

ADOLESCENT DEPRESSION: RESPONSE AT SIX MONTHS

2020 measurement year

Rating definitions provided on last page

GROUP NAME	PATIENTS	ACTUAL RATE	EXPECTED RATE	RATIO	RATING
STATEWIDE AVERAGE	13,559	16.5%			
ALLINA HEALTH	1,768	17.0%	17.0%	1.00	Expected
ALLUMA	78	24.4%	14.6%	1.67	Above Expected
ALOMERE HEALTH	76	30.3%	16.1%	1.88	Above Expected
ALTRU HEALTH SYSTEM	94	8.5%	15.3%	0.56	Expected
AMERY HOSPITAL AND CLINIC	40	17.5%	15.8%	1.10	Expected
ASSOCIATED CLINIC OF PSYCHOLOGY	126	11.1%	16.6%	0.67	Expected
CENTRACARE HEALTH	1,143	17.1%	15.8%	1.08	Expected
CENTRAL PEDIATRICS	228	19.7%	17.0%	1.16	Expected
CHILD AND TEEN MEDICAL CENTER	92	14.1%	16.3%	0.87	Expected
CHILDREN'S MINNESOTA	273	12.5%	17.3%	0.72	Below Expected
CUYUNA REGIONAL MEDICAL CENTER	51	27.5%	15.6%	1.76	Above Expected
ENTIRA FAMILY CLINICS (FORMERLY FAMILY HEALTH SERVICES MN)	165	26.7%	16.8%	1.58	Above Expected
ESSENTIA HEALTH	468	16.2%	15.4%	1.05	Expected
FAIRVIEW HEALTH SERVICES	1,170	15.4%	17.1%	0.90	Expected
FAIRVIEW MESABA CLINICS	61	14.8%	14.3%	1.03	Expected
GLENCOE REGIONAL HEALTH SERVICES	32	21.9%	16.1%	1.36	Expected
GRAND ITASCA CLINIC	95	8.4%	14.4%	0.58	Expected
HEALTHPARTNERS CLINICS	720	20.4%	16.8%	1.22	Above Expected
HENNEPIN HEALTHCARE	90	5.6%	13.9%	0.40	Below Expected
LAKE REGION HEALTHCARE	74	23.0%	16.2%	1.41	Expected
LAKELAND MENTAL HEALTH CENTER	148	12.8%	15.0%	0.86	Expected
LAKEWOOD HEALTH SYSTEM	49	6.1%	14.5%	0.42	Expected
MANKATO CLINIC, LTD.	233	24.5%	15.2%	1.61	Above Expected
MAYO CLINIC	940	21.3%	17.0%	1.26	Above Expected
MAYO CLINIC HEALTH SYSTEM	796	16.7%	15.7%	1.06	Expected
MINNESOTA MENTAL HEALTH CLINICS (EAGAN, APPLE VALLEY, EDINA, LAKEVILLE, MAPLEWOOD, MINNEAPOLIS, WOODBURY)	409	13.9%	17.5%	0.80	Expected
NORTH MEMORIAL	125	4.8%	16.8%	0.29	Below Expected
NORTHPOINT HEALTH & WELLNESS CENTER	76	7.9%	9.9%	0.80	Expected
OLMSTED MEDICAL CENTER	236	17.0%	15.4%	1.10	Expected
PARK NICOLLET HEALTH SERVICES	963	23.5%	17.5%	1.34	Above Expected
PEDIATRIC & YOUNG ADULT MEDICINE	119	10.1%	15.9%	0.63	Expected
PEDIATRIC SERVICES - CHILDREN'S PHYSICIAN NETWORK	61	4.9%	17.9%	0.28	Below Expected
RIDGEVIEW CLINICS	49	10.2%	18.3%	0.56	Expected
SANFORD HEALTH	674	14.1%	16.1%	0.88	Expected
SOUTH LAKE PEDIATRICS	148	9.5%	18.2%	0.52	Below Expected
SOUTHDALE PEDIATRIC ASSOCIATES, LTD	265	14.0%	18.0%	0.78	Expected
ST. CROIX REGIONAL MEDICAL CENTER	103	17.5%	15.8%	1.11	Expected
ST. LUKE'S CLINICS	100	7.0%	15.5%	0.45	Below Expected
STELLIS HEALTH, PA	142	7.8%	17.5%	0.44	Below Expected
THE EMILY PROGRAM	87	10.3%	18.3%	0.56	Expected
TRI-COUNTY HEALTH CARE	42	33.3%	14.5%	2.30	Above Expected

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STATEWIDE AVERAGE	13,559	16.5%			
UNITY FAMILY HEALTHCARE, FAMILY MEDICAL CENTER	64	7.8%	15.6%	0.50	Expected
VOYAGE HEALTHCARE	45	8.9%	16.7%	0.53	Expected
WAYZATA CHILDREN'S CLINIC	103	15.5%	18.3%	0.85	Expected
WELIA HEALTH	49	10.2%	14.8%	0.69	Expected
WEST SIDE COMMUNITY HEALTH SERVICES	34	5.9%	13.8%	0.43	Expected
WESTERN MENTAL HEALTH CENTER, INC.	30	16.7%	15.6%	1.07	Expected
WOODLAND CENTERS	31	22.6%	14.9%	1.51	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