

## OPTIMAL VASCULAR CARE

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
<b>STATEWIDE AVERAGE</b>	<b>178,460</b>	<b>53.8%</b>			
ALLINA HEALTH	37,924	52.0%	54.6%	0.95	Below Expected
ALOMERE HEALTH	817	55.7%	55.5%	1.00	Expected
ALTRU HEALTH SYSTEM	4,882	62.6%	54.1%	1.16	Above Expected
AMERY HOSPITAL AND CLINIC	586	46.6%	53.8%	0.87	Below Expected
APPLETON AREA HEALTH SERVICES	73	28.8%	52.7%	0.55	Below Expected
AVERA MEDICAL GROUP	1,427	46.4%	52.9%	0.88	Below Expected
CCM HEALTH	235	52.3%	54.7%	0.96	Expected
CEDAR RIVERSIDE PEOPLE'S CENTER	88	27.3%	46.5%	0.59	Below Expected
CENTRACARE HEALTH	6,358	53.8%	53.8%	1.00	Expected
COMMUNITY MEMORIAL HOSPITAL	335	25.4%	53.1%	0.48	Below Expected
COMMUNITY UNIVERSITY HEALTH CARE CENTER	113	35.4%	45.1%	0.78	Below Expected
CROMWELL MEDICAL CLINIC PLLC - IHN	38	57.9%	55.4%	1.04	Expected
CUYUNA REGIONAL MEDICAL CENTER	911	49.1%	54.3%	0.90	Below Expected
DAWSON CLINIC	91	42.9%	54.0%	0.79	Below Expected
DULUTH FAMILY MEDICINE CLINIC (FORMERLY DULUTH FAMILY PRACTICE CENTER)	135	37.0%	44.8%	0.83	Expected
EDINA SPORTS HEALTH & WELLNESS	118	58.5%	56.3%	1.04	Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	2,871	68.9%	55.1%	1.25	Above Expected
ESSENTIA HEALTH	14,233	57.8%	53.3%	1.09	Above Expected
FAIRVIEW HEALTH SERVICES	22,941	55.8%	53.6%	1.04	Above Expected
FAIRVIEW MESABA CLINICS	832	53.6%	52.3%	1.03	Expected
FRANCE AVENUE FAMILY PHYSICIANS - MINNESOTA HEALTHCARE NETWORK	185	75.1%	56.2%	1.34	Above Expected
GLENCOE REGIONAL HEALTH SERVICES	383	57.4%	54.4%	1.06	Expected
GLENWOOD MEDICAL CENTER	320	34.4%	54.5%	0.63	Below Expected
GRAND ITASCA CLINIC	1,123	53.3%	53.2%	1.00	Expected
GUNDERSEN HEALTH SYSTEM	469	62.5%	55.0%	1.14	Above Expected
GUNDERSEN SAINT ELIZABETHS HOSPITAL AND CLINICS	104	7.7%	55.8%	0.14	Below Expected
HEALTHPARTNERS CLINICS	10,373	54.4%	53.7%	1.01	Expected
HENDRICKS COMMUNITY HOSPITAL ASSOCIATION	67	61.2%	54.8%	1.12	Expected
HENNEPIN HEALTHCARE	2,335	36.4%	46.6%	0.78	Below Expected
HUTCHINSON HEALTH	766	53.7%	54.7%	0.98	Expected
INDIAN HEALTH BOARD OF MINNEAPOLIS	32	43.8%	48.9%	0.89	Expected
KITTSOON HEALTHCARE CLINIC	129	45.0%	55.4%	0.81	Below Expected
LAC QUI PARLE CLINIC	49	49.0%	53.9%	0.91	Expected
LAKE REGION HEALTHCARE	860	35.6%	54.6%	0.65	Below Expected

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LAKE SUPERIOR COMMUNITY HEALTH CENTER	112	25.0%	49.8%	0.50	Below Expected
LAKE VIEW CLINIC - TWO HARBORS	194	45.4%	54.6%	0.83	Below Expected
LAKESWOOD HEALTH CENTER CLINIC	67	55.2%	53.3%	1.04	Expected
LAKESWOOD HEALTH SYSTEM	556	58.3%	52.7%	1.11	Above Expected
MADLIA COMMUNITY HOSPITAL & CLINIC	80	45.0%	54.8%	0.82	Expected
MANKATO CLINIC, LTD.	1,578	54.5%	54.7%	1.00	Expected
MAYO CLINIC	11,382	48.9%	53.7%	0.91	Below Expected
MAYO CLINIC HEALTH SYSTEM	9,038	53.8%	53.9%	1.00	Expected
MEEKER MEMORIAL HOSPITAL & CLINICS	40	62.5%	54.9%	1.14	Expected
MILLE LACS HEALTH SYSTEM	216	41.2%	50.4%	0.82	Below Expected
NATIVE AMERICAN COMMUNITY CLINIC	33	42.4%	46.6%	0.91	Expected
NEIGHBORHOOD HEALTHSOURCE	59	32.2%	46.1%	0.70	Below Expected
NORTH MEMORIAL	5,486	59.8%	53.9%	1.11	Above Expected
NORTH VALLEY HEALTH CENTER	42	57.1%	56.0%	1.02	Expected
NORTHPOINT HEALTH & WELLNESS CENTER	234	31.6%	41.0%	0.77	Below Expected
NORTHWEST FAMILY PHYSICIANS	500	59.4%	53.7%	1.11	Above Expected
OLIVIA HOSPITAL & CLINIC	179	59.2%	53.1%	1.11	Expected
OLMSTED MEDICAL CENTER	1,678	49.6%	52.3%	0.95	Below Expected
OPEN CITIES HEALTH CENTER	64	12.5%	45.4%	0.28	Below Expected
ORTONVILLE AREA HEALTH SERVICES-NORTHSIDE MEDICAL CLINIC	204	62.8%	55.4%	1.13	Above Expected
PARK NICOLLET HEALTH SERVICES	9,387	55.0%	54.9%	1.00	Expected
PARKVIEW MEDICAL CLINIC - MINNESOTA HEALTHCARE NETWORK	95	36.8%	55.4%	0.67	Below Expected
PERHAM HEALTH	414	62.6%	53.7%	1.17	Above Expected
PRAIRIE RIDGE HOSPITAL & HEALTH SERVICES	136	45.6%	54.4%	0.84	Below Expected
RICHFIELD MEDICAL GROUP	243	61.7%	56.0%	1.10	Expected
RIVERVIEW HEALTH	225	51.1%	52.4%	0.98	Expected
RIVERWOOD HEALTHCARE CENTER	547	49.7%	54.0%	0.92	Expected
SANFORD HEALTH	11,359	59.0%	53.6%	1.10	Above Expected
SAWTOOTH MOUNTAIN CLINIC	94	53.2%	54.7%	0.97	Expected
SCENIC RIVERS HEALTH SERVICES	347	49.3%	53.1%	0.93	Expected
SLEEPY EYE MEDICAL CENTER	97	49.5%	55.4%	0.89	Expected
SOUTHSIDE COMMUNITY HEALTH SERVICES	33	42.4%	40.6%	1.04	Expected
ST. CROIX REGIONAL MEDICAL CENTER	1,178	44.3%	54.3%	0.82	Below Expected
ST. LUKE'S CLINICS	3,493	49.2%	53.7%	0.92	Below Expected
STELLIS HEALTH, PA	1,007	57.7%	54.5%	1.06	Above Expected
STEVENS COMMUNITY MEDICAL CENTER	128	41.4%	54.4%	0.76	Below Expected

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SWIFT COUNTY BENSON HEALTH SERVICES	125	55.2%	55.1%	1.00	Expected
TRI-COUNTY HEALTH CARE	477	47.4%	51.7%	0.92	Expected
UNITED FAMILY MEDICINE	487	37.8%	48.2%	0.78	Below Expected
UNITED HOSPITAL DISTRICT CLINIC	237	47.3%	52.4%	0.90	Expected
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	543	52.3%	53.1%	0.99	Expected
UNIVERSITY OF MINNESOTA PHYSICIANS	277	40.8%	47.8%	0.85	Below Expected
VOYAGE HEALTHCARE	1,035	54.8%	55.3%	0.99	Expected
WELIA HEALTH	749	45.7%	52.6%	0.87	Below Expected
WEST SIDE COMMUNITY HEALTH SERVICES	156	46.2%	44.6%	1.03	Expected
WESTFIELDS HOSPITAL AND CLINIC	529	51.6%	54.6%	0.94	Expected
WILLIAMS INTEGRACARE CLINIC	161	32.3%	52.0%	0.62	Below Expected
WINNESHIEK MEDICAL CENTER-MABEL CLINIC	32	50.0%	55.0%	0.91	Expected
WINONA HEALTH SERVICES	868	46.8%	54.2%	0.86	Below Expected

## DEFINITIONS

### RISK ADJUSTMENT

Risk adjustment is a technique used to enable fair comparisons of clinics/medical groups by adjusting for the differences in risk among specific patient groups. It is especially important for outcome measures that are influenced by factors outside of the control of health care providers. MNCM uses an “Actual to Expected” methodology for risk adjustment. This methodology does not alter a clinic/medical group’s result as the actual rate remains unchanged. Instead, each clinic/medical group’s rate is compared to an “expected rate” for that clinic/medical group based on the specific characteristics of patients seen by the clinic/medical group, compared to the total patient population.

All expected values for clinical quality measures reported by medical groups are calculated using a logistic regression model including the variables listed below.

### RISK ADJUSTED VARIABLES BY MEASURE

Measure	Risk Adjustment Variables
Colorectal Cancer Screening	Insurance product, deprivation index, patient age
Optimal Asthma Control	Insurance product, deprivation index
Optimal Diabetes Care	Insurance product, deprivation index, patient age, diabetes type
Optimal Vascular Care	Insurance product, deprivation index, patient age
Depression Care Suite	Insurance product, deprivation index, patient age, depression severity

**Insurance product type** includes commercial, Medicare, Medicaid, uninsured, unknown

**Deprivation index** includes ZIP code level average of poverty, public assistance, unemployment, single female with child(ren), and food stamps (SNAP) converted to a single index that is a proxy for overall socioeconomic status

A Chi-square test is used to determine whether there is a statistically significant difference between the expected and actual rates of optimally managed patients attributed to each clinic/medical group. The methodology uses a 95 percent test of significance.

### RATINGS

- **Above Expected:** Medical group's actual rate is significantly above its expected rate
- **Expected:** Medical group's actual rate is not significantly different than its expected rate
- **Below Expected:** Medical group's rate is significantly below its expected rate