



Department of Health-Flagler  
**COMMUNITY HEALTH IMPROVEMENT PLAN**  
**ANNUAL PROGRESS REPORT**

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**2019**

**Ron DeSantis**  
Governor

**Scott A. Rivkees, MD**  
State Surgeon General

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**Produced by:  
Florida Department of Health  
Flagler**

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# Introduction

This is the annual review report for the 2016 – 2019 Flagler County Community Health Improvement Plan. The activities and collaborative efforts of the Florida Department of Health in Flagler County and community partners will be reflected within the report. This document will serve as a progress review of the strategies that were developed and the activities that have been implemented. While the CHIP is a community driven and collectively owned health improvement plan, the Florida Department of Health in Flagler County is charged with providing administrative support, tracking and collecting data, and preparing the annual review report.

The community partners involved in the 2016-2019 CHA and CHIP health planning process, including the annual review that occurred on May 2, 2019 and December 6, 2019, involved the following: Advent Health Palm Coast Hospital, Halifax Health, Flagler Cares, Inc., United Way of Volusia/Flagler, Stewart-Marchman-Act Behavioral Healthcare, Azalea Health, Flagler Free Clinic, Flagler County Sheriff's Office, Flagler County Schools, Family Life Center, Health Start, Early Learning Coalition of Flagler/Volusia, DCF, Commission on the Homeless, City of Palm Coast, City of Bunnell, City of Flagler Beach and representatives from several non-profit health and social services groups in our community. These individuals and organizations comprise the membership of the Flagler Cares Coalition that has a Board of Directors and Executive Committee. The Coalition and Board meet quarterly and the Executive Committee, that includes the Health Officer of DOH-Flagler meets monthly. At these meetings, our progress in implementing strategies and actions to address the 5 health priorities in our community are tracked and reported on.

A 2016-2019 CHIP formal annual review meeting occurred on May 2, 2019. It took place at Advent Health Palm Coast hospital and representatives from the partner groups above were present through a Flagler Cares Coalition leadership meeting. 25 individuals participated. The next 2016-2019 CHIP review meeting occurred on December 6, 2019 at the County Government Services building. Prior to the meeting, Flagler Cares Coalition members and other partners were asked to review current CHIP strategies and consider new ones to be included in the 2020-2023 CHIP. The December 6<sup>th</sup> meeting was the 4<sup>th</sup> CHA and CHIP coordinating leadership meeting in 2019. Revised and new countywide CHIP strategies for the 5 Flagler County health priority areas were identified and are the same as the focus areas in the 2016-2019 health planning cycle. A 5<sup>th</sup> meeting is scheduled in February, 2020 in which SMART objectives and actions to implement the strategies for each priority area will be finalized.

FOOTNOTE: Flagler Cares, Inc. was formed in 2015 prior to the 2016-19 CHA and CHIP planning cycle. Flagler Cares is a 501c3 collective impact organization formed to improve the lives of Flagler County residents through the advancement of systematic solutions to our county's most pressing health, social and financial challenges. Flagler Cares adopted the 5 priorities that emerged through the 2016-19 CHA/CHIP and has developed and launched several initiatives, strategies and actions focused on public health and wellness.

# Overview of CHIP and Annual Review Meeting

In March 2019, the Department of Health in Flagler County convened the CHA and CHIP Planning Team. The schedule and timeline for conducting an annual review of 2016-2019 CHIP priorities, strategies and actions was shared. In addition, the planning schedule for development of new and or revised 2020-2023 CHIP strategic health priorities was shared and discussed.

Since 2015, to reflect best practices and maximize community impact, leaders from Florida Hospital Flagler, Florida Department of Health-Flagler, Flagler Cares and Halifax Health were convened to explore a collaborative process to develop a shared Community Health Needs Assessment & **Community Health Improvement Plan (CHIP)** for Flagler.



## Community Engagement

A core component of an effective CHNA/CHIP process is the engagement of community leaders and stakeholders in assessment, prioritization and planning activities. A Leadership Council of executives from 18 local organizations was formed to lead the assessment, prioritization and planning processes. Additionally, the broader community was engaged through a Community Health Survey (963 respondent's vs 500 last survey) and over 50 stakeholders participated in 5 hosted meetings.

## Process

The Flagler County CHNA process utilized quantitative and qualitative methods to systematically collect and analyze data to understand health within a specific community, including the review of information on risk factors, quality of life, mortality, morbidity, community assets, forces of change, social determinants of health and health inequity, and information on how well the public health system provides essential services. The prioritization process enabled the Leadership Council to gradually narrow down the areas of focus from over 300 data indicators to a final set of five countywide priorities.

## Priorities

- **Adult Behavioral Health** (mental health, substance use/abuse, tobacco use)
- **Youth Behavioral Health** (mental health, substance use/abuse, tobacco use)

- **Mothers & Children Under Age 5**  
(women's health, teen pregnancy, prenatal care, birth outcomes, child health and development, early learning)
- **Cardiovascular Diseases & Diabetes**  
(including the shared modifiable risk factors of healthy eating & physical activity)
- **Family Violence** (domestic violence and child abuse/neglect)

The Leadership Council for the CHA/CHIP process conducted the CHIP process by using the National Association of City and County Health Officials' Mobilizing for Action through Planning and Partnership (MAPP) strategic planning model. Carrie Baird, Executive Director of Flagler Cares, Inc. served as facilitator and consultant for this project. She was the planner and facilitator that we used during the 2016-2019 planning cycle. Subject matter experts from a diverse group of partner organizations conducted the four assessments outlined in the MAPP process. Individually, the assessment yielded in-depth analyses of factors and forces that impact population health. Taken together, the assessment findings contribute to a comprehensive view of health and quality of life in Flagler County.

### The Leadership Council

A core component of an effective CHNA/CHIP process is the engagement of community leaders and stakeholders in assessment, prioritization and planning activities. As part of the Flagler County Community Health Needs Assessment and Planning Partnership process, a devoted group of community leaders and executives was developed by expanding the membership of the Flagler Cares Board of Directors to include leaders from 18 local organizations representing major sectors of the community. See Appendix A for the Leadership Council roster.





*"exceptional and comprehensive behavioral healthcare"*



To maximize the reach and input received throughout the CHNA process, the Leadership Council utilized and mobilized the available community resources to gain input, review data, collect community assets, prioritize indicators and validate priorities.

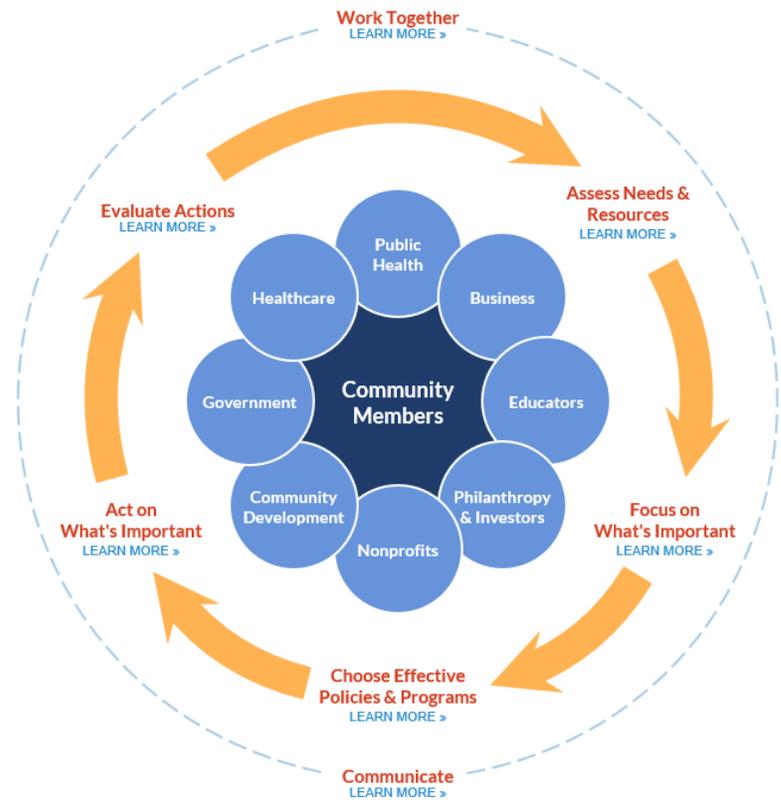


## **The CHNA Process**

A CHNA is a process that uses quantitative and qualitative methods to systematically collect and analyze data to understand health within a specific community. An ideal assessment includes information on risk factors, quality of life, mortality, morbidity, community assets, forces of change, social determinants of health and health inequity, and information on how well the public health system provides essential services. According to the National Association of County and City Health Officials (NACCHO), community health assessment data informs community decision making, the prioritization of health problems, and the development, implementation, and evaluation of community health improvement plans. In light of best practices, the Leadership Council provided their input and expertise by completing the following tasks through a series of meetings and document reviews:

- Reviewing secondary data detailing risk factors, quality of life, mortality, morbidity, and social determinants of health for the entire county and all ZIP codes
- Discussing forces of change and community assets
- Interpreting community survey data and input from a variety of community stakeholders

- Reviewing the strengths and challenges of the public health system
- Assisting in gathering primary data from consumers served by representatives' organization
- Developing initial community-wide priorities to form a foundation for the collaborative Community Health Improvement Planning process



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

## The Timeline

The Flagler County CHNA/CHIP process included community input, data review, analysis and prioritization activities that enabled the Leadership Council to gradually narrow down the areas of focus from over 300 data indicators to a final set of five countywide priorities for planning and action. The Leadership Council convened six times to complete these tasks, with meetings held on May 2, 2019, May 24, 2019, June 21, 2019, November 18, 2019, December 6, 2019 and February 17, 2019. Many of the Leadership Council members also participated in additional community engagement activities.

	<b>Key Activities</b>	<b>Deliverable Components</b>	<b>WORK COMPLETED</b>
<b>1</b>	Implement <b>Community Health Survey</b> (in collaboration with FDOH-Volusia) <i>MAPP COMPONENT: Community Themes &amp; Strengths</i>	<ul style="list-style-type: none"> <li>Paper surveys (distribution and data entry)</li> <li>Survey promotion</li> <li>Flagler Findings Report</li> </ul>	<p><b>Completed in Previous Quarter</b></p> <ul style="list-style-type: none"> <li>Survey implemented and closed March 15, 2019</li> <li>963 Flagler County respondents</li> <li>Flagler survey findings included in CHNA draft</li> </ul>
<b>2</b>	<b>Leadership Team Meeting 1</b> (Update and Overview)	<ul style="list-style-type: none"> <li>Proposed Leadership Team and recruitment</li> <li>Preliminary 2017-19 CHIP Progress report</li> <li>Meeting materials, minutes and follow-up</li> </ul>	<p><b>Completed in Previous Quarter</b></p> <ul style="list-style-type: none"> <li>Meeting held May 2, 2019 (meeting notes with attendance attached)</li> <li>Draft CHNA provided to attendees prior to the meeting</li> <li>Data presented to attendees via PowerPoint</li> <li>Preliminary Health Priorities were selected</li> <li>Meeting held May 24, 2019</li> </ul>
<b>3</b>	<b>Leadership Team Meeting 2</b> (Analyze and Prioritize) <i>MAPP COMPONENT: Forces of Change</i>	<ul style="list-style-type: none"> <li>Updated 2016 Health Priority data</li> <li>Data Summaries for Other Health Priorities</li> <li>Meeting materials, minutes and follow-up</li> </ul>	
<b>4</b>	Tasks Completed by Flagler Cares and Implementing Partners <i>MAPP COMPONENT: Community Health Status, Local Public Health System</i>	<ul style="list-style-type: none"> <li>Final 2016-19 CHIP Evaluation Report</li> <li>Consolidated Draft CHNA Document (data profiles, demographics, asset inventory, survey findings report)</li> </ul>	<p><b>Completed in Previous Quarter</b></p> <ul style="list-style-type: none"> <li>Draft CHNA in final review process</li> </ul>
<b>5</b>	<b>Leadership Team Meeting 3</b> (Priorities and Strategies)	<ul style="list-style-type: none"> <li>Final 2019 CHNA with countywide Priorities</li> <li>Potential CHIP strategy list</li> <li>Meeting materials, minutes and follow-up</li> </ul>	<ul style="list-style-type: none"> <li>Meeting held June 21, 2019 (meeting notes with attendance attached)</li> <li><b>Final CHNA document published September 30, 2019</b></li> </ul>

6	<b>Leadership Team meeting 4 Strategy Convening</b> with existing or convened stakeholder groups for each health priority	<ul style="list-style-type: none"> <li>• Collaborative CHIP components (key data indicators, potential strategies and approaches)</li> <li>• Meeting materials, minutes and follow-up (for 5-7 groups)</li> </ul>	<ul style="list-style-type: none"> <li>• Work completed in October and at November 18, 2019 meeting, email and phone conversations with key stakeholders</li> </ul>
	Implementing Partner's dialogue with internal stakeholders regarding strategies		
7	<b>Leadership Team Meeting</b> (Collaborative Plan and new, revised strategies)	<ul style="list-style-type: none"> <li>• 2020-2023 Collaborative CHIP</li> </ul>	<ul style="list-style-type: none"> <li>• Meeting held December 6, 2019</li> </ul>
8	<b>Leadership Team Meeting</b> (finalize SMART objectives associated with Strategies)	<ul style="list-style-type: none"> <li>• 2020-2023 Collaborative CHIP</li> </ul>	<ul style="list-style-type: none"> <li>• Meeting held February 17, 2020</li> </ul>

The Leadership Council spearheading the CHIP process identified the following 5 strategic health priorities for Flagler County. These are the same priorities during the previous CHA and CHIP cycle in 2016-2019. Some strategies remained the same and others were revised or deleted.

### 2016-2019 CHIP Strategic Priorities Flagler County

<i>CHIP Priority Area</i>	<i>Strategy/Action</i>
<b>Adult Behavioral Health</b>	1. <i>Implement a Central Receiving System</i>
	2. <i>Provide Smoking Cessation Classes</i>
	3. <i>Implement Lung Cancer Screening Program</i>
	4. <i>Community Suicide Prevention Program</i>
	5. <i>Increase Mental Health First Aid Training</i>
	6. <i>Increase Inpatient Behavioral Health service capacity</i>
	7. <i>Increase Senior Behavioral Health education</i>
<b>Youth Behavioral Health</b>	1. <i>Implement a Community Action Team</i>
	2. <i>Expand School -Based Behavioral Health Services</i>
	3. <i>Expand Help Me Grow program</i>

<b>Cardiovascular Disease</b>	1. <i>Initiate Community Education strategies</i>
	2. <i>Provide Access to Free Health Screenings</i>
	3. <i>Increase awareness of Diabetes prevention and intervention</i>
	4. <i>Implement the Community Care Network program at Advent Health Palm Coast hospital</i>
	5. <i>Implement the American Diabetes Association's Morning Mile program at Rymfire Elementary School</i>
<b>Mothers and Children Under Age 5</b>	1. <i>Provide Newborn Education and Lactation classes</i>
	2. <i>Implement the Life Song program</i>
	3. <i>Establish a Circle of Friends program in Flagler County</i>
	4. <i>Expand WIC nutrition and breastfeeding support groups</i>
	5. <i>Promote family planning programs</i>
	6. <i>Improve the quality of Early Learning programs in Flagler County</i>
	7. <i>Ensure consistent delivery of prenatal care to women eligible for Medicaid</i>
	8. <i>Decrease preventable injuries to children</i>
<b>Family Violence</b>	1. <i>Launch a Community-wide initiative to address Domestic Violence</i>
	2. <i>Maximize reach of Start by Believing Campaign</i>

**2020-2023 CHIP Strategic Priorities Flagler County**

<b>CHIP Priority Area</b>	<b>Strategy/Action</b>
<b>Adult Behavioral Health</b>	1. <i>Establish a mental health assisted outpatient treatment program</i>
	2. <i>Expand Mental Health First Aid training</i>
	3. <i>Expand SMA's Zero Suicide Program</i>
	4. <i>Establish a peer specialist program at Advent Health Palm Coast</i>
	5. <i>Increase awareness of behavioral health resources in the community</i>

	<ol style="list-style-type: none"> <li>6. Organize Collaborative Behavioral Health efforts through the restructured Behavioral Health Consortium-Flagler and Volusia counties</li> <li>7. Develop a new communication and referral management system in the county</li> <li>8. Increase access to SSI/SSDI benefits through a coordinated network of SOAR processors</li> </ol>
<p><b>Cardiovascular Disease</b></p> <p><b>Mothers and Children under Age 5</b></p> <p><b>Family Violence</b></p>	<ol style="list-style-type: none"> <li>1. Establish a juvenile assessment center</li> <li>2. Expand the utilization of SMA's Crisis Response Team</li> <li>3. Increase psychiatric services capacity in our school system</li> </ol> <ol style="list-style-type: none"> <li>1. Increase the understanding of diabetes, pre-diabetes and risk factors</li> <li>2. Increase the number of individuals who know their blood sugar levels.</li> <li>3. Increase school based physical activity programs to encourage healthy lifestyle</li> <li>4. Increase access to Advent Health Palm Coast's community care program</li> <li>5. Establish within DOH-Flagler an accredited Diabetes Self-Management Education (DSME) program</li> <li>6. Establish within DOH-Flagler a CDC recognized and approved Diabetes Prevention Program (DPP)</li> <li>7. Increase access to primary care at the Free Clinic for uninsured at risk individuals</li> </ol> <ol style="list-style-type: none"> <li>1. Increase the percent of children who are fully immunized, especially those entering kindergarten</li> <li>2. Expand the implementation of the Healthy Baby curriculum in Flagler School's science classes</li> <li>3. Improve pre-reading skills and language interactions in early childhood within day care centers</li> </ol> <ol style="list-style-type: none"> <li>1. Expand supports for youth exposed to trauma in their childcare and school environments</li> <li>2. Work with the Flagler County Affordable Housing Advisory Committee to include victims of domestic violence, dating violence and stalking as a protected class against housing discrimination</li> <li>3. Coordinate training to Flagler County clergy regarding identification, reporting and supporting of domestic violence</li> <li>4. Coordinate domestic violence education to Flagler County Sheriff's patrol deputies and new hires.</li> </ol>

# 2019 Progress and 2020 Revisions

## Strategic Issue Area #1: Adult Behavioral Health

### **CHIP Priority Area #1: Adult Behavioral Health**

Behavioral health is a term that covers the full range of mental and emotional well-being – from coping with daily life challenges to the often-complex treatment of mental illnesses, such as depression or personality disorder, as well as substance use disorder and other addictive behaviors. Now more than ever, health experts across all fields are recognizing the important link between good behavioral health and good overall health. According to the 984 respondents of the Community Health Survey, Behavioral Health related issues were the top three unhealthy behaviors Flagler County residents were most concerned about (Drug Abuse 51.9%, Alcohol Abuse 44.4% and, Mental Health/Stress 36%).

#### **Mental Health**

According to The Substance Abuse and Mental Health Services Administration (SAMHSA), good mental health is essential to overall health and personal well-being. The ability to lead a healthy, balanced and productive life stems, in part, from an individual's ability to handle emotions. Emotional problems can impair a person's thinking, feelings, and behavior and, over time, can become increasingly serious and disabling.

Since mental health and physical health are closely connected, mental health plays a major role in a person's ability to maintain good physical health. Mental illnesses, such as depression and anxiety, affect a person's ability to participate in health-promoting behaviors. In turn, problems with physical health, such as chronic diseases, can have a serious impact on mental health and decrease a person's ability to participate in treatment and recovery. The Centers for Medicare and Medicaid Services estimate that depression in older adults occurs in 25 percent of those with other illnesses, including: arthritis, cancer, cardiovascular disease, chronic lung disease, and stroke.

According to the Healthy People 2020 report, mental disorders are among the most common causes of disability. The resulting disease burden of mental illness is among the highest of all diseases. According to SAMHSA's 2014 National Survey on Drug Use and Health (NSDUH) an estimated 43.6 million (18.1%) Americans aged 18 and up experienced some form of mental illness. In the past year, 20.2 million adults (8.4%) had a substance use disorder. Of these, 7.9 million people had both a mental disorder and substance use disorder, also known as co-occurring mental and substance use disorders.

**Suicide:** Mental health disorders are the leading cause of disability in the United States and Canada, accounting for 25% of all years of life lost to disability and premature mortality. Moreover, per the Centers for Disease Control and Prevention (CDC), suicide is the 10th leading cause of death in the

United States, accounting for the deaths of approximately 41,149 Americans in 2017 and The Florida Department of Health's (FDOH) Bureau of Vital Statistics reported a 14.4 rate of suicide per 100,000 in Flagler County.

### **Substance Abuse**

Drug abuse and addiction have negative consequences for individuals and for society. Estimates of the total overall costs of substance abuse in the United States, including productivity and health- and crime-related costs, exceed \$600 billion annually according to the National Institutes of Health. This includes approximately \$193 billion for illicit drugs, \$193 billion for tobacco, and \$235 billion for alcohol. As staggering as these numbers are, they do not fully describe the breadth of destructive public health and safety implications of drug abuse and addiction, such as family disintegration, loss of employment, failure in school, domestic violence, and child abuse.

## Goal: Adult Behavioral Health:

Strategy A.1. Seek funding to implement a Central Receiving system for individuals needing evaluation or stabilization for mental health or substance abuse crisis services.

Objective A.1.1.: By December 31, 2019, SMA will obtain funding from Lutheran Health Services to implement a Central Receiving unit in Flagler County

**Key Partners:** SMA Healthcare, Halifax Health, Advent Health Palm Coast hospital and other service providers

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
A.1.1	By December 31, 2019, SMA will obtain funding from Lutheran Health Services to implement a Central Receiving unit in Flagler County	No funding for Central Receiving Unit	<i>SMA Healthcare has successfully maintained their CRS funding from the Legislature. A \$2million federal Zero Suicide grant was awarded to SMA. SMA has created a Mobile Crisis Response Team</i>	\$2million	12/31/2019	▲	<i>Completed</i>
2020 Revisions							
N/A							
Rationale							
Objective was achieved; therefore, no revision necessary							

## **Progress in 2019**

The objective regarding the establishment of a Central Receiving Unit was achieved by our partner, SMA, Inc., the largest mental health and substance abuse provider in Flagler County and our 5-county area. A \$2 million grant was awarded to them by Lutheran Health Services, the managing entity who is subcontracted by the Department of Children and Families for releasing the grant dollars.

Through Flagler Cares, Inc., progress was monitored and reported to Coalition members on a bi-annual basis.

Strategy A.2. Provide smoking cessation classes in various locations around the County.

Objective A.1.2: By December 31, 2029, Department of Health Flagler will implement a new program aimed at pregnant mothers who smoke, called ‘Tobacco Free Baby and Me’.

**Key Partners:** Flagler Cares

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
A.1.2	By December 31, 2019, DOH-Flagler will implement a new program aimed at pregnant mothers who smoke called, ‘Tobacco Free Baby and Me.’	No program	<i>In 2019, 5 classes were held, 36 referrals and 13 pregnant moms attended class.</i>	Begin the program	12/31/19	▲	<i>Completed</i>
2020 Revisions							
ABH 1.j.	Advent Health partners with AHEC to increase free tobacco cessation classes provided to underserved communities	82		90 classes	12/31/21		
Rationale							
AHEC program is effective in helping folks kick the tobacco smoking habit and should be continued.							

**Progress in 2019**

The objective for the implementation of a new program for pregnant moms who smoke called ‘Tobacco Free Baby and Me’ successfully began. As an incentive to remain compliant, pregnant moms who succeed and quit smoking are awarded with a year’s worth of free diapers. So far, 1 mother passed their monitoring test for smoking and has received the diapers at no cost.

The program was monitored by the Department of Health-Flagler WIC program and results shared with Flagler Cares, Inc. and the Coalition.

Strategy A.3. Provide lung cancer screening to at risk individuals

Objective A.3.1. By December 31, 2019, increase by 5% the number of individuals provided lung cancer screening services at Advent Health Palm Coast hospital.

**Key Partners:** Advent Health Palm Coast hospital

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
A.3.1.	By December 31, 2019, increase by 5% the number of individuals provided lung cancer screening services at Advent Health Palm Coast hospital.	171 screens	<i>In 2019, 203 lung screenings were conducted, an 18% increase</i>	5 % increase	12/31/19	▲	<i>Completed</i>
2020 Revisions							
Rationale							
<b>Objective was achieved; therefore, no revisions necessary</b>							

**Progress in 2019**

This objective was the responsibility of Advent Health Palm Coast hospital in Flagler County. The hospital is a valuable CHIP partner and began a program of conducting lung screenings via CAT scanning in 2018 and continued into 2019. They will keep this going. An 18% increase in testing was occurred in 2019. The CAT scan testing will continue as part of their routine services being offered to the public.

The program was monitored by both Advent Health Palm Coast and Flagler Cares, Inc.

**Strategy A.4. Increase the awareness of suicide deaths and prevention activities in Flagler County**

Objective A.4.1 By December 31, 2019, decrease the suicide death rate in Flagler County from 30 deaths to 25 per 100,000

**Key Partners:** Flagler Cares, School System, Law Enforcement, Sheriff’s Office, Flagler County Suicide Awareness Task Force, County Public Safety Coordinating Council, SMA, DOH-Flagler, UCF, USF, Lutheran Health Systems, Florida Council for Community Health.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
A.4.1	By December 31 2019, decrease the suicide death rate in Flagler County from 28.8 in 2017 to 25 deaths per 100,000 in 2019.	28.8 per 100,000	In 2017, Flagler County had the highest suicide rate in the State	24.8 Suicides per 100,000. Target of 25 per 100,000 reached.	12/31/19	▲	On Track
2020 Revisions							
ABH 1. c.1.	Increase the number of Zero Suicide Care Coordination participants	367		1500	12/31/22		Flagler County was ranked #1 in State for suicides in 2017. This is a priority for the Community and our partners. We have made progress and now Ranked 9 <sup>th</sup> .
Rationale							
Suicide awareness and high rates in Flagler County is still a health and mental health priority. It is among the top priorities for the County's Public Safety Coordinating Council.							
ABH 1.c.2.	Increase the number of community members trained in the QPR (Questions, Persuade, Refer)	263		1000	12/31/22		Flagler County was ranked #1 in State for suicides in 2017. This is a priority for the Community and our partners. We have made progress and now Ranked 9 <sup>th</sup> .

### Progress in 2019

This objective has been a CHIP priority for the last 5 years. After the recession, socio-economic factors and social determinants of health weighed heavy on Flagler County. Of 5 community health priorities, Adult and Youth Behavioral Health became the top two strategies. A 12-person Suicide Prevention Task Force was formed and an awareness campaign with assistance from many local and university partners commenced. The Flagler Cares, Executive Director, Carrie Baird formed and facilitated the task forces activities. They have met quarterly and making progress with numerous presentations, PSA's, radio and interviews to raise awareness. SMA, Inc., sought and received an SAMHSA grant to provide suicide care coordination and QPR training. A Suicide prevention web site was also created.

This initiative is being monitored by the County's Public Safety Coordinating Council, Flagler Cares and SMA.

### Strategy A.5. Continue Mental Health First Aid Training in our community

Objective A.5.1. By December 31, 2019, increase the number of mental health first aid trainings by 5% over the previous year.

**Key Partners:** Flagler County School System, Flagler Cares and SMA, Inc.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
A.5.1	By December 31 2019 increase the number of mental health first aid trainings by 5% over the previous year.	5 trainings	In 2019, SMA Health Care provided 8 mental health aid trainings in our County School system	8 mental health trainings held, an increase of 60%	12/31/19	▲	<i>On Track</i>
2020 Revisions							
ABH 1.b.1.	Increase the number of individuals who have completed MHFA.	486		1,782	12/31/22		Mental Health first training is important due to both adult and youth behavioral health as the top 2 strategic health priorities in Flagler County.
Rationale							
High suicide rates, domestic violence, other data points and community survey, all point to Adult and Youth Behavioral Health as continuing to be high strategic health priorities in Flagler County.							

**Progress in 2019**

This objective has been a CHIP priority for the last 6 years. Adult and Youth Behavioral Health are the top two strategic health priorities in Flagler County. The data, the CHA community survey, input from key partners such as the Sheriff’s Office and School System all point to continued challenges with Suicide, alcohol and substance abuse, domestic violence and lack of funding for these unmet needs. Additional mental health first aid trainings were conducted by SMA in 2019 and the goal is to do more in 2020.

This initiative is being monitored by the Flagler County School System, SMA and Flagler Cares, Inc.

**Strategy A.6. Increase inpatient psychiatric service capacity**

**Objective A.6.1. By December 31, 2019 increase the number of inpatient psychiatric unit patients at Halifax Health by 10% over the previous year**

**Key Partners:** Halifax Health and SMA Healthcare.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	

A.6.1	By December 31 2019 increase the number of inpatient psychiatric unit patients at Halifax Health by 10% over the previous year	298 admissions in 2018.	The baseline was exceeded by 13% and was 338 served in 2019. SMA served a total of 2,584 in Flagler; 19,533 services	327 admissions	12/31/19	▲	On Track
<b>2020 Revisions</b>							
N/A							
<b>Rationale</b>							
We expect that inpatient admissions will continue at Halifax Health especially in relation to the COVID 19 Public health emergency crisis from Feb '20--							

### Progress in 2019

This objective has been a CHIP priority for the last 6 years. Adult and Youth Behavioral Health are the top two strategic health priorities in Flagler County. We expect inpatient and outpatient psychiatric services to continue in the future. It is hoped that more progress will be made with outpatient medication assistance therapy for those addicted to substance abuses. On February 10, 2020, a special community forum on substance abuse and mental health was held with 50+ stakeholders, including governmental, school system, law enforcement, public health and state agencies. The speaker panel included the CEO of Lutheran Health Systems, Flagler Cares Executive Director and the COO of SMA. Important updates were provided on SAMH State funding, legislative session, challenges such as significant shortage of providers, for mental health agencies and Managed Care Plans (80% of provider panel has left MMA plans). Also, gaps in the coordination of care was discussed and new opportunities such as telehealth, certified peer specialists working in the hospital emergency room, possibility of an outpatient mental health drop in center in Bunnell that SMA would staff and medication assistance

Therapy (suboxone) in place in Flagler County by March '20. SMA is monitoring progress.

### Strategy A.7 Increase Senior Behavioral Health Education Services

Objective A.7.1. By December 31, 2019, increase the number of classes for seniors in Volusia and Flagler Counties by 10% over the previous year.

**Key Partners:** Halifax Health, YMCA of Volusia and Flagler counties

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	

A.7	By December 31, 2019, increase the number of classes for senior in Volusia and Flagler Counties by 10% over the previous year.	11 classes held in 2018	In 2018, 18 classes were held by Halifax Health for 263 seniors. The YMCA provided 3 dementia classes for 32 seniors.	13 classes; target was exceeded	12/31/19	▲	Completed
<b>2020 Revisions</b>							
N/A							
<b>Rationale</b>							

**Progress in 2019**

This objective has been a CHIP priority for the last 6 years. Adult Behavioral Health has been a community priority and remains so. The Suicide Rate is spread across all age groups. Our Senior population in Flagler is greater than the State average. Strategies related to additional mental health first aid classes, initiatives by the Suicide Prevention Task Force and other actions should have an impact going forward on senior adults.

This initiative is being monitored by Flagler Cares, SMA, Inc.

## **CHIP Priority Area #2: Youth Behavioral Health**

### **Behavioral Health**

According to SAMHSA, mental and substance use disorders can have a powerful effect on the health of individuals, their families, and their communities. In 2017, 2.8 million youth (ages 12 to 17) had a major depressive episode during the past year. People with a mental health issue are more likely to use alcohol or drugs than those not affected by a mental illness, and substance use can often be an indicator that there is an underlying mental health issue that needs to be addressed. In 2014, an estimated 22.5 million Americans aged 12 and older self-reported needing treatment for alcohol or illicit drug use.

These disorders are among the top conditions that cause disability and carry a high burden of disease in the United States, resulting in significant costs to families, employers, and publicly funded health systems. By 2020, mental and substance use disorders will surpass all physical diseases as a major cause of disability worldwide. In addition, drug and alcohol use can lead to other chronic diseases such as diabetes and heart disease. Addressing the impact of substance use alone is estimated to cost Americans more than \$600 billion each year.

Preventing mental and/or substance use disorders and related problems in children, adolescents, and young adults is critical to Americans' behavioral and physical health. Behaviors and symptoms that signal the development of a behavioral disorder often manifest 2-4 years before a disorder is present and according to NIH, 50% of mental health disorders have their onset by age 14.

In addition, the Institute of Medicine and National Research Council's Preventing Mental, Emotional, and Behavioral Disorders Among Young People report – 2009, notes that cost-benefit ratios for early treatment and prevention programs for addictions and mental illness programs range from 1:2 to 1:10. This means a \$1 investment yields \$2 to \$10 savings in health costs, criminal and juvenile justice costs, educational costs, and lost productivity.

### **Mental Health Disorders:**

If approximately one out of five adolescents have a diagnosable mental health disorder and nearly one third show symptoms of depression, it is important for all systems of care, including families, to have access to screening tools and information about where and how to receive treatment. Flagler youth often have access to care barriers when it comes to receiving services as clinical resources are often located outside the county, especially for crisis stabilization.

According to the U.S. Department of Health and Human Services Office of Adolescent Health, important mental health habits—including coping, resilience and good judgment—help adolescents to achieve overall wellbeing and set the stage for positive mental health in adulthood. It is estimated that approximately one in five adolescents has a diagnosable mental disorder, such as depression and/or anxiety disorders and that less than half of adolescents with psychiatric disorders are thought to have received any kind of treatment in the last year. According to SAMHSA an estimated 1.7 million young

adults ages 18 to 25 in the United States had a serious mental illness, and their prognosis was greatly enhanced when the early signs and symptoms were discovered and treated during adolescence.

According to the National Institute of Mental Health, of teens 13-18, 11% will have a mood disorder, 10% a behavior or conduct disorder and 8% an anxiety disorder (these can be co-occurring). Warning signs aren't always obvious as they mimic what is considered typical teenage behavior, but more common symptoms include persistent irritability, repeated substance use, anger or social withdrawal, as well as major changes in appetite or sleep. Mental health disorders can disrupt school performance, harm relationships, and lead to suicide (the third leading cause of death among adolescents). Barriers such as not recognizing the symptoms early on, or fear of labeling and stigma regarding mental health disorders, inhibit some adolescents and their families from seeking help.

**Delinquency:** Delinquency, mental health and substance abuse can be co-occurring. According to the National Institute for Mental Health, 70% of youth in state and local juvenile justice systems have a mental illness. Youth who have a juvenile record may face future barriers that will impact their health and wellbeing, such as the inability to apply for certain jobs, gain entrance into certification programs, university systems or the military. Flagler County's juvenile arrests have steadily declined since 2010 with 319 intake arrests (223 youth) in the 2014-15 fiscal year per the Juvenile Justice Information System.

**Suicide:** Young people with mental health problems such as anxiety, depression, bipolar disorder, or insomnia are at higher risk for suicidal thoughts. Teens experiencing major life changes (parents' divorce, the loss of a loved one, moving, a parent leaving home due to military service or parental separation, relationships failing, financial changes) and those who are victims of bullying are at greater risk of suicidal thoughts. According to the CDC, among high school students in the United States, females were more likely to report having considered, planned, and attempted suicide compared to males.

### **Youth Alcohol Use in Florida**

The Florida Youth Substance Abuse Survey (FYSAS) is administered bi-annually to randomly selected middle & high school students. The survey includes questions to measure the percent of self-reported use of alcohol and the self-reported use of marijuana or hashish by high school students and middle school students in the past 30 days. With overall prevalence rates of 46.7% for lifetime use and 21.7% for past-30-day use, alcohol is the most commonly used drug among Flagler County students, and 20% of high school students reported riding in a car with a driver who was under the influence of alcohol.

According to research by the National Institute on Alcohol Abuse and Alcoholism, adolescents who begin drinking at a young age are more likely to develop alcohol dependence than those who begin drinking at age 21 due to the social, emotional and neurological patterns established during this critical developmental period. Alcohol use also impairs judgment and can lead to other high-risk behaviors such as drunk driving and sexual activity. Excessive alcohol use in the form of binge drinking can lead to increased risk of health problems such as liver disease or unintentional injuries. According to the most recent FYSAS report, 10.4% of Flagler County Youth reported binge drinking.

**Tobacco:** Youth who start smoking young are more likely to have a long-term addiction to nicotine than people who start smoking later in life, putting them at greater risk for smoking-related illness and death. If smoking prevalence among adolescents persists, it is estimated that 5 million persons under the age of 18 will die prematurely from smoking-related diseases. According to the 2017 FYSAS, 21.7% of Flagler youth reported “any lifetime” cigarette use and 7.5% “past 30-day” use.

**Marijuana:** Among youth, illicit drug use is associated with heavy alcohol use, tobacco use, delinquency, violence, and suicide. Marijuana is the most commonly abused illicit drug by Flagler youth, with a 27.6% “any lifetime” and 13.3% “past 30-day” use. Marijuana intoxication can cause distorted perceptions, impaired coordination, difficulty thinking and problem solving, and problems with learning and memory with adverse effects that last for days or weeks after the acute effects of the drug have worn off. Chronic marijuana use can lead to addiction. Addictive behaviors may result in harmful effects on social functioning in the context of family, school, work, and recreational activities. Students who are not current marijuana users are more than twice as likely to report an average grade of “A” than those who are current users of marijuana. In Flagler County, 10.5% of surveyed students reported using Marijuana before or during school and 23.8% reported riding in a car with someone driving under the influence of marijuana.

### **Local Data Summary**

**Behavioral Health:** The percentage of middle school and high school students in Flagler County who self-reported they had used alcohol in the past 30 days or reported binge drinking decreased over the reported years. The rate for each of those indicators was similar to the Florida rate. There was also a decrease in middle school students who reported using marijuana/hashish in the past 30 days and the rate was consistently higher than the state rate. The percent of high school students who reported using marijuana/hashish increased then decreased over the reported years ending almost at the same percentage as it began and the same as the state percentage. The percentage of middle school and high school students who reported smoking cigarettes in the past 30 days decreased over the years reported; however, the percent of middle school students increased slightly in the last year reported from the previous reported year. Both percentages were higher than the Florida percentage.

**Mental Health:** The percentage of children in grades K-12 who were Emotionally Handicapped has decreased over the five years reported and was lower than the Florida rate throughout. The Suicide Death Rate for youth ages 12 to 18 started lower than the state rate and increased with the count going from 0 in the initial three-year period to 2 in the final three-year period reported ending higher than the state rate. Over the same time period, the rate for non-fatal hospitalizations for self-inflicted injuries for youth ages 12 to 18 decreased with a count of 4 or fewer each single year of the three-year rates reported and the rate consistently below the Florida rate. The rates for referral to the Department of Juvenile Justice decreased significantly and was higher than the Florida rate.

## **Goal # 2: Youth Behavioral Health**

Strategy B.1. Seek Funding to implement a Community Action Team in Flagler

Objective B.1.1. By December 31, 2019, increase the number of youth served by CAT team services by 10% over the previous year.

**Key Partners:** Halifax Health, SMA Healthcare, Flagler School System, DCF, DJJ, SEDNET, Community Partnership for Children

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
B.1.1.	By December 31, 2019, increase the number of youth served by CAT team services by 10% over the previous year.	15 youth	In 2017, CAT teams were funded. In 2018, Flagler CAT team served 15. In 2019, Halifax Health served 19	17	12/31/19	▲	<i>Completed</i>
2020 Revisions							
YBH 1. b.	Expand the utilization of the Crisis Response Team by 20% by December 31, 2022	33		41	12/31/22		
Rationale							
Program objective was revised for 2020-2023 CHIP							

**Progress in 2019**

The key variable for this objective involved funding from the Legislature which was achieved in 2017. Progress was made in 2018 and 2019. The program is now ongoing. Therefore, another youth related objective will be identified for 2020-2023 CHIP.

The program was monitored by Flagler Cares, Halifax Health and the School System.

**Strategy B.2. Expand School Based Behavioral Healthcare services**

**Objective B.2.1.** By December 31, 2019 obtain a grant to provide a new centralized, coordinated system of mental health and substance abuse for youth and divert them from the Juvenile Justice system and avoid hospitalization through Baker Act.

**Key Partners:** Halifax Health, SMA Healthcare, Flagler School System, DCF, DJJ, SEDNET, Community Partnership for Children

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
B.2.1.	By December 31, 2019 obtain a grant to provide a new centralized, coordinated system of mental health and substance abuse for youth and divert them from the Juvenile Justice system and avoid hospitalization through Baker Act.	No grant	2 grants were received totaling \$400,000	Grant award	12/31/19	▲	<b>Completed</b>
2020 Revisions							
YBH 1.b.1.	Identify 1 psychiatric service gap among school aged youth in County.	N/A		Plan developed for identifying gap.			
Rationale							
This objective is revised from prior CHIP cycle and will continue in CHIP period, 2020-2023.							

### Progress in 2019

A \$400,000 grant was received through the efforts of Halifax Health, the Flagler School System, Flagler Cares, DJJ and SMA Healthcare. The goal is to divert students from the Juvenile Justice system and/or sent to the hospital per the Baker Act. A more coordinated and centralized system of care was needed. In 2018, 514 students were screened and referred for behavioral health services. In 2019, 1,228 students were served. The current focus is to improve coordination of care between the school system and SMA.

The program was monitored by Flagler Cares, Halifax Health and the School System.

### Strategy B.3. Expand the Help Me Grow program in Flagler County

**Objective B.3.1.** By December 31, 2019 the number of children screened by the Help Me Grow program will increase by 10% over the previous year.

**Key Partners:** DOH-Flagler, Early Learning Coalition of Flagler and Volusia, Healthy Start and United Way of Volusia and Flagler Counties.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
B.3.1.	By December 31, 2019 the number of children screened by the Help Me Grow program will increase by 10% over the previous year.	192 Children in 2018	In 2018, 192 Flagler children ages birth to 8 years old took the ASQ-SE screening at the Health Department via the WIC program. In 2019, 220 children were screened.	211; Outcome was 220; target exceeded	12/31/2019	▲	<i>Completed</i>
2020 Revisions							
N/A							
Rationale							
Program objective was achieved and is ongoing							

### Progress in 2019

In 2018, the number of children screened was 192. In 2019, the target of 211 was exceeded. 220 children received the Social/Emotional Screening tool. This CHIP objective was achieved and will not be repeated going forward because this program has been operationalized and is ongoing. We will move on to a new objective to be determined.

The program was monitored by the key partners, including Health Department, Early Learning Coalition, United Way and Healthy Start of Flagler and Volusia counties.

### **CHIP Priority Area #3: Cardiovascular Disease and Diabetes**

Chronic diseases and conditions—such as heart disease, stroke, cancer, and diabetes—are among the most common, costly, and preventable of all health problems. These conditions shorten lives, reduce quality of life, and create considerable burden for caregivers.

According to the Centers for Disease Control and Prevention (CDC):

- As of 2012, about half of all adults in the United States—117 million people—had one or more chronic health conditions. One of four adults had two or more chronic health conditions.
- Seven of the top 10 causes of death in the United States in 2010 were chronic diseases. Two of these chronic diseases—heart disease and cancer—together accounted for nearly 48% of all deaths. In 2014, 46% of all Flagler County deaths were from heart disease and cancer, with cancer being the leading cause of death according to Florida CHARTS.

Health risk behaviors contribute significantly to this high prevalence of chronic diseases. Four of these health risk behaviors—lack of exercise or physical activity, poor nutrition, tobacco use, and drinking too much alcohol—cause much of the illness, suffering, and early death related to chronic diseases and conditions.

While chronic disease affects health and quality of life, it is also a major driver of health care costs. According to the CDC, in 2010, eighty-six percent of all health care spending was for people with one or more chronic medical conditions.

## **Cardiovascular Diseases**

**Heart Disease:** The term "heart disease" refers to several types of heart conditions. The most common type of heart disease in the United States is coronary artery disease, which affects the blood flow to the heart. Decreased blood flow can cause a heart attack. The Flagler County heart failure rate and rate among Whites in Flagler County has exceeded the state rate for the last five years.

**Cerebrovascular Disease or Stroke:** A stroke occurs when blood vessels carrying oxygen to the brain become clogged (or burst), thereby cutting off the brain's supply of oxygen. Each year, approximately 795,000 people in the U.S. will suffer a new or recurrent stroke. The risk of stroke more than doubles with each decade of life for those that are 55 and older.

**Diabetes:** Diabetes is a disease in which blood glucose levels are above normal. Diabetes can cause serious health complications including: heart disease, blindness, kidney failure, and lower-extremity amputations. The A1C test is a common blood test used to diagnose type 1 and type 2 diabetes and then to gauge how well diabetes is being managed. In Flagler County, the diabetes death rate was higher than the state rate and there was an age-adjusted death rate disparity for Blacks with diabetes in 4 out of the 5 reporting periods.

**Modifiable Risk Factors:** Chronic diseases are the leading causes of death not just in Flagler, but worldwide and a small set of common risk factors are responsible for most of the main chronic diseases. These major risk factors are modifiable and the same in men and women; unhealthy diet, physical inactivity and tobacco use. Harmful alcohol use is also an important contributor to the global burden of disease but its relationship to chronic disease is more complex.

Regular physical activity can help people manage their weight as well as reduce their risk for chronic disease. According to guidelines set by the Centers for Disease Control and Prevention, children and adolescents should get 60 minutes or more of physical activity per day, and adults 18 years and older

should get 150 minutes of physical activity per week. Most people do not get the recommended amount of daily activity.

Proximity to exercise opportunities, such as parks and recreation facilities, has been linked to an increase in physical activity among residents. Regular physical activity has a wide array of health benefits including weight control, muscle and bone strengthening, improved mental health and mood, and improved life expectancy.

As reported on the Community Health Survey, Flagler residents' *Top 5 Things that Allow YOU to be Healthy Where You Live are:*

- Access to health care
- Having a clean and healthy environment
- Access to places where they could be active
- Areas where it is easy and safe to walk
- Low Crime rates/safe neighborhoods

**Adults who are Overweight:** The percentage of overweight and obese adults is an indicator of the overall health and lifestyle of a community. Losing weight and maintaining a healthy weight helps prevent and control these diseases. Being overweight or obese carries significant economic costs due to increased health care spending and lost earnings.

**Obesity Increases Risk of:**

- Heart disease
- Type 2 diabetes
- Cancer
- Hypertension
- Stroke
- Liver Disease
- Gallbladder disease
- Respiratory problems

**Adults with Good Physical Health:** According to the CDC, physical activity:

- helps control weight, increases chances of living longer
- reduces risk of cardiovascular disease
- reduces risk of type 2 diabetes and metabolic syndrome
- reduces risk of some cancers
- strengthens bones and muscles
- improves mental health and mood
- improves ability to do daily activities and prevent falls

**Children:** Inactivity during childhood and adolescence increases the likelihood of being inactive as an adult. Adults who are less active are at greater risk of dying of heart disease and developing diabetes, colon cancer, and high blood pressure. Half of American youths ages 12-21 are not vigorously active on a regular basis, and about 14 percent of young people report no recent physical activity. Participation in all types of physical activity declines drastically with both age and grade in school.

## **Local Data Summary**

**Cardiovascular Diseases:** The Flagler age-adjusted rate for heart failure deaths increased over the years reported and was higher than the Florida rate. Flagler males had consistently higher rates for heart failure deaths than Flagler females with higher counts for three of five time periods reported. The highest heart failure death rate countywide and for Whites was in ZIP Code 32110 with the highest count in 32164. The counts for both Blacks and Hispanics were fewer than 5 causing the rates to be considered unstable. The hospitalization rate for congestive heart failure decreased over the reporting period and ended slightly lower than the Florida rate. While Blacks and Hispanics had a lower death rate than Whites, the hospitalization rate for Blacks was higher than that of Hispanics and Whites which were very similar.

Regarding coronary heart disease, Flagler's age-adjusted hospitalization rate decreased from 2010 to 2013 then increased in 2014 to end higher than the Florida rate while the age-adjusted death rate increased consistently and remained lower than the Florida rate. Flagler males have coronary heart disease death rates more than twice Flagler females with counts higher in every time period reported. The Hispanic hospitalization rate was consistently lower than the rate for Whites while the rate for Blacks decreased from 2010 to 2011 then increased for the remaining years. The coronary heart disease death rate for Whites mirrored the county rate with the rate for Blacks and Hispanics having been very similar and trended upward more steeply. The coronary heart disease death rate was highest in ZIP Code 32136 though the count was highest in 32164. The highest rate for Blacks and Hispanics was 32137 and the highest rate (and lowest count) for Whites was in 32110.

Hospitalizations with a primary diagnosis of cardiovascular disease and an associated diagnosis of obesity had the highest count overall and among Whites in ZIP code 32164 and the highest rate in 32110. The rate among Blacks was highest in 32110 and more than double the next closest ZIP code, 32137, although 32164 had the highest count. The lowest rates were among Hispanics in all ZIP codes. There were no hospitalizations with these two diagnoses among Blacks or Hispanics in ZIP code 32136.

Regarding stroke, the Flagler age-adjusted rate for both hospitalizations and deaths has remained somewhat steady and similar to the Florida rate. For both hospitalization and death rates, Hispanics in Flagler County had the lowest rates, Whites and Blacks had rates similar to the county rate. The stroke death rate was similar in three ZIP Codes and all were higher than 32164. The rate for Whites was highest in 32110. The rates by ZIP Code for Blacks and Hispanics were considered borderline unstable due to counts of 6 or fewer. In Flagler, the age-adjusted deaths from stroke for females had consistently higher counts and rates than Flagler males. A slightly higher percentage of Flagler adults had been told they had high blood cholesterol than Florida adults. Flagler also had a slightly higher percentage of adults than Florida who had ever been told they had hypertension.

**Diabetes:** The Flagler age-adjusted Diabetes death rate increased slightly over the reported years and ended slightly higher than the Florida rate. The rate was highest for Blacks (which increased overall) and lowest for Hispanics (which decreased overall) in most years with the White rate similar to the county rate. The diabetes age-adjusted death rates and counts were higher for Flagler males (sometimes twice as high) as for Flagler females. The highest rate for diabetes deaths was in ZIP Code 32110 with the highest count in 32137. The highest diabetes death rate for Whites was in ZIP Code 32110 with the highest count in 32164. The ZIP Code rates for Blacks and Hispanics were considered borderline unstable due to counts of 7 or fewer. The rate of preventable hospitalizations for adults under 65 increased over the years reported surpassing the state rate in 2013. Hospitalizations with a primary diagnosis of diabetes and an associated diagnosis of obesity were highest overall and among Whites in ZIP code 32137 by count and highest in 32110 by rate. Both the count and rate overall and among Whites were lowest in 32164 where there were no hospitalizations among Blacks or Hispanics. The rate among Blacks was higher than all other races/ethnicities in 32110 and 32136 with the 32110 rate more than double 32136 and almost triple the rate of Whites in 32110. Hispanics had the lowest counts and rates in all ZIP codes for all races/ethnicities.

Diabetes hospitalizations for ages 12 to 18 decreased then increased and ended essentially the same as it began remaining below the state rate throughout. The percentage for Flagler adults who have ever been told they had Diabetes was slightly lower than the Florida percentage.

**Healthy Eating and Physical Activity:** The percentage of middle school students without sufficient vigorous physical activity decreased and was consistently lower than the Florida percentage. For high school students, the percentage decreased then increased ending essentially the same as Florida. Flagler adults who meet muscle strengthening recommendations had a slightly higher percentage than Florida. In addition, the percentage of Flagler adults who are inactive or insufficiently active is less than Florida. The percentage of WIC children age 2 or older who are overweight or obese decreased over the years reported and was consistently lower than Florida. Similarly, the percentage of middle and high school students who are overweight decreased and was consistently lower than Florida. For middle and high school students who are obese, the Flagler percentage increased and remained lower than the Florida percentage throughout. The percentage of middle school students with a BMI at or above the 95<sup>th</sup> percentile increased and surpassed the Florida percentage in 2012. High school students with the same BMI percentile also increased but the percentage remained somewhat lower than Florida. Adults who self-reported being overweight decreased slightly over the years reported and was essentially the same as Florida. Adults who are obese also decreased and fell below the state in 2013. Concurrently, the percentage of adults who self-reported having a healthy weight increased and rose above the state percentage in 2013. Adults who reported consuming five or more servings of fruits or vegetables per day had a slightly lower percentage in Flagler than in Florida statewide. Hospitalizations with nutritional deficiencies were highest in count and rate in 32164. The counts for Blacks and Hispanics in each ZIP Code were 3 or fewer causing the rates to be considered unstable. Although the counts for Whites were not large, the count and rate was highest in 32164. A greater percentage of Flagler adults said their overall health was “good” to “excellent” than did Florida adults.

### Goal # 3: Cardiovascular Disease and Diabetes

Strategy C.1 Increase community health, wellness, healthy eating and change your life programs in Flagler County

Objective C.1.1 By December 31, 2019, two new programs will be implemented to increase community health, wellness, healthy eating and life style behavior change.

**Key Partners:** DOH-Flagler, Advent Heath Palm Coast, Halifax Health and Early Learning Coalition

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
C.1.1	By December 31, 2019, two new programs will be implemented to increase community health, wellness, healthy eating and life style behavior changes	2 programs; one at Halifax Health and one at Advent Health Palm Coast	In 2018, H.H. provided educational events to 507 folks and another 537 through a DSME program. Advent Health outreached to 2,000 individuals.	2 more programs In 2019, 2 new programs emerged at DOH-Flagler and Early Learning Coalition	12/31/19	▲	<i>Completed</i>
2020 Revisions							
N/A							
Rationale							
The focus going forward will on expansion of the Diabetes Self-Management Education and Diabetes Prevention programs. This is identified in C.3.							

#### Progress in 2019

In 2019, DOH-Flagler implemented a DSME and DPP program. 2 Diabetes educators were hired. One to lead DSME and the other to lead DPP. 53 individuals have graduated from the DSME program and 46 are currently enrolled in DPP. Also, the Early Learning Coalition began the 5-2-1-0- campaign for child care providers in Flagler and Volusia counties.

The program was monitored by DOH-Flagler, Flagler Cares, and the 2 hospitals.

Strategy C.2. Increase Access to free health screenings (Cholesterol, HbA1C, Blood Pressure) for Flagler County residents.

Objective C.2.1. By December 31, 2019, Advent Health Palm Coast and Halifax Health will increase screening activities by 10% over 2018.

**Key Partners:** DOH-Flagler, Advent Health Palm Coast, Halifax Health and Early Learning Coalition

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
C.2.1.	By December 31, 2019, Advent Health Palm Coast and Halifax Health will increase health screening activities by 10% over 2018.	680 persons screened in 2018	In 2019, a total of 795 individuals were screened, representing a 17% increase.	10% increase over previous year	12/31/19	▲	<i>Completed</i>

**Progress in 2019**

In 2019, health screenings by both hospitals increased by 17% over the previous year. The goal was 10%.

In 2020, we will improve our data collection efforts. In addition to the hospital systems, other community partners are doing screenings such as Centra Care facilities, AZA FQHC, our Community Paramedic who conducts wellness visits on the most vulnerable. Since, early March, 2020, the majority of our community partners have suspended routine service activities due to COVID19 and our collective community response. When community partners meet again to complete the objectives, new and revised, related to the 2020-2023 CHIP, DOH-Flagler will recommend that this strategy and objective be included once again.

These programs were monitored by Flagler Cares, Inc., Advent Health Palm Coast and Halifax Health.

Strategy C.3 Increase awareness of Diabetes prevention, education and intervention services.

Objective C.3.1 By December 31, 2019, DOH-Flagler in collaboration with community partners will implement a Diabetes Self-Management Education program and Diabetes Prevention Program for eligible Flagler County residents.

**Key Partners:** DOH-Flagler, Advent Health Palm Coast, Diabetes Alliance, Hospital Foundation.

2019 Performance						
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>
C.3.1.	By December 31, 2019, DOH-Flagler will implement a DSME and DPP program	Only the hospital had a DSME inpatient program	In 2019, DOH-Flagler began services for both DSME and DPP on January 1. Through grant funding, 2.5 FTE's started outreach, screening services, patient assessments and classes	Begin DSME and DPP services.	12/31/19	▲
<b>2020 Revisions</b>						
CDD 2.a.1 2.a.2	By June 30, 2021, both DSME and DPP will be full recognized by the AADE and CDC.	N/A		Full accreditation and recognition	6/30/21	
<b>Rationale</b>						
The focus going forward will on expansion of the Diabetes Self-Management Education and Diabetes Prevention programs and gaining accreditation status by AADE for DSME and full recognition by the CDC for DPP.						

**Progress in 2019**

In 2019, DOH-Flagler implemented a DSME and DPP program. 2 Diabetes educators were hired. One to lead DSME and the other to lead DPP. 53 individuals have graduated from the DSME program and 46 are currently enrolled in DPP. Programs monitored by DOH-Flagler.

Strategy C.4 Implementation of Advent Health’s Community Care Program.

Objective C.4.1 By December 31, 2019, increase the number of patients with chronic disease and prone to unnecessary emergency room admissions who participate in the hospital’s community care program by 10% over the previous year.

**Key Partners:** Advent Health Palm Coast hospital, Flagler Cares, Inc., Emergency Room staff Advent Health Palm Coast.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
C.4.1.	By December 31, 2019, increase the number of patients participating in the community care program by 10% over the previous year.	In 2018, 55 patients	In 2019, 102 patients participated, an 85% increase over 2018	10% increase	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
This is an important program by Advent Health Palm Coast hospital to reduce unnecessary emergency Admissions due to poor coordination of care, better case management of underserved, non-compliant patients.							

**Progress in 2019**

In 2019, the Community Care Program at Advent Health Palm Coast hospital increased the number of patients who required better coordination of care and case management to avoid unnecessary emergency room admissions. 102 patients were diverted from utilizing the ED in contrast to 55 patients in 2018.

This program is being monitored by Advent Health and Flagler Cares, Inc. The program is expected to continue in 2020-2023 with new objectives, TBD.

Strategy C.5 Implement the American Diabetes Association Morning Mile program in the School system.

Objective C.5.1 By December 31, 2019, increase the number of students at Rymfire Elementary who participate in the morning mile program by 10% over the previous year.

**Key Partners:** Advent Health Palm Coast hospital, Flagler Cares, Inc., and Flagler County School system.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
C5.1.	By December 31, 2019, increase the number of students participating in the morning mile program by 10% over 2018.	In 2018, 37 students	In 2019, 77 students, 108% increase	10% increase	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
This is an important program between the hospital and school system and will likely continue in 2020-2023							

**Progress in 2019**

In 2019, more students than the previous year participated in the morning mile exercise program prior to classes beginning at Rymfire Elementary school.

This program is being monitored by Advent Health Palm Coast, Flagler Cares, Inc. and Flagler County school system. The CHIP community partners met in November-December 2019 and a school based exercise, walking program will most likely continue in the future. After the COVID19 public health crisis and threat diminishes, the CHIP task force will re-engage and identify a future objective attached to this strategy.

## **CHIP Priority Area #4: Maternal and Child Health Under Age 5**

Improving the well-being of mothers, infants, and children is an important public health goal for the United States. Their well-being determines the health of the next generation and can help predict future public health challenges for families, communities, and the health care system (Healthy People 2020). There is now extensive evidence that conditions before birth and in early childhood influence health in adult life. For example, low birth weight is now known to be associated with increased rates of high blood pressure, heart disease, stroke and diabetes.

### **Factors Affecting Pregnancy, Infant and Child Health:**

- Preconception health status
- Age
- Access to appropriate preconception and inter-conception health care
- Poverty
- Socio-demographic factors (family income, physical and mental health of parents and caregivers)

**Low Birth Weight:** Birth weight is one of the strongest predictors of an infant's health and survival. Low birth weight is often associated with premature birth. Babies born with a low birth weight are more likely to require specialized medical care and there may be risk of infant death or long-term disability.

**Fetal Mortality:** Fetal mortality is the death of a fetus or baby after 20 weeks' gestation. Florida CHARTS notes that fetal mortality and the fetal mortality rate reflect the health and well-being of the population's reproductive-age women, their pregnancies, and quality of the health care available.

**Infant Mortality:** Infant mortality is the death of a live-born baby during the first year of life. Pre-term birth (<37 weeks gestation) is a major contributor to infant mortality. Florida CHARTS states that infant mortality and the infant mortality rate reflect the health and well-being of the population's women of reproductive age and their infants as well as the quality of health care available. It further states that infant mortality information is used by local governments and organizations to identify areas in need and designate available resources.

**Births to Mothers with First Trimester Prenatal Care:** Prenatal care refers to the medical care that women receive during pregnancy. Babies born to mothers who do not receive prenatal care are three times more likely to have a low birth weight and five times more likely to die than those born to mothers who do get care. To achieve the greatest benefit for both the mother and baby, it is recommended that women begin prenatal visits in the first trimester of pregnancy or as soon as pregnancy is suspected or confirmed.

**Teen Pregnancy:** According to Florida CHARTS, teen pregnancy is a critical public health issue that affects the health, educational, social and economic future of the mother and child. Teen pregnancy is closely linked to a host of other critical social issues as well: welfare dependency, out-of-wedlock births, responsible fatherhood, and workforce development. Adolescents are less likely to seek out prenatal care because they are afraid or embarrassed. This phenomenon and the immature physical nature of adolescents result in higher rates of low birth weight babies than in other age groups.

**Early Child Development:** According to the World Health Organization, early childhood development is the most important phase in life which determines the quality of health, well-being, learning and behavior across the life span. It is a period of great opportunity, but also of great vulnerability to negative influences and constitutes a unique phase for capitalizing on developmental forces to prevent or minimize disabilities and potential secondary conditions.

**Health Insurance:** Health insurance plays a vital role in helping children to stay healthy. Children require regular checkups, dental and vision care, vaccinations and medical attention for illness and injury. Children with health insurance are more likely to have better health throughout their childhood and adolescence, as they have access to care. Having access to regular screenings and immunizations improves school performance through less frequent illnesses and absences, therefore reducing overall health costs.

**Children Fully Immunized:** Immunizations protect children from contracting and spreading communicable disease such as measles, mumps, and whooping cough. These diseases can result in extended school absences, hospitalizations, and death. Childhood illnesses also have a significant financial impact on parents including costly medical bills and loss of work time.

Immunization is one of public health's leading health indicators and a primary defense against some of the deadliest and debilitating diseases known. It is particularly important to vaccinate small children to prevent them from contracting serious diseases that can be prevented by immunizations.

**Early Learning and School Readiness:** Child Trends reports that children with early skills are more likely to experience later success in education and employment. Flagler's Kindergarten readiness rates have slightly improved over the years despite a decline in participation in Voluntary Pre-Kindergarten Programs. A child's brain is already 80% formed by age 3; 90% by age 5, so exposing young children to early learning activities that help with language, social and emotional development, and equipping parents and caregivers with the skills to successfully support their children will improve not only their childhood but their future as an adult.

## **Local Data Summary**

**Births and Maternal Characteristics:** Births to mothers ages 10-14 were 1 or fewer per year over the years reported as the rate decreased and was below the state rate from 2010-2012 to 2012-2014. Births to mothers ages 15-19 also decreased over the five years reported with the Flagler rate and Florida rate ending almost the same. The rate for Blacks was higher than Whites or Hispanics for four of the five years reported and decreased overall. The rate for Whites and Hispanics varied as to which was higher each year and each decreased overall.

The birth rate for mothers at a healthy weight at the time pregnancy occurred remained steady and below the state rate for the years reported. Births rates for mothers at a healthy weight were highest in ZIP Code 32137 although the highest count was in 32164. The highest count and rate for Black mothers at a healthy weight were in 32164. For White and Hispanic mothers at a healthy weight, the counts were highest in 32164 with the rates highest in 32137. The percentage of births to overweight mothers fluctuated slightly over the reported years and decreased ending slightly below the state percentage. The percentages for overweight Black mothers were the highest of all groups for three of

the five years and lowest for White mothers for four of the five years reported. The count for births to mothers who were overweight was highest in 32164 with the highest rate in 32136. The highest rates for Black, White and Hispanic mothers who were overweight was in 32136 which also had the lowest counts for each group. The percent of mothers who were obese at the time pregnancy occurred remained steady over the years reported and very similar to the state percentage. Percentages for obese Black mothers were the highest of all groups for four of the five years and the percentage for Hispanic mothers was higher than White mothers for three of the five years reported. Rates for births to mothers who were obese at the time of pregnancy were highest in ZIP Code 32110 but the counts were highest in 32164. The rate for Black mothers who were obese was highest in 32137, highest for White mothers in 32110, and highest for Hispanic mothers in 32164. The counts for births to mothers who were underweight at the time of pregnancy were small with the highest rate in 32110 which also had the highest rate for White mothers. The counts for underweight Black and Hispanic mothers were 6 and fewer causing those rates to be considered unstable.

The percent of births to mother over age 18 without a high school education fluctuated and increased overall. The percentages for Black mothers and Hispanic mothers without a high school education exceeded that of White mothers each year with Black mothers having the highest percentage for three of five years. The Flagler percentage as well as the percentage for Whites and Hispanics without a high school education were lower than the state percentage throughout except for Hispanic mothers in 2011. Births to unwed mothers ages 15-19 and ages 20-54 increased slightly over the reported years and were very similar to the Florida percentages for both age groups.

**Repeat Births:** The number of repeat births to mothers ages 15 to 17 was 5 or fewer for each of the three-year periods reported causing the rate to be considered unstable. The Flagler percentage for repeat births to ages 15 to 17 and the percentages for Blacks, Whites, and Hispanics all decreased to 0 in 2012-2014 and were consistently below the Florida rate. The Flagler percentage of repeat births to mothers ages 15 to 19 decreased overall and was lower than the Florida percentage for all years reported. The percentages for Black mothers and Hispanic mothers for repeat births ages 15 to 19 started higher and ended lower than for White mothers. The percentage of repeat births to mothers age 18 to 19 decreased slightly overall and was very similar to the Florida percentage. The count for Black mothers and Hispanic mothers ages 18 to 19 having repeat births was 3 or fewer for each year from 2010 to 2014 which caused the rate to be considered unstable for those groups.

**Maternal Health:** The percentage of births with an inter-pregnancy interval of less than 18 months was the same in 2010 as it was in 2014 with a slight increase in 2012. The Flagler percentage was lower than the Florida percentage in all years reported except 2012. The percentage for Hispanic mothers increased and was the lowest of all groups for four of the five years. The percentage for Black mothers also increased and was the highest of all groups for three of the five years. The Flagler percentage of mothers who reported smoking during pregnancy fluctuated and ended essentially as it began and was higher than the Florida percentage throughout. The percentage for White mothers was the highest of all groups throughout with the percentages for Black mothers and Hispanic mothers similar to the Florida percentage. The Flagler rate for bacterial STDs among women ages 15 to 34 was consistently lower than the Florida rate and decreased over the reporting period. Women over the age of 17 self-reported

heavy or binge drinking at a fluctuating percentage between 2007 and 2013 starting the same as the state percentage and ending higher.

**Birth Characteristics:** The Flagler percentage of very-low-birth-weight (VLBW) births remained steady and was consistently below the Florida percentage. The count for VLBW births for Blacks and Hispanics was 4 or fewer for each year from 2010 through 2014 causing the rates to be considered unstable for those groups. The Flagler percentage of low-birth-weight (LBW) births fluctuated slightly over the reporting period and ended essentially as it began and was lower than the Florida percentage throughout. The percentage for Black LWB births was the highest of all groups for all years. The LBW birth percentages for Whites and Hispanics were similar to the Flagler percentages. The highest percentage for LWB was in ZIP Code 32136 which had the lowest count which was also the case for White LBW births. The counts for Black and Hispanic LBW births in each ZIP Code were 6 and fewer causing the rates to be considered unstable. The percentage of multiple births in Flagler were steady with a slight increase in 2012-2014 and remained below the state percentage throughout. The counts for Blacks and Hispanics were 6 or fewer for each year from 2010 to 2014 causing the rates to be considered unstable for those groups. The Flagler percentage of pre-term births decreased slightly and was consistently lower than the Florida percentage. The percentages for Blacks fluctuated and decreased overall and the percentages for Hispanics fluctuated and increased overall.

**Fetal and Infant Deaths:** The Flagler fetal death rate increased over the reporting period and was similar to the Florida rate. The count for Black, White and Hispanic fetal deaths was 5 or fewer for each year from 2010 to 2014 except for Whites in 2013 (9) causing the rates to be considered unstable in most years for those groups. The count for neonatal mortality (0-27 days) was 5 or fewer for each year from 2010 to 2014. The Flagler neonatal mortality three-year rolling rate decreased for all Flagler groups and decreased to 0 (2012-2014) for Whites and Hispanics. The count for Black and Hispanic neonatal mortality was 4 or fewer for each time period causing the rates to be considered unstable. The Flagler neonatal mortality rate was higher than the Florida rate for three time periods and dropped below for the final two time periods. Similarly, the count for Flagler Post neonatal mortality (28-364 days) was 4 or fewer for each year from 2010 to 2014. The three-year rolling rate for Post neonatal mortality in Flagler increased and increased to become higher than the Florida rate. The Post neonatal mortality count for Blacks and Hispanics was 3 or fewer for all time periods reported causing those rates to be considered unstable. The count for Whites was 4 or fewer for all three-year time periods except 2012-2014 causing the earlier rates to be considered unstable. The infant mortality rate for Flagler has fluctuated and increased slightly overall and was similar to the Florida rate. The Black infant mortality rate was higher than all groups for four of five time periods reported with a count of 5 or fewer in each time period. The Hispanic infant mortality rate was higher than the Flagler rate with a count of 3 or fewer in each time period causing the rate to be considered unstable. The Flagler rate for deaths from Sudden Unexpected Infant Deaths (SUID) increased and was higher than the Florida rate for the last three time periods of the five with a count of 4 or fewer each time period causing the rates to be considered unstable. The SUID rate for Blacks was the highest of all groups for three of the five time periods with a count for each of those three of 1. There were no Hispanic SUID deaths for any of the five time periods.

**Prenatal Care:** The Flagler rate for births with adequate prenatal care increased and was consistently above the Florida rate. The highest rate for births with adequate prenatal care was in ZIP Code 32136

with the highest count in 32164. The highest rates for Black births with adequate prenatal care was in 32164, highest for Whites in 32136 and highest stable rate for Hispanics in 32164 due to 32110 having a count so low the rate was considered unstable. The Flagler percentage of prenatal care entry in the first trimester increased slightly and was also above the Florida percentage for all years reported. The percentage for Blacks for first trimester entry into prenatal care was the lowest of all groups for four of the five years reported. The percentage for Hispanics entering prenatal care in the first trimester was lower than the Flagler rate for until the final year reported. The highest rate for births where prenatal care began in the first trimester was 32136 which had the lowest count. The highest stable rate for Black births with first trimester prenatal care was in 32164 (32136 rate was unstable), highest for White births in 32136, and highest for Hispanic births in 32137. The percentage of births to mothers with no prenatal care increased slightly and was lower than the Florida percentage throughout. The counts for births with no prenatal care for Blacks, Whites and Hispanics were 5 or fewer for each year reported causing rates to be considered unstable by race and ethnicity. Counts for births with no prenatal care were 2 or fewer in each ZIP Code causing the rates to be considered unstable. The rate for births with late entry into prenatal care were highest in 32137 with the count highest in 32164. The highest rates for Black births and White births with late entry into prenatal care were also 32137 with the highest count and rate for Hispanics in 32164.

**Early Childhood:** the rate of Flagler licensed child care centers and homes started slightly higher than the Florida rate, decreased and ended slightly lower. The rate of children in school readiness programs in Flagler County decreased by almost 25% and was lower than the Florida rate for all years reported. The percentage of Flagler children participating in Voluntary Pre-Kindergarten (VPK) decreased considerably (80.4% to 6.5%) and dropped lower than the Florida rate in 2012. The Flagler trend followed the same silhouette as the Florida trend. The rate of Flagler children displaying school readiness at Kindergarten entry increased and was essentially the same as the Florida rate throughout. The percent of immunization levels in kindergarten decreased and started higher than the Florida percentage, ending with the two percentages essentially the same. The percentage of mothers initiating breastfeeding increased over the years reported and was consistently lower than the Florida percentage. The percentage initiating breastfeeding was the lowest for Blacks among all groups for all years. The percentage for Hispanics initiating breastfeeding was the highest of all groups for three of the five years. The rate of Flagler children ages 1-5 receiving mental health treatment services decreased by over 60% from 2006-2008 to 2009-2011 (most recent data available). The Flagler rate remained well below the Florida rate since 2007-2009. The rate for Asthma hospitalizations ages 1 to 5 decreased and was considerably lower than the Florida rate for all three-year time periods reported. The leading cause for non-fatal injuries leading to Emergency Department visits for children under age 5 was falls. The only cause for non-fatal injury hospitalizations for children under age 1 was also falls. The leading causes (tied) for non-fatal injury hospitalizations for children ages 1-4 was bites/stings and struck by, against.

*Key Partners: DOH-Flagler, Halifax Health, Early Learning Coalition, Advent Health Palm Coast hospital, Flagler Cares, Healthy Start of Flagler and Volusia Counties, DOH-Flagler WIC program, DOH-Flagler's prenatal and women's health programs,*

## Strategy D.1. Provide Newborn Lactation classes

Objective D.1.1. By December 31, 2019, Advent Health Palm Coast hospital will increase lactation classes by 10% over the previous year.

**Key Partners:** Advent Health Palm Coast hospital, Flagler Cares, Inc.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.1.1.	By December 31, 2019, the hospital will increase lactation classes by 10% over previous year	In 2018, 20 classes held	In 2019, 32 classes were held, a 60% increase	10% increase	12/31/19	▲	<b>Completed</b>
2020 Revisions							
TBD						TBD	
Rationale							
Without a birthing hospital, this was a beneficial objective to have. Not sure though if it will continue. DOH-Flagler Breastfeeding Peer Counseling program is well regarded and outcomes are 2 <sup>nd</sup> highest in State for participation rate							

### Progress in 2019

In 2019, the hospital increased the number of lactation classes and DOH-Flagler had the 2<sup>nd</sup> highest breastfeeding participation rate in the State at 86%. Many new Moms have engaged in the peer counseling breastfeeding program at DOH-Flagler.

Progress was monitored by Advent Health Palm Coast hospital, DOH-Flagler and Healthy Start.

Strategy D.2.1. Implement Life Song, a program developed by Healthy Start to decrease black infant mortality rates in Flagler County

Objective D.2.1. By December 31, 2019, continue implementation of the Life Song program through presentations and educational classes at predominantly black African American churches and organizations in Flagler County.

**Key Partners:** Local churches and DOH-Flagler

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.2.1.	By December 31, continue implementation of Life Song Program.	In 2018, 24 presentations, health fairs held.	In 2019, Philippa Jones, employee dedicated to program resigned due to serious health reasons.	Continuation of program by part time OPS employee	12/31/19	▼	<b>Not Completed</b>
2020 Revisions							
N/A						N/A	
Rationale							
Due sudden illness of the Life Song coordinator, a part time, OPS employee, the program ended in the Spring, 2019.							

**Progress in 2019**

The Life Song program ended in spring, 2019 due to a sudden, serious illness of the program coordinator. In 2018, the program exceeded expectations and was doing very well with messaging, health fairs and presentations at local African American churches, organizations and groups to reduce the black infant mortality rate in Flagler County.

The program was monitored by DOH-Flagler and DOH-Volusia.

### Strategy D.3. Establish a Circle of Parents program in Flagler County

Objective D.3.1. By December 31, 2019, Healthy Start of Volusia and Flagler County will establish 'Parent Café Dialogues' at Project Warm in Bunnell.

**Key Partners:** Healthy Start of Volusia and Flagler, SMA and Project Warm

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.3.1.	By December 31, 2019, Healthy Start will establish a Parent Café Dialogue at Project Warm.	0 dialogues	In 2019, 57 parents participated in 3 parent dialogues.	Begin dialogues; 57 parents	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
These dialogues are an important social determinant strategy employed by Healthy Start. COVID 19 Response and activities have hindered continuation in 2020.							

#### Progress in 2019

In 2019, Healthy Start of Volusia and Flagler established a Parent Café Dialogue at Project Warm in Bunnell, Florida. The purpose behind the dialogues is to provide peer support, guidance, counseling and services to new parents in a safe and healthy environment.

The program was monitored by Healthy Start of Volusia and Flagler counties.

## Strategy D.4. Expand Promotion of Breastfeeding support groups

Objective D.4.1. By December 31, 2019, DOH-Flagler will increase outreach to community groups by 10% over the previous year for raising awareness about the benefits of breastfeeding.

**Key Partners:** DOH-Flagler, WIC program

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.4.1.	By December 31, 2019, DOH-Flagler will increase outreach by 10% over 2018 to raise awareness about benefits of breastfeeding.	In 2018, 56 outreach events	In 2019, outreach activities held for 95 community groups reaching 1,582 individuals.	67% increase over 2018	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
DOH-Flagler is restructuring staffing for the breastfeeding counseling program.							

### Progress in 2019

In 2019, outreach activities in the community about the benefits of breastfeeding increased by 67% over the previous year. This surpassed the objective of a 10% increase.

This program was monitored by the DOH-Flagler.

## Strategy D.5 Promotion of Family Planning services

Objective D.5.1. By December 31, 2019, increase family planning services by 10% over the previous year.

**Key Partners:** DOH-Flagler, WIC program, Healthy Start

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.5.1.	By December 31, 2019, DOH-Flagler will increase family planning services by 10% over the previous year.	In 2018, 120,662 FP services provided	In 2019, 124,049 FP services provided, an increase of 3%.	10% over 2018 in 2019.	12/31/19	▲	<i>On Track</i>
2020 Revisions							
TBD						TBD	
Rationale							
DOH-Flagler remains committed to growing family planning services in 2021							

### Progress in 2019

In 2019, Family planning services increased by 3% over 2018. Additionally, FP clients and visits grew over calendar year 2018.

This program was monitored by the DOH-Flagler.

## Strategy D.6 Improve the quality of early learning resources in Flagler County

Objective D.6.1. Early Learning Coalition of Flagler and Volusia will implement a program called Preschool Playland and deploy a donated RV to conduct community events.

**Key Partners:** Early Learning Coalition of Flagler and Volusia Counties

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.6.1.	By December 31, 2019, the Early Learning Coalition will implement Preschool Playland program.	No program	In 2019, outreach through the Preschool Playland program and use of a donated RV for community events.	Evidence of a program	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
Early Learning Coalition of Volusia and Flagler County will continue program in 2020							

### Progress in 2019

In 2019, the Early Learning Coalition implemented Preschool Playland program based on 2 focus areas: community events and field trips for preschools to model quality interactions for teachers and children.

This program was monitored by the Early Learning Coalition and Flagler Cares.

Strategy D.7 Ensure accessible and quality prenatal care services for women covered by Medicaid or are uninsured

Objective D.7.1 By December 31, 2019 the Department of Health-Flagler will continue prenatal care services to pregnant women who are covered by Medicaid or uninsured and increase visits by 10% over 2018.

**Key Partners:** DOH-Flagler, OB-GYN groups associated with Halifax Health, Advent Health Daytona Beach and Flagler Hospital St. Augustine, Healthy Start

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.7.1	By December 31, 2019, DOH-Flagler will continue to coordinate prenatal care services for pregnant women covered by Medicaid or uninsured and increase visits by 10% over 2018.	865 visits	In 2018, DOH-Flagler provided prenatal services to 232 patients for 865 visits and 7,704 services. In 2019, the patients served increased to 262 and 964 visits for 8,688 services. This was an increase of 11%, surpassing the target.	10% increase	12/31/19	▲	<i>Completed</i>
2020 Revisions							
	Objective will remain. Maternal and Child Health still a CHIP priority						
Rationale							
<p>Flagler County lacks a birthing hospital. DOH-Flagler employs a certified Nurse Midwife/ARNP and part time ARNP’s specializing in Women’s Healthcare. We coordinate the prenatal care services for pregnant mothers on Medicaid or uninsured. This is a vital service to promote health equity, manage social determinants of health, ensure the health and safety of the mother and reduction of infant mortality rates, especially African American and Hispanic population groups.</p>							

## **Progress in 2019**

In 2018, the Department of Health-Flagler provided 7,704 prenatal services to 232 patients. In 2019, 262 patients received 8,688 services for an increase of 11% over the previous year. This is significant because Flagler County is growing again in population and does not have a birthing hospital. DOH-Flagler through its Women's Healthcare team coordinates and provides prenatal care to pregnant mothers who are uninsured or covered by Medicaid. For delivery and post-partum services, we hand off care to the OB-GYN groups affiliated with the 3 birthing hospitals in the area, including Halifax Health, Advent Health Ormond Beach and Flagler Hospital.

This program is monitored by the Department of Health-Flagler and Healthy Start of Flagler and Volusia counties.

## Strategy D.8 Decrease the number of preventable injuries to children

Objective D.8.1. By December 31, 2019 decrease the number of preventable injuries to children related to car seat, biking and water safety.

**Key Partners:** Halifax Health Safe Kids program.

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
D.8.1.	By December 31, 2019, the Early Learning Coalition will implement Preschool Playland program.	No program	In 2019, outreach through the Preschool Playland program and use of a donated RV for community events.	Evidence of a program	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
Early Learning Coalition of Volusia and Flagler County will continue program in 2020							

### Progress in 2019

In 2019, the Early Learning Coalition implemented Preschool Playland program based on 2 focus areas: community events and field trips for preschools to model quality interactions for teachers and children.

This program was monitored by the Early Learning Coalition and Flagler Cares.

## **CHIP Priority Area #5: Family Violence**

Violence negatively impacts communities by reducing productivity, decreasing property values, and disrupting social services. The lasting trauma of witnessing or being a victim of violence can have life-long emotional, physical and social consequences.

**Domestic Violence:** Domestic Violence is any criminal offense resulting in physical injury or death of one family or household member by another family or household member, including assault, battery, sexual assault, sexual battery, stalking, kidnapping, or false imprisonment.

Domestic Violence impacts a large portion of our society. According to the CDC, every minute, about 20 people are physically abused by an intimate partner in the U.S. and more than 1 in 3 women will be victims of intimate partner violence in their lifetimes, as will more than 1 in 4 men. Females ages 18 to 24 and 25 to 34 generally experienced the highest rates of intimate partner violence, and abuse is more likely to occur in relationships outside of marriage. According to Florida CHARTS the Domestic Violence rate in Flagler is slightly higher than the state rate. Flagler County experienced a large spike in Domestic Violence reports in 2014.

**Child Abuse:** There are several types of child abuse including physical, sexual, and emotional abuse and most children who have reported abuse report multiple instances and types. Child abuse and neglect can have enduring physical, intellectual, and psychological repercussions into adolescence and adulthood. All types of child abuse and neglect have long lasting effects throughout life, damaging a child's sense of self, ability to have healthy relationships, and ability to function at home, work, school.

The Adverse Childhood Experiences (ACE) Study is the largest and most influential study of the relationship between childhood adversity and long term health. As researchers followed participants over time, they discovered that a person's adverse childhood experiences had a strong correlation to numerous health, social, and behavioral problems throughout their lifespan, including being associated with adulthood high-risk health behaviors such as smoking, alcohol and drug abuse, promiscuity, and severe obesity, and correlated with ill-health including depression, heart disease, cancer, diabetes stroke, chronic lung disease and shortened lifespan, with many of these problems tending to be co-occurring. With 8,703 child abuse related protective investigations reported by Community Partnership for Children in Volusia, Flagler and Putnam Counties in fiscal year 2015 and 1,127 children living in out of home care in 2016, both the immediate safety and the long-term well-being of this population must be considered.

## Local Data Summary

**Domestic Violence:** The Domestic Violence offense rate in Flagler County started above the Florida rate in 2010 and decreased steadily, dropping below the state rate through 2013 then, in 2014, increased almost to where it began while the Florida rate continued to trend downward.

**Child Abuse:** The Flagler rate for children ages 5 to 11 experiencing child abuse was essentially equal to the Florida rate in the three-year period of 2008-2010. Flagler's rate increased then decreased falling below the Florida rate in 2012-2014 ending lower than it began in the years reported. Over the same reporting period, the rate of Flagler children ages 5-11 who experienced sexual violence decreased steadily staying below the Florida rate from 2010-2012 through 2012-2014. The rate of Flagler infants in foster care started lower than the Florida rate. The Flagler rate increased and the Florida rate decreased to become the same in 2009-2011. Since that time period, both rates decreased with Flagler staying below the Florida rate. The rate of Flagler children ages 1 to 5 and 5 to 11 in foster care followed the same path by increasing over the first half of the reporting period and above the Florida rate then decreasing and ending below the Florida rate in 2012-2014. For Flagler children ages 12-17 in foster care the rate decreased over the years reported and remained well below the Florida rate throughout.

*Key Partners: Flagler County Sheriff's Office, Family Life Center, Community Partnership for Children, faith based organizations, SMA Healthcare, and a group of 20-25 who comprised 5 different sub-groups to address varying aspects of the community's domestic violence problem that has increased since 2016.*

Strategy E.1. Launch a community wide strategy to address domestic violence

Objective E.1.1. By December 31, 2019, the Flagler County Sheriff will hold a domestic violence Summit and then task force with sub-groups to review data, provide analysis and identify strategies to decrease the prevalence of domestic violence in our community.

**Key Partners:** Flagler County Sheriff, Family Life Center, Community Partnership for Children, faith based organizations, SMA Healthcare

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
E.1.1	By December 31, 2019, the Flagler County Sheriff and partners will hold a Domestic Violence Summit and then convene sub-groups to review the data, provide analysis and identify strategies to decrease the prevalence of DV in our community.	No program	In 2018-2019, the Summit occurred and task force met. 5 sub-groups were formed and each identified strategies, actions to decrease domestic violence in Flagler County. Several recommendations of the Task Force have been implemented	Implementation of work group recommendations in 2019-2021. Several have been acted upon such as hiring of a full-time detective for DV, and anger management, behavior modification classes, training while incarcerated	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
The Task Force met in 2019 to monitor, report on progress in the new programs that were implemented From the DV Summit and task force, sub-group recommendations.							

## **Progress in 2019**

In 2018-2019, several recommendations from the Domestic Violence Task Force were implemented including the creation of a domestic violence detective position, the creation of an InVEST (Intimate Violence Enhanced Service Team) program, the initiation of an ankle monitoring GPS system and introduction of anger management and behavior modification classes and training in jail.

This program was monitored by the Sheriff's Office and Flagler Cares.

Strategy E.2 Maximize awareness of the ‘Start by Believing’ campaign.

Objective E.2.1. By December 31, 2019, the Family Life Center will continue their public awareness campaign called ‘Start by Believing’ and increase participation of individuals and groups in the program by 10% over 2018.

**Key Partners:** Family Life Center

2019 Performance							
Objective Number	Objective	Baseline	Performance	Target Value	Target Date	Trend <sup>1</sup>	
E.2.1.	By December 31, 2019, the Family Life Center will increase participation in the ‘Start by Believing’ sexual assault awareness campaign by 10% over 2018.	15,500 folks reached in 2018	In 2019, the campaign included participation of 17,645 individuals and 12 local businesses	10%+	12/31/19	▲	<i>Completed</i>
2020 Revisions							
TBD						TBD	
Rationale							
This program will likely continue in 2020-2023.							

**Progress in 2019**

In 2019, the Family Life Center’s awareness campaign was implemented through presentations and events for 17,645 individuals, an increase greater than 10% over the previous year.

This program was monitored by the Family Life Center and Flagler Cares.

# New Objectives: Adult Behavioral Health

## ABH 1: Expand the capacity of Behavioral Health Services available to Flagler residents and reduce barriers to access

New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1. a.	Seek funding to develop a new Assisted Outpatient Treatment program in Flagler County	0	Grant funding	12/31/22
<b>New Objective Rationale</b>				
A need exists for such a program in Flagler and Volusia Counties.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1.	Seek funding to establish Medication Assisted Treatment services in Flagler County.	0	1	12/31/22
<b>New Objective Rationale</b>				
There exists no MAT service in Flagler County. The objective is to locate an MAT site location by SMA Healthcare somewhere in the county.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1. e.	Seek funding to establish Peer Counselors and telehealth in the Advent Health Palm Coast emergency room.	245	315	12/31/22
<b>New Objective Rationale</b>				
A need exists for such a program in Flagler County to establish a relationship between a substance abuser and trained peer counselor while under initial treatment and detox in the ED.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1. f.	Develop a community education campaign to increase awareness of and access to behavioral health services	N/A	Reach 5000 residents	12/31/21
<b>New Objective Rationale</b>				
Adult and Youth Behavioral Health have been health priorities in the State and County for the past decade if not longer. Both the CHIP community partners and citizens via the CHIP community survey concur that mental health, alcohol and substance abuse remain major health issues.				

New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1.g.1.	Reorganize, formalize and promote the Flagler-Volusia Behavioral Health Consortium to increase active participation.	30 per meeting	40 per meeting	12/31/21
<b>New Objective Rationale</b>				
The Consortium is comprised of Behavioral Health professionals, organizations providing such services throughout Volusia and Flagler counties. It is important that this group continues their collaboration and networking.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1.g.2.	Implement one special project on the Behavioral Health Consortium's Action Plan.	0	1 completed project	12/31/21
<b>New Objective Rationale</b>				
This objective was identified to encourage participation and engagement				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1.h.1.	Create a network of public and private behavioral health care providers participating in a referral and communication management system by the end of year two.	0	10 providers	12/31/21
<b>New Objective Rationale</b>				
Flagler Cares has been spearheading efforts to establish a data management and referral system among Behavioral health and other providers in the community. Demographics, insurance information and Progress reports from referrals obtained can be shared among providers in the future.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1.h.2.	Utilize technology to facilitate patient referrals to mental health and substance abuse services throughout year three	0	Minimum of 100 referrals	12/31/21
<b>New Objective Rationale</b>				
Flagler Cares has been spearheading efforts to establish a data management and referral system among Behavioral health and other providers in the community. Demographics, insurance information and Progress reports from referrals obtained can be shared among providers in the future.				

New Objective Number	New Objective	Baseline	Target Value	Target Date
ABH 1. i.	Enhance support available to vulnerable residents to apply for and obtain SSI/SSDI benefits (to include income and health coverage) through the establishment of a coordinated network of advocates.	0	1 coordinated network of advocates	12/31/21

**New Objective Rationale**

The SOARS program is new to Flagler Cares and Flagler, Volusia counties. A system of case managers, care coordinators to help the disadvantaged and homeless has been active in St. John’s County through the Flagler hospital’s Care Connect program. 2 SOAR/case manager processors have been hired by Flagler Cares for this purpose. Many individuals and families were helped in 2019.

# New Objectives: Youth Behavioral Health

YBH 1: Expand the capacity of behavioral health services available to Flagler youth and reduce barriers to access

New Objective Number	New Objective	Baseline	Target Value	Target Date
YBH 1.b.	Expand the utilization of the Crisis Response team by 20% by December 31. 2022.	33	41	12/31/22
<b>New Objective Rationale</b>				
This was an objective for last CHIP cycle and is being revised for CHIP 2020-2023,				
New Objective Number	New Objective	Baseline	Target Value	Target Date
YBH 1.b.1	Identify one psychiatric service gap for school aged youth In Flagler County.	N/A	Identify gap and plan	12/31/22
<b>New Objective Rationale</b>				
This objective is a revision to a prior CHIP objective. The revision is to identify 1 significant psychiatric Service gap among school aged children.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
YBH 1.b.2.	Provide new school based psychiatric outpatient services to at least 50 students per year by year 2.	0	50 students	12/31/22
<b>New Objective Rationale</b>				
Too many school aged children are Baker Acted in Flagler County. An outpatient, coordinated approach between the school system and SMA Healthcare mental health professionals is preferred.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
<b>New Objective Rationale</b>				

# New Objectives: Cardiovascular Disease and Diabetes

CDD 1: Increase services related to chronic cardiovascular disease and diabetes.

New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.a.1.	Provide diabetes education to increase awareness and prevent Type 1 and Type 2 diabetes, with a focus on Diabetes Awareness month in November, 2020.	N/A	1,000 residents	12/31/21
<b>New Objective Rationale</b>				
This was an objective for last CHIP cycle and is being revised for CHIP 2020-2023,				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.a.2.	Engage 100 at risk residents in Diabetes blood sugar and retinopathy screenings in partnership with DOH-Flagler and Advent Health Palm Coast Foundation	N/A	100 residents	12/31/21
<b>New Objective Rationale</b>				
Too many residents in our community are at high risk for Diabetes. DOH-Flagler and hospital foundation are both focused, collaborating and engaged in prevention, education and treatment services.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.b.1.	Provide financial support for provision of daily fresh fruit and whole grain snacks to 7 Boys and Girls Clubs.	0	# of youth at 7 B&G Clubs	12/31/21
<b>New Objective Rationale</b>				
Increasing healthy eating and promoting physical activity to our youth is an important objective towards improving cardiovascular health among our youth.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.b.2.	Provide mentorship and education about healthy eating and physical activity to 75% of youth participants at 7 Boys and Girls Clubs.	0	75% of youth at 7 B&G Clubs	12/31/21
<b>New Objective Rationale</b>				
Increasing healthy eating and promoting physical activity to our youth is an important objective towards improving cardiovascular health among our youth.				

New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.c.1.	Provide 2 Creation Life educational sessions by Advent Health Palm Coast, each with 50 participants who will demonstrate knowledge of material covered.	0	200	12/31/22
<b>New Objective Rationale</b>				
Creation Life is a health education and healthy lifestyle program developed by the Advent Health system.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 1.c.2.	75% of Creation Life session attendees who complete the program will demonstrate an improvement in knowledge and/or attitude after completing the 8 sessions.	N/A	150	12/31/22
<b>New Objective Rationale</b>				
Creation Life is a health education and healthy lifestyle program developed by the Advent Health system.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 2.a.1.	By June 30, 2021, DOH-Flagler will receive full recognition for their Diabetes Prevention Program by the CDC.	N/A	CDC full recognition	12/31/21
<b>New Objective Rationale</b>				
This is a revised objective from the prior CHIP.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
CDD 2.a.2.	By June 30, 2021, DOH-Flagler will receive full accreditation for their Diabetes Self-Management Education program by the American Association of Diabetes Educators.	0	Full accreditation by AADE	12/31/21
<b>New Objective Rationale</b>				
This is a revised objective from the prior CHIP and was updated to reflect progress at DOH-Flagler for diabetes services, education and classes dedicated to DSME and DPP.				

# New Objectives: Maternal and Child Health

MCS 1: Increase access to quality health and education services to pregnant mothers and children under age 5.

New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 1.a.1.	By December 31, 2022, DOH-Flagler will implement an afterhours immunization clinic for school aged children	N/A	Evidence of the clinic	12/31/22
<b>New Objective Rationale</b>				
After 2 failed attempts at establishing an HPV administration program within the school system, it was decided to develop an afterhours immunizations clinic for parents who consent to HPV and other vaccines.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 1.a.2.	By December 31, 2022, DOH-Flagler will obtain approval by the School Board to provide HPV vaccines for middle and high school students upon parental consent.	N/A	Evidence of the program	12/31/22
<b>New Objective Rationale</b>				
In the summer of 2019, DOH-Flagler appeared before the School Board twice to obtain approval and failed by a vote of 3-2. We will await new elections in November and try again in future with a new School Board that is not comprised of a majority who are anti-vaxers.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 1.b.1.	Early Learning programs will receive feedback and participate in professional development opportunities to increase the quality of teacher child language interactions.	0	100	6/31/22
<b>New Objective Rationale</b>				
Implement strategies to increase the quality of early learning environments to improve pre-reading skills and language interactions in early childhood.				

New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 1.b.2.	The quality of teacher/child language interactions will be assessed as mid to high in 75% of early learning programs that participants in PD and receive post assessment.	0	75%	6/31/22
<b>New Objective Rationale</b>				
Implement strategies to increase the quality of early learning environments to improve pre-reading skills and language interactions in early childhood.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 2.a.1.	Expand Women's Health Services in Flagler County through the addition of a part time OB-GYN and ARNP to provide colposcopy testing services	N/A	Evidence of services	12/31/21
<b>New Objective Rationale</b>				
Prior to COVID 19, we had hired Dr. Raji, an OB-GYN to provide colposcopy services and delivery of high risk pregnant women on Medicaid.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
MC5 2.a.2.	Expand Women's health services in Flagler County through a new partnership and back up by Flagler Hospital OB-GYN associates (Drs. Topi, Pulfus, etc...)	N/A	Evidence of association	12/31/21
<b>New Objective Rationale</b>				
This OB-GYN group is based out of St. Augustine with a satellite office in Palm Coast. The physicians expressed an interest in working with DOH-Flagler to deliver babies for higher risk patients and provide back up for colposcopy services.				

# New Objectives: Family Violence

FV 1: Increase the understanding of domestic violence and improve supports provided to victims

New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 1.a.1.	Expand the reach of Handle with Care	N/A	TBD	12/31/21
<b>New Objective Rationale</b>				
More should be accomplished in providing supports to youth who are exposed to family violence.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 1.a.2.	Explore a partnership/MOU with Family Life Center to provide trauma supports to students exposed to trauma associated with domestic violence.	N/A	# of students reached	12/31/21
<b>New Objective Rationale</b>				
More should be accomplished in providing supports to youth who are exposed to family violence.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 2.a.1.	Work with Flagler County Housing Affordable Housing Advisory Committee to develop policy change to include domestic violence victims as a protected class against housing discrimination and recommend change to BOCC.	N/A	Policy language developed	6/30/21
<b>New Objective Rationale</b>				
Increase the understanding of domestic violence and improve the supports provided to victims.				

New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 2.b.1.	Provide in person or virtual training to local clergy utilizing the Faith Trust Institute Pastoral Care for Domestic Violence curriculum	0	20 faith leaders	6/31/21
<b>New Objective Rationale</b>				
Increase competencies regarding the identification, reporting and supporting of domestic violence victims.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 2.c.1.	Provide new Flagler County Sheriff's deputies with Domestic Violence education training.	N/A	80% of new hires	12/31/21
<b>New Objective Rationale</b>				
Inclusion of law enforcement education and training for domestic violence cases.				
New Objective Number	New Objective	Baseline	Target Value	Target Date
FV 2.d.1.	Provide 1 hour Domestic Violence and Sexual Assault virtual or in person education sessions for Advent Health Palm Coast staff	N/A	50 staff members	12/31/21
<b>New Objective Rationale</b>				
Partnership with the Family Life Center to provide domestic violence and sexual assault training to Advent Health staff.				

# Accomplishments

Goal	Objective	Accomplishment
<p>Strategy C.3. Increase awareness of Diabetes awareness, prevention, education and interventional services</p>	<p>Objective C.3.1. By December 31, 2019, DOH-Flagler will implement a DSME and DPP services for eligible Flagler County residents in collaboration with the DiaBEATes Alliance and Advent Health Palm Coast hospital foundation.</p>	<p>In January, 2019, DOH-Flagler launched a Diabetes Self-Management Education and Diabetes Prevention Program services. 2 employees were hired to coordinate each program. DSME and DPP services. In 1 year, classes have been initiated for each, referrals obtained from physician offices and other sources and plans, deliverables for funding via State grants have been met. Funding has been secured. We are months away from DSME accreditation by the AADE and recognition of DPP by the CDC. All these activities are being monitored by the State DOH Diabetes Program office and a mentor who is guiding us through the accreditation process. Once accredited and recognized, we can begin billing Medicare, Medicaid and commercial insurance for these important diabetes services.</p>
<p align="center"><b>Why This Accomplishment is Important for Our Community</b></p>		
<p>Per data from our Community Health Assessment process and Florida Charts, Flagler County as a high prevalence of diabetes among adults in our community. It is 14%, and much higher than the State average. Diabetes places many of our senior citizens at high risk for cardiovascular, kidney and other conditions. Diabetes is a major threat to the health and safety of our residents.</p>		

Goal	Objective	Accomplishment
<p>Strategy E.1. Launch a community wide strategy to address domestic violence.</p>	<p>Objective E.1.1. By December 31, 2019, the Flagler County Sheriff will hold a domestic violence Summit and preside over a task force with sub groups to review data, provide analysis and identify strategies to decrease the prevalence of domestic violence in our community.</p>	<p>The Summit was held in 2018. In 2019, the task force broke into 5 sub-groups. Strategies and actions were implemented from the recommendations provided and agreed upon including the hiring of a full-time deputy Sheriff for DV, establishment of a prevention and anger management, behavior modification program for jail inmates incarcerated for domestic violence charges.</p>
<p align="center"><b>Why This Accomplishment is Important for Our Community</b></p>		
<p>Flagler County has a very high incidence of domestic violence. The physical, emotional and mental toll DV takes on families is heartbreaking. Domestic Violence, Adult Behavioral Health and Youth Behavioral Health represent 3 of 5 strategic priorities in our Community Health Improvement Plan All these areas are interrelated and a combination of mental health and substance abuse can lead to high prevalence of DV.</p>		

# Conclusion

The CHIP serves as a roadmap for a continuous health improvement process for the local public health system by providing a framework for the chosen strategic issue areas. It is not intended to be an exhaustive and static document. We will evaluate progress on an ongoing basis through quarterly CHIP implementation reports and quarterly discussion by community partners. We will conduct annual reviews and revisions based on input from partners and create CHIP annual reports by February of each year. The CHIP will continue to change and evolve over time as new information and insight emerge at the local, state and national levels.

By working together, we can have a significant impact on the community's health by improving where we live, work and play. These efforts will allow us to realize the vision of a healthier Flagler County.

The 2020-2023 CHIP process was impacted by the emergence of the COVID 19 virus in March, 2020. We experienced a delay in completing the objectives related to the CHIP strategic priorities due to the State's shelter in place mandate, difficulty in arranging for routine in person community partner meetings, Flagler Cares planning sessions and advent of virtual meetings. It is possible that additional meetings may not occur in a timely manner due COVID 19 surges that may occur in the fall months of 2020. As school in person instruction returns, along with cooler weather and folks congregating more indoors, we expect an increase in both the flu and COVID 19 like symptoms, cases and deaths. This may affect the ability of community partners to gather, discuss and revise CHIP related objectives as we routinely did. A virtual platform for this purpose is not as effective. We should be back to a normal situation in the summer of 2021 when we hope that a COVID 19 virus vaccine is available and distributed.

# Appendices

Agenda: Feb. 10, 2020 CHIP Community Partner Agenda to discuss Strategic Priorities



## Flagler Cares Coalition

February 10, 2020, 3:00 to 5:00 p.m.  
Flagler County Association of Realtors

### AGENDA: Special Community Forum on Substance Abuse & Mental Health

<b>Welcome</b>	Bob Snyder	3:00 to 3:05
<b>Panel Presentation:</b> <ul style="list-style-type: none"> <li>Substance Abuse and Mental Health Data Snapshot, Carrie Baird, Flagler Cares</li> <li>LSF Health Systems, Dr. Caufield, CEO and Shelley Katz, COO</li> <li>SMA Healthcare, Rhonda Harvey, COO</li> <li>Q&amp;A with the Panelist</li> </ul>	Panel	3:05 to 4:10
<b>Table Top Exercise and Discussion</b> <ul style="list-style-type: none"> <li>Identifying Access Barriers</li> <li>Identifying Potential Solutions</li> <li>Priorities</li> </ul>	Carrie Baird	4:10 to 4:40
<b>Group Report Out</b>	Carrie Baird	4:40 to 4:50
<b>Adjournment and Next Steps</b>	Carrie Baird	4:45 to 5:00

#### Upcoming Meetings:

**May 11, 2020, 3:00 to 4:30 p.m.**

Flagler County Association of Realtors, 4101 E. Moody Blvd, Bunnell, FL 32110

**August 10, 2020, 3:00 to 4:30 p.m.**

Flagler County Association of Realtors, 4101 E. Moody Blvd, Bunnell, FL 32110

**November 9, 2020, 3:00 to 4:30 p.m.**

Flagler County Association of Realtors, 4101 E. Moody Blvd, Bunnell, FL 32110



Florida Department of Health in <CountyName> County  
 Annual CHIP Review Meeting  
 Meeting Location Room <#000>  
 <Insert Date>, 0:00 – 0:00 a.m./p.m.

**November 21 2019 CHIP Community Partner Meeting to discuss Strategic Priorities**

**Intergovernmental Health & Wellness Roundtable**

November 21, 2019, 6:00 p.m.  
 Flagler County Emergency Operations Center, Building 3  
 1769 Moody Boulevard, Bunnell, FL

**Meeting Agenda**

<b>Welcome and Introductions</b>	Colleen Conklin, Flagler School Board  Donald O'Brien, Flagler County Board of County Commissioners	6:00 to 6:10
<b>2019 Community Health Needs Assessment and Priority Health Issues</b>	Carrie Baird, Flagler Cares	6:10 to 6:20
<b>Highlights of Governmental Activities since 2016 Community Health Needs Assessment</b>	Group input facilitated by Carrie Baird	6:20 to 6:35
<b>Identify Community Health Metrics: <i>Development of a Flagler County Health &amp; Wellness Dashboard or Report Card</i></b>	Group discussion facilitated by Carrie Baird	6:35 to 6:50
<b>Future Strategies and Collaboration: <i>What Flagler County strategies and governmental collaboration can improve the health of Flagler County?</i></b>	Group discussion facilitated by Carrie Baird	6:50 to 6:15
<b>Next Steps</b>	Carrie Baird, Flagler Cares	6:15 to 6:30
<b>Closing and Adjournment</b>	Colleen Conklin, Flagler School Board  Donald O'Brien, Flagler County Board of County Commissioners	6:30



SIGN-IN SHEET

**Flagler Cares Coalition Meeting**  
February 10, 2020, 3:00 to 5:00 p.m.

Please confirm your information and edit/add information as necessary.

Present	First Name	Last Name	Organization	Email
	Heidi	Azari	AdventHealth Palm Coast	heid.azari@adventhealth.com
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	Victoria	Brown-Saulek	Volusia/Flagler County Coalition for the Homeless	vsaulek@vchc.org
	Stella	Bryskin	River Point Behavioral (Universal Health Services of Orlando, Inc.)	stella.bryskin@uhinc.com
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MARY CAROL SI INFECTIOUS DISEASE RESEARCHER

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Donna Easterling DJJ

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Suggested Strategies for Flagler CHIP, 12.5.19 Draft

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
SMA HEALTHCARE	Juvenile Assessment Center for 7th Judicial Circuit	A needs assessment center for youth arrested in the 7th Judicial Circuit.	Arrested youth in the 7th Judicial Circuit	SMA, DJJ, Sheriff's Departments of Volusia, Flagler, Putnam Counties		X			
SMA HEALTHCARE	Mobile/Crisis Response Team	On-demand crisis intervention system of care for youth and young adults	Youth and young adults age 25 and younger	SMA, Volusia County Schools, Flagler County Schools, Halifax Health, and Law Enforcement personnel in Volusia and Flagler Counties.	X	X			
SMA HEALTHCARE	Assisted Outpatient Treatment	Court ordered and enforcement of compliance with Baker Act Outpatient services	Individuals with a Serious Mental Illness that would otherwise be in a crisis unit, emergency rooms, or the state hospital	Court system, Law Enforcement, SMA.	X				
SMA HEALTHCARE	Family Intensive Therapy	In-home comprehensive, intensive therapy and case management services for families with substance use disorder. Includes incidental resources to provide that which is needed to support the child welfare case plan.	Individual and families with substance disorders who are involved in the child welfare system.	SMA, DCF, LSF	X				X
SMA HEALTHCARE	Mental Health First Aid	Training to help residents identify and intervene with those at risk for consequential and serious mental health problems. Often thought of as "First Aid for Mental Health Problems."	Individuals with consequential and serious mental health problems	SMA, community at large	X	X			

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
SMA HEALTHCARE	Zero Suicide	SAMHSA grant to provide care coordination and QPR training	Care coordination for adults exiting CSU's, local jails, and VA services, and QPR training for those that work with that population.	SMA, local jail administration, Halifax Health, and the Veterans Administration.	X				
SMA HEALTHCARE	MEDICATION ASSISTED TREATMENT	Medication Assisted Treatment is designed to aid substance abuse recovery by providing a combination of medication and therapy. Patients are monitored through regular visits with a treatment team that includes a medical doctor, nursing staff, and therapists. Buprenorphine is the primary medication, with some use of vivitrol; efforts are underway to bring methadone into the formulary. Current MAT services are provided to Flagler residents through the Volusia County clinic, with transportation assistance provided if warranted. Plans are underway to bring an on-site service to Flagler County. LSF has provided expansion funding to enhance MAT services to the Flagler population, including in-home SA therapy for opioid addicted individuals that are involved with the child welfare system.	Opioid addicted individuals	LSF, SMA, Department of Health Flagler, Community at large	X				

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
SMA HEALTHCARE	ER INTERVENTION PROJECT	SMA will hire a peer to work with the Advent Health Palm Coast emergency room to facilitate a 'warm handoff' between an individual that presents to the ER in a state of opioid crisis, including those individuals that have been administered NARCAN, and the treatment center. Expected implementation January 2020.	Individuals experiencing an opioid overdose that result in an ER visit.	SMA, Law Enforcement, AdventHealth Palm Coast	X				
AdventHealth Palm Coast	Diabetes awareness, education and outreach	Build awareness, provide counseling, nutrition education and testing for Diabetes	Adults in the community	AdventHealth Palm Coast Foundation, AdventHealth Foundation, community leaders			X		
AdventHealth Palm Coast	Youth Psychiatric Services	Increase psychiatric capacity for youth	At-risk student population	Flagler Schools		X			
AdventHealth Palm Coast	School Based Exercise/Walking Program	Exercise program to take place before or after school	Elementary school age children	Flagler Schools		X	X		
AdventHealth Palm Coast	Community Care	Community Care, a community-based care coordination program for high risk patients in an effort to provide better and more coordinate care to help improve their health outcomes.	Underserved patients in the community with a history of preventable ED visits and inpatient admissions	AdventHealth Emergency Departments, Case Workers at the AdventHealth facilities			X		
AdventHealth Palm Coast	Prenatal/OB education	Free prenatal/OB education	Underserved women	Flagler County Free Clinic, Department of Health-Flagler				X	
AdventHealth Palm Coast	Free Clinic Support	Provide financial support and/or no cost diagnostics and labs to Free Clinic patients	Uninsured, working poor	Flagler County Free Clinic			X		

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
Halifax Health	Bereavement Services	Collaboration with Flagler organizations to provide bereavement services for children and adults impacted by traumatic death (including those related to domestic violence)	Flagler adults and youth impacted by traumatic death	Flagler Schools, Flagler County Sheriff's Office, Bunnell Police Department, State Attorney's Office and Family Life Center	X				X
Halifax Health	Pediatric Services	Provide pediatric services to Flagler families	Flagler youth				X		
ELCFV	Grade Level Reading Initiative - School Readiness	This initiative will increase the quality of early learning by coaching early learning teachers to improve the language interactions they have with children.	Children Birth to 5 years old	ELCFV, Child Care Providers				X	
ELCFV	Grade Level Reading - School Attendance	Health related problems are a leading cause of absenteeism. This program will make health screening services more accessible so that problems can be addressed early in a child's life.	One to 5 year olds ELCFV						
VFCCH	SOAR Collaborative	Increase access to SOAR Processors	chronically homeless/homeless with a disability (mental health or physical disability)	Flagler cares, SMA and Community Legal services of Mid Florida, VFCCH	X				

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
Department of Health Flagler	Diabetes Self-Management Education Program (DSME)	FL DOH-Flagler County is establishing an accredited Diabetes Self-Management Education Program (DSME) with Medical Nutritional Therapy (MNT) and CDC approved Diabetes Prevention Program (DPP) to improve the health of Americans through Prevention and Management of Diabetes Education. This program plans to obtain DSME accreditation through the American Association of Diabetes Educators (AADE) by June 30, 2020.					X		
Flagler Schools	Expansion of Handle with Care	Expansion of Handle with Care strategy that identifies youth who may have been exposed to a traumatic experience.		Flagler Schools, first responders, law enforcement, Early Learning Coalition of Flagler and Volusia Counties				X	X
Thrive by five	Healthy Baby Curriculum	Expand the reach of the Healthy Baby Curriculum through Flagler County science classes	High school students	Flagler Schools, Healthy Start of Flagler/Volusia, One Voice for Volusia				X	
Flagler Cares	Mental Health Awareness	Implement a community awareness campaign to encourage individuals to seek out mental health supports and services and increase knowledge of existing resources. Create a "leave behind" for first responders.	All citizens	City of Palm Coast, SMA Behavioral					
Flagler Cares/One Voice for Volusia	Substance Abuse and Mental Health Collaborative Structure	Examine the current multi-agency collaborative efforts in place and develop a recommendation to reduce duplication and promote action	Behavioral health stakeholders	Volusia/Flagler Behavioral Health Consortium, Department of Health in Volusia County	X				

Company or Collaborative	Title	Brief Description	Target Population	Who are the Collaborators?	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
					Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
Flagler Cares	Multi-agency communication and referral management system (data system)	Launch a coordinated communication and referral management system in Flagler and Volusia Counties that utilizes a software platform to facilitate connections between customers and service providers.	Health organizations, behavioral health organizations, public school systems		X				

**Other Suggested Strategies without Identified Champions**

Title	Brief Description	Target Population	Which Priority Health Issue(s) does this strategy address? (check all that apply)				
			Adult Behavioral Health	Youth Behavioral Health	Cardiovascular Disease & Diabetes	Mothers & Children Under Age 5	Family Violence
Mental Health Drop In Center	Location where individuals with mental health concerns can go for peer support and programming.	Adults with mental health concerns	X				
Rapid Response Crisis Intervention Team				X			
Medical Home/Primary Care Physician	Increase access to medical homes/primary care services for uninsured and underinsured.				X		
Expanded prenatal and maternity care	Expanded prenatal and maternity care capacity in the county					X	

#### **Other Strategies Related to Health Priorities**

Immunizations for School Aged Children. DOH-Flagler has increased its school based immunization clinics and reassumed responsibility for flu vaccine administration. In 2019, 1,504 vaccines were administered to children and teachers within the school system during the month of November, 2019. This was a 200 person increase over the previous year. The goal for 2020 is to increase flu vaccine administration by 10% over 2019.

Dental Sealants for children. DOH-Flagler initiated a school based dental sealant program in 2016. This program is coordinated by a dental hygienist and operates at 4 elementary schools. So far, 2,282 children have benefited from an oral exam, dental sealant placement on molars and fluoride treatment. The goal in 2020 is to add a 5<sup>th</sup> school, Belle Terre Elementary to the program.

Expand Women's Health Services for Colposcopy testing. DOH-Flagler has added a part time OB-GYN and ARNP to its team. The goal in 2020 is to initiate colposcopy services at the Health Department in order to detect and diagnose cancer

Sexually Transmitted Disease service enhancement. DOH-Flagler does provide STD test and treatment services for Flagler County residents and has done so for years. In 2020, the goal is to increase disease investigative services. Our strategy is to train and deploy a Disease Investigation Specialist to provide increased outreach, identification of high risk clients, and media campaign to encourage testing, surveillance and treatment for STD. Previously, the DOH-Volusia provided DIS services for Flagler County and now our Health Department will.

HIV services. DOH-Flagler began HIV services to the Flagler County community 3 years ago; previously, such services were provided by DOH-Volusia. We noticed that compliance with treatment was negatively impacted due to transportation and access to service issues for Flagler patients, so funding was sought in 2016 to begin HIV outreach, testing and treatment locally. In 2020, our goal and strategies will be focused on linkage to care at no cost to patients through the Ryan White program, Drug assistance program for medication, HOPWA-housing assistance and case management for referrals to community resources and social services. Currently, 150+ patients with HIV are under the care of DOH-Flagler providers.

Hepatitis C services In 2019, DOH-Flagler received a two year grant for Hepatitis C treatment. As a result of our partnership with Flagler Cares and United Way of Flagler and Volusia counties, chronic Hepatitis C screening and treatment services have begun. The first year strategy was to develop a community education campaign to increase awareness of Hepatitis C to encourage testing and treatment. In 2019, the goal was to screen 100 individuals; our team screened 106, so the screening goals was met. 8 individuals experienced positive screenings and are now in treatment. In 2020, strategies will include additional outreach activities targeting referral sources such as DOH-Volusia, local hospital, Free Clinic and Azalea Health. The goal is to screen another 100 individuals and arrange for 35 additional patients to be in treatment.

Hepatitis A Dr. Scott Rivkees, Florida's Surgeon General identified Hepatitis A as a public health emergency due to a significant increase in cases statewide. In 2018, DOH-Flagler administered 27 doses of Hep A adult vaccines; in 2019, that number increased to 768 doses. In 2020, the strategy is to continue these efforts and provide outreach to reach more clients among the 3 high risk groups for Hepatitis A, including inmates in the county jail, the homeless and individuals in drug treatment centers.