differences in care, outcomes and experience across patient groups. This will help identify systematic care improvement efforts designed to reduce disparities; and foster engagement with patients, their families and caregivers in new ways to better understand what barriers exist as they seek care.

We hope the second year of this annual report serves to further inform tailored interventions that will not only eliminate health disparities in Minnesota, but improve the health of our entire community.

Resources:

- CAHPS Improvement Guide: <https://cahps.ahrq.gov/quality-improvement/improvement-guide/improvement-guide.html>

Please see next page.

Future Plans

Minnesota currently stands alone in our ability to collect and report health care performance results stratified by race, Hispanic ethnicity, preferred language and country of origin (REL) for multiple quality measures and patient experience. But it is important and feasible for other states to join these efforts and build the infrastructure, expertise, collaborative health care environment and collective commitment to achieve the milestones that our community already has.

MN Community Measurement achieved two significant new milestones with the release of this second *Health Equity of Care Report*, as it now includes stratified results on five quality measures at a more actionable level – the medical group level – where more accountability lies for addressing gaps; as well as results of the Patient Experience of Care measure stratified by race and Hispanic ethnicity at statewide and regional levels.

However, there is still much to be done to identify, illuminate and address health inequities in Minnesota. We are focused on continuing to provide new and enhanced data and analyses each year that are targeted and useful in reducing health care disparities for medically-underserved and historically-underrepresented populations.

Over the next two years, we hope to enhance this report with:

- **Segmented results on additional Direct Data Submission measures:** This report includes information on five clinical measures that use data submitted by medical groups. Our goal is to expand it to include measures on adolescent mental health screening; pediatric overweight counseling; and depression care as the percentage of medical groups in Minnesota reporting REL information for those measures surpasses the threshold set by MNMCM's Measurement and Reporting Committee.
- **New analyses:** There are many ways to look at this data that could further illuminate where disparities exist and how our community might target resources to eliminate them. We will evaluate new analyses and include them in future reports, along with trending information as measure specifications stabilize.

Since our inception in 2002, MNMCM has used a multi-stakeholder, consensus-based process to make thoughtful and deliberate decisions about how to evaluate the care provided in our community. This method is the backbone of our work and the basis for the trust that we've built locally and nationally. Through this deliberative process, we will continue to evaluate new uses for the REL data that we currently collect as well as any additional information needed by the community.

Topics related to this report and MNMCM's collection and reporting of REL data that are currently being considered or will be considered in the near future include:

- **Use of REL factors in risk adjustment:** MNMCM's Risk Adjustment and Segmentation Committee evaluates each measure that is publicly reported by MNMCM to determine what factors are the most appropriate available data to use in risk adjustment for that measure. Among the factors being studied by the committee are race, Hispanic ethnicity, preferred language and country of origin. We will continue to study the impact of REL data variables for use in risk adjustment with current and future MNMCM measures.
- **Collection of other sociodemographic information:** There are other factors that not only have an association with health outcomes (e.g., income, education, disability, granular ethnicity) but can also be studied for their impact on risk adjustment. Our challenge is achieving an appropriate balance between the burden associated with the data collection and the benefit achieved for our community. MNMCM will continue to convene community discussions and evaluate appropriate next steps on this topic.

Future Plans

MNCM partners with many stakeholders in our state to identify and execute collaborative and evidence-based programs to reduce health disparities. One of those key partners is the Minnesota Department of Health, which has made health equity and the elimination of health care disparities a central tenet of its mission.

As a community, we are well positioned to build on the momentum that has already been achieved through the focused commitment of our medical community to collect and report REL data to MNMCM for the purpose of public reporting and segmentation. Closing the disparities that continue to exist in health care is critical for our state and nation. MNMCM is proud to be a leader in our community on this imperative work. Our ultimate goal is that this information be used by medical groups and community organizations to reduce and eventually eliminate health care disparities.

Please see next page.

Methodology

Data Source and Data Collection for Clinical Measures

The charts displayed in this report provide rate comparisons for each REL data category (race, Hispanic ethnicity, country of origin and preferred language) for MNCM measures at a statewide level. These charts utilize the REL data submitted by medical groups through MNCM's Direct Data Submission (DDS) process. Please refer to MNCM's *Handbook on the Collection of Race/Ethnicity/Language Data in Medical Groups* for more information about the REL data collection (<http://mncm.org/submitting-data/training-and-guidance/>).

Data Source and Data Collection for Patient Experience of Care

The race and Hispanic ethnicity charts for Patient Experience of Care are generated using self-reported data from the survey. The survey does not collect data on preferred language or country of origin.

Reported Measures

The following Patient Experience of Care domains were included in this report:

- Access to Care
- Provider Communication
- Office Staff
- Rating of Provider

The following DDS measures were included in this report:

- Optimal Diabetes Care
- Optimal Vascular Care
- Optimal Asthma Control– Adults
- Optimal Asthma Control – Children
- Colorectal Cancer Screening

When submitting data using the DDS process, medical groups may submit data for their full population or a sample of at least 60 patients per clinic; however, they are strongly encouraged to submit the total patient population. For medical groups that chose to submit a sample, the DDS Data Collection Guide and technical specifications described accepted methods to systematically select a random sample. The medical group's process to select a sample is reviewed by MNCM staff as part of the pre-submission data certification process which occurs prior to data submission.

Best Practices for Clinical Measures

REL data collection undergoes a unique validation process to ensure that clinics collect REL data elements from patients using best practices. Best practices are defined as:

1. Patients were allowed to self-report their race, Hispanic ethnicity, preferred language and country of origin.
2. Patients were allowed to select one or more categories for race (i.e., medical groups/clinics did not collect data using a Multi-Racial category).
3. Medical groups/clinics are able to capture and report more than one race as selected by the patient.

A medical group/clinic must meet all the criteria for an REL data element to achieve best practice status and to have their data for that element included in the rate calculation. Only validated REL data that has been collected using best practices are used to calculate REL rates.

Methodology

Best Practices for Patient Experience of Care

The race question on the Patient Experience of Care survey allows for self-selecting all races that apply to the respondent. The races listed on the survey are the same race descriptions as defined by the Office of Management and Budget (OMB).

Total Population versus Sample Population

For clinics that submitted a sample patient population, REL rates were weighted based on the eligible counts for the measure and on the counts for each REL data element submitted in the sample.

Public Reporting Threshold for Clinical Measures

Consistent with other MNMCM public reporting requirements, each category has a minimum threshold of patients necessary in order to publicly report data. A minimum threshold of 30 patients was required for each race and Hispanic ethnicity category. For the overall statewide rate charts, a minimum threshold of 100 patients was required for the country of origin and preferred language categories to keep the data display manageable. For the regional analysis charts, medical group charts and medical group tables, a minimum threshold of 30 patients was required for all REL categories. Ninety-five percent confidence intervals are calculated for each rate in a measure.

Public Reporting Threshold for Clinical Measures

Public reporting of the Patient Experience of Care data followed the same minimum threshold of 30 respondents for the statewide and regional race/ethnicity charts.

REL Categories

Race

MNCM uses race descriptions as defined by the Office of Management and Budget (OMB):

- **American Indian or Alaskan Native:** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- **Asian:** A person having origins in any of the original peoples of the Far East, Southeast Asia or the Indian subcontinent.
- **Black or African American:** A person having origins in any of the black racial groups of Africa. Terms such as “Haitian” or “Negro” can be used in addition to “Black or African American.”
- **Multi-Racial:** A person self-identifying with more than one of the following races: American Indian or Alaskan Native, Asian/Pacific Islander/Native Hawaiian, Black/African American and White. People in this category did not select a catch-all “multi-racial” or “more than one race” category; instead, it was created for reporting purposes.
- **Native Hawaiian or Other Pacific Islander:** A person having origins in any of the original peoples of Hawaii, Guam, Samoa or other Pacific Islands.
- **Some Other Race:** A person who is unable to identify with the race categories provided. (Please note: This is not meant to be used as a “Multi-Racial” by a clinic. It is meant to be used ONLY if the patient self-reports he/she is unable to identify with a race category listed above.)
- **Unknown:** A person who has not self-reported his or her race during the appointment.

Methodology

- **White:** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

Patients who self-reported:

- More than one race were categorized into a “Multi-Racial” category for analysis and reporting purposes only. This decision was made because the counts of those selecting more than one race were not large enough to be reportable separately. Combining these patients into a “Multi-Racial” category allows patients who selected more than one race to be reported. It is still important that medical groups are able to allow patients to report as many races as necessary in order to make data-driven decisions to improve patient care based on the patient’s race.
- No race category was categorized in the “Blank” category.

Hispanic Ethnicity for Clinical Measures

Hispanic ethnicity descriptions defined by the OMB as:

- **Hispanic or Latino:** A person of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin. The term “Spanish origin” can be used in addition to “Hispanic or Latino.”
- **Non-Hispanic:** A person who is not of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin.

Patients who self-reported:

- No Hispanic ethnicity category were categorized into the “Blank” category.
- One or more race categories plus the Hispanic ethnicity category, was represented once in the appropriate category on the race chart and once on the Hispanic ethnicity chart.

- One or more race category ONLY was represented in the appropriate category on the race chart and as “Non-Hispanic” on the ethnicity chart.

Hispanic Ethnicity for Patient Experience of Care

Analysis of Patient Experience survey data does not allow for counting a respondent in more than one race and/or ethnicity category. Therefore, patients indicating more than one race were coded as “multi-racial”. Patients indicating Hispanic ethnicity, whether or not other races were indicated, were coded as “Hispanic” only.

Preferred Language

MNCM uses preferred language as defined by OMB. An “Other” category and description are also collected in the situation in which a patient’s preferred language is not on the list.

Country of Origin

MNCM uses countries of origin as defined by OMB. An “Other” category and description are also collected in the situation in which a patient’s country of origin is not on the list.

Regional Analysis

Boundaries of the nine regions were determined by synthesizing health care and geopolitical data, including from the Metropolitan Council and the state of Minnesota. The two largest regions (East Metro and West Metro) were subdivided to form the Minneapolis and St. Paul regions. Regional analysis was conducted using zip code data provided by medical groups during the submission of their DDS data.

Methodology

Medical Group Analysis

For medical group level charts and tables, REL data was only reported for medical groups verified as following best practices and met the minimum reporting threshold of 30. In general, only REL categories with at least ten reportable medical groups were reported for the medical groups charts. For measures that did not have enough reportable entities for Preferred Language and Country of Origin, "Non-English" and "Non-U.S." were reported in the medical group tables in the back of the report. For a medical group to be considered following best practices, all clinics within the medical group must have been verified as following best practices.

Limitations

The statewide and regional rates in this report do not represent all medical groups and clinics in Minnesota. MNCM established minimum thresholds for public reporting to ensure statistically reliable rates. Only medical groups and clinics that met these thresholds were included in the statewide and regional rates. DDS measures are based on complete census of all patients, so a minimum threshold of 30 patients per REL category was required.

Patients who did not indicate a race or ethnicity on the Patient Experience of Care survey were not included in this report.



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