



Minnesota Health Care Quality Report

Part 2: Clinical Quality Measures Reported by Payers

Part 3: Top Performing Medical Groups Across All Quality Measures

COMMUNITY WEBINAR

TUESDAY, JANUARY 23, 2024

Welcome!



Thanks for joining us today!



All webinar participants are in “listen-only” mode. To ask a question, please type your question into the “Q&A” box at the bottom of your screen at any time during the webinar.



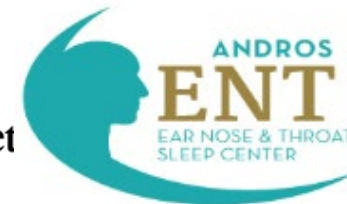
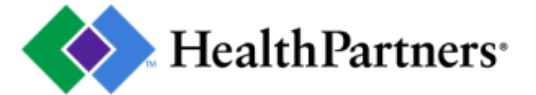
MNCM will send a link to the presentation slides and the recording to webinar attendees later this week.

MNCM Members, Thank you!

Health Plan Members



Medical Group Members



Premier ObGyn of Minnesota

MNCM Mission Supporter Program

Financial support is essential to sustain and grow our objective, unbiased work. Your support helps assure our independent work continues. It's an opportunity for your organization to demonstrate its support and commitment to improving health care quality, equity, and affordability while strengthening our work.

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www.mncm.org/mission-supporter-program

MNCM empowers health care decision makers with meaningful data to drive improvement.

What we do



Multi-stakeholder convening



Measure developer



Data collection, validation



Public transparency



Facilitated Data Sharing

How MNCCM data are used



Quality improvement



Benchmarking



Value-based payment



Reducing disparities



Research partnerships

Agenda



Part 2: Report Overview



Part 2: Key Findings

Care delivered in 2022



Part 3: Top Performers



Audience Q&A

Health Care Quality Report

Part 1

Measures reported by medical groups

- Colorectal Cancer Screening
- Optimal Asthma Control (Adults & Children)
- Optimal Diabetes Care
- Optimal Vascular Care
- Adolescent Mental Health and/or Depression Screening
- Depression Suite (Adults & Adolescents)
 - Follow-up PHQ-9/9M at 6/12 Months
 - Response at 6/12 Months
 - Remission at 6/12 Months

September 2023

Part 2

Measures reported by health plans

- Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis
- Breast Cancer Screening
- Cervical Cancer Screening
- Childhood Immunization Status (Combo 10)
- Chlamydia Screening in Women
- Controlling High Blood Pressure
- Eye Exam for Patients with Diabetes
- Follow-up for Children Prescribed ADHD Medication
- Immunization for Adolescents (Combo 2)
- Osteoporosis Management in Women with Fracture
- Spirometry Testing in the Assessment and Diagnosis of COPD

December 2023

Part 3

High Performers

Spotlight report that highlights the top performing medical groups across all quality measures

January 2024

Current Report



What's inside?

- Summary of performance rates by measure
- Achievable benchmark goals by measure
- Variation in performance rates across payers for each measure
- Trend in performance rates across multiple years for each measure
- Statewide results for each measure

Report can be found at mncm.org > Reports & Data > Community Reports

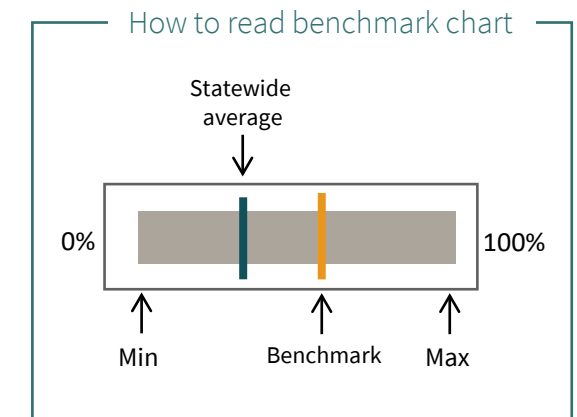
Benchmark Analysis

Preventive Health

QUALITY MEASURE	2022 Statewide Average	2022 Benchmark	Gap	Minimum	Maximum	Variation Min/Statewide Average/Benchmark/Max
Breast Cancer Screening	74.8%	84.2%	32,784	15.4%	91.5%	
Cervical Cancer Screening	68.8%	83.1%	50,364	43.9%	90.6%	
Childhood Immunization Status (Combo 10)	48.1%	62.7%	4,042	21.2%	75.1%	
Chlamydia Screening in Women	48.7%	59.3%	12,566	6.1%	90.5%	
Immunizations for Adolescents (Combo 2)	35.8%	50.5%	4,490	13.1%	76.0%	

Benchmark: 90th percentile of medical groups or 90th percentile of patients, whichever is lower. This method prevents the benchmark from being too heavily influenced by only a few medical groups or by medical groups with small numbers of patients.

Gap: The additional number of patients who would reach optimal status or goal if all medical groups' rates were at least at benchmark.



Benchmark Analysis

Gap Example

QUALITY MEASURE	2022 Statewide Average	2022 Benchmark	Gap
Breast Cancer Screening	74.8%	84.2%	32,784
Cervical Cancer Screening	68.8%	83.1%	50,364
Childhood Immunization Status (Combo 10)	48.1%	62.7%	4,042
Chlamydia Screening in Women	48.7%	59.3%	12,566
Immunizations for Adolescents (Combo 2)	35.8%	50.5%	4,490

Actual Rate
74.8%



Numerator



Denominator

Benchmark Rate
84.2%

+32,784



Numerator



Denominator

Rates Over Time

Preventive Health

Measure	Measurement Year					
	2017	2018	2019	2020^	2021	2022
Breast Cancer Screening	76.7%	76.5%	-	72.2% ▼	72.6% ▲	74.8% ▲
Cervical Cancer Screening	70.5% ▼	71.3%	-	64.4% ▼	70.2% ▲	68.8%
Childhood Immunization Status (Combo 10)	59.8% ▲	56.2% ▼	-	56.9%	53.0% ▼	48.1% ▼
Chlamydia Screening in Women	50.5% ▲	51.9% ▲	51.2% ▼	44.7% ▼	47.7% ▲	48.7% ▲
Immunizations for Adolescents (Combo 2)	26.4%	31.2% ▲	-	33.3%	36.4% ▲	35.8% ▼

▲ Significantly higher than previous year (based on 95% confidence interval)

▼ Significantly lower than previous year (based on 95% confidence interval)

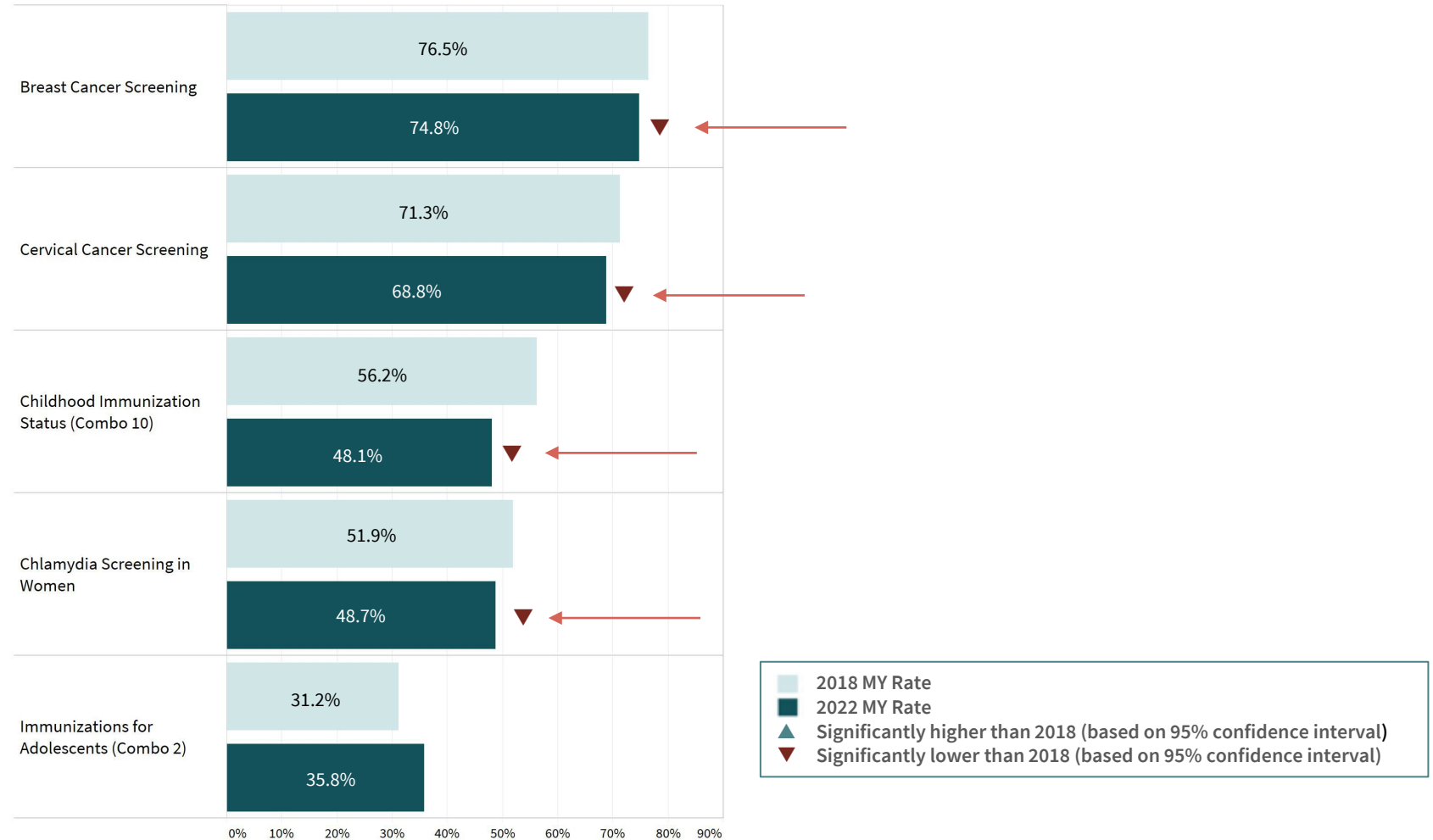
Due to the COVID-19 pandemic, we urge caution in using 2020 data for comparison to other years and to draw general conclusions about quality of care.

“-” data not available for this year and/or significant measure change.

NOTE: Due to COVID-19 related interruptions, statewide rates for 2019 were not available for any of the measures included in this report, except for Chlamydia Screening in Women.

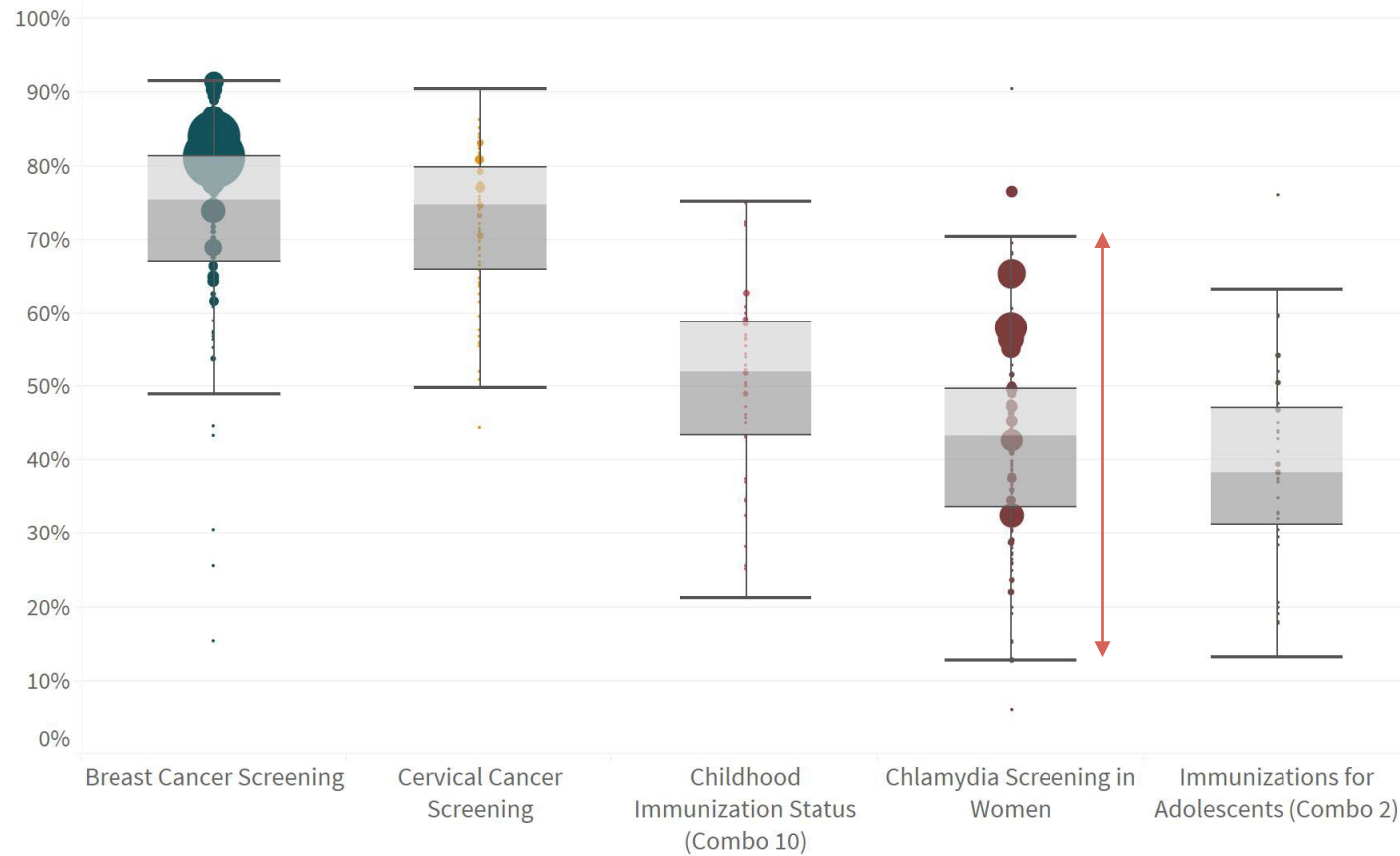
Comparison to Pre-Pandemic Rates

Preventive Health

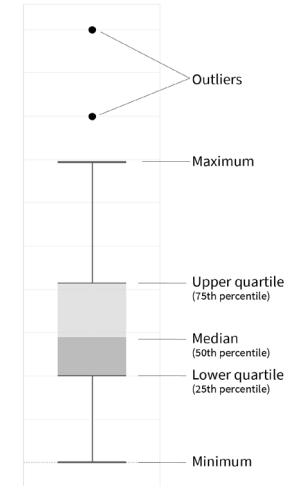


Rate Variation by Medical Group

Preventive Health



How to read a box plot



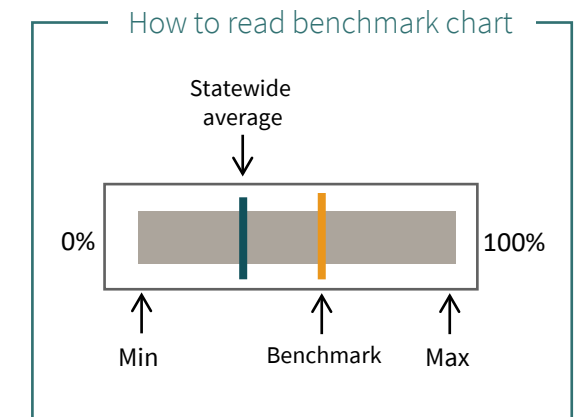
Benchmark Analysis

Acute & Chronic Conditions

QUALITY MEASURE	2022 Statewide Average	2022 Benchmark	Gap	Minimum	Maximum	Variation Min/Statewide Average/Benchmark/Max
Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis	66.8%	91.7%	5,788	0.0%	97.1%	
Controlling High Blood Pressure	71.0%	80.4%	21,761	9.7%	93.7%	
Diabetes Eye Exam	60.3%	66.1%	10,779	34.2%	94.0%	
Follow-up Care for Children Prescribed ADHD Medication	39.3%	45.2%	274	22.9%	69.4%	
Osteoporosis Management in Women who had a Fracture	28.3%	32.8%	111	16.1%	44.1%	
Use of Spirometry Testing in the Assessment and Diagnosis of COPD	28.2%	34.6%	498	12.4%	44.6%	

Benchmark: 90th percentile of medical groups or 90th percentile of patients, whichever is lower. This method prevents the benchmark from being too heavily influenced by only a few medical groups or by medical groups with small numbers of patients.

Gap: The additional number of patients who would reach optimal status or goal if all medical groups' rates were at least at benchmark.



Rates Over Time

Acute & Chronic Conditions

Measure	Measurement Year					
	2017	2018	2019	2020^	2021	2022
Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis	-	-	-	57.8%	59.3%	66.8% ▲
Controlling High Blood Pressure	-	-	-	62.3%	70.2% ▲	71.0%
Diabetes Eye Exam	65.6%	64.4%	-	56.4% ▼	59.7% ▲	60.3% ▲
Follow Up Care for Children Prescribed ADHD Medication	41.3%	39.5%	-	38.8%	38.8%	39.3%
Osteoporosis Management in Women Who Had a Fracture	-	31.5%	-	20.1% ▼	29.9% ▲	28.3%
Use of Spirometry Testing in the Assessment and Diagnosis of COPD	37.5%	37.6%	-	32.4% ▼	29.9% ▼	28.2% ▼

▲ Significantly higher than previous year (based on 95% confidence interval)

▼ Significantly lower than previous year (based on 95% confidence interval)

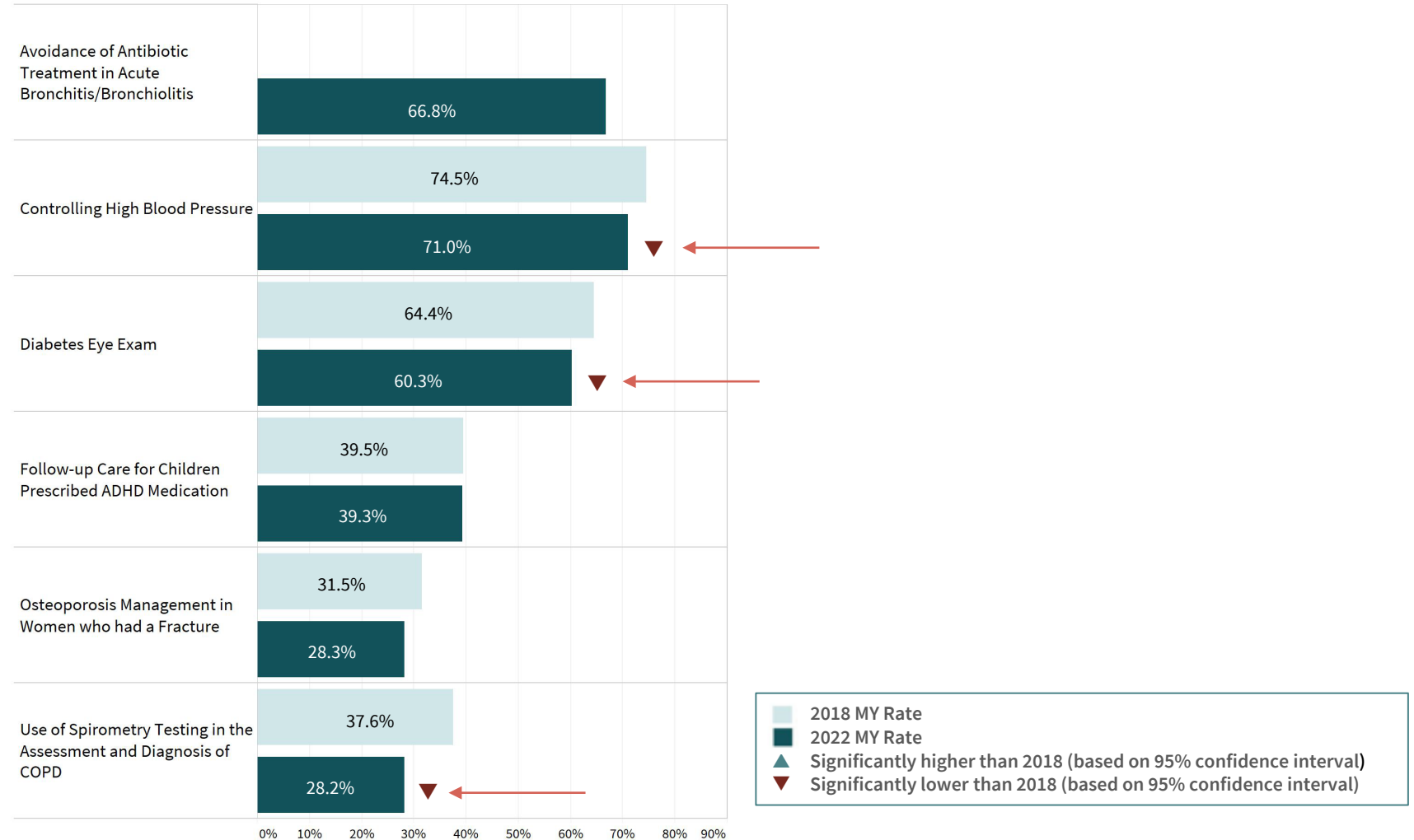
Due to the COVID-19 pandemic, we urge caution in using 2020 data for comparison to other years and to draw general conclusions about quality of care.

“-” data not available for this year and/or significant measure change.

NOTE: Due to COVID-19 related interruptions, statewide rates for 2019 were not available for any of the measures included in this report, except for Chlamydia Screening in Women.

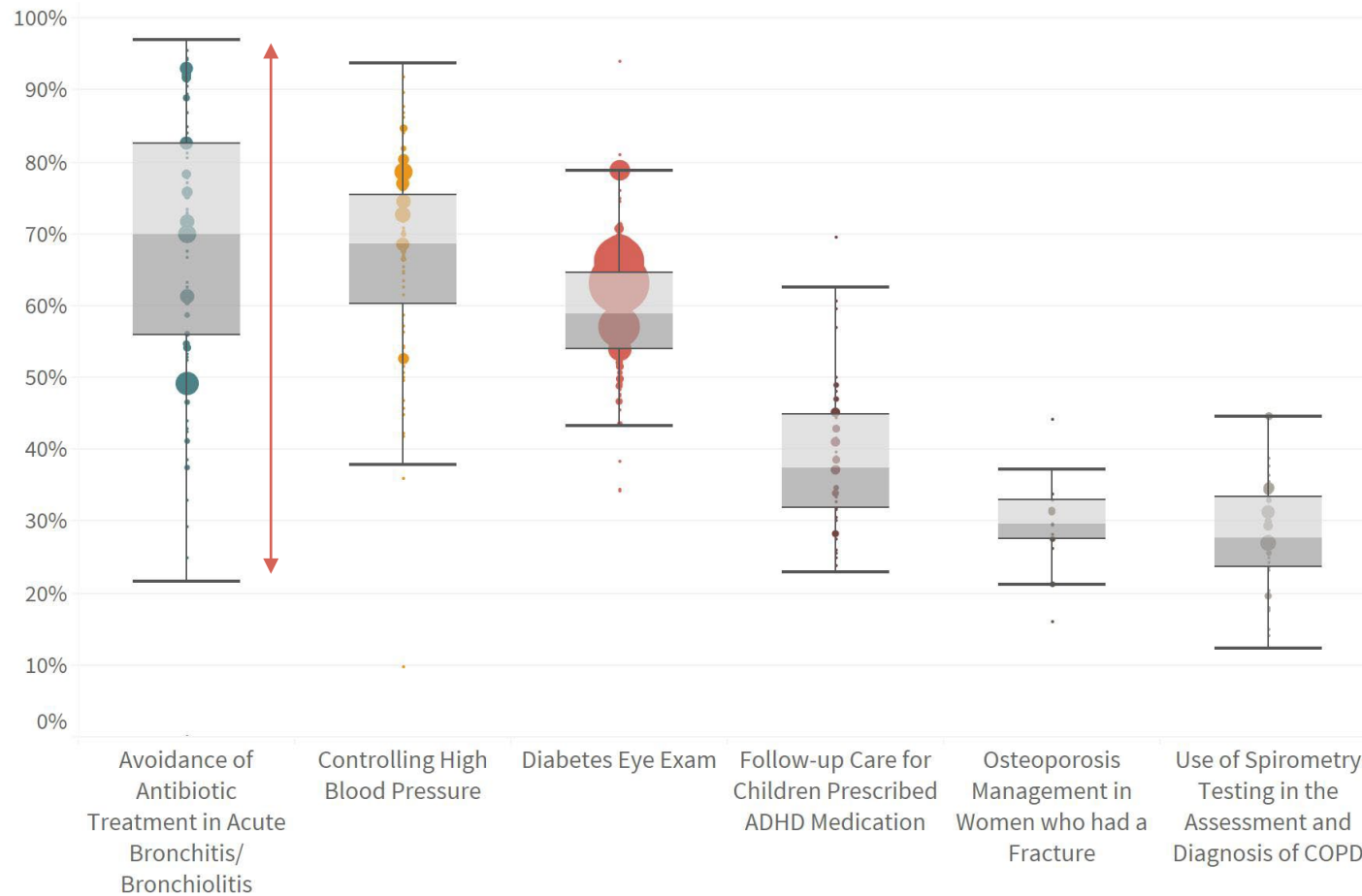
Comparison to Pre-Pandemic Rates

Acute & Chronic Conditions

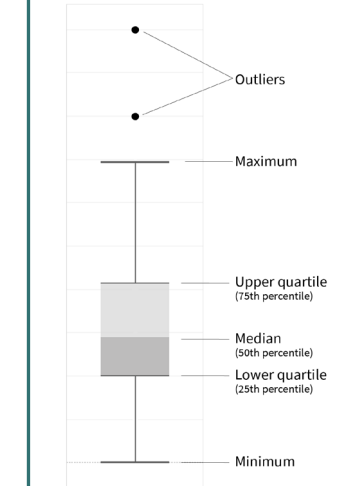


Rate Variation by Medical Group

Acute & Chronic Conditions



How to read a box plot



Key Findings

Comparison of 2022 rates to 2021 rates



Significant Increases

- Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis
(+7.5 percentage points)
- Breast Cancer Screening
(+2.2 percentage points)
- Chlamydia Screening in Women
(+.9 percentage points)
- Diabetes Eye Exam
(+.6 percentage points)

+1,975 more patients

+7,581 more patients



Significant Decreases

- Childhood Immunization Status (Combo 10)
(-4.9 percentage points)
- Immunizations for Adolescents (Combo 2)
(-.7 percentage points)
- Use of Spirometry Testing in Assessment and Diagnosis of COPD
(-1.7 percentage points)

-1,935 fewer patients

-201 fewer patients

Key Findings

Comparison of 2022 rates to 2018 rates (pre-pandemic)



Significantly Higher

- Immunizations for Adolescents (Combo 2)
(+4.6 percentage points)



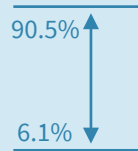
Significant Decreases

- Breast Cancer Screening
(-1.7 percentage points)
- Cervical Cancer Screening
(-2.5 percentage points)
- Childhood Immunization Status (Combo 10)
(-8.0 percentage points)
- Chlamydia Screening in Women
(-3.2 percentage points)
- Controlling High Blood Pressure
(-3.5 percentage points)
- Diabetes Eye Exam
(-4.2 percentage points)
- Use of Spirometry Testing in Assessment and Diagnosis of COPD
(-9.4 percentage points)

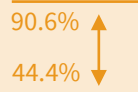
Key Findings

Variation in Performance Rates

Preventive Measures

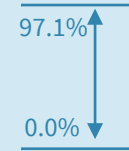


Largest variation:
Chlamydia Screening in Women

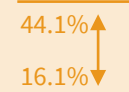


Smallest variation:
Cervical Cancer

Acute & Chronic Measures



Largest variation:
Avoidance of Antibiotic Treatment
in Acute Bronchitis/Bronchiolitis



Smallest variation:
Osteoporosis Management in
Women who had a Fracture

Top Performing Medical Groups Across Measures

QUALITY MEASURE			Central Pediatrics	Essentia Health	Health Partners Clinics	Mankato Clinic, Ltd.	Mayo Clinic	Park Nicollet Health Services	South Lake Pediatrics
REPORTED BY MEDICAL GROUPS DDS/P/PE	ADULTS	Colorectal Cancer Screening	-	●	○	●	○	●	-
		Optimal Asthma Control	●	●	●	●	○	●	●
		Optimal Diabetes Care	-	●	●	●	●	●	-
		Optimal Vascular Care	-	●	●	○	○	●	-
		Depression: Follow-up PHQ-9 at 12 Months	○	●	●	●	●	●	○
		Depression: Remission at 12 Months	○	●	●	○	●	●	○
	CHILDREN/ ADOLESCENTS	Adolescent Mental Health and/or Depression Screening	●	●	○	●	●	○	●
		Optimal Asthma Control	●	●	●	●	○	●	●
		Depression: Follow-up PHQ-9 at 12 Months	○	●	●	●	●	●	○
		Depression: Remission at 12 Months	○	●	○	○	●	●	○
REPORTED BY PAYERS HEDIS	PREVENTIVE HEALTH	Breast Cancer Screening	-	●	●	●	●	●	-
		Cervical Cancer Screening	<	○	●	○	○	○	<
		Childhood Immunization Status (Combo 10)	●	○	○	○	○	○	●
		Chlamydia Screening in Women	●	○	●	○	○	●	○
		Immunizations for Adolescents (Combo 2)	○	○	○	○	●	●	○
	ACUTE & CHRONIC CONDITIONS	Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis	●	○	●	●	●	●	●
		Controlling High Blood Pressure	<	○	○	○	●	○	<
		Diabetes Eye Exam	<	●	●	●	○	●	<
		Follow-up Care for Children Prescribed ADHD Medication	○	○	○	○	○	●	●
		Osteoporosis Management in Women who had a Fracture	-	○	○	<	●	○	-
		Use of Spirometry Testing in the Assessment and Diagnosis of COPD	-	○	●	○	●	●	-
		TOTAL MEASURES ABOVE STATEWIDE AVERAGE	6	12	13	10	12	16	6
		TOTAL ELIGIBLE MEASURES	12	21	21	20	21	21	12
		% OF MEASURES ABOVE STATEWIDE AVERAGE	50.0%	57.1%	61.9%	50.0%	57.1%	76.2%	50.0%

Included if eligible for at least 5 measures

- Above average
- Below average or average
- < Not reportable
(too few patients for measure)
- Not assigned to measure

Rates and ratings for all medical groups/clinics can be found here:
<https://mncm.org/appendix-tables/>

Total Cost of Care

For Medical Groups that were Top Performers on Quality

MEDICAL GROUP	TOTAL COST OF CARE POPULATION		
	Overall	Adults	Pediatric
Central Pediatrics	●	○	●
Essentia Health – Central Region	○	○	○
Essentia Health – East Region	○	○	○
Essentia Health – West	○	○	●
HealthPartners Clinics	●	●	○
Mankato Clinic, Ltd.	○	○	○
Mayo Clinic	○	○	○
Park Nicollet Health Services	●	●	○
South Lake Pediatrics	●	○	●

● Lower than Average Cost
○ Higher than Average or Average Cost

Cost information for all medical groups can be found here:

<https://mncm.org/appendix-tables/>

Audience Q & A



*Please type your questions into the “Q&A”
box at the bottom of your screen*

Coming Attractions

Disparities by Insurance Types Report

Report Release:
April 2024

Webinar:
May 2024

MNCM 2024 Annual Conference

Date:
9/25/2024

Location:
Minneapolis Marriott Northwest
Brooklyn Park, MN

[Conference 2024 - MN Community
Measurement \(mncm.org\)](https://mncm.org)

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