



2020 • 2021
RESILIENT
Together



What a Historic Two Years!

The resilience of our county, staff and community partnerships enabled the Florida Department of Health in Seminole County (DOH-Seminole) to pivot; successfully meeting the unique and constantly changing demands of the COVID-19 pandemic.

In the closing days of 2019, we could not have anticipated the challenges before us. The COVID-19 pandemic compelled us to come together as a community and overcome adversity while managing our everyday lives.

This two-year health report reviews the many accomplishments that have been achieved during our response, the professionalism of our dedicated public health staff, and the many public and private partnerships created and renewed.

From the report of the first case of COVID-19 in Seminole County on March 13, 2020, to the Governor's Executive Order April 1, 2020, through the months of hospitalization stress, testing sites, vaccine roll-outs and the waves of COVID-19 variants, the Florida Department of Health in Seminole County continues to provide responsive, essential and accessible public health services.

The COVID-19 response has reinforced the importance of maintaining physical and mental health to be equipped to deal with challenges and remain resilient. As we transition into recovery and renewal, it is important that we reflect on all that was accomplished in 2020 and 2021 and how our successes in overcoming unique challenges has laid the groundwork for the great things we continue to accomplish in Seminole County.

We at the health department are here to serve and provide resources to help you achieve your health goals.

In health and wellness,

- Donna

We are the Florida Department of Health in Seminole County. As an integrated organization under the leadership of the State Surgeon General headquartered in Tallahassee, Florida, each county has a health department to carry out the core public health services as mandated by Florida Statute.

Executive Leadership Team

Left to right:

Ana Scuteri, MPH; Assistant County Health Department Director

Meena Joseph, MD; Medical Director

Donna Walsh, MPA, BSN, RN; Health Officer

Udgit Mehta, MBA, FCCM; Business and Community Relations Director

Sarah Wright, MPH, BSN; Executive Community Health Nursing Director



Donna J. Walsh, MPA, BSN, RN
Health Officer
Florida Department of Health
in Seminole County.

The Florida Department of Health in Seminole County

On July 22, 2021, DOH-Seminole All Staff Town Hall meeting took place at the Lake Mary Event Center. The Town Hall theme was *Celebrating You...Our Public Health Heroes*. Programs decorated their tables and staff were recognized for their years of service with the state of Florida.



Our Foundation--Quality healthcare, education, safety, disease prevention and community partnerships serve as the foundation for the services provided through the Florida Department of Health in Seminole County. With a focus on health equity and quality, using customer feedback and evidence-based practices, we accomplish our mission to protect, promote and improve the health of all people in Florida through integrated state, county and community efforts.

Our Values (ICARE): Innovation, Collaboration, Accountability, Responsiveness & Excellence

Florida Department of Health in Seminole County is the 3rd Healthiest County in 2021 in the State of Florida based on the Robert Wood Johnson Foundation County Health Rankings & Roadmaps.

Health for All is Our Vision

We want to be part of the solution. County Health Rankings & Roadmaps examines the issues and opportunities to ensure economic security and health for all. The Community Health Needs Assessment and Community Health Improvement Plan help us bring people together to look at the many factors that influence health, select strategies that can improve health for all, and make changes that will have a lasting impact.

Statistics

	2020	2021
Clients Served	22,704	139,933
Visits	32,548	268,898
Clinical Interns	30	19
Non-Clinical Interns	2	2
Total # of Employees	206	257

Meeting the Health Challenges of COVID-19

Responding to this new and emerging infectious disease presented many opportunities to collaborate as a community and strengthen relationships. With our partnerships, we rose to the needs to provide the community health response and mitigation of the pandemic which consumed all aspects of living, working, general health and wellbeing in Seminole County, the state and the nation from March 2020-December 2021 and beyond.

This timeline and brief overview documents the public health odyssey our Seminole County healthcare professionals have traveled through the past two-years. While challenging to the core, it has made us stronger, rewarded us, and taught us how truly resilient our County can be.

COVID-19

COVID-19 Statistics

	2020	2021	2020	2021
Total Vaccinations			Employee Hours worked related to COVID-19	
Seminole County	237	10,878	# of employee Hours	177 210
State	296,060	14,202,273		55,224 65,520
Total Cases			Volunteer Hours attributed to COVID-19	
Seminole County	18,117	53,764	# of interns Hours	105 169
State	1,317,213	2,903,572		4,800 4,680
Total COVID-19 Deaths			New staff hired related to COVID-19	
Seminole County	328	580	# of employees	65 95
State	23,553	39,363		

COVID-19 Response Timeline:

Jan 2020

WHO announces mysterious Coronavirus-related pneumonia in Wuhan, China

CDC begins airport screenings

First US confirmed case in Washington State on January 21, 2020

Feb 2020

Global Air Travel is restricted

US declares a public health emergency

DOH-Seminole Executive Leadership Team meets Feb 3rd to implement COVID-19 action plan and N95 respirators and mask

Mar 2020

WHO declares COVID-19 a pandemic

President Trump declares COVID-19 a National Emergency

March 13th First presumptive positive case in Seminole County

DOH-Seminole partnered with Seminole County Public Schools Administration for planning

March 17th DOH-Seminole started screening visitors of all campus buildings

Apr 2020

Governor DeSantis issued executive order on April 1st to shelter in place for 30 days

On April 3rd Seminole County issued a Social Distancing Order

DOH-Seminole through True Health started testing at the Apostolic Church of Jesus Christ in Altamonte Springs

DOH-Seminole County information phone call volume grew to over 3,000 per day

Gatherings were limited to 10 people social distancing 6 feet

May-Jun 2020

Phone response, prevention education, testing, press briefings and partnerships continued daily.


Partners included True Health, Allied Health, Seminole County Office of Emergency Management initiated testing sites across the County.

The Florida Department of Health COVID-19 Dashboard was launched to assist with slowing the spread.

June 5th the Governor's Phase 2 plan to reopen the state began

Jul-Aug 2020

Seminole county issued an Executive Order requiring face masks and social distancing at 4th of July celebration




Adonis Murillo from facilities received DOH-Seminole's first shipment of Moderna COVID-19.

Sep 2020

September 1st Florida Department of Emergency Management lifted nursing home visitation restrictions

September 3rd DOH-Seminole staff held training exercise preparing for vaccine roll-out



Connie Thomas, Senior Community Health Nurse, is the lead for vaccine outreach and was recognized as Employee of the Year for 2021. In the photo she prepares the vaccine for the first responders.

Oct-Nov 2020

Oct 6th Governor DeSantis announced receipt and distribution plan for rapid tests

Nov 17th FDA authorizes All-In-One home rapid tests

Dec 2020

First Pfizer COVID-19 vaccination was given in England

December 22nd Seminole County received their first shipment of vaccines.

December 23rd DOH-Seminole started vaccinating first responders, healthcare workers and front-line staff



Health Officer Donna Walsh receiving her first COVID-19 vaccine, December 23, 2020.

Jan-May 2021


DOH-Seminole expanded access to all testing and vaccination programs, recognized by Seminole County Government for outstanding efficiency, innovation, equity and professionalism for the 2021 COVID-19 response

May-Jun 2021

Seminole County rescinded the mask mandate

Vaccines approved for 12-15 year olds

Cruise ships were authorized to resume sailing with reduced capacity



Udgit Mehta, Business Manager and Logistic Chief placing the COVID-19 vaccines in the dedicated refrigerator, March 2021.

Dec 2021

Implementation of the COVID-19 programs challenged DOH-Seminole to invite as many community partners as possible to assist with reaching out to offer education, testing and vaccinations. These partnerships included:

- Seminole County Office of Emergency Management
- Seminole County Public Schools
- True Health
- Allied Health
- American Muslim Community Clinic
- All the hospital and healthcare partners
- Faith-based organizations
- Businesses
- Community based organizations

This is the first community testing event at the Apostolic Church of Jesus Christ in Altamonte Springs. An on-site press conference took place with Seminole County Government, DOH-Seminole and True Health. A total of 250 tests were given during the event.

Press Conference at the Apostolic Church of Jesus Christ in Altamonte Springs. Health Officer Donna Walsh, Alan Harris, Emergency Manager for Seminole County Emergency Management and Latrice Stewart, CEO True Health spoke with the media.

Donna Walsh providing a COVID-19 update during a Seminole County press conference on October 1, 2020. The focus of the press conference was on the Seminole Cares Act, Census, Mask Ordinance, COVID-19 update and elections.

School Health Program Manager Gloria Rivadeneira and Enid Santiago from the Community Integrated Mobile Health Services participating at the Back 2 School Bash outreach event, July 31, 2021.

Resilient and Healthier Together through Community Collaborations

The Florida Department of Health in Seminole County has, historically, enjoyed a variety of mutually productive collaborations with public and private partnerships for programs, grants and services. During the COVID-19 years of 2020 and 2021, DOH-Seminole relied on existing and new partners more than ever.

Mindful that the COVID-19 services were unexpectedly added to the in-progress comprehensive community and public health programs underway, the long-standing partnership relationships were challenged in 2020 and 2021. In every case, the collaborations grew to successfully meet the additional needs and high health standards of Seminole County.

Implementation of the COVID-19 programs challenged DOH-Seminole to invite as many community partners as possible to assist with education, testing and vaccinations.

These partnerships included:

- + Seminole County Government and Office of Emergency Management
- + Seminole County Public Schools
- + Private Schools
- + Seminole State College
- + Early Learning Coalition
- + True Health
- + IMPOWER
- + Oviedo Mall
- + The Links, Incorporated Altamonte Springs (FL) Chapter
- + Allied Health
- + American Muslim Community Clinic
- + Bueno Pharmacy
- + Assisted Living Facilities, Long Term Care, Nursing Homes, Group Homes
- + All the hospital and healthcare partners
- + Area Faith-based organizations, businesses, and non-governmental organizations



Seminole County Commission Chairman Jay Zembower joined by Seminole County Emergency Manager Alan Harris and American Sign Language Interpreter during a COVID-19 press conference, April 29, 2020.



Seminole County Commission Chairman Lee Constantine during a COVID-19 press conference, December 21, 2020.



Executive Community Health Nursing Director Sarah Wright received her first COVID-19 vaccine by nurse Gladys Fernando from DOH-Seminole School Health Program on December 23, 2020.

Seminole County to Receive Doses of Moderna Vaccine

Orlando Sentinel • Dec 21, 2020 • Seminole County, FL

"We have to really make sure that we are doing everything we can, as we start these vaccinations, to not let down our guards," Commission Chairman Lee Constantine said. As members of Seminole's "vaccination teams," county paramedics, EMTs and front-line health workers will be the first to receive the Moderna doses this week. That way they can assist teams from Walgreens and CVS who also will start entering nursing homes and long-term care facilities to vaccinate elderly residents, said Donna Walsh, Seminole's health officer for the state Department of Health.

"If they need support, they will ask our county health department to go into those facilities alongside them. So, we stand ready for that," Walsh said.

The Florida Department of Health in Seminole County

Seminole County Opens First Vaccine Site for Elderly Residents at Oviedo Mall

Channel 6 Local News • December 28, 2020

SEMINOLE COUNTY, Fla. – Seminole County was one of eight counties in the state selected for a pilot program that has workers distributing the Moderna COVID-19 vaccine at the Oviedo Mall this week.

Seminole County's Emergency Manager Alan Harris said he had been talking about this program for about six months and said he was very vocal with the state leaders and told them he'd like to be a part of the pilot program.



The American Muslim Community Clinic started to provide COVID-19 vaccines on Saturday, February 13, 2021.



Media briefing at the Hindu Society of Central Florida Temple in Casselberry where vaccines were administered on February 26, 2021.



Donna Walsh addressing the media during announcing the move to the new Oviedo mall location, January 12, 2021.

Health Officials Offer Free Coronavirus Testing for Seminole County Hispanic Community

Spectrum News 13 • May 09, 2020

SEMINOLE COUNTY, Fla. — Pop-up coronavirus testing continues in Seminole County and health officials, a local pharmacy, and the American Muslim Community clinic teamed up and for people in the Hispanic community to get tested for free.

Buena Pharmacy teamed up with the health department to make this testing possible. Dr. Anthony Maldonado, who is Puerto Rican, is volunteering his time.



Donna Walsh addressing the media during a media availability at the Masjid Al Hayy Mosque in Sanford where COVID-19 vaccines were being administered on February 27, 2021.

Seminole County Holds Mobile Vaccination Site at Sanford Mosque

Spectrum News 13 • February 26, 2021

SANFORD, Fla. – Seminole County held a mobile vaccination site at the Masjid Al Hayy Mosque in Sanford on Saturday in an effort to reach additional communities across the county. ...Minaz Manekia with the mosque said they wanted to give back to the community. "This was the best way for us to go back and give out these vaccines to our community so we can all fight this COVID-19 pandemic and we can all get back to our lives," Manekia said.

Our Services and Programs

The Florida Department of Health has been an Accredited Institution through the Public Health Accreditation Board (PHAB) since March 15, 2016. The seal of accreditation signifies that the unified Florida Department of Health, including the state health office and all 67 county health departments, has been rigorously examined and meets or exceeds national standards for public health performance management and continuous quality improvement.



The Florida Department of Health in Seminole County remains one of the top ranking counties year after year based on the health metrics because of outstanding programs and professional staff.

There rankings are based on six foundational documents for accreditation which are the:

- + Community Health Needs Assessment (CHNA)
- + Community Health Improvement Plan (CHIP)
- + Strategic Plan (SP)
- + Workforce Development Plan (WFD)
- + Quality Improvement Plan (QI)
- + Emergency Operations Plan (EOP)

Following are recaps of much of the program activities that contributed to achieving the high ranking outcomes for 2020 and 2021.

The Breast and Cervical Cancer Early Detection Program partnered with Women's Center for Radiology for Mobile Mammograms. Jeanette Maldonado, Venise White and Stephanie Jackson educate a participant, May 2021.



Academic Health Department

DOH-Seminole has created and instituted an Academic Health Department.

An academic health department is formed by the formal affiliation of a health department and an academic institution that trains future health professionals. Sometimes described as the public health equivalent of the "teaching hospital" affiliation found between hospitals and medical schools.

DOH-Seminole has partnered with over 40 academic institutions. These partnerships have helped to strengthen the links between public health practice and academia.

DOH-Seminole has hosted Florida EIS (Epidemic Intelligence Service), CDC PHAP (Centers for Disease Control and Prevention Public Health Associate Program) and CSTE (Council of State and Territorial Epidemiologists) fellows to name a few during the past few years.

Breast and Cervical Cancer

The Breast and Cervical Cancer Early Detection Program (BCCEDP) in Seminole County provides clinical breast examinations, screening and diagnostic mammogram referrals, and pap smears to women 50-64 years of age who are uninsured Florida residents in Seminole, Orange, Lake and Osceola counties. These women are at 200% of the poverty level.

In 2020, 108 clinical breast exams and pap services were provided, and 114 women received mammograms and diagnostic services at partnering imaging centers. In 2021, 124 clinical breast exams and pap services were provided, and 100 women received mammograms and diagnostic services at partnering imaging centers.

A new partnership with AdventHealth Imaging Centers was acquired to now offer more convenient services to Seminole County residents.

Refugee Health

The Refugee Health Program serves refugees, political asylees and parolees who have recently immigrated to the United States. In 2020, 36 refugees were served and in 2021, 83 refugees were served. The program provides an initial health history, mental health and physical assessments, a comprehensive laboratory screening for communicable and chronic diseases, routine immunizations and immigration form validations for those clients seeking to adjust their immigration status.

Community Integrated Mobile Health Services

The Community Integrated Mobile Health Services (CIMHS) program provides community-based health screenings, testing, education, and referrals to populations with limited access to care in Seminole County. CIMHS lead outreach events in under-served areas to improve awareness of COVID-19 and chronic disease management strategies. CIMHS also serves the community through home visitation programs which target multiple chronic health conditions.

By going into the community, CIMHS services reduce or eliminate transportation and financial barriers to ensure the under-served who experience health disparities receive much needed medical screenings, testing and social services. This facilitation and navigation of services reduces the burden on the hospital systems, especially as they struggle with capacity due to COVID-19.

Additionally, in conjunction with the Seminole County Sheriff's Office and AdventHealth's Hope & Healing Center, Community Integrated Mobile Health Services is a key partner responding to the opioid epidemic in Seminole County.

From March 2020 through December 2021 a total of 40,325 COVID-19 tests were done. DOH-Seminole's team conducted 157 outreach events, providing over 6,000 services to the community. These services included vaccinations, (Hep A & B, Flu, Tdap, COVID-19), rapid HIV testing, healthy food box distribution, food vouchers, health screenings and various individualized information and referral services.

CIMHS also responded to the needs of the community during the COVID-19 response. Clinically trained DOH-Seminole's CIMHS team performed home vaccination for disabled and home bound individuals. Over 2,200 home vaccinations were administered to Seminole County residents. In addition, at home COVID-19 testing and support (medication pickup and delivery) was provided to support isolation and quarantine. Total home doses administered through December 2021, since the onset of the pandemic is as follows:

1st & 2nd Dose Totals	
+ Moderna 1st	351
+ Moderna 2nd	267
+ Moderna 3rd	48
+ Pfizer 1st	510
+ Pfizer 2nd	528
+ Pfizer 3rd	157
+ Janssen J&J	367
TOTALS	2228



James Witherspoon and Carlos Diaz with Community Integrated Mobile Health Services delivering boxes of food.

Diabetes Program

The Diabetes Prevention Program serves individuals who are at risk of developing type 2 diabetes based on risk factors with free screenings and education sessions covering topics such as healthy eating, maintaining an active lifestyle, food tracking, risk reduction and problem solving.

Diabetes Self-Management Education (DSME) is offered for individuals that have been diagnosed with type 2 diabetes. The program includes up to 12 hours of individualized education by our licensed Dietitian/ Nutritionist based on a curriculum developed by the American Association of Diabetes Educators (AADE).



The Diabetes Program partnered with Seminole County Government TV (SGTV) to produce a Public Service Announcement during Diabetes Prevention Month

The goal is to equip individuals with the knowledge necessary to successfully manage their diabetes.

The COVID-19 pandemic impacted the ability to recruit and engage residents in community settings. Diabetes risk-assessments and A1c screenings continue to be available onsite and through limited outreach events. In 2020-2021, 11 clients participated in the DSME program.

Our Services and Programs

Dental Care

The Dental Care Clinic provides exams, x-rays, nutritional and oral health education, fluoride treatments, sealants, fillings, and simple extractions.

The active School Based Sealant Program serves Title 1 schools in Seminole County. The Dental Hygienist provides preventive services including screenings, oral hygiene education and fluoride varnishes and sealants utilizing portable equipment. Seminole County Government provides financial support to the program for the non-Medicaid clients.

2020

Fixed Dental Clinic:

Clients seen:

Children	917
Adults	416
Total	1,333

Services Provided:

Children	6,675
Adults	1,349
Total	8,024

SBSP (School Based Sealant Program):

Clients Seen:

Children	413
Adults	0
Total	413

Services Provided:

Children	1,911
Adults	0
Total	1,911

2021

Fixed Dental Clinic:

Clients Seen:

Children	1,417
Adults	558
Total	1,975

Services Provided:

Children	10,288
Adults	1,640
Total	11,928

SBSP (School Based Sealant Program):

Clients Seen:

Children	398
Adults	0
Total	398

Services Provided:

Children	2,045
Adults	0
Total	2,045



Dental Assistant Supervisor Nancy Mitchell giving School-age children a tour of the Dental Care Clinic.

Environmental Health

The Environmental Health Program focus is on prevention, preparedness and education implemented through routine inspections, monitoring and surveillance of conditions that may contribute to the occurrence or transmission of disease.

	2020	2021
Biomedical waste BMW	360	395
Body piercing	4	9
Food hygiene	513	236
Group care	176	120
Limited use water	5	1
Migrant labor camps	6	0
Mobile home parks	25	17
OSTDS-operating	106	8
Swimming pools	23	510
Tanning	10	6
Tattoo	51	16
OSTDS	965	884

Environmental Health participated in events with the City of Oviedo during their annual clean-up day and assisted an Oviedo homeowner with the clean-up of their property along with the City of Oviedo Code Enforcement office.

Presentations were given to a local television station related to harmful algal blooms in Lake Jesup and Lake Monroe.

In January 2021, Environmental Health initiated a PACE EH (Protocol for Assessing Community Excellence in Environmental Health) project in East Altamonte Springs to determine resident's needs and in March 2021 completed another project in the historically African American community of Goldsboro in the City of Sanford.

Oct. 2020–Sep. 2021

Total Inspections 4,584 Services



Kurt Jennings from the Environmental Health Program inspects a swimming pool.



Members of the Environmental Health Program from left to right: Environmental Health Manager Raymond Row, Lisa Bernschein, Joyce Bittle and Sarah Canty.

Epidemiology

The Epidemiology Program conducts disease surveillance and investigates suspected occurrences of infectious diseases and conditions reported from physician's offices, hospitals and laboratories according to Florida Statutes and Code. In addition to COVID-19 cases, there were 684 other cases reported in 2020 and 713 in 2021. The Epidemiology Program investigated 23 disease outbreaks in 2020 and 32 disease outbreaks in 2021.

Outbreaks

Disease/Syndrome	2020	2021
Gastrointestinal	3	14
Rash	4	8
Respiratory	16	10
Total	23	32

In 2020, DOH-Seminole formed a cross-functional team to respond to the first flu season since the start of the COVID-19 pandemic. The goal of the Influenza Coordination Team was execution of an influenza vaccination event. On October 24, 2020 during the event, hosted at the main DOH-Seminole building, 152 free vaccines were provided to the public.

The Coordination Team also ensured that robust disease surveillance systems were in place to monitor influenza activity in the Seminole County community, including healthcare visits, mortality, testing, and outbreaks. This information informed public health action to prevent the spread of influenza.



The DOH-Seminole Epidemiology Program was notified of its first COVID-19 case on March 5, 2020. The Epidemiology program at that time had Kevin Baker as the manager, Maria Bermudez, Carley Robinson and Keisha Nauth as the main epidemiologists. The team grew throughout the response.

In January 2021, Florida Epidemic Intelligence Service (EIS) Fellow Taylor Kwiatkowski joined the Florida Department of Health in Seminole County and primarily works on hepatitis investigations, animal bites and possible rabies exposure investigations. The Florida Epidemic Intelligence Service (EIS) Fellowship is a unique two-year, post-graduate program providing experience in epidemiology and public health practice for health professionals interested in the field of epidemiology through placements with county health departments.

The Council of State and Territorial Epidemiologists (CSTE) Applied Epidemiology Fellowship is a rigorous on-the-job training program for recent graduates in the field of applied epidemiology. Fellows are carefully matched and placed at a local or state health agency for two years. The goal of the program is to provide high quality training experience under the guidance of an experienced mentor. Tyler Weston joined the Florida Department of Health in Seminole County in June 2020. His concentration areas are in COVID-19 and infectious diseases.



Epidemiology COVID-19 team at The Grove site in Longwood.

2020 COVID-19 Contacts Data

Activity	2020	2021	Total
Contact Tracing	16,073	30,483	46,556
Case Investigations	14,048	27,806	41,854
Total	30,121	58,289	88,410

Woman, Infants and Children (WIC)

WIC is a federally funded nutrition program for Woman, Infants and Children. It provides the following services at Sanford and Casselberry DOH-Seminole locations at no cost: healthy foods, nutrition education and counseling, breastfeeding support, and referrals for health care and community services.

2020

The Seminole County WIC Breastfeeding Program was honored with the 2020 Gold Level Loving Support Award of Excellence.

Breastfeeding initiation rates in 2020 were the highest rates recorded in Seminole County.

Seminole County WIC had a participation caseload of 6002 clients in 2020 from Sanford and Casselberry locations.

Percentage of eligible clients served was 83%; 105,744 services provided to women, infants, and children. Our program consists of 20 full time employees & 2 OPS full time employees.



Some of WIC staff members from left to right: Angela Osorio, Melissa McCarthy, WIC Program Manager Susan Mulligan, Erlina Lim, and Salia Lynn Johnson.

2021

Breastfeeding initiation rates in 2021 have been the highest recorded in Seminole County for the second consecutive year. Rates recorded Dec. 2020 - Dec. 2021.

Seminole County WIC had an average monthly participation caseload of 5644 clients in 2021 from both Sanford and Casselberry locations. Percentage of eligible clients served was 80%; 92,724 services provided to women, infants, and children. Our program consists of 19 full time employees & 1 OPS full time employee.

WIC had significant staffing shortages during 2021 and increased client load due to the closure of out-of-county WIC locations. While it was challenging, staff continued to conduct business as usual and increased client appointments to accommodate the influx of clients.

Our Services and Programs

Florida Healthy Babies

Florida Healthy Babies is an effort of the Department's Health Equity Program Council, which focuses on helping all Floridians achieve the highest level of health. Though Florida has experienced declining morbidity and mortality rates, disparities persist, and the Department is committed to achieving health equity and eliminating these differences.

In 2020, to reduce smoking during pregnancy and second-hand smoke during exposure educational materials were disseminated to day-care facilities in Seminole County (50-daycares). A 2021 calendar was designed for addressing Tobacco, Safe Sleep, Pre-Term Labor and breastfeeding for distribution.

Keeping staff up to date on information is very important, this year eight (8) staff completed their certification on infant safe sleep.

The program continued to educate on social determinants of health, tobacco prevention, safe infant sleep, pre-term labor and breastfeeding through the media.

Through September 2021, DOH-Seminole staff served 150 Early Care Education providers to complete Breastfeeding Friendly assessments to become a Breastfeeding Friendly Child Care Center.

They provided 500 media outreach opportunities to share the Family Planning Medicaid Wavier program with the community and provided 100 education packets which consist of Safe Sleep, Breastfeeding, Drowning Prevention, Secondhand Smoke, Vaping and Pregnancy, smoking, and COVID-19 materials,

In Seminole, 150 daycares received asthma awareness information. Two trainings were completed for the Children's Cabinet to address breastfeeding, safe sleep, and no smoking, second hand smoke for your baby. Also, 80 education packets consisting of breastfeeding, secondhand smoking, and COVID-19 related information were distributed to mothers at a sponsored Baby Shower at Northland Church.

As of December 2021 DOH-Seminole staff served 20 Early Care and Education providers to complete Breastfeeding Friendly assessments to become a Breastfeeding Friendly Child Care Center. And from October – December 2021 Florida Healthy Babies teamed up with seven (7) media services to share the Family Planning Medicaid Wavier program with the community.

On September 25th, Florida Healthy Babies in Seminole County participated in the Annual Healthy Start Coalition Baby Shower held at Northland Church in Longwood. Pictures are staff members Shaniece Edwards and Douglas Abreu.



Hepatitis Program

Hepatitis A Outbreak

A vaccine preventable disease, hepatitis A affects the liver. It is associated with exposure to poor hygiene and sanitation. In response to the hepatitis A outbreak the DOH-Seminole team has conducted ongoing collaborations with community partners to ameliorate the burden of disease in Seminole County. This successful educational outreach program has resulted in an increase of hepatitis A Virus awareness and vaccinations.

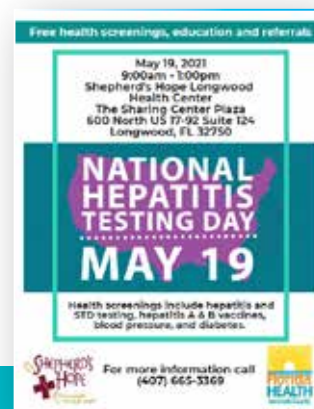
Hepatitis Prevention

A targeted community education program at DOH-Seminole, the Hepatitis Prevention Program provides adult hepatitis vaccines, screening and testing. Conducted through numerous outreach events, the mission is to educate the public about acute hepatitis C, chronic hepatitis C and perinatal hepatitis C, as well as the importance of getting tested and vaccinated.

In 2020, 939 hepatitis services and in 2021, 322 hepatitis services were provided including testing and vaccine.



On Wednesday, May 19th, DOH-Seminole Hepatitis, Epidemiology and Community Integrated Mobile Health Services Programs partnered with Shepherd's Hope to provide free hepatitis and STD testing, hepatitis A & B vaccines and blood pressure and diabetes screenings to the community.



HIV/AIDS Prevention

In observance of National HIV Testing Day, the Specialty Care HIV/AIDS Program and the STD program conducted HIV testing on June 23, 2021. Educational materials, peer counseling and Test and Treat wraparound services were provided. In addition, ADAP, PrEP and Ryan White orientation-eligibility was available for interested or qualifying clients.



In the picture from left to right: Deloris Hunter - PrEP Coordinator, Preston Boyce - STD Area 7 Manager, Brenda Perez - STD Disease Intervention Specialist, Alfredo Maldonado - HIV/AIDS Section Manager, Debra Vaughn - ADAP Eligibility / Case Lead, Yvette Bhowanidin - Case Lead, Gloria Allen - Referral Specialist Miracle of Love (partner agency), Cicily Martin - Peer Counselor

The Florida Department of Health in Seminole County offers PrEP (Pre-Exposure Prophylaxis to anyone 18 or older with a No- Reactive HIV Test. PrEP is a single pill taken once a day to prevent HIV infection if taken daily as directed.

July 2020 – June 2021

Outreaches: Staff attended 59 outreaches

Rapid Testing: Staff attended eight rapid testing sites monthly.

Client Enrolled: 53 clients in the PrEP Program

Condom Sites: Staff Implemented 21 condom distribution sites

Certification: Two staff were 500/501 certified

Antiretroviral therapy (ART): Staff advocated for 100% of active HIV/AIDS clients to receive Antiretroviral Therapy (ART). ART is the use of HIV medicines to treat HIV infection. 97% received ART.

Media: Staff produced 12 unique communications to educate and bring awareness of the PrEP Program.

Training: Staff attends two trainings each quarter - A total of eight (8) for the PrEP Program.



Immunization

The Immunization Program at the Florida Department of Health in Seminole County has vaccines available for 17 infectious diseases. Vaccinations protect children from dangerous childhood diseases which can cause serious complications and adults from a variety of diseases as they travel in foreign countries. Each year, from July 15th to August 15th, thousands of K-12 students are provided Back-to-School vaccinations. Other clients visit DOH-Seminole from across the US and world-wide for immunizations.

Over the last two years during the COVID-19 response the role that immunizations play in decreasing vaccine preventable diseases has become evident. Our team has seen 2,200 children and 700 adults and provided 7,200 vaccinations from January 2021-December 2021. We partnered with Seminole County Emergency Management to administer COVID-19 vaccines to over 227,000 clients thru mobile services, community sites and at the health department. Due to COVID-19, we saw a decline in the amount of travel vaccines provided in the year 2021, but as residents begin to travel again, we look forward to promoting the safety of receiving vaccines prior to foreign travel.

In 2020, the Immunizations Program served 7,534 clients, 8,315 visits and 15,440 services. In 2021, the Immunizations Program served 135,542 clients, 255,982 visits and 268,527 services.



Office of Health Promotion and Education

The Office of Health Promotion and Education (OHPE) promotes and coordinates community engagement and partnerships to offer chronic disease prevention, education and screenings, host health observance events and assess community specific health needs to positively impact social determinants of health, closing the gap on health disparities in Seminole County.

They offer the following programs: Congregational Wellness, employee wellness, grants administration, health education, Healthiest Weight Florida, Health Equity and Diabetes Prevention.

The program participated in 23 outreach events in 2020 and 134 in 2021. The adult SNAP-Ed classes were offered at 4 community locations and the SNAP-Ed for school age children were offered at 4 locations.

The Office of Health Promotion and Education team members from left to right: Alicia Burke, Herronda Mortimer, Zeenat Rahman, Venise White and Amanda Beal



Our Services and Programs

Office of Performance Improvement

Between July 1, 2020 and June 30, 2021, a total of 11 quality improvement projects were completed. Most of the project teams were hosted at the Innovation Lab using either Plan-Do-Check-Act (PDCA), Design Thinking or a combination of both.

There were several projects to improve processes during the COVID-19 response and in other programs. The COVID-19 Vaccine Data Entry team helped streamline the COVID-19 vaccination documentation process, implementing guidance sheets and educating staff of the importance of accurate information on vaccination forms.

The WIC team worked on strategies to increase participation of eligible clients. The School Health Program was able to streamline their annual Body Mass Index (BMI) screening process by reducing processing screening time. The Immunizations team determined the best process to ensure streamlined and efficient vaccine orders and control.

The Epidemiology team worked on the development of a tool that allowed them to improve communications of influenza surveillance.

In addition, with the initial increase in COVID-19 cases around July 2020, the Infectious Disease Control team identified a need for preventive infection control assessments especially at all Seminole County long-term care facilities, resulting in a shorter version of the CDC's standard infection control assessment leading to an increase of completed assessment. Other administrative projects were also implemented.



DOH-Seminole Green Team at work.

Teen Outreach

The Teen Outreach Program offered by DOH-Seminole as part of the School Health Program, includes education partnerships with the Tobacco Prevention Program, the Boys and Girls Clubs of Central Florida and the Seminole County Public Schools 21st Century After-School Program.

Over the past two years, Positive Youth Development and Teen Outreach Program trained facilitators have offered 23 youth and adult workshops, completed a total of 35 community service learning hours and served 69 youth and adults.

Public Health Preparedness

Public Health Preparedness is responsible for coordinating Seminole County's public health and medical preparedness including response to emergencies and disasters. This includes medical support to Special Needs Shelters and mass distribution of antibiotics or vaccinations. Practicing and updating plans each year for natural or man-made disasters is essential for an adequate response during emergencies.

- + In 2020, the Public Health Preparedness Program focused on the COVID-19 response and represented DOH-Seminole at the County Emergency Operations Center (EOC). Three exercises and drills were completed to prepare for tornadoes, active shooter and mass vaccination.

- + In 2021, the Project Public Health Ready Recognition application with the National Association of City and County Health Officials (NACCHO) was initiated. Four exercises and drills were completed preparing for tornadoes, generator failure and continuing operations during emergencies.



DOH-Seminole exercised the ability to provide COVID-19 vaccines through a Flu Point of Dispensing (POD) exercise on October 24, 2020.

School Health Program

The School Health Program in collaboration with Seminole County Public Schools made Go Noodle available for Title I elementary schools in Seminole County, thanks to SNAP-Ed funding received from the Florida Department of Health. Go Noodle is a virtual platform that offers educators a library of engaging physical activity videos to provide "brain breaks" in the classroom. The videos range from 2-10 minutes and are geared toward students in kindergarten through sixth grade. They cover a variety of activities, such as exercise, song, dance, mindfulness and coordination. Over 190 teachers in 12 Title I schools actively used Go Noodle in school year 2020-2021. As of January 2021, students completed over 760,100 minutes of movement.

The School Health Program in collaboration with Seminole County Public Schools continued to conduct health screenings with special adaptations, including increasing hand hygiene and maintaining social distancing during screenings, to ensure the safety of students and staff during the COVID-19 pandemic. Over 29,000 students were screened for vision, scoliosis, hearing and growth and development, and over 2,800 students were referred for further evaluation.



School Health Program Manager Gloria Rivadeneira and Joyce Bittle from Environmental Health at a school outreach event.

Tobacco Prevention Program

As a partner in the Tobacco Prevention Coalition, DOH-Seminole supports the education and advocacy efforts of Students Working Against Tobacco (SWAT) to create awareness against the harmful, long lasting effects of smoking. These efforts include lobbying state, county and city elected officials, presenting seminars and student summits in conjunction with the School Health Program.

From January – December 2020, the Tobacco Prevention Program completed 28 Electronic Nicotine Delivery Education opportunities to Seminole County. Point of Sales meetings and interviews were conducted with key stakeholders to mobilize the community to obtain and/or maintain local retail licenses.

On November 19, 2020, the Tobacco Free Seminole Coalition and Students Working Against Tobacco (SWAT) hosted A Day of Thanks meeting which was held at the Sanford Civic Center following social distancing guidelines and offered protective measures. A Youth and Positive Development training was delivered. An Interactive education session on Tobacco Vaping and how it affects infants and mothers during pregnancy was also presented.

- + In 2021, the program attended 52 community meetings and 51 outreaches to educate and inform agency leaders, business owners, decision-makers and the community about tobacco cessation. Staff planned and attended training for the Florida Youth Tobacco Survey to be administered to 16 Seminole Schools (8 high schools and 8 middle schools).

STD

DOH-Seminole provides confidential services to anyone who seeks care for the prevention of Sexually Transmitted Diseases (STDs). The STD Program Disease Intervention Specialists participate in education and community health activities throughout the year providing free testing and STD/HIV education to a variety of age groups. Collaborating across county borders, Disease Intervention Specialists monitor the number of syphilis, HIV, gonorrhea and chlamydia cases reported, and coordinate appropriate responses.

Clients who received STD services
2020 - 1,403 2021 - 1,464

In 2020 Seminole County reported 2,513 total diseases and 2,874 In 2021. Reportable diseases are from public and private providers.

Tuberculosis

The Tuberculosis (TB) Program provides TB skin testing, chest x-ray referrals, medications and investigation of active cases. Other services include Directly Observed Therapy (DOT), nurse case management and expert medical management for current cases, suspects of active TB disease and latent TB infection (LTBI).

TB Cases:
2020 - 7
2021 - 5



Staff from Community Integrated Mobile Health Services, Tuberculosis, and Office of Health Promotion and Education participated in an event at Winwood Park on Monday, June 7th to provide health screenings, resources and education to the East Altamonte community.

Vital Statistics

The Florida Department of Health in Seminole County Office of Vital Statistics consists of official records of births, deaths, and fetal deaths. These records are essential for just administration of our law and for the protection of individual rights. In addition, the statistical data from these records are of great value to public health and other agencies.

	2020	2021
Births	2,681	3,022
Deaths	4,086	3,813
Birth/Death Certificates	40,503	48,663
Clients Served	10,812	12,695

DOH-Seminole office of Vital Statistics partners with the Seminole County Tax Collector's Office to issue certified copies of birth certificates to eligible individuals at Tax Collector's locations. This service is of benefit to clients in need of their birth certificate to obtain their driver's license or identification card.

	2020	2021
Birth Certificates	873	1010
Clients Served	703	780

Grants and Partnerships

Pediatric Asthma
Funded by: CDC
\$60,000
9/2019 – 8/2020
\$50,258
9/2020 – 8/2021



Cardiovascular
Funded by: FDOH
\$86,767
9/2019 – 9/2020
\$60,373
9/2020 – 9/2021

Community Outreach & Services
Funded by: Seminole County Government
\$160,000
10/2019 – 9/2020
\$241,000
10/2020 – 9/2021



Health Equity and Food Insecurity
Funded by CDBG- City of Sanford
\$30,000
10/2020 – 9/2021

Community Outreach
Funded by: Orlando Health
\$81,387
1/2020 – 12/2020
\$75,000
1/2021 – 12/2021



Strengthening Economic Supports for Working Families
Funded by: HHS thru Orlando Health
\$36,500
10/2019 – 9/2020
\$36,500
10/2020 – 9/2021



Equitable COVID-19 Response
Funded by: Kresge Foundation
\$20,000
10/2020 – 9/2021

Implementing Overdose Prevention strategies at the Local Level
Funded by: CDC thru NACCHO
\$500,000
10/2020 – 12/2022

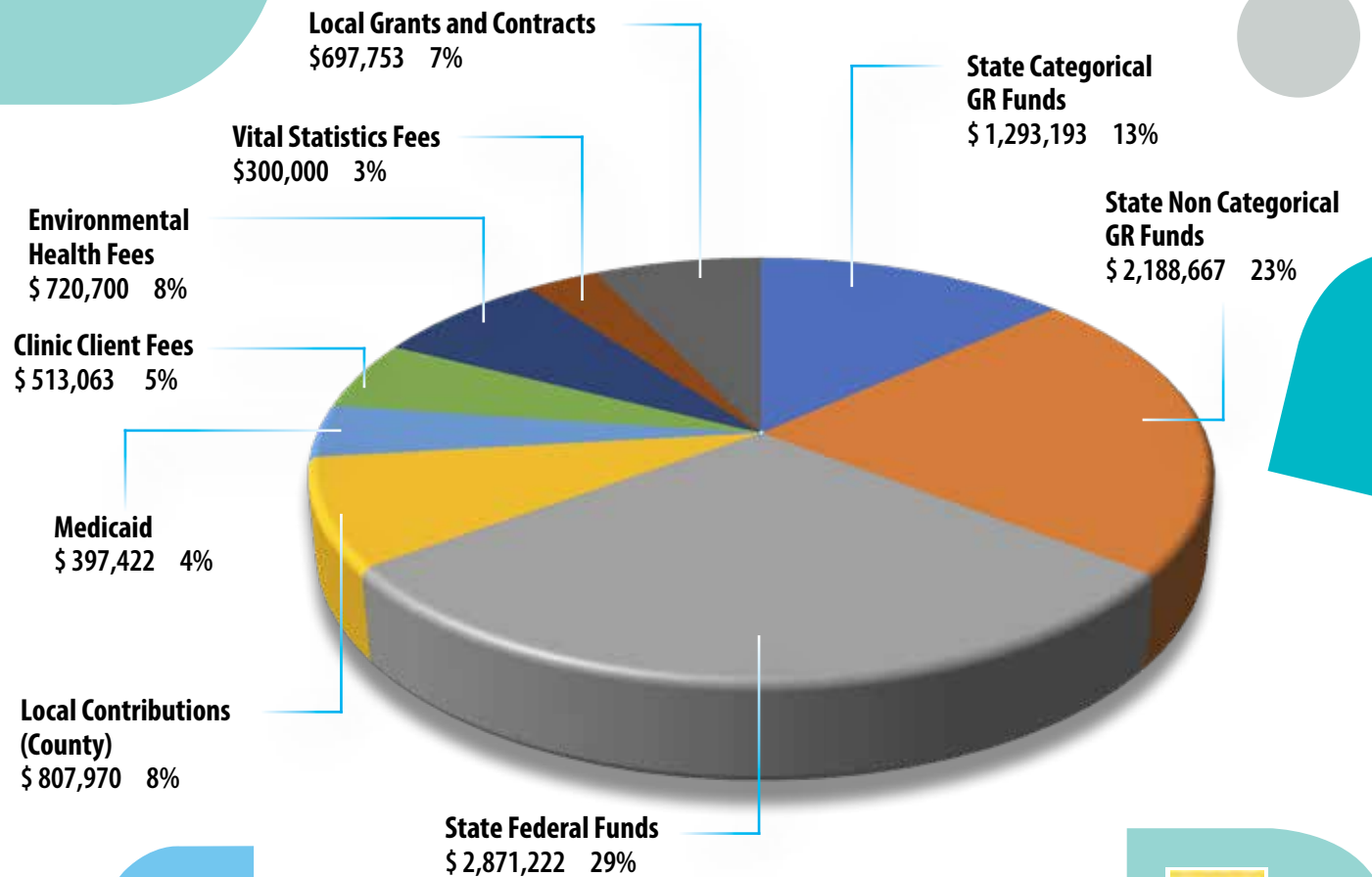
Financial Review

The effects of The Affordable Care Act, Medicaid reduction, COVID-19 Pandemic and the mandatory economic lock-down created financial challenges throughout the 24 months of 2020-2021.

As in all other areas, the Florida Department of Health in Seminole County was resilient to manage budgets, employees and COVID-19 demands, seeking grants and partnerships to maintain services and fulfill community needs.

Financial Highlights (FY)

	2019-2020		2020-2021	
State Categorical GR Funds	\$ 1,253,656	12%	\$ 1,293,193	13%
State Non Categorical GR Funds	\$ 2,028,300	20%	\$ 2,188,667	22%
State Federal Funds	\$ 3,683,593	36%	\$ 2,871,222	29%
Local Contributions (County)	\$ 807,970	8%	\$ 807,970	8%
Medicaid	\$ 443,330	4%	\$ 397,422	4%
Clinic Client Fees	\$ 479,771	5%	\$ 513,063	5%
Environmental Health Fees	\$ 697,905	7%	\$ 720,700	7%
Vital Statistics Fees	\$ 300,000	3%	\$300,000	3%
Local Grants and Contracts	\$ 450,382	4%	\$697,753	7%
Other Revenue			\$ 69,445	1%
TOTAL	\$ 10,214,352	100%	\$ 9,789,990	100%



Overview 2020 – 2021 Successes and Accomplishments

The budget years of 2020 and 2021 tested our County's resilience in so many ways—business, education, personal finances and, most of all, each citizen's physical and mental health. The unforeseen COVID-19 pandemic brought the programs and services of the Florida Department of Health in Seminole County to the forefront like never before.

Through professionalism, collaboration and perseverance the challenge was met.

Under the direction of Donna Walsh, the Health Officer, and the staff, DOH-Seminole greatly expanded local community involvement. Building and leveraging strategic partnerships with over 60 local organizations and agencies has resulted in greatly increasing the awareness of the Health Department's role in servicing the community and led to grant opportunities, as well as sources of future funding.

2020 DOH-Seminole Receives American Heart Association National Recognition for Workplace Health Achievement

2020 SILVER LEVEL national achievement recognition for taking significant steps to build a culture of health in the workplace. DOH-Seminole implemented health promotions/interventions for employees, benefiting their health and allowing them to be role models for their families and community.



Left to right: Melanie Santiago, Cherie Sanders, Yvette Bhowanidin, Amanda Beal, Oriana Cardin- American Heart Association, Herranda Mortimer, Delores Hunter, Venise White, Susan Mulligan, Keisha Nauth and Sarah Wright

NACCHO Honors Florida Department of Health in Seminole County for Innovation in Public Health

One of eight (8) in the nation to receive the 2021 Gold Innovative Practice Award from The National Association of County and City Health Officials (NACCHO), DOH-Seminole was recognized for developing innovative programs to meet the needs of their community during the COVID-19 pandemic

Left to right: James Witherspoon, Carlos Diaz, Gloria Rivadeneyra, Patricia Mondragon, Ana Scuteri, Kelly Welch, Sarah Wright and Donna Walsh



Orlando Health Community Grants Program Awards Florida Department of Health in Seminole County to Expand Diabetes and Mobile Health Services

The Florida Department of Health in Seminole County (DOH-Seminole) was awarded in 2021, \$75,000 through the Orlando Health Community Grants Program. These funds are for one year and will allow the expansion of the Diabetes Programs and Community Integrated Mobile Health Services in the community with the addition of Spanish speaking staff to communicate and motivate improvement of lifestyle habits, self-care behaviors and health outcomes.



Left to right: Melanie Santiago, Cherie Sanders, Yvette Bhowanidin, Amanda Beal, Oriana Cardin- American Heart Association, Herranda Mortimer, Delores Hunter, Venise White, Susan Mulligan, Keisha Nauth and Sarah Wright

Orlando Health Award Partnership Recognition

In 2021, Orlando Health presented DOH-Seminole with the Partnership Recognition Award during Community Health Improvement Week for the collaboration and dedication to improving the health and well-being of community members in Central Florida.



The awards and recognition attest, DOH-Seminole increased their public value and perception to be a recognized leader in the Central Florida Health Care market, standing shoulder to shoulder with other community health care leaders and receiving prestigious recognition for their outstanding services. Rising to the challenges of 2020 and 2021 by remaining resilient together.

Pathfinder Award

The Pathfinder Awards were created to recognize those who continually strive to make a difference for Seminole State College. Their dedicated efforts create a better working environment for students, faculty and staff, and their leadership abilities always exceed expectations. These awards are funded by the Foundation for Seminole State College and are made possible by the donations of our faculty, staff, alumni and friends.

Awarded in 2021 by Seminole State College to DOH-Seminole Health Officer Donna Walsh and Seminole County Emergency Manager Alan Harris



The Keys to the City of Sanford

In 2021, the Key to the City of Sanford presented to DOH-Seminole for outstanding care and service to the community during COVID-19 and in all aspects of keeping Sanford citizens healthy.



True Health Ovation Gala Community Champion Award

DOH-Seminole received the Community True Champion recognition during the 2021 Ovation: A True Health Gala

Left to right: David Momborg, interim CFO for True Health, Dr. Karenna Senors - Chief Medical Officer for True Health, Donna Walsh - Health Officer, and Janelle Dunn - Chief Executive Officer for True Health.



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