

## OPTIMAL DIABETES CARE

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
<b>STATEWIDE AVERAGE</b>	<b>314,316</b>	<b>40.6%</b>			
ALLINA HEALTH	48,753	41.7%	41.8%	1.00	Expected
ALOMERE HEALTH	1,541	44.1%	43.9%	1.00	Expected
ALTRU HEALTH SYSTEM	7,116	45.3%	41.4%	1.10	Above Expected
AMERY HOSPITAL AND CLINIC	1,091	36.6%	41.6%	0.88	Below Expected
APPLETON AREA HEALTH SERVICES	76	38.2%	41.9%	0.91	Expected
AVERA MEDICAL GROUP	2,854	38.3%	40.5%	0.94	Below Expected
CCM HEALTH	541	38.3%	42.7%	0.90	Below Expected
CEDAR RIVERSIDE PEOPLE'S CENTER	429	31.5%	32.2%	0.98	Expected
CENTRACARE HEALTH	12,693	45.4%	40.8%	1.11	Above Expected
COMMUNITY MEMORIAL HOSPITAL	864	24.2%	41.3%	0.59	Below Expected
COMMUNITY UNIVERSITY HEALTH CARE CENTER	743	26.0%	30.4%	0.85	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	1,301	38.5%	42.7%	0.90	Below Expected
DAWSON CLINIC	214	41.6%	43.2%	0.96	Expected
DULUTH FAMILY MEDICINE CLINIC (FORMERLY DULUTH FAMILY PRACTICE CENTER)	354	25.4%	33.1%	0.77	Below Expected
EDINA SPORTS HEALTH & WELLNESS	167	41.3%	44.1%	0.94	Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	5,889	54.4%	42.3%	1.28	Above Expected
ESSENTIA HEALTH	22,399	44.6%	40.8%	1.09	Above Expected
FAIRVIEW HEALTH SERVICES	36,505	40.5%	40.3%	1.01	Expected
FAIRVIEW MESABA CLINICS	1,651	42.3%	39.8%	1.06	Above Expected
FRANCE AVENUE FAMILY PHYSICIANS - MINNESOTA HEALTHCARE NETWORK	458	56.1%	42.5%	1.32	Above Expected
GLENCOE REGIONAL HEALTH SERVICES	993	41.4%	42.1%	0.98	Expected
GLENWOOD MEDICAL CENTER	517	27.7%	42.9%	0.64	Below Expected
GRAND ITASCA CLINIC	1,682	39.0%	40.9%	0.95	Expected
GUNDERSEN HEALTH SYSTEM	820	51.6%	43.0%	1.20	Above Expected
GUNDERSEN SAINT ELIZABETHS HOSPITAL AND CLINICS	333	41.7%	44.9%	0.93	Expected
HEALTHPARTNERS CLINICS	24,061	38.7%	40.3%	0.96	Below Expected
HENDRICKS COMMUNITY HOSPITAL ASSOCIATION	156	34.6%	43.8%	0.79	Below Expected
HENNEPIN HEALTHCARE	7,026	25.9%	32.7%	0.79	Below Expected
HUTCHINSON HEALTH	1,516	46.0%	43.0%	1.07	Above Expected
INDIAN HEALTH BOARD OF MINNEAPOLIS	247	19.0%	30.3%	0.63	Below Expected
KITTSOON HEALTHCARE CLINIC	250	30.8%	42.5%	0.73	Below Expected
LAC QUI PARLE CLINIC	145	44.1%	41.5%	1.06	Expected
LAKE REGION HEALTHCARE	1,531	30.2%	42.2%	0.72	Below Expected
LAKE SUPERIOR COMMUNITY HEALTH CENTER	416	22.4%	38.1%	0.59	Below Expected

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LAKE VIEW CLINIC - TWO HARBORS	415	30.6%	43.1%	0.71	Below Expected
LAKESWOOD HEALTH CENTER CLINIC	122	31.2%	42.2%	0.74	Below Expected
LAKESWOOD HEALTH SYSTEM	1,063	43.7%	39.5%	1.11	Above Expected
LIFE MEDICAL	60	5.0%	33.9%	0.15	Below Expected
MADELIA COMMUNITY HOSPITAL & CLINIC	216	26.4%	40.8%	0.65	Below Expected
MANKATO CLINIC, LTD.	2,914	47.2%	41.1%	1.15	Above Expected
MAYO CLINIC	12,403	42.6%	41.4%	1.03	Above Expected
MAYO CLINIC HEALTH SYSTEM	16,920	42.9%	41.5%	1.03	Above Expected
MEEKER MEMORIAL HOSPITAL & CLINICS	63	42.9%	45.2%	0.95	Expected
MILLE LACS HEALTH SYSTEM	479	30.5%	37.2%	0.82	Below Expected
MURRAY COUNTY CLINIC	131	26.0%	42.2%	0.62	Below Expected
NATIVE AMERICAN COMMUNITY CLINIC	388	15.0%	32.0%	0.47	Below Expected
NEIGHBORHOOD HEALTHSOURCE	529	23.3%	31.5%	0.74	Below Expected
NORTH MEMORIAL	8,470	44.6%	41.1%	1.08	Above Expected
NORTH VALLEY HEALTH CENTER	113	33.6%	42.8%	0.79	Expected
NORTHPOINT HEALTH & WELLNESS CENTER	1,665	16.5%	26.7%	0.62	Below Expected
NORTHWEST FAMILY PHYSICIANS	1,501	40.4%	41.8%	0.97	Expected
OLIVIA HOSPITAL & CLINIC	445	42.5%	40.7%	1.04	Expected
OLMSTED MEDICAL CENTER	4,350	40.6%	40.0%	1.01	Expected
OPEN CITIES HEALTH CENTER	483	16.8%	31.5%	0.53	Below Expected
OPEN DOOR HEALTH CENTER	296	26.7%	30.6%	0.87	Expected
ORTONVILLE AREA HEALTH SERVICES-NORTHSIDE MEDICAL CLINIC	305	50.5%	43.7%	1.16	Above Expected
PARK NICOLLET HEALTH SERVICES	25,008	39.8%	40.9%	0.97	Below Expected
PARKVIEW MEDICAL CLINIC - MINNESOTA HEALTHCARE NETWORK	201	21.9%	44.5%	0.49	Below Expected
PERHAM HEALTH	710	51.4%	42.0%	1.22	Above Expected
PRAIRIE RIDGE HOSPITAL & HEALTH SERVICES	351	35.3%	41.2%	0.86	Below Expected
RICHFIELD MEDICAL GROUP	368	47.6%	44.7%	1.06	Expected
RIDGEVIEW CLINICS	2,580	45.7%	42.6%	1.07	Above Expected
RIVERVIEW HEALTH	530	29.6%	39.4%	0.75	Below Expected
RIVERWOOD HEALTHCARE CENTER	903	39.3%	42.4%	0.93	Expected
SANFORD HEALTH	19,284	44.1%	40.9%	1.08	Above Expected
SAWTOOTH MOUNTAIN CLINIC	258	31.0%	43.2%	0.72	Below Expected
SCENIC RIVERS HEALTH SERVICES	607	36.2%	41.4%	0.88	Below Expected
SIBLEY MEDICAL CENTER DBA RIDGEVIEW SIBLEY MEDICAL CENTER	300	39.0%	41.4%	0.94	Expected
SLEEPY EYE MEDICAL CENTER	239	35.6%	41.6%	0.86	Below Expected

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SOUTHSIDE COMMUNITY HEALTH SERVICES	302	37.1%	27.2%	1.36	Above Expected
ST. CROIX REGIONAL MEDICAL CENTER	1,885	36.8%	42.4%	0.87	Below Expected
ST. LUKE'S CLINICS	5,773	30.7%	40.6%	0.76	Below Expected
STELLIS HEALTH, PA	2,260	39.7%	42.0%	0.95	Below Expected
STEVENS COMMUNITY MEDICAL CENTER	376	27.9%	41.8%	0.67	Below Expected
SWIFT COUNTY BENSON HEALTH SERVICES	332	34.6%	42.3%	0.82	Below Expected
TRI-COUNTY HEALTH CARE	945	38.7%	39.6%	0.98	Expected
UNITED FAMILY MEDICINE	1,313	27.6%	34.5%	0.80	Below Expected
UNITED HOSPITAL DISTRICT CLINIC	617	26.6%	40.0%	0.66	Below Expected
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	1,028	37.2%	41.6%	0.89	Below Expected
UNIVERSITY OF MINNESOTA PHYSICIANS	640	26.4%	33.2%	0.80	Below Expected
VOYAGE HEALTHCARE	2,671	34.7%	43.1%	0.81	Below Expected
WELIA HEALTH	1,450	31.7%	40.3%	0.79	Below Expected
WEST SIDE COMMUNITY HEALTH SERVICES	1,618	24.4%	29.0%	0.84	Below Expected
WESTFIELDS HOSPITAL AND CLINIC	953	43.1%	42.7%	1.01	Expected
WILLIAMS INTEGRACARE CLINIC	237	21.1%	39.9%	0.53	Below Expected
WINNESHIEK MEDICAL CENTER-MABEL CLINIC	67	43.3%	45.1%	0.96	Expected
WINONA HEALTH SERVICES	1,825	37.8%	42.2%	0.89	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. MNMCM 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