



## **MINNESOTA HEALTH CARE QUALITY REPORT**

Part 2: Clinical quality measures reported by health plans  
Part 3: Top performing medical groups across all measures

**Community Webinar**  
February 9, 2023



# 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.



During the discussion section, you may also use the "raise hand" function to ask a question.



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

# MNCM Members, Thank you!

## Health Plan Members



## Medical Group Members



# 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.

## Current Silver Level Supporters



[www.mncm.org/mission-supporter-program](http://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

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## How MNCM data are used



Quality  
improvement



Benchmarking



Value-based  
payment



Reducing  
disparities

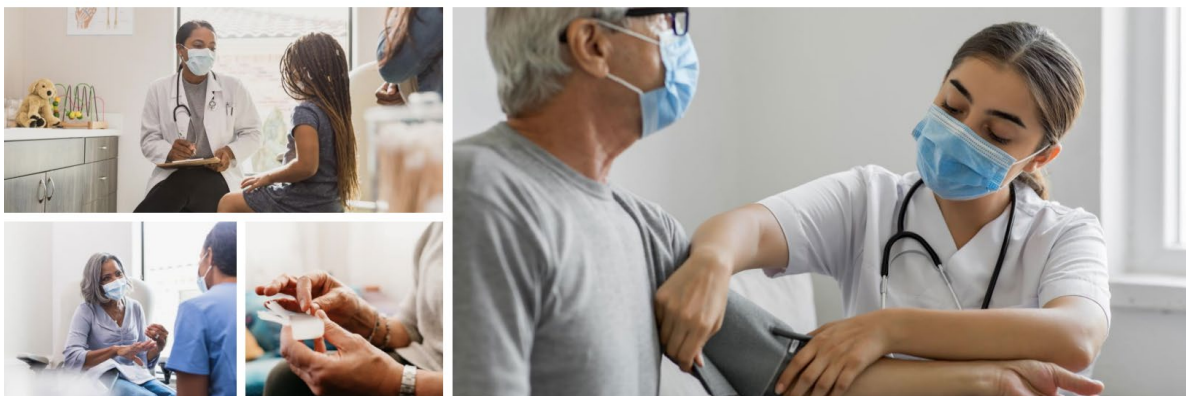


Research  
partnerships





# THE REPORT



Available on MNCM's website:  
<https://mncm.org/reports/#community-reports>

## MINNESOTA HEALTH CARE QUALITY REPORT

### PART 2: CLINICAL QUALITY MEASURES REPORTED BY PAYERS

Results for care delivered in 2021 | Report released January 2023

MN Community Measurement



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## INCLUDED IN PART 2 REPORT

- Summary of performance rates by measure
- **RETURNING!** Achievable benchmark goals by measure
- Trend in performance rates across multiple years for each measure
- Statewide results and changes for each measure
- Variation in performance rates across medical groups for each measure

## KEY FINDINGS



Most 2021 rates still significantly below 2018 (pre-pandemic) rates but rates for most measures remained stable or increased compared to 2020.



Largest increases in rates compared to 2020 occurred in Osteoporosis Management in Women Who Had a Fracture and Controlling High Blood Pressure.



Significant variation in performance among medical groups, particularly Chlamydia Screening in Women and Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis.








Childhood Immunization Status had significant decrease compared to 2020, possibly due to disruptions in 2020 and 2021.



# STATEWIDE PERFORMANCE & BENCHMARKS

## Preventive Health

QUALITY MEASURE	2021 Statewide Average	2021 Benchmark	Gap	Minimum	Maximum	Variation Min/Statewide Average/Benchmark/Max
Breast Cancer Screening	72.6%	83.3%	36,912	13.3%	90.2%	
Cervical Cancer Screening	70.2%	83.0%	866	37.6%	91.9%	
Childhood Immunization Status (Combo 10)	53.0%	69.7%	683	24.7%	83.5%	
Chlamydia Screening in Women	47.7%	60.0%	14,573	10.8%	85.2%	
Immunizations for Adolescents (Combo 2)	36.4%	56.4%	797	11.5%	75.5%	

**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

## Preventive Health

Measure	Measurement Year					
	2016	2017	2018	2019	2020^	2021
Breast Cancer Screening	76.6%	76.7%	76.5%	-	72.2% ▼	72.6% ▲
Cervical Cancer Screening	73.5% ▲	70.5% ▼	71.3%	-	64.4% ▼	70.2% ▲
Childhood Immunization Status (Combo 10)	53.8%	59.8% ▲	56.2% ▼	-	56.9%	53.0% ▼
Chlamydia Screening in Women	49.8% ▼	50.5% ▲	51.9% ▲	51.2% ▼	44.7% ▼	47.7% ▲
Immunizations for Adolescents (Combo 2)	-	26.4%	31.2% ▲	-	33.3%	36.4% ▲

▲ 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. In many respects, 2020 should be considered a new baseline from which recovery should be measured.

“-” 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 measure, except for Chlamydia Screening in Women.



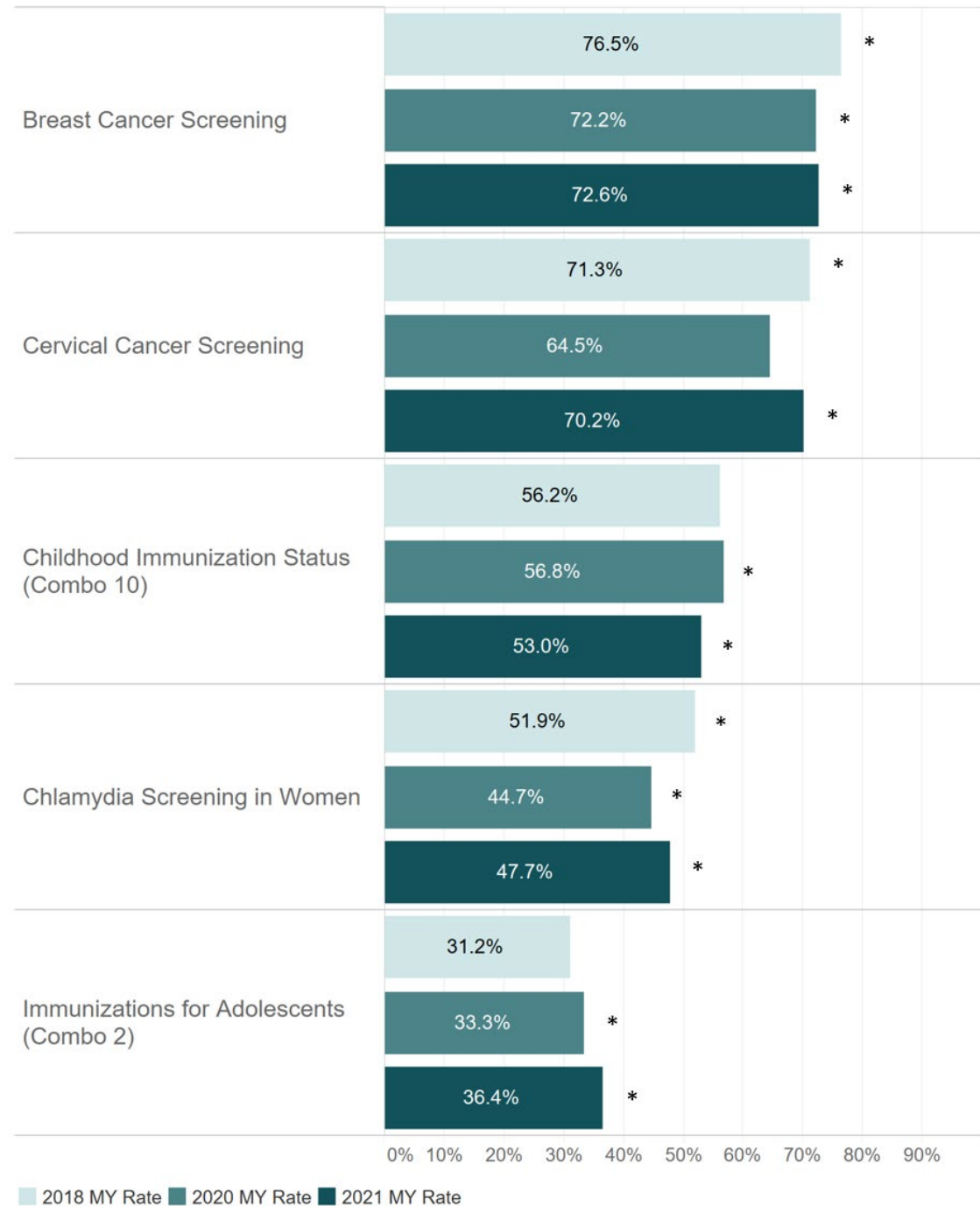
# RATE CHANGES

## Preventive Health

- Almost all measures have significantly increased since 2020
- Apart from the Immunizations for Adolescents (Combo 2) measure, the rates for all other measures in 2021 remained lower than the rates in 2018.

\* Significant change from previous year

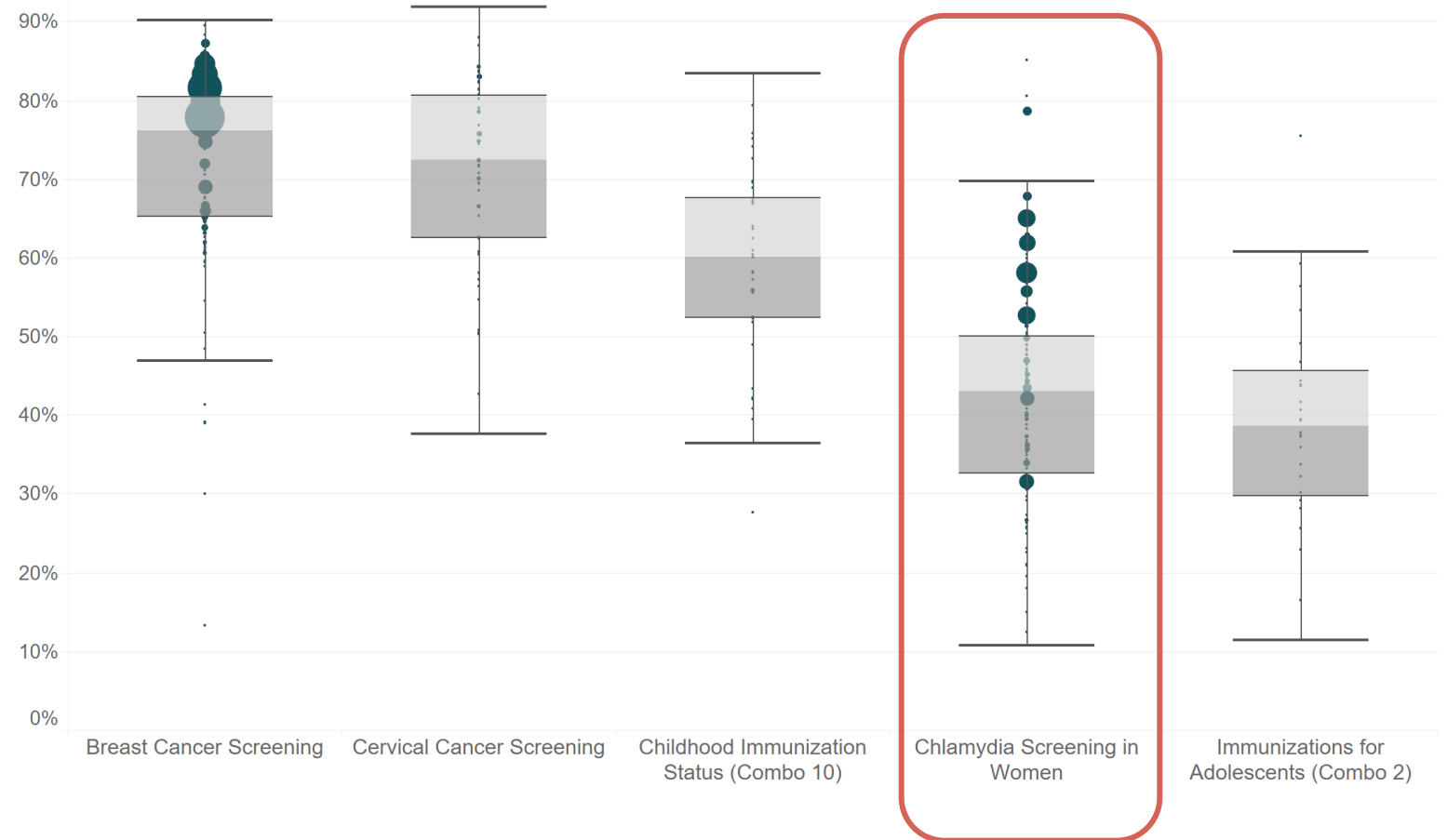
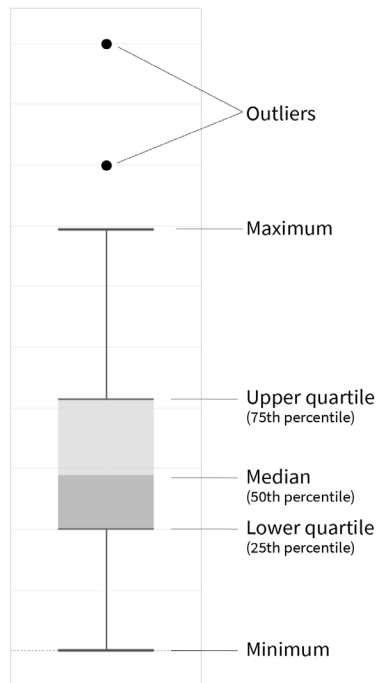
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# VARIATION BY MEDICAL GROUP

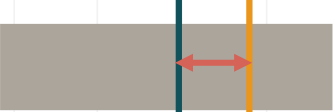





## Preventive Health

### How to read a boxplot



# STATEWIDE PERFORMANCE & BENCHMARKS

## Acute & Chronic Conditions

QUALITY MEASURE	2021 Statewide Average	2021 Benchmark	Gap	Minimum	Maximum	Variation Min/Statewide Average/Benchmark/Max
Avoidance of Antibiotic Treatment in Acute Bronchitis/Bronchiolitis	59.3%	75.9%	920	16.7%	95.7%	
Controlling High Blood Pressure	70.2%	79.3%	1,395	23.1%	87.7%	
Diabetes Eye Exam	59.7%	66.6%	12,231	25.8%	78.9%	
Follow-up Care for Children Prescribed ADHD Medication	38.8%	47.6%	437	24.6%	58.1%	
Osteoporosis Management in Women who had a Fracture	29.9%	37.3%	144	18.4%	45.5%	
Use of Spirometry Testing in the Assessment and Diagnosis of COPD	29.9%	35.2%	295	17.1%	47.0%	

**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.

# RATES OVER TIME

## Acute & Chronic Conditions

Measure	Measurement Year					
	2016	2017	2018	2019	2020^	2021
Avoidance of antibiotic treatment in acute bronchitis/bronchiolitis	-	-	-	-	57.8%	59.3%
Controlling High Blood Pressure	-	-	-	-	62.3%	70.2% ▲
Diabetes Eye Exam	-	65.6%	64.4%	-	56.4% ▼	59.7% ▲
Follow up care for children prescribed ADHD Medication	42.7%	41.3%	39.5%	-	38.8%	38.8%
Osteoporosis management in women who had a fracture	-	-	31.5%	-	20.1% ▼	29.9% ▲
Use of spirometry testing in the assessment and diagnosis of COPD	39.2%	37.5%	37.6%	-	32.4% ▼	29.9% ▼

▲ 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. In many respects, 2020 should be considered a new baseline from which recovery should be measured.

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NOTE: Due to COVID-19 related interruptions, statewide rates for 2019 were not available for any measure, except for Chlamydia Screening in Women.





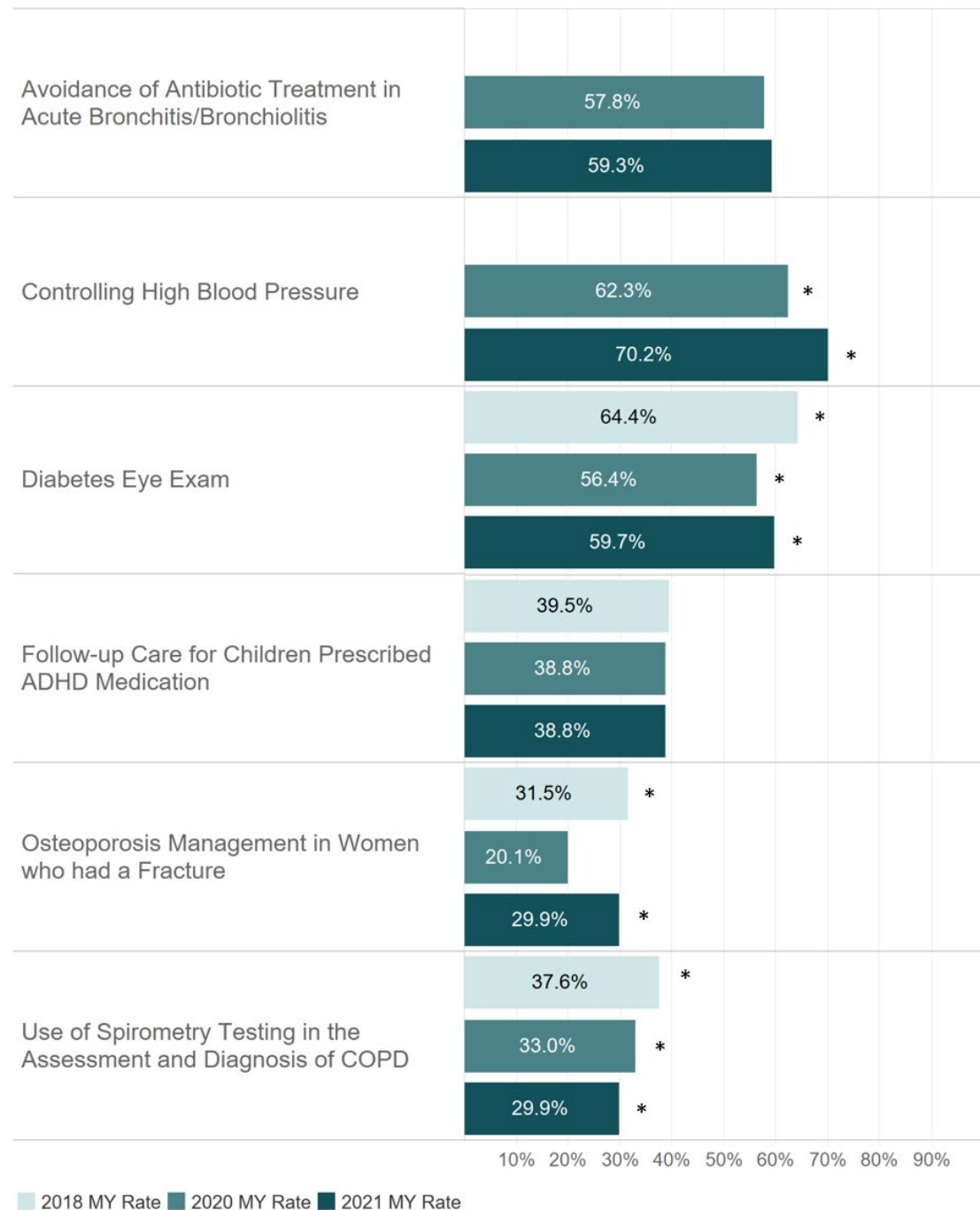
# RATE CHANGES

## Acute & Chronic Conditions

- Almost all measures have increased since 2020.
- The rates for all measures in 2021 remained lower than the rates in 2018 (when data available).

\* Significant change from previous year

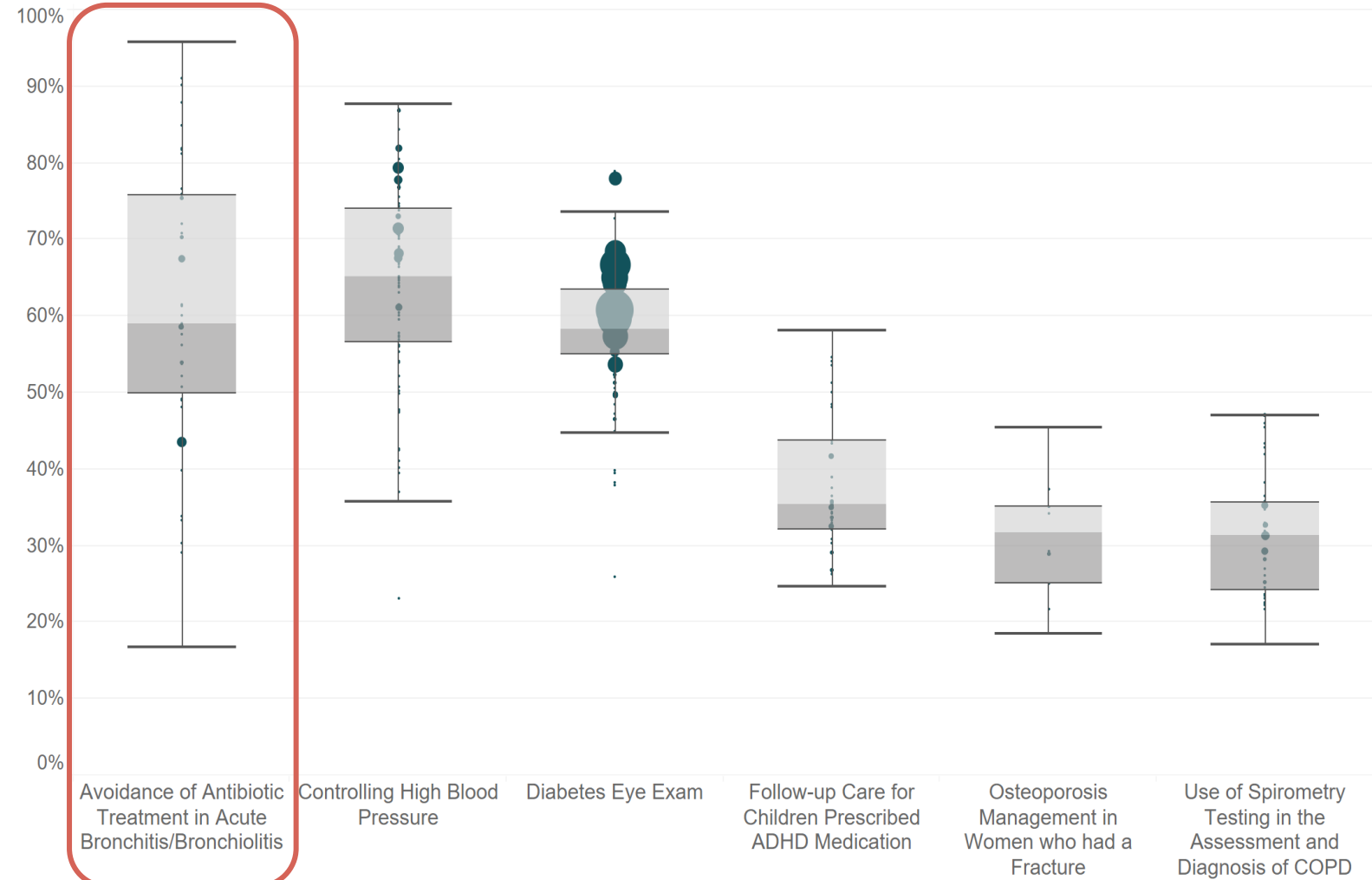
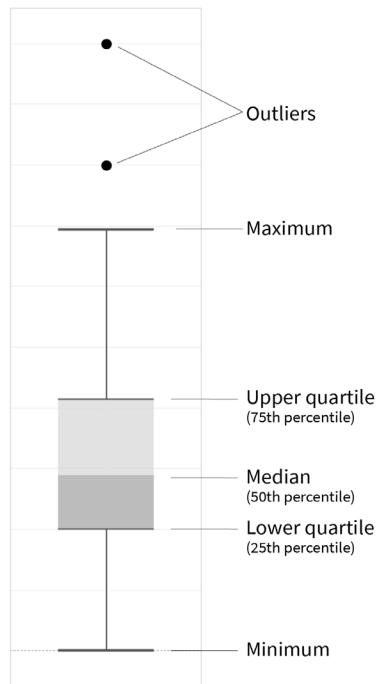
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# VARIATION BY MEDICAL GROUP

## Preventive Health

### How to read a boxplot



# TOP PERFORMERS

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

## NEW THIS YEAR

Reduced number of depression measures included to Follow-up and Remission at 12 months only for both populations

QUALITY MEASURE		CentraCare Health	Central Pediatrics	Child and Teen Medical Center	Entira Family Clinics	Essentia Health	Health Partners Clinics	Mankato Clinic, Ltd.	Park Nicollet Health Services	Pediatric & Young Adult Medicine
MEASURES REPORTED BY MEDICAL GROUPS DDS/PIPE	Adolescent Depression: Follow-up PHQ-9/9M at 12 Months	●	●	○	●	●	●	●	●	○
	Adolescent Depression: Remission at 12 Months	●	○	●	○	●	○	○	○	●
	Adolescent Mental Health and/or Depression Screening	●	●	●	○	●	○	●	○	●
	Adult Depression: Follow-up PHQ-9/9M at 12 Months	○	○	<	●	●	●	●	●	<
	Adult Depression: Remission at 12 Months	○	○	<	●	●	●	●	●	<
	Colorectal Cancer Screening	●	-	-	●	●	●	●	●	-
	Optimal Asthma Control - Adults	●	●	●	●	●	●	●	●	●
	Optimal Asthma Control - Children	○	●	●	●	●	●	○	●	●
	Optimal Diabetes Care	●	-	-	●	●	●	●	○	-
	Optimal Vascular Care	○	-	-	●	●	●	○	○	-
MEASURES REPORTED BY HEALTH PLANS HEDIS	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	○	<	<	●	●	○	●	○	<
	Diabetes Eye Exam	●	<	<	●	●	●	○	●	<
	Follow-up Care for Children Prescribed ADHD Medication	○	●	○	○	○	○	○	○	○
	Immunizations for Adolescents (Combo 2)	●	●	<	○	○	○	<	○	<
	Osteoporosis Management in Women Who Had a Fracture	○	<	<	<	○	○	<	○	<
	Use of Spirometry Testing in the Assessment and Diagnosis of COPD	○	<	<	○	○	○	○	●	<
TOTAL MEASURES ABOVE STATEWIDE AVERAGE		12	8	4	11	13	13	12	11	4
TOTAL ELIGIBLE MEASURES		21	11	8	20	21	21	19	21	7
% OF MEASURES ABOVE STATEWIDE AVERAGE		57%	73%	50%	55%	62%	62%	63%	52%	57%





## Questions

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



# Upcoming Events

**March 1** Webinar on the MNCM Cost & Utilization Report

**March 22** Webinar on Social Risk Factors Data Collection

**April 26** MNCM 2023 Annual Conference  
Crowne Plaza Minneapolis West | Plymouth, MN



# THANK YOU!



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



Please reach out to us at [support@mncm.org](mailto:support@mncm.org) with additional questions related to available data or how our data can support your work.



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