2022
ANNUAL REPORT

MDPCP
MARYLAND PRIMARY CARE PROGRAM

Maryland
DEPARTMENT OF HEALTH

MDPCP at a Glance

2022 MDPCP Participants

Medicare Attributed Beneficiares
365,211

Providers
2,150

Primary Care Practices
508

CTOs
24

Practices Partnered with a CTO

CTO-Like Group **7%**

No CTO **16%**

CTO **77%**
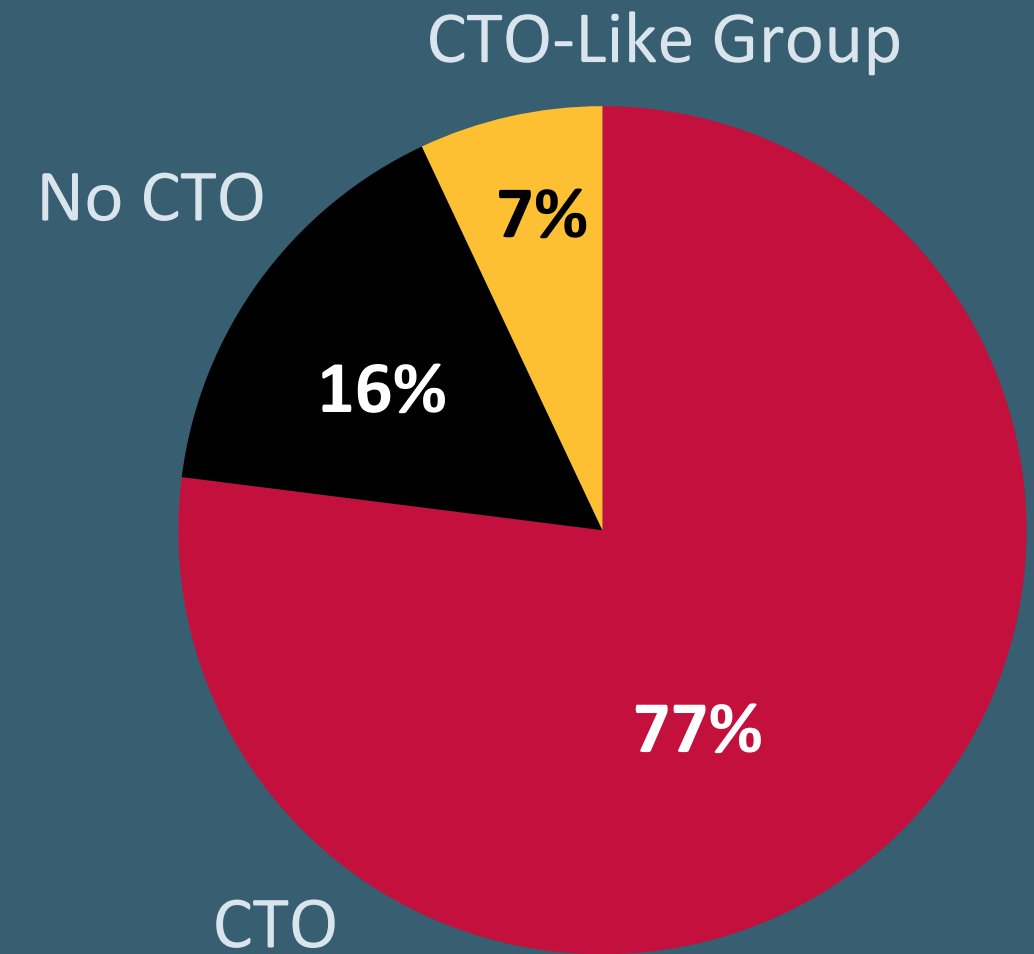
2022 Practices by Underserved Category

Rural Practices
173

MUA Practices
139

Primary Care HPSA
111

Mental Health HPSA
151

Practice Tracks

Track 1 **12%**

Track 2 **88%**

HPSA: Health Professional Shortage Area
MUA: Medically Underserved Area
CTO: Care Transformation Organization
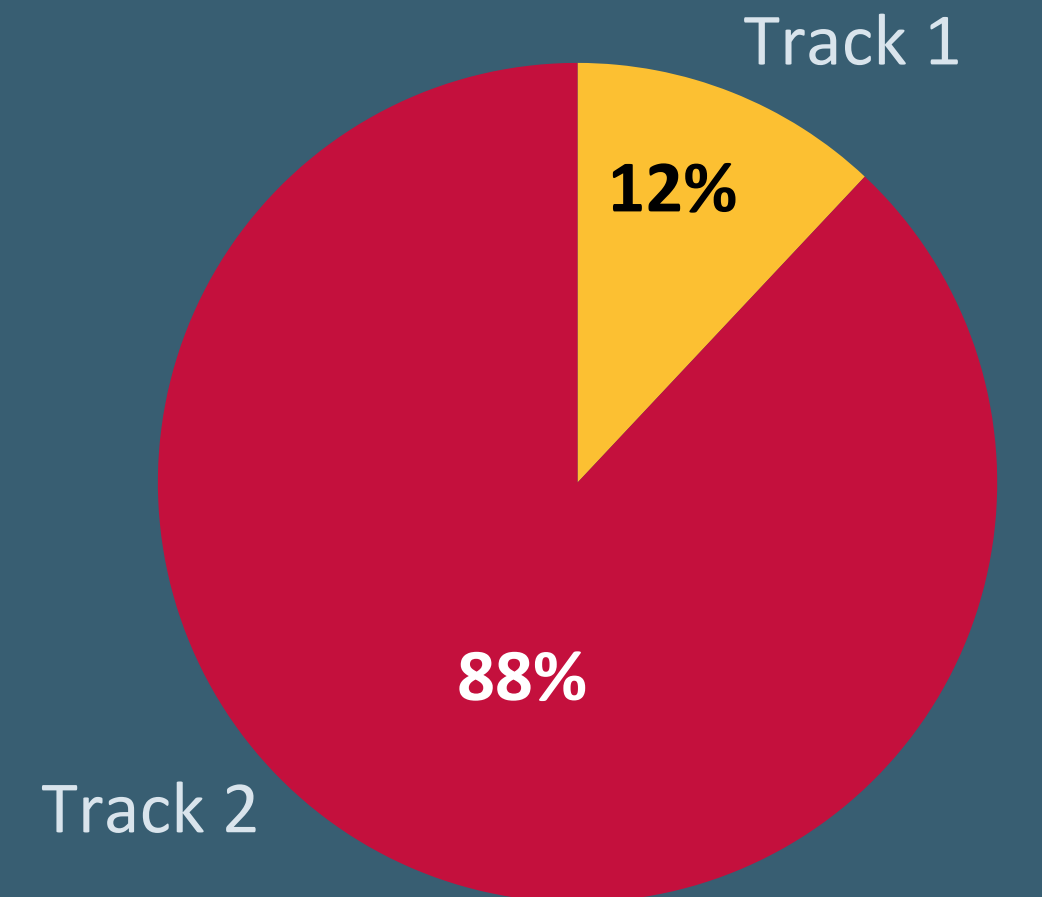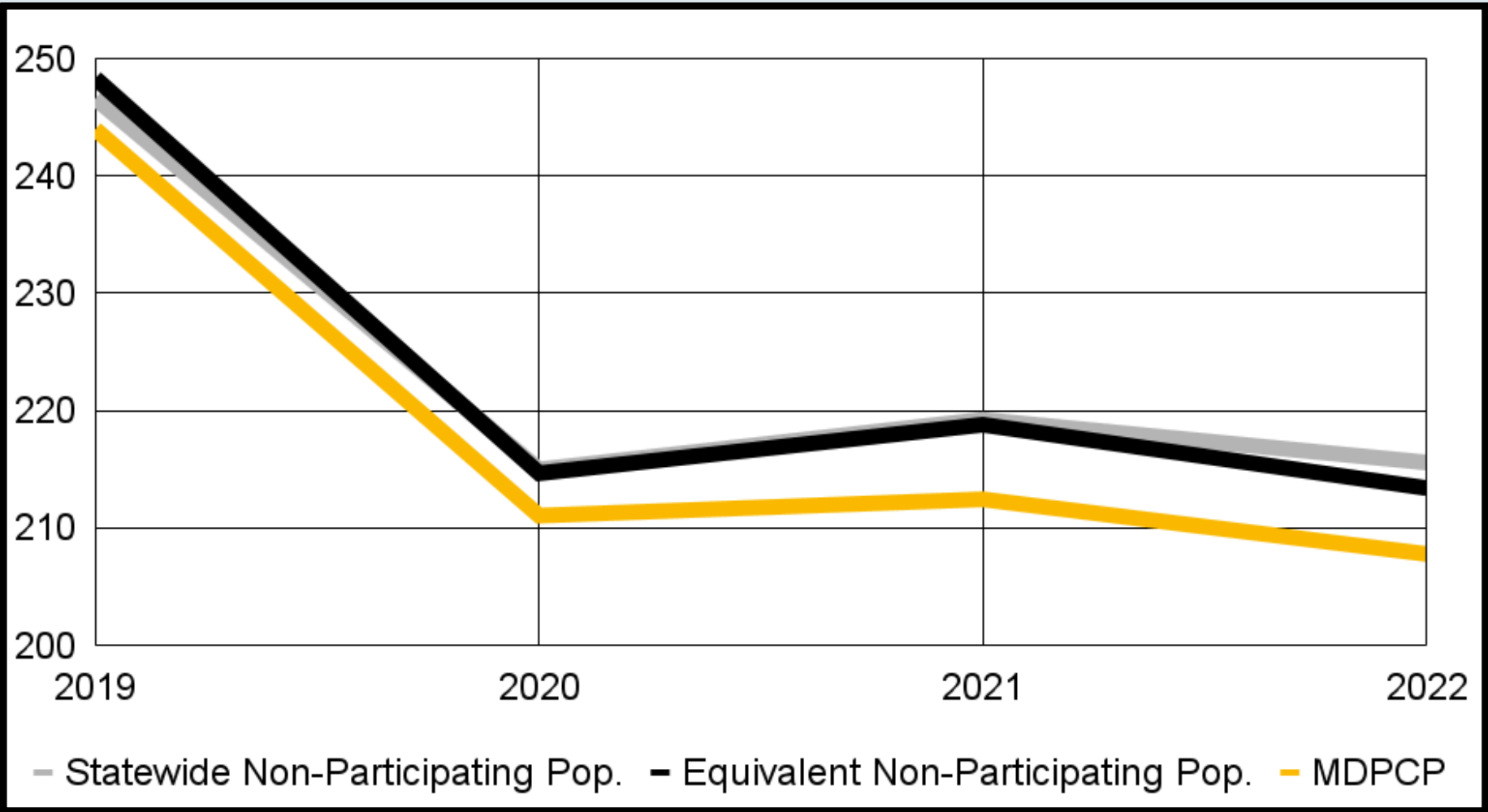
Map of Participating Practices
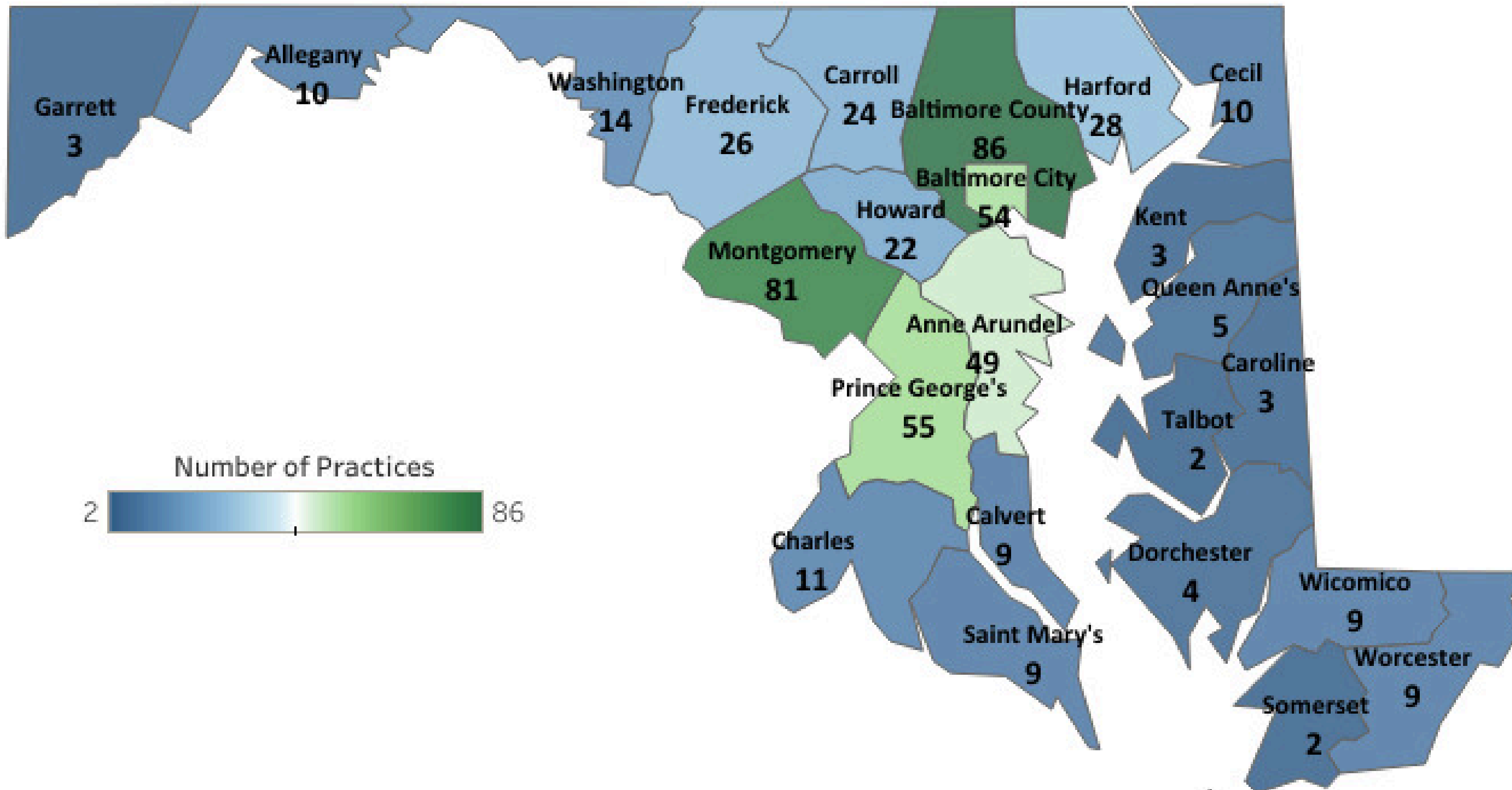
Program Performance

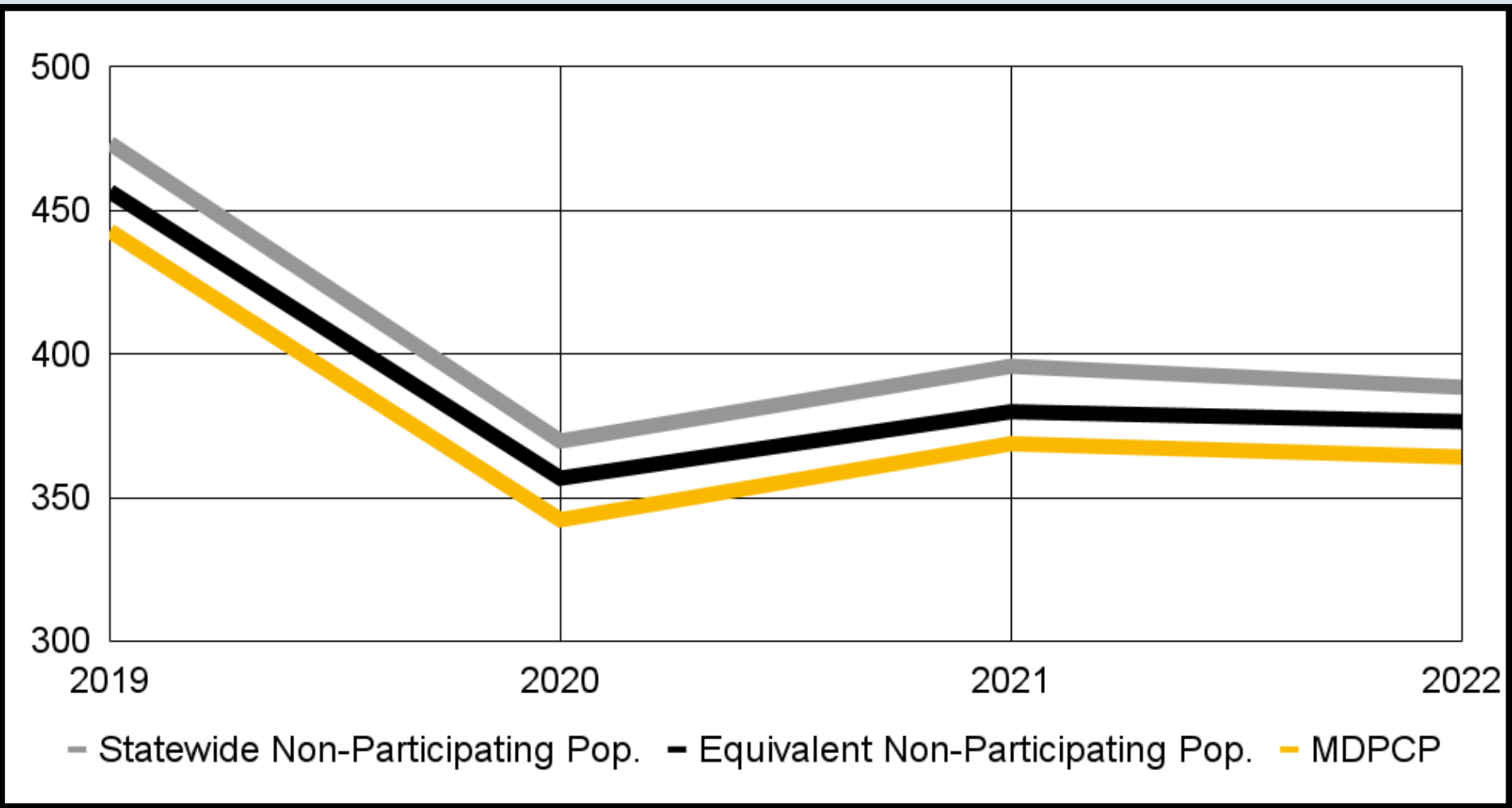# Utilization Trends

Inpatient Admissions (IP) per 1,000 Beneficiaries (HCC risk-adjusted)

IP visits per K decreased 2.2% from last year.

Emergency Department (ED) Visits per 1,000 Beneficiaries (HCC risk-adjusted)

ED visits per K decreased 1.25% from last year.

*Risk-adjustment is based on the average HCC score of attributed beneficiaries.

HCC: Hierarchical Condition Category

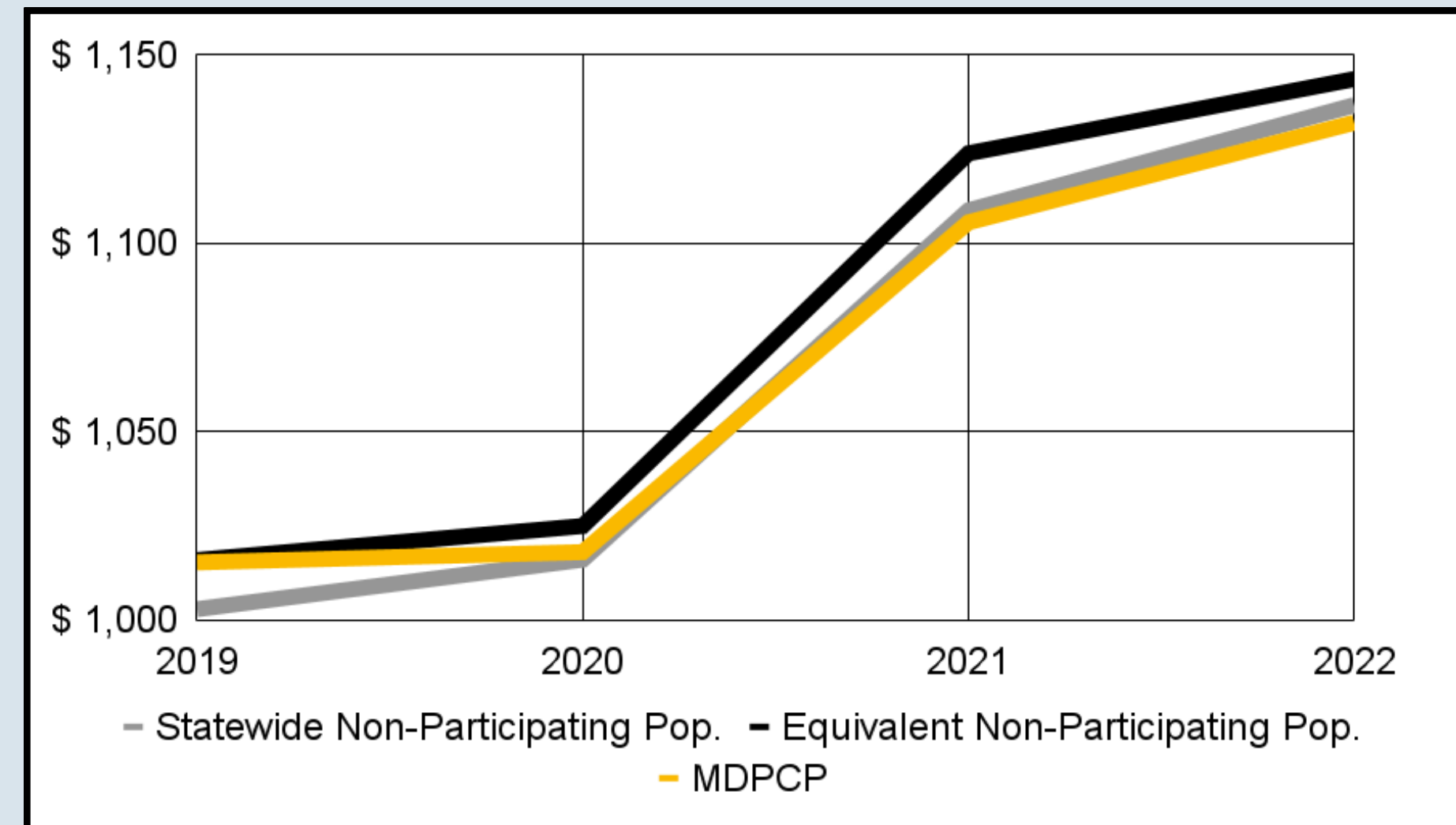# Utilization and Cost Trends

PQI-Like Events per 1,000 Beneficiaries (HCC risk-adjusted)

PQI-like events decreased 1.9% from last year.
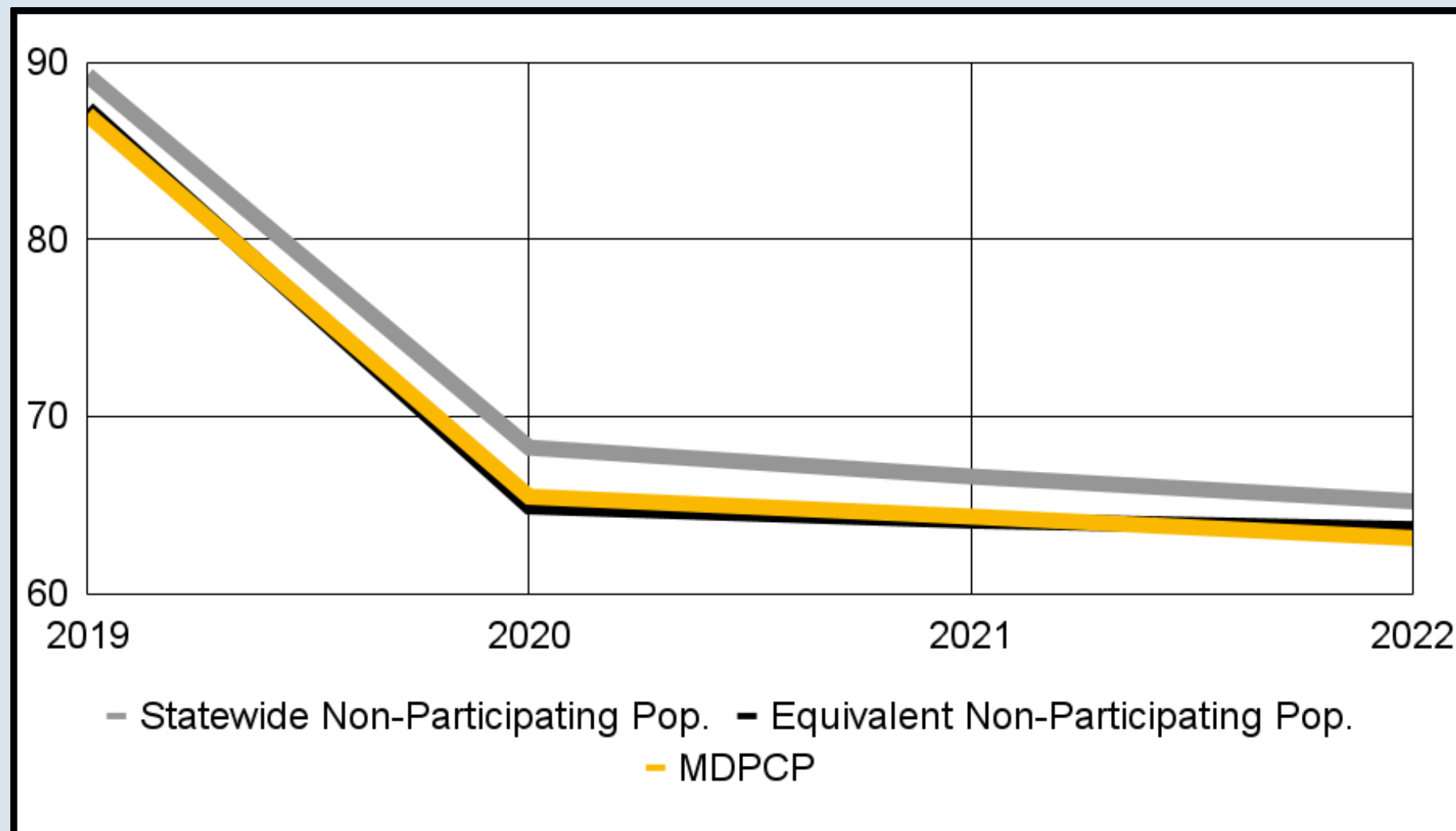
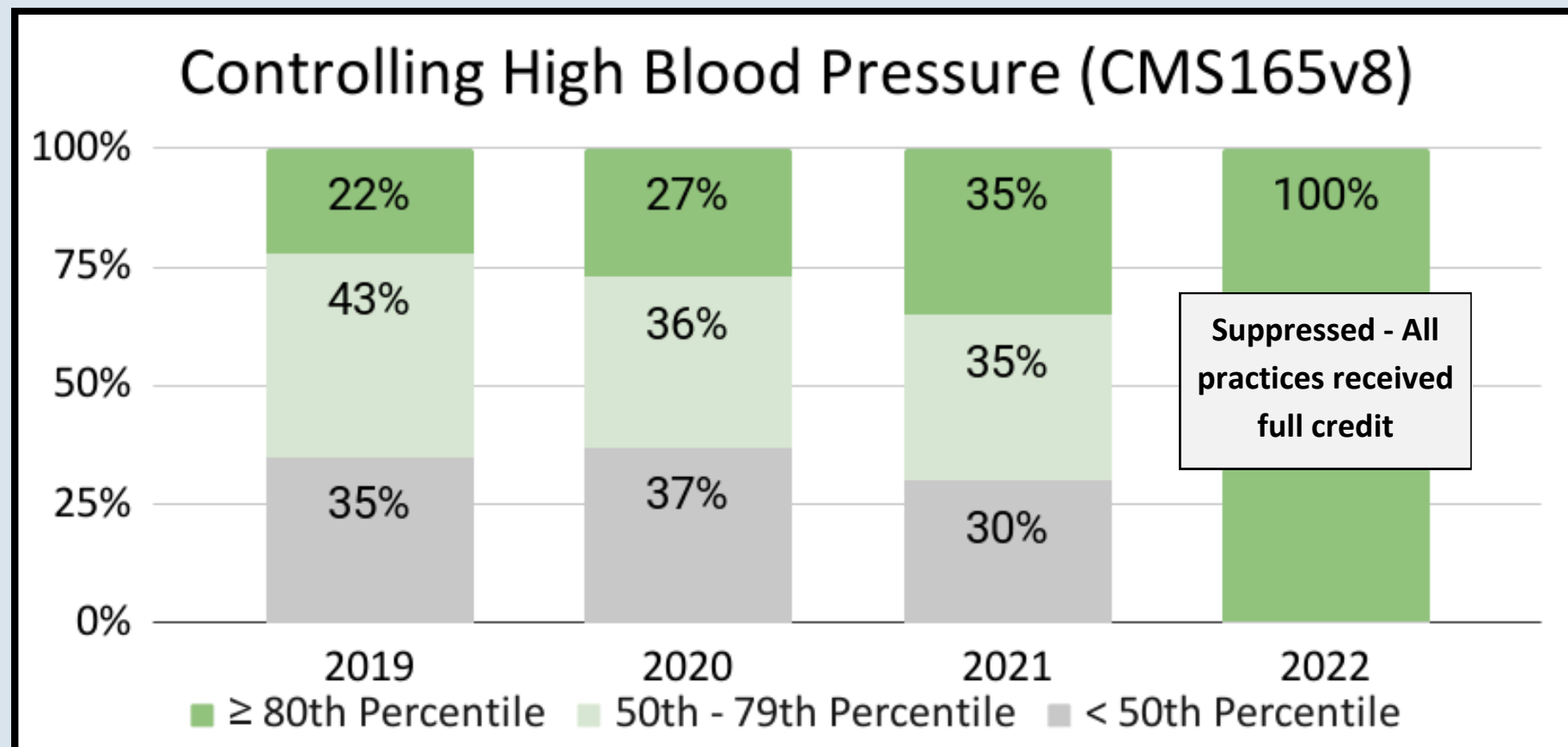## Per Beneficiary Per Month (PBPM) Payments (HCC risk- adjusted)

In 2022, average PMPM payments for MDPCP practices increased 2.39%.

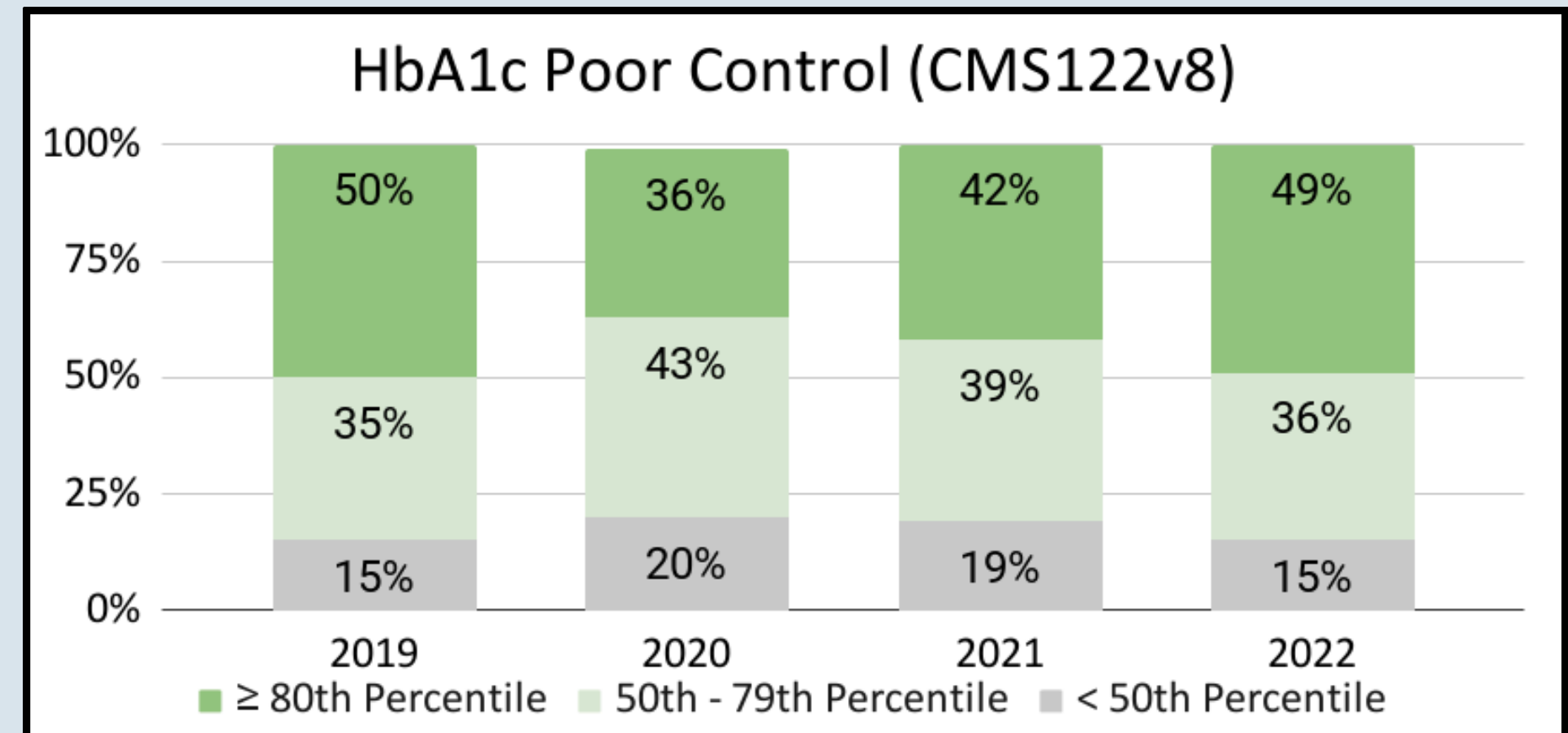***Risk-adjustment is based on the average HCC score of attributed beneficiaries.**

PQI: Prevention Quality Indicators

Performance Compared to Benchmarks: Clinical Quality

Controlling High Blood Pressure (CMS165v8)

Year	≥ 80th Percentile	50th - 79th Percentile	< 50th Percentile
2019	22%	43%	35%
2020	27%	36%	37%
2021	35%	35%	30%
2022	100%	Suppressed - All practices received full credit	

■ ≥ 80th Percentile   ■ 50th - 79th Percentile   ■ < 50th Percentile

MDPCP Practices' Performance Against the National Benchmark in Controlling High Blood Pressure (CMS165)

*Controlling High Blood Pressure (CMS165) was suppressed for PY2022. MDPCP Practices received full credit for this eCQM in 2022.

HbA1c Poor Control (CMS122v8)

Year	≥ 80th Percentile	50th - 79th Percentile	< 50th Percentile
2019	50%	35%	15%
2020	36%	43%	20%
2021	42%	39%	19%
2022	49%	36%	15%

■ ≥ 80th Percentile   ■ 50th - 79th Percentile   ■ < 50th Percentile

MDPCP Practices' Performance Against the National Benchmark in HbA1c Control (CMS122)

Performance Compared to Benchmarks: Clinical Quality

Screening for Depression and Follow-Up Plan

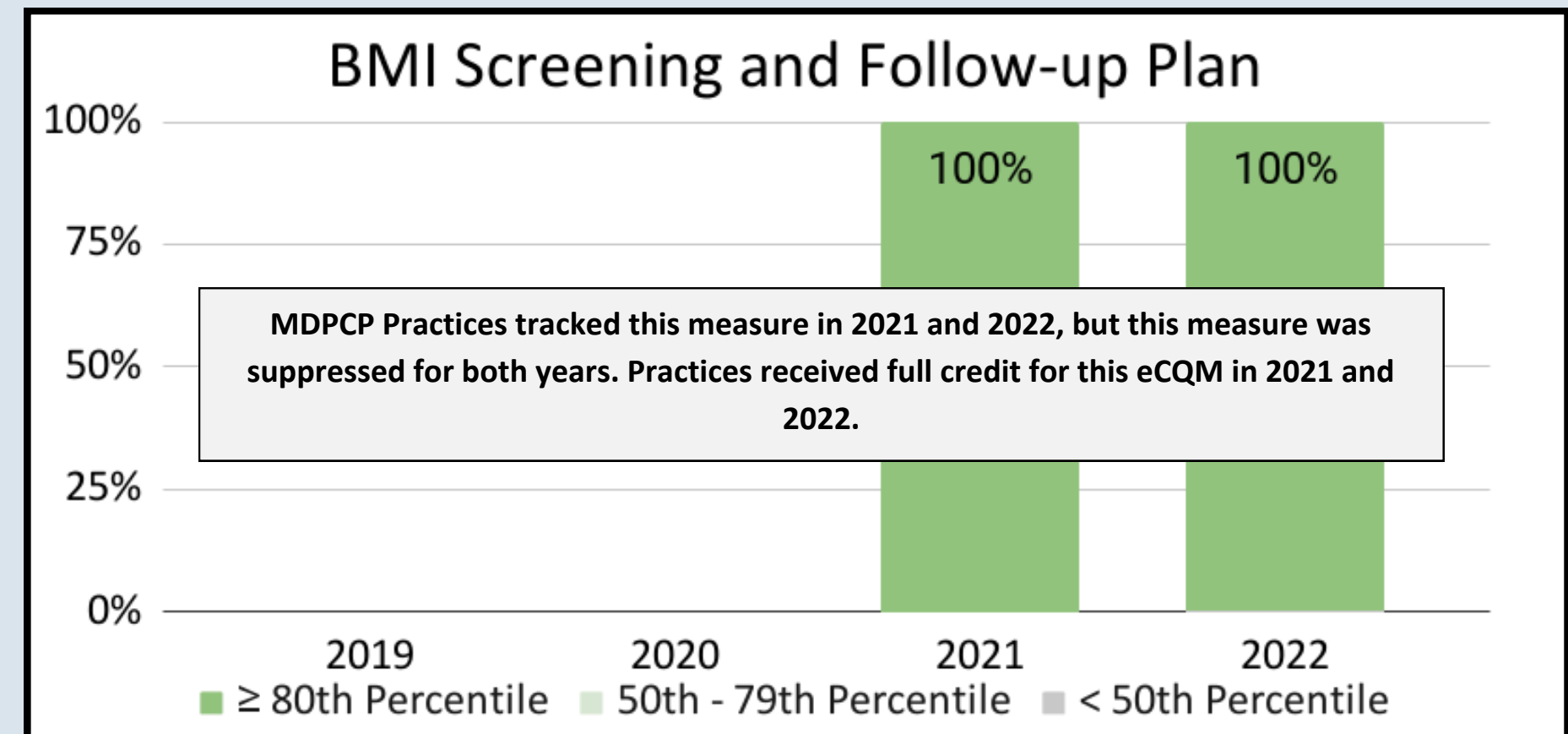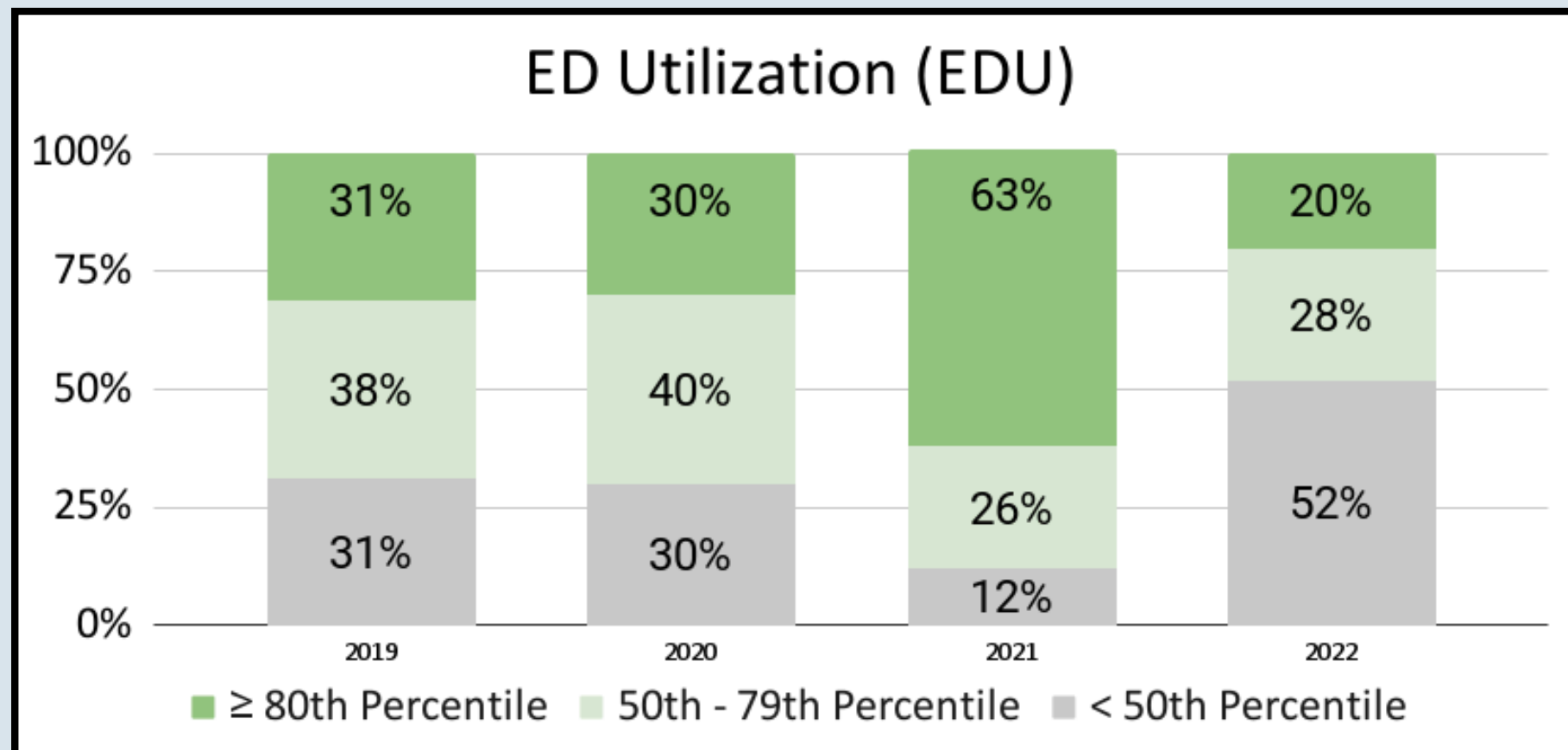- 2021: 44% (≥ 80th Percentile), 35% (50th - 79th Percentile), 21% (< 50th Percentile)
- 2022: 100%

Suppressed - All practices received full credit

Legend: ■ ≥ 80th Percentile ■ 50th - 79th Percentile ■ < 50th Percentile
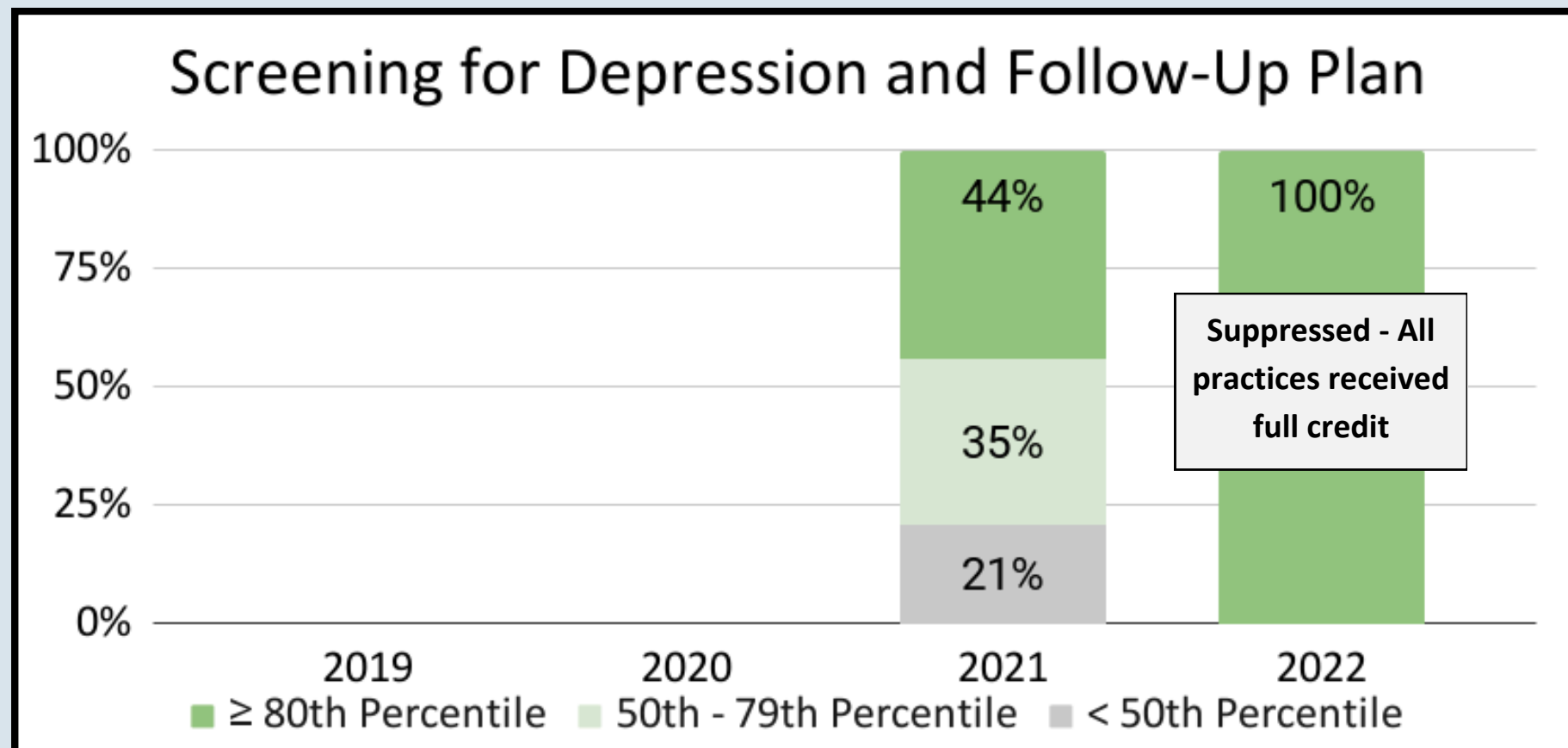
MDPCP Practices' Performance Against the National Benchmark, Screening for Depression and Follow-Up Plan (CMS2)

*Screening for Depression (CMS2) was suppressed for PY2022. MDPCP Practices received full credit for this eCQM in 2022.

BMI Screening and Follow-up Plan

- 2021: 100%
- 2022: 100%

MDPCP Practices tracked this measure in 2021 and 2022, but this measure was suppressed for both years. Practices received full credit for this eCQM in 2021 and 2022.

Legend: ■ ≥ 80th Percentile ■ 50th - 79th Percentile ■ < 50th Percentile

MDPCP Practices' Performance Against the National Benchmark, BMI Screening and Follow-up Plan (CMS69)

Performance Compared to Benchmarks: Utilization

ED Utilization (EDU)

	2019	2020	2021	2022
≥ 80th Percentile	31%	30%	63%	20%
50th - 79th Percentile	38%	40%	26%	28%
< 50th Percentile	31%	30%	12%	52%

MDPCP Practices' Performance Against the Maryland Benchmark, Emergency Department Utilization (EDU)

IP Utilization (AHU)

	2019	2020	2021	2022
≥ 80th Percentile	22%	25%	51%	19%
50th - 79th Percentile	35%	34%	34%	31%
< 50th Percentile	43%	41%	15%	51%
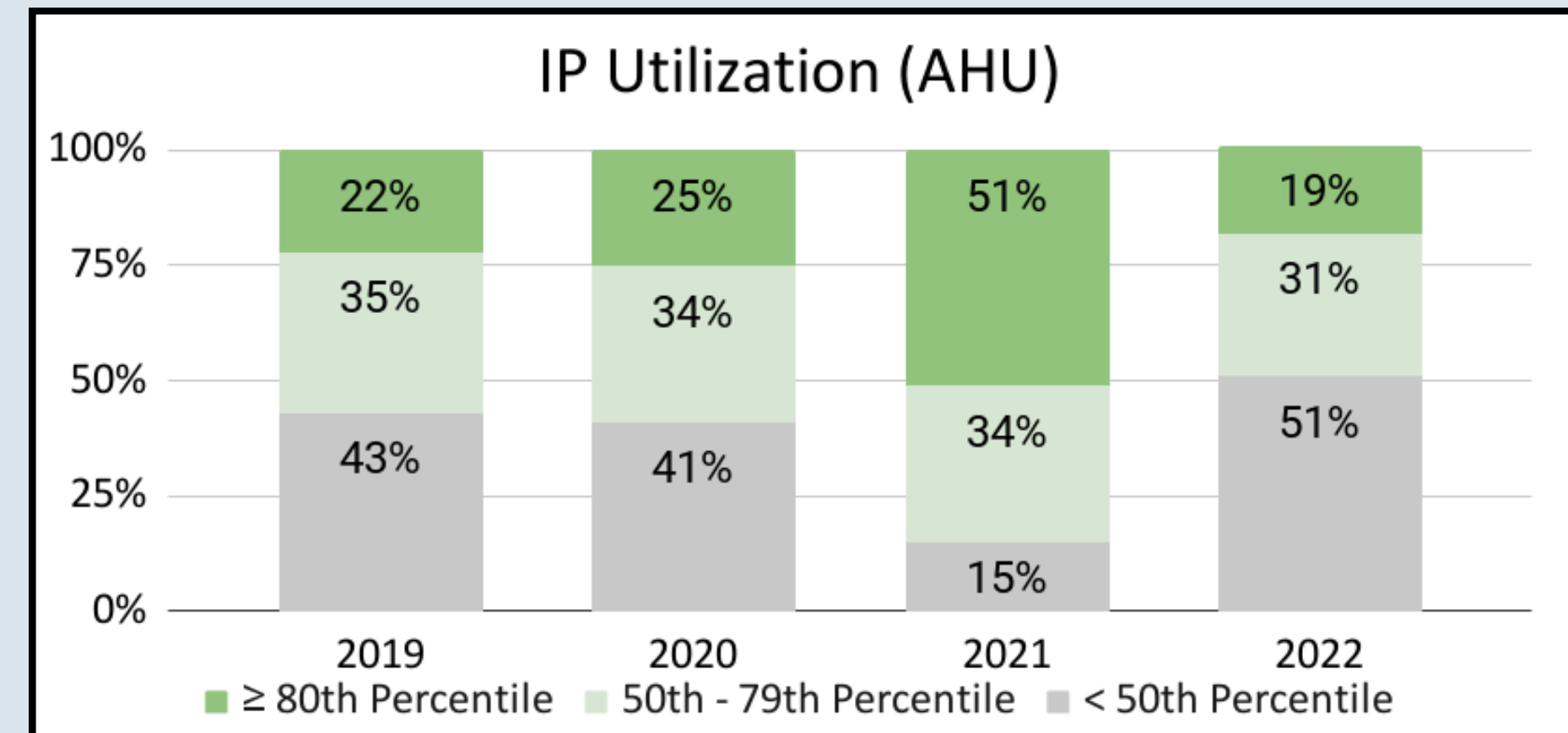
MDPCP Practices' Performance Against the Maryland Benchmark, Inpatient Utilization (AHU)

Measure Performance Impact on PBIP

Percentage of PBIP Earned

Year	Percentage
2019	68%
2020	42%
2021	62%
2022	38%
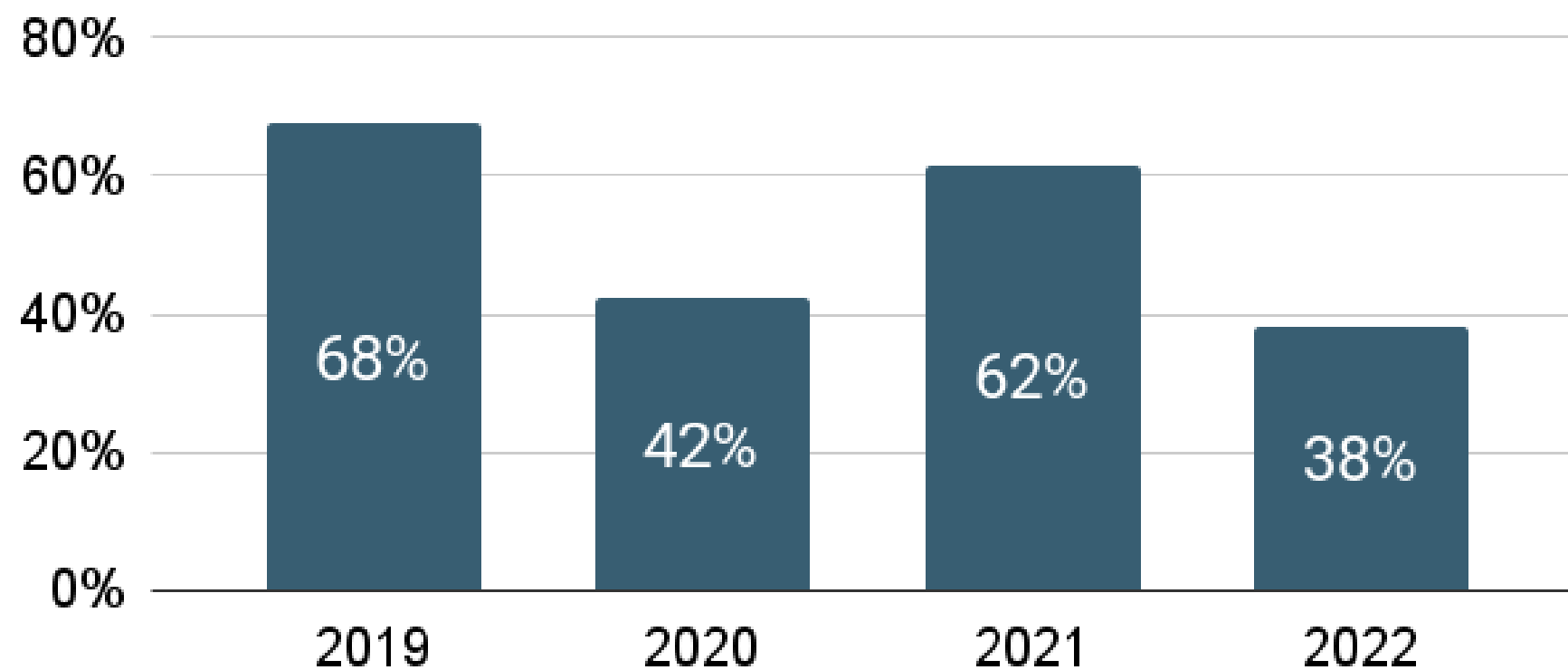
Percentage of Performance-Based Incentive Payment (PBIP) Earned by MDPCP Practices, 2019-2022

Percentage of PBIP Earned, 2022

Group	Percentage
Practices w/o CTO	37%
Practices w/ CTO	39%
Track 2	40%
Track 1	15%
Practices	38%
CTOs	39%
Total	38%
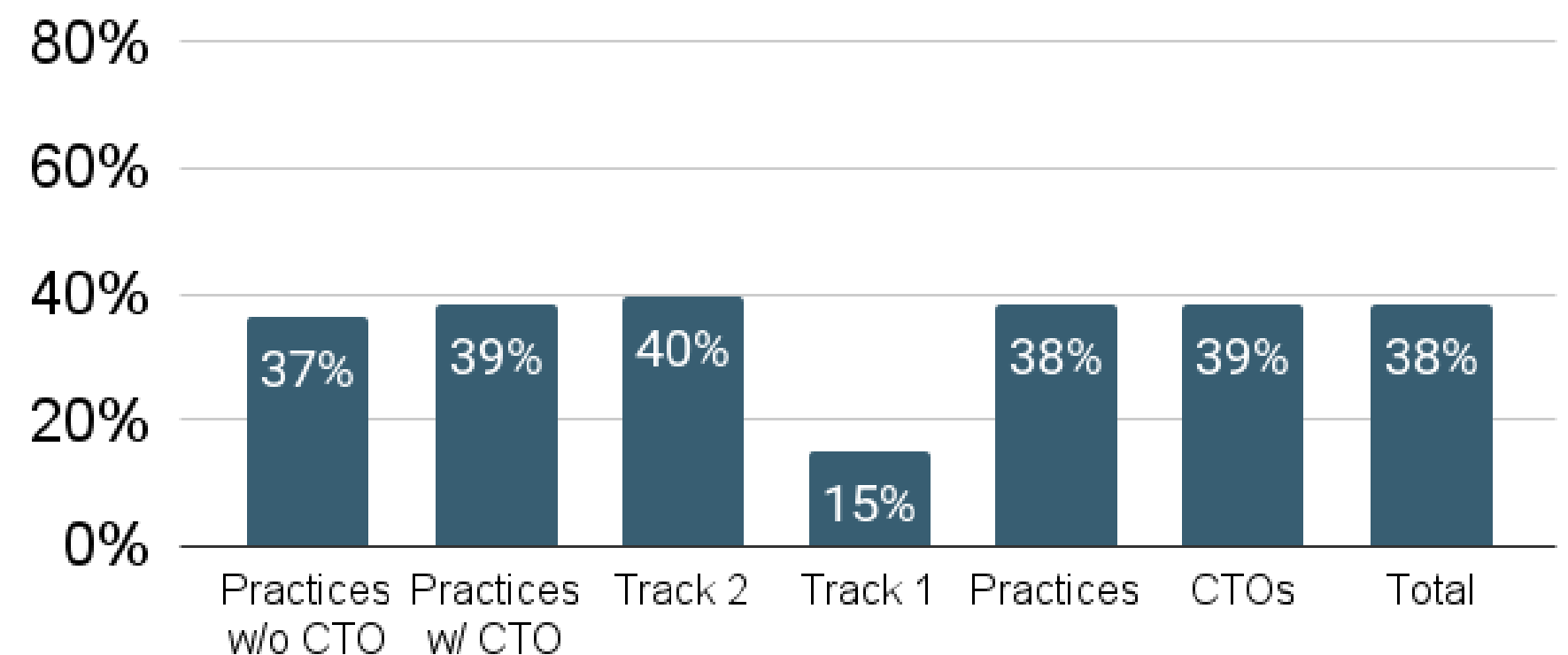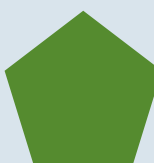
Percentage of PBIP Earned by Group, 2022

*In 2022, raw scores improved in most categories. However, actual PBIP retention decreased from the prior year due to changes in benchmarks and scoring methodology.

For more information view the 2022 Extended Performance Data Summary

MDPCP Workstreams

⯊ Health Information Technology

⬤ Health Equity

◼ Public Health Integration

▲ Behavioral Health Integration

⬠ Quality Improvement and Learning

Look for the shapes that correspond to each workstream at the bottom left of each slide!

Practice Data Tools - Aligned with Maryland's State-wide Integrated Health Improvement Strategy (SIHIS) Goals

These tools contribute to advancing state population health goals and support primary care practices in providing better care and the advancement of primary care services.

Smart Alerts

Prediabetes Smart Alert: Alerts providers about patient A1C lab results that put them at risk for becoming diabetic.

Non-fatal Overdose Smart Alert: Identifies patients that have experienced a **non-fatal overdose** and were treated by EMS or Emergency Department.
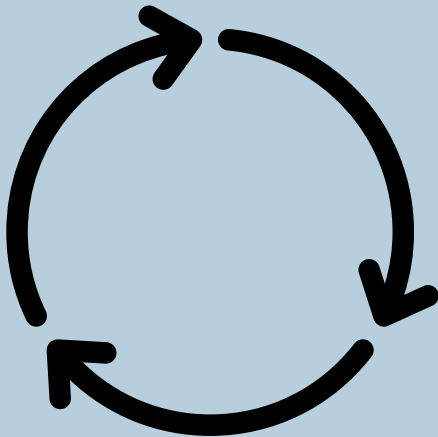
Model Development

Pre-DC Model™: Predicts Severe Diabetes Complications. The purpose of developing this model is to identify patients who may be at risk for serious and potentially fatal conditions. This model helps practices reduce **diabetes** incidence within the state of Maryland while increasing capacity and beneficiary participation in the Diabetes Prevention Program.

MDPCP Data Tools: 2022 Reports Development and Enhancements

New Pharmacy Reports

Enhance medication reconciliation and comprehensive management efforts within primary care practices.

High Risk Medications - Top 100 Prescribers

- Identifies the top 100 prescribers who prescribed potentially high-risk medications for older adults.

Medication Synchronization Opportunity Summary

- Identifies patients whose prescriptions are not synchronized.

New Event Prediction Tools

Round out the Prediction Tools suite and provide care management opportunities.

Pre-DC (Severe Diabetes Complications)

- Estimates individual's risk of inpatient admissions or ED visits, facilitating actives management of Type-2 Diabetes.

Pre-HE (Hospice Eligibility and Advanced Care Planning)

- Designed to support proactive advanced care planning discussions by estimating risk of death within 6 months.

New Performance Measurement Tool

Developed to identify CTO and Practice-level cost.

Total Per Capita Cost (TPCC) Report

- Provides perspective on practice cost performance in line with TPCC performance measure.

Report Enhancements

Develop more actionable reports to increase report use.

Health Equity by Demographics Report

- Identifies health disparities among patient population through disparity index and chronic conditions.

Beneficiary Details Report

- Focused report of high-risk patients which includes HEART payment flag, pharmacy data, and prediction tool scores.

MDPCP Reports Usage Spotlight: Care Management, Comprehensiveness and Coordination of Care Reports

Most CTOs and Practices prioritized improvement of Care Management using a patient-centric, data-driven, and team-based approach. This graph reflects the increased use of Care Management, Comprehensiveness and Coordination of Care reports in 2022 to support these ongoing initiatives.

Comparison of Reports Usage
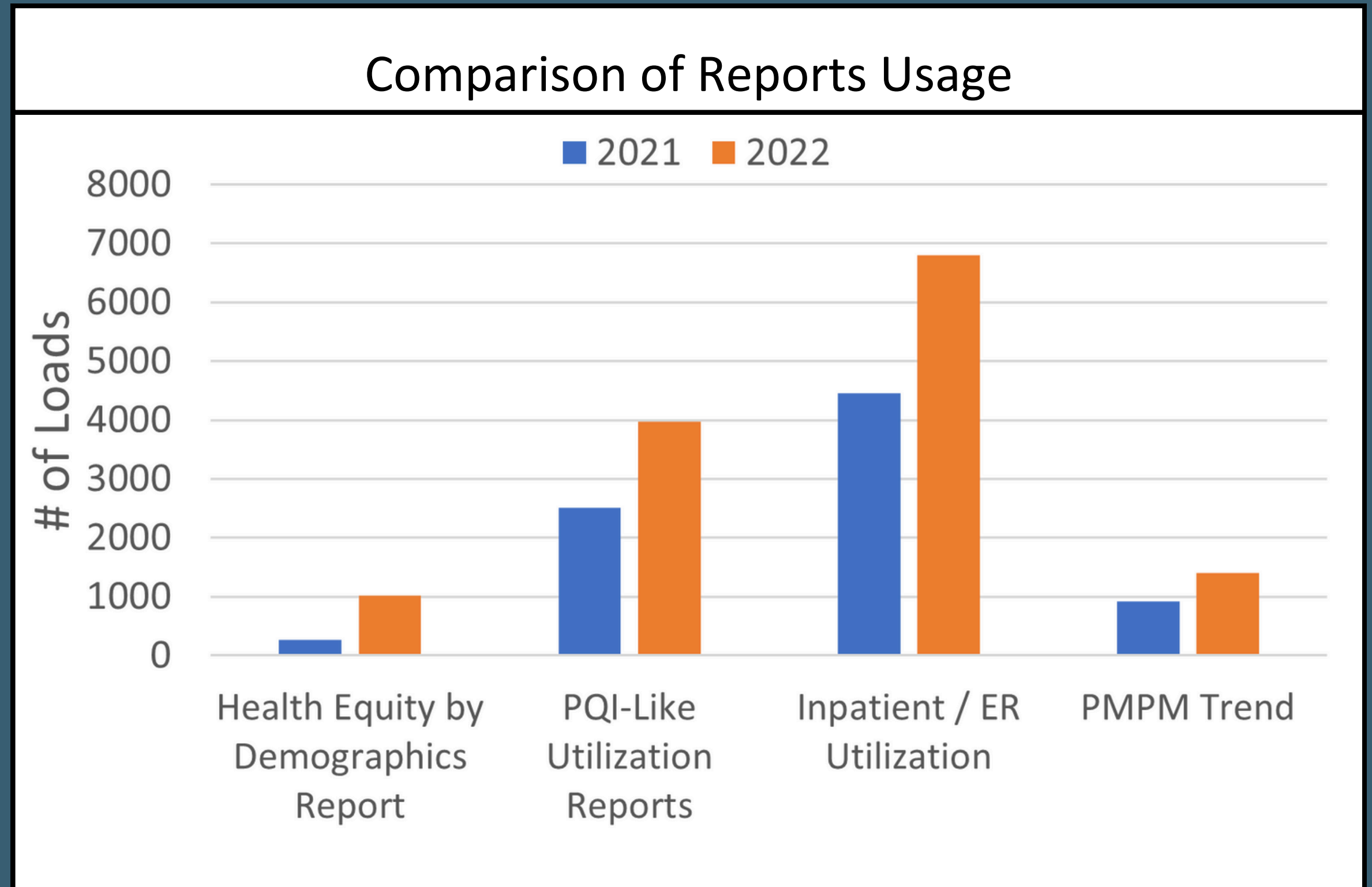
Rollout of the Equity-Focused HEART Payment

In 2022, MDPCP rolled out the Health Equity Advancement Resource and Transformation (HEART) payment, providing additional support to MDPCP participants serving socioeconomically disadvantaged populations in order to promote the State's and CMS' goal to improve health equity.

Example HEART Payment Uses

Chronic Disease Care Kits

Housing Support

Community Health Workers

Food Assistance

HEART Payment Funding Framework

HEART provides an additional $110 PBPM for attributed beneficiaries who are in:

One of the two highest HCC risk tiers:
4th HCC risk tier (75th - 89th percentile)
Or complex risk tier (90th - 99th percentile)

High Medical Complexity (HCC)

High Area Deprivation Index (ADI)

Highest ADI quintile (based on MDPCP beneficiary population)

Rolled out $29 Million in HEART Payments to practices and CTOs

HEART Payment Resources Provided by the PMO/CMMI

HEART Payment Playbook ~ HEART Payment Primer

HEART Payment Spotlight ~ HEART Payment User Groups

Practice Coaches

2022 HEALTH EQUITY PARTNER INITIATIVES

Maryland Health Equity and Digital Quality Measures Project

MDPCP partnered with CRISP and Medisolv to allow tracking of eCQMs and quality performance with an equity focus. This initiative enables practices and CTOs to visualize and respond to disparities in clinical quality. **34 practices signed on in 2022**!

Social Risk Factors Technical Assistance

MDPCP worked with Medstar Health Research Institute to support practices and CTOs in addressing patients' social risk, providing 1:1 support to practices/CTOs. As part of this work, we created the Guidance for Social Needs Screening & Demographics Data Collection Toolkit.

Improving Directory of Social Support Resources

MDPCP worked with Maryland 211 to **add 506 resource records** and improve the quality of information in the 211 online resource directory for social resources.

COVID-19 and Public Health Integration

COVID - 19

Support was framed with the [Primary Care Triple Play Strategy](#). In 2022, the PMO:

- Hosted **13 COVID-19 Provider Update webinars**
- Disseminated **62 Primary Care COVID-19 emails**
- Onboarded **38 new primary practices** into the Maryland Primary Care Program, and
- Facilitated the **distribution of 70,800 point-of-care (POC) tests** to primary care practices (this reflects 354 requests).

Mpox and Flu

Because of the partnerships developed during the COVID-19 pandemic response, MDPCP practices were able to participate in the Mpox outbreak, as well as the flu season response efforts. Support included:

- Education through **webinars and routine emails**
- Addition of the **flu vaccine into ImmuTrack**

Spotlight: COVID - 19 Vaccine Booster Campaign

In the spring of 2022, MDPCP hosted a COVID-19 vaccine booster campaign. **Crain Medical, PA** successfully utilized patient portal messages, connections to local faith centers, and other strategies to obtain a **37.09% increase in boosted patients**! Ultimately, the campaign led to 17,809 COVID-19 boosted MDPCP beneficiaries.

17,809 COVID-19 boosted beneficiaries

Behavioral Health Integration

OVERALL .... 100% of practices report integrating behavioral health services in 2022

SUBSTANCE USE DISORDER THREE-FOLD STRATEGY ....

SBIRT implementation in hotspot OUD areas.

Practice Improvement - individualized, rapid cycle improvement plan for practices that have not met their targets.

SBIRT data in CRISP

Total SBIRT Screenings 445,045

Total Positive Screenings 30,656

Total Brief Interventions 11,479

SBIRT: Screening, Brief Intervention, and Referral to Treatment
OUD: Opioid Use Disorder
BH: Behavioral Health

Behavioral Health Integration
SBIRT Participation by County - through December 2022

Garrett 2/3 sites 67%

Allegany 5/10 sites 50%

Washington 7/14 sites 50%

Frederick 9/28 sites 32%

Carroll 15/24 sites 63%

Baltimore 58/89 sites 65%

Harford 12/29 sites 41%

Cecil 5/10 sites 50%

Baltimore City 43/54 sites 80%

Kent 1/3 sites 33%

Howard 14/24 sites 58%

Montgomery 60/84 sites 71%

Anne Arundel 24/50 sites 48%

Queen Anne's 3/5 sites 60%

Caroline 1/3 sites 33%

Prince George's 33/53 sites 62%

Talbot 1/2 sites 50%

Charles 4/11 sites 36%

Calvert 8/9 sites 89%

Dorchester 3/4 sites 75%

Wicomico 6/8 sites 75%

St. Mary's 9/9 sites 100%

Worcester 9/10 sites 90%

Somerset 1/2 sites 50%

Program Participation
0% [gradient] 100%

Counties with the highest increase in overdose deaths as compared with other counties across the state

© 2023 Mapbox © OpenStreetMap

A Snapshot of the MDPCP Learning System in 2022

Events

- **35 events** hosted by the MDPCP Learning System
- **3 new event types**, including: roundtables, workshops, & panels
- **~56% attendance rate** for all events

Spotlight

The **2022 Advanced Primary Care Leadership Academy** was hosted with MDPCP, CareFirst, MHEI, and MedChi.

There were a total of **150 registrants and 51 attendees** on the day of the event, as estimated by an attendance survey.

The keynote speaker was Dr. Doug Jacobs from the Center for Medicare. Key topics included data-driven leadership and a team-based approach to patient-centered care.

Attendees noted several takeaways, including how to apply lessons learned at the practice level.

Resources

- **4 new eCQM Guides** were created for 2022 with updated benchmarks, definitions, & resources
- **13 PQI Guides** were available to socialize with MDPCP practices (1 comprehensive PQI guide & 12 PQI-specific guides)

Communications

- The *MDPCP Today* **newsletter was managed & operated entirely by the PMO** (as of 02/2022)
- The PMO debuted an internal **Quality & Learning Strategy** for 2022 to focus internal activities
- **3 core concepts** were used to guide the MDPCP Learning System: strategic goal alignment, "all teach, all learn," and support & sustainability

The Growth of Quality Improvement in 2022

Renewed Focus on Diabetes

- **Advent of the *Comprehensive Diabetes Strategy***, featuring new elements, including: alignment with stakeholders, intentional collaboration with State departments, & focused initiatives
- Development of an actionable **Diabetes Toolkit**, including resources on nutrition, exercise, hypoglycemia, support resources, care plan templates, and a care team "who's who?"

Initiatives

- ADA - Diabetes INSIDE 2.0
- MDPCP - Integrating CHWs in the Primary Care Setting webinar

Championing Health Literacy in Maryland through MDPCP

- Funded by the Barclay-Giel Seed Grant, ensured that educational material in Maryland primary care practices is accessible to all, including those with limited health literacy. **~36% of American adults have low health literacy**, improving health education materials is crucial to advancing community health.
- Primary care practice staff from **12 practices & 3 CTOs** participated in workshops focused on improving written health communication, leading to a marked increase in knowledge gain and motivation to apply learned tools.

Summary of Accomplishments

MDPCP

COVID-19

> Presented a digital poster at the NCQA Health Innovation Summit titled, "Maryland Vaccine Primary Care Program: A Successful Public Health-Primary Care State Integration"
> Successfully onboarded more than **700 adult and pediatric primary care practices to the Primary Care Vaccine Program**
> Achieved over **500,000 COVID-19 vaccines administered in primary care practices**

Behavioral Health Integration

> 100% of MDPCP practices reported implementing a strategy to integrate behavioral health into their practice workflows.
> As of end of 2022, **350 MDPCP practice** sites have implemented SBIRT, **surpassing the 2021 SIHIS goal of 200 MDPCP practices**.

Quality Improvement & Learning

> Implemented the MDPCP Comprehensive Diabetes Strategy to support improving outcomes for patients diagnosed with diabetes
> Created a **MDPCP Quality & Learning Strategy**
> Hosted **35 learning events** in 2022, including **3 new event types** and a successful **Advanced Primary Care Provider Leadership Academy**

Summary of Accomplishments

MDPCP

Health Information Technology

> Practice implementation of the Prediabetes and Non-Fatal Overdose Smart Alerts.
> New Care Management reports released, including: Medication Synchronization Opportunity Summary & High-Risk Medications-Top 100 Prescribers reports.
> Rolled out new Planned Care for Health Outcomes report to support practices in monitoring costs (TPCC)
> Modernized the MDPCP Reporting Suite reports

Health Equity

> **Rolled out HEART payment**, providing support to a disadvantaged population
> Partnered with Maryland 211 to add **506 resource records to the 211 resource directory**
> Partnered with MedStar Health Research Institute to **create the Guidance for Social Needs Screening & Demographics Data Collection** toolkit
> Partnered with CRISP & Medisolv to sign on **34 practices for the MDPCP Health Equity & Digital Quality Measures Project**

Links with Additional Information

Program Performance

- [Extended Performance Data Summary](#)

Public Health Integration

- [Primary Care Triple Play Strategy](#)
- [Press Release: More than 700 primary care practices have joined the fight against COVID-19 through Maryland's Primary Care Vaccine Program](#)
- [Press Release: Maryland Primary Care Vaccine Program surpasses 500,000 COVID shots administered](#)
- [Photo Release: Maryland Primary Care Program celebrates successful COVID booster campaign statewide](#)

Learning

- [2022 MDPCP Learning Live Calendar](#)
- [2022 Advanced Primary Care Leadership Academy](#)
- [Health Literacy Intro: How to Communicate Clearly with Patients](#)

Health Equity

- [HEART Payment Playbook](#)
- [HEART Payment Primer](#)
- [HEART Payment Spotlight](#)
- [HEART Payment User Groups](#)
- [Guidance for Social Needs Screening & Demographics Data Collection Toolkit](#)