



Anne Arundel County Board of Health Presentation

Nilesh Kalyanaraman, MD, FACP

Health Officer

Anne Arundel County Department of Health

October 12, 2021

Anne Arundel County Council

Annapolis, Maryland



Mission and Vision

Vision

A vibrant Anne Arundel County with healthy people in healthy communities.

Mission

To preserve, promote and protect the health of all people who live, work and play in Anne Arundel County.



Anne Arundel County
Department of Health

Key Staff

- Niles Kalyanaraman: Health Officer
- Tonii Gedin: Deputy Health Officer for Public Health
- Shawn Cain: Deputy Health Officer for Operations
- Billie Penley: Chief Financial Officer
- Elin Jones: Public Information Officer
- Sandy O'Neill: Director, Behavioral Health Services
- Jennifer Schneider: Director, Disease Prevention & Management
- Don Curtian: Director, Environmental Health
- Thomas McCarty: Director, Family Health Services
- Krystle Coldiron: Director, Office of Assessment & Planning
- Karen Siska-Creel: Director, School Health Services

Partner Agencies

- Adrienne Mickler: Executive Director, Mental Health Agency
- Pam Brown: Executive Director, Anne Arundel County Partnership for Children, Youth & Families



Department of Health Overview

Founded October 1930

Operating Budget: \$80,378,900

Employees: 893

DOH Offices:

Department of Health Headquarters/Annapolis Health Services Building | Behavioral Health Building-North | Behavioral Health Services-South | Brooklyn Park Health Center | Glen Burnie Health Center | Glen Burnie - Baymeadow COVID Ops | Health Annex | Magothy Health Center | North County Health Services Center | Parole Health Center

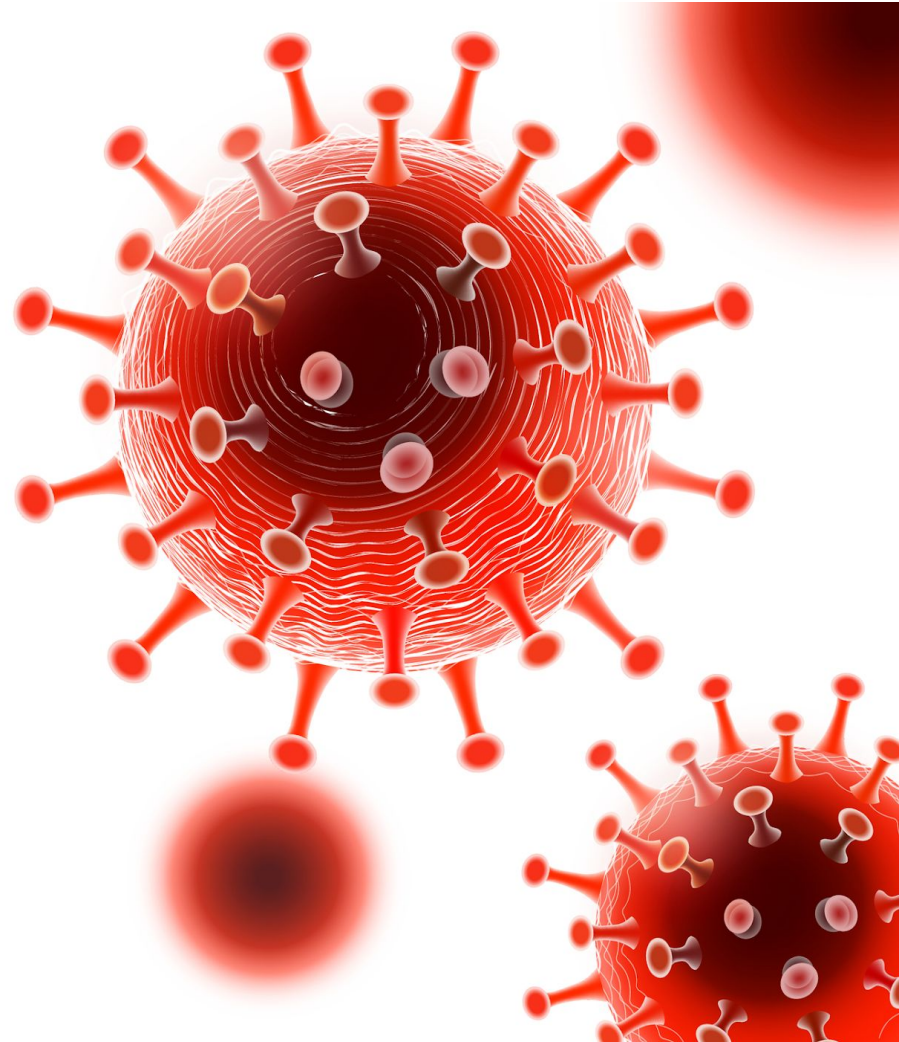


Anne Arundel County
Department of Health

COVID-19

CORONAVIRUS

NOVEL CORONAVIRUS



Covid-19 Overview

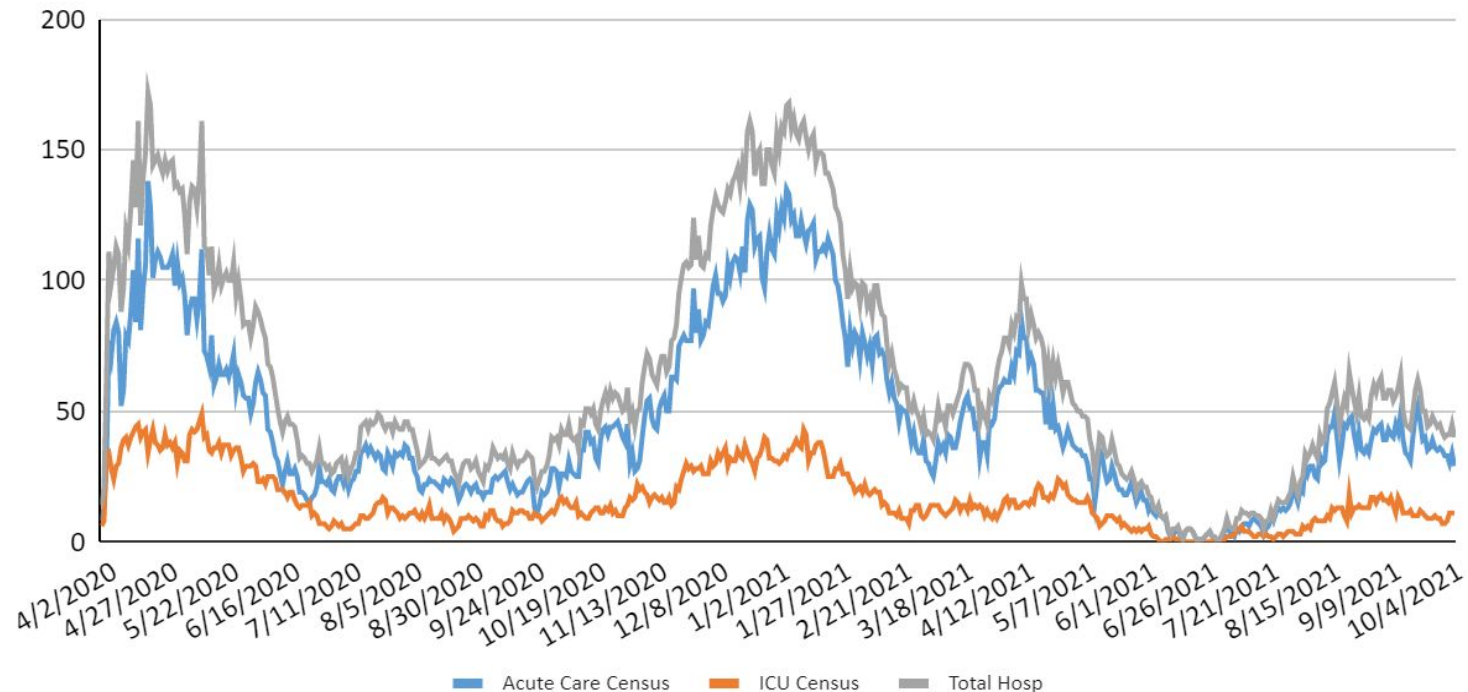


- SARS-CoV-2 virus is a new virus to humans
- First discovered in December 2019
- First case in U.S. on January 20, 2020
- First case in Maryland on March 6, 2020
- As of October 1, 2021 over **50,722 cases and 721 deaths** in Anne Arundel County

Covid-19 Hospitalizations

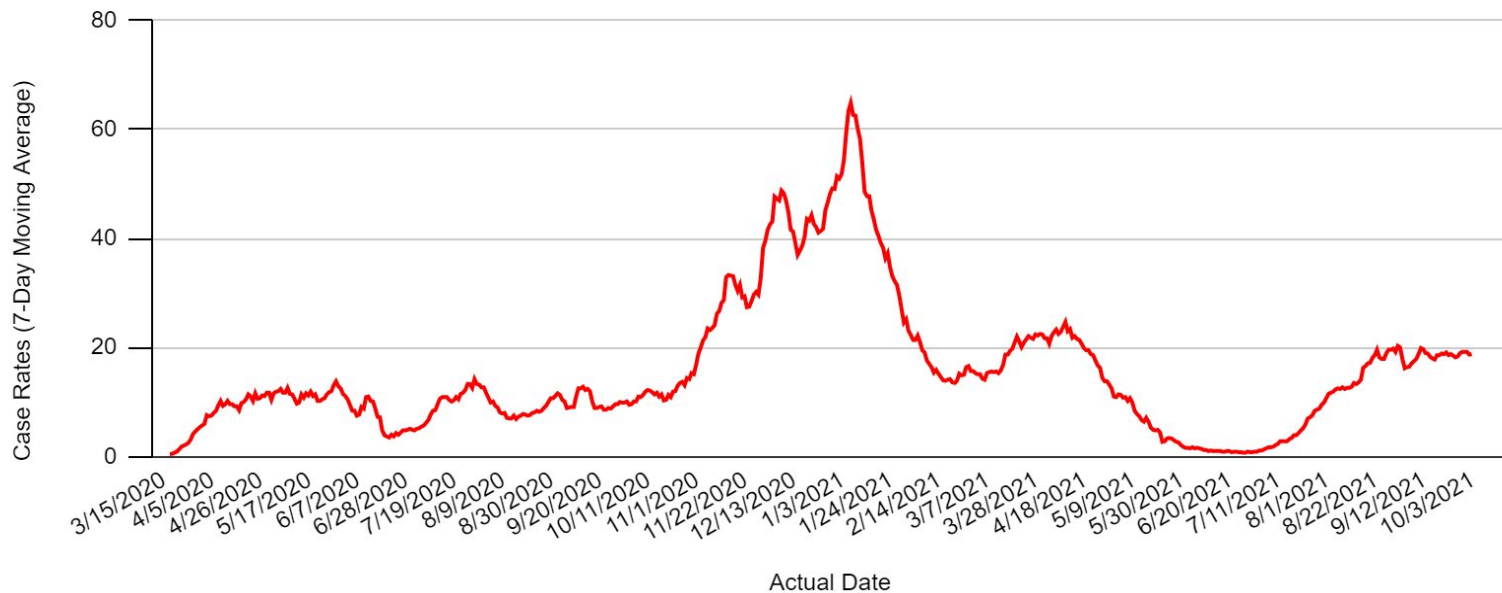
Older individuals are at higher risk for hospitalization than those who are younger. As vaccinations in those over the age of 65 have increased, hospitalizations in this group and overall have decreased. Nearly 70% of hospitalizations are now in those under the age of 65.

COVID-19 Hospitalizations, Anne Arundel County

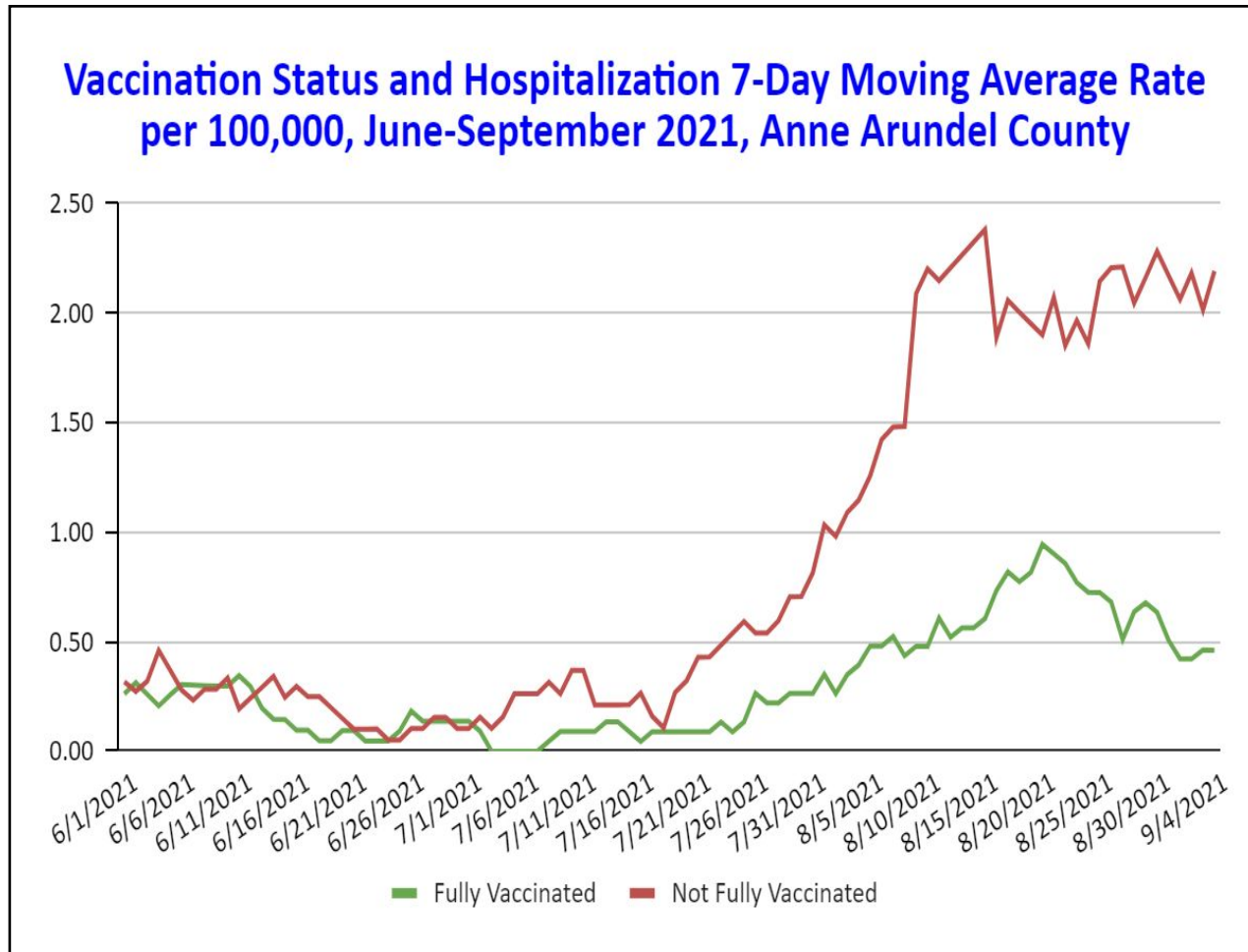


Covid-19: Cases per 100,000

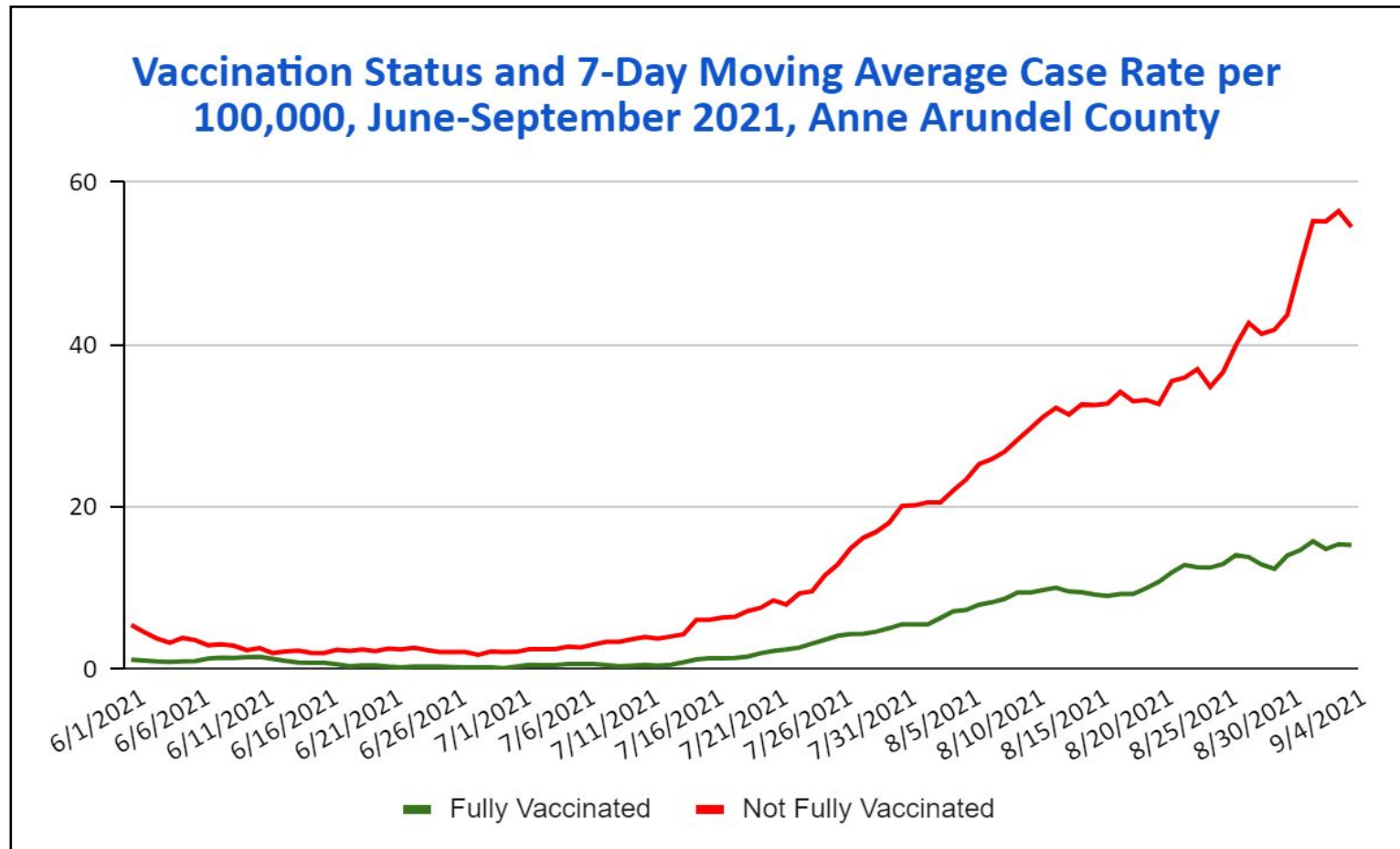
New Cases per 100,000, Anne Arundel County



Hospitalization and Vaccination Characteristics

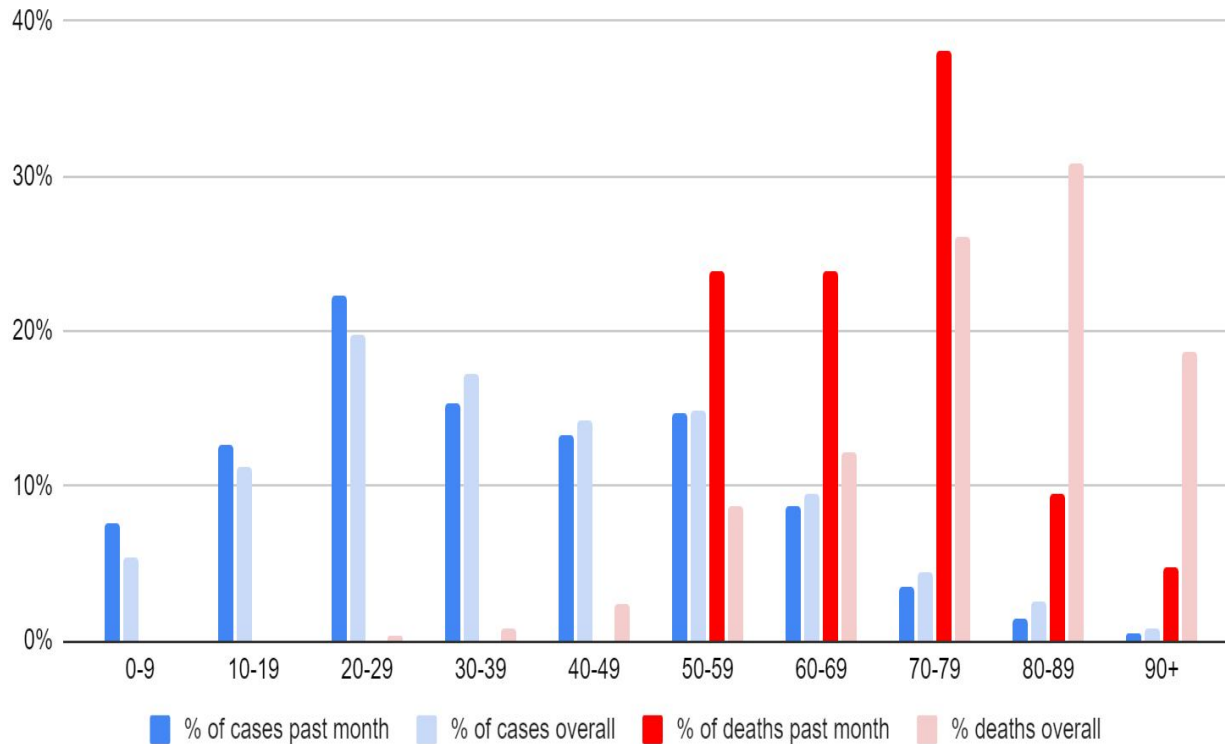


Covid-19 Case and Vaccination Characteristics



Covid-19 Cases and Deaths by Age Group

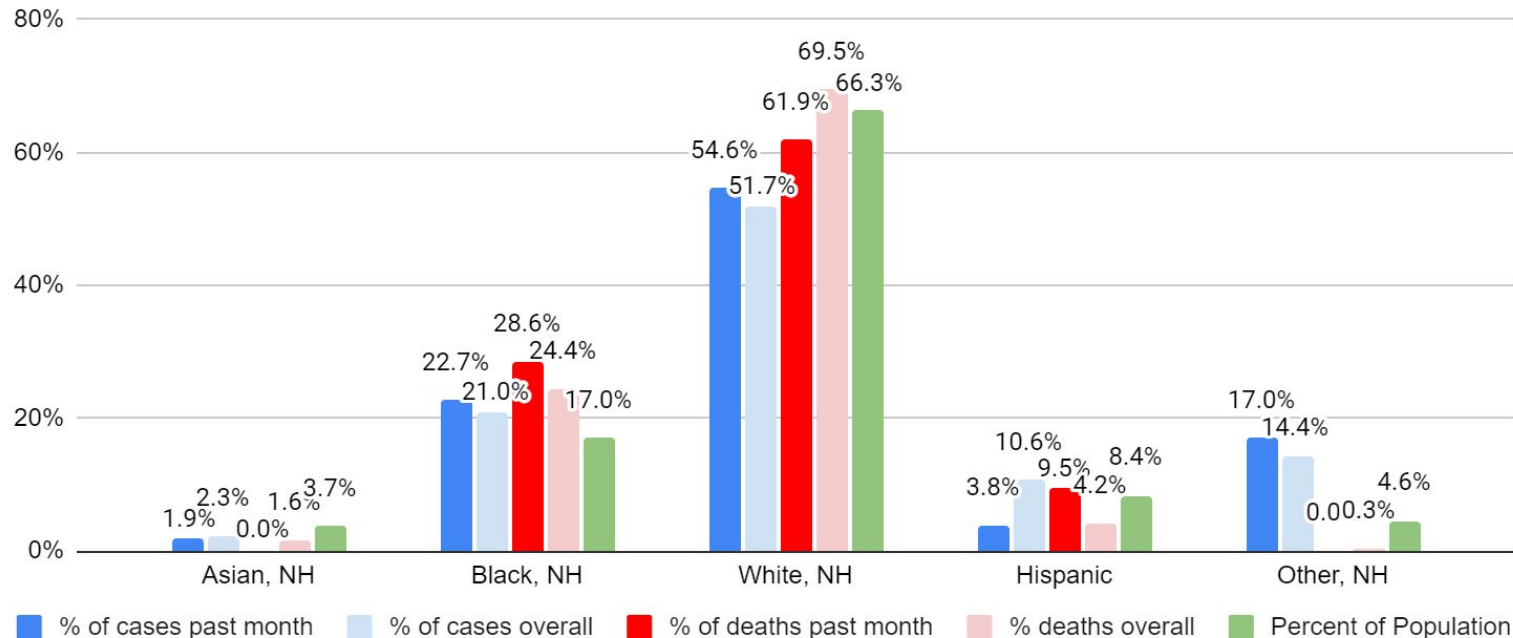
COVID-19 Cases and Deaths by Age Group



Covid-19 Cases and Deaths by Race & Ethnicity

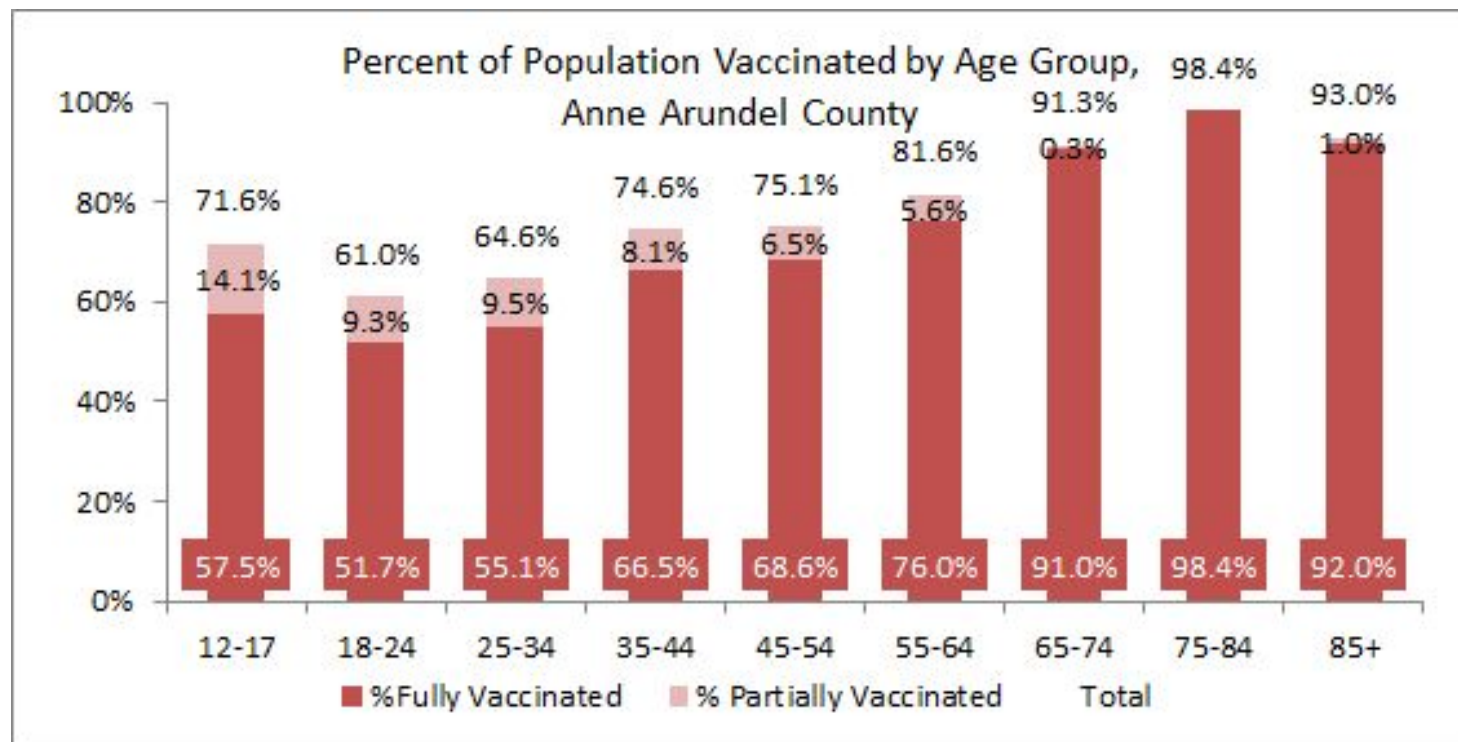
Covid-19 has shown the stark health disparities between different race/ethnicity groups in Anne Arundel County. Specifically, Hispanic and non-Hispanic Black individuals are disproportionately affected by Covid-19 compared to non-Hispanic White residents.

COVID-19 Cases by Race/Ethnicity



Covid-19 Vaccinations by Age Group

77% of Anne Arundel County residents aged 12 and older have had at least one dose of Covid-19 vaccine and over 72% are fully vaccinated.



Covid-19 Operations: Vaccinations

- Main Sites
 - Anne Arundel Community College
 - Drive thru - Glen Burnie
 - Lula Scott Community Center
 - Pip Moyer Recreation Center
- Homebound Initiative
- Mobile Vaccine Clinics
- AAMC and BWMC partnership
- Parole and Glen Burnie Health Centers
- Schools
- Faith based
- Businesses
- Corrections



Health Ambassador Project Goals

Targeted support for the Black & Hispanic communities that are impacted the most by Covid

- Support community capacity building by distributing mini grants to community partners
- Hire Community Health Ambassadors from local communities and neighborhoods
- Expand outreach and provide factual information surrounding the vaccine in underrepresented and minority communities



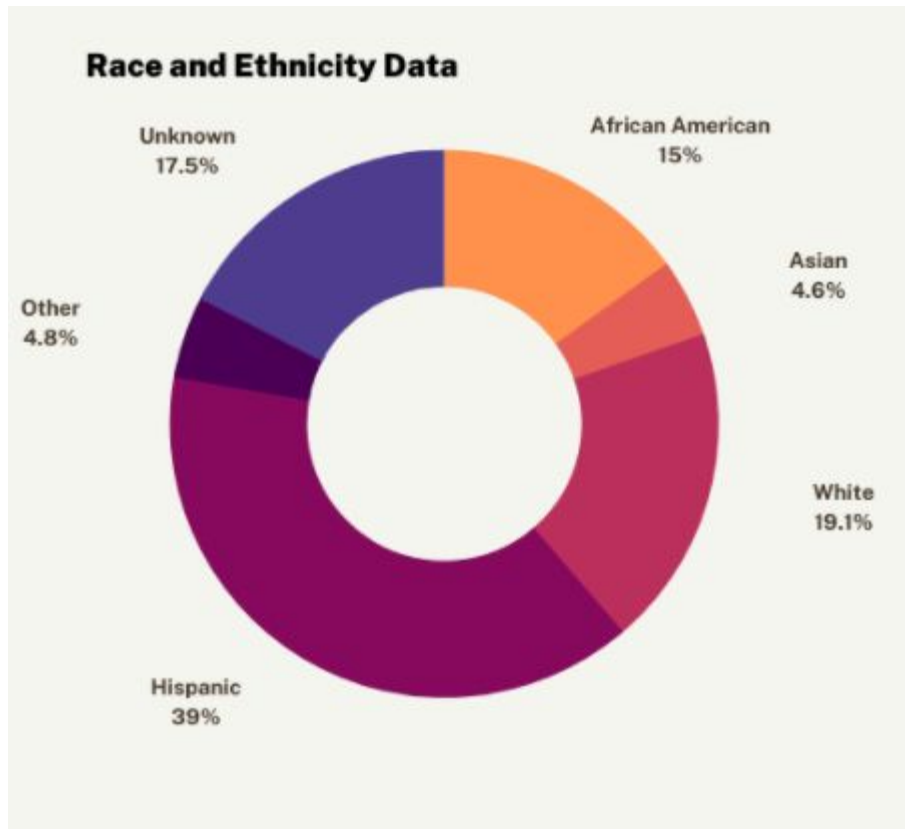
HOUSING AUTHORITY
of the City of Annapolis



HERITAGE
COMMUNITY CHURCH



Community Health Ambassador Data Snapshot



14,867 households visited in Anne Arundel County

522 residents signed up for a vaccine appointment with a health ambassador

15,107 PPE and face masks distributed

Trends for vaccinations **increased** significantly in target census tracts

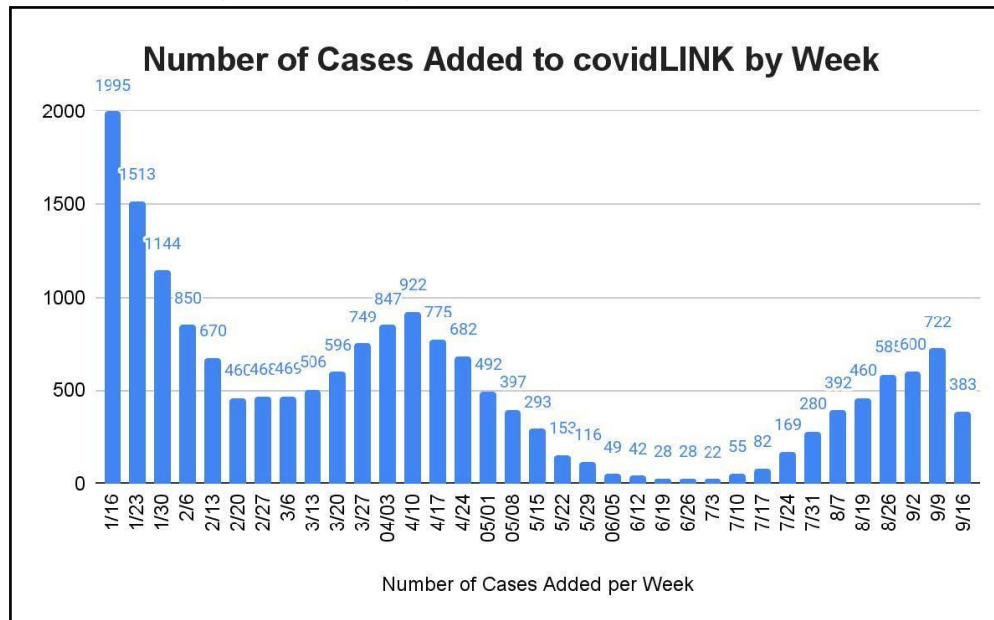
Covid-19: Response Activities

- Testing
- Vaccinations
- Contact Tracing
- Call Center/Email Bank
- Isolation/Quarantine
- Education
- Community/Business/
Agency Guidance
- Mental Health Resources
- Vulnerable Populations Support



COVID-19 Operations: Contact Tracing

- **50,000 Cases** have been handled in our electronic COVID Link system since June 2020.
- Anne Arundel County contact tracing is now a secondary county.
- Average # cases/day in August 2021: 125
- Average # contacts/day in August 2021: 73



COVID-19 Operations: Phone/Email Bank

94,611 Calls

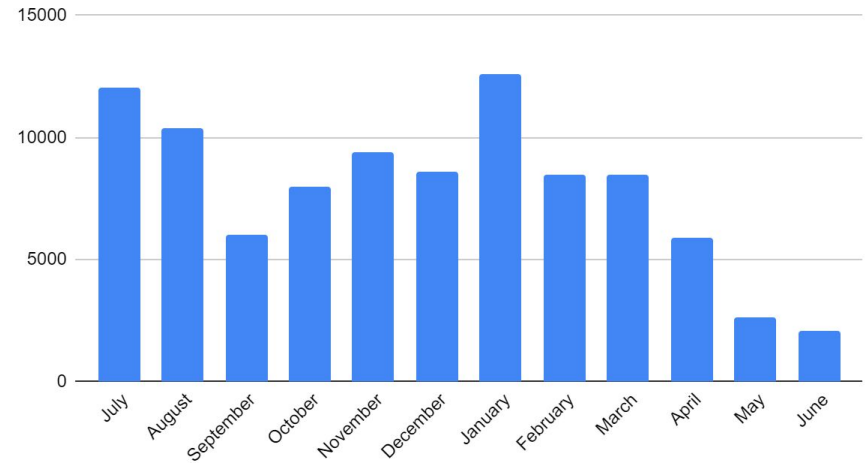
July 2020 - June 2021

16,792 Emails

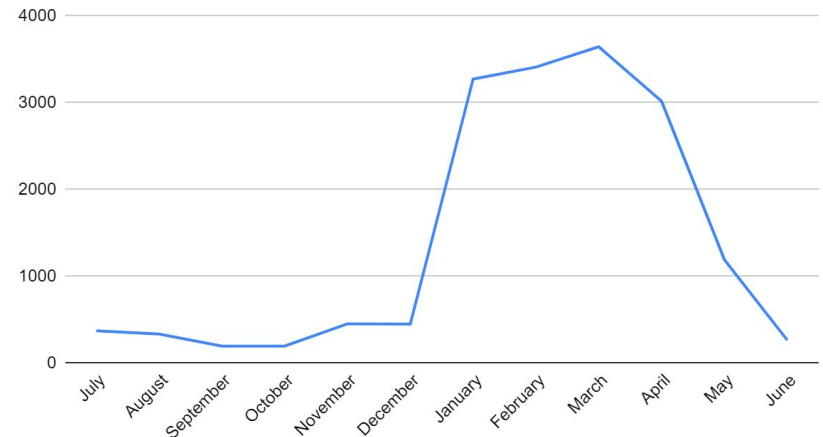
July 2020 - June 2021



Phone Bank Call Volume



Email Volume



COVID-19 Operations: Vulnerable Population Support

- Provided support to residents of Anne Arundel County who were experiencing homelessness.
- Provided COVID-19 testing and infection control safety guidance and recommendations to the Anne Arundel County Department of Social Services, Baltimore Washington Medical Center and Anne Arundel Medical Center.
- In collaboration with the Anne Arundel County Department of Social Services, coordinated COVID-19 testing for homeless clients prior to entering emergency shelters as well as ongoing monthly testing for all shelter residents.
- Offered COVID-19 vaccine to all homeless residents, both sheltered and unsheltered.

It's Worth A Shot Media Campaign

“

If you're on the fence
about getting vaccinated,
just know that it's quick,
easy, and safe.”

Aolani Gutiérrez



Visit aaccounty.org/covidvax or call **410-222-7256**



Anne Arundel County Executive Stuart Pittman
Anne Arundel County Department of Health

VAX PARA LA ESCUELA

El aprendizaje en persona es fundamental para el bienestar y el éxito académico de los estudiantes. Vacunar a los estudiantes contra el COVID-19 es la mejor manera de mantenerlos sanos, en el aula, capaces de participar en deportes y actividades extracurriculares, y fuera de la cuarentena

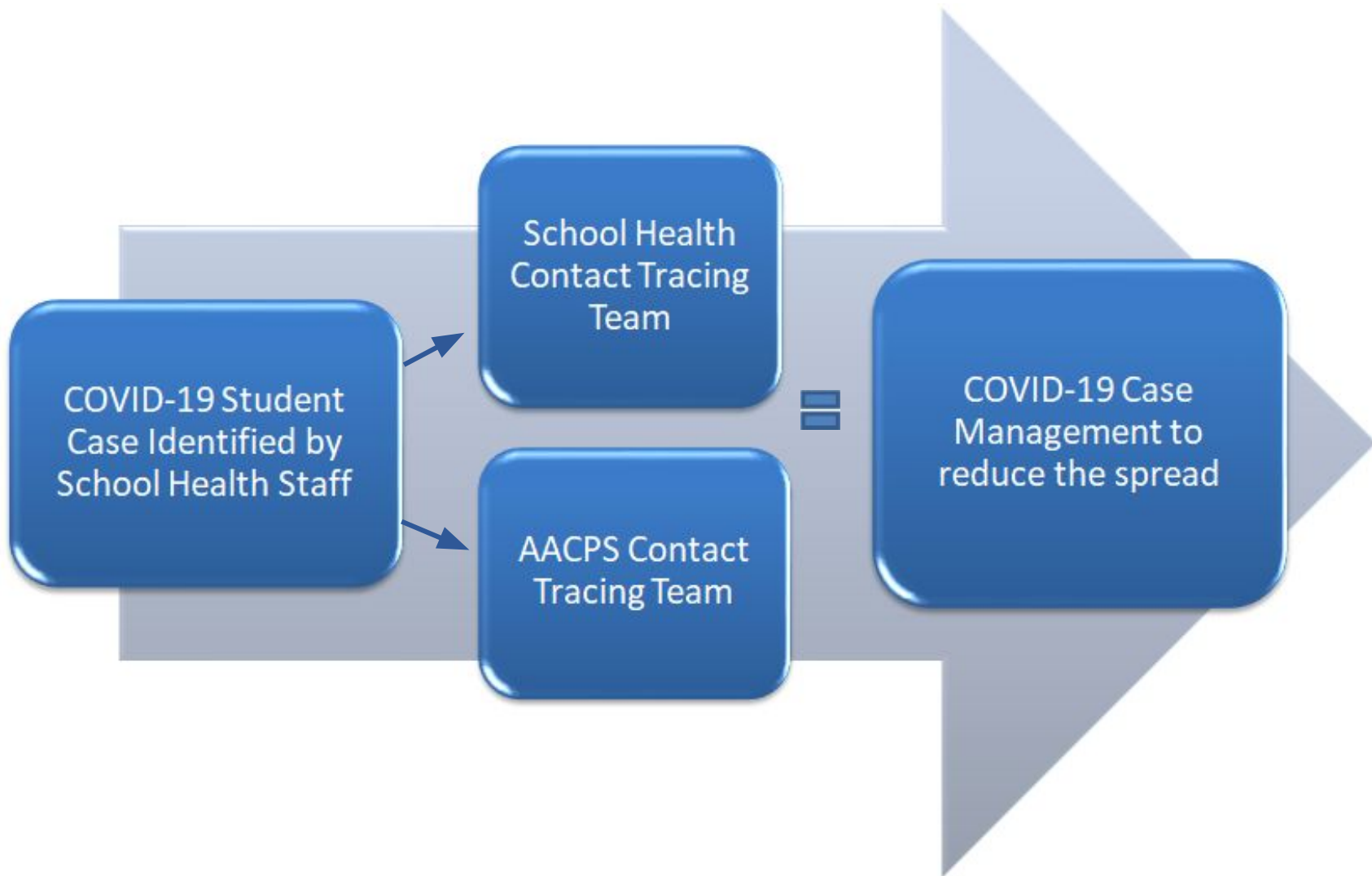
Demos a nuestros hijos el año escolar que se merecen. Programe su vacunación hoy mismo.

Para obtener una lista de las clínicas del Departamento de Salud, visite:
aacounty.org/covidvax



Ejecutivo del Condado Stuart Pittman
Departamento de Salud del Condado de Anne Arundel

Managing Covid-19 in AACPS



School Year 2021-22: Covid-19

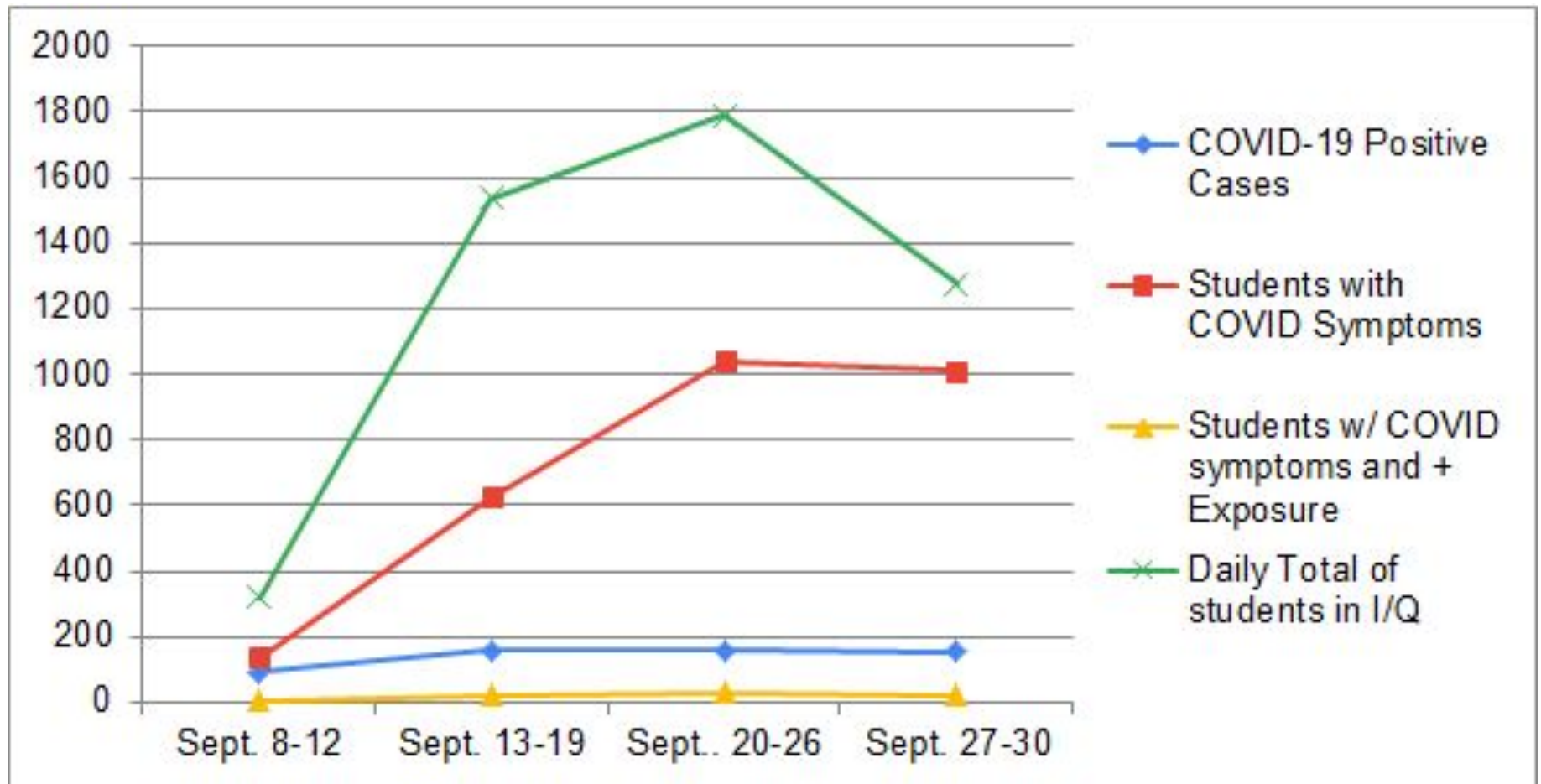
Case managing AACPS Students with symptoms of Covid-19 and who are Covid-19 positive. School Nurses and Support staff perform case investigation, case tracking, and contact tracing activities to identify and isolate cases, and quarantine close contacts to reduce transmission in the school setting.

SEPTEMBER 2021- Health Room Stats

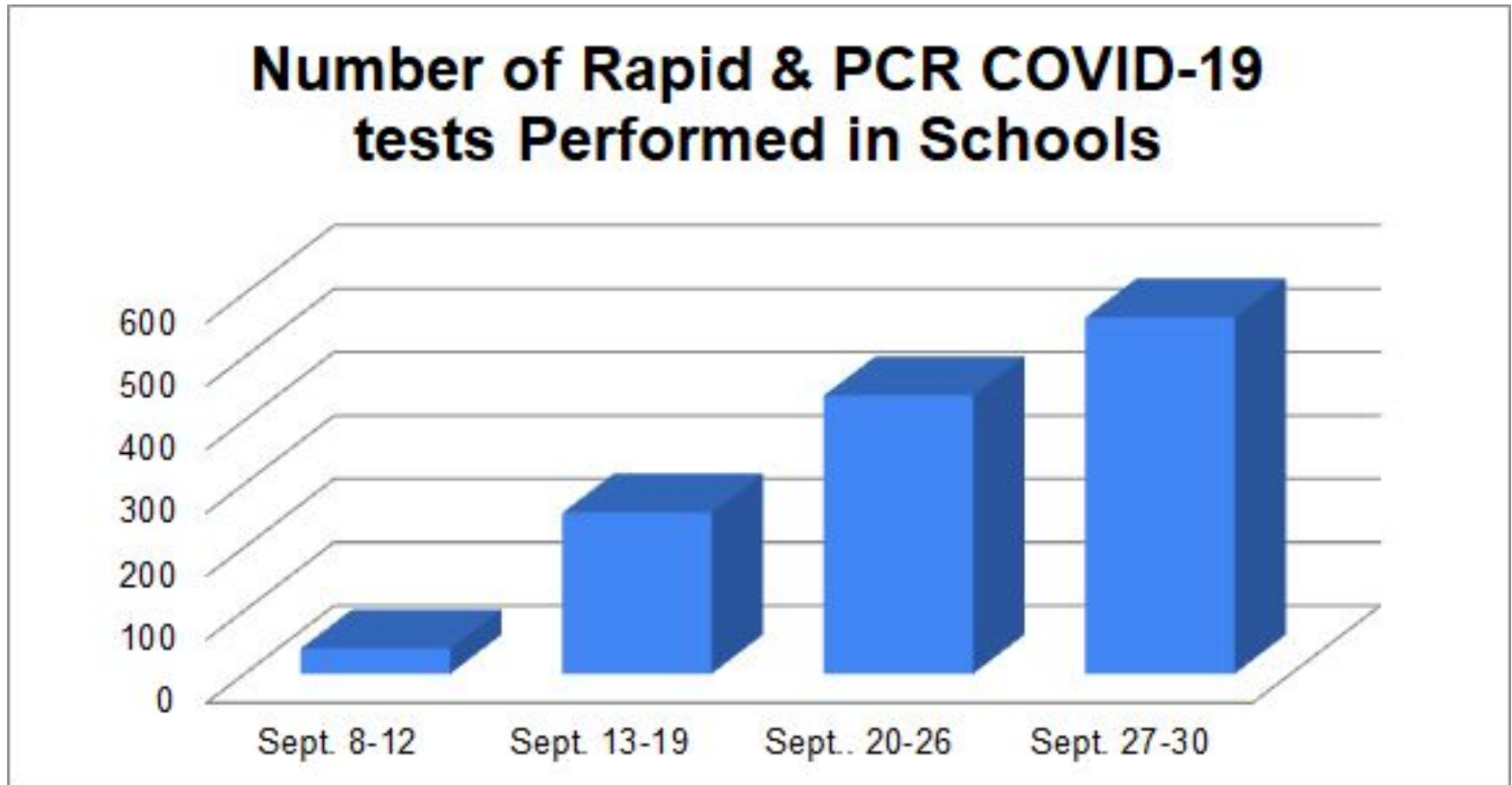
COVID-19 POSITIVE	COVID SYMPTOMS	PROBABLE CASES	ISOLATION/ QUARANTINE
578	2,812	80	4,957

School Health Covid-19

SEPTEMBER 2021- HEALTH ROOM DATA



September 2021- Diagnostic Testing



Total Rapid Tests Performed= 1,295

Total PCR Tests Performed= 21

Anne Arundel County Department of Health: Community Initiatives



Healthy Anne Arundel Coalition (HAAC)

- **Countywide collaborative led by the DOH**
 - Community organizations
 - Faith-based institutions
 - Economic development
 - Federally Qualified Health Centers
 - Hospitals
 - County government agencies
- **Goal:**
 - Identify and address community's priority health needs
 - Align resources within each member organization to achieve a common purpose



VISION

All people have the knowledge, resources and equitable access to care to improve their own health and well-being

MISSION

Working together to remove barriers and create optimal conditions that improve the health and well-being of *all* people, focusing on people impacted by health inequities.

VALUES

- Equity
- Cultural relevance
- Prevention
- Quality *and* length of life
- Collaboration

COMMON AGENDA FOR A HEALTHY ANNE ARUNDEL



FOCUS AREAS

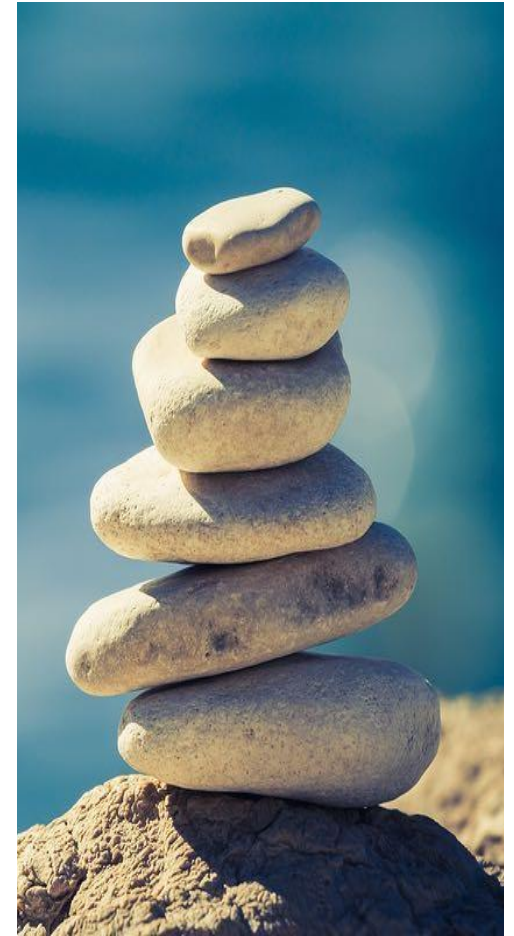
Mental health • Obesity • COVID-19 • Healthcare access

PRIORITIES | STRATEGIES | RESULTS

PRIORITIES	STRATEGIES	RESULTS BY 2030
Awareness and access to affordable, timely and quality health care	- County-wide inventory of the resources that exist in both the private and public health systems - Reduce systemic barriers and complexities in the health care system - Community engagement and public involvement in decision-making to advance solutions - Culturally competent community navigators and partnerships - Culturally-relevant role models to engage youth and establish healthy norms - Coordinated, multi-media outreach campaign (health education and resource fairs, bilingual outreach) - Free health clinics in targeted communities and around the county - Broader access to affordable health insurance	All communities are healthy and safe
Address social determinants of health	- Coordinate with organizations and collaboratives currently working to address social determinants - Trauma-informed and multi-generational approaches - School-based early education on social determinants and health outcomes - Broaden access to healthy food (i.e. food vans, farmers markets, community-based food pantries) - Transportation (improve walkability to care) - Universal Wi-Fi for telehealth and technology to improve access to information and connections to care - Economic stability	Improved physical and mental health and well-being
Eliminating systemic racism and inequitable health outcomes	- Echo and amplify county-wide public stance denouncing racism - More equitable policies that impact health outcomes (state/federal insurance) - areas/groups with biggest barriers - Adaptive systems to respond to changing community needs - Funding/grants for specific populations in need of health care - Multidisciplinary, team-based, care approach to identify disparities and ensure data is representative - Collect and share disaggregated, community-level data (zip code, race/ethnicity, income) to identify gaps - Training and education for health providers to strengthen cultural competency - Provider evaluation/accountability for improved and more equitable health outcomes	Improved quality of life and life expectancy

HAAC: Mental Wellness Workgroup

- **Action 1:** Promote the Anne Arundel County Network of Care through the development and implementation of a **communication strategy that effectively informs the community** of the network.
- **Action 2:** Create a more robust Network of Care by **engaging providers**.
- **Action 3:** **Recruit community members** (community leaders, business owners, etc.) to join the coalition and actively engage in MWWG actions.



HAAC: Healthy Eating Active Living

Focus Areas Under Consideration

- Increasing community access to healthy and nutritious foods across the county.
- Increasing community access to active living activities and programs across the county.
- Educate the community on healthy eating and active living habits, as well as risk factors for Diabetes.
- Create partnerships with various healthy eating and active living partners in the community.

Health Equity & Racial Justice

- **Health equity** means that everyone has a fair and just opportunity to be as healthy as possible.
- Data showed that racial, ethnic, income and geographic disparities were persistent in health measures
- In November 2019 Anne Arundel County declared racism a public health issue
- Stood up Office of Health Equity and Racial Justice



COVID-19 & Health Equity

- Principles for Equitable Vaccination
 - Access
 - Communication
 - Engagement
- Grant-funded Outreach to Provide Rent & Utilities Assistance, Medical & Hygiene Care Packages and Health COVID-19 Health Education Materials



Health Equity and Racial Justice Office - Innovation Award

Chosen as a winner of the 2020 County Innovation Award presented by the Maryland Association of Counties (MACo)



Gun Violence Intervention Team (GVIT)

- Address gun violence as a **public health issue**
- Multi-agency effort focused on reducing death and harms from gun injuries
- Utilizes Policy - Systems - Environment public health framework
- Modeled on Opioid Intervention Team



New Collaborative Site:

<https://aahealth.civilspace.io/en/projects/gun-violence-intervention>

Gun Violence Intervention Team

- Create and publish a monthly data report of gun violence data for Anne Arundel County.
- Develop and implement a public awareness campaign about safe gun storage to prevent gun violence.
- Implement a coordinated crisis response for reporting and following-up on gun violence incidents in Anne Arundel County.



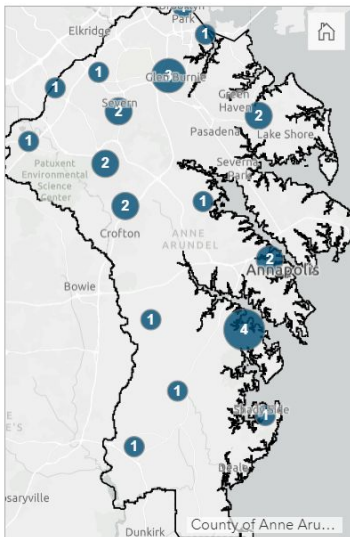
Gun Violence - Data

- Gun fatalities dashboard is now available
- Monthly gun violence data for Anne Arundel County
- Map and list of 2021 firearm injury data
 - 27 suicides by firearm (YTD)
 - 12 homicides by firearm (YTD)
 - Data broken down by neighborhood
- Maps of firearm suicide and homicide rates from 2017-2020

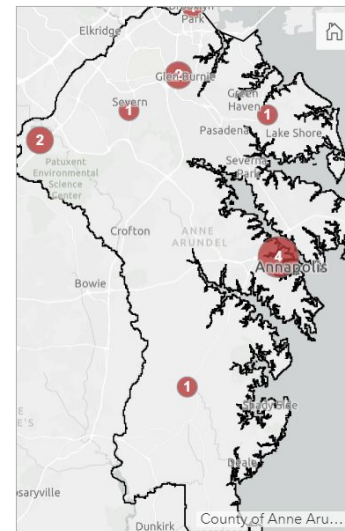


Data Mapping of Firearm Injuries

Gun-Related Suicides



Gun-Related Homicides



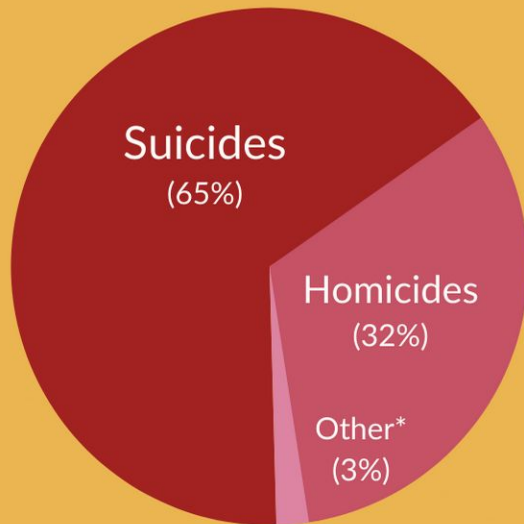
Gun Violence - Public Awareness

- Suicide Prevention Toolkit
 - Know the warning signs
 - Reach out for help
 - Secure your home - safe storage
- Targeted information
 - Veterans
 - Minority communities
 - Clinicians
 - Counseling on Access to Lethal Means (CALM)



You can prevent suicide.

Suicide is the most frequent cause of **gun death** in Anne Arundel County.



Firearm Deaths (2017-2020)

*Other includes gun deaths by accidental discharge and legal intervention.

Is your home secure?

LOCK UP: Securely store guns and store ammunition separately.

LIMIT ACCESS: Only the gun owner or designees should have access to keys or combinations.

TRANSFER: Use temporary off-site storage if you or a family member is suicidal.

Help is available

Suicide Prevention Lifeline

1-800-273-8255

Veterans Press 1

Crisis Text Line

741-741

Maryland Helpline

Call 211, select option 1

Text your zip code to 898-211

Community Warmline

410-768-5522

24 hours a day, 7 days a week

Putting **time and distance** between a suicidal person and a gun may **save a life.**

Concerned that a friend or family member may be suicidal?

Be alert to warning signs:

- Talking about wanting to die or to kill themselves
- Looking for a way to kill themselves, like searching online or buying a gun
- Talking about feeling hopeless or having no reason to live
- Talking about feeling trapped or in unbearable pain
- Talking about being a burden to others
- Increasing the use of alcohol or drugs
- Acting anxious or agitated; behaving recklessly
- Sleeping too little or too much
- Showing rage or talking about seeking revenge
- Withdrawing or isolating themselves
- Extreme mood swings

Gun Violence - Coordinated Response

- Build on robust network of crisis and emergency response teams with to develop a response plan for gun violence incidents to connect residents in crisis more quickly to appropriate resources and support.
- The impacts of gun violence are far-reaching, affecting the victims and the many individuals around them, including family members, friends, neighbors, and colleagues.
- The coordinated plan would detail the immediate response and ongoing follow-ups to help these individuals process and cope with the trauma of gun violence, provide wraparound services, and to deter future violence.

WEAR ORANGE



2021 **Wear Orange**

NATIONAL GUN VIOLENCE AWARENESS DAY

June 3

4:30 - 6:00 p.m.

Understanding Gun Violence in Our Community

Register for the webinar: tinyurl.com/WearOrangeJune3

6:00 - 7:00 p.m.

Turning the Curve on Gun Violence

Register for the interactive community engagement session:
tinyurl.com/TurnTheCurveJune3

June 4

1:00 - 3:00 p.m.

Violence Intervention Partner Workshop

Register for the interactive program workshop:
tinyurl.com/WearOrangeJune4

Special thanks to the Anne Arundel County Gun Violence Intervention Team (GVIT) member organizations and Clear Impact for their contributions to this program

For more information about the event, contact gun-violence-intervention@aacounty.org



Gun Violence

- Gun violence affects all people but it disproportionately affects young black males and older white males.
- When we compare gun-related deaths by suicide and homicide a stark difference jumps out.
- Nearly 80% all of the suicides by firearm are in White males but 57% of the homicides by firearm occur in Black males.

Sex/Race Category	Suicides	Homicides
Black Male	13 (8%)	50 (57%)
White Male	128 (77%)	20 (23%)
Black Female	3 (2%)	3 (3%)
White Female	19 (11%)	8 (10%)
Hispanic Male	3 (2%)	3 (3%)
Hispanic Female/Others	0 (0%)	3 (3%)
Total Deaths	166	88

Gun Violence Intervention Team (GVIT)

Goals

Coalition Coordination

1. Lead and coordinate gun violence interventions in Anne Arundel County and the City of Annapolis.

Policy

1. Monitor and advance evidence-based gun laws.

Awareness & Education

1. Prevent gun violence through education and increased public awareness.

Data

1. Collect and report data on gun-related incidents, injuries and deaths.

Community engagement

1. Disrupt cycles of community violence in engagement with community members.

Crisis response

1. Coordinate a response process to support victims of gun violence.

Suicide Prevention

- Suicides decreased from 79 in 2018 to 75 in 2019
- Data from 2020 not yet available
- Mental Health Task Force (MHA and AACPS)
- Mental Health First Aid training to police, AACPS & School Health staff, libraries, faith leaders, community organizations
- Lethal means reduction through safe storage
- STAR Program in AACPS
 - Substance use and Mental Health referrals expanded in HS and now in MS
- Mental Health Clubs for HS
- Suicide Awareness campaign
- 24/7 Warmline
- Suicide Prevention Awareness series with Kevin Hines

Suicide Prevention Mini Grants

- Two organizations received grants for the following activities:
 - Activities that address Mental Health, Suicide Stigma and/or Suicide Prevention and Awareness.
 - Suicide Prevention and Public Awareness Training
 - Activities that reduce access to lethal means of suicide. Examples include, but are not limited to
 - Any other evidence-based activities

Anne Arundel County Department of Health: Programs & Services



Anne Arundel County
Department of Health



Behavioral Health System

- Collaboration between AACDOH & AACMHA
- Goal: Facilitate a strong local behavioral health system that is integrated, complexity capable and contributes to the overall health and wellness of County residents



Effects of Covid-19 on Behavioral Health

- Significant increase in requests for services through the Crisis Response System (Warmline, Mobile Crisis, and Crisis Intervention) and the Mental Health Agency
- Opioid Overdoses in the county are slightly down from 2020
- Effects on families, children and the elderly has been significant
- Managing virtual and in-person schedules has been challenging including social isolation
- Anxiety and depression are increased
- Effect on the workforce, especially health care and front line workers, has been significant

Opportunities during Covid-19:

- More individuals are discussing behavioral health and wellness
- Increase in service demand indicates that individuals are willing to reach out for support
- Having these conversations leads to destigmatizing Mental Illness
- In FY 21, AACMHA staff provided 15 trainings on Resilience and Wellbeing around the State to support families, school personnel, and partner agency staff.

Behavioral Health Crisis: What you need to know:

The Signs

- Social withdrawal or isolation
- Loss of interest in hobbies and activities
- Reckless or impulsive behavior
- Paranoia
- Extreme changes in mood
- Extreme changes in sleep

The Risk Factors

- Known mental health disorders
- Alcohol and other SUD
- Hopelessness
- History of Trauma
- Sudden loss (death, relationship, job, etc.)
- Easy access to lethal means

Who to Call

- **Warmline: 410-768-5522**
- National Talk Line: 1-800-273-8255
- Coming Soon: 9-8-8

Mental Wellbeing Activities



DOH Behavioral Health Services

- Adolescent and Family Services continued to provide services via telehealth and in person as needed.
 - ➡ 361 families served (99 new admissions)
- Road to Recovery correctional clinics in Glen Burnie and Annapolis continued onsite medication services and telehealth and onsite counseling services.
 - ➡ 648 individuals served (158 new admissions)
- Peer Support Services (PSS) continued virtual recovery support services as well as outreach to individuals in the community.
 - ➡ 783 individuals served
- System Planning and Management continues to process requests for funding.
 - ➡ 1273 individuals provided SUD crisis beds
 - ➡ 390 individuals provided funding for recovery housing

Strengthening Families Program (SFP)

An evidence-based, 14 session program, which provides training in parenting; children's social and life skills, and helps participants to build a healthy and positive family relationship.

- Multi-family group intervention
- The program was reconfigured for a virtual platform while maintaining the fidelity of the model.
- Each family had dinner delivered to their homes every session.

Program was changed to meet the needs of the community during the COVID-19 pandemic.



BH: Telehealth

- Expansion of Medicaid Regulations to Permit Delivery of Telehealth Services.
- Expansion included audio-only calls used to screen patients, refer patients to health care services, provide treatment, and issue prescriptions (through 2023).
- Clinical services providers were equipped with cell phones and laptops with telehealth options including DoxyMe, Zoom and the EMR.
- Patient reports and program data suggests benefits of continuation of telehealth in a hybrid model of care.



BH: Telehealth

Adolescent and Family Services

- While over all sessions were shorter in length, there was a 16% increase in services provided.
- 87% of services completed in FY21 vs 73% completed in FY20



Road to Recovery

- 8% decrease in services due to the increase in take home dosing granted by SAMHSA to reduce risk of exposure.
- 91% of services completed in FY21 vs 84% completed in FY20

Wellmobile Is Virtual & In Person

On demand initiation of buprenorphine services during COVID-19

- Telehealth services for entire county, Mon-Fri
- In person
 - 2 days/week in Annapolis
 - 1 day week in Glen Burnie
 - Searching for a South County location

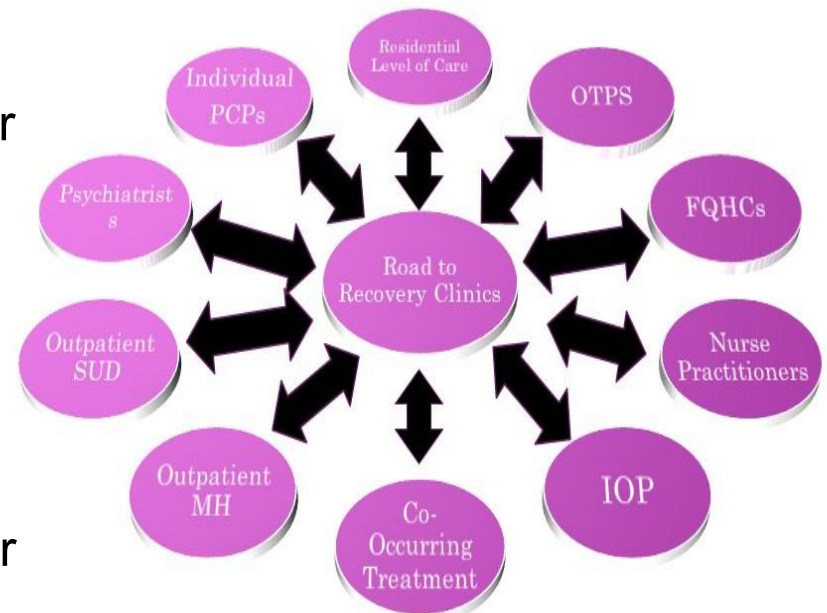
487 individuals have been served since its launch

- 56% of those served referred to a community provider
- 87% of those referred keep there initial appointment
- 56% of those who keep their initial appointment are still active >30 days



BH: Hub & Spoke

- Connects a network of community providers around a central hub that offers medications for opioid use disorder (MOUD) as a component of their care
- Supports the treatment of opioid use disorder within the chronic disease paradigm.
- Understands that while medications are not the only treatment for opioid use disorder, it is the most effective for the most people.
- Transfers between hubs and spokes are bidirectional.
- People with less complex needs may begin their treatment at a Spoke, other patients transition to a Spoke after beginning recovery in a Hub.



BH: Hub & Spoke

- Services began May 2021
- AAC DOH Road to Recovery clinics including the Wellmobile are the designated Hub.
- Currently have 7 “spokes”
- A MOUD Team consisting of a Nurse Coordinator, Behavioral Health Specialist and Buprenorphine Coordinator provide:
 - Coordination of transfers between the hub and spokes.
 - Outreach to engage new prescribers.
 - Learning collaboratives that enhance skills of prescribers and their treatment teams as well as facilitating systems change.

Goals:

- Increase the availability and utilization of buprenorphine in the County.
- Improve access to MOUD services.

Safe Stations

- Available 24/7/365 - individuals welcomed into any police or fire station seeking substance use treatment
- Crisis Response clinicians deployed to assess the individual and together they develop plan of care
- Reduce barriers for treatment success (criminal justice involvement, transportation, lack of insurance)
- 4,940 assessments completed since program began (4/20/17 – 6/30/21)
- 93% of AA Co. residents who were assessed were connected to substance use treatment

Harm Reduction: ORP

Overdose Response Program (ORP): The ORP is free and open to anyone who would like to learn:

- How opioids impact the brain and body
- How to recognize the signs and symptoms of opioid overdose
- How to administer naloxone
- How to care for someone who is having an overdose until emergency help arrives

Participants receive a free rescue kit that includes naloxone (Narcan®), a life-saving medication that may be able to restore the breathing of a person who has overdosed on opioids.

Harm Reduction: AA Power

AA POWER: is a peer-delivered and judgement-free street outreach harm reduction program, with a person-first approach and a focus on quality of life outcomes. Partner with communities to provide:

- Overdose Prevention: Naloxone (Narcan) Kits, Fentanyl Test Strips & Overdose Education
- Safer Drug Use: Split Safe Kits, Single Use Injection Kits & Safer Smoking Kits (without stems)
- Safer Injection Assistance: Bleach Cleaning Kits, Tourniquets, Sterile Water Vials, Syringe Disposal Containers, Wound Care Kits
- Infectious Disease Prevention: Safer Sex Items (Condoms & Lube), Sexually Transmitted Infection (STI), Hepatitis, & human immunodeficiency virus (HIV) Testing Education & Referrals
- Syringe Services Program

BH: Syringe Services

Syringe Service Programs are central to reducing disease and other health burdens among people who use illicit drugs. Over two decades of research have demonstrated the effectiveness of SSPs in preventing HIV and other blood-borne infections, as well as connecting drug users with a range of vital medical and social services and supports.

- April 2020, Maryland Department of Health authorized AACDOH to operate a Syringe Services Program.
- Syringe distribution began in November, 2020.



BH: Syringe Services

1961 Individuals received harm reduction materials

Referrals made:

- ❖ 174 Substance Use Disorder Treatment
- ❖ 172 Mental Health Treatment
- ❖ 115 Healthcare
- ❖ 172 Housing
- ❖ 102 Food
- ❖ 168 HIV/HCV services



AA POWER and ORP FY21 STATS

- Narcan Kits: 8,526
- Fentanyl testing strips: 12,772
- Individuals Trained: 5,395
- Wound Kits: 1,528



Pregnant Women and Women With Children

Pregnant Women and Women With Children Program
Provides outreach to pregnant women with Opioid Use
Disorders to connect them to resources and recovery.

89 Referrals

84 enrolled

1129 encounters



Opioid Intervention Team (OIT)

- County wide collaborative led by Health Department, Anne Arundel OEM and Annapolis City OEM
 - County Government Agencies
 - Community organizations
 - Faith based organizations
 - Persons in Recovery
 - Family Members
- Purpose
 - Develop a Unified Strategy to reduce non-fatal and fatal opioid overdoses
 - Integrate all stakeholders into the OIT from Local, State, and Federal government agencies as well as the private and non-profit sectors.
 - Coordinate stakeholders operations to achieve the unified strategy

OIT Coordination Plan

Opioid Intervention Team (OIT) Lucidchart Site



Anne Arundel County
Department of Health



ANNE ARUNDEL
COUNTY
MARYLAND



Site Navigation:

Access all pages on this site by clicking on the buttons below. Additional navigation options are available at the top of every page.



Strategic Plan: Strategic Imperatives and Objectives

Prevention and Education

Enforcement and Public Safety

Treatment

Recovery

Data



Resources and Links

Note: This site is still under construction. Use the survey on the Resources page to provide any feedback on this draft.

Overdose Survivors Outreach Services (ODSOS)

- Peers in hospital emergency departments offers OD survivors path to treatment and wrap around services
- Peers, in local ED, guide survivors through the process of connecting to care during and after ED visit



Road to Recovery at Ordnance Road Correctional Center

Opioid overdose death risk is 40-120 times higher on re-entry without treatment

- Provides methadone and naltrexone to incarcerated inmates and connects them to care on release
- Served 75 YTD FY21 (approximately 30% less than FY20 due to COVID)
- 100% were connected to community treatment upon release.
- Recognized as a National Promising Practice in July 2019
- Narcan provided to inmates upon release

Crisis Intervention Teams



- Crisis Intervention Teams are designed to:
 - **Prevent** crises from escalating into more intense situations
 - Reduce hospitalizations
 - Reduce incarcerations
 - Reduce homelessness
- Care Coordination
 - Eliminate barriers for vulnerable populations
 - Connect people to treatment resources and other benefits needed to support their treatment goals.

Crisis Intervention Team Services

- **Warmline**

- 24/7/365

- Average 2,084 calls/month during FY 20

- Average 2,725 calls/month during FY 21

- An increase of 30.8% +**

- **Mobile Crisis Teams**

- Average 199 dispatches/month during FY 20

- Average 254 dispatches/month during FY 21

- An increase of 28% +**

Note: There were no requests for services from schools during the COVID closures, which likely would have further increased the need for services.

Crisis:Training

- Focus on continuing to provide quality, affordable education units and seminars
- Mental Health First Aid (MHFA)
 - Identify signs and symptoms of mental illness
 - First in the country to train all police officers (now part of curriculum)
 - Training to all AACPS administrators and librarians
 - Training for all school nurses, health aides and teachers
 - Training for Faith leaders, community organizations and others as requested
- Crisis Intervention Team (CIT) School
 - 40-hour training to prepare police officers in specialized, intense mental health training
 - Trained Anne Arundel County Police, Annapolis Police, Secret Service, MDTA police, many other law enforcement partners statewide and nationally

Crisis: Mental Health Stabilization Services (MHSS)

- Crisis Response responds to schools and to the community to assist youth and their families during a behavioral health crisis and provide follow up services and linkage to community-based services.
- Crisis Response can refer youth, regardless of insurance status, to the MHSS Clinician to continue to stabilize the family until they are able to be fully connected to community-based services.
- 28 youth/families served in FY 21.
- Parents reported a **45% decrease** in the Intensity of the Behavior and a **52% decrease** in the Parental Perception of the Problem on average in FY 21.

Crisis: Jail Diversion

- Established in FY 2015, the program has a 9% Recidivism Rate (Average rate in MD is approximately 40%)
- Pre-trial. Screen positive for Mental Health/Substance Use Disorder
- Develop plan of care in cooperation with criminal justice partners - during COVID, CRS worked directly with judges, as there was no access to the Detention Centers
- Coordinate access to care to eliminate barriers for individuals to promote success (transportation, housing, insurance & benefits)
- Assist individuals with attending court dates

Crisis: Hospital Diversion

- Provide support to most vulnerable residents who do not meet inpatient criteria
- Develop and coordinate plan of care
- Reduce homelessness and/or incarceration
- Prevent suicide



HIV/STI Prevention and Care Program

HIV/STI Investigation, Prevention and Outreach

- Provides clinical services, including medical evaluation, testing and treatment to clients with STIs or who are at risk of STIs, including groups who are disproportionality affected based on race, socioeconomic status and sexual preference.
- Identify, educate, and refer to care partners of those with HIV and syphilis.
- Provides HIV/HCV counseling and testing services at various sites and supports follow up community testing.
- Improves prevention education efforts targeting the identified priority populations and supports additional community education efforts through partnerships with community groups.

HIV/AIDS Case Management

- Prevents and controls HIV/AIDS by providing medical, nursing, and social supports to residents who are living with HIV/AIDS and have no insurance or lack adequate health care coverage.
- Collaborates with communities and other partners to plan and coordinate surveillance and control efforts for HIV/AIDS.

HIV/STI Prevention and Care Program

HIV/STI Investigation, Prevention and Outreach

- Sexually Transmitted Infection Control
 - 764 STI provider clinic visits
 - 56 Syphilis cases
 - 639 Gonorrhea cases
 - 1,793 Chlamydia cases
 - 23 HIV cases
- Safe Sex Kits
 - 492 kits sent to clients

HIV/AIDS Case Management

- HIV/AIDS Case Management Services
 - 214 clients served
 - 23 new clients enrolled
- Primary HIV Care Clinic (Johns Hopkins Community Clinic)
 - 122 clients enrolled
- FY22 Priorities
 - Increasing Mental Health visits
 - Increasing Dental visits



Infectious Disease Prevention and Control Program

Epidemiology/Disease Surveillance

- Conducts case investigations on over 80 reportable disease conditions in the State of Maryland.
- Investigates possible human rabies exposure, determining the need for and assisting individuals in receiving rabies post-exposure treatment, performing rabies titers and providing rabies post-exposure vaccine clinics.
- Conducts investigations and site visits and assist facilities with outbreaks by providing infection control guidelines and specimen submission.
- Monitors pregnant hepatitis B surface antigen positive women to ensure infants receive hepatitis B vaccine and hepatitis B immune globulin at delivery, as well as recommended vaccinations during the first year.

Tuberculosis Control

- Ensures that all county residents who are suspected of having TB are identified and evaluated promptly and that an appropriate course of treatment is prescribed and successfully completed.
- Performs TB screening for high-risk individuals, including school-aged children from countries with high TB prevalence.

Immunization Services

- Provides a safety net for children and adults of Anne Arundel County who may not be able to get necessary immunizations elsewhere.
- Provides outreach services to immunization-delayed children, residents, schools and private providers.
- Reviews private school immunization records for children's vaccination status.

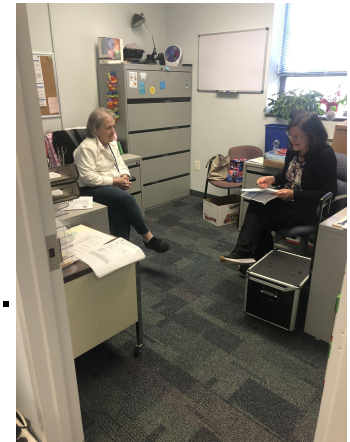
Infectious Disease Prevention and Control Program

Epidemiology/Disease Surveillance

- Entered 41,968 COVID-19 cases.
- Investigated 254 outbreaks (252 COVID-19 and 2 other).
- Received reports of 3 confirmed MIS-C cases.
- Conducted 1,514 other disease investigations.
- Investigated over 1,673 incidences of possible human rabies exposure, resulting in 164 residents completing recommended post-exposure treatment.
- 7 animals tested positive for rabies.

Tuberculosis Control

- Identified 10 new infectious TB cases, resulting in over 48 case contact investigations.
- Provided treatment for 3 cases that transferred from other jurisdictions.
- Provided 1,624 daily Directly Observed Therapy (DOT and vDOT) visits.
- Treated 15 cases for latent TB infection.
- Completed 448 Quantiferon TB tests and 32 TB skin tests.



Infectious Disease Prevention and Control Program

Immunization Services

- Immunized 2,461 children between the ages of 5-18 at area health centers, providing 5,654 vaccinations.
- Provided immunization education to 2,820 people who included Health Care Workers, residents, schools and community groups.
- Provided 2,375 flu vaccine to students and their families in Title I schools.

Childhood Lead

- 11 children have received case management for an initial blood lead level of 5-9 micrograms per deciliter.
- 8 children received case management with initial blood lead levels of 10 or greater.

OSHA

- Provided OSHA required trainings to over 215 new employees.
- Ensured that infection control and safety measures were in place during all COVID-19 operations and when staff started to return to work.

Chronic Disease Prevention Program: Cancer Screening Services

Breast and Cervical Cancer

- Provides breast and cervical cancer screening services to women who are Anne Arundel County residents, have incomes equal to or less than 250% of the Federal Poverty Level, and have no health insurance, or insurance that does not cover diagnostic services.
- Covers the cost of Pap tests, HPV tests, clinical breast exams, mammograms, diagnostic tests, and case management services for eligible County residents.

From July 1, 2020 to June 30, 2021 the program provided:

- 794 Clinical breast exams.
- 780 Mammograms resulting in 3 breast cancer diagnoses.
- 394 Pap tests resulting in 1 cervical cancer diagnoses.
- 339 HPV tests
- 1 lung cancer screening



Chronic Disease Prevention Program: Community Education

Tobacco Use and Cancer Prevention - Community Partners

- Due to COVID-19, all indoor in-person outreach and education activities were suspended.
- Many partners were able to complete outreach activities by holding virtual presentations and by conducting drive-thru activities.
 - 82 tobacco prevention and awareness activities were conducted by partners and the CE team educating 1,993 adults and 900 youth.
 - 26 cancer prevention and screening activities were conducted by partners and the CE team to educate 2,014 individuals.
 - 264 individuals participated in smoking cessation classes or individual counseling and 63 referrals were made to the Maryland Tobacco Quitline.

Chronic Disease Prevention Program: Community Education



- Tobacco Enforcement
 - Due to COVID-19, tobacco compliance checks were halted from April 2020 to September 2020. Checks resumed in October 2020. In FY21,
 - 557 checks have been conducted.
 - 414 retailers passed youth access compliance checks.
 - 99 retailers were issued first time violations.
 - 44 retailers were issued repeat compliance violations.
- FY22 Priorities
 - Increase clients in lung cancer screening program.
 - Develop vaping and smoking cessation resources for youth.
 - Partner with low-income housing locations to increase access to smoking cessation resources.

Brooklyn Park Healthy Food Pantry

- Curbside food and health education distribution every Thursday at North County Recreation Center.
- May 2021 - September 2021
 - Served 2,100+ families (7,800 residents).
 - Distributed **over 28 tons (57,796 pounds) of food.**
 - 40% or over 11 tons were fresh produce.
- FY22 Priorities
 - Partner to increase mobile community produce and food deliveries.
 - Implement food insecurity screening and provide food access resources and food boxes.
 - Complete Southern Anne Arundel County Community Food Assessment.
 - Build community and agency partnerships and capacity through the Healthy Anne Arundel Coalition to address equitable access to healthy food.



Brooklyn Park Farmers Market

- This market is a joint project between Anne Arundel County Public Schools Food and Nutrition Services and the Anne Arundel County Department of Health.
- Established in 2016.
- Runs from 11:00 a.m. to 2:00 p.m. every Monday for the entire summer.
- This is the only Farmers Market in Northern Anne Arundel County and is only one of two markets in Anne Arundel County that accepts federal nutrition benefits.
- Unique in that it provides free lunch, free books and other education and County resources through partners that include Anne Arundel County Police, the Anne Arundel County Fire Department, Anne Arundel County Public Library and Recreation and Parks.

June 2021 - August 2020 was the 6th season

In spite of the pandemic, there was impressive participation:

- 835 individuals were served.
- 303 youth and teen produce coupons were redeemed.
- 26 households used their federal nutrition benefits.
- Customers who are enrolled in federal food benefits received double their dollars for fruits and vegetables.
- New this year - 20 fresh produce boxes were provided to Restoration Community Development Corporation Summer Camp students for 8 weeks.
- New this year - 200 CSA bags were provided to children on a North County AACPS Summer Mobile Meals route. The children received a school lunch and a CSA bag filled with nutrition education and a flexible cutting mat.



Brooklyn Park Healthy Food Pantry

- Operated by the Community Education team in partnership with Anne Arundel County Food Bank, Anne Arundel County Public Schools and Recreation and Parks, Brooklyn Park Community of Hope, Maryland Food Bank and Restoration Community Development Corporation
- Addresses the Brooklyn Park food desert by providing fresh vegetables and fruit, meat, dairy and shelf stable foods



FREE CANNED, FRESH AND FROZEN
FOOD SELECTIONS

Depending on
Availability

OPEN THURSDAYS*
*Except holidays and during weather closings
4:00 – 7:00 PM
196 Hammonds Lane
Brooklyn Park, MD 21225
From Glen Burnie continue north Ritchie Hwy (Rt 2) past the Beltway (I 695) underpass.
Make a left onto Hammonds Lane. Make a right at the North County Recreation Center sign.
The Recreation Center entrance is in the back of the building.

FOR MORE INFORMATION CALL: 410.222.1020

**Please bring reusable grocery bags with handles.**
Be prepared to carry 20 to 40 pounds of food.



Supported by the Maryland Community Health Resources Commission. The views presented here are those of the grantee organization and not necessarily those of the Commission, its Commissioners or its staff. The services of the Brooklyn Park Healthy Food Pantry are available to all without regard to race, color, religion, political affiliation or opinion, national origin, age, gender identity, sexual orientation or disability.

Healthy Start Home Visiting Program

- Program provides wrap around support to include:
 - Mental health, interpersonal violence prevention and substance use screening
 - Health information
 - Referral to resources
 - Parenting education through nurses, parent educators, and therapists
 - Certified peer support specialist to high-risk pregnant/postpartum women and children up to the age of two.

In FY 2021, program served:

- 133 women impacted by substance use
- 115 of 128 newly enrolled pregnant women resided in high risk census tracts
- 96 newly enrolled infants
- 22 out of 29 births were >2500 grams, 7 births <2500 grams and > 1500 grams.



Dental Services

Services During COVID:

The North County clinic is back to full operations as of August 2021

September 1, 2020- September 30, 2021

- 1346 children
- 333 adults
- 170 emergencies



Dental Sealant Program

- The dental sealant program is currently underway at Parole-Mills Elementary School.
- Patient Care Coordinator: Provided coordination of care and information for 801 non-MA patients.

REACH

- Provides access to low cost primary, preventive and specialty health care to uninsurable, low-income individuals.
- **REACH coordinated care for 1,019 enrolled members** and 104 emergency cases for the following services
 - Primary Care Adult: 1241
 - Primary Care Pediatric: 84
 - Specialist: 749
 - Emergency Room Visits: 182
 - Inpatient Hospitalizations: 11
 - Outpatient: 261
 - Urgent Care 81



HEALTH CARE
IS WITHIN YOUR REACH

Anne Arundel County
REACH
Residents Access to a Coalition of Health

Member Name: John Smith	Member ID: 12345
Enrollment Dates: 09/07/09-09/07/10	Date of Birth: 1/21/55
Office Fee: Reduced	Procedure Fee: Reduced

REACH, Anne Arundel County Department of Health's affordable health care program for uninsured adults, offers access to:

- Doctor visits
- Check-ups
- Prescription medicines
- Lab work and tests
- Radiology services
- Dental services

Women, Infants and Children (WIC)

- Provides nutritional counseling and dietary supplements for pregnant and postpartum low-income women and children
- Provides lactation counseling and support to nursing mothers
- Average monthly participation rate is 5,582 participants.

MarylandWIC

Better Nutrition Brighter Future



The Maryland WIC Program is a nutrition program that gives extra food, tips on healthy eating, breastfeeding help, and referrals for other services for women, infants, and children.

Call for more information

1-800-242-4942

www.mdwic.org

AERS & Nurse Monitoring

Adult Evaluation and Review Services (AERS)

- Provide initial comprehensive evaluations, annual evaluations and significant change evaluations
- Develop a Plan of Care which recommends services needed to help the individual remain at home in a safe environment

Nurse Monitoring Services (NMS)

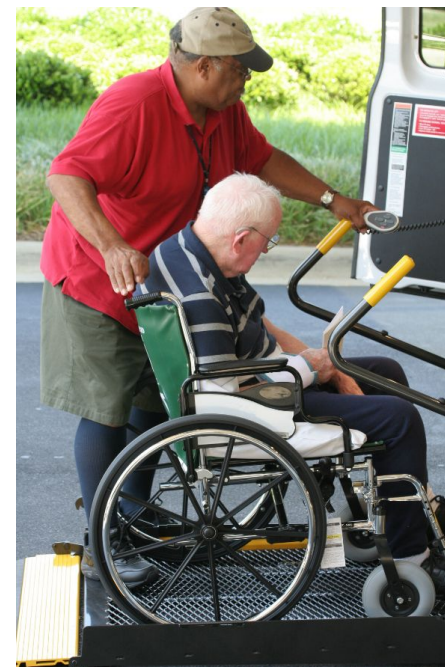
- Provide quality oversight by regularly assessing the participant's needs. Also monitor the activities of Personal Assistance Services, participant's health, welfare and safety

September 1, 2020- September 30, 2021

- AERS completed a total of 1,325 assessments: including 70 PEDS assessments and 29 assessments for people with serious mental illness and developmental disabilities
- NMS served 633 patients, excluding those who passed away and participants who are dis-enrolled.
- Both AERS and NMS resumed in-person only assessments as of August 16, 2021

Medical Assistance Transportation

- The Medical Assistance Transportation (MAT) Program provides non-emergency transportation to Medicaid covered medical services for eligible medical assistance residents who have no other means of getting to their medical appointments, so that transportation is not a barrier to care.
- The program has seen a reduction in services due to COVID-19 restrictions put in place statewide by the Non-Emergency Medical Transportation program (NEMT). Most of these restrictions have been lifted as of June 15, 2021. With the lifting of restrictions we are starting to see an uptick in transportation requests for eligible clients. From September 1, 2020 through September 30, 2021, clients have been screened and scheduled for transportation to approximately 37,241 medically necessary appointments.



Medical Assistance (MA) Eligibility Administrative Care Coordination

- Health insurance program for Maryland residents with qualifying income.
 - Currently 97,452 residents of Anne Arundel County receive Medical Assistance benefits.
- Medical Assistance Eligibility Program Completed:
 - 13,768 verifications,
 - 3005 applications from special projects,
 - 717 paper applications received from other sources.
- During COVID-19 set up a call center, where customers can receive full assistance over the phone.
 - Completed 3004 new Medical Assistance applications and 1768 renewals.
- Resumed seeing customers face-to-face by appointment in July 2021
 - Number of walk-ins since July 1, 2021 - 340

Administrative Care Coordination Program

- Administrative Care Coordination Program educates and helps MA recipients to navigate the Medical Assistance system.
 - Received 2,764 prenatal risks assessments referrals and responded to more than 9,771 telephone calls/emails/texts.
- 216 complaint resolutions resolved.
- 57 assistance request referrals from Managed Care Organizations
- Total of 1,270 successful contacts were made.
- Success rate of 53%



School Health Room Services

Health Room Statistics for School Year 2020-2021 (Virtual Until March- June 2021)

- 23,397 Total Health room visits
- Administered 6,880 medications
- Performed 5,461 treatments
- Rendered Care for:
 - 36 medical emergencies requiring 911
 - 127 Crisis Interventions including:
 - 8 Suicide threats
 - 157 Social/emotional
 - 93 Violence
 - 13 Substance abuse
 - 14 Abuse/neglect



COVID-19 School Year 2020-2021

Case managing AACPS Students with symptoms of Covid-19 and COVID-19 positive.

- School Nurses and Support staff performed case investigation, case tracking, and contact tracing activities to identify and isolate cases, identify testing resources, and quarantine close contacts to reduce COVID 19 transmission in the school setting.

Health Room Case Summary Totals for School Year 2020-2021:

	COVID-19 POSITIVE	COVID LIKE ILLNESS	PROBABLE CASES	ISOLATION/ QUARANTINE
MARCH	118	343	19	660
APRIL	213	280	19	1264
MAY	90	297	8	691
JUNE	8	316	3	524
TOTAL	429	1236	49	3139

SH: Recruitment/ Hiring/ Training School Year 2021-2022

August 19th - October 6, 2021

- **30 Registered Nurses**
- **2 Licenced Practical Nurses**



School Health's Maryland Board of Nursing Certified Nursing Assistant (CNA) & Certified Medication Technician (CMT) Training Program:

- **34 Health Assistant Candidates** (must pass the CNA/CMT training program)

Total Employees Hired/Trained = 66 Employees

School Immunization Compliance

- AACPS Total Student Enrollment= 90,853
- Students who are out of compliance with required immunizations to attend school= 530

99.9 %
Compliance Rate

School Nurses and AACPS staff are continuing to work to bring the remaining students in compliance.



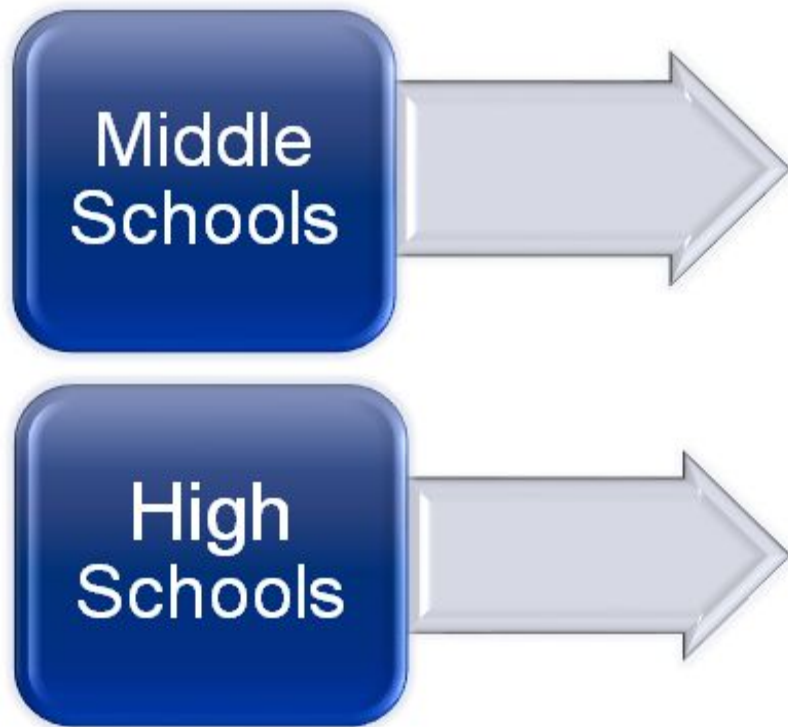
Vaccine Requirements For Children
Enrolled in Preschool Programs and in Schools — Per DHMH COMAR 10.06.04.03
Maryland School Year 2021 - 2022 (Valid 9/1/21 - 8/31/22)

Required cumulative number of doses for each vaccine for PRESCHOOL aged children enrolled in educational programs							
Vaccine Child's Current Age	DTaP/DTP/DT ₁	Polio ²	Hib ³	Measles, ^{2,4} Mumps, Rubella	Varicella ^{2,4,5} (Chickenpox)	Hepatitis B ²	PCV ³ (Prevnar TM)
Less than 2 months	0	0	0	0	0	1	0
2 - 3 months	1	1	1	0	0	1	1
4 - 5 months	2	2	2	0	0	2	2
6 - 11 months	3	3	2	0	0	3	2
12 - 14 months	3	3	At least 1 dose given after 12 months of age	1	1	3	2
15 - 23 months	4	3	At least 1 dose given after 12 months of age	1	1	3	2
24—59 months	4	3	At least 1 dose given after 12 months of age	1	1	3	1
60 - 71 months	4	3	0	2	1	3	0

Required cumulative number of doses for each vaccine for children enrolled in KINDERGARTEN - 12 th grade								
Grade Level Grade (Ungraded)	DTaP/DTP/Tdap/ DT/Td ^{1,6}	Tdap ⁶	Polio ²	Measles, ^{2,4} Mumps, Rubella	Varicella ^{2,4,5} (Chickenpox)	Hepatitis B ²	Meningococcal (MCV4)	
Kindergarten, Grade 1, 2, 3, 4 5 & 6	(5 –11 yrs) 4 or 3	0	3	2	2	3	0	
Grade 7	(11–13 yrs) 4 or 3	1	3	2	2	3	1	
Grades 8, 9, 10, 11 & 12	(13 - 18 yrs) 3	1	3	2	1 or 2	3	1	

* See footnotes on back for 2021-22 school immunization requirements.

Expansion of the STAR program Fall 2021



STAR Program for Students with
Substance Use Issues



Substance Use and Mental Health Screening

School Health Services Added to Evening High School, 3:15- 9:15 pm

4 High Schools Monday-Thursday

- South River HS
- Meade HS
- Glen Burnie HS, and
- North County HS



2 High Schools Tuesday- Thursday

- Severna Park
- Annapolis

SH: Audiology Program

School Year 2021-2022

Two audiologists provide mandated educational and clinical audiology services to over 350 AACPS students to identify hearing loss, and reduce or eliminate the negative impact hearing loss can have on a student's access to their education.



Services include:

- participation in IFSP/IEP/504 meetings to determine placement, services and classroom modifications
- classroom observations of students
- administration and interpretation of audiological examinations
- fitting and monitoring of assistive listening and personal amplification
- assessment of the classroom acoustical environment
- in-services to school staff regarding hearing loss, amplification and accommodations

SH: Vision and Hearing Screening

Provided vision and hearing screening in order to detect new or uncorrected vision or hearing problems that may impair a student's ability to access their education and reach their full potential.



Vision & Hearing Screenings Totals for 2020/2021
School Year : (Virtual Until March 2021/ Hybrid until June 2021)

	VISION NUMBER SCREENED	VISION NUMBER REFERRED	VISION NUMBER WITH FOLLOW-UP	HEARING NUMBER SCREENED	HEARING NUMBER REFERRED	HEARING NUMBER FOLLOW-UP
PUBLIC SCHOOLS	6,927	826	314	6,916	161	75
NON-PUBLIC SCHOOLS	675	50	19	680	12	5
TOTALS	7,602	876	333	7,595	173	80

EH: FSF inspections

- The Food Protection Services staff are responsible for the licensing and/or inspection of all food service facilities: restaurants, grocery stores, bars, mobile food trucks, bed and breakfasts and temporary events.
- Respond to complaints of food service facilities not operating properly or in a sanitary manner.
- Provide guidance to food service facilities on operating safely during the pandemic



Food Service Facility Inspections

- The Environmental Health Program performed 5,378 inspections at more than 2,500 licensed food service facilities.
- During the pandemic the 165 licensed mobile units were a valuable resource to the County while some food service facilities had seating restrictions.
- To provide a resource to communities, mobile trucks would go into neighborhoods to provide a meal option to working families and children learning from home.
- Mobile Units continue to be a valuable resource to our community providing food at many special events throughout the year.



Rabies

- 1997 - Anne Arundel County had the highest number of terrestrial rabid animals in Maryland with 97 including 79 raccoons.
- 1998 a piloted Oral Rabies Vaccination (ORV) program began on the Annapolis Peninsula.
- 2000 it was expanded to Gibson Island. 2003 it was expanded again to include the Broadneck Peninsula. The program went countywide 2011.
- This program was a partial federal government grant funded program and the grant was eliminated in 2011. By 2011, Anne Arundel County only had 4 rabid animals including 3 raccoons.
- 2012 and 2013 no vaccines were distributed due to lack of funding. By the end of 2013 the total number had increased to 30 rabid animals Including 27 raccoons.
- 2014 funding was included in Health operating budget. Vaccine was distributed again in 2014.
- 2015 rabid animals was down to 5 including 4 raccoons.
- 2020 ended with 13 rabid animals with 10 raccoons.
- 2021 so far there are only 3 rabid animals and all are raccoons



ORV

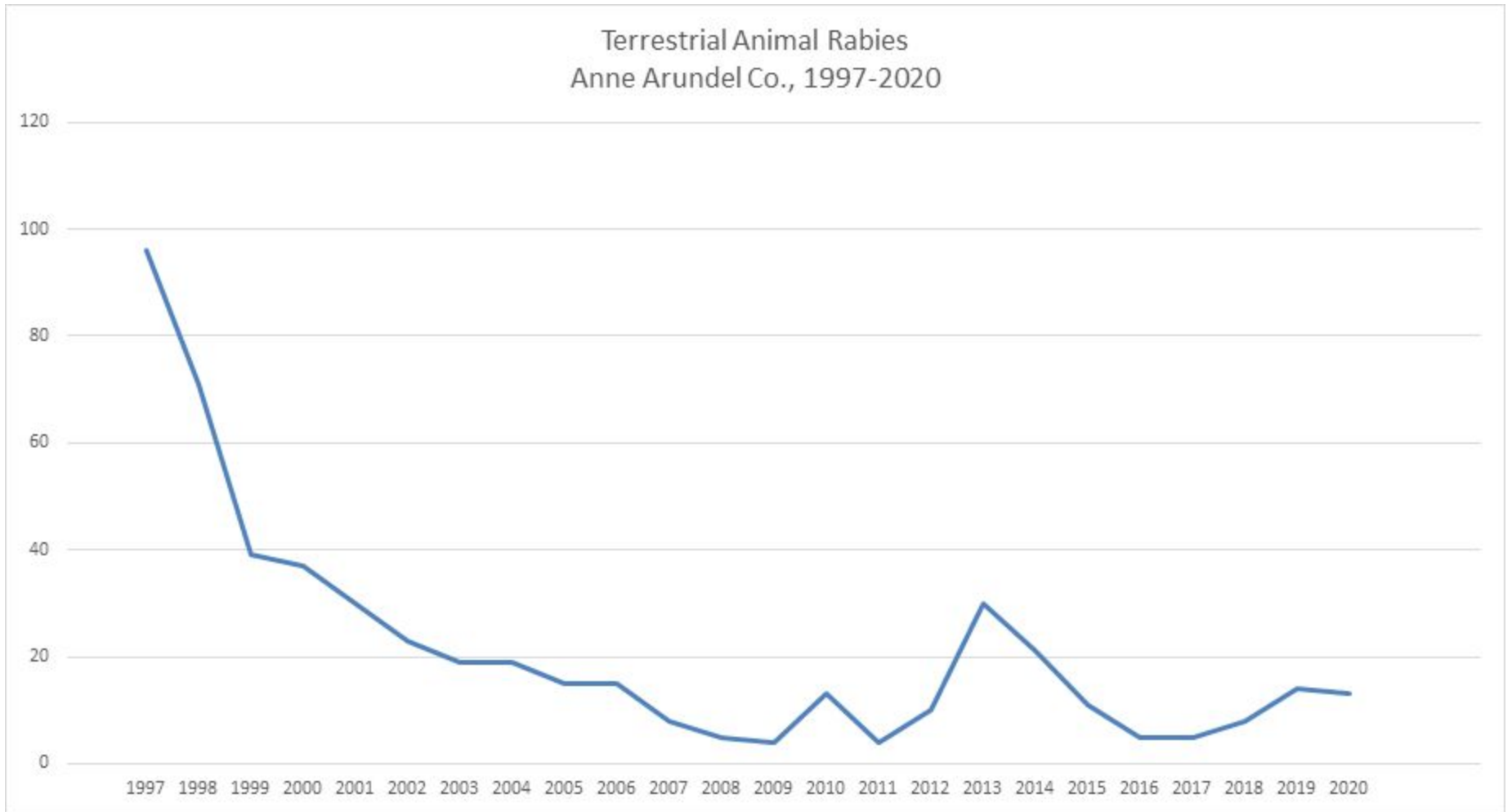
The 24th Oral Rabies Vaccination Program was administered and **84,500 rabies vaccines were distributed.**

The 84,500 vaccines were distributed by ground teams as well as by air. The Anne Arundel County Police helicopter is utilized to distribute vaccines by air. This is performed in all the large farm and wooded areas that are undeveloped. Police Department are a key partner for this campaign.



Rabies

Terrestrial Animal Rabies
Anne Arundel Co., 1997-2020



Bay Restoration Fund

- Seeks to improve water quality in the bay by reducing nutrient runoff, especially nitrogen, that lead to algal blooms
- For FY 2021, the Department of Health had \$3.47 million, and funded:
 - 12 public sewer connections
 - 226 BAT (Best Available Technology) installations
- For FY 2022, the Department has been awarded \$3.47 million



MORE INFO



aahealth.org



aahealth.org/covid19data



@aahealth



@AAHealth



THANK YOU



Anne Arundel County
Department of Health