

## OPTIMAL ASTHMA CONTROL - CHILDREN

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
<b>STATEWIDE AVERAGE</b>	<b>59,661</b>	<b>56.0%</b>			
ALL ABOUT CHILDREN PEDIATRICS - CHILDREN'S HEALTH NETWORK	71	80.3%	60.8%	1.32	Above Expected
ALLINA HEALTH	7,310	54.5%	57.6%	0.94	Below Expected
ALOMERE HEALTH	288	68.1%	57.2%	1.19	Above Expected
ALTRU HEALTH SYSTEM	1,166	3.3%	56.2%	0.06	Below Expected
AMERY HOSPITAL AND CLINIC	189	60.3%	55.4%	1.09	Expected
AVERA MEDICAL GROUP	715	0.7%	51.6%	0.01	Below Expected
CCM HEALTH	58	8.6%	57.5%	0.15	Below Expected
CEDAR RIVERSIDE PEOPLE'S CENTER	49	59.2%	33.8%	1.75	Above Expected
CENTRACARE HEALTH	2,050	59.3%	54.9%	1.08	Above Expected
CENTRAL PEDIATRICS	1,112	90.3%	58.5%	1.54	Above Expected
CHILD AND TEEN MEDICAL CENTER	175	88.0%	56.6%	1.56	Above Expected
CHILDREN'S MINNESOTA	2,611	83.6%	58.1%	1.44	Above Expected
CHILDREN'S RESPIRATORY & CRITICAL CARE SPECIALISTS	2,765	77.3%	57.9%	1.33	Above Expected
COMMUNITY MEMORIAL HOSPITAL	72	0.0%	55.5%	0.00	Below Expected
COMMUNITY UNIVERSITY HEALTH CARE CENTER	88	27.3%	40.4%	0.67	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	166	19.9%	54.7%	0.36	Below Expected
EAGAN VALLEY PEDIATRICS	121	38.0%	53.8%	0.71	Below Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	380	57.4%	55.4%	1.04	Expected
ESSENTIA HEALTH	3,254	51.3%	55.1%	0.93	Below Expected
FAIRVIEW HEALTH SERVICES	6,381	60.7%	56.0%	1.09	Above Expected
FAIRVIEW MESABA CLINICS	192	53.1%	51.2%	1.04	Expected
GLENCOE REGIONAL HEALTH SERVICES	184	17.4%	58.2%	0.30	Below Expected
GLENWOOD MEDICAL CENTER	78	9.0%	57.1%	0.16	Below Expected
GRAND ITASCA CLINIC	349	59.9%	53.1%	1.13	Above Expected
GROW PEDIATRICS	61	54.1%	54.2%	1.00	Expected
GUNDERSEN HEALTH SYSTEM	65	16.9%	56.1%	0.30	Below Expected
GUNDERSEN SAINT ELIZABETHS HOSPITAL AND CLINICS	33	0.0%	55.0%	0.00	Below Expected
HEALTHPARTNERS CLINICS	4,556	63.5%	55.8%	1.14	Above Expected
HENNEPIN HEALTHCARE	1,166	62.2%	48.5%	1.28	Above Expected
HUTCHINSON HEALTH	285	21.1%	58.0%	0.36	Below Expected
INDIAN HEALTH BOARD OF MINNEAPOLIS	62	17.7%	42.7%	0.42	Below Expected
KITSON HEALTHCARE CLINIC	36	33.3%	56.7%	0.59	Below Expected
LAKE REGION HEALTHCARE	161	48.5%	53.7%	0.90	Expected
LAKE VIEW CLINIC - TWO HARBORS	41	0.0%	50.0%	0.00	Below Expected

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LAKESIDE HEALTH SYSTEM	247	70.5%	53.0%	1.33	Above Expected
MADELIA COMMUNITY HOSPITAL & CLINIC	32	15.6%	56.0%	0.28	Below Expected
MANKATO CLINIC, LTD.	735	69.0%	56.1%	1.23	Above Expected
MAYO CLINIC	2,213	58.3%	58.4%	1.00	Expected
MAYO CLINIC HEALTH SYSTEM	2,248	46.7%	55.9%	0.84	Below Expected
MENDAKOTA PEDIATRICS LTD	76	31.6%	50.4%	0.63	Below Expected
MIDWEST EAR, NOSE & THROAT SPECIALISTS	104	44.2%	53.9%	0.82	Below Expected
MILLE LACS HEALTH SYSTEM	70	14.3%	52.4%	0.27	Below Expected
NATIVE AMERICAN COMMUNITY CLINIC	96	11.5%	37.3%	0.31	Below Expected
NEIGHBORHOOD HEALTHSOURCE	91	25.3%	45.2%	0.56	Below Expected
NORTH MEMORIAL	568	18.5%	54.9%	0.34	Below Expected
NORTHPOINT HEALTH & WELLNESS CENTER	214	40.2%	39.9%	1.01	Expected
NORTHWEST FAMILY PHYSICIANS	92	19.6%	49.7%	0.39	Below Expected
OLIVIA HOSPITAL & CLINIC	41	65.9%	55.9%	1.18	Expected
OLMSTED MEDICAL CENTER	693	50.8%	53.8%	0.94	Expected
ORTONVILLE AREA HEALTH SERVICES-NORTHSIDE MEDICAL CLINIC	40	30.0%	58.4%	0.51	Below Expected
PARK NICOLLET HEALTH SERVICES	5,235	69.2%	58.0%	1.19	Above Expected
PEDIATRIC & YOUNG ADULT MEDICINE	532	0.0%	48.0%	0.00	Below Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	480	65.4%	59.7%	1.10	Above Expected
PERHAM HEALTH	107	59.8%	56.1%	1.07	Expected
PRAIRIE RIDGE HOSPITAL & HEALTH SERVICES	47	0.0%	53.5%	0.00	Below Expected
RIDGEVIEW CLINICS	138	65.9%	51.4%	1.28	Above Expected
RIVERVIEW HEALTH	86	16.3%	54.2%	0.30	Below Expected
RIVERWOOD HEALTHCARE CENTER	96	42.7%	53.9%	0.79	Below Expected
SANFORD HEALTH	2,782	52.8%	56.3%	0.94	Below Expected
SARTELL PEDIATRICS - IHN	259	51.0%	56.1%	0.91	Expected
SAWTOOTH MOUNTAIN CLINIC	38	50.0%	55.2%	0.91	Expected
SCENIC RIVERS HEALTH SERVICES	73	38.4%	49.4%	0.78	Expected
SIBLEY MEDICAL CENTER DBA RIDGEVIEW SIBLEY MEDICAL CENTER	35	65.7%	57.3%	1.15	Expected
SOUTH LAKE PEDIATRICS	1,337	84.0%	60.9%	1.38	Above Expected
SOUTHSIDE COMMUNITY HEALTH SERVICES	65	41.5%	42.1%	0.99	Expected
ST. CROIX REGIONAL MEDICAL CENTER	387	26.6%	55.0%	0.48	Below Expected
ST. LUKE'S CLINICS	608	9.4%	47.2%	0.20	Below Expected
ST. PAUL ALLERGY & ASTHMA CLINIC, P.A.	64	100.0%	57.5%	1.74	Above Expected
STELLIS HEALTH, PA	467	30.2%	59.7%	0.51	Below Expected

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STEVENS COMMUNITY MEDICAL CENTER	64	12.5%	58.0%	0.22	Below Expected
SWIFT COUNTY BENSON HEALTH SERVICES	33	27.3%	50.8%	0.54	Below Expected
TRI-COUNTY HEALTH CARE	127	50.4%	52.1%	0.97	Expected
UNITED FAMILY MEDICINE	184	11.4%	47.1%	0.24	Below Expected
UNITED HOSPITAL DISTRICT CLINIC	80	7.5%	54.0%	0.14	Below Expected
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	252	21.4%	54.6%	0.39	Below Expected
UNIVERSITY OF MINNESOTA PHYSICIANS	107	20.6%	40.2%	0.51	Below Expected
VOYAGE HEALTHCARE	207	0.0%	57.7%	0.00	Below Expected
WAYZATA CHILDREN'S CLINIC	766	78.5%	60.5%	1.30	Above Expected
WELIA HEALTH	179	49.2%	54.1%	0.91	Expected
WEST SIDE COMMUNITY HEALTH SERVICES	323	6.8%	38.4%	0.18	Below Expected
WESTFIELDS HOSPITAL AND CLINIC	121	66.1%	60.4%	1.10	Expected
WINONA HEALTH SERVICES	260	47.3%	54.2%	0.87	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