



Welcome to the Nov 2022 NCIC Membership Meeting!

Meeting Coordinators :
Dawn Wilson, PharmD
Brandon Young, PhD

Agenda

Topic	Presenter	Time
Welcome	Dawn Wilson	
Opening and NCIC Update	NCIC Executive Committee	12:00 – 12:10
Vaccine Hesitancy	Tara McGheeWalker MSN, RN-BC Director, Teammate Health at Atrium Health	12:10– 12:40
DHHS	Scott Coleman <i>Communications Manager</i> Lucy Sutter, MPH <i>Immunization Compliance Data Manager</i> Jenny Myers, MPH <i>Continuous Improvement and Data Analytics Manager</i>	12:40 – 12:55
Closing and Adjourn	Brandon Young	12:55 – 1:00

NC Immunization Coalition UPDATES

Vaccinate Your Family Message-

Blog Post - <https://shotofprevention.com/2022/11/01/were-worried-about-this-flu-season-heres-why/>

image link :

<https://pbs.twimg.com/media/FggFE0kWQAALgam?format=jpg&name=large>

Calendar year 2023 NCIC strategic focus:

- Bimonthly meetings for coalition members
- HPV task force
- New task force – resources for hard to reach populations in NC

FLU SEASON IS OFF TO AN ALARMING START.

- !! Flu hospitalizations are the highest they've been at this time of the season in 10 YEARS.
- !! Children under 4 and adults over 65 are at the highest risk of hospitalization.
- !! The first pediatric flu death of the season has already been reported.

IT'S NOT TOO LATE TO GET YOUR FLU SHOT.



#NotJustTheFlu #FightFlu

Steering Committee Delegates

- ▶ Amparo Acosta
- ▶ Chris Weathington
- ▶ Christopher Carr
- ▶ Doranna Anderson
- ▶ Josh McDuffie
- ▶ Karin Szymanski
- ▶ Laura Edwards
- ▶ Lauren Porter
- ▶ Leanne Bailey
- ▶ Dawn Wilson
- ▶ Megan Witkowski
- ▶ Queen Degraphenreid
- ▶ Rachel Houston
- ▶ Scott Coleman
- ▶ Steven Gunn
- ▶ Tammy Woods
- ▶ Brandon Young
- ▶ Brett Lown

Vaccine Hesitancy: Community Immunity

Tara McGhee MSN, RN-BC

Director, Teammate Health
Atrium Health





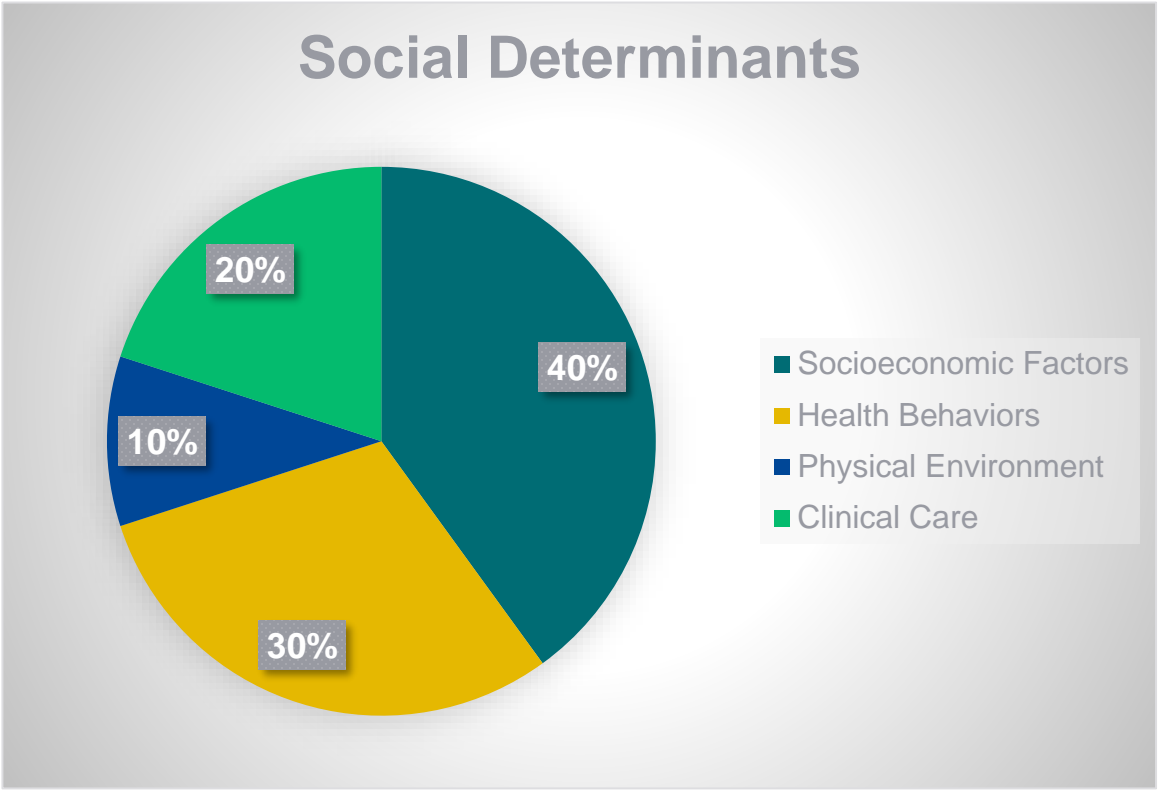
Using Technology to Reach the Vulnerable

COVID and Flu Vaccination Initiative

Tara McGee-Walker MSN, RN-BC
Director, Teammate Health

Know What Affects Healthcare

A comfort zone is a beautiful place, but nothing ever grows there.



[Healthy People - Healthy People 2020 \(cdc.gov\)](https://www.cdc.gov/healthypeople/healthy-people-2020/)

Solutions Prior to COVID-19

Targeted Focus on Health Screenings, Primary Care Lite, BH, Dental, Health & Nutrition Education, & Lifestyle Management



OCHA Mobile Unit

- Supported by Atrium Health, Novant and Mecklenburg County Public Health
- Addressing access needs in “The Crescent”
- Regularly serve 16 sites on a monthly basis and community events



WOW Mobile Unit

- Joint effort between Atrium Health and YMCA of Greater Charlotte
- Launched January 2019
- Regularly serve 16 sites on a monthly basis and community events
- 200 community members seen via the mobile unit*

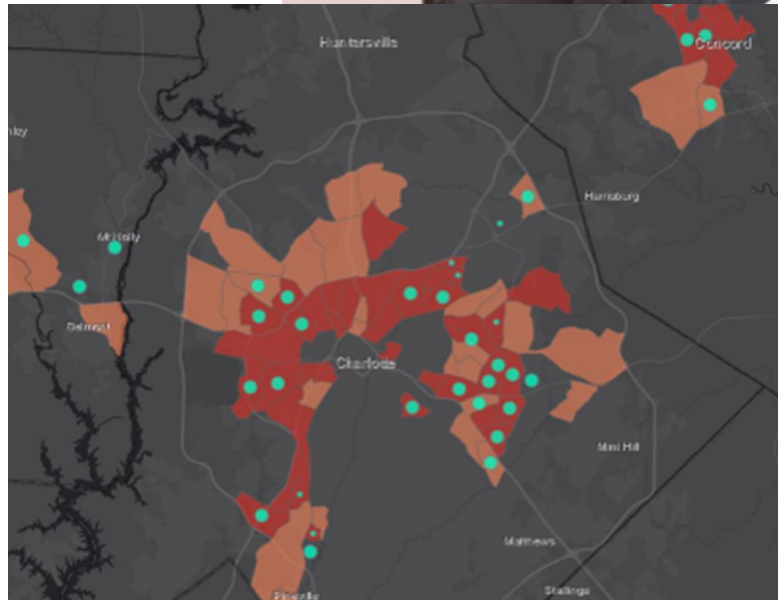
Virtual Behavioral Health Primary Integration

- Telemedicine
- Teleconsultation
- Telemonitoring
- Teleconferencing
- Telecommunication

We Identified a Problem and Started Seeking Solutions

Atrium Health identified a significant barrier to COVID-19 testing and vaccination

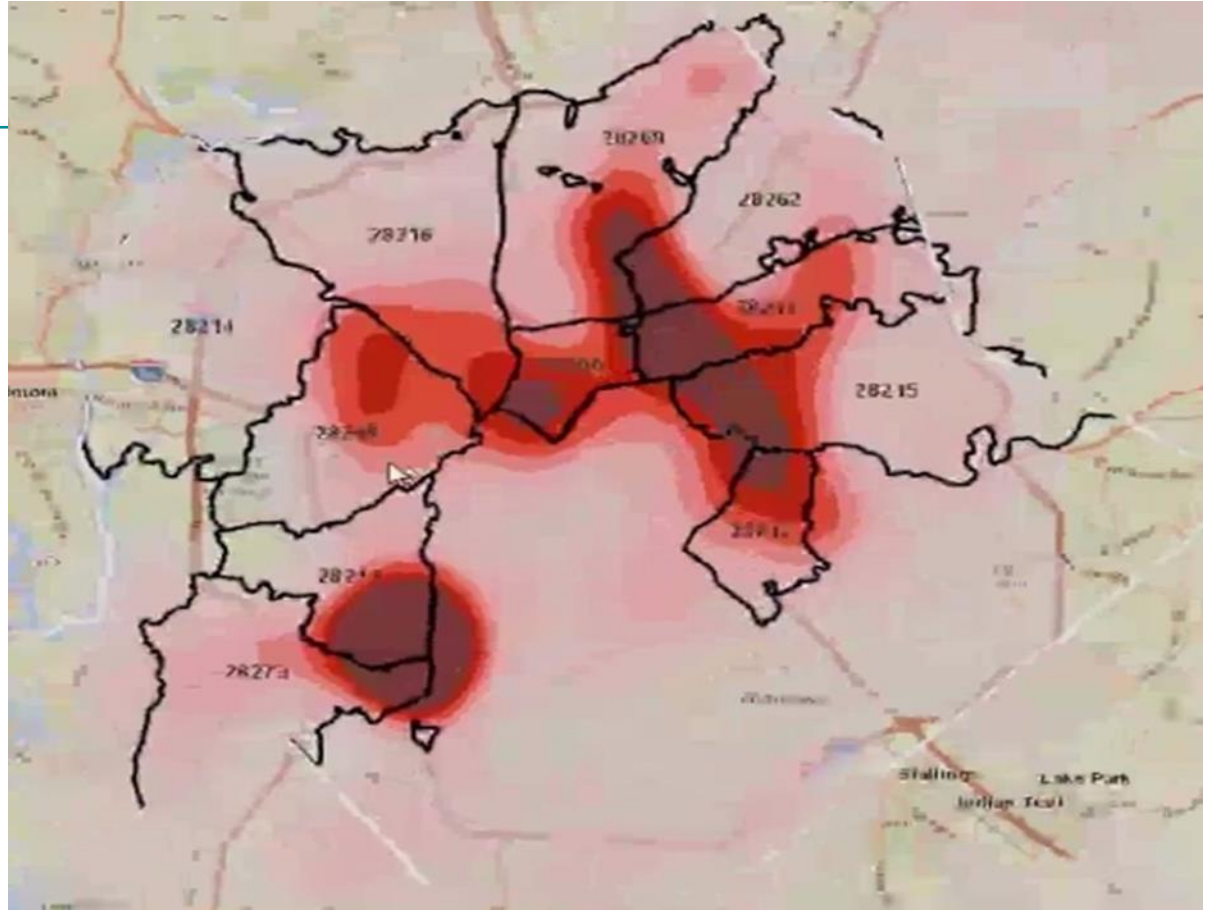
- Access
 - Lack of use and availability of technology
 - Lack of transportation to testing and vaccination sites
 - Lack of vehicle access
 - Lack of sites close to public transportation



GIS Technology to Track COVID-19 Hotspots

Interactive 2017 CHIS Social Determinants of Health GIS Story Map

- Interactive
- 10-county region
- COVID-19 tracking at the neighborhood level
- Index summarizing indicators into a single variable



The interactive 2017 CHIS Social Determinants of Health GIS Story Map is available at: <http://tinyurl.com/SDH-Story-Map>

Atrium Health Mobile Centers

Meeting the community where they are...

COVID-19 Testing

- The clinics provide community-based coronavirus (COVID-19) testing focused on those with limited access to healthcare

Community Resources

- Atrium Health healthcare professionals provide social determinants of health screening and offer onsite social work consultation and intervention

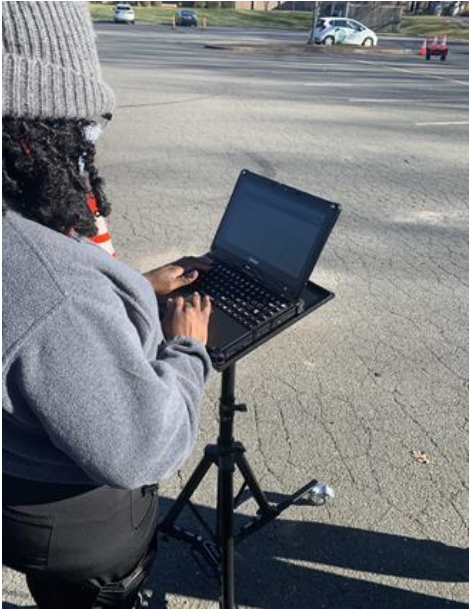
Immunizations

- To help families have more convenient and safe options to get their flu vaccine, the Atrium Health Coronavirus Testing Centers extended their services to include influenza and COVID-19 vaccinations



Implementation of Real-time Documentation Protected Community's Trust in Atrium Health

Each clinical teammate equipped with tablet, MiFi and Harness



Right Teammate, Providing the Right Care, at the Right Time

Condensed PREPARE TOOL

Community Resource Hub leveraged by MSW onsite

*Performed on: 06/01/2021 12:27 EDT By: MCGEAWALKER, TARA

Social Work Screening


**** (Ask Privately) ** If you have a partner at home, do you feel safe with them?** Yes No

Do you have a safe place to go to separate yourself to prevent spreading the infection? Yes No

Is someone else in your home positive? Yes No

Interpreter Name: _____

*Refer any needs to the on-site social worker



Cleaning supplies bundle
Over the counter medications
COVID Hotel

Carolina HealthCare System

Sign Up Log In Support

Zip or keyword or program name

FOOD HOUSING GOODS TRANSPORT HEALTH MONEY CARE EDUCATION WORK LEGAL

Charlotte, NC (28209) / food / emergency food (11)

Program Filters Personal Filters Income Eligibility

Open Hours: Open Now Open Late Open Early Open Weekends Open 24 Hours

Cost: Free Reduced Cost

Program communicates in:

Filter Search

Map: Charlotte

Serves your local area

Loaves & Fishes - Groceries for Neighbors in Need

by Loaves & Fishes

Send to a Friend Save to Favorites

1.22 miles away 2701 Park Road, Charlotte, NC, 28209 (Get Directions) Open Now: 10:00 AM - 01:00 PM

What: emergency food, food pantry
Who: anyone in need, all ages

Next Steps	Description	Hours & Location	My Notes
<input type="checkbox"/>	Go to the program's website to get more info.		
<input type="checkbox"/>	Call 704-523-4333 to get more info.		
<input type="checkbox"/>	Connect: Tell them you're interested or refer someone else.		

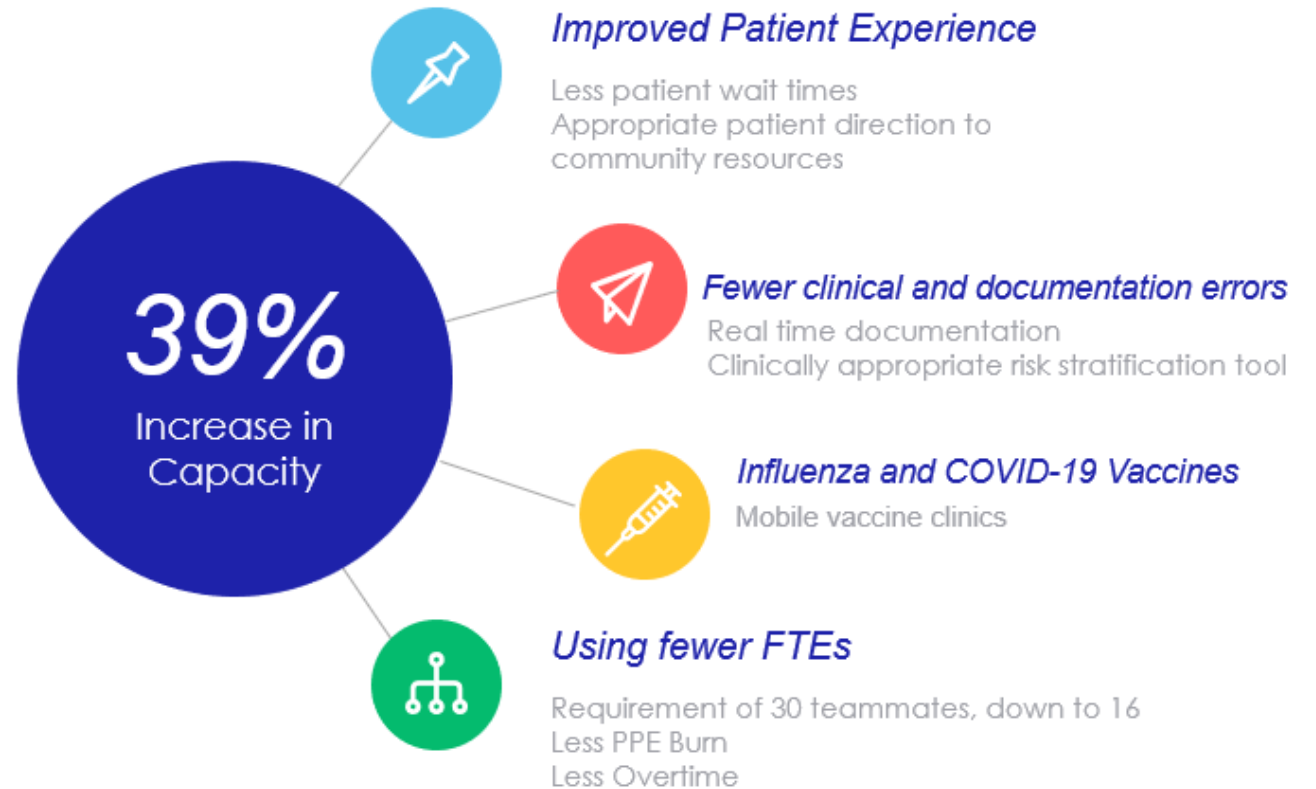
Edit or Claim

Connect

Mobile Center Optimization

High Volume Mobile Centers

- Two Mobile – Roving Units, 1 Fixed Unit
- Atrium Health was one of the only health systems in the nation using Geographical Information Systems (GIS) data for placement of our mobile centers
- Walk-up/Drive-up Clinics removed the requirement of an appointment. We vaccinated until we ran out of time or vaccine!





“Start where you are. Use what you have. Do what you can.”

Arthur Ashe

Get Informed

Get Uncomfortable

Get Inspired

Get Activated

NCDHHS Update

Flu Campaign

Bivalent COVID booster uptake

Updated numbers on vaccine uptake for influenza

Scott Coleman

Communications Manager

Lucy Sutter, MPH

Immunization Compliance Data Manager

Jenny Myers, MPH

Continuous Improvement and Data Analytics Manager



2022-23 FLU VACCINATION CAMPAIGN LAUNCH

“DON’T LET THE FLU STOP YOU THIS WINTER, GET YOUR FLU SHOT”

- **Goals:**
 - Inform people of the health risks associated with the seasonal flu
 - The benefits of annual vaccination, and
 - Encourage annual flu vaccination across the state
- [MySpot.nc.gov/flu](https://mySpot.nc.gov/flu) has the latest resources, guidance, answers to frequently asked questions, sharable materials and a [new PSA](#).
- Vaccines are often available at little to no cost at pharmacies, local health departments, doctor offices and other providers throughout the state.
- North Carolinians can visit vaccinefinder.org to find flu vaccines at nearby convenient locations.

Don't let the flu stop you this winter. Get your flu shot.

[Versión en Español](#) →

Doctors recommend that everyone ages 6 months and older get their annual flu shot. Flu vaccines are available at little to no cost at providers across the state.

Zip Code

[Find a flu vaccine](#) →

People should get their flu vaccine early to build up immunity before the virus becomes widespread in late fall and winter.

[I'm looking for COVID-19 vaccines](#)



2022-23 FLU VACCINATION CAMPAIGN

Campaign includes:

- Press release went out Oct. 6 announcing launch
- [MySpot.nc.gov/flu](https://myspot.nc.gov/flu) webpage tying resources together
- vaccinefinder.org to find flu vaccines at nearby convenient locations
- Radio ads in English and Spanish
- Digital ads for web and social media platforms in English and Spanish
- [Video message](#) encouraging vaccination from State Health Director Elizabeth Tilson, M.D., MPH

**2022-23 FLU
VACCINATION**

**FAMILY-
FOCUSED**

**CAMPAIGN
THEME**

Don't let the
flu stop you.



**2022-23 FLU
VACCINATION**

**GENERAL
POPULATION
49 PLUS**

**CAMPAIGN
THEME**

Stay healthier
this fall.



**2022-23 FLU
VACCINATION**

**PREGNANT,
EXPECTING
PARENTS**

**CAMPAIGN
THEME**

Healthy parents.





Annual Immunization Reporting

NCIC Meeting, November 2022

Overview of Annual Immunization Reporting

- [North Carolina General Statute 130A-155](#) mandates annual reporting on the immunization status of childcare, K-12, college and university students. Both public and private schools must report. Information on homeschooled students is not collected.
- Reports reflect the immunization status of students 30 calendar days after the first day of attendance. After this date, students without proper documentation should be excluded from school.
- Information collected includes up-to-date and exemption status (religious and medical), including vaccine specific information. Data is collected for anyone in childcare, kindergarten, 7th or 12th grade and for new enrollees to college/university.
- Kindergarten data is submitted to CDC in a yearly PAPA report. This data is available on their SchoolVaxView tool and is published annually in an MMWR report.

North Carolina Law Requirements

North Carolina General Statute 130A-155:

- No child shall attend a school (pre K-12), whether public, private or religious, unless a certificate of immunization indicating that the child has received the immunizations required by [G.S. 130A-152](#) is presented to the school or facility. Anyone who is not age-appropriately vaccinated on the first day of attendance shall have 30 calendar days to obtain the required immunizations. Upon termination of 30 calendar days, the child shall be excluded from child care unless the required immunizations have been obtained.
- All child care facilities shall maintain on file immunization records for all children attending the facility which contain the information required for a certificate of immunization as specified in [G.S. 130A-154](#). These certificates shall be open to inspection by the Department and the local health department during normal business hours.
- The facility shall file an annual immunization report with the Department yearly. The report shall be filed on forms prepared by the Department and shall state the number of children attending the school or facility, the number of children who had not obtained the required immunization within 30 days of their first attendance, the number of children who received a medical exemption and the number of children who received a religious exemption.

NC Allowed Exemptions to Immunizations

Medical Exemption

- G.S.130A-156. Medical exemption.
- The Commission for Public Health shall adopt by rule medical contraindications to immunizations required by G.S. 130A-152. If a **physician licensed to practice medicine in this State** certifies that a required immunization is or may be detrimental to a person's health due to the presence of one of the contraindications adopted by the Commission, the person is not required to receive the specified immunization as long as the contraindication persists. The State Health Director may, upon request by a physician licensed to practice medicine in this State, grant a medical exemption to a required immunization for a contraindication not on the list adopted by the Commission.
- Can be for all or some vaccines, does not need to be renewed.

Religious Exemption

- G.S.130A-157. Religious exemption
- If the bona fide religious beliefs of an adult or the parent, guardian or person in loco parentis of a child are contrary to the immunization requirements contained in this Part, the adult or the child shall be exempt from the requirements. Upon submission of a written statement of the bona fide religious beliefs and opposition to the immunization requirements, the person may attend the college, university, school or facility without presenting a certificate of immunization.
- There is no form for requesting religious exemptions in North Carolina. To claim a religious exemption, the parent or person requesting the exemption must write a statement of their religious objection to immunization, including the name and date of birth of the person for whom the exemption is being requested. Statements of religious objection to immunization do not need to be notarized, signed by a religious leader, or prepared by an attorney. They do not need to be submitted to the state for review or approval.

Highlights of N.C. Rules and Laws

- **Responsibility for Enforcement**
 - School principals and child care operators are responsible for enforcing state immunization laws for school entry.
 - The school or child care facility must notify the parent(s), guardian or person in loco parentis that they have 30 calendar days from the first day of attendance to present the required up-to-date immunization record for the child. If the child's immunizations are not up to date, the required immunizations must be obtained within the same 30 day period.
 - At the end of the 30 calendar day period, any child without a Certificate of Immunization showing that the child has received the required vaccines shall be prohibited from attending school or child care until he/she provides a Certificate of Immunization as required by law or shows that he/she has begun the immunization process.
- **When Immunizations are "In Process"**
 - Children who have begun a series of immunizations, but have not completed the series due to the need to meet minimum intervals between doses, are considered in process and may attend school.
- **School Records**
 - The school is required to maintain immunization records which contain information required for a Certificate of Immunization for all children attending the school. The school should keep a separate listing of students having medical or religious exemptions. These children may be excluded from attending school in the event of an outbreak.
 - When a record of immunization cannot be provided, the student must be revaccinated at an age-appropriate, accelerated schedule to the minimum requirement by law.
 - G.S. 130-155(b) requires North Carolina schools, upon request, to send a copy of the child's immunization record at no charge to the student's new school. The former school shall forward a child's immunization record regardless of status of fees owed to the school.

Reporting cycle

Time period	Activity	Output
September	Release reports to childcare/school/colleges and universities	Memos emailed/ mailed Surveys go live on Alchemer
November-December	Reporting window closed	Raw datasets
January-March	Data cleaning and analysis	Clean datasets, summary statistics
April	CDC School Coverage report	CDC PAPA report due 4/30
May-September	Create summary reports and disseminate to LHDs, schools, media Update surveys and memos for current year on paper and Alchemer	Summaries for childcare, school, college In depth data as requested Updated surveys and memos
Year Round	Respond to data requests Provide guidance to schools, childcare facilities, colleges Update immunization.nc.gov website Conduct trainings	

How does a school report?

Save and continue later ▾

2022-2023 Annual NC K-12 Health Assessment Report and Immunization Report

Kindergarten Immunization Summary

3a-d. Kindergarten Immunization Summary

You reported that you have **20 total kindergartners**. Your totaled sum for 3a + 3b + 3c + 3d should equal 20.

NUMBERS REPORTED BELOW SHOULD BE BASED ON CALENDAR DAY 30 FOLLOWING THE FIRST DAY OF ATTENDANCE.*

3a. How many students had a valid **medical exemption (ME)** on file?

*Enter the number of students enrolled in kindergarten with a valid medical exemption to one or more of the required vaccines. Please refer to G.S. 130A-156 for more information. **

3b. How many students had a valid **religious exemption (RE)** on file?

*Enter the number of students enrolled in Kindergarten with a valid religious exemption to one or more of the required vaccines **

3c. How many students **had obtained** the required immunizations for school entry?

*Enter the number of students that had obtained (received) the required immunizations for school entry within 30 calendar days. This includes students with documentation of proof of immunity to measles, mumps, rubella, and/or varicella. Do NOT include students with a medical or religious exemption. Documentation of proof of immunity includes laboratory confirmation of a protective antibody titer against measles, mumps, rubella, or varicella or documentation from a physician, nurse practitioner, or physician's assistant verifying history of measles or varicella. More information at <https://immunization.dph.ncdhhs.gov/schools/k-12.htm> **

3d. How many students **had not** obtained the required immunizations for school entry?

*Enter the number of students that had not obtained (received) the required immunizations for school entry within 30 calendar days. This includes students with no immunization record on file as well as students missing documentation for one or more of the required vaccines. Do NOT include students with a medical or religious exemption. Do not include students with documentation of proof of immunity to measles, mumps, rubella, and/or varicella. **

Please note, for the following questions, if there are no students to report on, type "0" in the appropriate text box.

2020-2022 Annual Immunization Report Data

School Year	Total Reported	Medical Exemptions	Religious Exemptions	Not Up to Date by 11/30/21	In Process
Childcare					
2020/2021	95,230	0.9%	0.9%	2.4%	4.4%
2021/2022	100,433	0.4%	0.9%	2.9%	4.9%
Kindergarten					
2020/2021	107,700	0.1%	1.4%	4.3%	
2021/2022	92,834	0.1%	1.8%	2.7%	--
Seventh Grade					
2020/2021	124,630	0.1%	1.4%	9.6%	
2021/2022	100,250	0.1%	1.5%	4.6%	--
Twelfth Grade					
2020/2021	99,698	0.8%	1.1%	9.9%	
2021/2022	82,695	0.1%	1.7%	6.8%	--

DPH example report



Annual Kindergarten Immunization Report Summary, 2020-2021

- Current reports include county level, by school type and school specific reports
- Delinquent (non-reporting) schools have not been reported in recent years, planning to relaunch this report to encourage more comprehensive follow up

Reporting Details:

- ❖ Data included in this summary is reported directly by individual schools and is not validated by the North Carolina Immunization Branch.
- ❖ Public, private, and religious schools shall file an annual immunization report with the Department by November 1 per N.C. G.S. 130A-155(c), with an extension to February 1 per Executive Order 172.
- ❖ Per N.C. G.S. 130A-155(c), schools must report the following information:
 - The number of children attending the school or facility;
 - The number of children who had not obtained the required immunizations within 30 days of their first attendance;
 - The number of children who received a medical exemption (ME) as defined by N.C. G.S. 130A-156;
 - The number of children who received a religious exemption (RE) as defined by N.C. G.S. 130A-157.

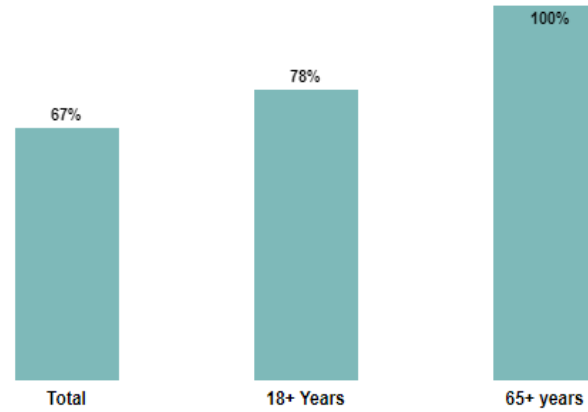
County and School Type	Total Kindergarten Enrollment	ME (%)	RE (%)	Had not obtained the required immunizations by 12/30/20 (%)
Alamance	1,859	0.1%	0.6%	2.1%
Charter/Lab	259	0.0%	0.4%	0.8%
Private	171	0.0%	2.9%	0.0%
Public	1,429	0.1%	0.3%	2.6%
Alexander	279	0.0%	0.4%	1.1%
Public	279	0.0%	0.4%	1.1%
Alleghany	97	0.0%	1.0%	0.0%
Public	97	0.0%	1.0%	0.0%
Anson	219	0.5%	0.0%	3.2%
Public	219	0.5%	0.0%	3.2%
Ashe	188	1.1%	0.5%	0.5%
Public	188	1.1%	0.5%	0.5%

COVID-19 Vaccination Coverage

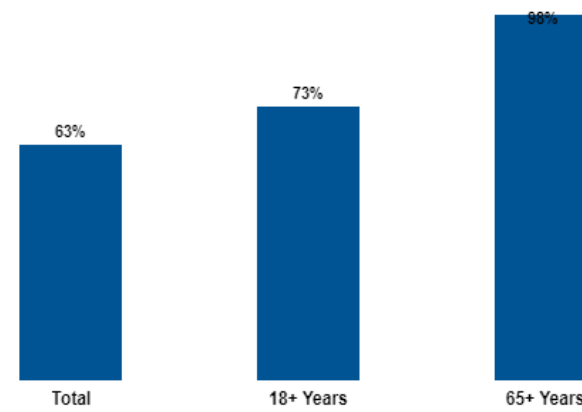
North Carolina COVID-19 Vaccination Overview



Percent of Population Vaccinated with at Least One Dose



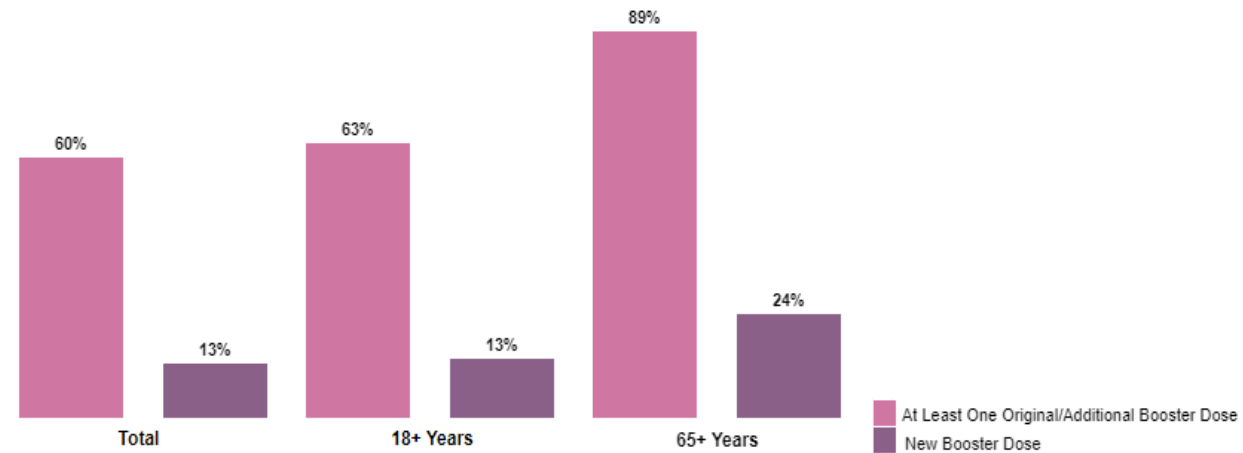
Percent of Population with Initial Series Complete



"Percent of Population with At Least One Dose" is the percentage of the North Carolina population receiving at least one dose of any vaccine.

"Percent of Population with Initial Series Complete" is the percentage of the North Carolina population with an initial series complete, defined as people aged 5 or older vaccinated with two doses of Pfizer or Moderna, adults vaccinated with one dose J&J, or people less than 5 years of age vaccinated with three doses of Pfizer or two doses of Moderna.

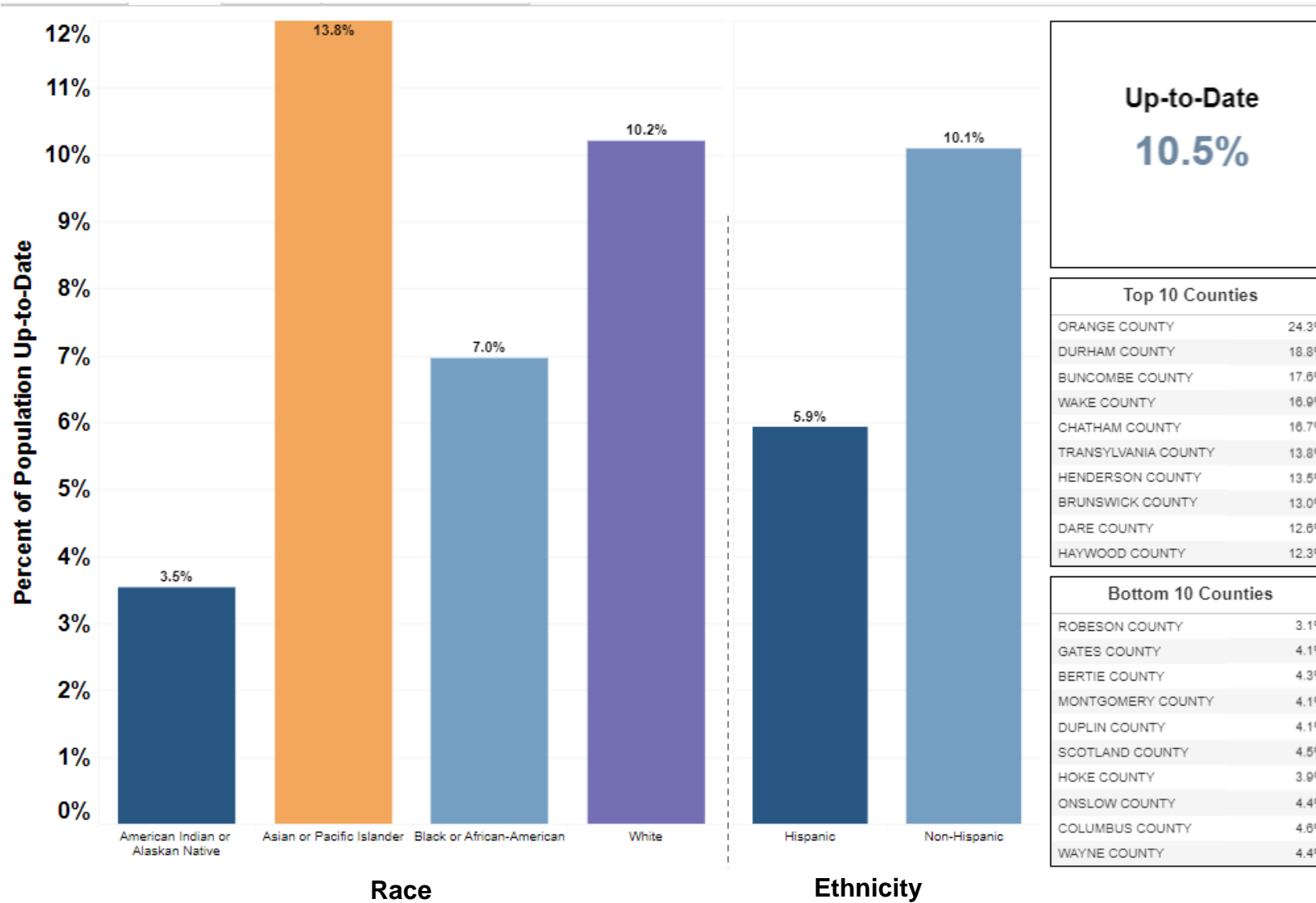
Percent of Vaccinated Population with Booster Dose



Up-to-Date - Breakdown



UTD: If primary series complete and not eligible for a Fall Booster OR if Fall Booster dose received



Up-to-Date
10.5%

Top 10 Counties

ORANGE COUNTY	24.3%
DURHAM COUNTY	18.8%
BUNCOMBE COUNTY	17.6%
WAKE COUNTY	16.9%
CHATHAM COUNTY	16.7%
TRANSYLVANIA COUNTY	13.8%
HENDERSON COUNTY	13.5%
BRUNSWICK COUNTY	13.0%
DARE COUNTY	12.6%
HAYWOOD COUNTY	12.3%

Bottom 10 Counties

ROBESON COUNTY	3.1%
GATES COUNTY	4.1%
BERTIE COUNTY	4.3%
MONTGOMERY COUNTY	4.1%
DUPLIN COUNTY	4.1%
SCOTLAND COUNTY	4.5%
HOKE COUNTY	3.0%
ONSLOW COUNTY	4.4%
COLUMBUS COUNTY	4.6%
WAYNE COUNTY	4.4%

Key Takeaways:

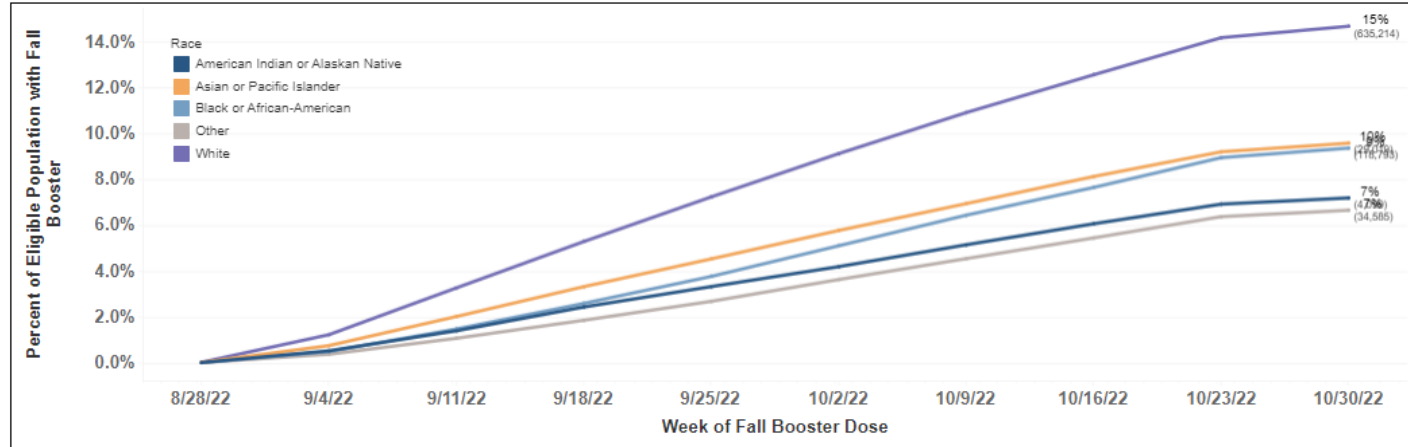
- Most of the State is not 'up-to-date' on their COVID vaccinations – an important reason for Providers to be prepared for the unexpected
- In accordance with the latest CDC guidance, Up-to-Date is based on eligible population receiving a Bivalent booster
- There has been a 2.8% increase in Up-to-Date% since 10/19

Note: Data does *not* include federal entity administrations.



Bivalent Booster Dose - Breakdown

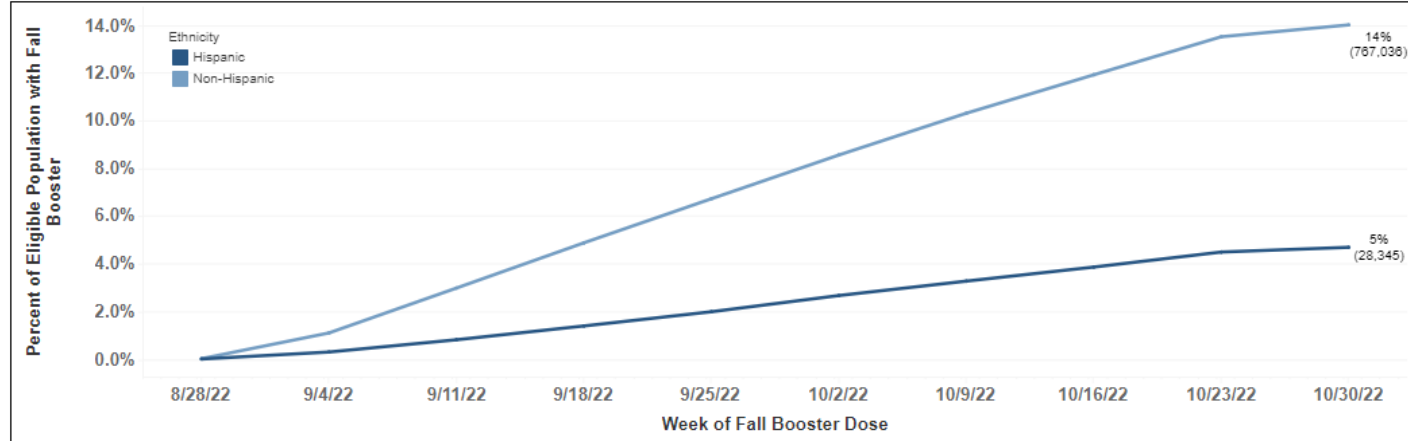
The visual below displays the percentage of individuals who have received a Bivalent Booster dose out of the Bivalent Booster eligible population according to CDC guidelines. Data as of 11/3/2022.



Fall Booster Dose
12.3%
(850,176)

Key Takeaways:

- In terms of coverage, Orange County is performing the best.
- Fall Booster Dose coverage has increased 4.4% since 10/19



Top 10 Counties

ORANGE COUNTY	22.3%
CHATHAM COUNTY	21.1%
BUNCOMBE COUNTY	20.0%
TRANSYLVANIA COUNTY	19.4%
DURHAM COUNTY	19.0%
HENDERSON COUNTY	18.2%
HAYWOOD COUNTY	17.7%
BRUNSWICK COUNTY	17.0%
YANCEY COUNTY	16.9%
CLAY COUNTY	15.8%

Bottom 10 Counties

ROBESON COUNTY	4.5%
BERTIE COUNTY	5.8%
DUPLIN COUNTY	6.5%
SCOTLAND COUNTY	6.6%
HOKE COUNTY	6.4%
RICHMOND COUNTY	6.8%
BLADEN COUNTY	6.8%
LENOIR COUNTY	7.3%
MONTGOMERY COUNTY	7.2%
WAYNE COUNTY	6.5%

Gender	Age Group									Grand Total
	12-17	18-24	25-29	30-39	40-49	50-64	65-74	75+		
Female	5.9%	3.9%	5.9%	7.9%	9.2%	13.1%	22.3%	21.2%		12.7%
Male	5.9%	3.0%	4.5%	6.9%	8.3%	11.7%	21.6%	23.3%		11.8%
Grand Total	5.9%	3.6%	5.4%	7.4%	8.8%	12.4%	22.0%	22.0%		12.3%

Fall Booster %
 3.0% 23.3%

Note: Data does *not* include federal entity administrations.

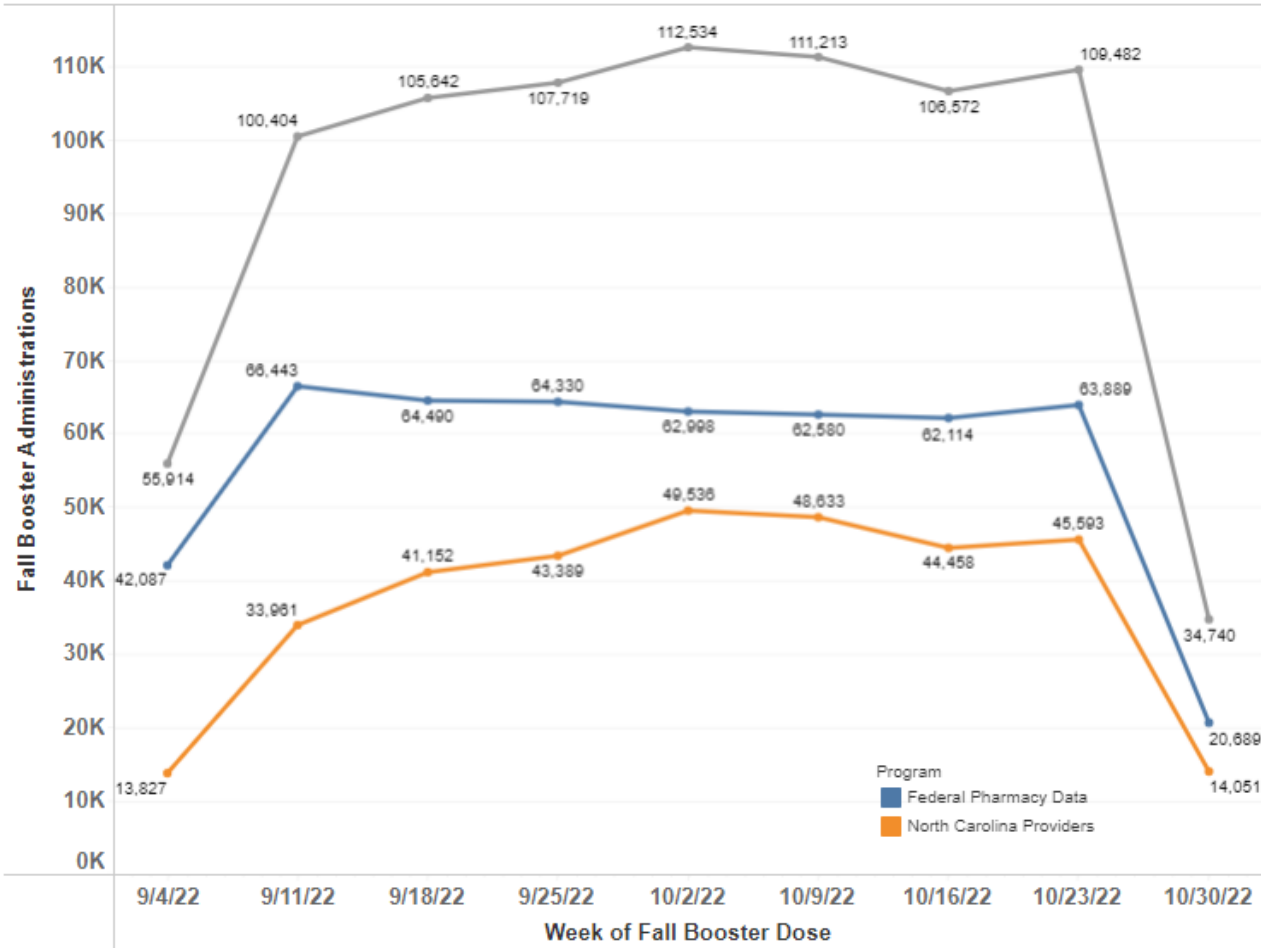
Bivalent Booster Administrations - Breakdown



The visual below displays the percentage of individuals who have received a bivalent booster dose. Data as of 11/3/2022.



Fall Booster Administrations by Program



Administrations
850,176

Provider Counties
99

Unique Providers
2,301

Key Takeaways:

- Camden County has not administered any Bivalent Boosters

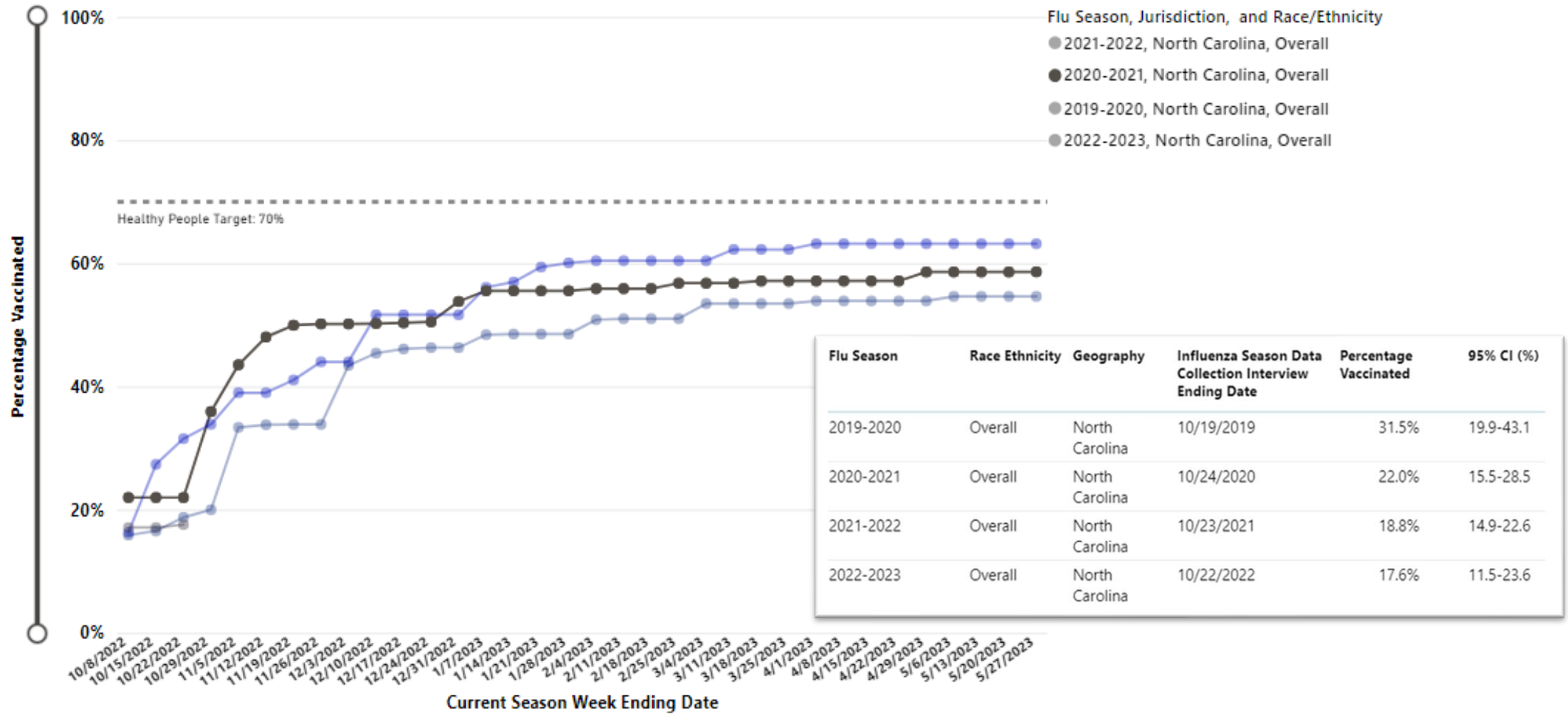
Note: Data does not include federal entity administrations

Influenza Vaccination Coverage

Influenza Vaccination Coverage – North Carolina



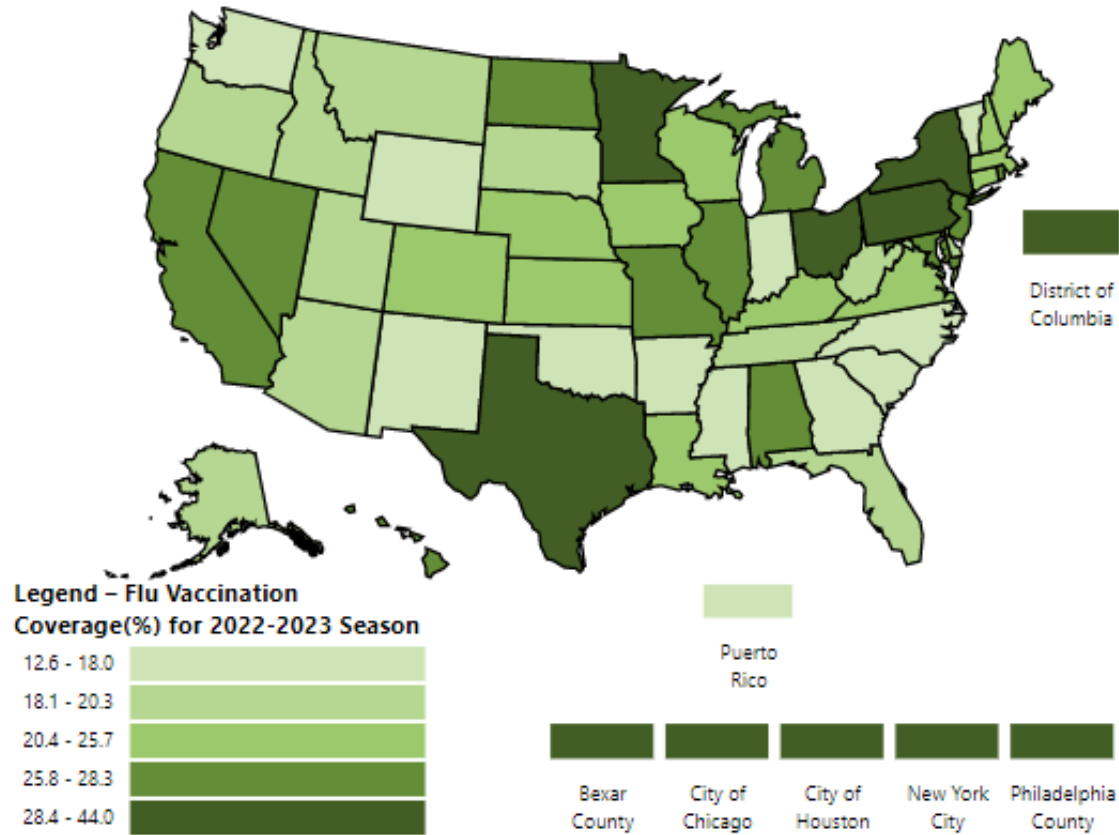
Figure 2A. Weekly Cumulative Influenza Vaccination Coverage*, by Flu Season and Race/Ethnicity, Children 6 Months–17 Years, United States
Data Source: NIS-Flu
Data are current through October 22, 2022



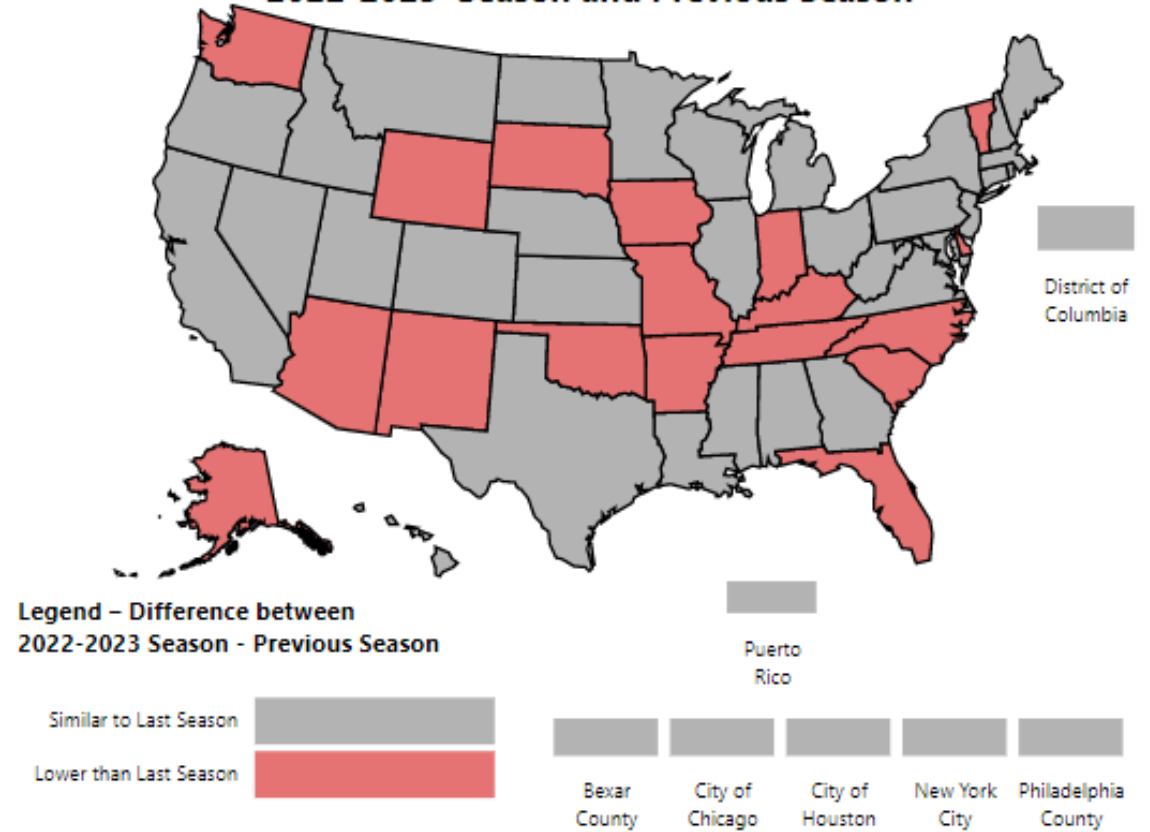
Influenza Vaccination Coverage - Nationwide



Flu Vaccination Coverage for 2022-2023 Season



Difference in Flu Vaccination Coverage between 2022-2023 Season and Previous Season



Closing

- ▶ **Brandon Young, PhD**

▶ **COMING SOON 2023 NCIC meetings!**

- ▶ Find updates on the North Carolina Immunization Coalition webpage at <https://letsimmunizenc.org>