

ADOLESCENT DEPRESSION: FOLLOW-UP PHQ-9/9M AT 12 MONTHS

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
STATEWIDE AVERAGE	13,559	35.6%			
ALLINA HEALTH	1,768	37.4%	36.6%	1.02	Expected
ALLUMA	78	51.3%	33.4%	1.53	Above Expected
ALOMERE HEALTH	76	51.3%	35.5%	1.44	Above Expected
ALTRU HEALTH SYSTEM	94	7.5%	34.9%	0.21	Below Expected
AMERY HOSPITAL AND CLINIC	40	67.5%	35.0%	1.93	Above Expected
ASSOCIATED CLINIC OF PSYCHOLOGY	126	18.3%	35.8%	0.51	Below Expected
CENTRACARE HEALTH	1,143	28.1%	34.3%	0.82	Below Expected
CENTRAL PEDIATRICS	228	40.4%	34.9%	1.16	Expected
CHILD AND TEEN MEDICAL CENTER	92	46.7%	34.9%	1.34	Above Expected
CHILDREN'S MINNESOTA	273	24.9%	37.5%	0.66	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	51	21.6%	34.4%	0.63	Below Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	165	44.2%	35.5%	1.24	Above Expected
ESSENTIA HEALTH	468	44.7%	34.7%	1.29	Above Expected
FAIRVIEW HEALTH SERVICES	1,170	30.5%	36.3%	0.84	Below Expected
FAIRVIEW MESABA CLINICS	61	34.4%	32.8%	1.05	Expected
GLENCOE REGIONAL HEALTH SERVICES	32	34.4%	36.7%	0.94	Expected
GRAND ITASCA CLINIC	95	21.1%	32.8%	0.64	Below Expected
HEALTHPARTNERS CLINICS	720	45.4%	36.1%	1.26	Above Expected
HENNEPIN HEALTHCARE	90	17.8%	32.1%	0.55	Below Expected
LAKE REGION HEALTHCARE	74	50.0%	34.0%	1.47	Above Expected
LAKELAND MENTAL HEALTH CENTER	148	23.0%	33.9%	0.68	Below Expected
LAKEWOOD HEALTH SYSTEM	49	12.2%	33.3%	0.37	Below Expected
MANKATO CLINIC, LTD.	233	54.9%	34.3%	1.60	Above Expected
MAYO CLINIC	940	42.0%	36.4%	1.15	Above Expected
MAYO CLINIC HEALTH SYSTEM	796	42.1%	35.1%	1.20	Above Expected
MINNESOTA MENTAL HEALTH CLINICS (EAGAN, APPLE VALLEY, EDINA, LAKEVILLE, MAPLEWOOD, MINNEAPOLIS, WOODBURY)	409	29.3%	36.7%	0.80	Below Expected
NORTH MEMORIAL	125	18.4%	35.5%	0.52	Below Expected
NORTHPOINT HEALTH & WELLNESS CENTER	76	22.4%	26.7%	0.84	Expected
OLMSTED MEDICAL CENTER	236	36.9%	34.2%	1.08	Expected
PARK NICOLLET HEALTH SERVICES	963	51.4%	37.2%	1.38	Above Expected
PEDIATRIC & YOUNG ADULT MEDICINE	119	34.5%	33.4%	1.03	Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	61	18.0%	35.6%	0.51	Below Expected
RIDGEVIEW CLINICS	49	30.6%	37.5%	0.82	Expected
SANFORD HEALTH	674	33.7%	35.3%	0.95	Expected
SOUTH LAKE PEDIATRICS	148	18.9%	38.3%	0.49	Below Expected
SOUTHDALE PEDIATRIC ASSOCIATES, LTD	265	32.1%	37.9%	0.85	Below Expected
ST. CROIX REGIONAL MEDICAL CENTER	103	48.5%	34.7%	1.40	Above Expected
ST. LUKE'S CLINICS	100	20.0%	34.0%	0.59	Below Expected
STELLIS HEALTH, PA	142	21.1%	37.1%	0.57	Below Expected
THE EMILY PROGRAM	87	4.6%	37.0%	0.12	Below Expected
TRI-COUNTY HEALTH CARE	42	50.0%	33.8%	1.48	Above Expected

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STATEWIDE AVERAGE	13,559	35.6%			
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	64	26.6%	34.0%	0.78	Expected
VOYAGE HEALTHCARE	45	42.2%	35.9%	1.18	Expected
WAYZATA CHILDREN'S CLINIC	103	29.1%	38.1%	0.76	Expected
WELIA HEALTH	49	22.5%	33.7%	0.67	Expected
WEST SIDE COMMUNITY HEALTH SERVICES	34	20.6%	30.9%	0.67	Expected
WESTERN MENTAL HEALTH CENTER, INC.	30	20.0%	33.9%	0.59	Expected
WOODLAND CENTERS	31	45.2%	34.3%	1.32	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