

OPTIMAL ASTHMA CONTROL - ADULTS

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
STATEWIDE AVERAGE	141,659	46.6%			
ALLINA HEALTH	25,655	53.8%	48.1%	1.12	Above Expected
ALOMERE HEALTH	539	54.7%	47.4%	1.16	Above Expected
ALTRU HEALTH SYSTEM	2,258	0.0%	47.6%	0.00	Below Expected
AMERY HOSPITAL AND CLINIC	388	53.1%	46.7%	1.14	Above Expected
APPLETON AREA HEALTH SERVICES	34	0.0%	44.1%	0.00	Below Expected
AVERA MEDICAL GROUP	844	0.5%	45.8%	0.01	Below Expected
CCM HEALTH	124	7.3%	46.1%	0.16	Below Expected
CEDAR RIVERSIDE PEOPLE'S CENTER	129	14.7%	31.8%	0.46	Below Expected
CENTRACARE HEALTH	4,350	50.5%	45.4%	1.11	Above Expected
CENTRAL PEDIATRICS	190	87.4%	49.8%	1.76	Above Expected
CHILD AND TEEN MEDICAL CENTER	32	90.6%	45.0%	2.01	Above Expected
CHILDREN'S MINNESOTA	455	71.9%	50.2%	1.43	Above Expected
CHILDREN'S RESPIRATORY & CRITICAL CARE SPECIALISTS	356	76.4%	49.4%	1.55	Above Expected
COMMUNITY MEMORIAL HOSPITAL	238	0.0%	43.8%	0.00	Below Expected
COMMUNITY UNIVERSITY HEALTH CARE CENTER	236	10.2%	34.6%	0.29	Below Expected
CROMWELL MEDICAL CLINIC PLLC - IHN	31	19.4%	42.9%	0.45	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	505	37.8%	44.4%	0.85	Below Expected
DAWSON CLINIC	85	50.6%	47.1%	1.07	Expected
DULUTH FAMILY MEDICINE CLINIC (FORMERLY DULUTH FAMILY PRACTICE CENTER)	272	16.5%	37.9%	0.44	Below Expected
EAGAN VALLEY PEDIATRICS	47	38.3%	46.8%	0.82	Expected
EDINA SPORTS HEALTH & WELLNESS	112	66.1%	50.1%	1.32	Above Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	1,779	59.8%	46.7%	1.28	Above Expected
ESSENTIA HEALTH	8,676	50.7%	44.9%	1.13	Above Expected
FAIRVIEW HEALTH SERVICES	18,527	55.8%	47.3%	1.18	Above Expected
FAIRVIEW MESABA CLINICS	599	52.1%	41.8%	1.24	Above Expected
FRANCE AVENUE FAMILY PHYSICIANS - MINNESOTA HEALTHCARE NETWORK	232	63.4%	50.4%	1.26	Above Expected
GLENCOE REGIONAL HEALTH SERVICES	411	20.4%	48.1%	0.42	Below Expected
GLENWOOD MEDICAL CENTER	195	5.6%	47.0%	0.12	Below Expected
GRAND ITASCA CLINIC	897	51.1%	43.4%	1.18	Above Expected
GUNDERSEN HEALTH SYSTEM	233	23.2%	47.5%	0.49	Below Expected
GUNDERSEN SAINT ELIZABETHS HOSPITAL AND CLINICS	82	0.0%	45.3%	0.00	Below Expected
HEALTHPARTNERS CLINICS	12,300	53.1%	47.4%	1.12	Above Expected
HENNEPIN HEALTHCARE	3,069	40.6%	40.0%	1.01	Expected

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HUTCHINSON HEALTH	571	29.1%	48.0%	0.61	Below Expected
INDIAN HEALTH BOARD OF MINNEAPOLIS	72	8.3%	35.8%	0.23	Below Expected
KITTSOON HEALTHCARE CLINIC	71	32.4%	48.2%	0.67	Below Expected
LAC QUI PARLE CLINIC	44	40.9%	46.2%	0.89	Expected
LAKE REGION HEALTHCARE	471	41.0%	44.1%	0.93	Expected
LAKE SUPERIOR COMMUNITY HEALTH CENTER	125	21.6%	38.1%	0.57	Below Expected
LAKE VIEW CLINIC - TWO HARBORS	142	1.4%	44.0%	0.03	Below Expected
LAKEWOOD HEALTH SYSTEM	442	50.0%	43.3%	1.16	Above Expected
MADELIA COMMUNITY HOSPITAL & CLINIC	67	22.4%	46.4%	0.48	Below Expected
MANKATO CLINIC, LTD.	1,519	61.0%	46.7%	1.30	Above Expected
MAYO CLINIC	5,236	37.6%	48.2%	0.78	Below Expected
MAYO CLINIC HEALTH SYSTEM	6,027	38.2%	46.3%	0.82	Below Expected
MIDWEST EAR, NOSE & THROAT SPECIALISTS	288	51.0%	45.8%	1.11	Expected
MILLE LACS HEALTH SYSTEM	154	16.9%	42.7%	0.40	Below Expected
NATIVE AMERICAN COMMUNITY CLINIC	225	6.7%	34.1%	0.20	Below Expected
NEIGHBORHOOD HEALTHSOURCE	238	17.2%	35.5%	0.49	Below Expected
NORTH MEMORIAL	3,225	25.2%	46.2%	0.55	Below Expected
NORTH VALLEY HEALTH CENTER	35	0.0%	47.4%	0.00	Below Expected
NORTHPOINT HEALTH & WELLNESS CENTER	502	12.6%	28.5%	0.44	Below Expected
NORTHWEST FAMILY PHYSICIANS	609	28.6%	43.5%	0.66	Below Expected
OLIVIA HOSPITAL & CLINIC	92	43.5%	45.5%	0.96	Expected
OLMSTED MEDICAL CENTER	2,019	43.5%	43.8%	0.99	Expected
OPEN CITIES HEALTH CENTER	132	3.0%	33.5%	0.09	Below Expected
OPEN DOOR HEALTH CENTER	65	20.0%	38.5%	0.52	Below Expected
ORTONVILLE AREA HEALTH SERVICES-NORTHSIDE MEDICAL CLINIC	92	34.8%	46.7%	0.75	Below Expected
PARK NICOLLET HEALTH SERVICES	15,304	60.0%	49.0%	1.22	Above Expected
PEDIATRIC & YOUNG ADULT MEDICINE	132	0.0%	44.2%	0.00	Below Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	118	53.4%	50.1%	1.07	Expected
PERHAM HEALTH	259	50.2%	44.6%	1.12	Expected
PRAIRIE RIDGE HOSPITAL & HEALTH SERVICES	106	0.0%	45.1%	0.00	Below Expected
RICHFIELD MEDICAL GROUP	82	72.0%	49.3%	1.46	Above Expected
RIDGEVIEW CLINICS	742	63.8%	46.5%	1.37	Above Expected
RIVERVIEW HEALTH	136	12.5%	42.6%	0.29	Below Expected
RIVERWOOD HEALTHCARE CENTER	285	39.0%	43.2%	0.90	Expected
SANFORD HEALTH	6,783	39.7%	47.1%	0.84	Below Expected
SAWTOOTH MOUNTAIN CLINIC	107	27.1%	43.9%	0.62	Below Expected

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SCENIC RIVERS HEALTH SERVICES	138	26.8%	43.2%	0.62	Below Expected
SIBLEY MEDICAL CENTER DBA RIDGEVIEW SIBLEY MEDICAL CENTER	76	72.4%	46.8%	1.55	Above Expected
SLEEPY EYE MEDICAL CENTER	37	32.4%	48.0%	0.68	Expected
SOUTH LAKE PEDIATRICS	315	81.9%	52.0%	1.58	Above Expected
SOUTHSIDE COMMUNITY HEALTH SERVICES	97	30.9%	36.2%	0.85	Expected
ST. CROIX REGIONAL MEDICAL CENTER	950	37.2%	46.4%	0.80	Below Expected
ST. LUKE'S CLINICS	1,713	1.8%	40.5%	0.04	Below Expected
ST. PAUL ALLERGY & ASTHMA CLINIC, P.A.	139	100.0%	48.6%	2.06	Above Expected
STELLIS HEALTH, PA	1,180	23.6%	49.5%	0.48	Below Expected
STEVENS COMMUNITY MEDICAL CENTER	145	6.2%	45.7%	0.14	Below Expected
SWIFT COUNTY BENSON HEALTH SERVICES	96	32.3%	43.8%	0.74	Below Expected
TRI-COUNTY HEALTH CARE	361	44.3%	41.8%	1.06	Expected
UNITED FAMILY MEDICINE	726	27.8%	40.2%	0.69	Below Expected
UNITED HOSPITAL DISTRICT CLINIC	226	5.3%	44.0%	0.12	Below Expected
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	456	9.4%	45.5%	0.21	Below Expected
UNIVERSITY OF MINNESOTA PHYSICIANS	644	28.0%	39.2%	0.71	Below Expected
VOYAGE HEALTHCARE	1,341	0.0%	49.3%	0.00	Below Expected
WAYZATA CHILDREN'S CLINIC	203	73.4%	51.9%	1.41	Above Expected
WELIA HEALTH	599	47.4%	43.3%	1.09	Above Expected
WEST SIDE COMMUNITY HEALTH SERVICES	563	1.6%	32.8%	0.05	Below Expected
WESTFIELDS HOSPITAL AND CLINIC	429	58.5%	49.9%	1.17	Above Expected
WILLIAMS INTEGRACARE CLINIC	138	41.3%	45.7%	0.90	Expected
WINONA HEALTH SERVICES	519	34.9%	45.4%	0.77	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. MN CM 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