

## ADOLESCENT DEPRESSION: FOLLOW-UP PHQ-9/9M AT SIX 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>45.6%</b>			
ALLINA HEALTH	1,768	50.5%	46.6%	1.08	Above Expected
ALLUMA	78	62.8%	43.0%	1.46	Above Expected
ALOMERE HEALTH	76	59.2%	45.3%	1.31	Above Expected
ALTRU HEALTH SYSTEM	94	14.9%	44.5%	0.33	Below Expected
AMERY HOSPITAL AND CLINIC	40	65.0%	44.9%	1.45	Above Expected
ASSOCIATED CLINIC OF PSYCHOLOGY	126	47.6%	45.7%	1.04	Expected
CENTRACARE HEALTH	1,143	45.6%	44.1%	1.03	Expected
CENTRAL PEDIATRICS	228	45.2%	44.9%	1.01	Expected
CHILD AND TEEN MEDICAL CENTER	92	44.6%	44.7%	1.00	Expected
CHILDREN'S MINNESOTA	273	25.6%	47.3%	0.54	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	51	47.1%	44.3%	1.06	Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	165	55.2%	45.7%	1.21	Above Expected
ESSENTIA HEALTH	468	44.4%	44.4%	1.00	Expected
FAIRVIEW HEALTH SERVICES	1,170	44.5%	46.5%	0.96	Expected
FAIRVIEW MESABA CLINICS	61	42.6%	42.6%	1.00	Expected
GLENCOE REGIONAL HEALTH SERVICES	32	46.9%	46.0%	1.02	Expected
GRAND ITASCA CLINIC	95	26.3%	42.5%	0.62	Below Expected
HEALTHPARTNERS CLINICS	720	59.2%	46.1%	1.28	Above Expected
HENNEPIN HEALTHCARE	90	20.0%	41.6%	0.48	Below Expected
LAKE REGION HEALTHCARE	74	59.5%	43.9%	1.35	Above Expected
LAKELAND MENTAL HEALTH CENTER	148	39.2%	43.5%	0.90	Expected
LAKEWOOD HEALTH SYSTEM	49	20.4%	42.7%	0.48	Below Expected
MANKATO CLINIC, LTD.	233	68.2%	44.1%	1.55	Above Expected
MAYO CLINIC	940	46.6%	46.5%	1.00	Expected
MAYO CLINIC HEALTH SYSTEM	796	47.6%	44.9%	1.06	Above Expected
MINNESOTA MENTAL HEALTH CLINICS (EAGAN, APPLE VALLEY, EDINA, LAKEVILLE, MAPLEWOOD, MINNEAPOLIS, WOODBURY)	409	43.3%	46.8%	0.92	Expected
NORTH MEMORIAL	125	30.4%	45.6%	0.67	Below Expected
NORTHPOINT HEALTH & WELLNESS CENTER	76	26.3%	35.3%	0.74	Expected
OLMSTED MEDICAL CENTER	236	47.5%	43.9%	1.08	Expected
PARK NICOLLET HEALTH SERVICES	963	64.1%	47.2%	1.36	Above Expected
PEDIATRIC & YOUNG ADULT MEDICINE	119	37.0%	43.3%	0.85	Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	61	19.7%	45.9%	0.43	Below Expected
RIDGEVIEW CLINICS	49	20.4%	47.9%	0.43	Below Expected
SANFORD HEALTH	674	42.4%	45.3%	0.94	Expected
SOUTH LAKE PEDIATRICS	148	28.4%	48.4%	0.59	Below Expected
SOUTHDALE PEDIATRIC ASSOCIATES, LTD	265	35.5%	48.0%	0.74	Below Expected
ST. CROIX REGIONAL MEDICAL CENTER	103	48.5%	44.7%	1.09	Expected
ST. LUKE'S CLINICS	100	26.0%	43.9%	0.59	Below Expected
STELLIS HEALTH, PA	142	30.3%	47.1%	0.64	Below Expected
THE EMILY PROGRAM	87	25.3%	47.7%	0.53	Below Expected
TRI-COUNTY HEALTH CARE	42	61.9%	43.2%	1.43	Above Expected

## ADOLESCENT DEPRESSION: FOLLOW-UP PHQ-9/9M AT SIX 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>45.6%</b>			
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	64	31.3%	44.1%	0.71	Below Expected
VOYAGE HEALTHCARE	45	40.0%	46.0%	0.87	Expected
WAYZATA CHILDREN'S CLINIC	103	33.0%	48.3%	0.68	Below Expected
WELIA HEALTH	49	38.8%	43.5%	0.89	Expected
WEST SIDE COMMUNITY HEALTH SERVICES	34	23.5%	40.7%	0.58	Expected
WESTERN MENTAL HEALTH CENTER, INC.	30	50.0%	43.5%	1.15	Expected
WOODLAND CENTERS	31	64.5%	43.8%	1.47	Above 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