



# NAACOS 2022 Leaders in Quality Excellence Award



# Agenda.....



- Overview of the Leaders in Quality Excellence Award
- ACO preparations:
  - Summit Health, Tabita Delisca
  - St. Joseph's Health, Jim Giordano
  - UNC Health Alliance, Matt Gitzinger
- Questions from the audience

# 2022 Leaders in Quality Excellence Award



- Established to recognize the outstanding efforts among ACOs working to improve the quality and safety of patient care and advance population health goals
- Selected by the NAACOS Quality Committee
- Criteria for submission:
  - The ACO must be a NAACOs member
  - The quality project must have taken place within in the last 1-3 years
  - There is no limit on the population targeted for the intervention and projects do not need to be tied to ACO program quality measures
  - Limit entries to one submission per ACO

# Committee Members



- Megan Reyna (Chair) - Advocate Aurora Health (IL)
- Dr. Rob Fields (Past Chair)- Mount Sinai (NY)
- Dr. Bracken Babula- Jefferson Internal Medicine Associates (PA)
- Dr. Richard Feifer- Genesis Physician Services (PA)
- Adriana Quiroga-Garcia- Trinity Health, St. Josephs (NY)
- Dr. Yates Lennon- CHESS (NC)
- Dr. Daniel Hyman – All Care Health Alliance (NJ)
- Dr. Ashish Parikh – Summit Health (NJ)
- Lori Schultz – VillageMD (MI)
- Rayna Caplan- Caravan Health
- Dr. Aaron Clark- The Ohio State University Medical Center (OH)
- Dr. Josh Israel- Aledade Inc.
- Paula Burleson- Novant Health (NC)

# 2022 Award Recipients



- **Summit Health**
  - Presenter: Tabita Delisca, MSN, RN  
[Tdelisca@summithealth.com](mailto:Tdelisca@summithealth.com)
- **St. Joseph's Health**
  - Presenter: Jim Giordano  
[Giordanoj@sjhmc.org](mailto:Giordanoj@sjhmc.org)
- **UNC Health Alliance**
  - Presenter: Matt Gitzinger, MHA, FACHE  
[Matt.Gitzinger@unchealth.unc.edu](mailto:Matt.Gitzinger@unchealth.unc.edu)

# "All's Well That Ends Well"

## *AWV Rates and Ever Better Care & Outcomes*

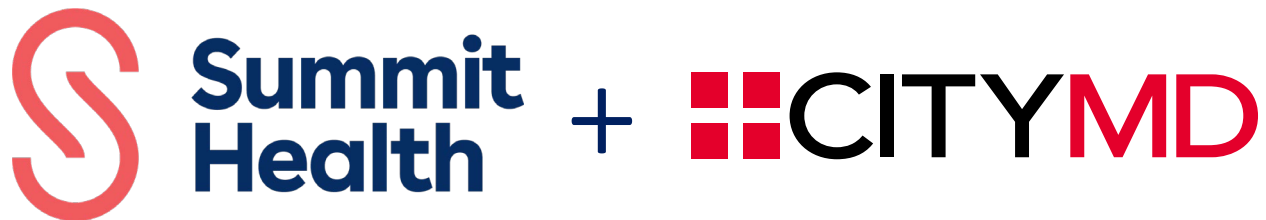
**Tabita Delisca, RN, MSN, Senior Quality Improvement Specialist**

*Deborah A. Molina, MBA, MPA, Director of Quality*

*Rishita Bhatt, MPH, MBA, Director of Value Based Care*

*Jamie Reedy, MD, MPH, Chief Population Health Officer*

*Ashish D. Parikh, MD, Chief Quality Officer*



# Summit Health



**340 locations across 5 states**

New Jersey | New York | Oregon | Connecticut | Pennsylvania

**2,500+**  
providers

**12,000+**  
employees

**30+**  
risk-based  
contracts

**275K+**  
attributed  
patients

**Building Healthier, Kinder Communities**

**TOGETHER**

# What We Did

## Efforts

Implemented a **concerted, systematic effort** to increase completion rate and effectiveness of Medicare Annual Wellness Visits (AWVs)

## Outcomes

AWV rates **increased** and remained high even during pandemic

Patients with an AWV had **higher**:

Quality Gap  
Closure Rates

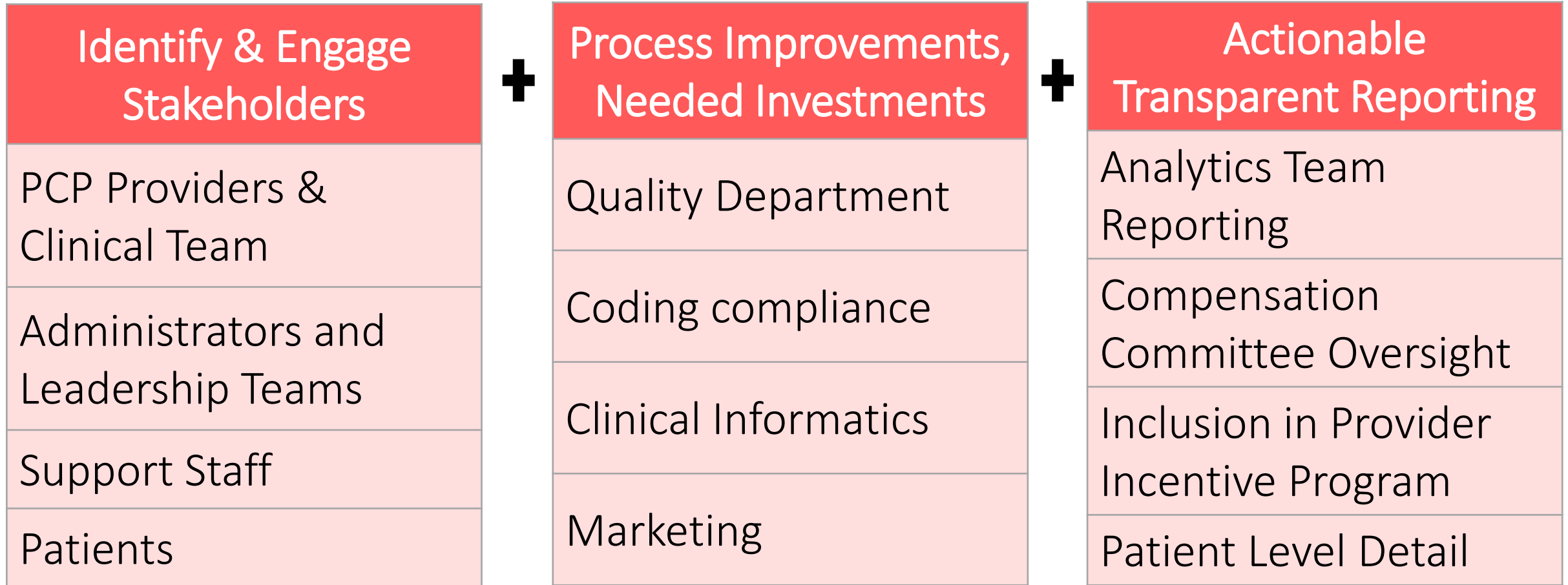
Persistent ACO  
Attribution

Disease Burden  
Capture

# What You will Learn

- Best practice used to increase the number & impact of AWWs at Summit.
- How to effectively implement a successful multi-faceted approach.
  1. How to ensure buy-in from all stakeholders
  2. What process improvements were implemented & what investments are needed to ensure long-term & sustained benefits
  3. How to measure and report impact of efforts

# Multi-Faceted Approach



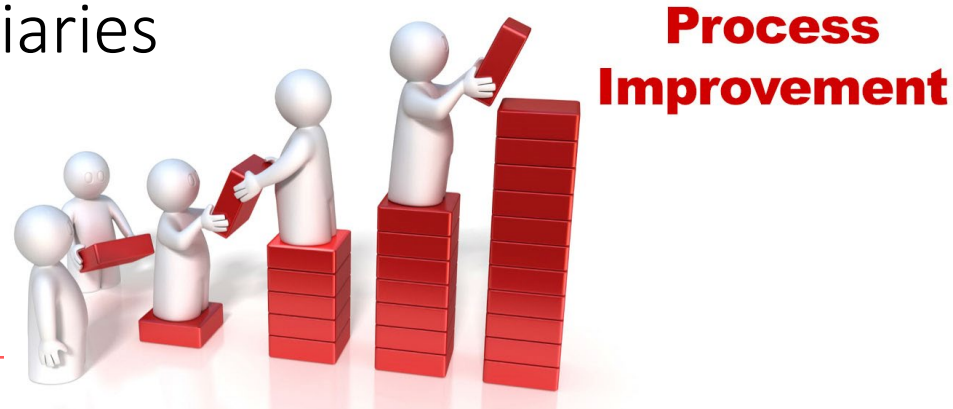
# Stakeholders: Making AWW believers

- Educated on benefits of AWWs
- Created focused presentations and went on a “road show”:
  - **Primary care providers** and care teams
  - **Administrators** and leadership teams
  - **Support staff** (center members, marketing, EHR and patient relations teams)



# Implemented Process improvements

- **Coding Compliance:** created “one pager” with key components needed to bill IPPEs, initial AWVs, and subsequent AWVs
- **Quality Department:** developed workflows to help clinical teams use pre-visit chart prep, close gaps, and collect needed information
- **Clinical informatics:** EHR AWV encounter template that reduced the click burden
- **Marketing:** socialized patient-facing materials on the benefits of AWVs for Medicare beneficiaries



# Actionable, Transparent Reporting

- **Analytics team:** created recurring monthly report that shows PCPs their AWW completion rate along with a list of patients
  - are eligible now
  - will be eligible in coming months
  - already have a scheduled or completed AWW this calendar year

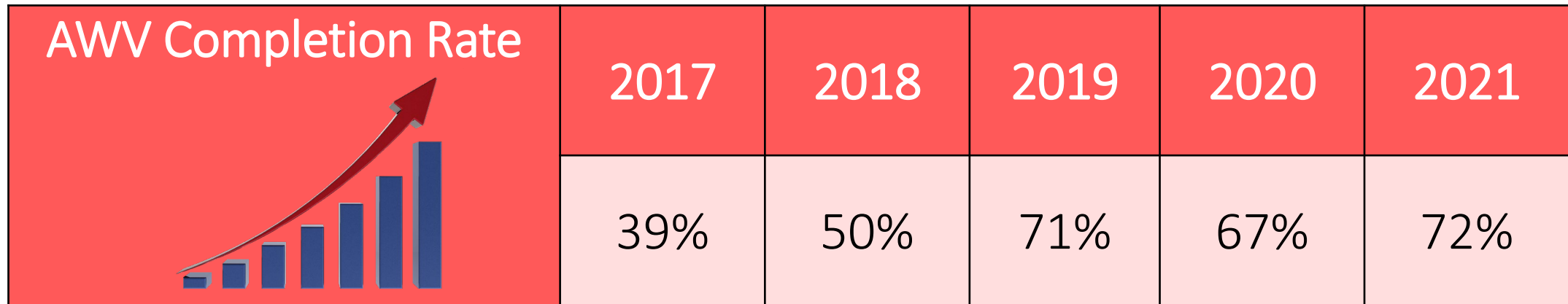
Provider	MRN	Patient Name	AWV Status	Last AWW Visit Date	Next AWW Visit Date	Next PCP Visit Date	Open RAF
PARIKH_A_MD	11111111	SMITH, JOHN	Not Satisfied	06/02/2021			0.858
PARIKH_A_MD	22222222	DOE, JANE	Not Satisfied	07/19/2021	07/21/2022		0.963

- **Compensation committee:** added AWW completion rates to the universal incentive program for IM/FM providers



# Significant increase in YOY AWW rates

Achieved and sustained a high AWW completion rate, despite the pandemic over the past two years.



# Improved Quality Measure Performance

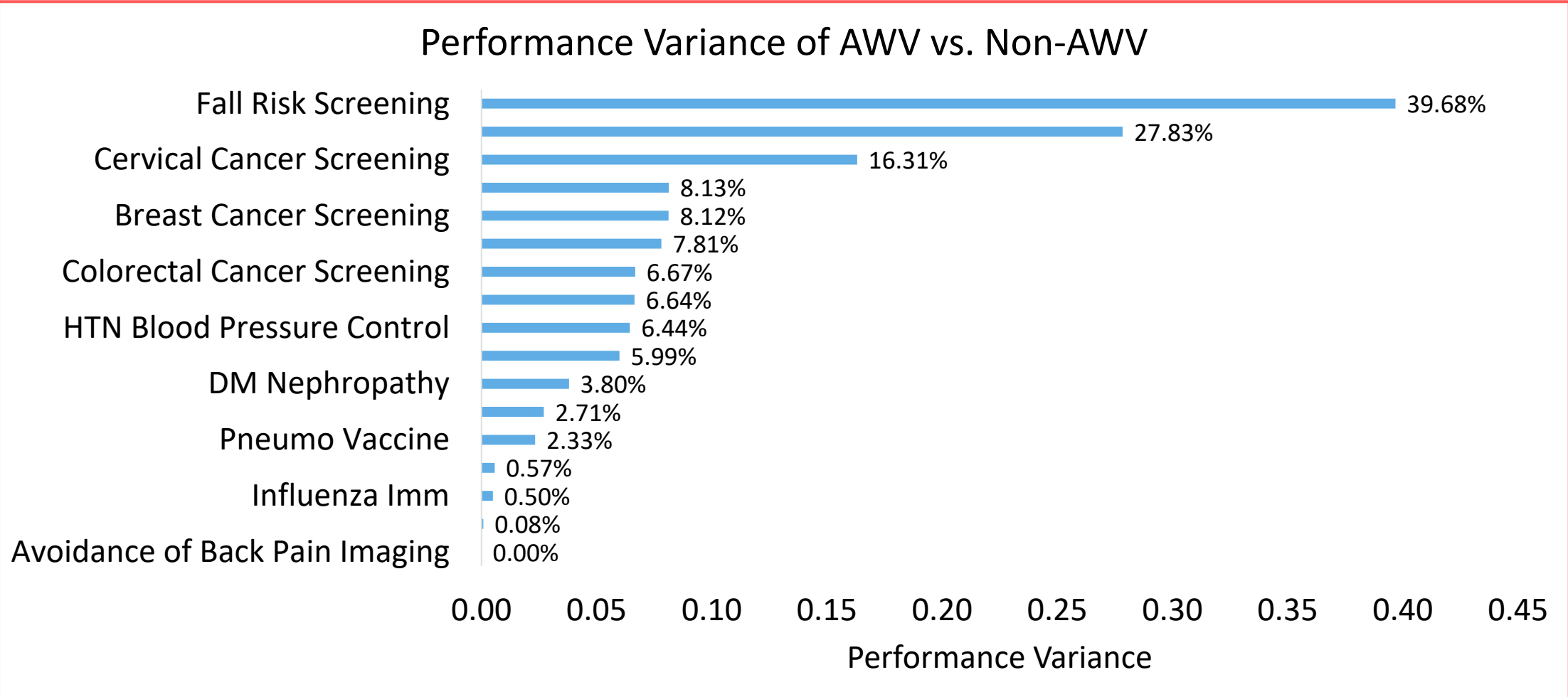
Impact of AWWs, as part of a larger population health management strategy, seen in **progressive improvement preventive quality measure performance rates YOY**



QUALITY MEASURE	2017	2018	2019	2020
Breast Cancer Screening	73.60%	70.63%	74.68%	81.30%
Colorectal Cancer Screening	72.60%	85.92%	80.67%	81.39%
Fall Risk Screening	77.76%	92.02%	98.30%	97.90%
Tobacco Screening/Cessation	73.08%	75.00%	75.00%	100.00%
Influenza Vaccination	78.57%	87.41%	89.70%	91.14%

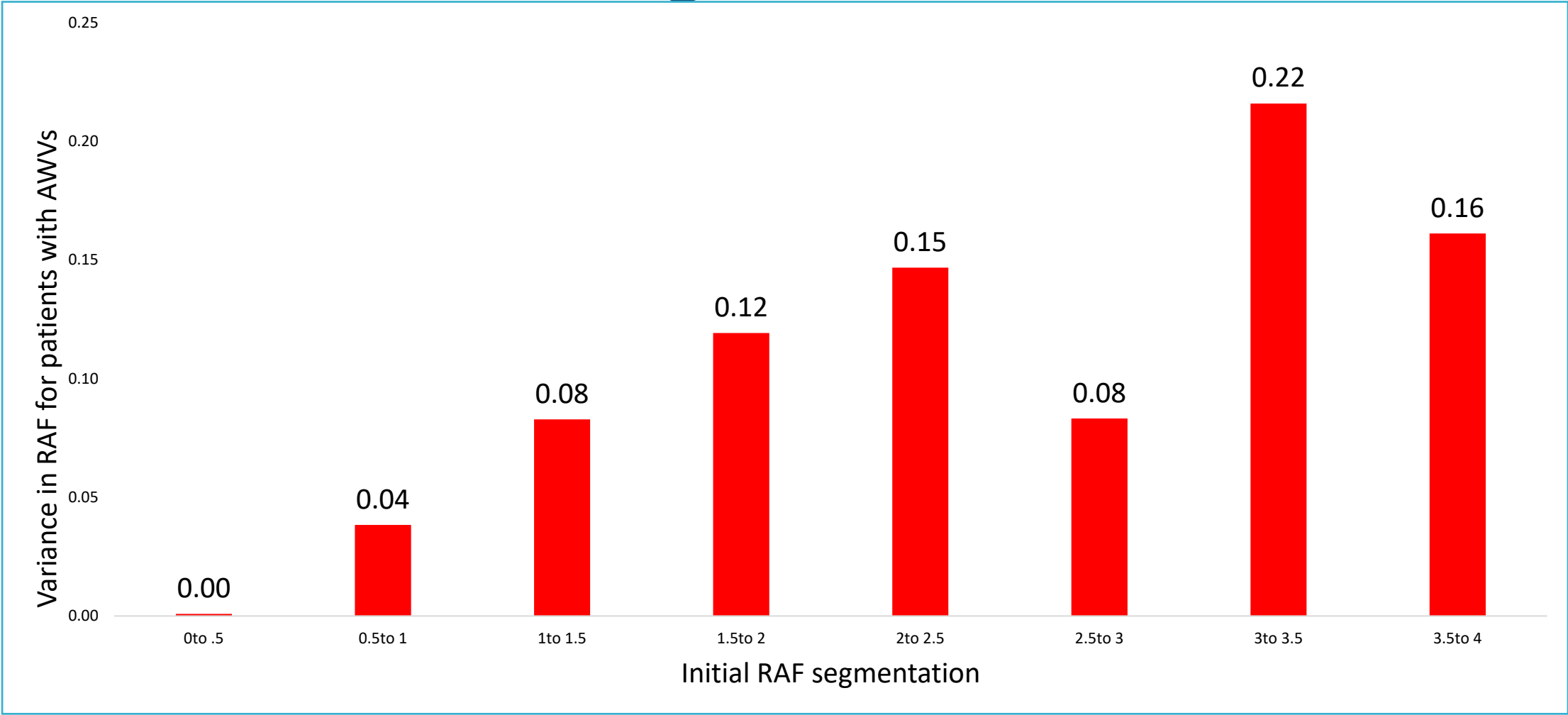
Patients  
with  
AWV

# 8% Higher Quality Measure Gap Closure



Patients  
with  
AWV

# Higher RAF Gap Closure Across All Segments

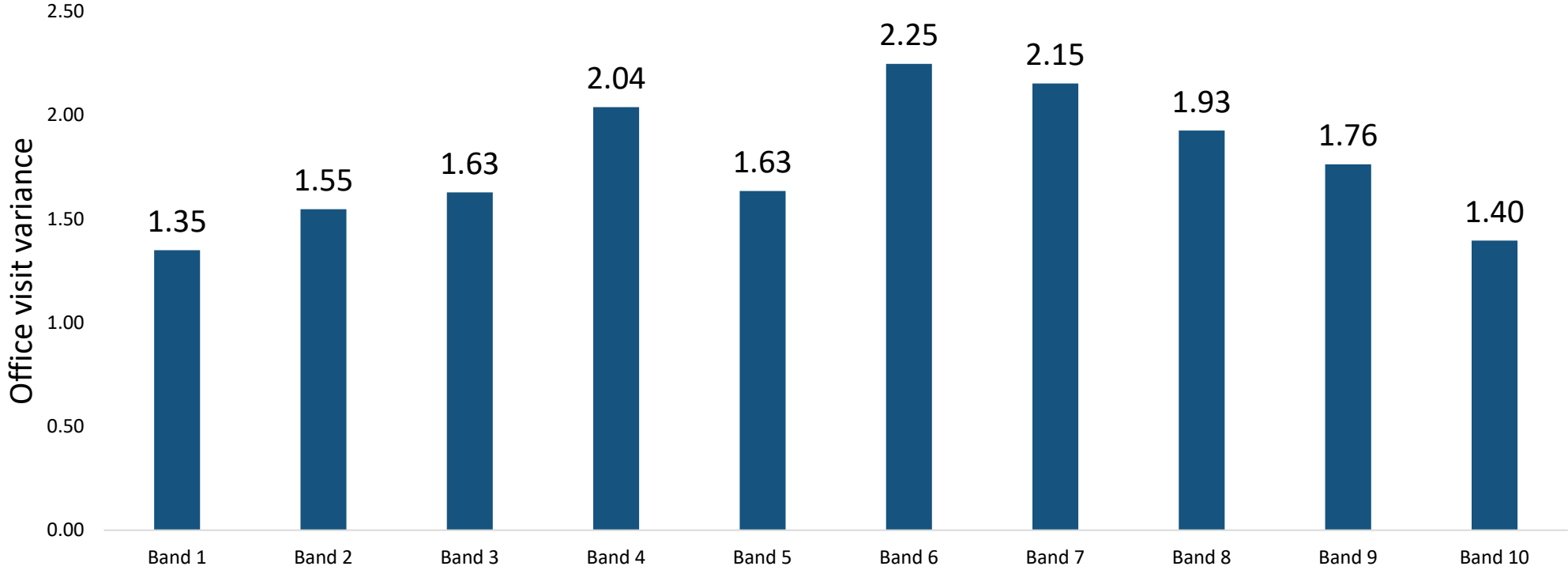


# Patients

with  
AWV

# Increase in # Outpatient Visits

AWVs generated more subsequent outpatient visits, on average 1.7 visits, which improved fee-for-service revenue.



Variance in office visits during 6 months post AWV compared to a comparable 6-month period in patients without AWVs. Bands represent risk deciles based on RAF.

Patients  
with  
AWV

# Higher retention rate in NGACO attributed population

- Patients who had AWV in 2020 were 11% more likely to remain attributed in the 2021 NGACO population
- 77% of patients who did not have AWV were attributed where 88% who had AWV were attributed

2020 Attributed Members	2021 Attributed Members	AWV in 2020	Continued Attribution Rate
6,733	5,162	NO	76.67%
12,685	11,138	YES	87.80%

Variance in office visits during the 6 months post AWV compared to a comparable 6-month period in patients without AWVs. Bands represent the risk deciles based on RAF.

# Sustainability and Scalability



# How we are sustaining the impact

- **Value-Based Care Bootcamp:** Seven 1-hour seminars on closing quality gaps, improving clinical documentation, and engaging patients which includes the importance of AWWs.
- **AWVs + Comprehensive Care Visit:** AWW combined with a comprehensive care visit that addresses all acute and chronic conditions in addition to focusing on prevention and wellness.
- **Virtual AWW:** Offered virtually to those who cannot come to the office
- **Ongoing education of providers and staff:**
  - Q-Tips (Q-Tips & Q-Cards)
  - Pre-visit chart prep training
- **Solicit & Gather Feedback:** Continually improve processes and ensure reduced the stress on our care teams.
- **Hired Outreach Specialist:** ROI showed impact of AWW and recruited/hired Population Health outreach specialists to further engage and schedule patients eligible and/or overdue for a wellness visit

# What Summit Health Learned

- AWW strategy is sustainable, scalable, transferrable and has a significant return on investment.
- AWWs positively impact value-based outcomes, AND also support fee for service revenue for outpatient care.
- Using an evidence-based approach and proving positive impact can justify progressive increases in investments to continually improve meaningful annual wellness visits.



# KEY TAKEAWAYS



For a population wide strategy to be successful you must:

- Get buy-in from all that are involved
- Use a multi-faceted approach to attain your goal
- Measure the impact of your efforts along the way and adjust as needed
- Make investments to ensure long-term benefits

Identify & Engage  
Stakeholders



Process Improvements,  
Needed Investments



Actionable  
Transparent Reporting

# Thank you

For your attention



Tabita Delisca, RN, MSN  
Senior Quality Improvement Specialist  
[Tdelisca@summithealth.com](mailto:Tdelisca@summithealth.com)

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**Improving Patient Outcomes, Quality Metrics and  
Total Cost of Care Savings  
through a Post-acute Care Nurse Navigator Role  
and Data Transparency  
between Skilled Nursing Facilities and  
St. Joseph's Health System**

Jim Giordano

Executive Director St Joseph's Health Partners CIN

ACO Executive Mission Health Coordinated Care ACO

Email: [Giordanoj@sjhmc.org](mailto:Giordanoj@sjhmc.org)

# MISSION HEALTH COORDINATED CARE ACO AT A GLANCE

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- MSSP Enhanced Track E Program with two-sided risk
- Approximately 5,200 lives
- Care coordination by Clinically Integrated Network (CIN) staff:
  - Post-acute nurse navigator \*\*
  - Two dedicated ACO nurse navigators
  - Social worker
  - Advanced Practice Nurse
  - Manager, Clinical Transformation
  - Quality Performance Managers
- High Performing Network of 10 Skilled Nursing Facilities (SNFs)
- Post-acute Data Analytics utilizing Real Time Medical Systems platform
- GPRO 2020:
  - Complete reporting on all measures
  - Final Quality Score- 97.5%

# GOALS and CHALLENGES

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## GOALS:

- Impact total cost of care savings in the post-acute setting, specifically through SNF patient management
- Decrease readmissions of SNF patients
- Decrease SNF LOS
- Improve relationships and collaboration with the SNF High Performing Network (HPN)

## Challenges:

- Lack of SNF patients' clinical data available for review to impact treatment plan, readmissions and LOS
- Lack of dedicated navigator to review clinical data and manage care of the SNF patient population
- SNF buy-in to share patient data in order to have a *collaborative* approach to improve patient care and outcomes

# SOLUTION: PAC NURSE NAVIGATOR ROLE

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**PAC Nurse Navigator (NN) position was created for the sole purpose of monitoring patients transitioning to a SNF as their next site of care**

**Responsibilities:**

- Work collaboratively with the SNF care teams to determine anticipated discharge date within 48hours of transfer to SNF
- Participate in weekly Utilization Reviews (UR) to track patients' progress during their stay
- Monitor the medical condition of the patients while in the SNF using data analytics reports which risk stratify patients readmission risk
- Ensure SNF staff addresses changes in clinical status requiring intervention
- Assist with planning for transition home:
  - \*arrange visiting nurse services together with the SNF social worker
  - \*arrange follow-up visit with the PCP within 1 week of discharge
  - \*supply the patient with the discharge summary from the SNF
  - \*provide the patient and family with PAC NN phone number
- Follow patient for total of 1 month post hospital discharge to ensure a successful transition home

# SOLUTION: PAC DATA ANALYTICS

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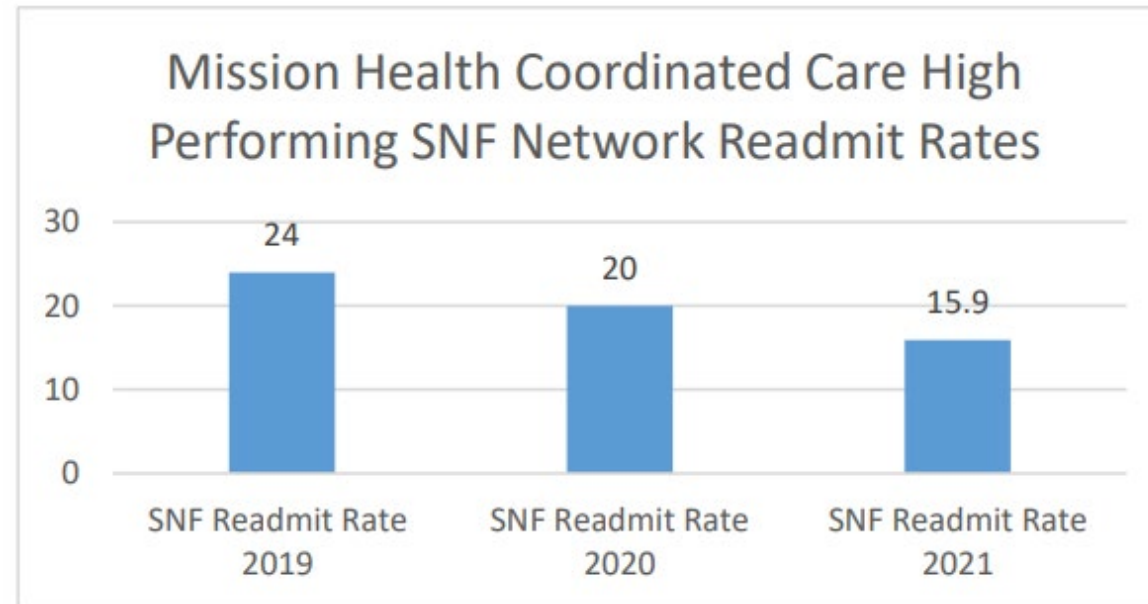
## Key to PAC NN success: Data transparency/SNF medical records access/ Impactable data analytics: Real Time Medical System

- Continuous evaluation of over 300 clinical indicators
- Daily risk stratification for patient readmission (Red/Yellow/Green) based upon clinical indicators--alerts PAC NN to patients that may need medical attention in order to prevent a potentially unnecessary or avoidable readmission
- Communications prompted by the data allow for intervention if patients do return to ED—ED Navigators notify MD-ACO pt/steer to OBS vs admit
- Analytics detailing timing or readmissions, medical reasons for readmissions, facility specific data.....ability for PAC NN to look for RA trends
- Ability to monitor LOS and skilled days in SNF for LTC patients
- Real Time support with monthly SNF readmission meetings and quarterly HPN SNF Town Hall meetings

# IMPACT/OUTCOME

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Significant reduction in readmission rate:



With each readmission costing the ACO an average of \$14,700 these cost savings are estimated to be thirty-five (35) percent of the overall total cost of care savings generated by the ACO

## IMPACT/OUTCOME

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- Collegial and collaborative relationship with the SNFs in our High Performing Network (HPN)
- Sharing of best practices between SNFs in the HPN during monthly readmission and quarterly town hall meetings
- Ability to monitor SNF LOS allowing for intervention for patients no longer requiring skilled care—resulting in cost of care savings
- Due to excellent outcomes, MHCC requires all SNFs requesting consideration to join our network, to demo and evaluate Real Time technology and strongly recommends implementation

**Initiatives have not only impacted total cost of care savings, but they have also resulted in excellent quality performance**

- In 2019, MHCC achieved a total cost of care savings of \$1.779M and achieved a 100% quality score for complete reporting (1<sup>st</sup> year ACO)
- In 2020, MHCC achieved a total cost of care savings of \$1,498,036 and a achieved a quality score of 97.5% with points earned for “Significant Improvement” in 2 of the 4 domains (CAHPS domain waived)

# COVID Vaccine Equity Reimagined for NC (COVER NC)

## UNC Health Alliance

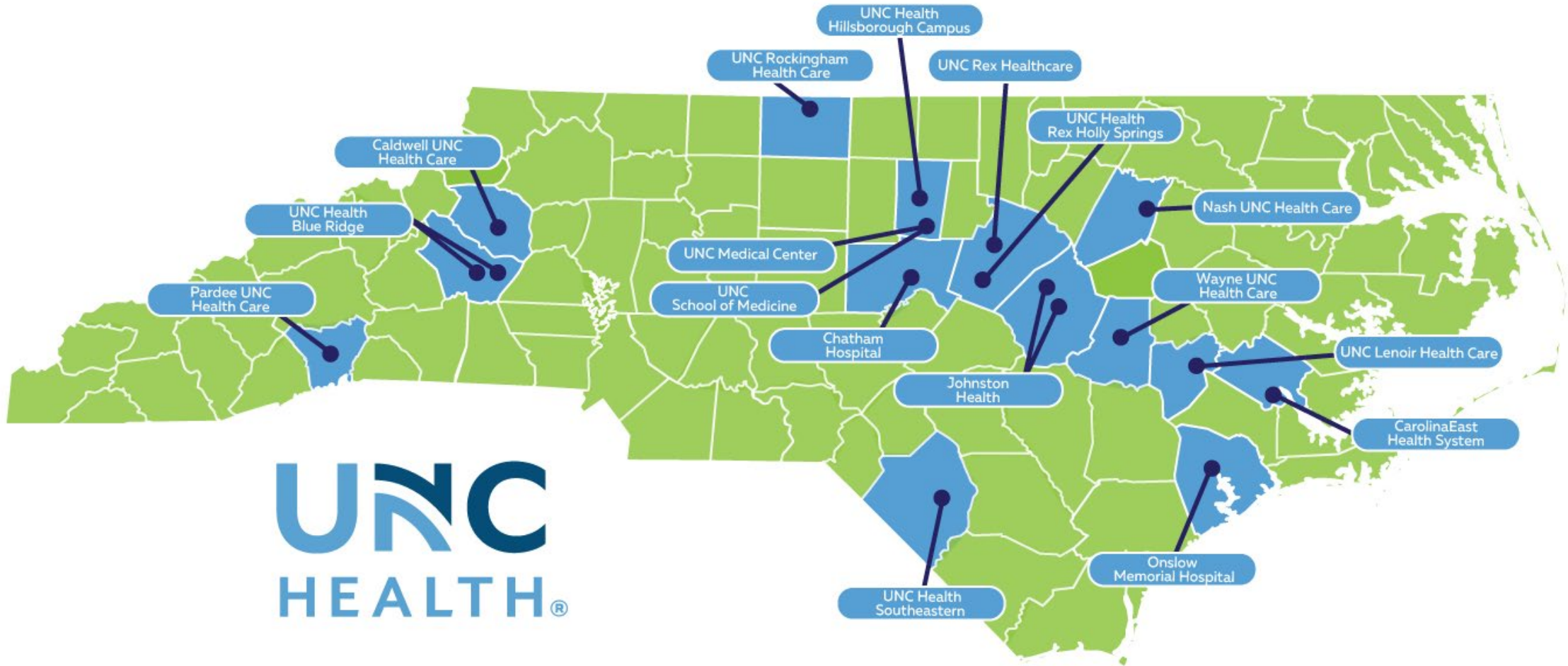
Matt Gitzinger, MHA, FACHE

System Director, Population Health Operations

Create equity in **OPPORTUNITY** for vaccination and **HOPE** that translates into equitable **UPTAKE** of vaccination.



# UNC Health Serves North Carolinians Every Day.



# UNC Health Alliance is UNC Health's Clinically Integrated Network, Accountable Care Organization and Population Health Services Organization

**6,436** Providers with **2,316** Independent providers

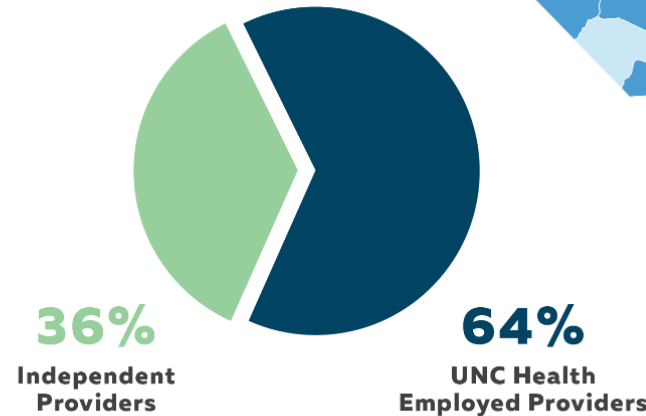
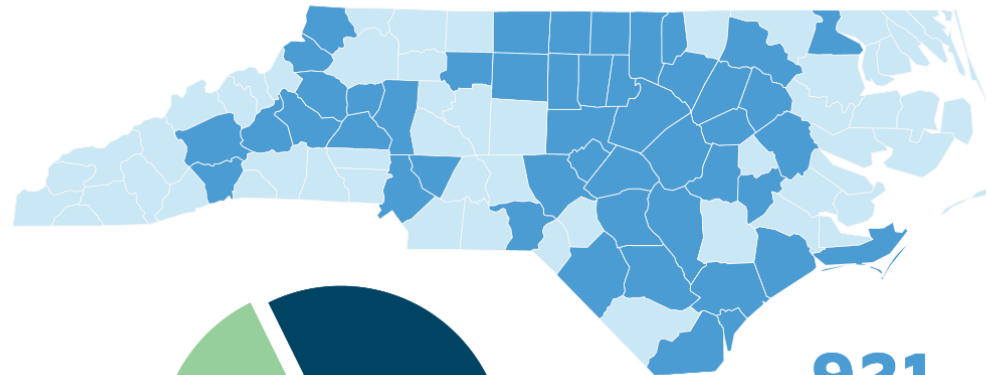
**1,131** Primary care providers  **4,748** Specialty providers

**193** Specialties and subspecialties covered

 SNF preferred network; home health preferred network

**Community-based** palliative care and hospice programs

UNCHA Network Across North Carolina



**921** Locations in **48** Counties

**12** Hospitals

# Success in Value – Built on a High Value Network, Strong Foundation of Population Health Services and Strategic Growth of Value Portfolio

We have a successful care model and operations...

... coupled with thoughtful and significant growth

## UNCHA Population Health Care Model A Learning Health System

### High Value Performance

#### QUALITY

- Lean Six Sigma Coaching
- Hoshin Planning
- Learning Networks
- Improvement Collaboratives
- Health Maintenance Requests

#### PRIMARY CARE ACCESS

- Access to Complex Care Providers
- Virtual Care 24/7
- Annual Preventative Visits
- Strategic Scheduling
- Nurse Triage 24/7

#### CARE REDESIGN

- Care Pathways
- Standing Orders
- Standard Work
- Workflow Solutions
- Clinical Decision Support
- Reduce Care Variation

### Augmented Care Team

#### EMBEDDED CARE MANAGEMENT

- PCP-Specialist Coordination
- Integrated Behavioral Health
- Advance Care Planning
- Social Determinant Assessment
- Disease Management
- Tele-Retinopathy
- Nutrition and Weight Loss Services

#### REGIONAL COMPLEX CARE

- Transitional Case Management
- Extended Case Management
- Pharmacy Management Services

#### CONTINUING CARE

- Coordinated Discharge Planning
- Enhanced Home Health
- Skilled Nursing Facility Case Management
- Pharmacy Utilization and Formulary

### Population Medicine

#### CARE COORDINATION

- Coordination throughout Continuum
- Patient Outreach
- Patient Engagement
- Transportation
- Food Assistance
- Community-based Organization Liaison
- Medication Reconciliation
- Medication Adherence
- Social Drivers of Health

#### COMMUNITY INREACH

- Community Health Worker Home Visits
- Community Resource Coordination
- Community Assessments
- Social Determinants of Health
- Reduce Health Disparities

### Wrap Around Administrative Services

#### TECHNICAL

- Data and Claims Aggregation
- Health Information Exchange
- Analytics and Reporting
- Risk Stratification
- Electronic Medical Records Solutions

#### ADMINISTRATIVE

- Chronic Condition Optimization
- Care Gap Closure
- Chart Abstraction



## UNCHA Value Growth and Diversification

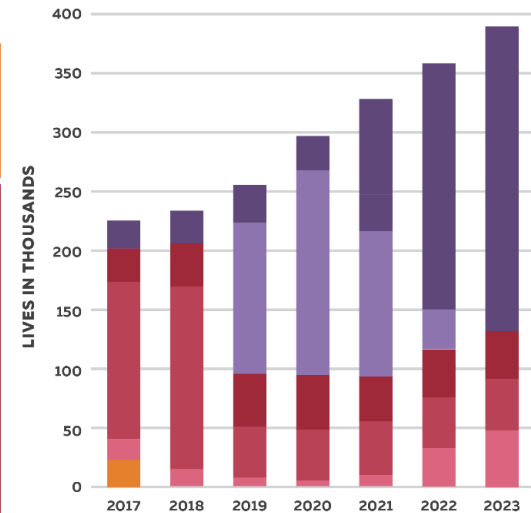
**CATEGORY 1**  
Fee for Service -  
No link to quality and value

**CATEGORY 2**  
Fee for Service -  
Link to quality and value

**A** Foundational Payments for Infrastructure & Operations  
*(e.g., care coordination fees)*

**B** Pay for Reporting  
*(e.g., bonuses for reporting data or penalties)*

**C** Pay-for-Performance  
*(e.g., bonuses for quality performance)*



**CATEGORY 3**  
APMS built on Fee-For-Service architecture

**A** APMS with Shared Savings  
*(e.g., shared savings with upside risk only)*

**B** APMS with Shared Savings and Downside Risk  
*(e.g., episode-based payments for procedures and comprehensive payments with upside and downside risk)*

**CATEGORY 4**  
Population-based payment

**A** Condition-Specific Population-Based Payment  
*(e.g., per member per month payments)*

**B** Comprehensive Population-Based Payment  
*(e.g., global budgets)*

**C** Integrated Finance & Delivery System  
*(e.g., global budgets in integrated systems)*

# COVID Vaccine Equity Reimagined for NC (COVER NC) was Developed to Address Health Equity for the Patients in NC

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**UNC Health, together with UNC Health Alliance committed to creating equity in OPPORTUNITY for vaccination among those in rural, minoritized, and marginalized communities..**

A cross functional team of clinicians and support personnel came together to lead an equitable population health response to COVID vaccination (doses 1 and 2) with the following principles top of mind:

- Engage community leaders & organizations to **deliver solutions that marginalized communities want and need**
- Provide **multi modal access** to vaccination designed to address specific barriers faced by marginalized groups and being innovative in our approach, **while listening to our communities**
- **Preserve appointment capacity** for individuals within marginalized communities

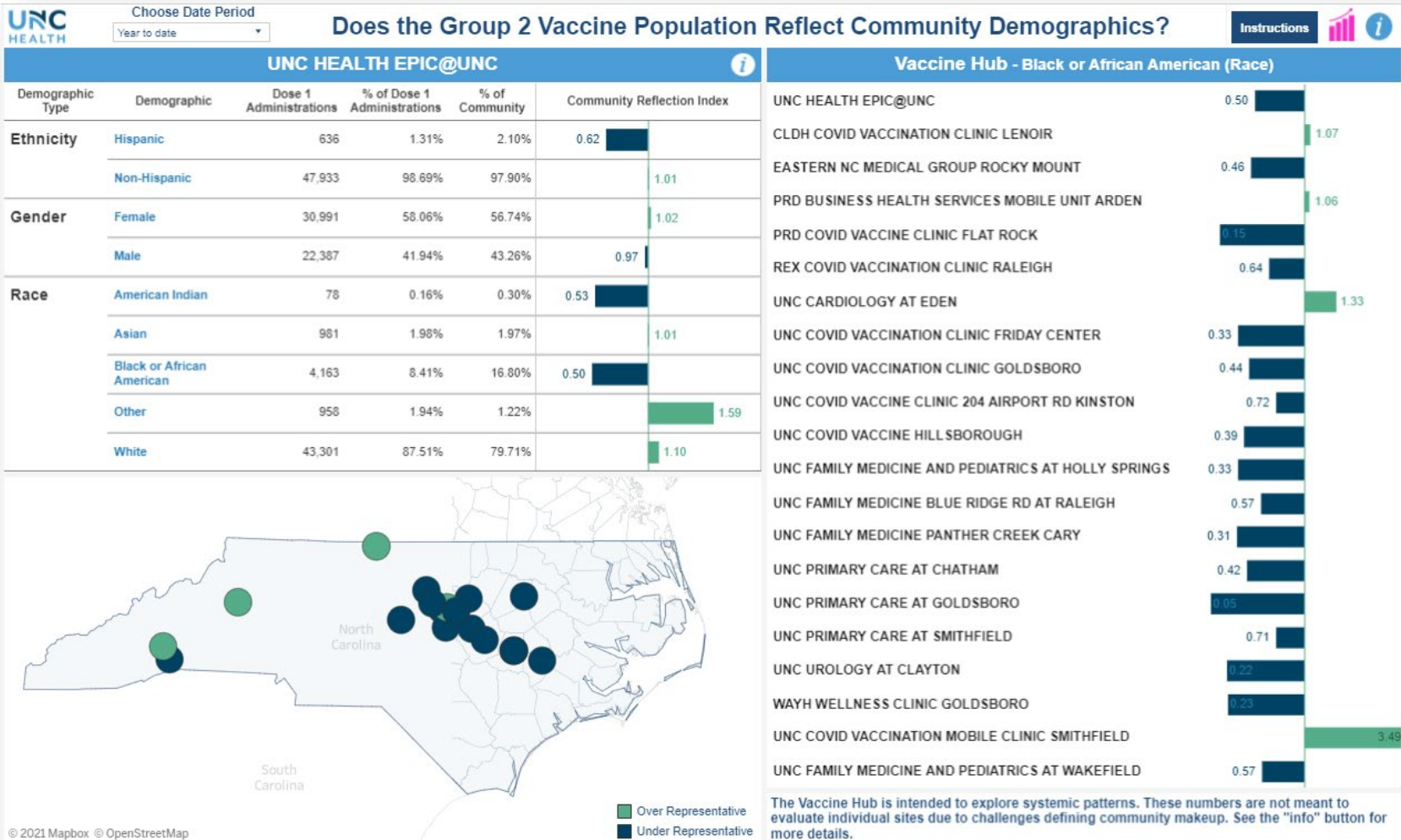
# COVER NC: Project Framework

Analytics & Workflow Solutions	Community Pop Health Operations & Vaccine Partners	Access & Scheduling	Community Engagement
<p>Reporting and analytics are needed to support operations, CQI/PDSA efforts and COVER NC strategy. <b>Data and other efforts will drive workflow changes and needs.</b></p>	<p>COVER NC <b>success will require UNC, non-UNC, and community partner clinical effort.</b></p>	<p><b>Equity begins with intentional effort</b> to manage and identify access needs and develop culturally acceptable solutions, reducing barriers and meeting the community where they are.</p>	<p><b>Communications and outreach will be critical.</b> We will need to use numerous means to engage communities.</p>
<ul style="list-style-type: none"> <li>• Develop <b>solutions for community partners</b> to provide a list of patients who are eligible for vaccination.</li> <li>• Develop solutions for community partners' events and patient "walk by" opportunities.</li> <li>• Develop <b>solution to manage inbound calls</b> to team where demand exceeds vaccine availability.</li> </ul>	<ul style="list-style-type: none"> <li>• Work with community vaccination partners to <b>understand their needs</b> and our capacity to support.</li> <li>• Identify partners to pilot <b>community-based registration</b>, once available.</li> </ul>	<ul style="list-style-type: none"> <li>• Manage high inbound call volumes</li> <li>• <b>Finalized REaL one-page data collection quick reference guide.</b></li> <li>• Working a <b>consolidated scheduling team</b> for a coordinated approach.</li> </ul>	<ul style="list-style-type: none"> <li>• Compile list of current partners that can be leveraged as <b>community advocates</b> and/or vaccination sites.</li> <li>• Develop flyers that encourage <b>patients to share their story.</b></li> <li>• Develop social media toolkit for community partner use.</li> </ul>

**Improving vaccine equity would require a focused team from across the organization, with diverse skills and relationships.**

# Step 1: Evaluated Initial Equity at Vaccine Hubs

## Community Reflections Index (data thru 2/10/21)



**Vaccine Hubs**  
 Each location or bar to the left represents a different "Vaccine Hub".

Vaccine Hubs were located across the state, with many co-located in larger primary care practices and UNC Health office buildings.

The goal was to make vaccine appointments easily accessible, including parking.

< 1 = under-represented population >1 = over-represented population

# Step 2: Developed Vaccine Access and Outreach Strategy

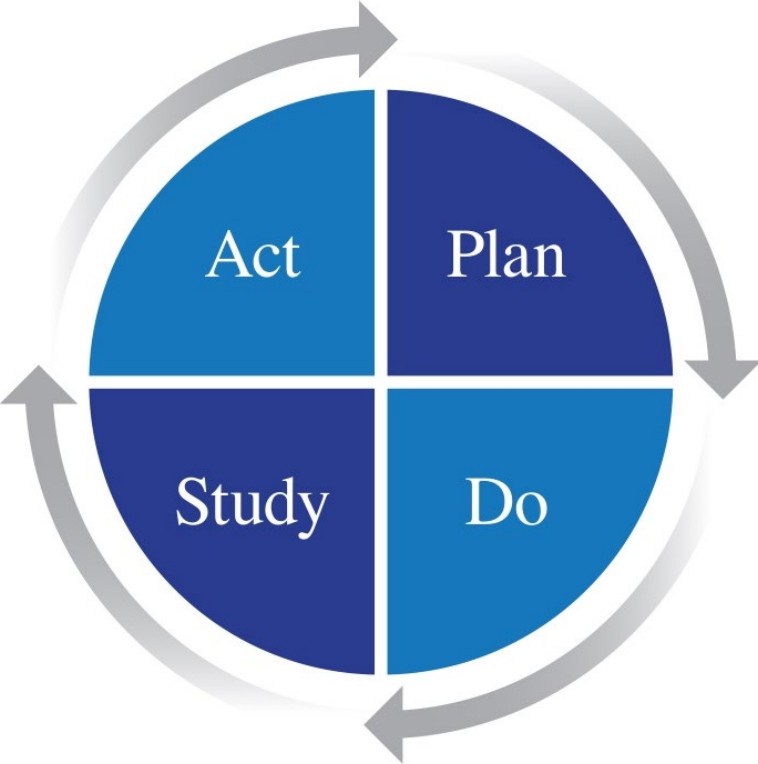
We deployed numerous tactics to meet the needs of the underserved and pivoted up to 85% of UNC Health Alliance staff to mount this population-based response.

Epic-Based Outreach		Community-Based Outreach		Community-Based Vaccinations	
Telephonic Scheduling	Scheduling via Text	Community Registration	Community Scheduling	Mobile Vaccinations	Community Vaccination Partners
<p><b>Robocalls and scheduler outbound calls</b> to patients that do not have an email or mobile phone.</p>	<p><b>Text message</b> with scheduling link, to patients that have a mobile phone.</p>	<p><b>Web-based registration</b> process to allow community partners to serve as registration site. Registered individuals receive email/text/phone call to schedule appointment.</p>	<p><b>Web-based scheduling</b> process that allowed community partners to "schedule" individuals for vaccination using direct scheduling links.</p>	<p><b>Vaccinations</b> provided within historically underserved communities via the UNC Health mobile unit.</p>	<p><b>Vaccine supply transferred</b> to clinical partners providing services within historically underserved areas (i.e. FQHCs, pharmacies in underserved areas).</p>

# Step 3: Analyzed Outreach Tactics through Weekly PDSA Cycles

Improve opportunity for the historically marginalized to get vaccinated

Foundational to our learning organization



## PDSA #1

- Focus on locations with vaccine allocation
- Set up one, new COVER NC phone line

**Logic**

- Limit to zip codes near vaccine sites
- Patients with no MyChart
- Age  $\geq 75$  years
- Oversampled marginalized communities

**Considerations**

- Prioritize scheduling households
- Ask & offer transportation services

**Results**

- Reduced gap in CRI by 6% (5.3% to 6.11%)

## PDSA #2

- New locations with allocation
- Streams: 34% Community Line
- Sites reserved for COVER NC

• Priority level at zip level

• Line sites

•  $\geq 65$  years

• Marginalized communities

• Patients with all communication (text, cell, MyChart, e-mail)

- Limit batches to not exceed appointment supply
- Pace Text & Robocall
- Response time to bulk outreach can take 1+ days

**Results**

- Reduced gap in CRI by 25% (6.1% to 8.2%)

## PDSA #3

- Allocation
- List and existing COVER NC

• In age and demographics and us

• Poverty Level census tracts

• Demographics proximal to sites

• Existing and expanded

**Results**

- C line inundated by non-target audience

# One Year of COVID-19 Vaccines from UNC Health's Mobile Unit

**Mobile Unit**  
one example  
of several tactics  
to deliver  
vaccines equitably



**Total Events:** 43



**Counties Visited:** 6

## COVID-19 & FLU

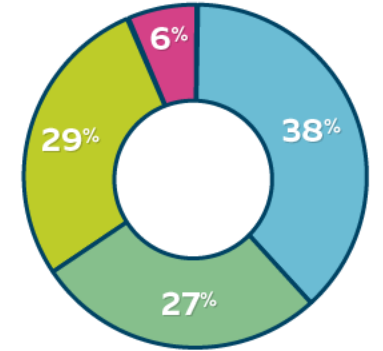
**Vaccines Administered:**  
4,140

**Patients Vaccinated:**  
2,489

## PATIENTS SERVED

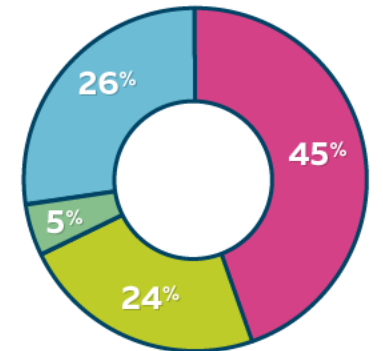
### Racial Demographics

- Black/African American: 1581
- Hispanic or Latino: 1141
- White: 1159
- Other, non-Hispanic: 259



### Financial Class

- Self-Pay/Medicaid pending: 1,111
- Medicare: 580
- Medicaid: 140
- Commercial (including SHP): 658

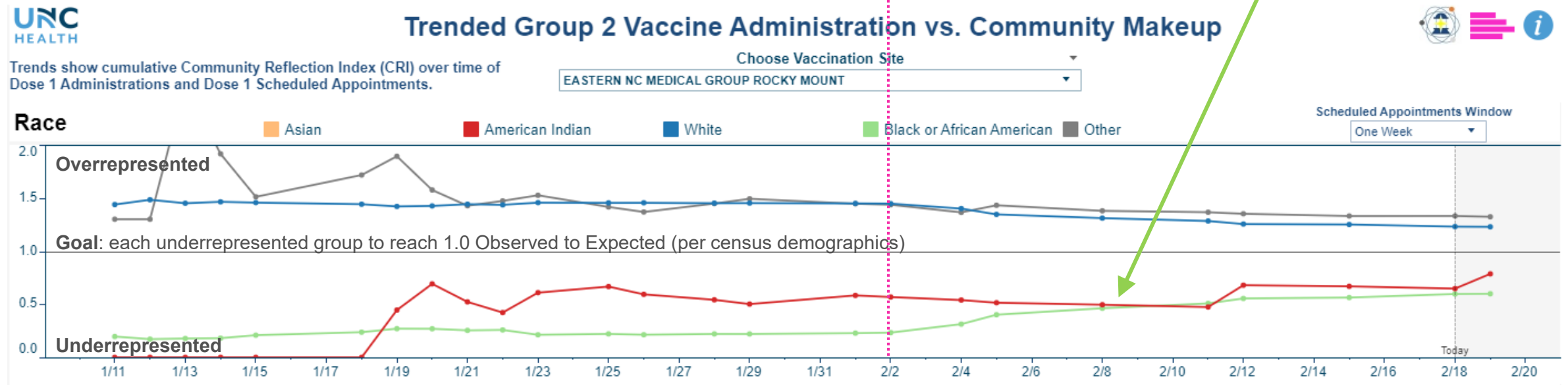


# Step 4: Monitored vaccine administration as a reflection of our community

## 1/25-2/16 Outreach Campaign by method for one rural hub

COVER NC Outreach Campaign begins to Eastern North Carolinians for one rural vaccine hub

Note the 0.37 improvement in vaccination rate among Black residents from baseline: 0.23 CRI on 2/2/21 - 0.6 CRI on 2/18/21

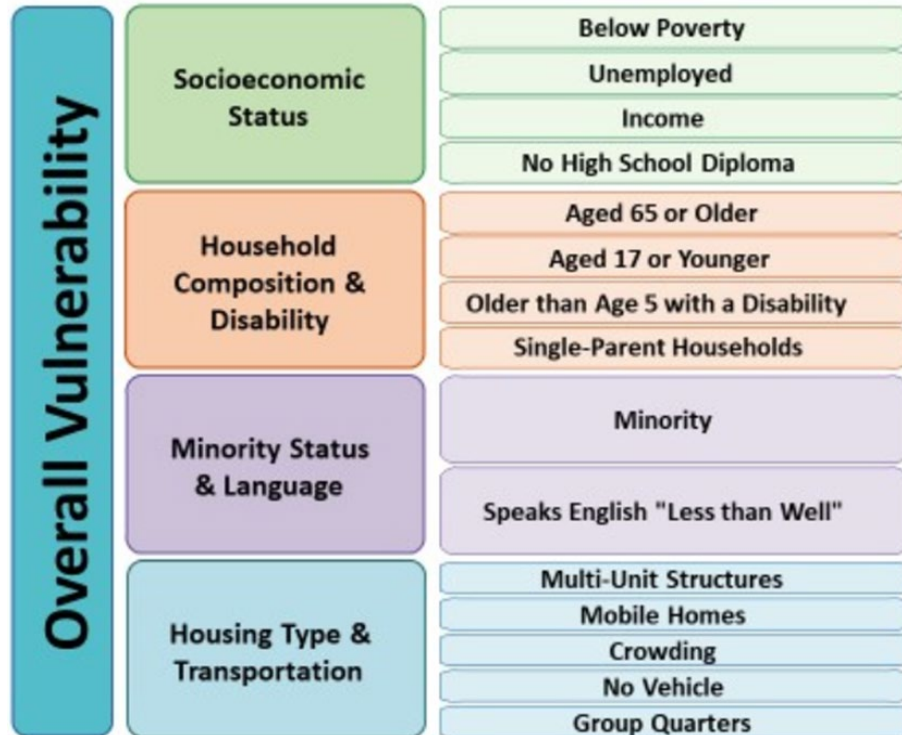


The same methodology was applied to other demographics and REaL elements (ethnicity and gender) as needed across vaccine hubs.

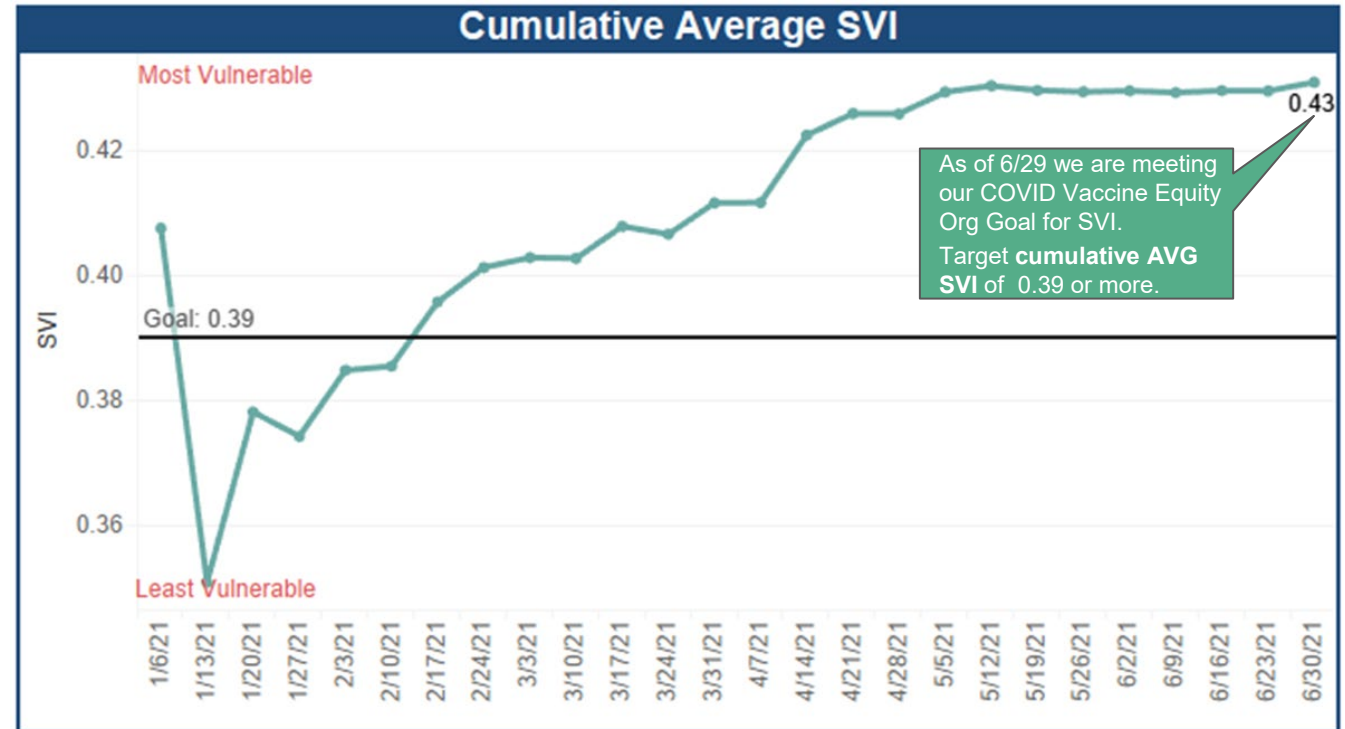
# Step 5: Deployed more comprehensive measures of vulnerability

## Using the CDC Social Vulnerability Index (SVI) to focus on each patient

### SVI 15 Social Factors



- Each County and census tract is ranked from 0 to 1 (1 = most vulnerable) – each patient assigned a SVI
- We are asking ourselves, are we reaching vulnerable patients within the communities that we serve?



- This includes both internal & external vaccinations
- Successful in achieving our goals through entities' relationships and other efforts to work in partnership with communities

# Results: Improved vaccine administration as a reflection of our community

## The Community Reflection Index (CRI) Pre and Post COVER NC

Pre-COVER NC (All ages)  
1/1/21-1/31/21

UNC HEALTH EPIC@UNC (All)					
Demographic Type	Demographic	Dose 1 Administrations	% of Dose 1 Administrations	% of Community	Community Reflection Index
Race	American Indian	42	0.13%	0.41%	0.32
	Asian	853	2.04%	3.90%	0.52
	Black or African American	1,741	5.44%	20.46%	0.27
	Other	608	1.80%	4.54%	0.42
	White	28,947	90.40%	70.69%	1.28
Gender	Female	19,167	58.55%	52.35%	1.08
	Male	14,724	43.45%	47.65%	0.91
Ethnicity	Hispanic	387	1.23%	7.93%	0.19
	Non-Hispanic	31,052	98.77%	92.07%	1.07

COVER NC (All ages)  
2/1/21 - 7/13/21

UNC HEALTH EPIC@UNC (All)					
Demographic Type	Demographic	Dose 1 Administrations	% of Dose 1 Administrations	% of Community	Community Reflection Index
Race	American Indian	303	0.26%	0.41%	0.62
	Asian	8,682	7.41%	3.90%	1.90
	Black or African American	18,948	16.17%	20.46%	0.79
	Other	8,718	7.44%	4.54%	1.64
	White	80,495	68.71%	70.69%	0.97
Gender	Female	63,493	53.77%	52.35%	1.03
	Male	54,594	46.23%	47.65%	0.97
Ethnicity	Hispanic	8,363	7.15%	7.93%	0.90
	Non-Hispanic	108,601	92.85%	92.07%	1.01

The closer the CRI is to 1.0, the truer our vaccine delivery reflects our community

COVER-NC (65 yo+)  
2/1/21 - 7/13/21

UNC HEALTH EPIC@UNC (≥ 65 y/o)					
Demographic Type	Demographic	Dose 1 Administrations	% of Dose 1 Administrations	% of Community	Community Reflection Index
Race	American Indian	47	0.19%	0.31%	0.63
	Asian	618	2.54%	1.96%	1.30
	Black or African American	4,853	19.98%	16.71%	1.20
	Other	691	2.84%	1.22%	2.33
	White	18,080	74.44%	79.81%	0.93
Gender	Female	14,173	57.76%	56.68%	1.02
	Male	10,364	42.24%	43.32%	0.98
Ethnicity	Hispanic	588	2.43%	2.09%	1.16
	Non-Hispanic	23,597	97.57%	97.91%	1.00

**Overrepresented (Community Reflection Index > 1)**

- Black race (120% of expected)
- Asian race (130% of expected)
- Hispanic ethnicity (116% of expected)

**Underrepresented (Community Reflection Index < 1)**

- White race (93% of expected)
- American Indian race (63% of expected)

>1 = over-represented population < 1 = under-represented population

# Learnings and Next Steps

## Using data to focus on other health inequities

## Collecting REaL Data

This process is to be followed whenever registering a patient that has a Race, Ethnicity or Language (REaL) category that is blank or identified as 'unknown'.

**NOTE:** Patients have the right to refuse answering these questions. If a patient declines to answer, please document 'Patient Refused' within Epic and proceed with the rest of the intake process.

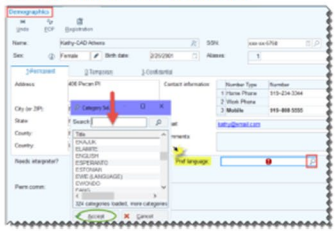
Start by providing Patients with the rationale for why this information is being collected:	"Health care needs are different for each individual. I would like to ask you a few questions about your race, ethnicity and language."
<b>R</b>	Ask about Race: "Which category or categories best describe your race?" <i>NOTE: Start with open ended question but provide categories, if needed</i>
<b>E</b>	Ask about Ethnicity: "Do you consider yourself Hispanic or Latino?"
<b>a</b>	
<b>L</b>	Ask about Language: "What language do you feel most comfortable speaking?"

**Collecting Race & Ethnicity Data in Epic**

1. Navigate to **General Information** section in the Registration Wizard.
2. Using the look-up tool select the response(s) given by the patient and click **Accept**.

**Collecting Language Data in Epic**

1. Navigate to the **preferred language** field on the **Demographics** screen.
2. Using the look-up tool select the response given by the patient and click **Accept**.



**Additional response if patient asks why we are asking this information:**

"We collect race and ethnicity information to help us know our patients better. We can better meet the needs of the communities that we serve if we know more about our patients, their culture and their language."

**REaL Data Collection**  
 is one example of several tactics to deliver vaccines equitably

- **Lessons Learned:**
  - New equity lens applied to the work we do
  - REaL data requires ongoing focus
  - Transportation and access close to home are critical
  
- **UNC Health Alliance continues to:**
  - Leverage the use of Race Ethnicity and Language (REaL), Community Reflection Index (CRI), and Social Vulnerability Index (SVI) to identify and close disparities in quality, access, safety and patient experience
  - Facilitate the development of a comprehensive system-wide strategy for the care of Spanish speaking patients
  - Apply new data assets within population health interventions and quality improvement effort
  - In partnership with the Office of Health Equity and entities, build upon the experience of COVID to develop lasting community health interventions

