

Beaufort County Health Department Board of Health

November 16, 2021 Meeting

☒ Regular Meeting ☐ Special Meeting

1) Call to Order:

The Beaufort County Board of Health (BOH) meeting was called to order at 6:00pm by Chair, Chris Padgett.

Members Present:

- Chris Padgett, OD and Chair
- Robert Belcher, Member-at-large
- David Howdy, DDS
- Jessica Triche, MD, Physician
- Angela Biggs, PharmD
- Marty Poffenberger, DVM
- Shelia Slade, RN

Members Absent:

- Joe Hooker, Member-at-large
- Hood Richardson, County Commissioner
- Mark Roy, Engineer
- Stewart Ham, Member-at-large

Quorum present

Staff present:

- James Madson, Health Director
- JaNell Octigan, Human Services Planner IV/Preparedness Coordinator
- Sara Graham, Business Officer I

Visitors/Public:

- Gerald Seighman

2) Public Comment:

Chris Padgett asked if there were public comments. Gerald Seighman stated the new County website is difficult to maneuver and the dates for the Board of Health meetings is incorrect. JaNell said she would have it corrected.

3) Old Business:

Approval of September 21, 2021 meeting minutes:

Chris Padgett asked for a motion to approve the minutes from the September 21, 2021 meeting. Motion made by Angela Biggs to approve the minutes as written. Jessica Triche provided a second to the motion which passed with all in favor.

4) New Business:

Board of Health Election of Chair and Vice Chair:

Chris Padgett agreed to continue serving as Chair. He stated with having only two years remaining on his second 9-year term, he would like to come off as chair his last year and just be a regular Board member. David Howdy agreed to continue serving as Vice Chair. Jessica Triche made a motion to re-elect Chris Padgett as Chair and David Howdy as Vice Chair. Robert Belcher made a second to the motion which passed with all Board members in favor which passed with all Board members in favor.

FY 21/22 Budget Amendments:

Budget amendments to be submitted for the December Board of Commissioners meeting:

- \$5,125 Breast and Cervical Cancer Control Prevention

A motion was made by Jessica Triche to accept the budget amendments as presented and a second to the motion was provided by David Howdy. The motion passed with all in favor, and none opposed.

Fee Revisions:

Mr. Madson requested Board retroactively approve five new fees with a retroactive date of October 13, 2021:

CPT Code	Description	Current Fee	Proposed Fee
0004A	Booster COVID-19 Pfizer Vaccine Administration Fee	\$0	\$30
0064A	Booster COVID-19 Moderna Vaccine Administration Fee	\$0	\$30
0034A	Booster COVID-19 J&J Vaccine Administration Fee	\$0	\$30
0071A	1 st Dose COVID-19 Pfizer Vaccine Administration Fee Ages 5-11	\$0	\$20
0072A	2 nd Dose COVID-19 Pfizer Vaccine Administration Fee Ages 5-11	\$0	\$30

Jessica Triche asked if insurance has been covering the vaccine administration and Mr. Madson responded yes and there is never a charge to the client. David Howdy motioned to approve the fees as presented. Angela Biggs provided a second to the motion which passed with all in favor.

5) Financial Reports:

Two financial reports for FY 2021-2022 (as of 10/31/21) were reviewed and discussed with the Board:

1. Revenue:
 - o State 25.6%, Medicaid 20.3%, Fees/Insurance/Other 60.1%
2. Budget \$5,537,573. Expenditures 27.6% to budget (\$1,528,664.73)

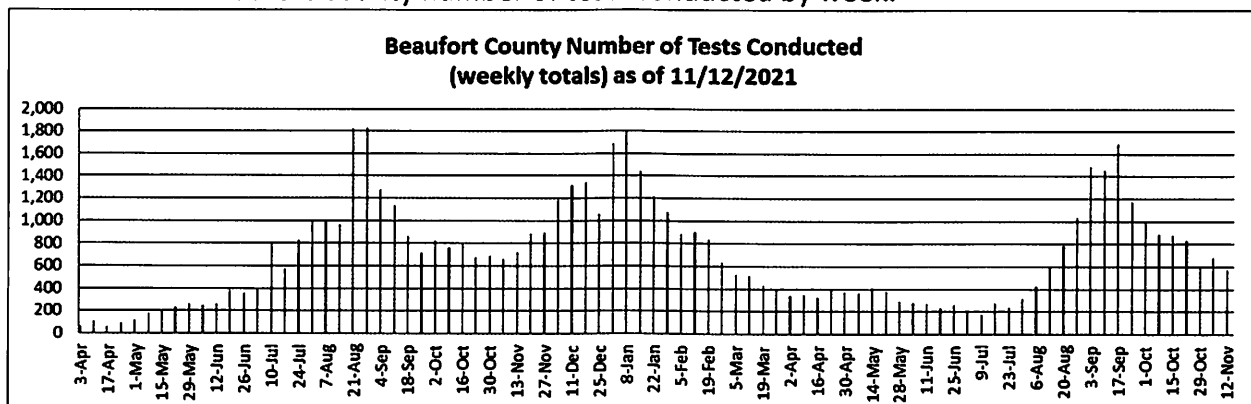
The Board did not have any questions related to the financial reports that were reviewed.

6) Health Director's update:

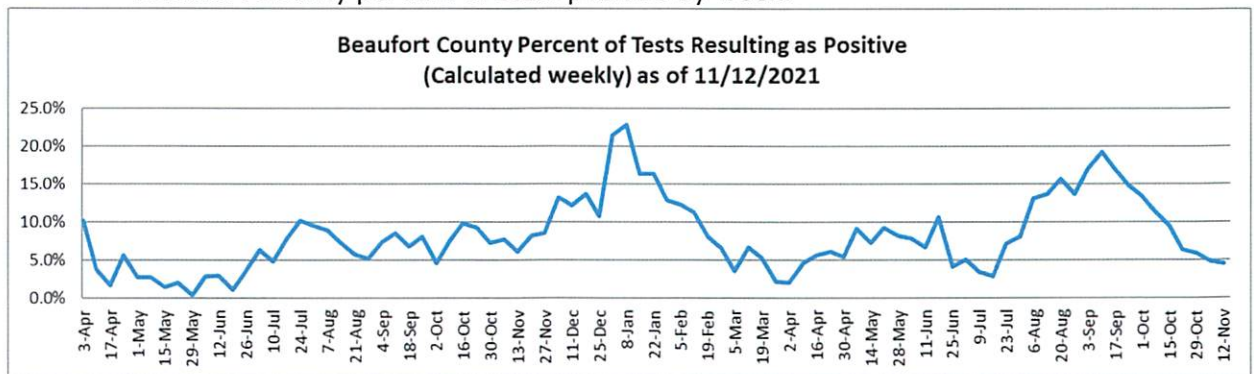
Mr. Madson provided updated statistical information for COVID-19 (slides 12-31).

Information reviewed and discussed included:

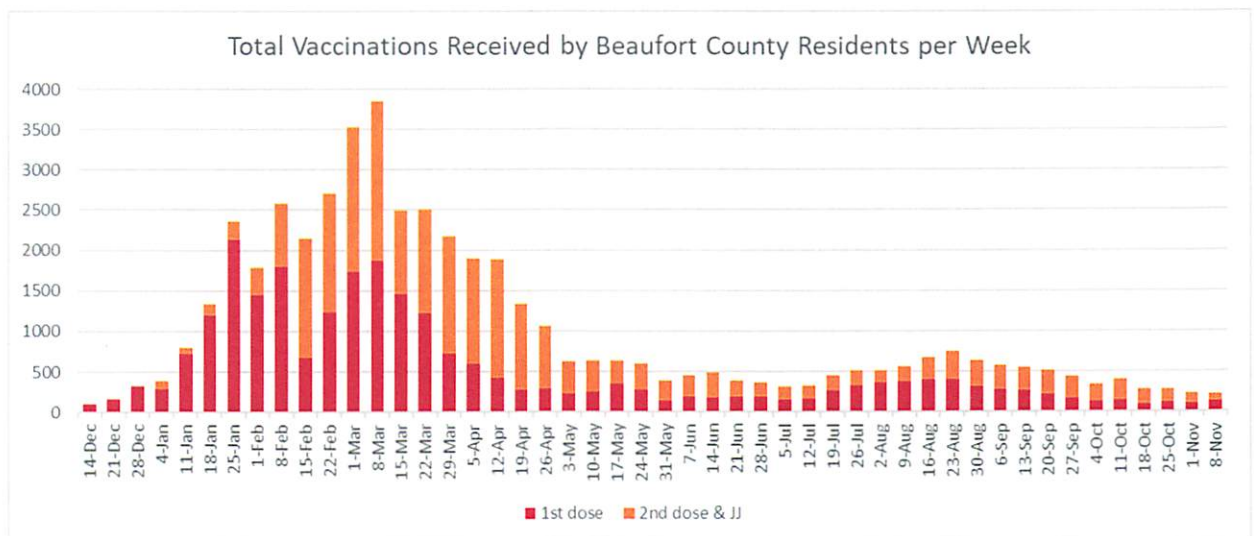
- Beaufort County 7-day average case counts as of 11/16/21
- Beaufort County 7-day average case counts as from 06/01/21 - 11/16/21
- Beaufort County Statistics (slide 14)
 - o 59,6315 tests conducted as of 11/16/21 on Beaufort County residents
 - o 7,475 positive tests
 - o 130 Deaths
 - o 87 active cases
 - o 326 hospitalizations
 - o 52 deaths in long term care facilities
- As of 10/26/21:
 - o 23,557 Beaufort County residents fully vaccinated (50% of population)
 - o 2,661 positive cases BCHD has processed from June 1st to October 26th
 - 362 Vaccinated (14%)
 - 2,299 Unvaccinated (86%)
- Beaufort County number of tests conducted by week:



- Beaufort County percent of tests positive by week:



- Testing Sites 7:30am – 11am @ Health Department and 8am – 5pm @ 810 Hackney Avenue. Both sites testing is conducted by Optum.
- Total Vaccinations:



Robert Belcher asked if a lot of people are losing their vaccination cards and Mr. Madson responded yes. He also inquired on the eligibility for the booster vaccine. Mr. Madson said it is for high-risk individuals at this time, but it is given if requested. Shelia Slade asked if there is a national registry. JaNell responded no, the registry we have is for North Carolina. David Howdy asked if we have started to see any cases of the flu. Mr. Madson stated it is still early for the flu and it usually peaks in late December, early January. There is no current surveillance data.

Tuesday, November 16, 2021		Total
Beaufort County Population (NCSCHS)	47,079	
Residents that are partially vaccinated against COVID-19	25,629	54.4%
Completed COVID-19 vaccine series (all vaccines)	23,978	50.9%
Total Doses administered	49,607	
Population over 65 years of age (NCSCHS)	11,281	
Over 65 that have received first dose of COVID-19 vaccine	10,453	92.7%
Over 65 that have completed series	10,096	89.5%
Adult Population (18 and older)	37,758	
Partially vaccinated	24,587	65.1%
Fully vaccinated	23,146	61.3%
12-17 year olds vaccinated	3,295	
Partially vaccinated	951	28.9%
Fully vaccinated	800	24.3%
5-11 year olds vaccinated	3,604	
Partially vaccinated	64	1.8%
Fully vaccinated	-	0.0%

- Vaccination Information:
 - 5 to 11-year-old EUA for Pfizer
 - Health Department Drive-thru
 - COVID vaccine Moderna, Pfizer, & J&J
 - Times 12:30 to 4:00
 - Monday – 1st and additional doses
 - Tuesday – 2nd
 - Wednesday – Flu
 - Boosters
 - Local Pharmacies and medical offices
 - Mass Vaccine Operations. Mr. Madson discussed the role of EMS staff and their enormous contributions to the process with the Acuity scheduling system and printing information on the forms. Dr. Howdy stated the mass vaccine operations was fantastic and very efficient.
- Additional information provided on antibody development, antibodies, and antibody tests. In addition, there was discussion on the correlation between the severity of COVID related to seroconverting. The CDC does not recommend antibody testing. There is only 1 FDA approved antibody test. Dr. Padgett stated the information provided was very comprehensive.

Mr. Madson concluded with an update on grants the department is applying or has applied for:

- Healthy Beginnings
- Rural Health
- MAT (at the jail to address SUD)

- KBR Substance Abuse: This grant has been received and we are moving forward with setting strategies. We have hired a Program Coordinator and a Community Health Outreach Worker Coordinator.

Mr. Madson discussed Communicable Disease funding through HB 116. It has passed and is included in the state budget awaiting the Governor's approval. Currently, we have one CD Nurse, and the backups are the Supervisor and Nursing Director. This funding will allow us to hire an additional nurse and strengthen our infrastructure.

7) Adjournment of meeting:

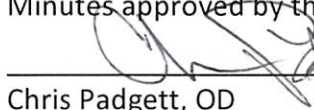
The meeting adjourned at 6:50pm with David Howdy motioning for the meeting to be adjourned and Shelia Slade providing the second to the motion. The motion passed with all in favor. The next meeting is scheduled for January 18, 2022 at 6:00pm.

Minutes recorded by:

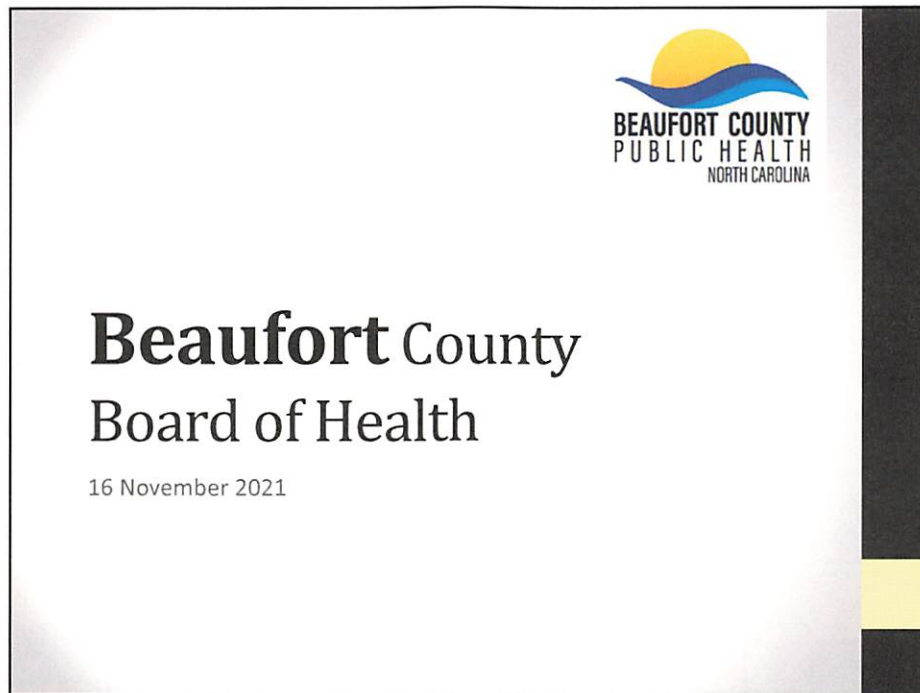


Sara Graham, Business Officer
Beaufort County Health Department

Minutes approved by the Board of Health on January 18, 2022:



Chris Padgett, OD
Board of Health Chair



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Old Business



- ❖ Approve minutes of September 21, 2021

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New Business



- ❖ Officer elections
- ❖ Budget Amendments
- ❖ Fee revisions

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OFFICER ELECTIONS

Chair – Chris Padgett

Vice Chair – David Howdy



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BUDGET AMENDMENTS

FY 22

Budget amendments to be submitted for the December BOCC meeting:

- \$5,125
 - *Breast and Cervical Cancer Control Prevention State Funding*

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Fee Revisions

Retroactive to
October 13, 2021

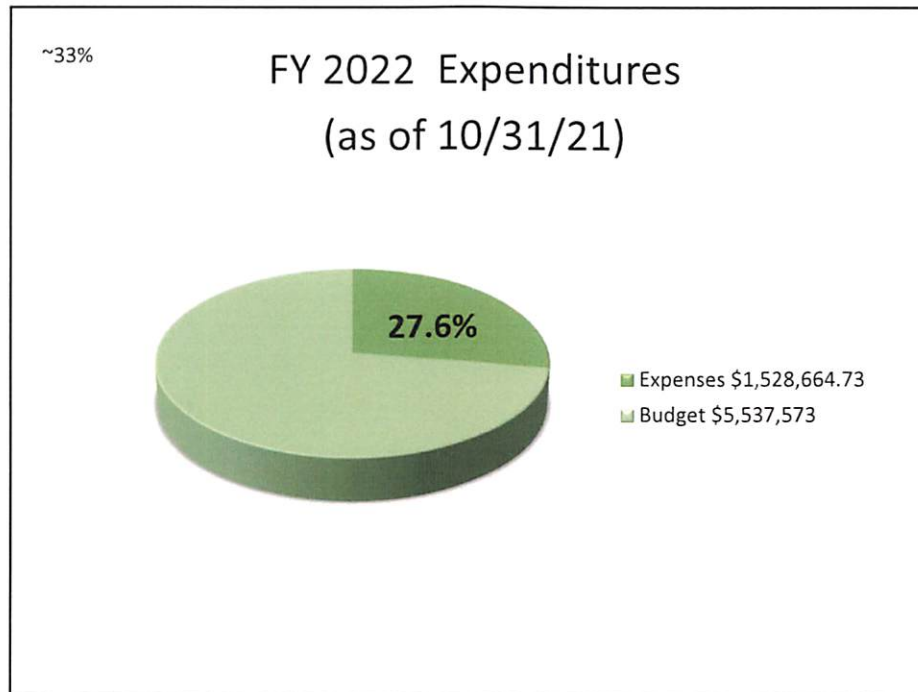
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FINANCIAL REPORT

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FY 2022 Revenue (as of 10/31/21)

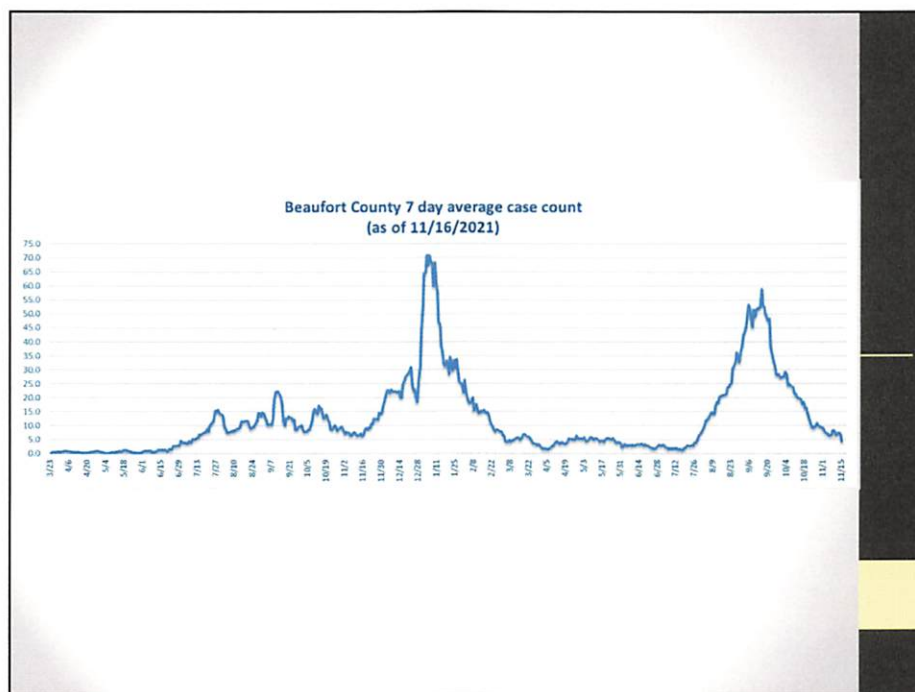
Revenue Source	YTD	Budget	% to Budget
State <i>(includes WIC)</i>	\$487,820.7	\$1,905,681	25.6%
Medicaid	\$136,258.18	\$671,269	20.3%
Fees/Insurance/ Other	\$543,731.84	\$904,590	60.1%

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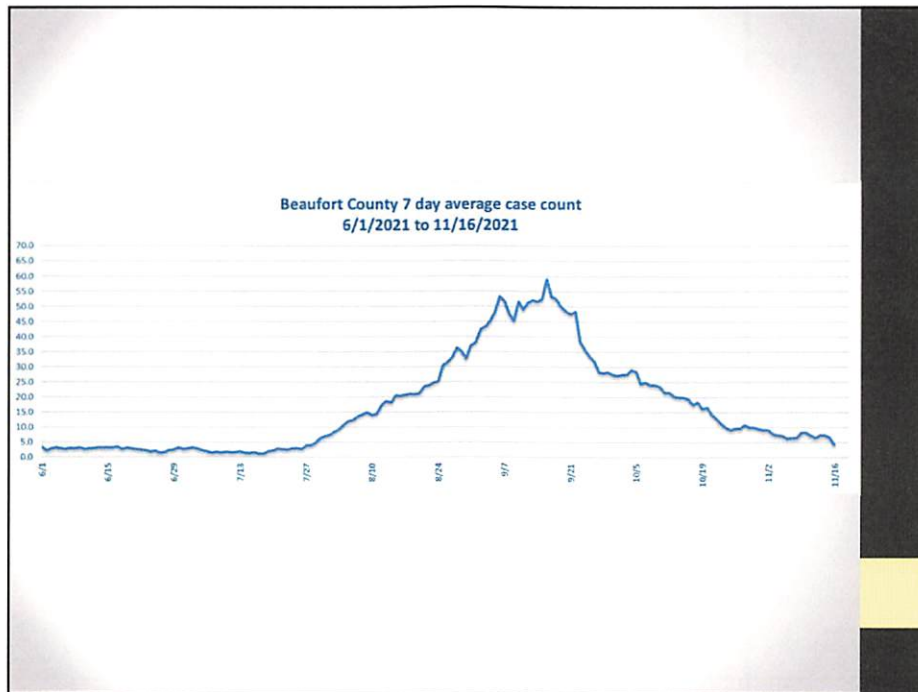
Health Director's Update

- ❖ COVID-19 Update
- ❖ Grants and Funding

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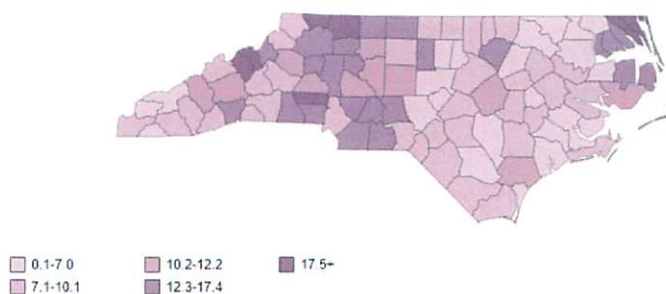
Tuesday, November 16, 2021		
Tests conducted on Beaufort county residents (to date)	59,615	
Total cases (tested positive)	7,475	
Total hospitalizations that have occurred	326	4.4%
Total Deaths*	130	1.7%
Average age of deaths (years)	75.3	
Known active cases currently in the county	87	
Currently hospitalized	-	0.0%
Currently on a ventilator	-	
Total cases recovered	7,258	97.1%
Seven (7) day average case rate	4.3	
Positive cases since June 1, 2021**	2,811	
Breakthrough (positive after completing vaccination)**	398	14%
Deaths* from long term care facilities	52	40%

*Deaths reported through this website have been confirmed through a review of the death certificates. This validation process can sometimes take a long time when a resident passes in another County or State. Other sources may report presumptive totals and therefore will vary with those reported here.

**June 1, 2021 is used as a starting point due to first breakthrough case and start of Delta Variant detected in area.

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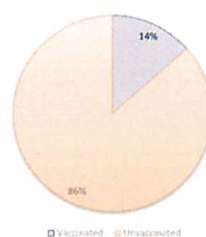
Last 7 days – rate per 10,000 (9.4)



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As of 10/26/2021

- 23,557 BC residents fully vaccinated (50% of our population)
- 2,661 positive cases BCHD has processed from June 1st to October 26th.
 - 362 Vaccinated (14%)
 - 2299 unvaccinated (86%)

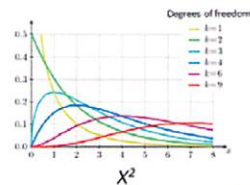


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Chi-Square (2X2)

- A chi-square test is a statistical test used to compare observed results with expected results. The purpose of this test is to determine if a difference between observed data and expected data is due to chance, or if it is due to a relationship between the variables you are studying.

$$\chi^2 = \sum \frac{(O_i - E_i)^2}{E_i}$$



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Chi-square test results

P value and statistical significance:

Chi squared equals 1409.965 with 1 degrees of freedom.
The two-tailed P value is less than 0.0001.

By conventional criteria, this difference is considered to be extremely statistically significant.

The P value answers this question: If the theory that generated the expected values were correct, what is the probability of observing such a large discrepancy (or larger) between observed and expected values? A small P value is evidence that the data are not sampled from the distribution you expected.

Learn more:

[View an example with explanation.](#)

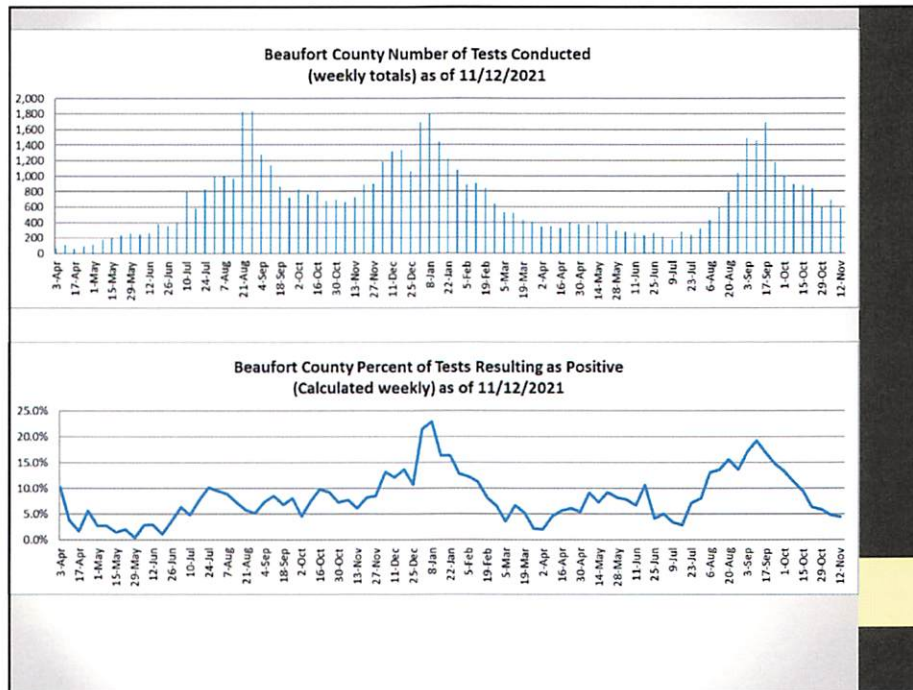
GraphPad's web site includes lots of information to help you learn about data analysis, including how to create and analyze contingency tables.

Do you need to analyze a contingency table, or perform other basic biostatistics tests? Try the free demos of [GraphPad InStat](#) (basic statistics only) and [GraphPad Prism](#) (statistics, nonlinear regression and scientific graphics).

Review your data:

Row #	Category	Observed	Expected #	Expected
1	Vaccinated	362	1330.5	50.000%
2	Unvaccinated	2299	1330.5	50.000%

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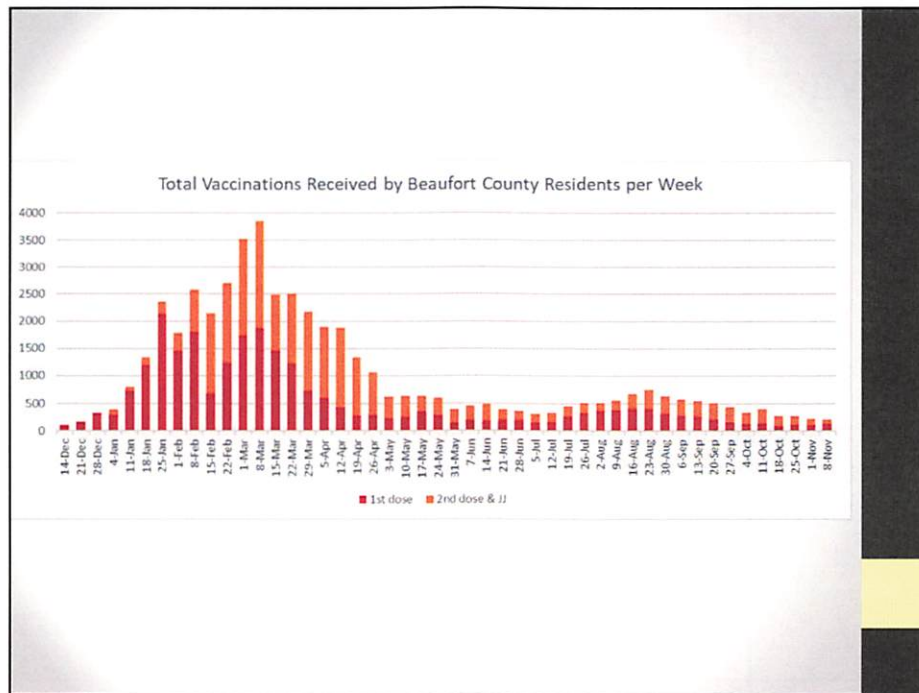


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Test Sites

- Testing done at Health Department every workday from 7:30 to 11:00 (Vendor)
- 810 Hackney Ave, Washington – 8:00 to 5:00 M-F (Vendor)

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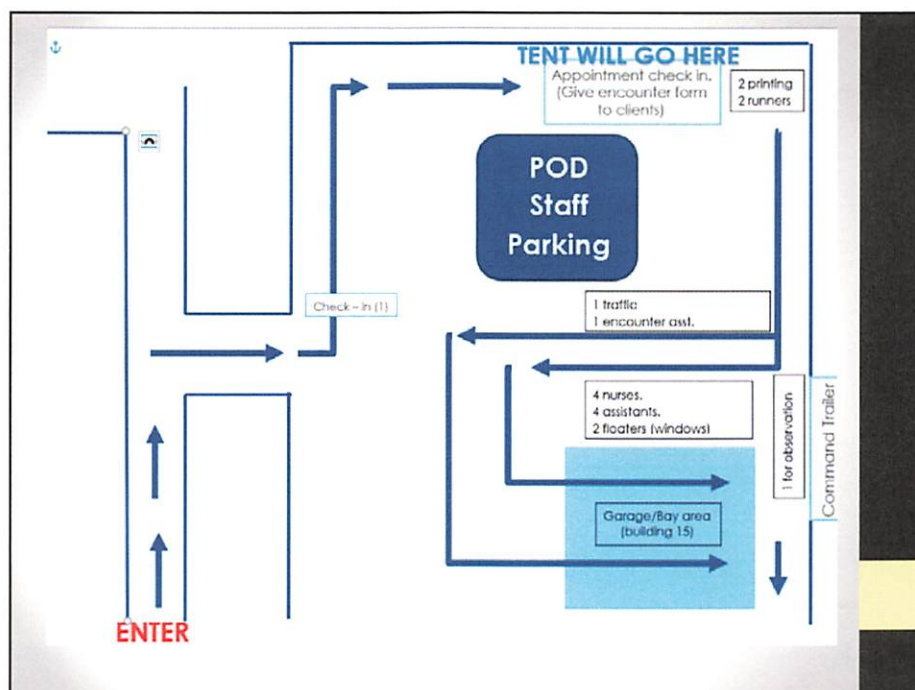
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Vaccine Info

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 - COVID vaccine Moderna, Pfizer, & J&J
 - Times 12:30 to 4:00
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- Boosters
 - Local Pharmacies and medical offices
 - Mass Vaccine Operations

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Immune System

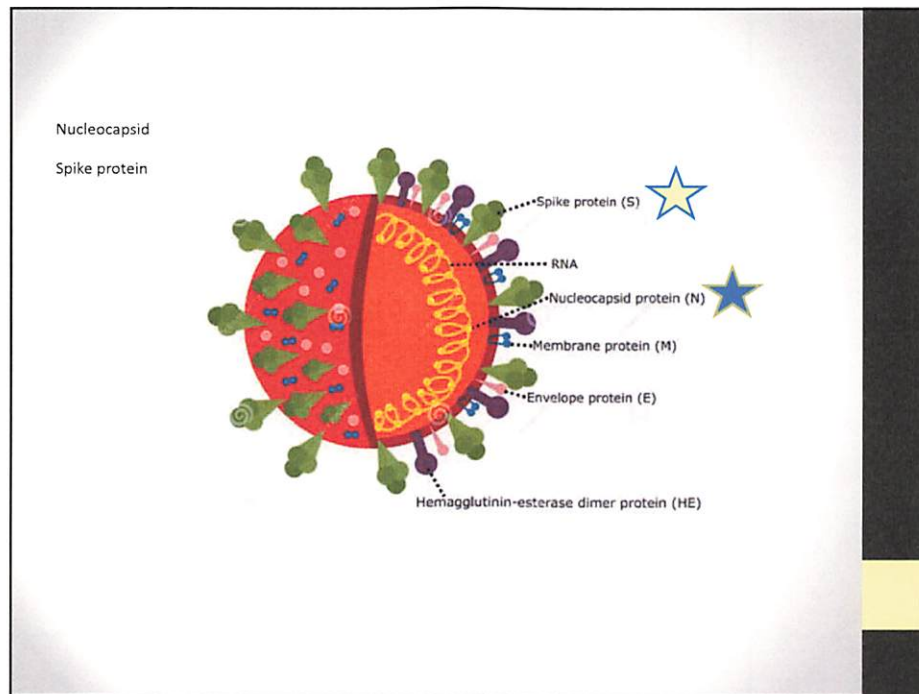
- Mechanical/defense system
 - Skin
 - Enzymes
 - Histamines
 - Mucus
 - Sneezing
 - Fever
 - Phagocytes
- Antibody development
 - Immunoglobulin (5 types ... IgA, IgM and IgG are most tested for)
 - B-cell lymphocytes and memory cells
 - **Seroconversion**

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Not all positive cases will seroconvert

- COVID positive (virus is present)
- COVID Infection/Illness (seroconversion)
 - 63% in one study of hospitalized patients
 - Most likely dose (viral load) is greatest factor to seroconversion

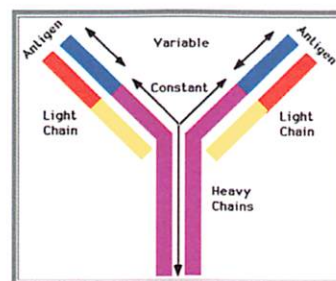
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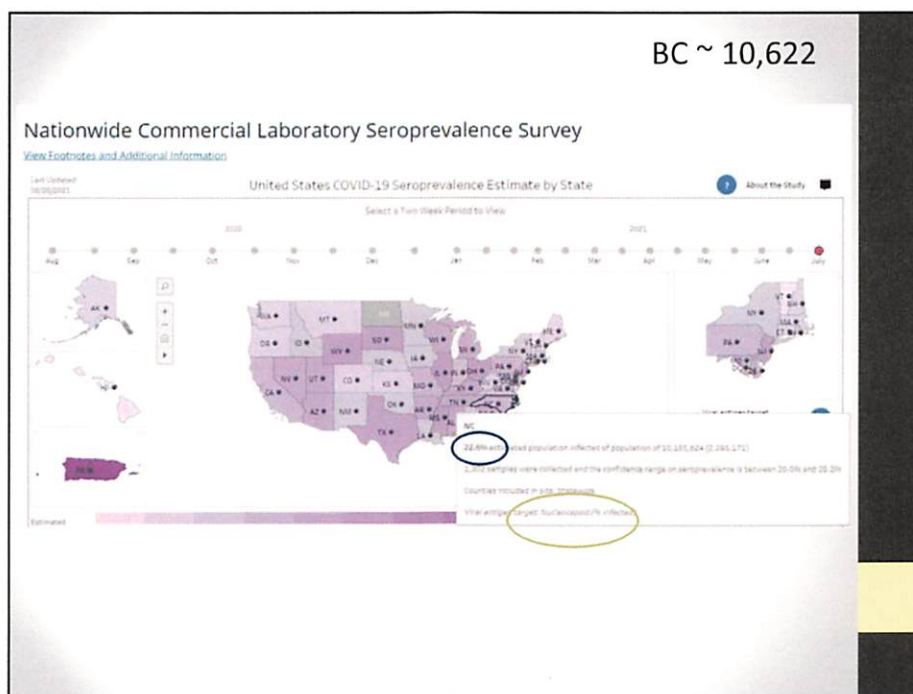
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Currently 89 antibody tests on the market

- Some measure antibodies with Spike protein receptors others measure antibodies with Nucleocapsid receptors



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- Grants
 - Health Beginnings
 - Rural Health
 - MAT
 - KBR – Substance Abuse
- Funding
 - Communicable Disease

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