## Making Headway

Population Health Improvement with DRVS

#### PRESENTED BY:

**Dr. Annemarie Witmer** 

Chief Health Services Officer

Central North Alabama Health

Services

**Jessica Daily Haas** 

**Director of Clinical Transformation** 

West Virginia Primary Care Association

Jaime DiFalco

**Quality Improvement** 

Coordinator

Pendleton Community Care



USER CONFERENCE APR 30-MAY 2 | BOSTON, MA

### Today's Presenters





Dr. Annemarie Witmer Central North Alabama Health Services



Jessica Daily Haas West Virginia Primary Care Association (WVPCA)



Jamie DiFalco
Pendleton Community Care

### Agenda





#### **HYPERTENSION AND QUALITY INITIATIVES**

Dr. Annmarie Witmer | Central North Alabama Health Services, Inc.



GOING FOR THE CUP! USING DRVS FOR IMPROVEMENT IN DIABETIC OUTCOMES

Jessica Daily Haas | WVPCA

Jamie DiFalco | Pendleton Community Care



**QUESTIONS** 

### Azara Annual Conference 2024

## Hypertension and Quality Initiatives



Dr. Annmarie Witmer, MSN, MSHA, DNP,
CRNP
Clinical Services Officer
Central North Alabama Health
Services, Inc.



### Central North Alabama Health Services, Inc.

### Your Health, Our Mission



1982

Incorporated as a 2-physician family practice in North Alabama.



16,000

Patients served in 2022



98%

Patients at or below 200% of the FPL





**27%** 

Patients with a diagnosis of hypertension



1st & 2nd

Quartile performance for more than half of CQMs



#### Patients with Low Income and Poverty Levels in our Clinics

Clinics	% Poverty	% Low income
Huntsville	27%	51%
Athens	23%	41%
New Market	9%	30%
Toney	9%	30%



### Population served by Health Centers

82%

Live at or people FPL, compared to 11.5% nationally

28%

Are without health insurance, compared to 19% nationally

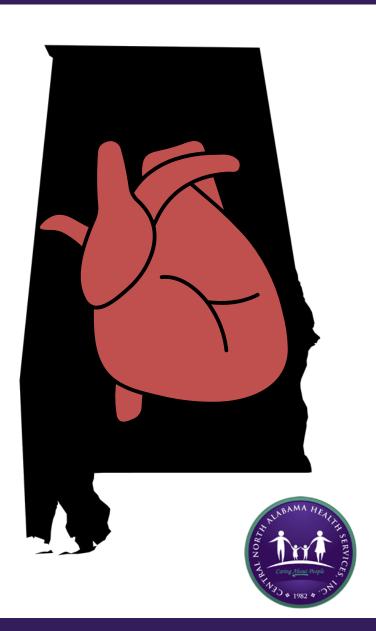
35%

Have Medicaid coverage, compared to 50% nationally



#### Alabama

- 7<sup>th</sup> poorest state
- poorest health outcomes
- 2<sup>nd</sup> lowest life expectancy
- highest level of mortality related to CVD and stroke
- 1st highest level of mortality for heart disease



### Hypertension in Alabama

Heart disease is the

15,173 deaths

leading cause of

from heart

death in Alabama.

disease in 2022



### Hypertension in CNAHSI



Hypertension is the leading monthly diagnosis across CNAHSI from 2019 to date



**3,423** patients 18-45 with HTN in 2019



53.19% BP Control rate in 2019



Patients routinely ran out of meds



Had no way to check blood pressure, so if they had no symptoms, they did not consider it a priority



### Hypertension in CNAHSI

#### In 2021 received HRSA HTN Grant to:

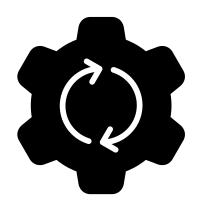


- Conduct outreach and engage patients with HTN
- Provide patient education





- Purchase Bluetooth and wireless-enabled SMBP devices
- Implement clinical processes that support use of SMBP devices
- Develop case management to support engagement and use of SMBP device

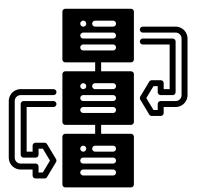


- Train for staff on new workflows
- Contract with Chronic Care IQ Care Management Platform for Remote Patient Monitoring in Q4 2021

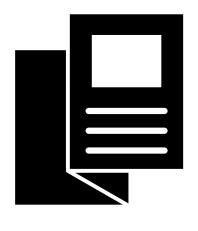
### Hypertension Grant Work



Enabling Services Case
Managers did education
for staff on the
importance of proper
blood pressure technique



**Developed hypertension protocols** to assist in case
management

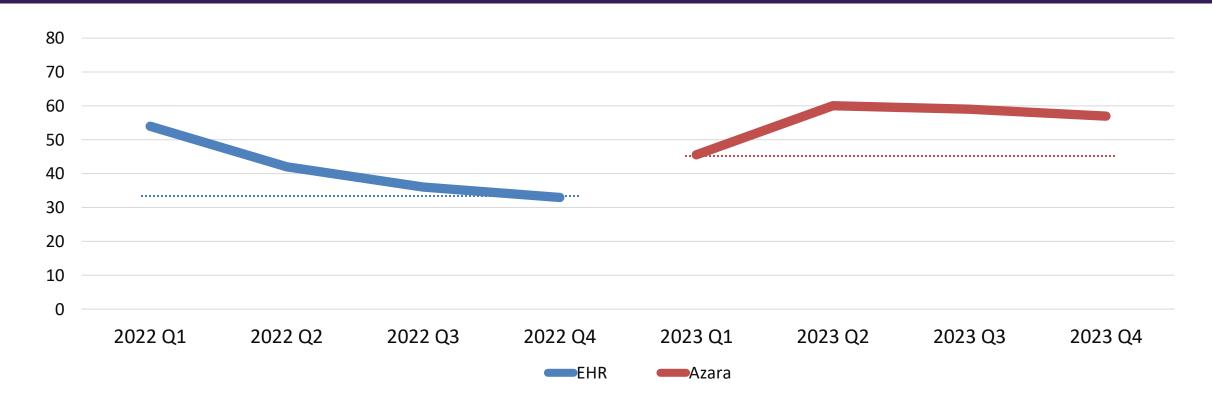


Developed patient education booklet with tips on properly taking blood pressure, diet, exercise, and logs for patient to complete and bring to health visits



Case managers prioritized the stage 2 uncontrolled patients placed on Remote Patient Monitoring (RPM) at the beginning

#### UDS HTN Performance



Numbers in the EMR were anywhere from 6% to 40% different from the Azara numbers.

Mapping was the key to the difference - Azara pulled from the entire patient record, not just one specific area.

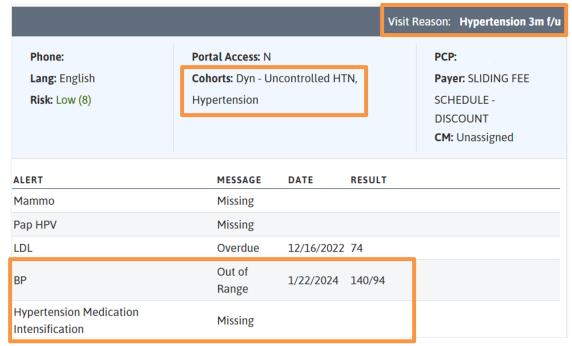


### Creating Data Driven Change

# DRVS implemented in 2022



Leveraged the Patient Visit Planning report to support pre-visit planning



AMA MAP™ measures, reports, and dashboards, used to track process and outcome improvements



AMA MAP BP™ Metric Measures (i) REPORT		
MEASURE	RESULT	TARGET
③ AMA MAP BP™ - HTN-Repeat Blood Pressure Measurement	27.7%	50.0%
⑤ AMA MAP BP™ - HTN-Follow-Up After Visit with Uncontrolled HTN	13.1%	50.0%
③ AMA MAP BP™ - HTN-Medication Intensification	20.8%	30.0%
Hypertension Controlling High Blood Pressure (CMS 165v10)	53.7%	70.0%
HTN-Improvement in Blood Pressure (CMS 65v8)	12.6%	Not Se

### Continued Hypertension Initiatives



Alabama Cardiovascular Cooperative Heart Health Improvement Project



The project concentrated on:



Patients who were not enrolled in the RPM program



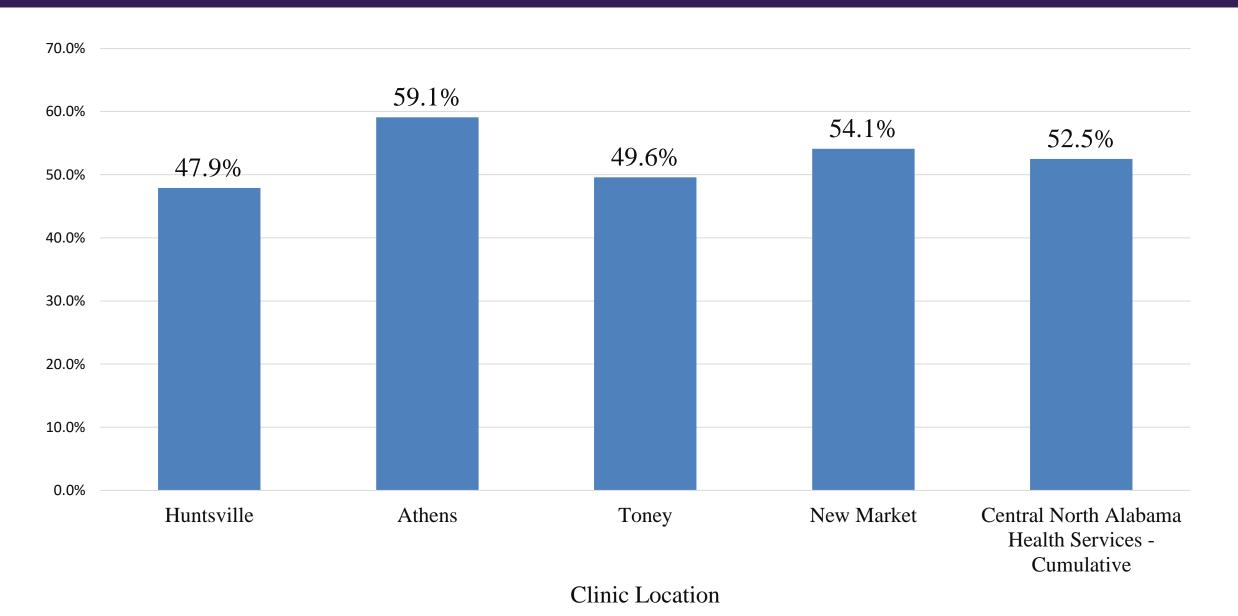
Staff understanding and engagement



Focus on patient education, lifestyle changes, medication adherence, medication intensification, selfmanagement goals, and patient follow up



#### Baseline Data (08/01/21 - 07/31/22) Controlled HTN (CMS 165)



### Alabama Cardiovascular Cooperative (ALCC)













### Heart Health Improvement Project (HHIP)

Funded by Agency for Healthcare Research and Quality (AHRQ)



#### Tools for Success:

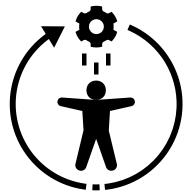
- Practice Facilitation & Technical Assistance
- Data Transparency
- Onsite & e-Learning

#### Commitments:

- Assign Practice Champion for each clinic location
- Monthly in-person and/or virtual meetings over the course of one year
- Complete one PDSA per quarter

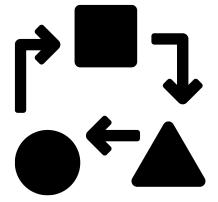


#### Four Domains



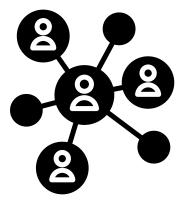
#### Self-Management Support

Implementation of self-management goals for all qualifying HTN patients (18 – 85 with pre-HTN or HTN) that were not enrolled in the Remote Patient Monitoring (RPM) program



#### Standardized Care Processes

Implementation of the Hill-Bone BP Compliance Scale for all patients presenting for an appointment with a know diagnosis of HTN



#### Team Engagement, Optimized Care, & Outreach

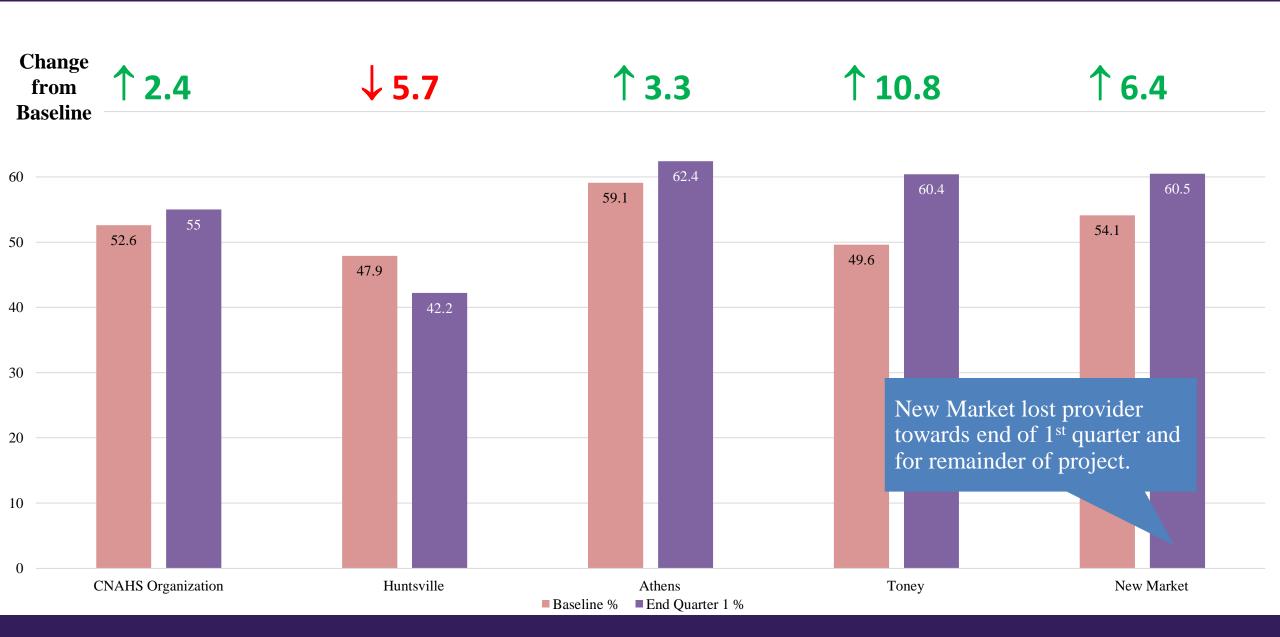
Standardization (and implementation where necessary) of daily patient-centered huddles to include all members of the care team



#### Clinical Information Systems

Use of AMA MAP<sup>TM</sup> resources in DRVS to target repeat blood pressure measurement and medication intensification

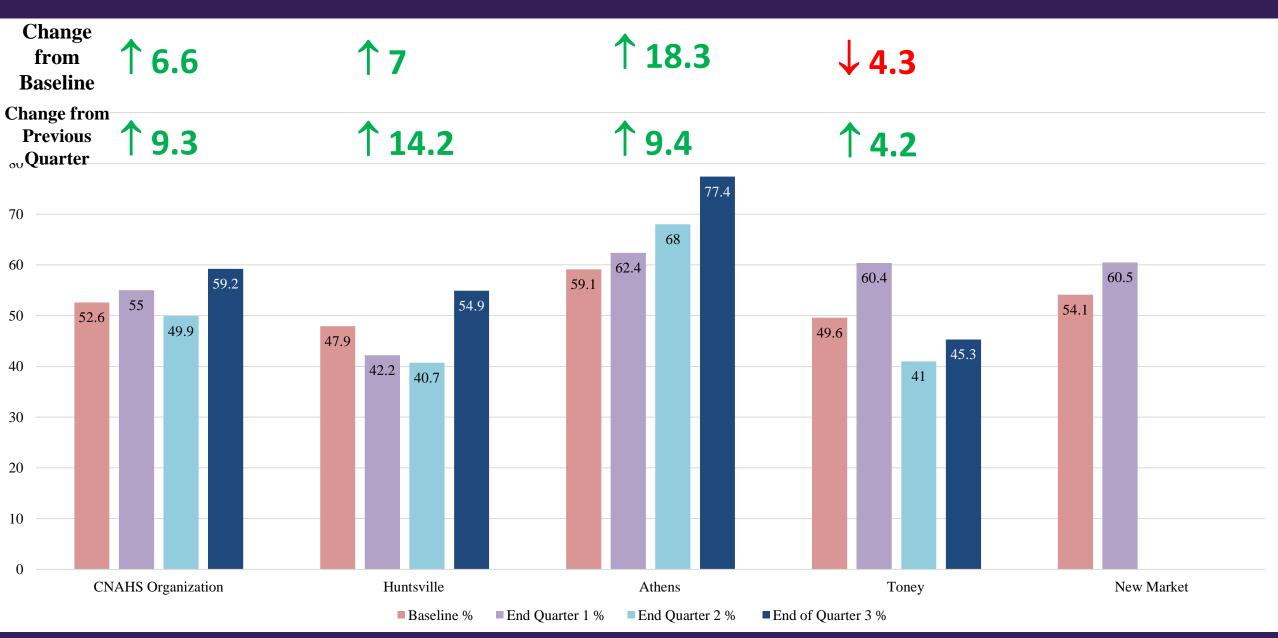
### Self Management Support



### Team Engagement, Optimized Care, & Outreach



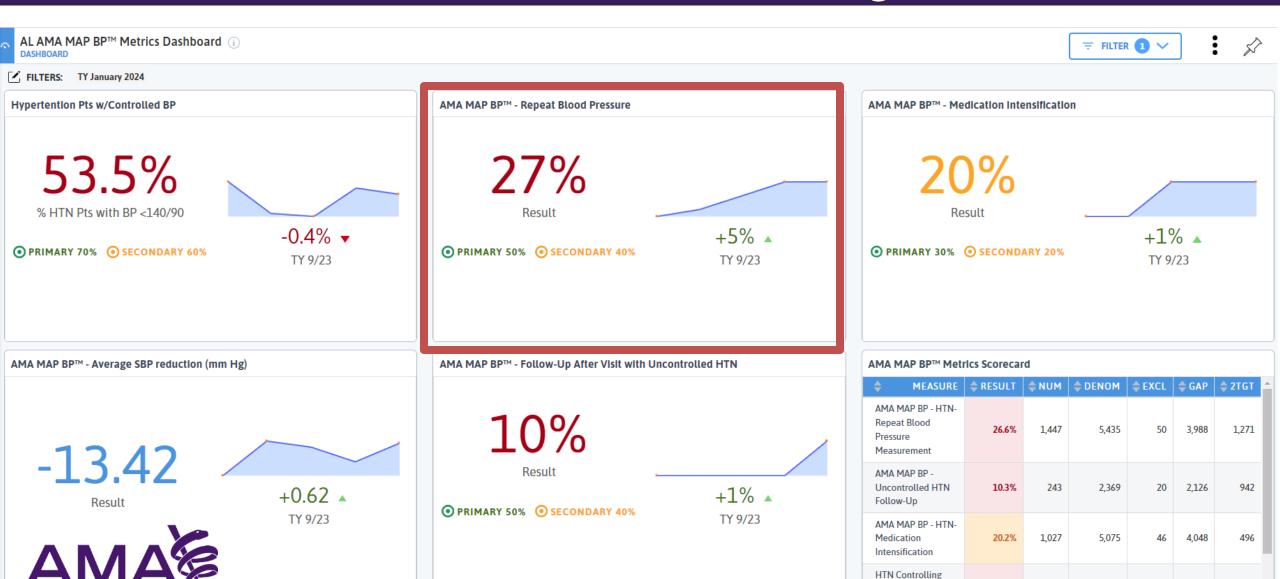
### Standardize Care Processes



### Standardize Care Processes



### AMA MAP BP Dashboard - Organization



High Blood Pressure

53.5%

1,706

1,482

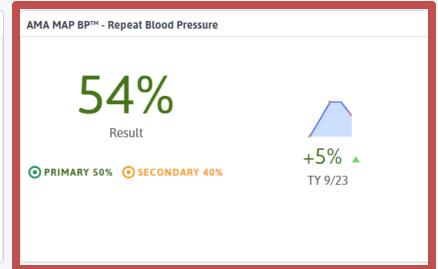
### AMA MAP BP Dashboard – Clinic Level

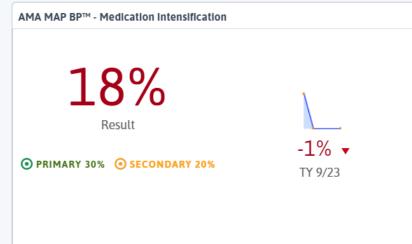


66.4% % HTN Pts with BP <140/90

● PRIMARY 70% ● SECONDARY 60%







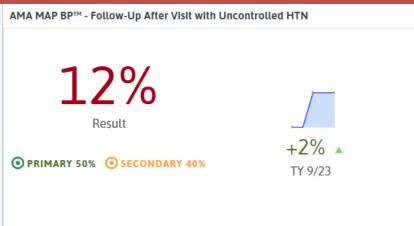
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AMA MAP BP™ - Average SBP reduction (mm Hg)

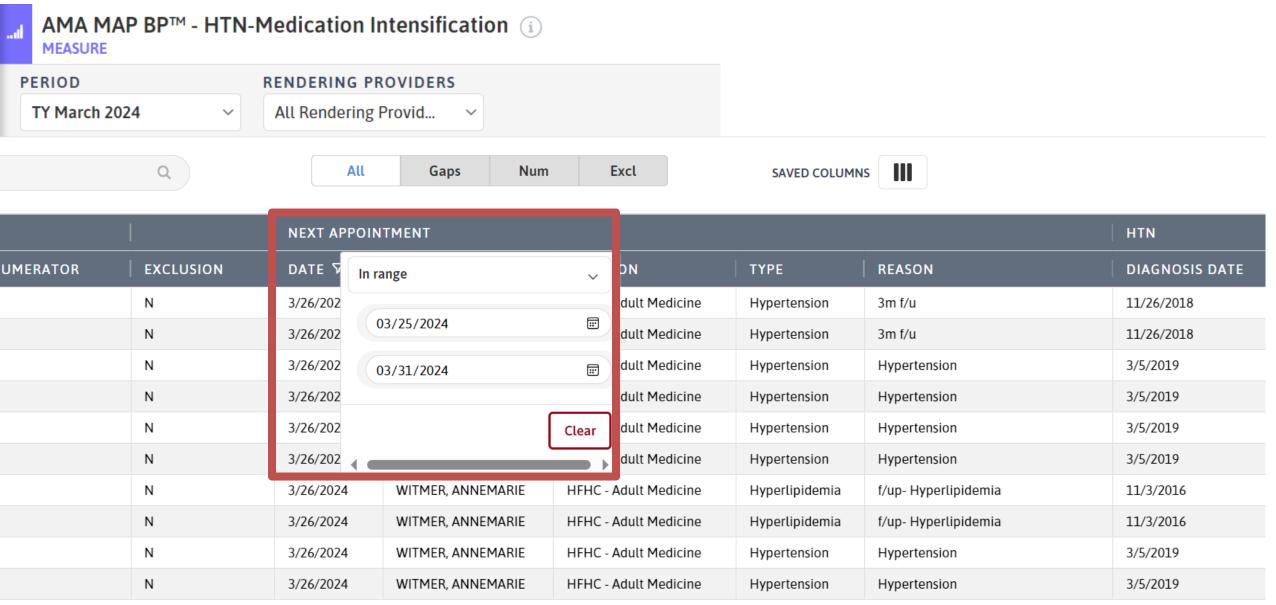






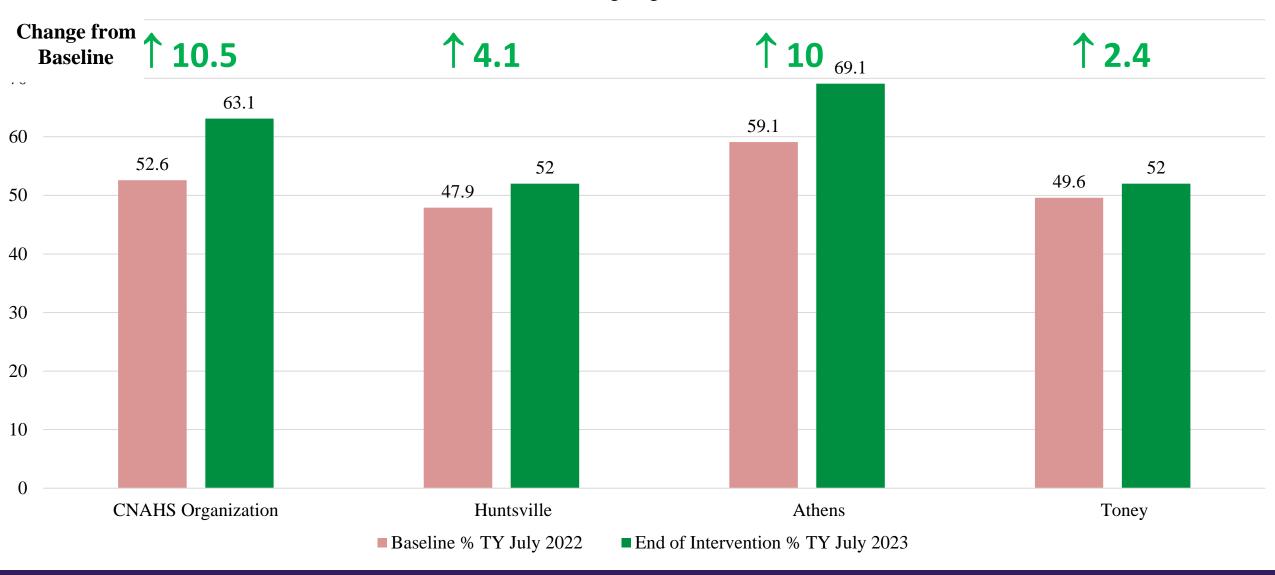
ı	AMA MAP BP™ Metrics Scorecard							
	MEASURE	<b>♦</b> RESULT	<b>♦ NUM</b>	<b>♦</b> DENOM	<b>♦</b> EXCL	<b>⇔</b> GAP	<b>♦</b> 2TGT	À
	AMA MAP BP - HTN- Repeat Blood Pressure Measurement	53.8%	311	578	8	267	0	
	AMA MAP BP - Uncontrolled HTN Follow-Up	11.7%	29	247	2	218	95	
	AMA MAP BP - HTN- Medication Intensification	18.0%	81	450	5	369	54	
	HTN Controlling High Blood Pressure	66.4%	291	438	10	147	16	-

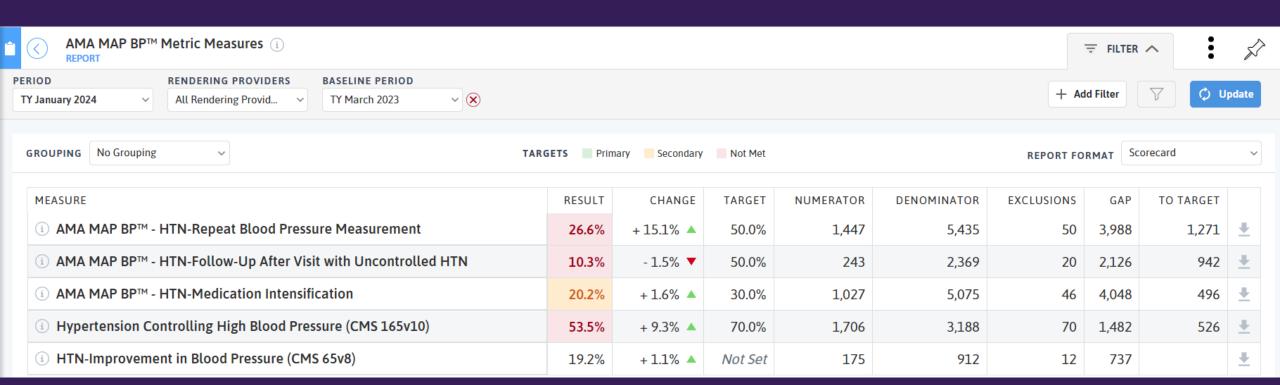
### Medication Intensification Provider Targeting



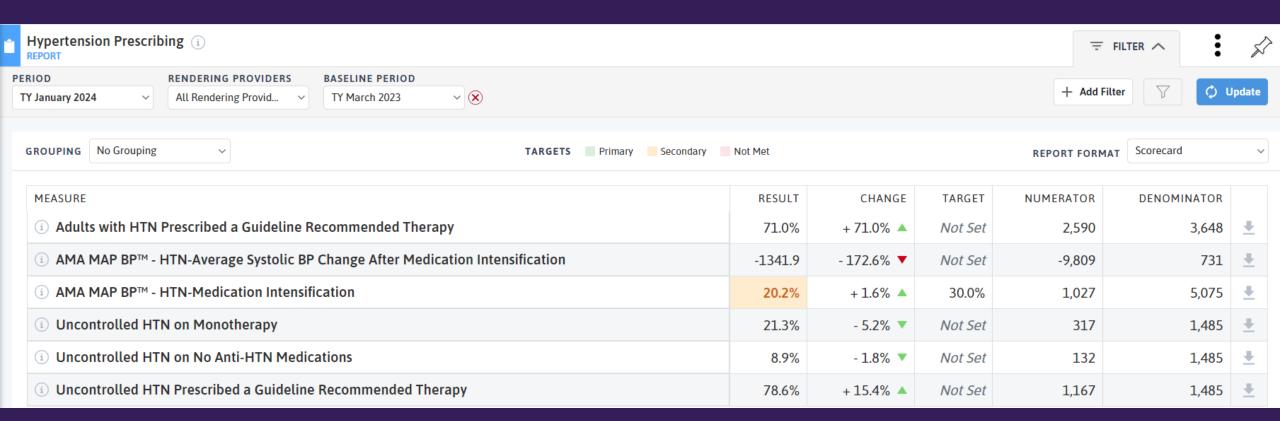
### Year over Year Improvement

HTN Controlling High Blood Pressure

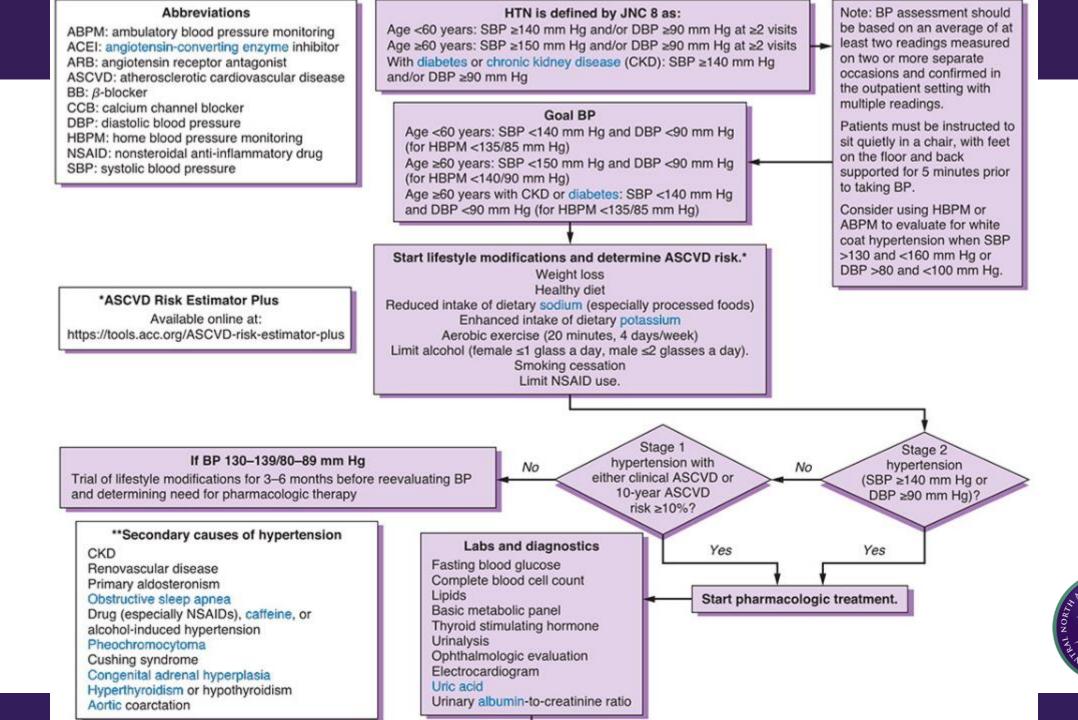




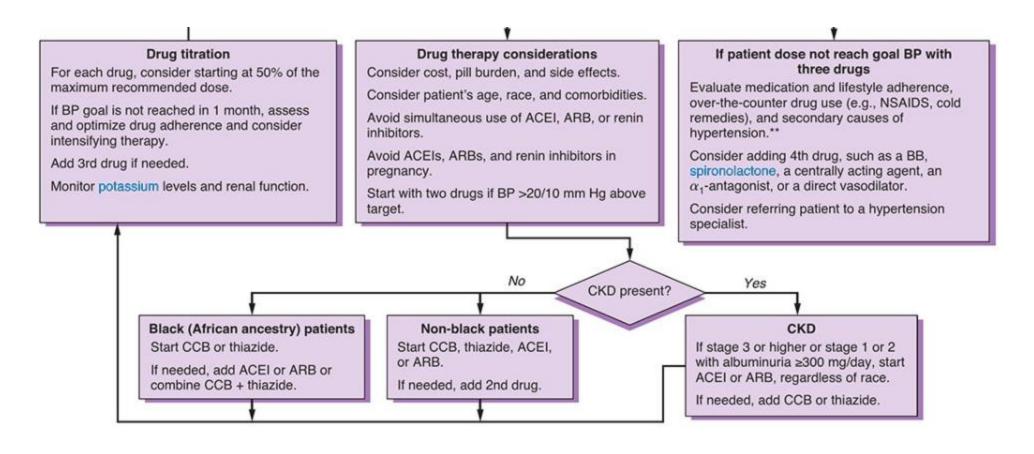




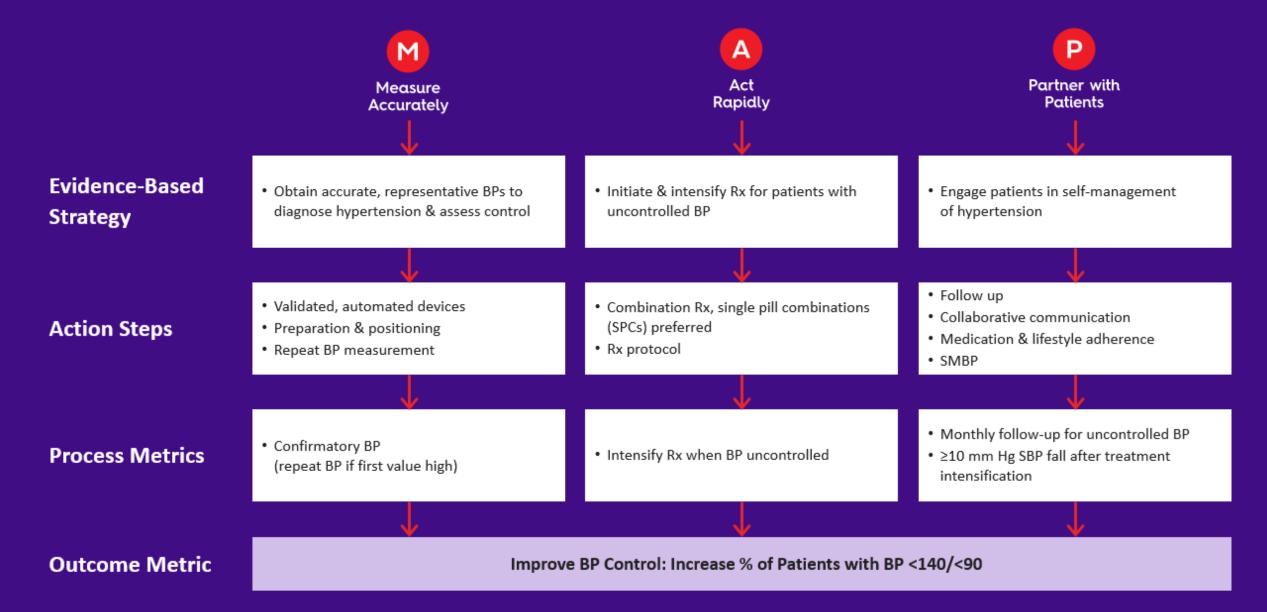




#### Central North Alabama Health Services, Inc.







BP = blood pressure; Rx = pharmacotherapy; SMBP = Self-measured BP; SBP = systolic BP



#### Access AMA MAP<sup>TM</sup> Resources in Azara DRVS



**AMA** Resources

Home >> Population Health Resources >> External Programs >> AMA...

#### American Medical Association (AMA)

Through AMA and Azara Healthcare's collaboration, health care organizations will be able to access AMA MAP BP™ metrics, reports, dashboards and scorecards through Azara DRV5-a centralized, scalable data reporting and analytics platform for population health management and quality improvement. Azara DRV5' detailed analytics allow care teams to access a more comprehensive view of their patient population, including the socio-economic challenges that their patients are experiencing. By combining this functionality with the AMA's evidence-based MAP BP quality improvement program, this may lead to meaningful improvement in clinical outcomes over time, improve quality scores and has the potential to streamline reimbursement for health care organizations. If you are interested in learning more, additional information can be found at map ama-assn.org or you can reach an AMA representative at mapbpsupport@ama-assn.org.

Download the AMA MAP BP™ resources below:

Resource AMA MAP BP™ Overview AMA MAP BP™ Implementation AMA MAP BP™ General FAQ AMA MAP BPM Azara User Guide AMA MAP BPM Medication Treatment Protocol. AMA MAP BP 2023 Weblnar Series AMA MAP™ Learning Series: MAP BP™ Overview



### **Learn About the AMA MAP™ Hypertension Program**



MAP@ama-assn.org







## Going for the Cup!

Utilizing DRVS for Improvement in Diabetic Outcomes



## Objectives





Network improvements with DRVS



Pendleton Community Care



Diabetes Quality Project



**Project Results** 



Starting Your Own Project





# West Virginia Landscape





# Health of West Virginia Residents

#### 2<sup>nd</sup>

Highest national prevalence of general health of adults as either **fair or poor**.

26.3%

West Virginia adults considered their health to be either **fair or poor**.





#### Demographics

92%
Non-Hispanic,
White

21% 65 years old and over 88%

Have a highschool diploma

23% Enter secondary ed 14%
Adults have a disability

**7%** Veterans

\$ 17% Live in poverty

> \$55,000 Median Income





#### **Common Barriers**







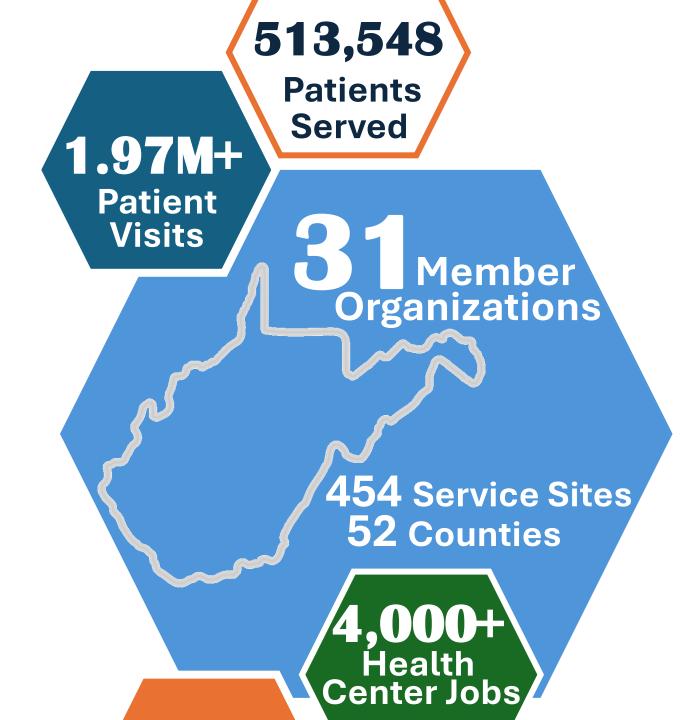




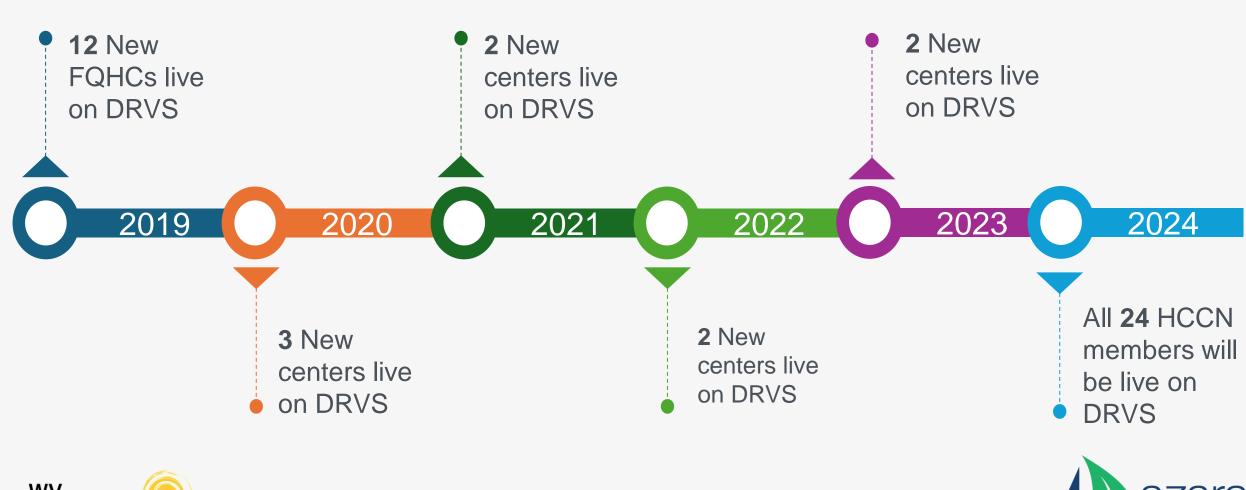




# West Virginia Health Centers



# Azara Use in West Virginia





# Optimization



Optimization on **peer learning** projects highlighting FQHC work and **leveraging of Azara** 



Share **policies** and **project information** to other FQHC in
learning **webinars** and
noodlepod **communication**.







# Going for the STANLEY Cup



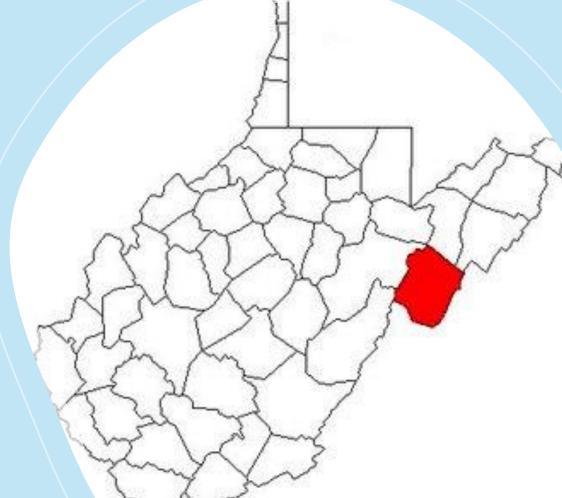








PENDLETON Community Care, Inc.



Pendleton Community Care, Inc.

Franklin, West Virginia



# Demographics



MDs Mid-levels



4 3 2 1
School- Clinic Pharmacies Radiology
based Sites Sites Site

Patients 5,084

Patients seen in 2023

60% 10%

Chronic Care Veterans

60% 30%

Medicare / MA >200% FPL

99.9%

Non-Hispanic, White

In 2022, 6 diabetes quality measures out of a cohort of 617 patients with diabetes.



## Internal Challenge to Diabetes Care



Diabetic care spread throughout the visits, often missing valuable tests in the calendar year.



Staff knowledge of quality measures and associated workflows







#### External Challenges to Diabetes Care



#### Access

- 1 hour to hospital or Wal-Mart
- Food Insecurity
- Low economic area



#### **Patients**

- Highest median age in WV
- Reliance on info from family, not medical professionals



#### **Technology**

- Lack of cellular or broadband internet
- Low levels of reading and tech literacy





## Background on Project

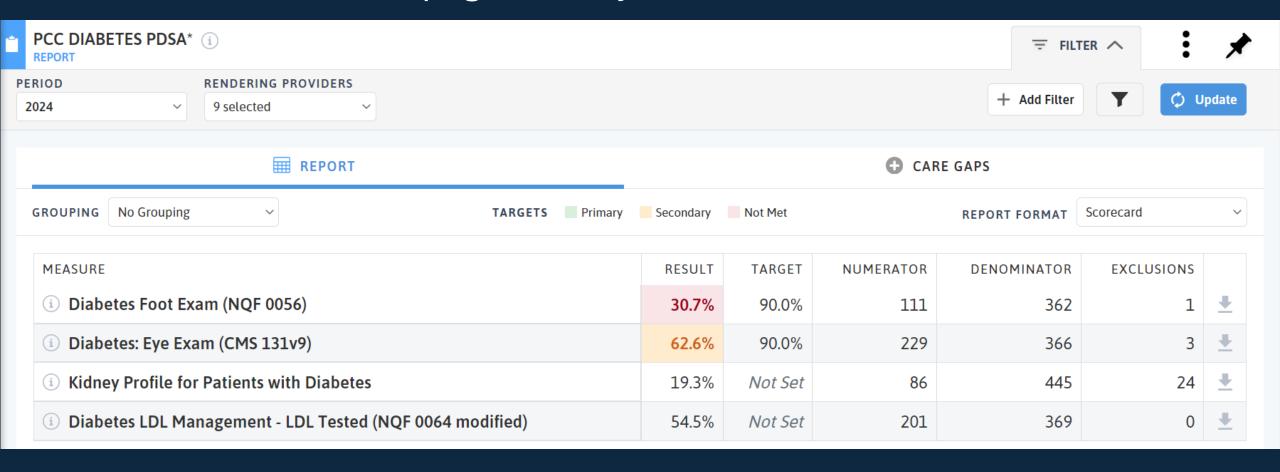
**Aim:** Improve the quality outcomes of type 1/type 2 diabetic patients by utilizing Azara DRVS to identify qualified patients for the diabetic incentive project where 10% of qualified patients will complete all 6 diabetic outcomes by project end January 2024.





## DRVS Tools | Custom Scorecard

- Quick snapshot of measures at a glance
- Set on DRVS homepage for easy access



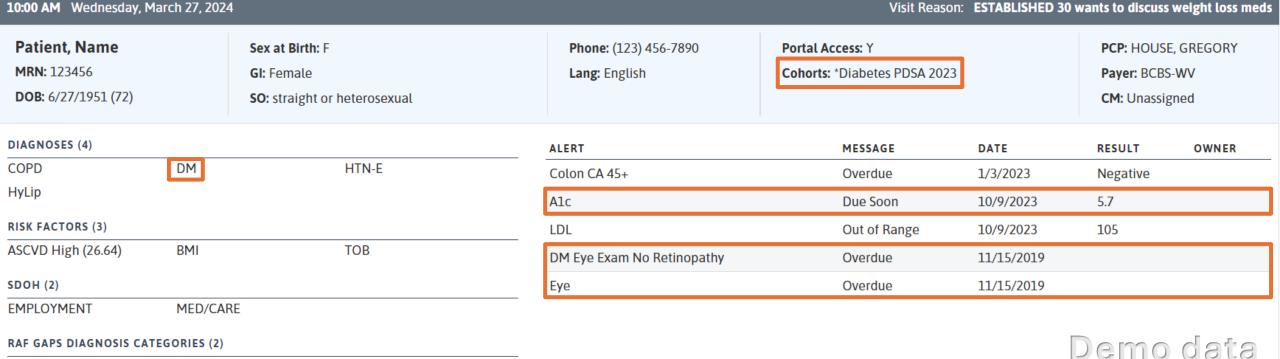
# DRVS Tools | Patient Visit Planning Report

Made this project much easier to plan.

Diabetes

Lung Diseases and Disorders

 Sorting by Cohort made it easier to focus only on patients we were trying to target.



## DRVS Tools | Dashboards

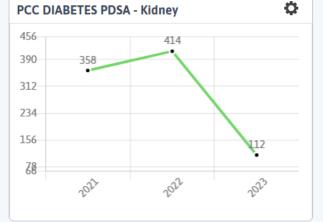


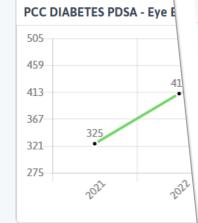
FILTERS: 2023 BURKY, JENNIFER; CAPLINGER,... A1C >9 or Untested

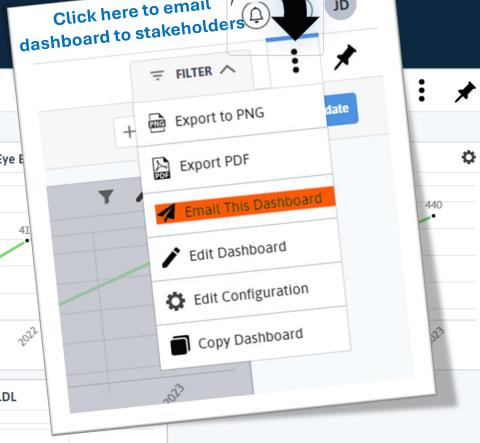
11.9%

% DM Pts w/ A1c > 9 or Untested

**-4.8%** ▼ 2022

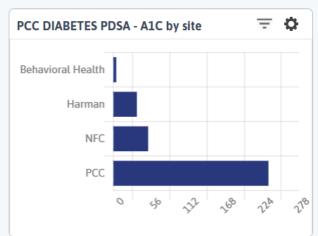






Click here to email

By A1C		
PTS W/ DIABETES	598	
DM A1c < 7	283	47%
DM Alc > 8 and Alc <= 9	67	11.2%
DM Alc >= 7 and Alc <= 8	177	29.6%
DM A1c > 9	50	8%
DM A1c does not exist	20	3.3%





#### **Staff Communication**

#### PCC Diabetes PDSA FAQ's

\_

PENDLETON Community Care, Inc.

Who is eligible? Any patient that has a diagnosis of primary diabetes at any time during 2025.

What do we give patients? Patients should be given a packet including an education sheet and goal card at the first visit they are seen. The card should be filled out by clinical staff to include tests already completed in 2025.



What if a patient loses their card? Patients should be given a new card one time with the dates filled out on it.

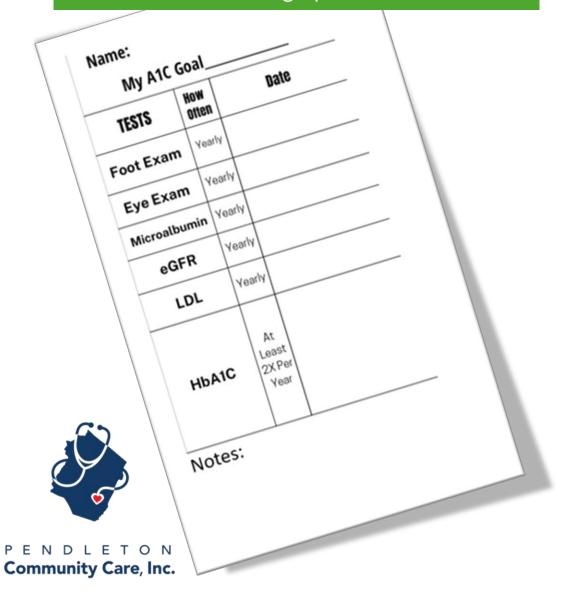
How do patients get a mug? Patients should be given a mug after completing all activities on the card in 2025, and making a copy of the card for Jamie D (with the patients name on it.)

Can patients get an extra mug? No. Only patients diagnosed with primary diabetes who complete all 6 tests are eligible for one free mug.

What is the timeframe for this PDSA? Patients can complete diabetes tests anytime during 2025. If a service is done outside of PCC patients can provide proof of a service by January 50th, 2024 to be eligible.

#### **Create Patient Education**

That reflects YOUR patient demographics



#### HbA1C



- This test estimates your average blood sugar levels over the past 3 months.
- This is a blood test and can be done with other lab tests
- Depending on your individual results, your provider may recommend this test every 3 months to 6 months.

#### • T

#### **FOOT EXAM**

- This exam is done to detect nerve, skin, and vascular foot changes before they become problems.
- This test is best done when wearing easily removeable shoes.
- This test is recommended at least every year.



#### **EYE EXAM**

- Our nurses use a special camera to taka a picture of your eyes for evaluation.
- If you see an eye docter yearly we will have you sign a release to get test information from them.
- This test is recommended yearly



#### **MICROALBUMIN**

- This test is used to detect increased levels of a blood protein (albumin) in your urine. This helps find early signs of kidney damage so they can be treated.
- The urine sample needed for this test can be done at an exam or at a lab visit.
- This test is recommended at least yearly



#### eGFR

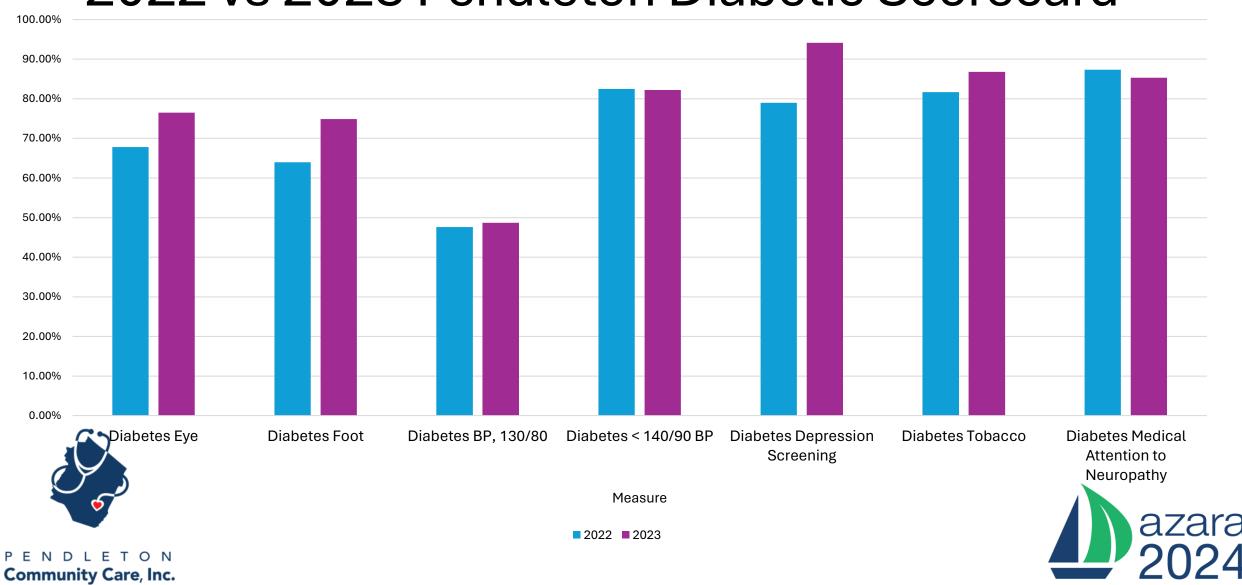
- This test helps your provider measure your level of kidney function.
- This is a blood test and can be done with other lab tests
- Depending on your individual results, your provider may recommend this test every year.



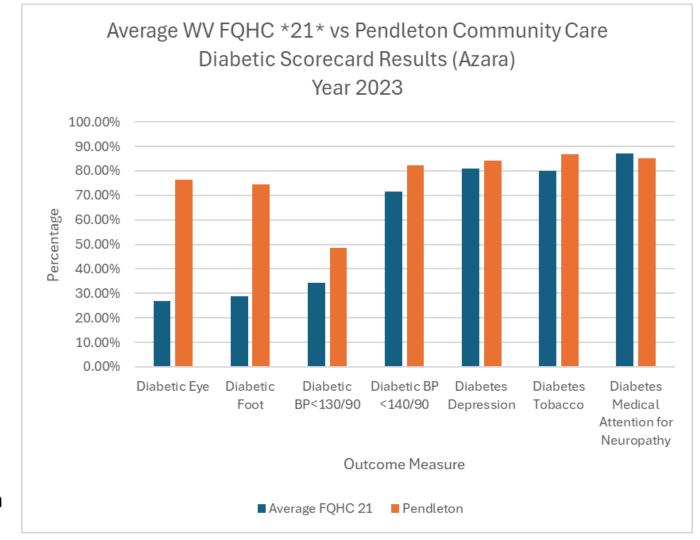
#### LDL

- This test measures "bad cholesterol" that causes fatty deposits in your arteries which reduces blood flow.
- This is a fasting blood test that can be done with other lab tests
- This test is recommended at least yearly.

#### 2022 vs 2023 Pendleton Diabetic Scorecard



# Average WV FQHC vs Pendleton Community Care







#### **End Result**

As of February 2024,

250

patients met all 6 diabetes quality measures!

40%

Of the 617 qualified patients with diabetes



# How you can do a similar project Primary Care Association



#### **BEFORE**

- Work with Clinical staff and C-Suite to get buy in.
- Understand the current workflow.
- Think of incentives that matter to YOUR patients.
- Document each expected workflow for the project.
- Train as if staff had never heard of quality measures.

#### **DURING**

- Monitor progress often and communicate results.
- Look for problems or changes that can be made throughout the project.
- Cheer on your team!
- Check on staff in person, if possible, and informally.
   "How's everything going?"

#### Resources

- Fast Facts (wv.gov)
- Facts About Hypertension | cdc.gov
- U.S. Census Bureau QuickFacts: West Virginia
- WV TRANSIT WHERE PUBLIC TRANSIT GOES, WEST VIRGINIA GROWS

#### Contact

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Jessica.haas@wvpca.org

304-544-4281



Jamie DiFalco PCMH CCE

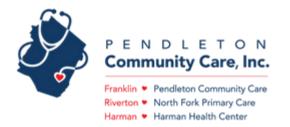
Quality Improvement Coordinator

www.pccnfc.org

jdifalco@pcc-nfc.org

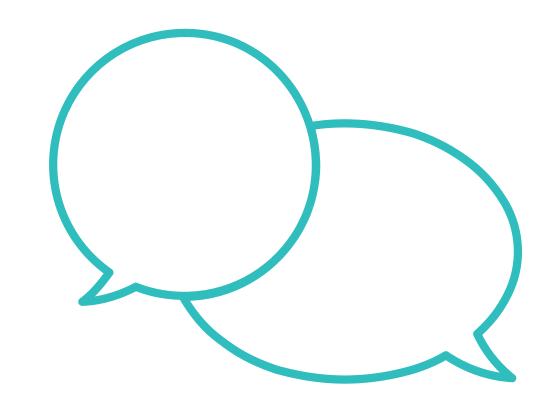
82 Pine Street Franklin, WV 26807

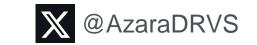
(304)358-2355 Ext.1170



# Questions?







# Achieve, Celebrate, Engage!

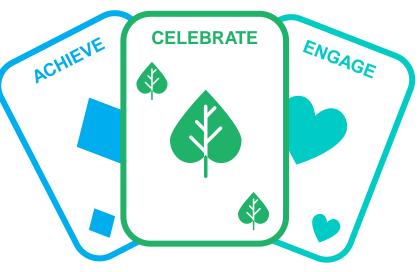
#### ACE'd it? Share your DRVS success story and become an Azara ACE!

Show your organization has used DRVS to Achieve measurable results, Celebrate improvement in patient health outcomes, and effectively Engage care teams and/or patients. Stories should showcase how DRVS helped your organization overcome a challenge, the tools and solutions used to drive improvement and details of the successes that resulted from your initiatives. ACEs should be able to provide examples that quantify quality improvement, cost savings, operational efficiency or patient health improvement.

#### **Benefits:**

- Azara will help tell your story and provide a client-branded version for your use
- Potential to create a 2-4 minute video or hour-long Azara-hosted webinar
- Win Azara swag!





Submit your success story by completing the form at this link or scan our QR code:

See this year's ACE posters in the Ballroom Foyer!

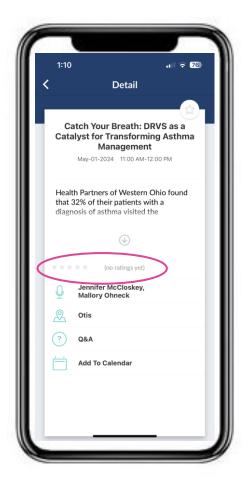


#### We Want to Hear From You!

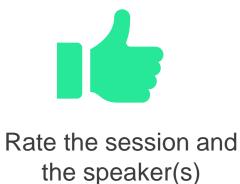


Click on the session from your agenda in the conference app.

Click the stars in the center of your screen to rate and provide feedback.













# Thanks for attending!

