



# Frederick County Board of Health

## May 23, 2022

- i. **Call to Order** – Dr. Barbara Brookmyer, Health Officer for Frederick County
- ii. **Review of Frederick County COVID-19 Metrics** – Dr. Barbara Brookmyer, Health Officer for Frederick County
- iii. **Presentation of County Health Data**
- iv. **Old Business**
  - a. Approval of Minutes from: [3/3/2022](#)
  - b. Review and discussion of draft [Rules of Procedure](#)
- v. **Vote on proposed procedures** – postponed to next meeting
- vi. **Upcoming Meetings:** October, 2022
- vii. **Adjourn**

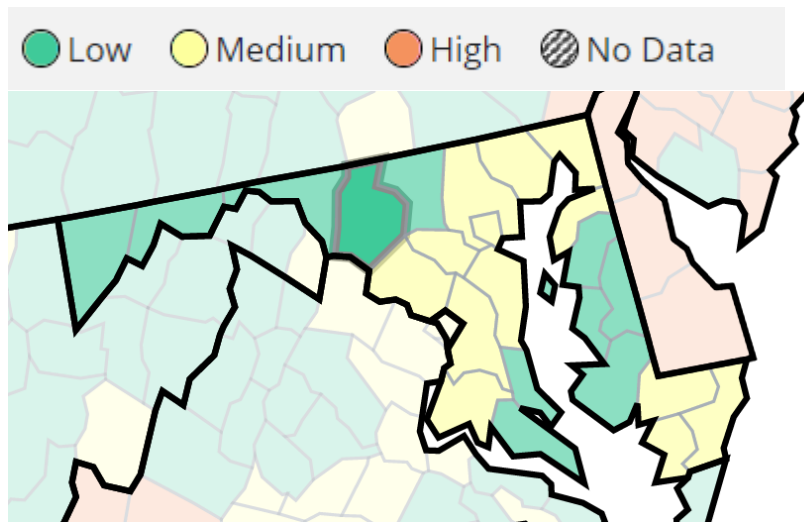


# CDC COVID-19 Levels

## Community Level

General population is instructed to follow this metric. Levels are determined by looking at total number of new COVID-19 cases in an area, hospital beds being used, and hospital admissions. Frederick County is **MEDIUM\***.

- **Action:** stay up to date with COVID-19 vaccines, get tested if you have symptoms

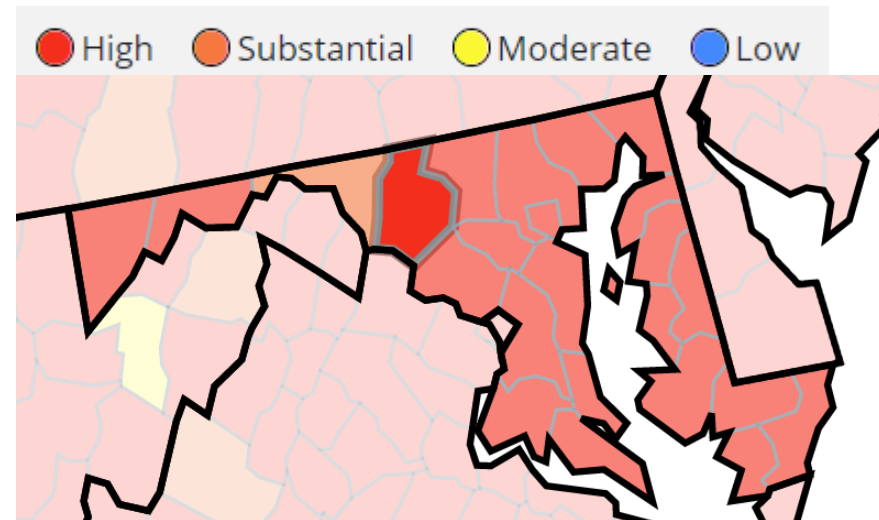


\*CDC data is delayed. Local calculations show Medium.

## Community TRANSMISSION

Hospitals, nursing homes, and healthcare settings are instructed to follow this metric. Frederick County is **HIGH**.

**Action:** Masks (N95) recommended in healthcare settings. Health care facilities required to take precautions.

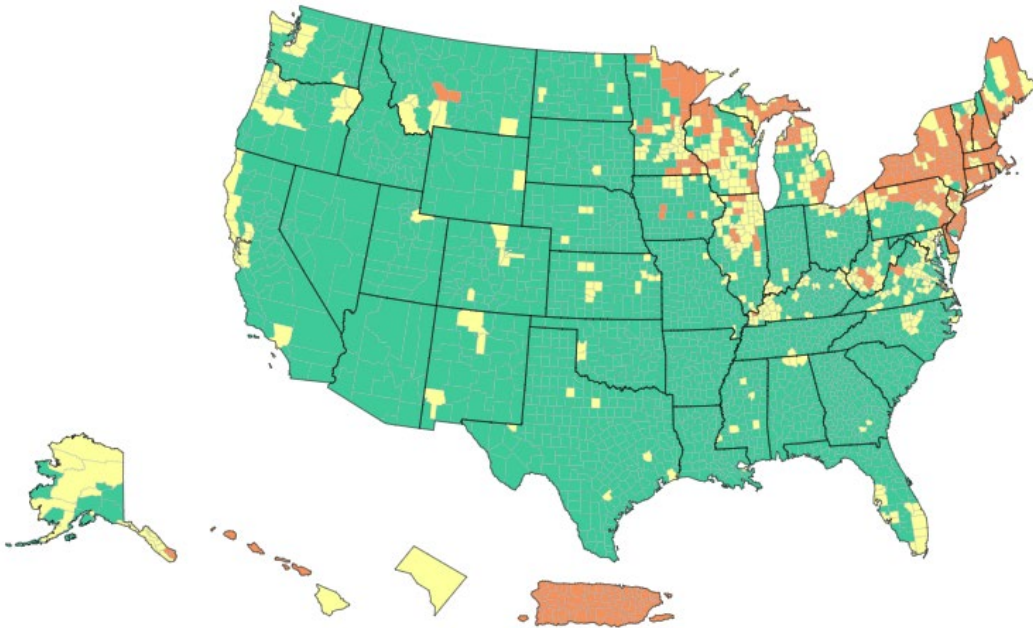




# CDC COVID-19 Levels

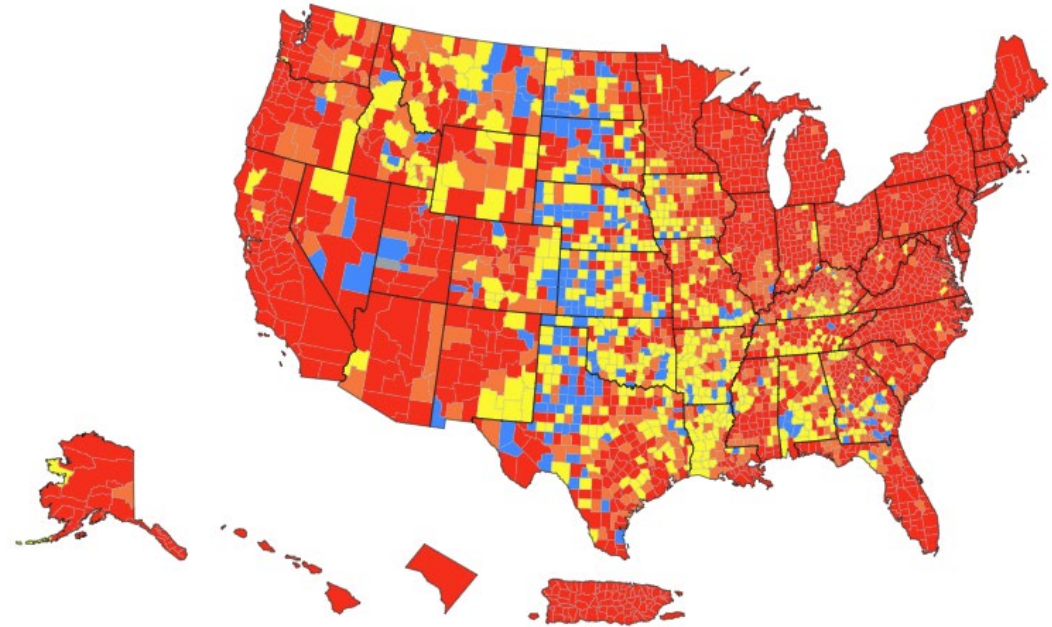
## Community Level

Low Medium High No Data



## Community TRANSMISSION

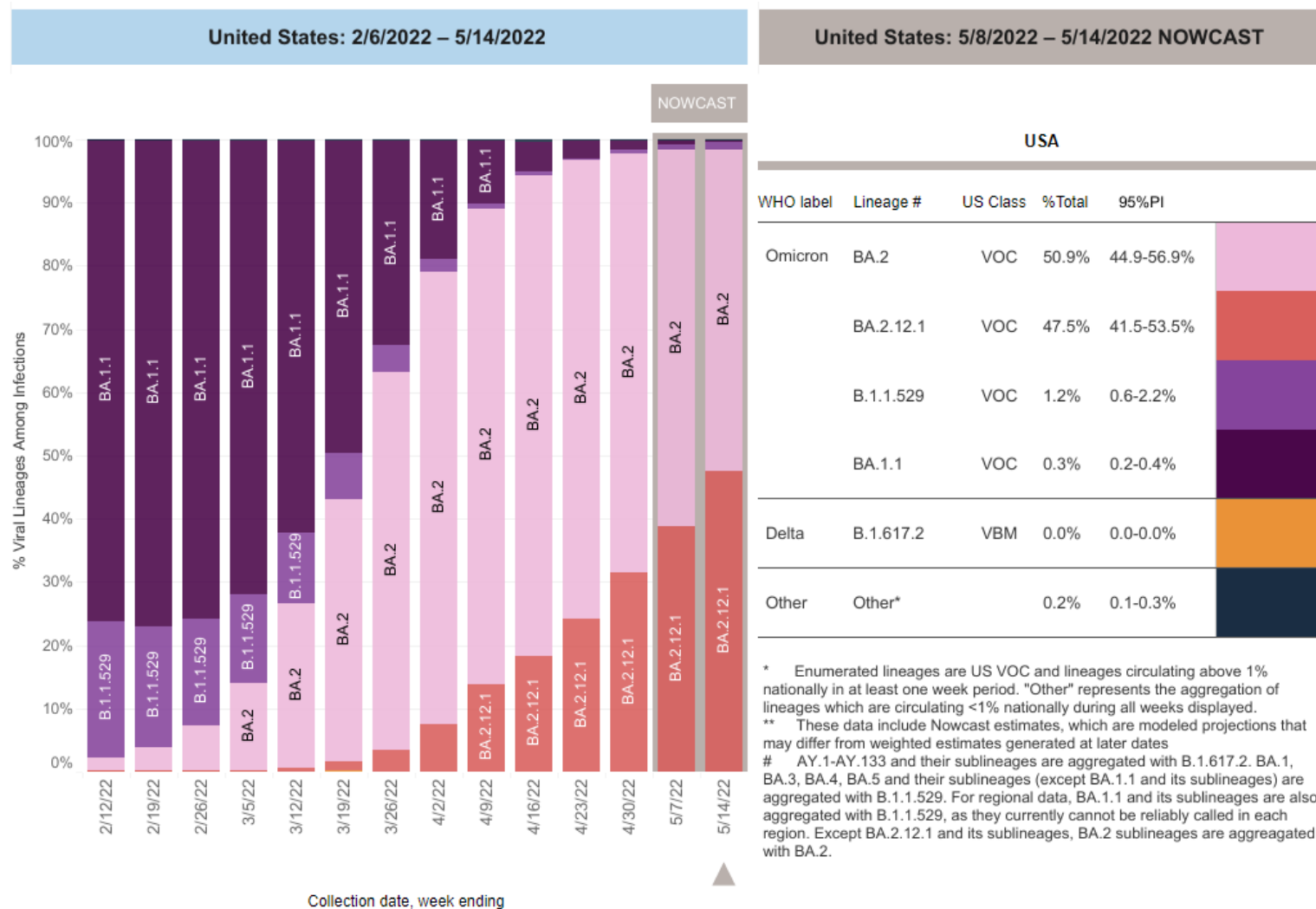
High Substantial Moderate Low





# CDC Nowcast Model Estimates Proportion Circulating Variants

<https://covid.cdc.gov/covid-data-tracker/#variant-proportions>



Omicron is still overwhelmingly the dominant variant circulating, BA.2.12.1 is increasing.

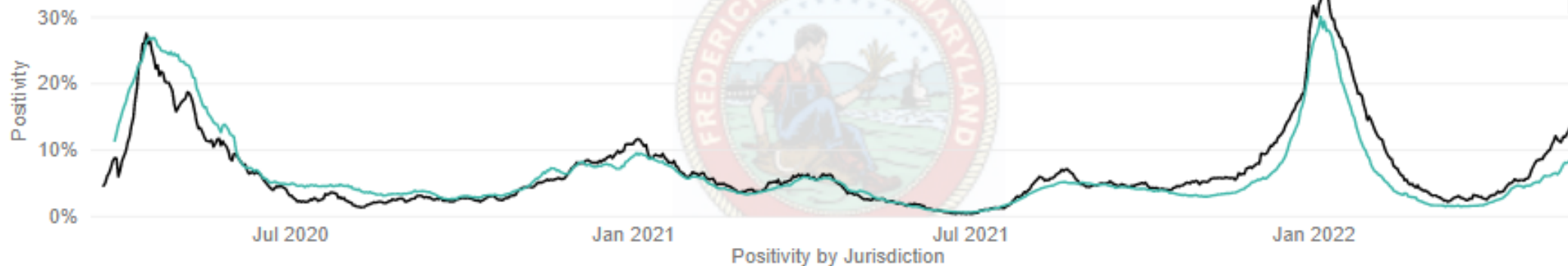


3/23/2020

5/20/2022

### Frederick County Percent Positive Rate (7-Day Avg)

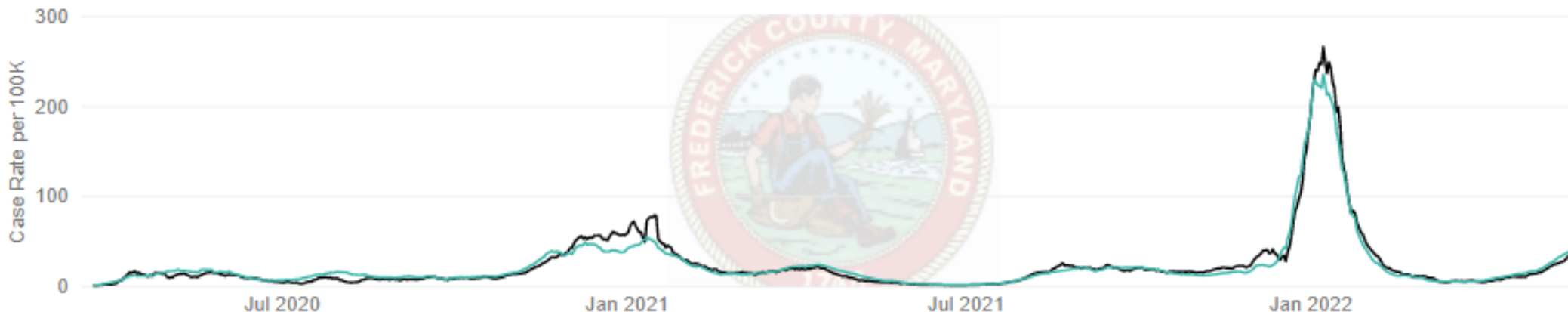
● Frederick ● State Wide



May 20  
Frederick 13.91%  
Maryland 8.55%

### Frederick County Case Rate per 100K (7 Day Moving Average)

● Frederick ● State Wide

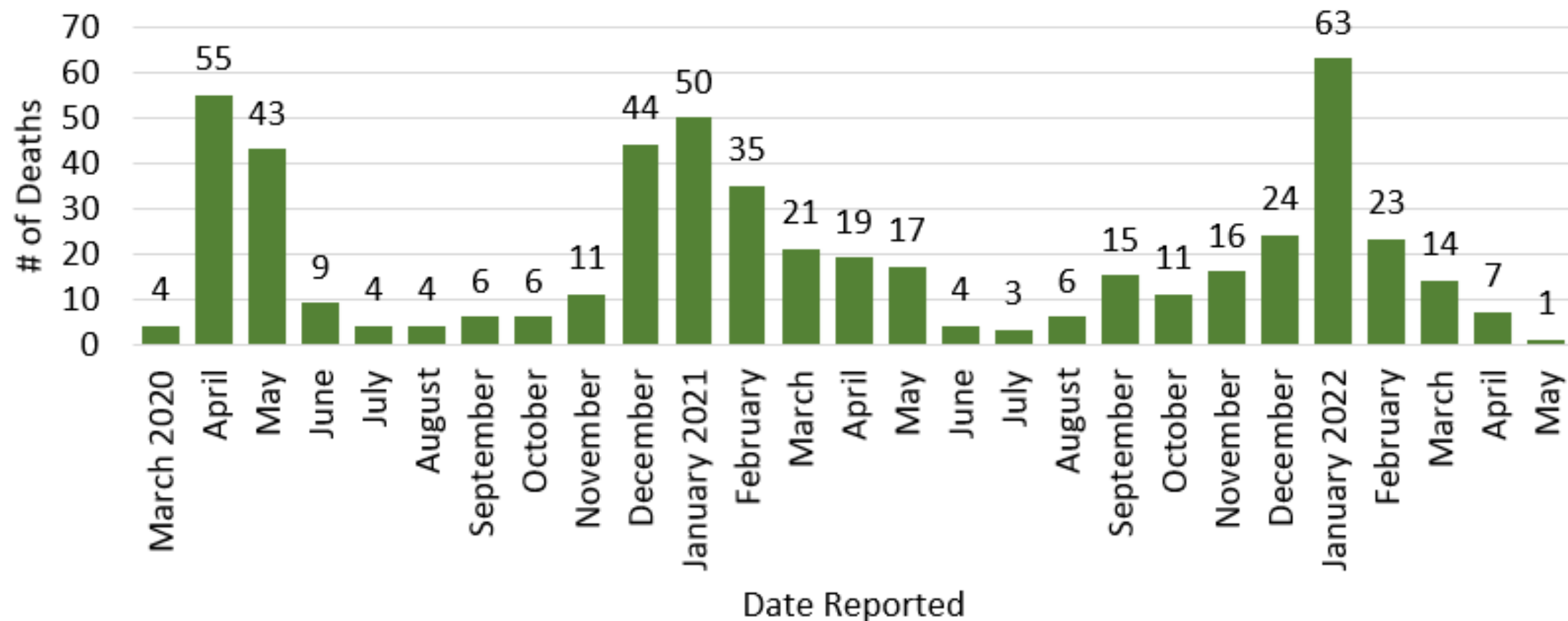


May 20  
Frederick 33.52  
Maryland 37.0



# COVID-19 Deaths by Month

Frederick County COVID-19 Deaths by Month

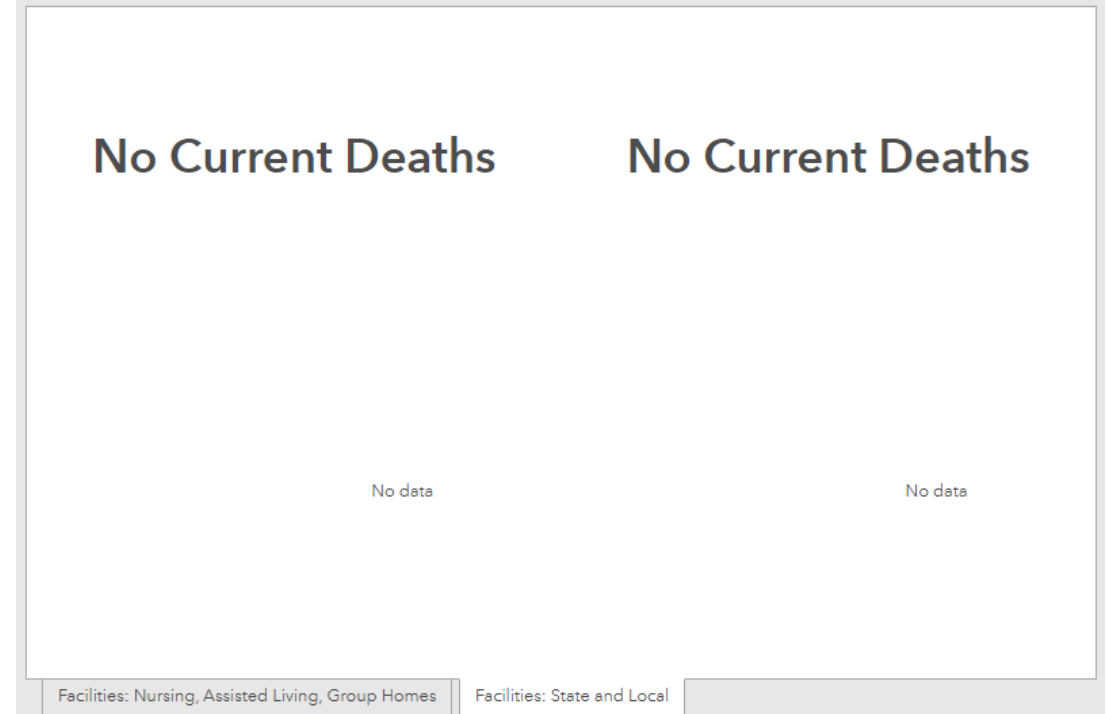
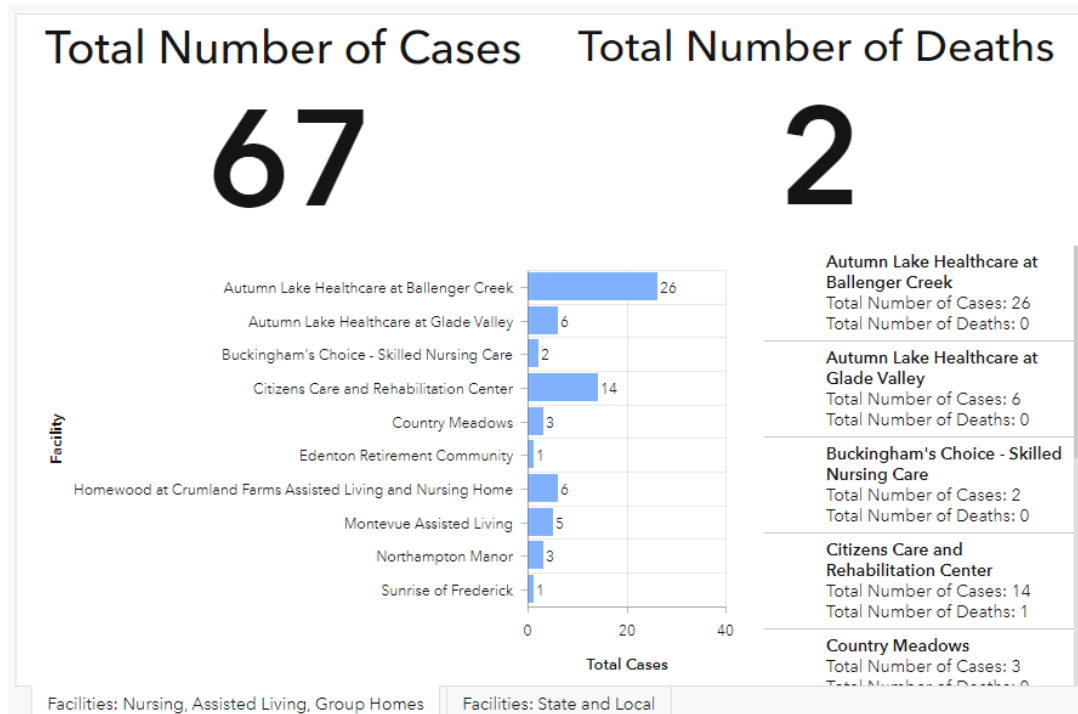




# Frederick County Congregate Facility Outbreaks

**In March: 355 cases, 5 deaths**

**In March: 0 cases, 0 deaths**





# Outbreak-Associated Cases in Schools (as of 5/19)

## Outbreak-Associated Cases in Schools

School	County	Positive Cases	Last Update
Ballenger Creek Elementary School	Frederick	6	5/18/2022
Ballenger Creek Middle School	Frederick	3	5/18/2022
Blue Heron Elementary School	Frederick	3	5/18/2022
Brunswick Elementary School	Frederick	4	5/18/2022
Centerville Elementary School	Frederick	3	5/18/2022
Frederick Classical Charter School	Frederick	10	5/18/2022
Frederick High School	Frederick	3	5/18/2022
Glade Elementary School	Frederick	7	5/18/2022
Kempton Elementary School	Frederick	6	5/18/2022
Lincoln Elementary School	Frederick	5	5/18/2022
Linganore High School	Frederick	7	5/18/2022
Middletown Primary School	Frederick	8	5/18/2022

## Outbreak-Associated Cases in Schools

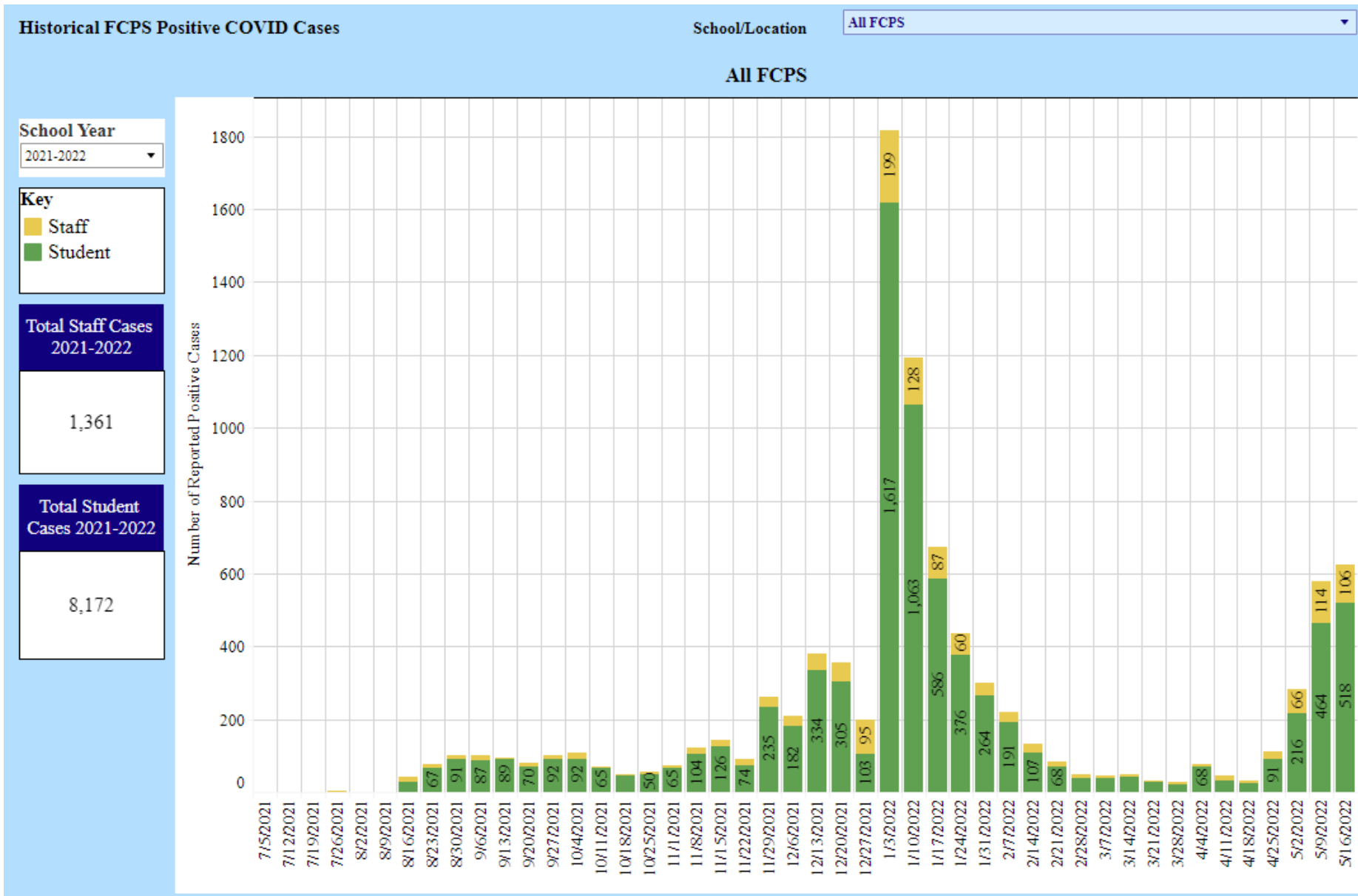
School	County	Positive Cases	Last Update
Monocacy Valley Montessori School	Frederick	29	5/18/2022
Myersville Elementary School	Frederick	3	5/18/2022
New Market Elementary School	Frederick	6	5/18/2022
Oakdale Elementary School	Frederick	8	5/18/2022
Oakdale High School	Frederick	9	5/18/2022
Orchard Grove Elementary School	Frederick	6	5/18/2022
Sugarloaf Elementary School	Frederick	17	5/18/2022
The Banner School	Frederick	3	5/18/2022
Thurmont Middle School	Frederick	3	5/18/2022
Tuscarora Elementary School	Frederick	3	5/18/2022
Tuscarora High School	Frederick	4	5/18/2022
Urbana Elementary School	Frederick	3	5/18/2022
<b>Total</b>		<b>203</b>	

For more school data, go to <https://www.fcps.org/dashboard>.





# FCPS Dashboard





# Frederick County Vaccinations

## COVID-19 Vaccinations Frederick County

Age Range	At least One Dose	At least One Dose %	Fully Vaccinated	Fully Vaccinated %
Age 5+	227,951	93.3%	204,964	83.9%
Age 12+	215,041	95.0%	193,232	87.6%
Age 18+	196,473	95.0%	176,204	88.3%
Age 65+	41,209	95.0%	37,915	95.0%
All Ages	227,984	87.8%	204,970	79.0%

People with a First Booster Dose	% with 1 <sup>st</sup> Booster
% of Fully Vaccinated Population with a First Booster Dose	54.3%
≥ 12 Years of Age	57.5%
≥ 18 Years of Age	59.6%
≥ 65 Years of Age	79.0%



## COVID-19 VACCINE BOOSTER UPDATE

### Who should get a booster?

- Everyone ages 5 and older

### Who should get a second booster?

- Everyone ages 50 and older
- Everyone ages 12 and older who has a weakened immune system



[cdc.gov/coronavirus](https://cdc.gov/coronavirus)

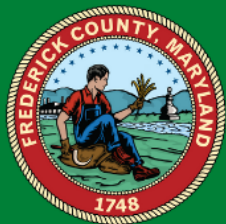


# COVID-19 First Booster Doses

May 20, 2022

What did you get?	When can you get a first booster?	Who is eligible for a first booster?
Pfizer:	5 months after 2nd dose	5 years and older
Moderna:	5 months after 2nd dose	18 years and older
Johnson & Johnson:	2 months after single dose	18 years and older

Individuals 18+ may choose which vaccine they receive as a booster dose.



[CovidVax.Maryland.gov](https://CovidVax.Maryland.gov)  
[FrederickCountyMD.gov/CovidVaccine](https://FrederickCountyMD.gov/CovidVaccine)  
or call 855-MDGoVax (855-634-6829)



**Public Health**  
Prevent. Promote. Protect.

Frederick County Health Department



# COVID-19 2nd Boosters

March 30, 2022

What did you get?	When can you get a booster?	Are you eligible for a booster? Yes, if you are:
Pfizer:	4 months after 1st booster	<ul style="list-style-type: none"><li>• 50+ years old</li><li>• 12+ years if immunocompromised</li></ul>
Moderna:	4 months after 1st booster	<ul style="list-style-type: none"><li>• 50+ years old</li><li>• 18+ years if immunocompromised</li></ul>
Johnson & Johnson:	4 months after 1st booster	People 18+ who received primary and booster of J&J should get 2nd booster of Moderna or Pfizer 4 months after 1st booster.



[CovidVax.Maryland.gov](https://CovidVax.Maryland.gov)  
[FrederickCountyMD.gov/CovidVaccine](https://FrederickCountyMD.gov/CovidVaccine)  
or call 855-MDGoVax (855-634-6829)



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## COVID-19 Vaccination Clinics



**Monday, 5/23 @ 5-7pm**

**Thurmont Regional Library**

(P 12+, M 18+)

76 E. Moser Road, Thurmont, MD 21788

**Wednesday, 5/25 @ 4-6pm**

**Walkersville Library**

(P 12+, M 18+)

2 South Glade Rd. Walkersville, MD 21793

**Thursday, 5/26 @ 5-7pm**

**Brunswick Branch Library**

(P 12+, M 18+)

915 North Maple Ave Brunswick, MD 21716

**Friday, 5/27 @ 4pm-6pm**

**Hillcrest Elementary School**

(P 5+, M 18+)

1285 Hillcrest Dr. Frederick, MD 21703

**585 Himes Ave Frederick, MD 21703**

**Wednesday, 5/25 @ 4 - 7pm**

**Saturday, 5/28 @ 10am - 1pm**

**P 5+, M 18+**



**1st dose, 2nd dose, additional dose, and boosters available at all clinics!**

Moderna (M) for people 18+ years and Pfizer (P) for people 5+ years

[Schedule Appointment at FrederickCountyMD.Gov/CovidVaccine](https://FrederickCountyMD.Gov/CovidVaccine)



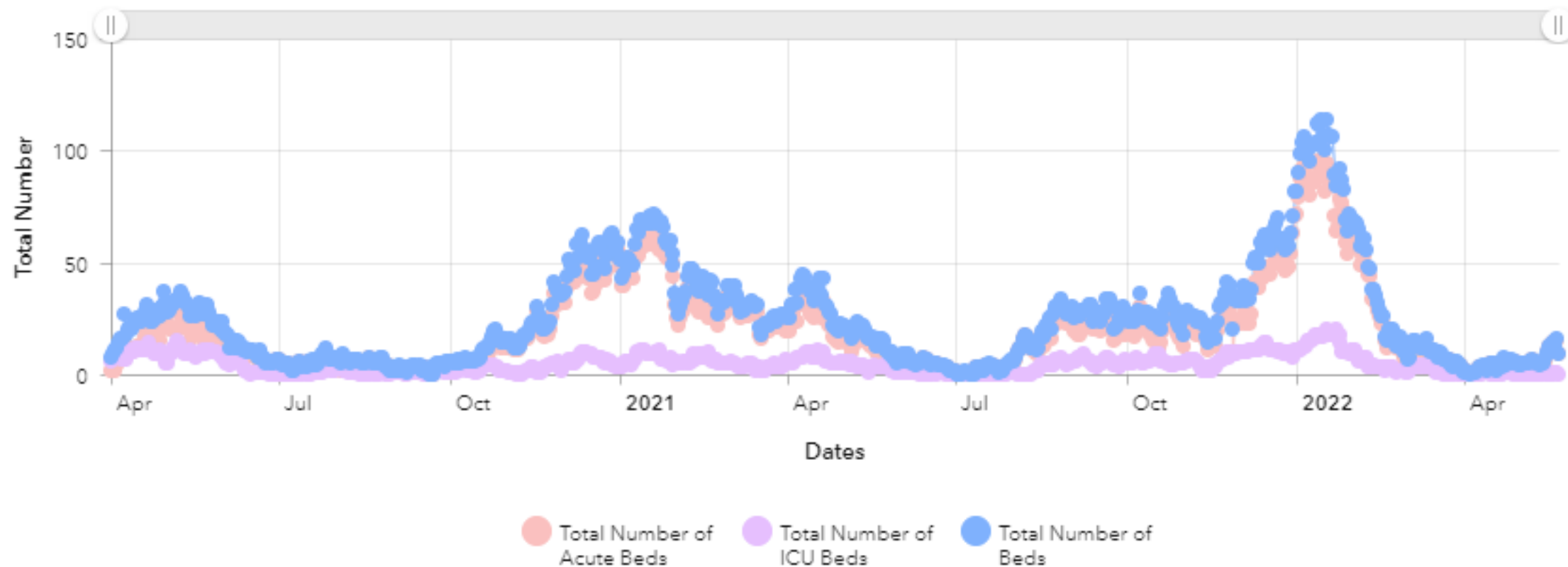
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## Frederick County Covid-19 Hospitalizations



Hospitalizations

Confirmed Cases Over Time

Total Cases Over Time

Confirmed Deaths Over Time



# Frederick Health Daily COVID-19 Update

5/23/2022 10:16:45 AM

Currently  
Hospitalized

264

COVID-19  
Inpatients

12

COVID-19  
ICU Patients

0

## Weekly COVID-19 Hospitalizations



Vaccinated  
Inpatients

5

Unvaccinated  
Inpatients

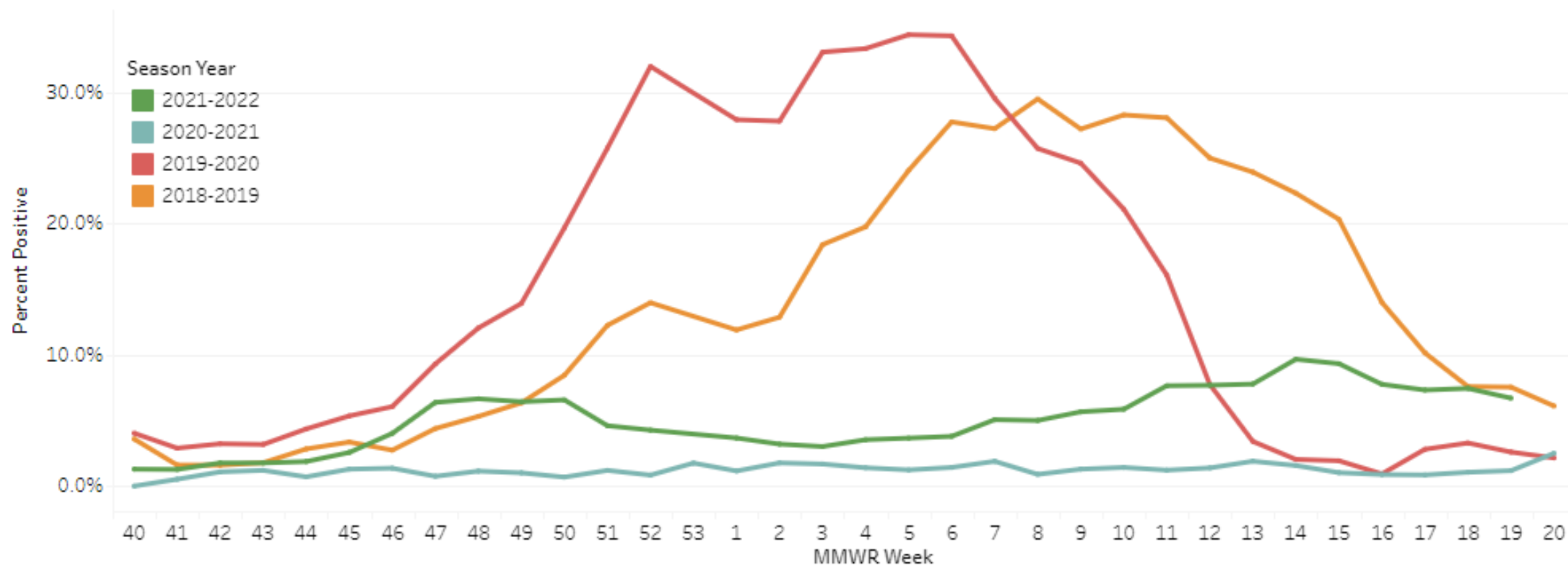
7

Drive Thru  
Tests

36



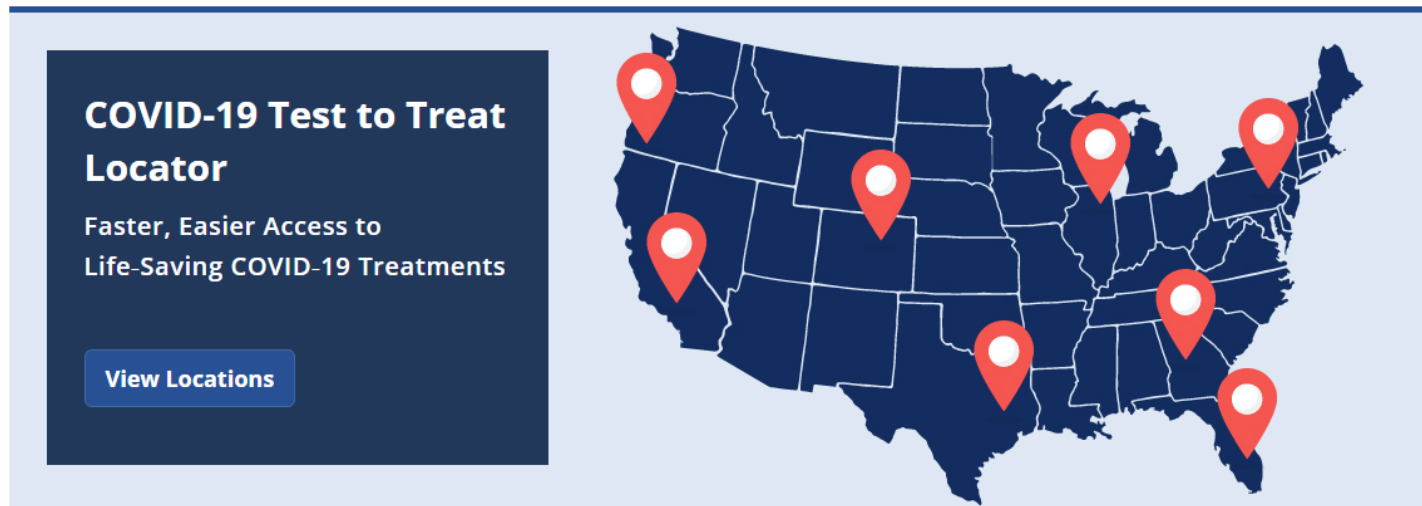
## Clinical Laboratories Influenza Test Percent Positive





# Test To Treat

Through this program, people are able to get tested and – if they are positive and treatments are appropriate for them – receive a prescription from a health care provider, and have their prescription filled all at one location.



A call center is also available at 1-800-232-0233 (TTY 1-888-720-7489) to get help in English, Spanish, and more than 150 other languages – 8:00 am to midnight ET, 7 days a week.

The Disability Information and Access Line (DIAL) is also available to specifically help people with disabilities access services. To get help, call 1-888-677-1199, Monday-Friday from 9:00 am to 8:00 pm ET or email [DIAL@usaginganddisability.org](mailto:DIAL@usaginganddisability.org).

<https://aspr.hhs.gov/TestToTreat>

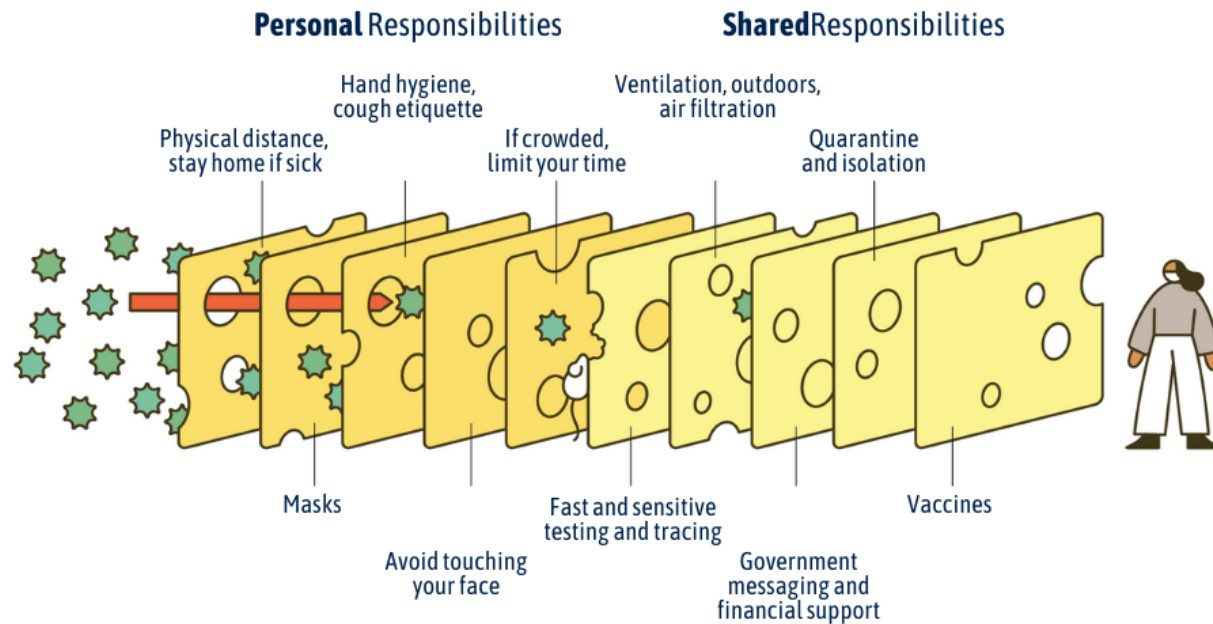


# Treatment Options

Use	Name	Description	Procurement and Allocation
Monoclonal Antibodies for Treatment	<b>Sotrovimab</b> <b>Betelovimab</b>	IV infusion or IV injection for treatment of symptomatic infection. Monoclonal antibodies are susceptible to losing potency as the COVID-19 spike protein mutates.	Federal Government procures and allocates product.
Long-Acting Monoclonal Antibody for Pre-Exposure Prophylaxis	<b>Evusheld</b>	Pre-exposure prophylaxis (PrEP) is used in <u>non-exposed, COVID negative</u> patients with moderate to severe immune deficiencies and/or the patients with severe documented allergy to all vaccines.	Federal Government procures and allocates product.
Monoclonal Antibodies for Post-Exposure Prophylaxis	Bamlanivimab and Estevimab Bamlanivimab (alone) Regen-COV	Post-exposure prophylaxis (PEP) in exposed unvaccinated individuals, treatment in symptomatic cases. As of January 2022, neither product is used due to lack of effectiveness against Omicron.	—
Oral Antivirals	<b>Paxlovid</b> <b>Molnupiravir</b>	Oral medication courses used in symptomatic individuals at high risk of developing severe COVID-19.	Federal Government procures and allocates product.
Infusion Antivirals	<b>Remdesivir</b>	Antiviral therapy given via IV infusion.	Commercially available via Amerisource Bergen.



# Layers of Protection



Source: Adapted from Ian M. Mackay (virologydownunder.com) and James T. Reason. Illustration by Rose Wong

Major types of protection:

- Vaccinations
- Testing
- Masking

How many layers you decide to use depends on your medical circumstances and your own evaluation of how much you want to keep avoiding Covid-19.





# Free Test Kits for Households

Every home in the U.S. is eligible to order a 3rd round of free at-home tests. Order yours today at [covid.gov/tests](https://covid.gov/tests). People who have difficulty getting online or need help placing an order can call 1-800-232-0233 for assistance.

## Get free at-home COVID-19 tests

Every home in the U.S. is eligible to order a 3rd round of free at-home tests. Order yours today.

**Order Free At-Home Tests**

Need help placing an order for your at-home tests?  
Call [1-800-232-0233](tel:1-800-232-0233) (TTY [1-888-720-7489](tel:1-888-720-7489)).



# Free Masks at Pharmacies

Free masks are available at many local pharmacies. Please check with locations for availability. Call 1-800-232-0233 (TTW 1-888-720-7489) for assistance.

Need help finding free masks in the U.S.? Call 1-800-232-0233 (TTY 1-888-720-7489)

## Find Free Masks

Powered by **VaccineFinder**

5-digit Zip Code

21702

Search for Free Masks



<https://www.cdc.gov/coronavirus/2019-ncov/your-health/free-masks.html>



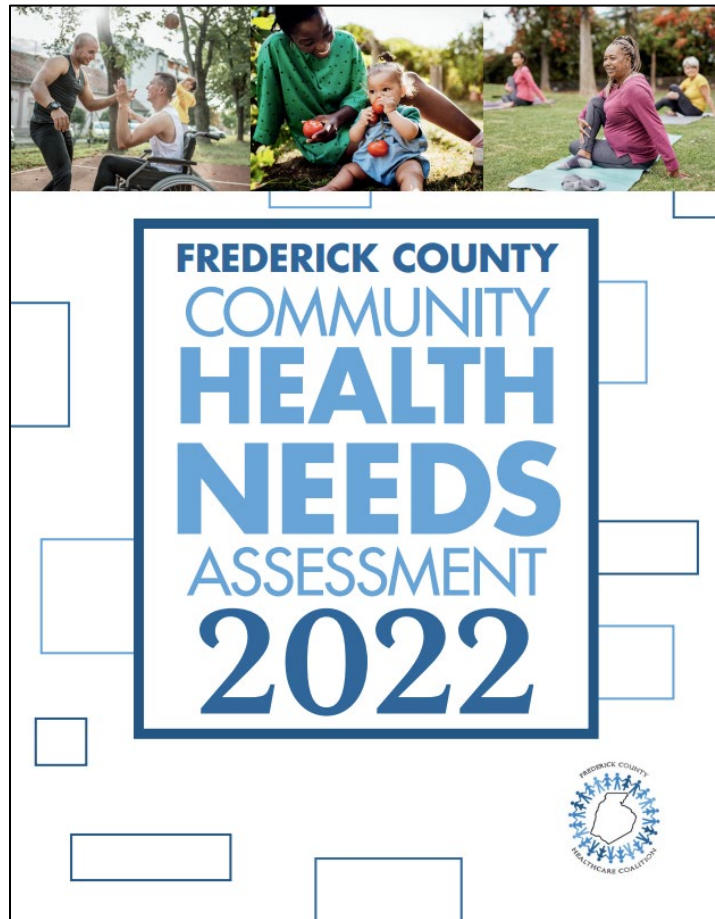
# Reporting Positive Results from At-Home Kits

If you test positive for COVID-19 with an at-home test kit, please report your result to [covidlink.maryland.gov/selfreport](https://covidlink.maryland.gov/selfreport).



# COVID-19 Questions?

# Frederick Community Health Needs Assessment



[health.frederickcountymd.gov/CHNA2022](https://health.frederickcountymd.gov/CHNA2022)



# Cycle of Improving Health



1. Collect & Review Data
2. Determine Priorities & Develop Goals, Objectives & Strategies
3. Create Plan
4. Disseminate Findings
5. Form Advisory Group
6. Repeat!





## CHNA 2022: A Deeper Dive on Social Determinants of Health





# Four Report Components

**Community  
Input  
(survey)**

**Focus Groups  
with Specific  
Populations**

**Secondary  
Data**

**Prioritization**

Assessing  
community  
need



## Community Input (survey)

### Topics:

- **Perceptions of the health of the community**, including what makes for a healthy community and what are perceived to be the most important health issues in the community.
- **Barriers to accessing healthcare**, including services that are difficult to access and other challenges impeding access to healthcare.
- **Opportunities to increase access to healthcare.**
- **Engagement with healthcare**, including recent use of healthcare services.
- **Personal health** and engagement in healthy behaviors.
- **Experiences with social determinants of health**, including housing, financial security, access to food, transportation, social isolation, and physical safety.

**4,094** Frederick County residents responded!



**The results of the 2021 Frederick County CHNA highlight a community with many strengths, and many challenges in terms of residents' access to and use of healthcare services.**

### **Community Health Priorities**

- Good hospitals, doctors, and clinics
- A clean environment
- Low crime and safe neighborhoods
- Good schools
- Safe places to play, socialize, and be active

### **Community Strengths**

- Most community members feel relatively healthy
- Most have adequate housing and can pay for necessities
- Most have health insurance coverage
- The majority have seen doctors in the past year
- The majority are able to get healthcare when they need it

### **Top Challenges**

- Realities of trying to live a healthy lifestyle
- Poverty and the impact of poverty on health
- Stress and mental health challenges
- Differential healthcare experiences: gender, race, and identity



**CHALLENGE: Poverty exists in Frederick County and while less so than elsewhere in Maryland, upwards of 1 in 10 community members experience:**



Food insecurity



Lack of transportation



Challenges paying for basics and utilities



Lack of health insurance

**CHALLENGE: Stress is a significant challenge for many residents:**



17% of community members struggle with mental health at least half the time in a typical month

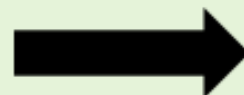


Stress is a major challenge for many—and right now, COVID-19 is the top stressor



Social isolation affects about 11% of community residents

**CHALLENGE: Many community members struggle with healthy living—they don't always exercise, eat healthy meals, or get recommended health screenings as often as they should:**





# Social Determinants of Health

Social factors can play a large role in one's ability to access and experiences with medical care, and experiences with those social factors vary considerably among community members.

Segmentation analysis of social determinants of health revealed three distinct groups.

- **Social and Thriving**
- **Stable and Working**
- **Unsteady and Struggling**
- In order to be most effective, medical care should take special care and consideration of the unique situation each group experiences.

## Social and Thriving

Tend to be older and happy. They experience few barriers in getting the care they need.

52% of respondents are in this group.

## Stable and Working

Tend to be employed full time, but still experience a moderate level of daily stress.

35% of respondents are in this group

## Unsteady and Struggling

Tend to be younger, more impoverished, and struggling to make ends meet.

13% of respondents are in this group.





# Details Available in Assessment

Detailed Findings.....	11
○ What Makes a Healthy Community? Perspectives of Community Members.....	12
○ Community Profile.....	16
○ Health and Healthy Living.....	26
○ Accessing Health Care.....	35
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○ Community Members who Identify as LGBTQ and Transgender.....	54
○ Community Members Who Identify as Black or African-American.....	59
○ Community Members Who Identify as Hispanic.....	62
○ Community Members Who Speak Languages Other Than English at Home.....	66
○ Needs of Community Members North County vs. Rest of Frederick County.....	71



## Focus Groups

Group	Reason for Selection
Hispanic/Latino Women	health disparity outcomes for Cancer, Diabetes, and other conditions; known delays in care leading to significant health conditions and high cost/care utilization; Hispanics represent 11% of total population.
African American Women (Pregnant/Childbearing)	health disparity outcomes for infant mortality, maternal mortality and low birth weight babies; current efforts to address root causes in place; Maryland policy focus for Statewide Health Improvement Strategy tied to Medicare waiver with CMS; African Americans represent 10% of total population.
Vulnerable Neighborhood	census tracts in County have high social vulnerability index score; locations identified as target populations for COVID Vaccine and Diabetes grants; need deeper dive on assets in neighborhood, engagement strategies and intervention effectiveness
Low-income/ALICE Seniors	current initiative with <i>Advocates for Elderly</i> to address needs for seniors in non-senior housing environment; seniors represent 15% of total population; county resources and potential funding sources for interventions



# Focus Group Feedback

## Census Tract 7505.03

Those in this section of Frederick County often reported struggling to find providers who accepted their insurance and would often go without care.

*"Frederick has a lot of doctors. The amount of doctors is plentiful. My son and I, right now, are on Maryland Medicaid and I'm having a really hard time finding doctors who accept whatever we have. That's a real challenge that makes it very limited."*

## ALICE Seniors

Low-income seniors are often faced with aging in place, which can make it difficult to perform daily tasks and get transportation.

*"Some of them are not able to keep their apartments clean as they need to because they aren't able to do it physically. The woman next door is on oxygen 24/7. She can't get her garbage down to the garbage room, or get herself down to the laundry room, without taking this oxygen tank down and back."*

## African American Mothers

Many African American mothers feel a lack of representation among healthcare providers and are wary about opening their home to certain services.

*"There is not one single midwife of any color in Frederick County. A lot more women would be more confident with more options."*

## Hispanic or Latinx Women

Hispanic or Latinx women face a variety of issues including prejudice, a language barrier, and interpreters that may not communicate everything. This leads many to avoid professionals and organizations that offer assistance.

*"Maybe you need to go to the hospital or see a doctor and if you cannot communicate well, you're kind of given the cold shoulder. So, those are fears that sometimes keep you from going to the doctor."*



# Focus Group Comparisons

2016
<ul style="list-style-type: none"><li>✓Transportation</li><li>✓Health insurance cost</li><li>✓Awareness of services at Health Department</li></ul>

2018
<ul style="list-style-type: none"><li>✓Affordable housing</li><li>✓Provider communications: relatability, language</li><li>✓Transportation</li><li>✓Awareness of community services and resources</li><li>✓Getting a provider appointment when needed</li></ul>

2021
<ul style="list-style-type: none"><li>• Mental Health</li><li>• Dental</li><li>• Access to Healthy Food</li><li>• Affordable housing</li><li>• Transportation</li><li>• Communication/awareness</li></ul>

Red text identifies new issue compared to prior cycle.

- Similar concerns over multiple cycles, so interventions need to change.
- Residents need a voice in designing services to meet their needs.



## Secondary Data

### Health Outcomes: Length of life

- Top 10 leading causes of death
- Stroke and heart disease deaths
- Suicides
- Overdose deaths
- Infant Mortality
- Cancer deaths

### Health Outcomes: Quality of Life

- Cancer incidence
- Maternal and child health
- Chronic conditions
- HIV
- Mental Health

### Health Factors: Socio-Economic

- Education
- Income and Poverty

### Health Factors: Physical Environment

- Lead levels
- Rabies

### Health Factors: Health Behaviors

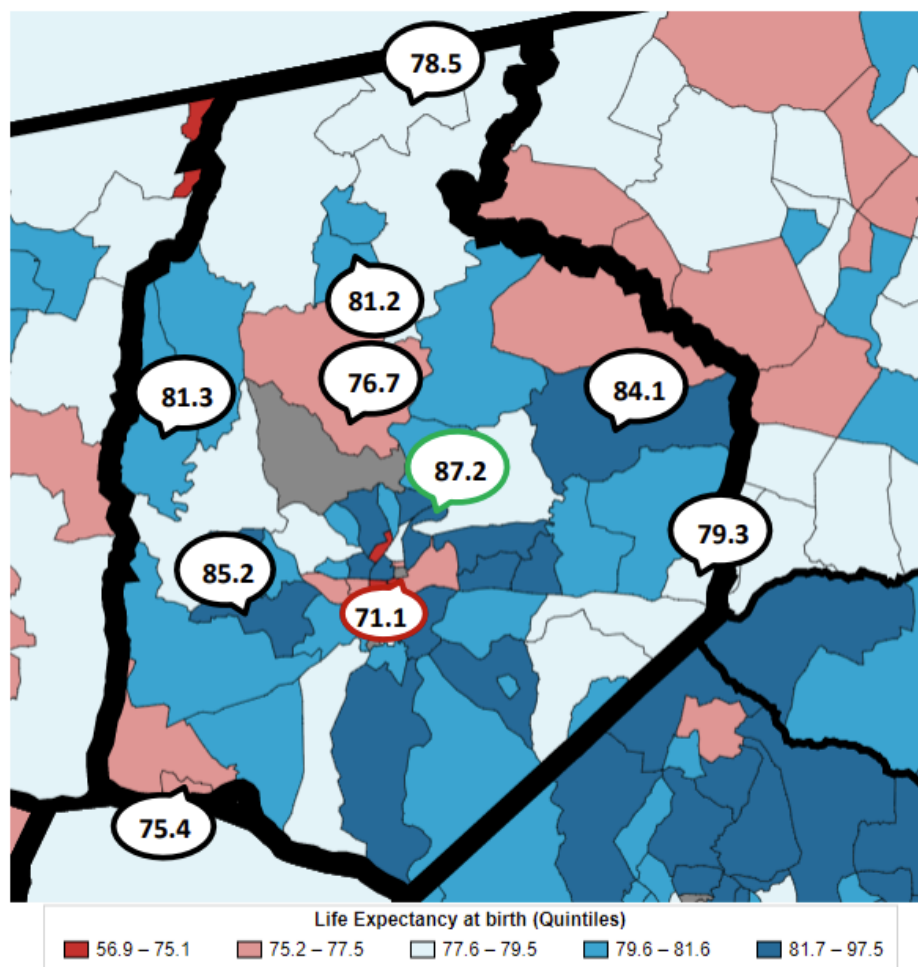
- Alcohol & drug use
- Tobacco use
- Diet & Exercise
- Sexual Health

### Health Factors: Clinical Care

- Healthcare provider ratio
- Oral Health



# Life Expectancy – Place Matters



- The highest life expectancy in Frederick County is **87.2** years in Walkersville.
- The lowest life expectancy in Frederick County is **71.1** years in the city of Frederick in the area of South Benz and West South streets.
- Maryland state average life expectancy is **79.6** years.





# Leading Causes of Death

	Type	Deaths in Frederick County (2019)	Mortality Rate per 100,000 (2017-2019)
1	Heart Disease	444	148.6
2	Malignant Neoplasms (cancers)	394	136.6
3	Cerebrovascular Disease (strokes)	127	35.2
4	Chronic Lower Respiratory Disease	105	33.0
5	Accidents	86	31.2
6	Drug and Alcohol Overdoses	64	24.7
7	Diabetes	62	20.6
8	Alzheimer's Disease	32	14.3
9	Intentional Self-Harm/Suicide	34	12.4
10	Influenza and Pneumonia	26	11.5



# Disparities

This list shows health disparities in Frederick County. Other disparities may exist, but this list consists of topics where data was available at the county level for both genders and/or at least two races.

Health Indicator	Data Source	Disparities Identified		
		Gender	Race/ Ethnicity	Details
Adverse Childhood Experiences (ACEs in adolescents) (1+)	2018 YRBS			Vary by question
Binge Drinking	2019 BRFSS & 2018 MD YRBS			White female adolescents
Breast Cancer (incidence)	2019 MD CRF Report	N/A		Black
Colorectal Cancer (incidence)	2019 MD CRF Report			Men and Black
C-section Births	2019 MD Vital Stats	N/A		Black
Early Prenatal Care (did not get)	2019 MD Vital Stats	N/A		Hispanic, Black
Electronic Vapor Product Use (Adults & adolescents)	2019 BRFSS & 2018 MD YRBS			White female and multiple race male adolescents
Infant mortality	2019 MD Vital Stats	Data not Available		Black
Low birth weight	2019 MD Vital Stats	N/A		Blacks, Hispanic, White
Lung Bronchus Cancer (incidence)	2019 MD CRF Report		-	Men
Melanoma Cancer (incidence)	2019 MD CRF Report		Insuff. data	Men
No Physical Activity (Adults & Adolescents)	2019 BRFSS & 2018 MD YRBS			Black and Hispanic female adolescents
Obesity (adults & adolescents)	2019 BRFSS & 2018 MD YRBS			White and Hispanic female adolescents
Oral Cancer (incidence)	2019 MD CRF Report		Insuff. data	Men
Preterm birth	2019 MD Vital Stats	N/A		Black, Asian, Hispanic
Prostate Cancer (incidence)	2019 MD CRF Report	N/A		Black
Teen birth rate	2019 MD Vital Stats	N/A		Black and Hispanic
Tobacco Use (Current adult Smoker & Current Cigarette use adolescents)	2019 BRFSS & 2018 MD YRBS			Male Hispanic adolescents



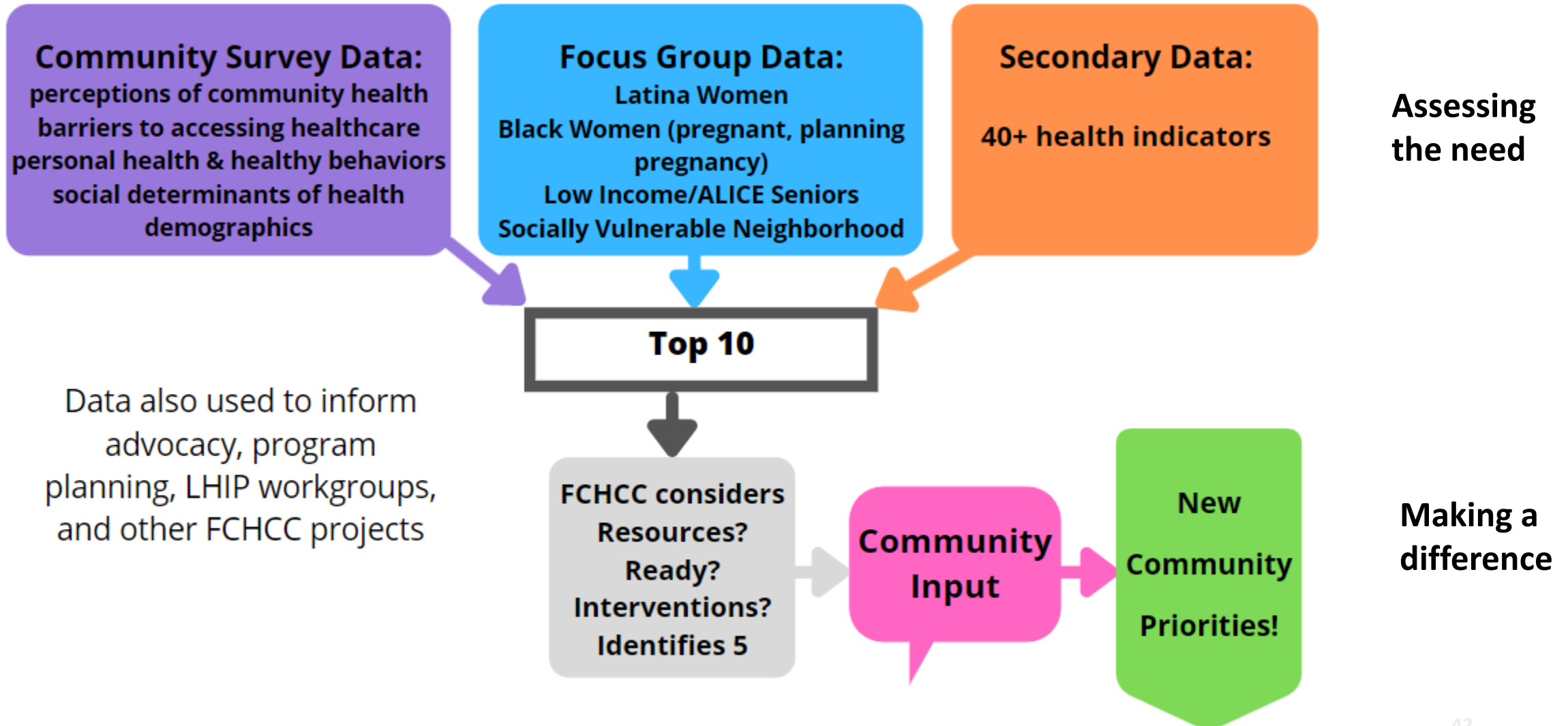
## Prioritization

## Criteria

1. Size
2. Severity
3. Trend
4. Impact on others
5. Variance vs benchmarks
6. Community Perception
7. Disparity
8. SIHIS Goal (\*New\* Statewide Integrated Health Improvement Strategy)



# Assessing the Need + Making a Difference





# New Local Health Improvement Priorities



## Adverse Childhood Experiences (ACEs) in Adolescents Workgroup

### Action Plan

Monthly Meetings are every 3rd Monday of  
the month, 12pm to 1:30pm

Work Group Lead: [Pilar Olivo](#)



## Diabetes (Type 2) Workgroup

Action Plan in development

Monthly Meetings are every 4th Friday of  
the month, 1pm to 2:30pm

Workgroup Co-Leads: [Sara Littleton](#) and  
[Crissy Barry](#)



## Mental Health Workgroup

Action Plan in development

Monthly Meetings are every 3rd Tuesday of  
the month, 1pm to 2:30pm

Work Group Lead: [Andrea Walker](#)

[health.frederickcountymd.gov/LHIP](https://health.frederickcountymd.gov/LHIP)



# Join a Workgroup!

All interested members of the public and community partners are invited to participate in these new Workgroups!

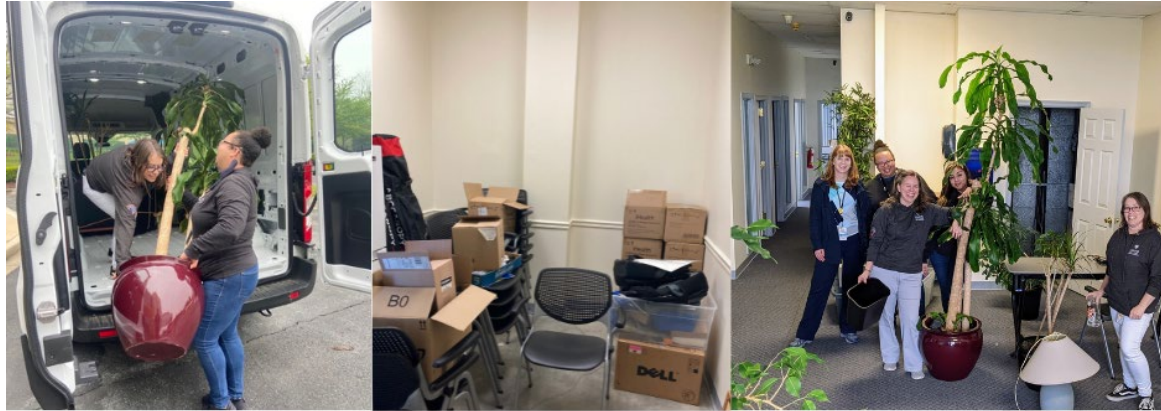
Our diverse community members have unique perspectives and experiences and are best able to come together and successfully strengthen the foundations of community health.

Go to [health.frederickcountymd.gov/LHIP](http://health.frederickcountymd.gov/LHIP) for details on how to join.





# Equity Office Opening Soon!



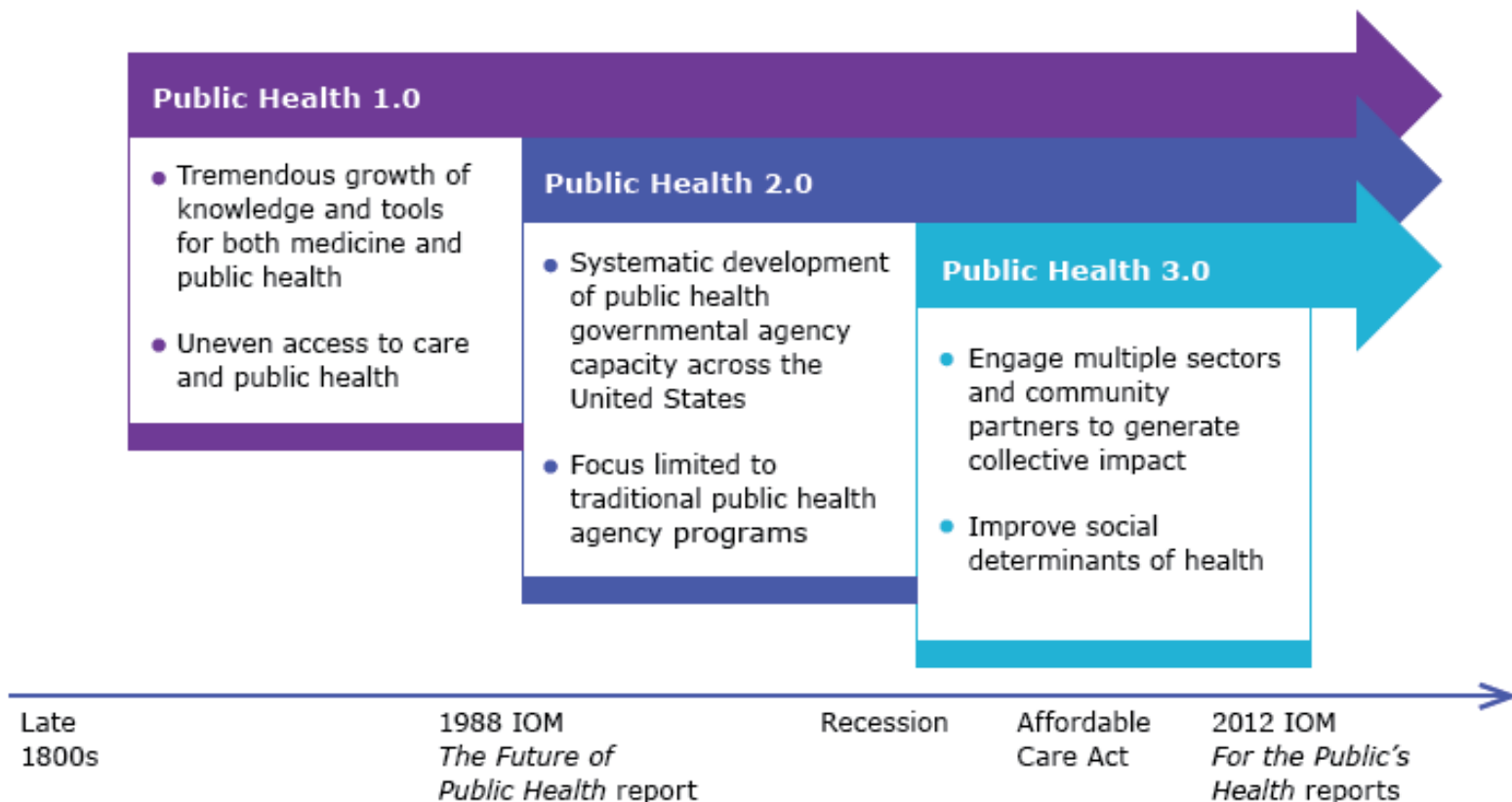
EQUITY OFFICE COMING SOON  
OFFICINA DE EQUIDAD VENIENDO PRONTO



- Will open in June 2022
- Offer a variety of Health Department services to increase access and help reduce disparities



# Chief Health Strategist



## Public Health 3.0

- Health Department role is of **Chief Health Strategist**

# Public Health

- Affects our daily lives
- Place matters
- Historically underfunded







## Public health saves money



Every \$1 spent on prevention  
saves \$5.60 in health spending.



Every \$1 spent on childhood vaccines  
saves \$16.50 in future health care costs.

~~25%~~  
**75%**

of U.S. health spending is on preventable chronic conditions such as obesity, heart disease and diabetes, but only **3 cents of every \$1 spent** on health care goes toward public health and prevention.





## Public health saves lives

For each 10 percent increase in local public health spending:

Infant deaths  
decrease

6.9%

Cardiovascular  
deaths decrease

3.2%

Diabetes deaths  
decrease

1.4%

Cancer deaths  
decrease

1.1%



Seatbelt use reduces  
serious injuries and  
death in car crashes by

**50%**

In the 20th century, the U.S.  
reduced the rate of adults  
who smoke from 42% in  
1965 to 25% in 1997.

42%



1965

Rates continue to drop —  
in 2010, 19% of adults  
smoked.

19%



2010



American  
Public Health  
Association

[www.apha.org](http://www.apha.org)

Resources: [www.apha.org/advocacy/tips/infographic.htm](http://www.apha.org/advocacy/tips/infographic.htm)



## Prevention and public health programs:

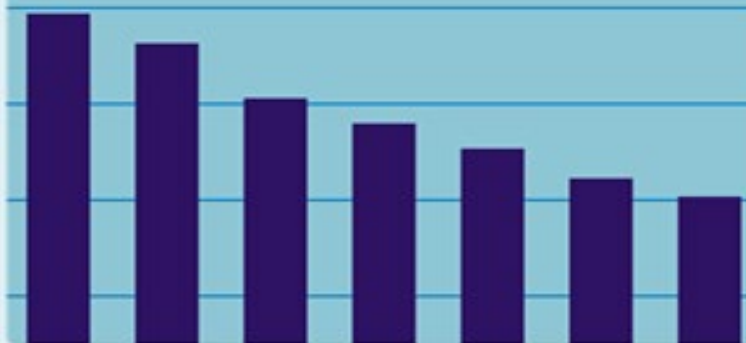
Keep our kids  
healthy and  
communities strong



Save lives



Save money



American  
Public Health  
Association

[www.apha.org](http://www.apha.org)

Resources: [www.apha.org/advocacy/tips/infographic.htm](http://www.apha.org/advocacy/tips/infographic.htm)



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