

## ADOLESCENT DEPRESSION: REMISSION AT 12 MONTHS

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
<b>STATEWIDE AVERAGE</b>	<b>13,559</b>	<b>7.0%</b>			
ALLINA HEALTH	1,768	5.8%	7.1%	0.82	Expected
ALLUMA	78	11.5%	6.3%	1.84	Expected
ALOMERE HEALTH	76	13.2%	7.1%	1.87	Expected
ALTRU HEALTH SYSTEM	94	3.2%	6.8%	0.47	Expected
AMERY HOSPITAL AND CLINIC	40	2.5%	6.5%	0.38	Expected
ASSOCIATED CLINIC OF PSYCHOLOGY	126	6.4%	7.5%	0.84	Expected
CENTRACARE HEALTH	1,143	6.1%	7.3%	0.84	Expected
CENTRAL PEDIATRICS	228	10.1%	8.2%	1.22	Expected
CHILD AND TEEN MEDICAL CENTER	92	10.9%	7.8%	1.39	Expected
CHILDREN'S MINNESOTA	273	8.1%	7.8%	1.03	Expected
CUYUNA REGIONAL MEDICAL CENTER	51	7.8%	6.5%	1.21	Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	165	10.3%	6.8%	1.51	Above Expected
ESSENTIA HEALTH	468	11.3%	6.6%	1.71	Above Expected
FAIRVIEW HEALTH SERVICES	1,170	5.0%	7.1%	0.70	Below Expected
FAIRVIEW MESABA CLINICS	61	1.6%	6.1%	0.27	Expected
GLENCOE REGIONAL HEALTH SERVICES	32	9.4%	7.5%	1.26	Expected
GRAND ITASCA CLINIC	95	6.3%	6.1%	1.04	Expected
HEALTHPARTNERS CLINICS	720	9.3%	6.9%	1.36	Above Expected
HENNEPIN HEALTHCARE	90	2.2%	6.0%	0.37	Expected
LAKE REGION HEALTHCARE	74	12.2%	7.9%	1.54	Expected
LAKELAND MENTAL HEALTH CENTER	148	2.7%	6.8%	0.40	Below Expected
LAKELAND MENTAL HEALTH CENTER	49	0.0%	6.3%	0.00	Below Expected
MANKATO CLINIC, LTD.	233	11.2%	6.4%	1.75	Above Expected
MAYO CLINIC	940	10.1%	7.1%	1.43	Above Expected
MAYO CLINIC HEALTH SYSTEM	796	9.7%	6.7%	1.44	Above Expected
MINNESOTA MENTAL HEALTH CLINICS (EAGAN, APPLE VALLEY, EDINA, LAKEVILLE, MAPLEWOOD, MINNEAPOLIS, WOODBURY)	409	4.4%	7.2%	0.61	Below Expected
NORTH MEMORIAL	125	3.2%	6.7%	0.47	Expected
NORTHPOINT HEALTH & WELLNESS CENTER	76	4.0%	4.4%	0.89	Expected
OLMSTED MEDICAL CENTER	236	11.9%	6.9%	1.72	Above Expected
PARK NICOLLET HEALTH SERVICES	963	8.2%	7.4%	1.12	Expected
PEDIATRIC & YOUNG ADULT MEDICINE	119	8.4%	7.4%	1.14	Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	61	4.9%	7.6%	0.64	Expected
RIDGEVIEW CLINICS	49	4.1%	7.4%	0.55	Expected
SANFORD HEALTH	674	6.5%	6.8%	0.96	Expected

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SOUTH LAKE PEDIATRICS	148	5.4%	7.9%	0.69	Expected
SOUTHDALE PEDIATRIC ASSOCIATES, LTD	265	6.8%	8.0%	0.85	Expected
ST. CROIX REGIONAL MEDICAL CENTER	103	8.7%	6.6%	1.33	Expected
ST. LUKE'S CLINICS	100	6.0%	6.8%	0.89	Expected
STELLIS HEALTH, PA	142	2.8%	7.4%	0.38	Below Expected
THE EMILY PROGRAM	87	1.2%	6.8%	0.17	Below Expected
TRI-COUNTY HEALTH CARE	42	9.5%	6.4%	1.49	Expected
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	64	7.8%	6.2%	1.26	Expected
VOYAGE HEALTHCARE	45	2.2%	7.2%	0.31	Expected
WAYZATA CHILDREN'S CLINIC	103	3.9%	7.8%	0.50	Expected
WELIA HEALTH	49	0.0%	6.2%	0.00	Below Expected
WEST SIDE COMMUNITY HEALTH SERVICES	34	0.0%	5.6%	0.00	Expected
WESTERN MENTAL HEALTH CENTER, INC.	30	0.0%	8.1%	0.00	Below Expected
WOODLAND CENTERS	31	3.2%	6.7%	0.48	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