

# Manatee County Community Health Assessment 2015

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WELLNESS COMMITTEE

MANATEE HEALTH CARE ALLIANCE

7/30/15



# Overview

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Background

4 Subcommittee Findings

- Community Health Status Assessment
- Forces of Change
- Community Themes and Strengths
- Local Public Health Status Assessment

Review of the 2013 CHA Priorities

Summary Findings

# Background

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# MAPP stands for:

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- **Mobilizing** – community engagement
- **Action** – implementation of a Health Improvement Plan
- **Planning** – built on strategic planning concepts
- **Partnerships** – the public's health is more than the concern of the health department



# MAPP is:

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**A community-wide strategic planning process** for improving public health.

**A method to help communities prioritize** public health issues, identify resources for addressing them, and take action.



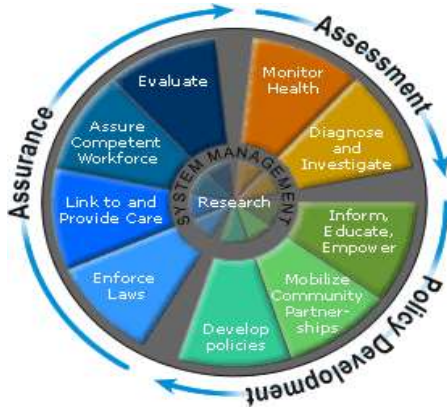
# MAPP Overview



**Current  
State: Steps  
1-3  
Completed**



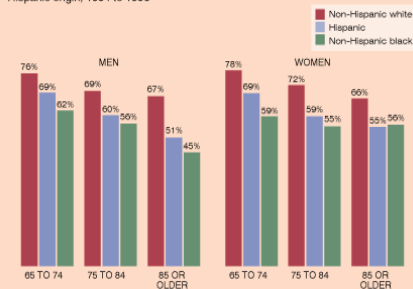
# 3. Four Assessments: Data



- Forces of Change Subcommittee
  - Eight 2-hr meetings to review data
- Local Public Health System
  - One meeting using a rating tool
- Community Themes & Strengths
  - Focus group data and community meetings
- Community Health Status
  - Survey and secondary data



Percentage of persons age 65 or older who reported having good to excellent health, by age group, sex, and race and Hispanic origin, 1994 to 1996



Note: Data are based on a three-year average from 1994 to 1996. Hispanics may be of any race.  
Reference population: These data refer to the civilian noninstitutional population.  
Source: National Health Interview Survey.

# Identify Strategic Issues, Formulate Goals & Strategies



**Our next step:**  
Identify issues and goals



# Community Health Status Assessment

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# Assessment #1: Community Health Status

- Answers the question: *“How Healthy is the Manatee County Community?”*
- Reviews two types of data:

1. Quantitative Health Data (Secondary Data)

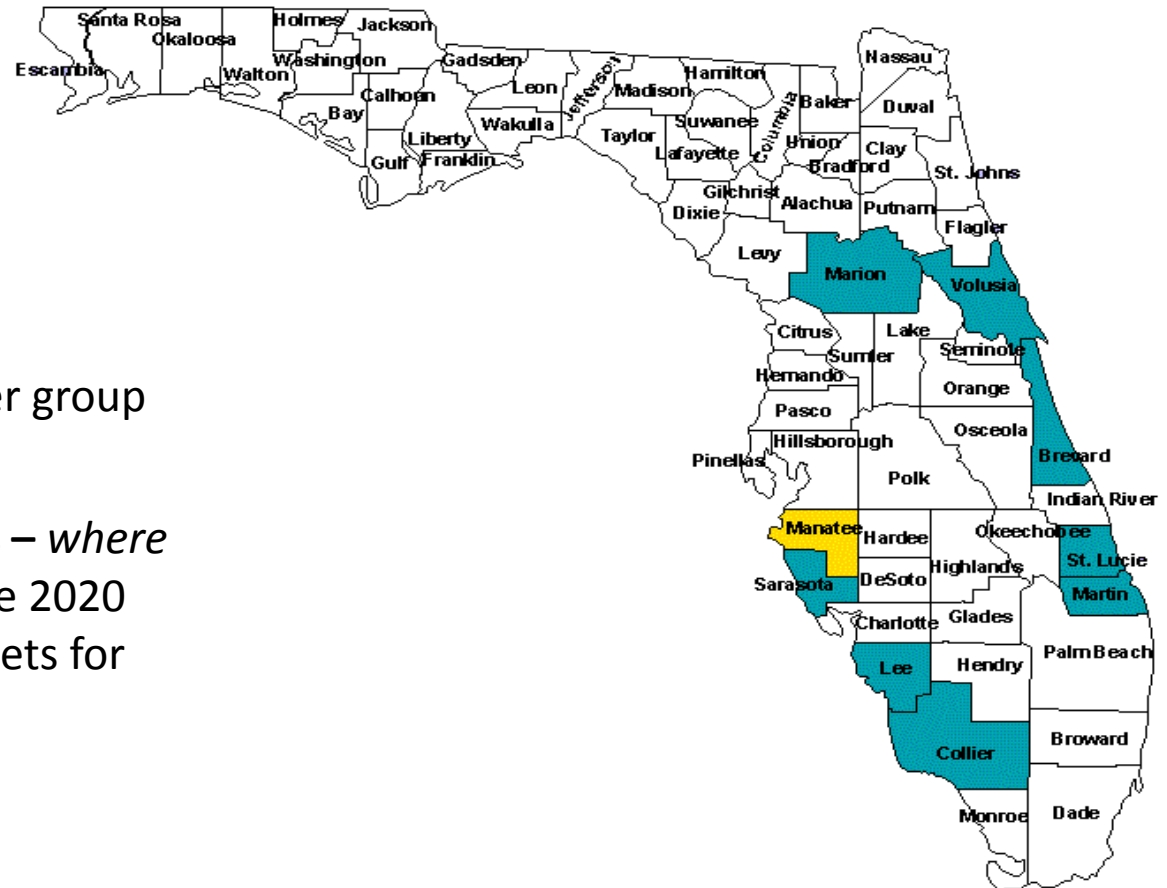
- Major causes of death
- Communicable diseases
- Maternal & child health
- Mental health & substance use
- Healthiest weight: nutrition, exercise & obesity
- Environmental health
- Social & economic factors
- Access to care

2. Manatee County Community Health Survey (Primary Data)

- Method & respondent characteristics
- Results
  - Health, health care & quality of life in the Manatee County Community
  - Priority areas for community health improvement

# Health Status in Manatee County Is Compared to:

1. **Florida average**
2. **Peer County average** – Peer group of 8 Florida counties
3. **Healthy People 2020 goals** – *where applicable* – Healthy People 2020 identifies high-priority targets for national health.

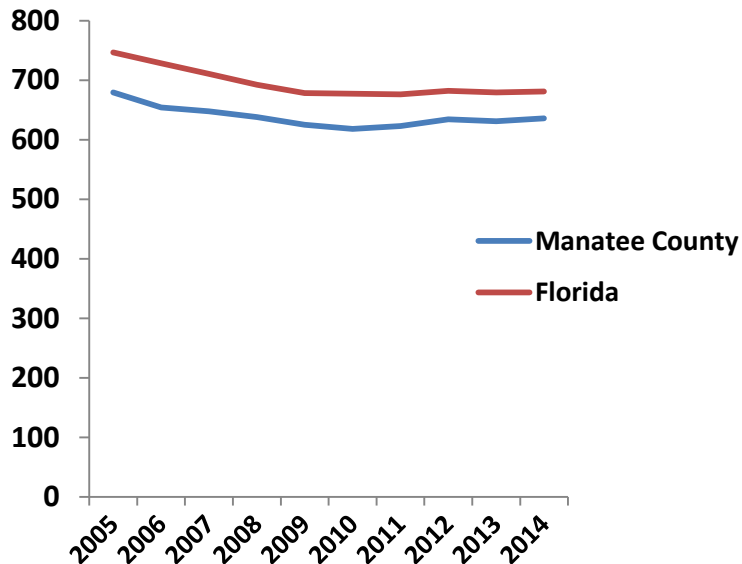


# All-Cause Death Rates

(age-adjusted, 3-yr. rolling rate per 100,000)

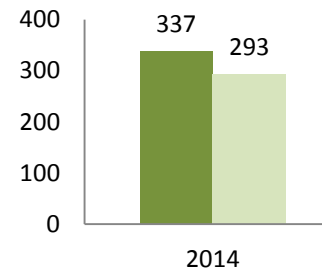
## ☐ Favorable Overall Death Rate:

Manatee County's death rate ranks in the 1<sup>st</sup> (most favorable) quartile among Florida's 67 counties: 7% lower than the Florida average & 4% lower than the Peer County average.

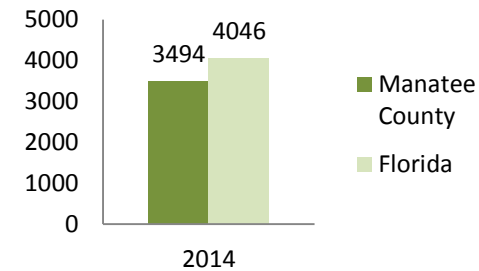


## ☐ Age Disparity:

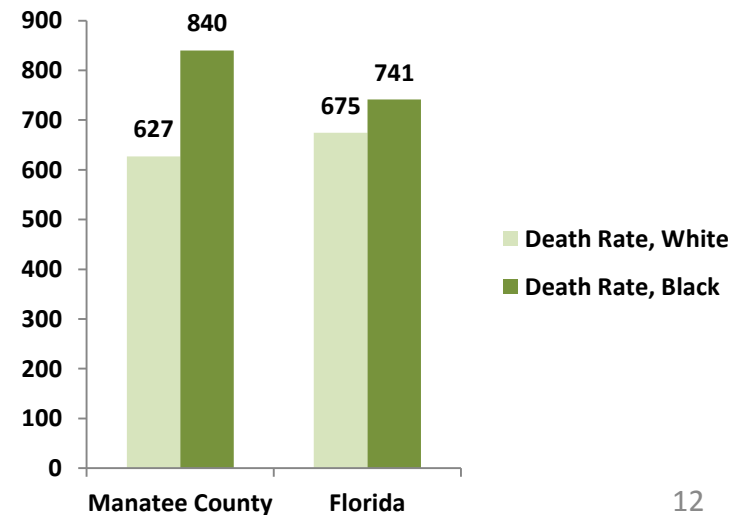
All-Cause Death Rate  
0-65 Years



All-Cause Death Rate  
66+ Years



## ☐ Race Disparity:



# Major Causes of Death

(age-adjusted, 3-yr. rolling rates per 100,000)

## Lower death rates in Manatee County:

- Cancer:  
Manatee (147 per 100,000) vs. Florida (160)
- Chronic Lower Respiratory Diseases:  
Manatee (34 per 100,000) vs. Florida (40)
- Diabetes:  
Manatee (12 per 100,000) vs. Florida (20)
- Alzheimer's:  
Manatee (9 per 100,000) vs. Florida (16)
- Parkinson's:  
Manatee (5 per 100,000) vs. Florida (7)
- Pneumonia/Influenza:  
Manatee (5 per 100,000) vs. Florida (9)
- AIDS/HIV:  
Manatee (3 per 100,000) vs. Florida (5)

## Higher death rates in Manatee County:

- Unintentional Injuries:  
Manatee (44 per 100,000) vs. Florida (40)
- Suicide:  
Manatee (16 per 100,000) vs. Florida (14)
- Kidney Disease:  
Manatee (14 per 100,000) vs. Florida (11)
- Homicide:  
Manatee (7 per 100,000) vs. Florida (6)

# Major Causes of Death: Differences by Race

Death rates per 100,000 (age-adjusted, 3-yr. rolling)				
	Manatee County		Florida	
	White	Black	White	Black
Heart Disease	151	230	152	170
Cancer	147	158	161	162
Motor Vehicle Deaths	11	24	13	12
Stroke	30	59	29	47
Kidney Disease	12	45	10	22
Diabetes	12	30	17	40
Homicide	5	28	4	17
HIV/AIDS	2	17	2	20

This table shows death rates for selected causes suggesting differences between:

- White vs. Black Manatee County Residents (shown with **red** type)
- Black residents in Manatee County vs. Florida as a whole (shown with **red shading**).

\*Hispanic population has lower overall death rates than non-Hispanic.

# Trends in Major Causes of Death in Manatee County

(2005-2014: age-adjusted, 3-yr. rolling rates per 100,000)

## Decreasing rates of death from:

Heart Diseases:

Down 22% (2005 to 2014)

Cancers:

Down 12% (2005 to 2014)

Motor Vehicle Crashes:

Down 45% (2005 to 2014)

HIV/AIDS:

Down 53% (2005 to 2014)

(For the above 4 causes of death, statewide rates also show decreases in same time period.)

## Increasing rates of death from:

Unintentional Poisoning:

Up 23% (2005 to 2014)

Suicide:

Up 37% (2005 to 2014)

Kidney Disease:

Up 67% (2005 to 2014)

Homicide:

Up 35% (2005 to 2014)

(For the above 4 causes of death, statewide rates show more stable trends.)

## Communicable Diseases

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**Compared to Florida averages, Manatee County has higher incidence\* (new cases) of:**

- Pertussis
- Gonorrhea
- Acute Hepatitis B
- Meningococcal Disease

*(\*3-year rolling rates, 2012-2014)*

**From 2010 to 2014 Manatee County has seen increased incidence\* (new cases) of:**

Chlamydia

Gonorrhea

HIV

Pertussis

*(\*single-year rates)*



# Maternal & Child Health Profile

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## **Manatee County in 1<sup>st</sup> (most favorable) quartile among Florida counties :**

Females > 17 w/ PAP smear in past year

Females > 17 with a personal doctor

Mothers who initiate breastfeeding

Children in voluntary pre-K programs

Hospitalization (ages 1-5 yrs) for nonfatal unintentional injuries

## **Manatee County in 2<sup>nd</sup> quartile (better than Florida average):**

Mothers smoking during pregnancy

Low birth weight & preterm births

Child passengers (ages < 1 and 1-5 yrs) injured or killed in motor vehicle crashes

Asthma hospitalizations ages 1-5 yrs

Kindergarten children fully immunized

# Maternal & Child Health Profile

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## **Manatee County in 3<sup>rd</sup> quartile (worse than Florida average):**

- Births to mothers 15-19 years
- Fetal, neonatal & infant deaths
- Sudden unexpected infant death
- Infants/children (1-5 yrs) in foster care
- Unintentional injury deaths ages 1-5

## **Manatee County in 4<sup>th</sup> (least favorable) quartile among Florida counties:**

- Births w/ 1<sup>st</sup> trimester prenatal care
- Births w/ late or no prenatal care
- Births to uninsured women
- Repeat births to mothers 15-19 years
- Births w/ inter-pregnancy interval less than 18 months

# Mental Health & Substance Use

## Mental Health

- Manatee County adults self-report **better mental health** vs. state average.
- Somewhat **poorer mental health** was reported among middle-aged adults, women, and those in the lowest income category.

Adults who self-report “good” or better mental health	Manatee County	Florida
<b>ALL</b>	<b>89%</b>	87%
<b>AGE</b>		
18 to 44 years	90%	87%
45 to 64 years	<b>84%</b>	84%
65 years and older	94%	92%
<b>SEX</b>		
Male	92%	89%
Female	<b>87%</b>	86%
<b>RACE &amp; ETHNICITY</b>		
Non-Hispanic White	89%	88%
Non-Hispanic Black	NA	85%
Hispanic	90%	87%
<b>ANNUAL INCOME</b>		
Under \$25,000	<b>86%</b>	80%
\$25,000 to \$49,999	93%	87%
\$50,000 or more	92%	93%

Source: 2013 BRFSS Survey; “NA” indicates insufficient data due to small sample size.

# Mental Health & Substance Use

## Tobacco Use

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- **Adult smoking**

- Manatee County: **19%** in 2013 (vs. 15% in 2007).
- Florida: 17% in 2013 (vs. 19% in 2007).
- In Manatee County smoking is more common among:
  - men
  - adults aged 18 to 64 years
  - those w/ incomes < \$25,000

- **Youth (ages 11-17) cigarette smoking (past 30 days)**

- Manatee County: **3%** in 2014 (vs. 7% in 2012).
- Florida: 4% in 2014 (vs. 6% in 2012).

- **Youth (ages 11-17) electronic cigarette use (past 30 days)**

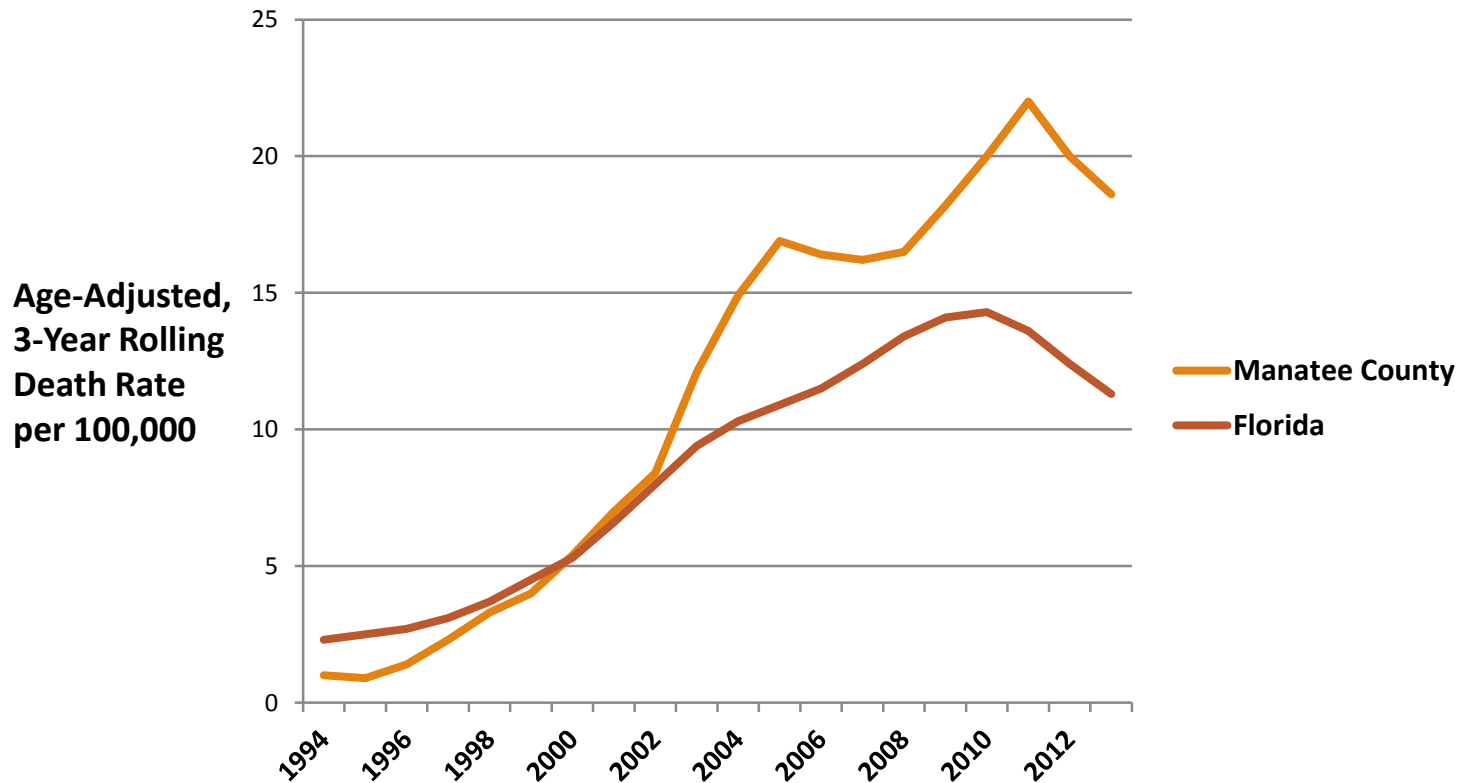
- Manatee County: **11%** in 2014.
- Florida: 7% in 2014.

# Mental Health & Substance Use

## Unintentional Poisoning Deaths (including drug overdoses)

*Manatee County shows:*

Downward short-term trend; Upward long-term trend; Above state average



(source: Florida CHARTS)

# Healthiest Weight: Nutrition, Exercise & Obesity

**Manatee County scores in 1<sup>st</sup> or 2<sup>nd</sup> quartile (better than FL average) on:**

## **Obesity**

- Adults who are obese
- Middle & high school students who are obese
- Adults at a healthy weight

## **Exercise (Adults)**

- Adults who are sedentary
- Adults who meet muscle strengthening/aerobic recommendations
- Workers who walk/ride a bicycle to work

## **Nutrition:**

- Adults who consume 5+ servings of fruit/vegetables per day
- Mothers who initiate breastfeeding

**Manatee County scores in 3<sup>rd</sup> or 4<sup>th</sup> quartile (worse than FL average) on:**

## **Overweight**

- Adults who are overweight
- Middle & high school students who are overweight

## **Overweight/Obesity During Pregnancy**

- Mothers who are obese at time of pregnancy
- Mothers overweight at time of pregnancy

## **Exercise (Children)**

- Middle & high school students not physically active on all of past 7 days

# Environmental Health

## **FAVORABLE ENVIRONMENTAL HEALTH INDICATORS IN MANATEE COUNTY:**

### **BUILT ENVIRONMENT & EXERCISE**

Access to Exercise Opportunities  
Population living within 500 feet of a  
busy roadway

### **NUTRITION**

Population living within ½ mile of a  
healthy food source  
Food Insecurity  
Food Environment

### **AIR QUALITY**

Air pollution (particulate matter)  
Youth living in a home where smoking  
is allowed

## **UNFAVORABLE ENVIRONMENTAL HEALTH INDICATORS IN MANATEE COUNTY:**

### **BUILT ENVIRONMENT & EXERCISE**

Population living within ½ mile of an  
off-road trail system

### **SAFETY**

Pedestrian deaths on public roads

# Social & Economic Factors

## 2015 County Health Rankings

**Manatee County ranks in 3<sup>rd</sup> quartile on “Social & Economic Factors” (34<sup>th</sup> among Florida’s 67 counties)**

	Manatee County	Florida
<b>Social &amp; Economic Factors</b>		
High school graduation	76%	76%
Some college	54%	60%
Unemployment	7%	7%
Children in poverty	28%	25%
Children in single-parent households	37%	38%
Violent crime	573	467
Injury deaths	77	69

## 2014 ALICE REPORT

**43% of households In Manatee County households are struggling:**

- 13% are below the poverty level; another 30% are ALICE.
- ALICE (“Asset Limited, Income Constrained, Employed”) are households that earn more than the U.S. poverty level, but less than the basic cost of living for the county.



# Access to Care: Health Insurance Coverage

## Favorable in Manatee County:

- Overall Health Insurance Coverage:  
82% in Manatee (vs. 80% in Florida)
- Coverage Ages 0-18:  
89% in Manatee (vs. 89% in Florida)

## Unfavorable in Manatee County

- Health Insurance Coverage Ages 19 to 25 years:  
59% in Manatee (vs. 65% in Florida)
- Black Residents:  
73% in Manatee (vs. 76% in Florida)
- Hispanic Residents:  
62% in Manatee (vs. 69% in Florida)
- Coverage More Likely at Higher Levels of Income & Education  
(in line with statewide patterns)

# Access to Care: Health Care Professionals & Beds

## Rising Number of Physicians & Dentists in Manatee County (2009 to 2014):

- 27% more licensed physicians.\*
- 93% more family practice physicians.\*
- 27% more dentists.\*

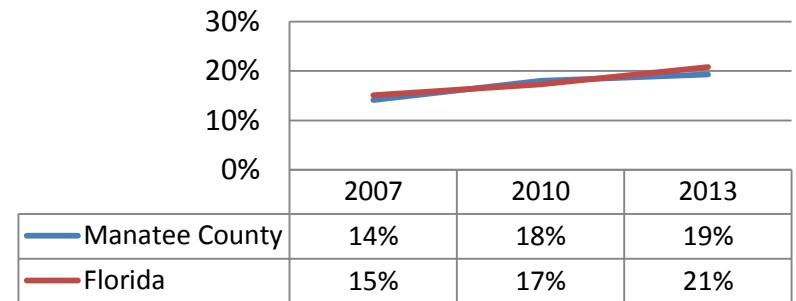
## Relatively Few Physicians /Hospital Beds in Manatee County

- 17% fewer licensed physicians\* vs. Florida
- 33% fewer pediatricians\* vs. Florida
- 29% fewer mental health providers\* vs. FL
- 15% fewer hospital beds\* vs. Florida

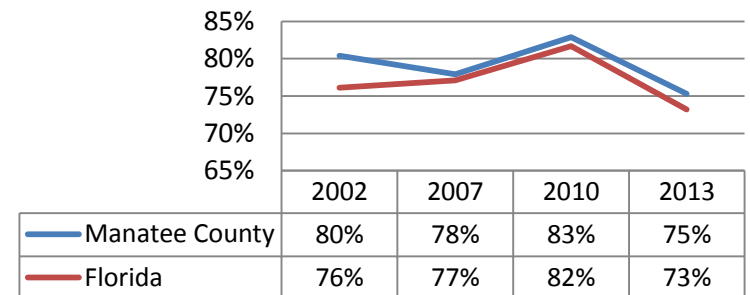
\*Based on rates per 100,000 residents

Sources: Florida CHARTS 2014; \*2015 County Health Rankings; BRFSS Surveys.

## Rising % adults who could not see doctor (1x or more past yr) due to cost



## Falling % adults with a personal doctor



# Assessment #1: Community Health Status

- Answers the question: *“How Healthy is the Manatee County Community?”*
- Reviews two types of data:
  1. Quantitative Health Data (Secondary Data)
    - Major causes of death
    - Communicable diseases
    - Maternal & child health
    - Mental health & substance use
    - Healthiest weight: nutrition, exercise & obesity
    - Environmental health
    - Social & economic factors
    - Access to care
  2. Manatee County Community Health Survey (Primary Data)
    - Method & respondent characteristics
    - Results
      - Health, health care & quality of life in the Manatee County Community
      - Priority areas for community health improvement

# Manatee County Community Health Survey

## Purpose

- Get input on community health status and priority areas for improvement from community members, including members of underserved communities.

## Timeline

- January-April 2015 – survey developed
- April-July 2015 – survey open

## Form and Content

- Online & paper versions; English & Spanish versions
- Brief (time to complete:  $\pm 5$  min.)
- 7 questions on health care, quality of life; 10 socio-demographic questions

## Marketing

- To members of the Manatee County community (18+ years of age)
- Outreach via network of community partners (very low cost):
  - Shared digital survey link (email blasts, webpages, social media);
  - Passed out paper surveys at community centers, community meetings, door-to-door in underserved areas.

# Manatee County Community Health Survey

## Respondents Characteristics

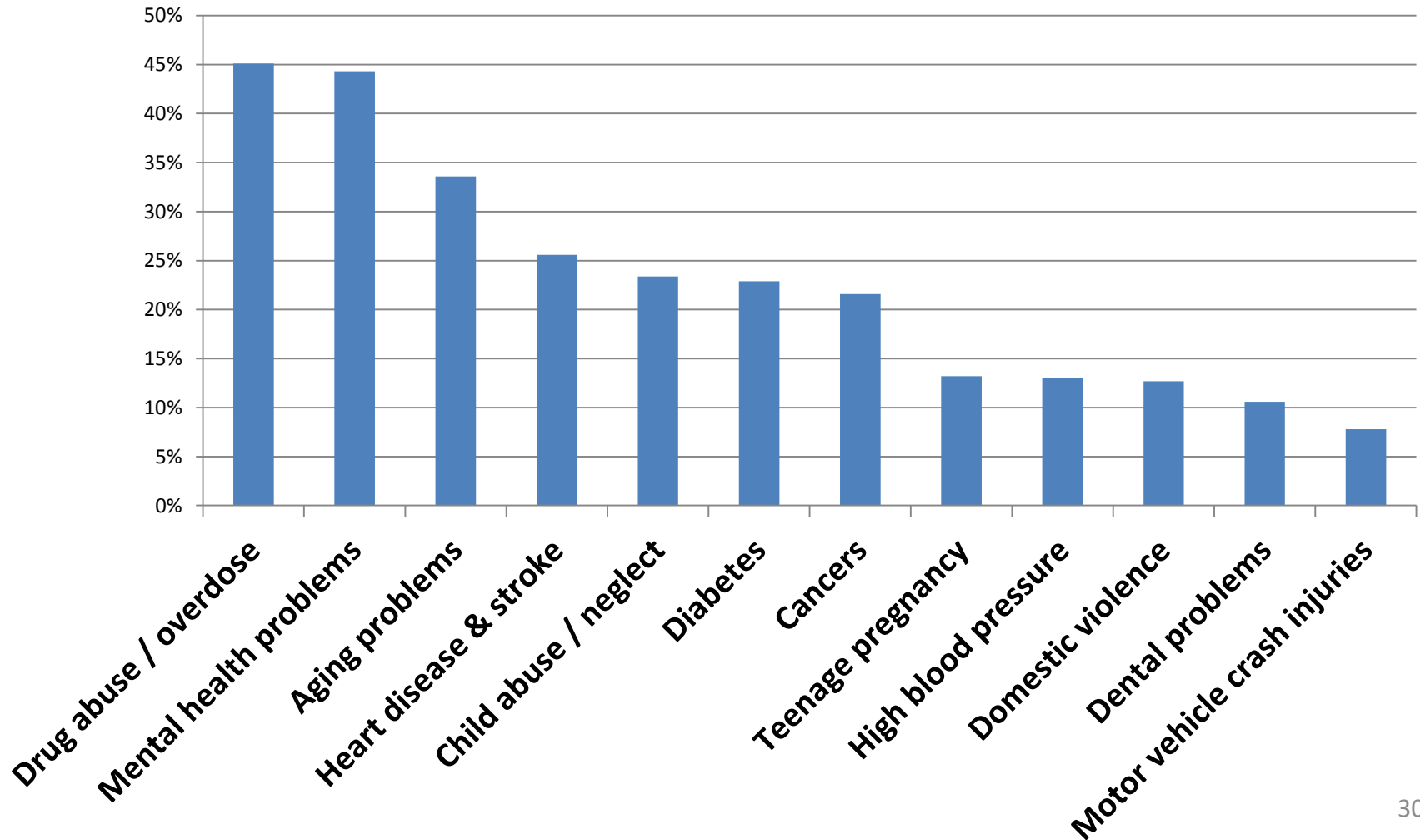
- 1,447 respondents completed the survey (1,420 in English; 27 in Spanish)
- Representativeness is generally satisfactory, except for underrepresentation of men, Hispanic residents, and those with less than high school education.

Socio-Demographic Characteristics	Survey Respondents	Manatee County ACS 2013 Estimates
<b>AGE</b>		
18 to 25 years	3%	9%
26 to 45 years	27%	30%
46 to 65 years	45%	32%
Over 65 years	25%	29%
<b>GENDER</b>		
Male	28%	48%
Female	72%	52%
<b>RACE</b>		
White	86%	87%
Black	11%	9%
Other	3%	4%

Socio-Demographic Characteristics	Survey Respondents	Manatee County ACS 2013 Estimates
<b>ETHNICITY</b>		
Non-Hispanic	91%	85%
Hispanic	9%	15%
<b>ANNUAL INCOME</b>		
Under \$10,000	7%	7%
\$10,000 to \$49,999	39%	44%
\$50,000 or more	54%	49%
<b>EDUCATION</b>		
Up to Grade 11	4%	12%
Grade 12 or GED	17%	31%
College 1 to 3 years	29%	28%
College 4+ years	50%	29%

# Manatee County Community Health Survey

## Top 12 Health Problems Identified by Respondents



# Top 5 Ranked Health Problems by Demographic Groups

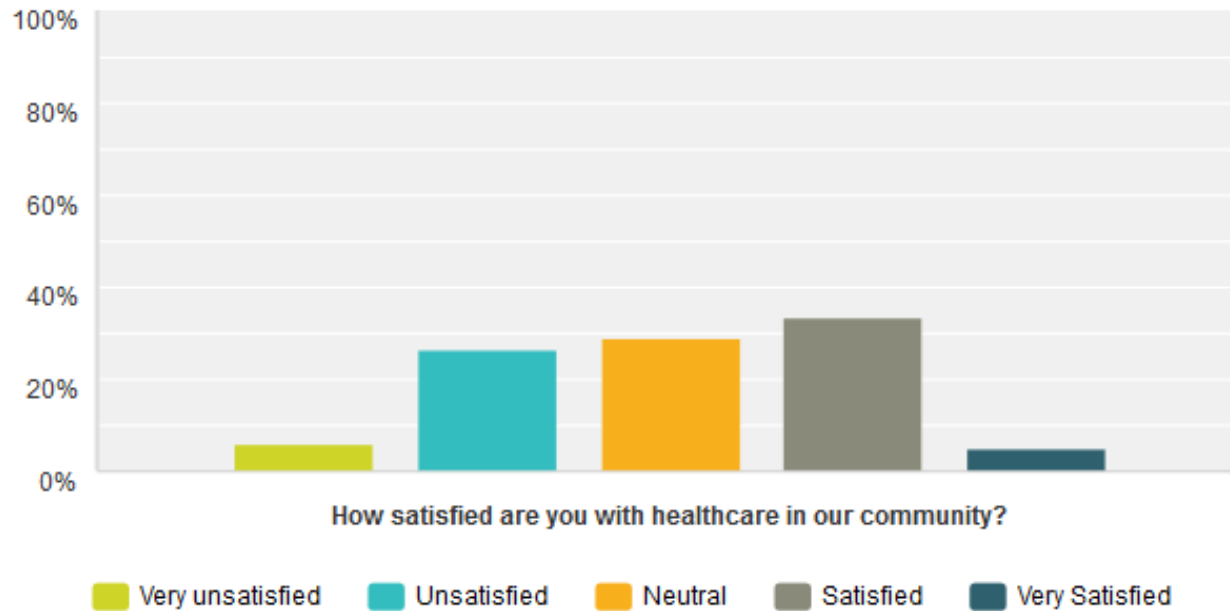
Income		Under 30,000	\$30,000-\$49,999	\$50,000 or more
	#1	Drug Abuse/Overdose	Mental health	Mental health
	#2	Mental health	Drug Abuse/Overdose	Drug Abuse/Overdose
	#3	Aging Problems	Aging Problems	Aging Problems
	#4	Diabetes	Diabetes	Heart Disease/Stroke
	#5	Cancers	Heart Disease	Child Abuse

Race & Ethnicity		White	Black	Hispanic
	#1	Mental health	Drug Abuse/Overdose	Mental health
	#2	Drug Abuse/Overdose	Diabetes	Diabetes
	#3	Aging Problems	Mental Health	Drug Abuse/Overdose
	#4	Heart Disease/Stroke	Cancers	Heart Disease
	#5	Child Abuse	HIV/AIDS	Cancers

Age		18 to 25 years	26 to 45 years	46 to 65 years	Over 65 years
	#1	Drug Abuse/Overdose	Drug Abuse/Overdose	Mental health	Aging Problems
	#2	Mental health	Mental health	Drug Abuse/Overdose	Mental health
	#3	Child Abuse	Heart Disease	Aging Problems	Drug Abuse/Overdose
	#4	Diabetes	Child Abuse	Diabetes	Heart Disease/Stroke
	#5	Homicide	Cancers	Heart Disease	Cancers

# Manatee County Community Health Survey

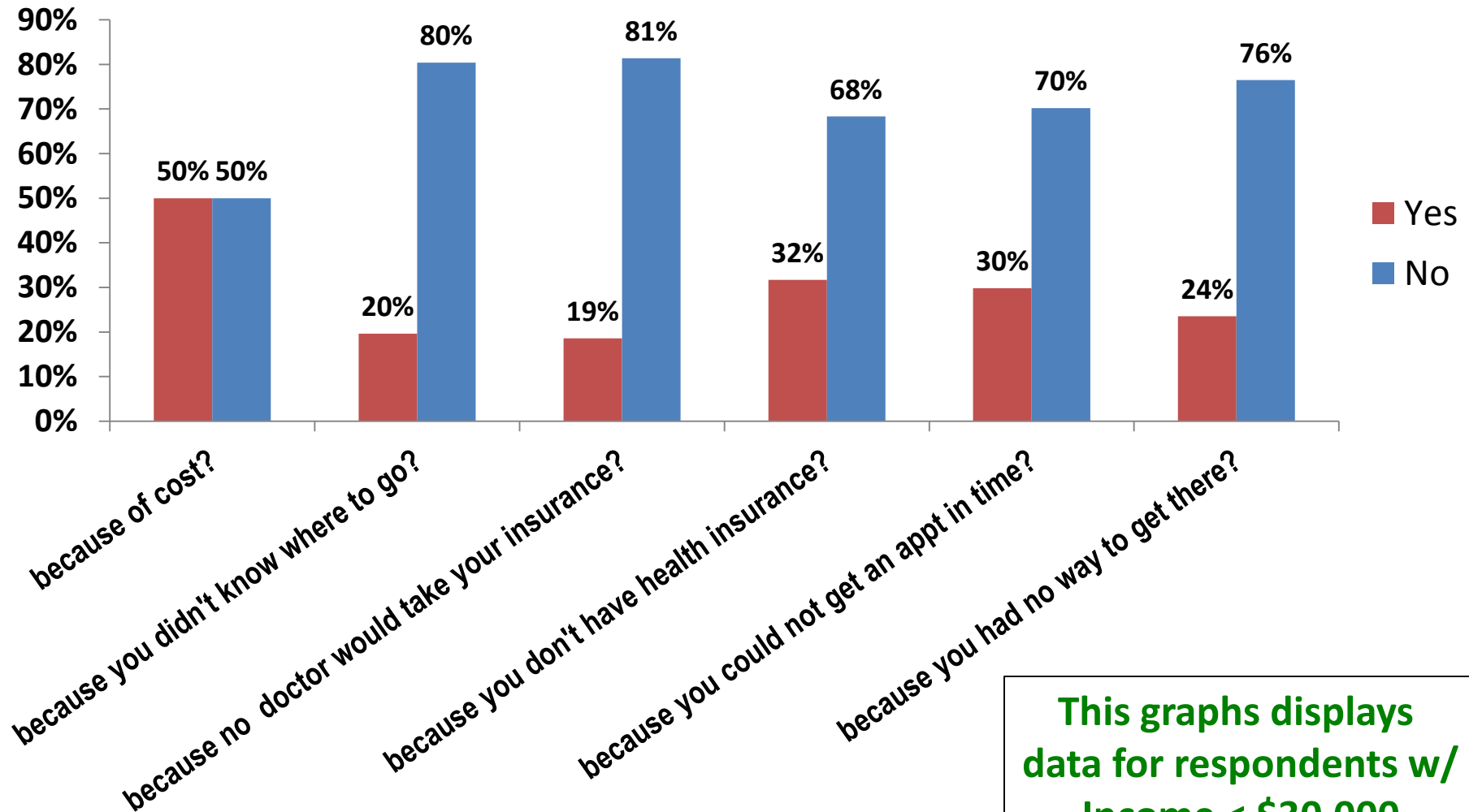
## *How satisfied are you with health care in our community?*



	Very unsatisfied	Unsatisfied	Neutral	Satisfied	Very Satisfied	Total
How satisfied are you with healthcare in our community?	6.07% 76	26.36% 330	29.07% 364	33.63% 421	4.87% 61	1,252



# *Was there a time in the past 12 months when you needed to see a doctor but could not . . .*



**This graphs displays  
data for respondents w/  
Income < \$30,000**

# Manatee County Community Health Survey

Open-Ended Question: *What do you think are the most important changes needed to achieve a healthy community in Manatee County?*

- Low-Income
- Substance Abuse
- Reduce Obesity
- Water
- Health Care
- Mental Health
- Education
- Traffic
- Healthier Choices
- Tobacco Cessation
- Stress Management
- Teenage Pregnancy
- Affordable Housing
- Healthy Options
- Expansion
- Community
- Prevention
- Drug Abuse
- Healthier Choices
- Transit

# Forces of Change

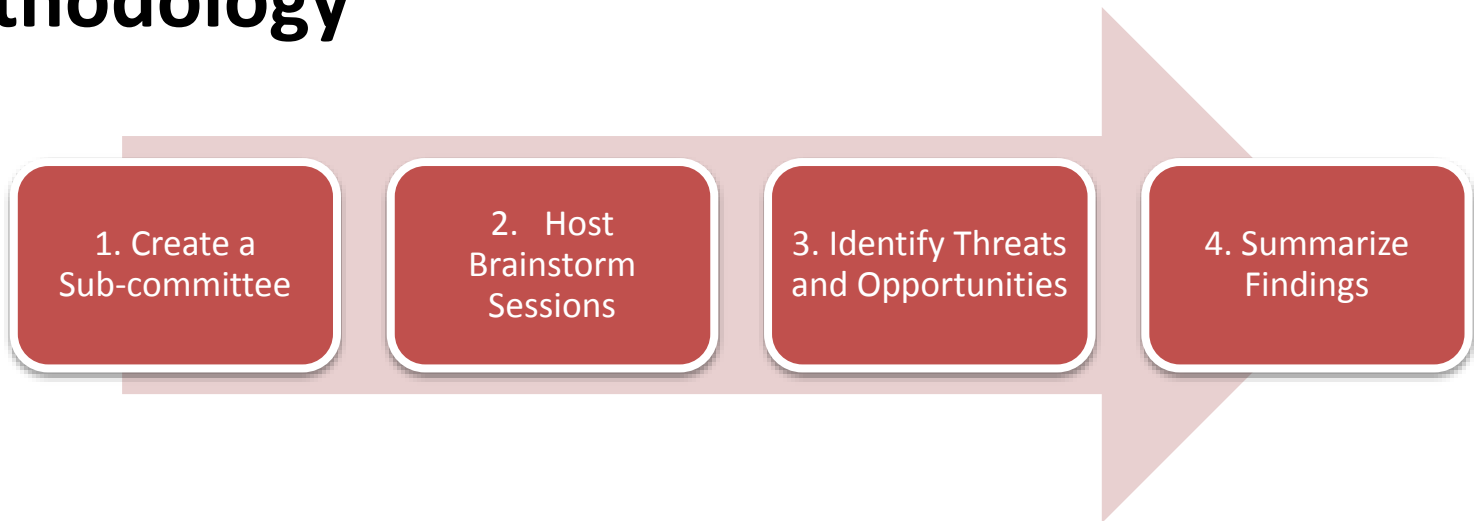
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# Forces of Change Assessment

## Purpose

The Forces of Change Assessment identifies forces that may affect a community and opportunities and threats associated with those forces.

## Methodology



# Findings

## Forces of Change: Categories

<b>Education</b>	The County needs an extensive education program, focused on healthy behaviors and on the availability of a wide variety of healthcare services.
<b>Expansion/Urbanization</b>	Rapid expansion and development, expansion of faith communities, elimination for farmland, and insufficient health care personnel for expanding census are factors with opportunities and threats to the health of Manatee County.
<b>Healthcare Resources</b>	County has an extensive healthcare system serving a wide diversity of physical and mental health needs.
<b>Healthy Behavior</b>	Since the adoption of the ACA, many Americans have been able to obtain healthcare; however, there must be a focus on Healthy Behavior (exercise and diet).
<b>Homelessness</b>	There are strong services from local, state, and federal programs in place to meet these needs, but the programs need to be reliably funded and constantly reviewed for improvement.
<b>Mental Health</b>	Diagnosis, treatment, and funding for mental illness are critical for the improvement of Mental Health in the County.
<b>Technology</b>	We live in an age of rapidly increasing technological access to information and communication related to health and health care resources.
<b>Transportation</b>	County's current transportation system can affect access to healthcare for some of its residents

# Community Themes & Strengths

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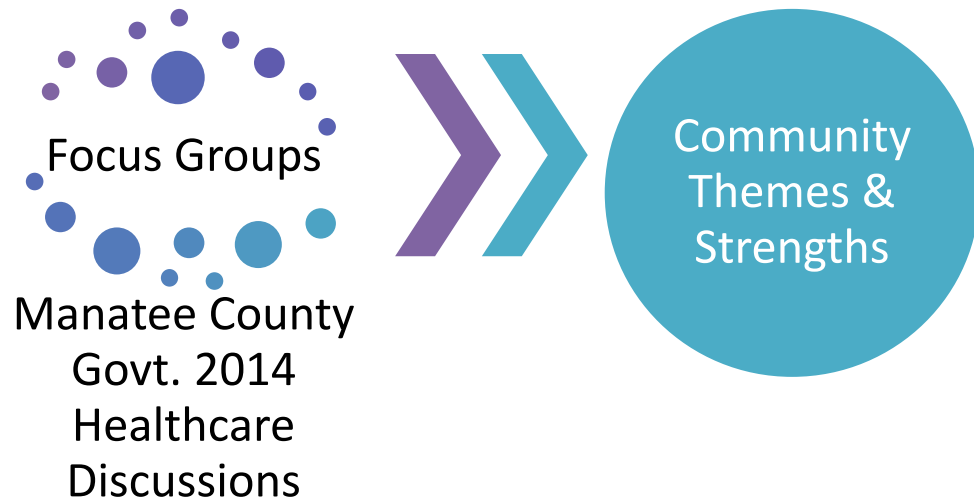
# Community Themes & Strengths

- **Purpose**

Focus groups served as a platform for individuals and members of the community to voice their thoughts and ideas on health in Manatee County.

The Manatee County Government 2014 Healthcare Discussions gave insight on healthcare in the community from experts and professionals in the healthcare field

- **Methodology**



## THEMES

- Education
- Access to healthcare
- Mental health
- Homelessness
- Violence
- Teen Pregnancy
- Preventative education/healthcare
- Nutrition and Obesity

## STRENGTHS

- Engagement and collaboration between community partners
- Role of local government in Healthcare
- Non-profit agencies and organizations provide healthcare services to the community
- Faith-Based organizations provide services to underserved communities
- Access to information through the Health Information Exchange (HIE)
- Outreach efforts



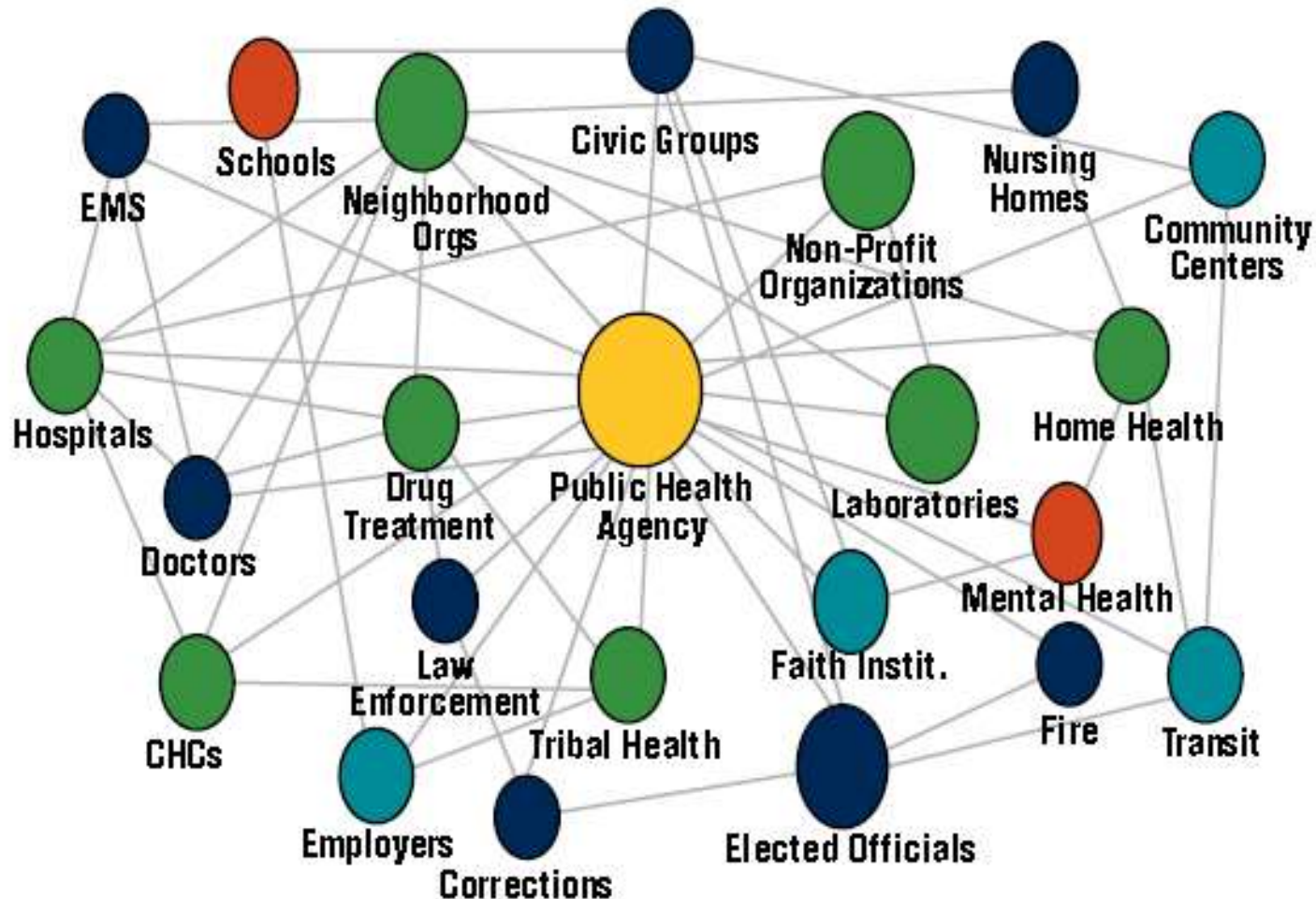
# Local Public Health System Assessment

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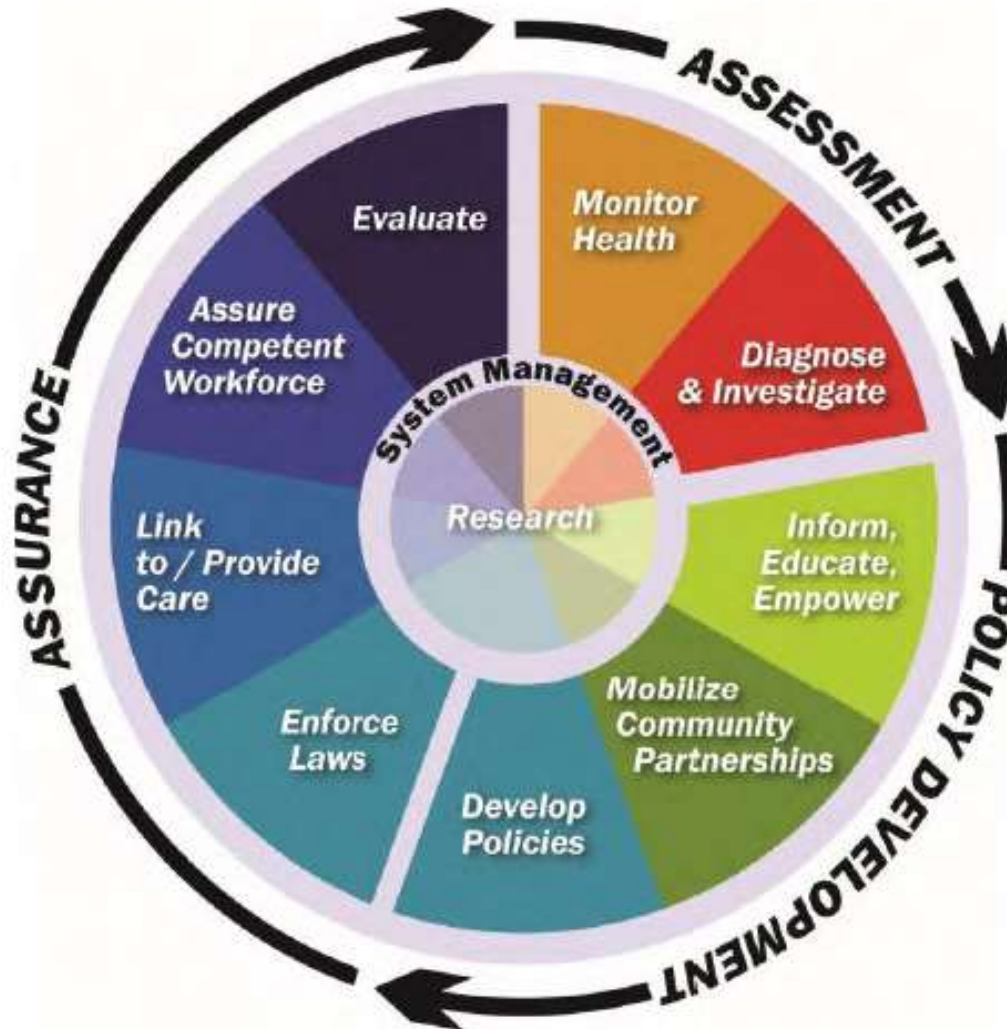
## The Local Public Health System Assessment (LPHSA):

- is a broad assessment, involving all of the organizations and entities that contribute to public health in the community.
- answers the questions:
  - What are the activities, competencies, and capacities of the **Local Public Health System**?
  - How are the **10 Essential Public Health Services** being provided to the community?

The **Local Public Health System** includes all of the organizations and entities that contribute to public health in the community :



# The 10 Essential Public Health Services:



# Local Public Health System Assessment (LPHSA)

- The Local Instrument evaluates how well each Essential Service is being delivered with specific Performance Measures and the following rating scale:

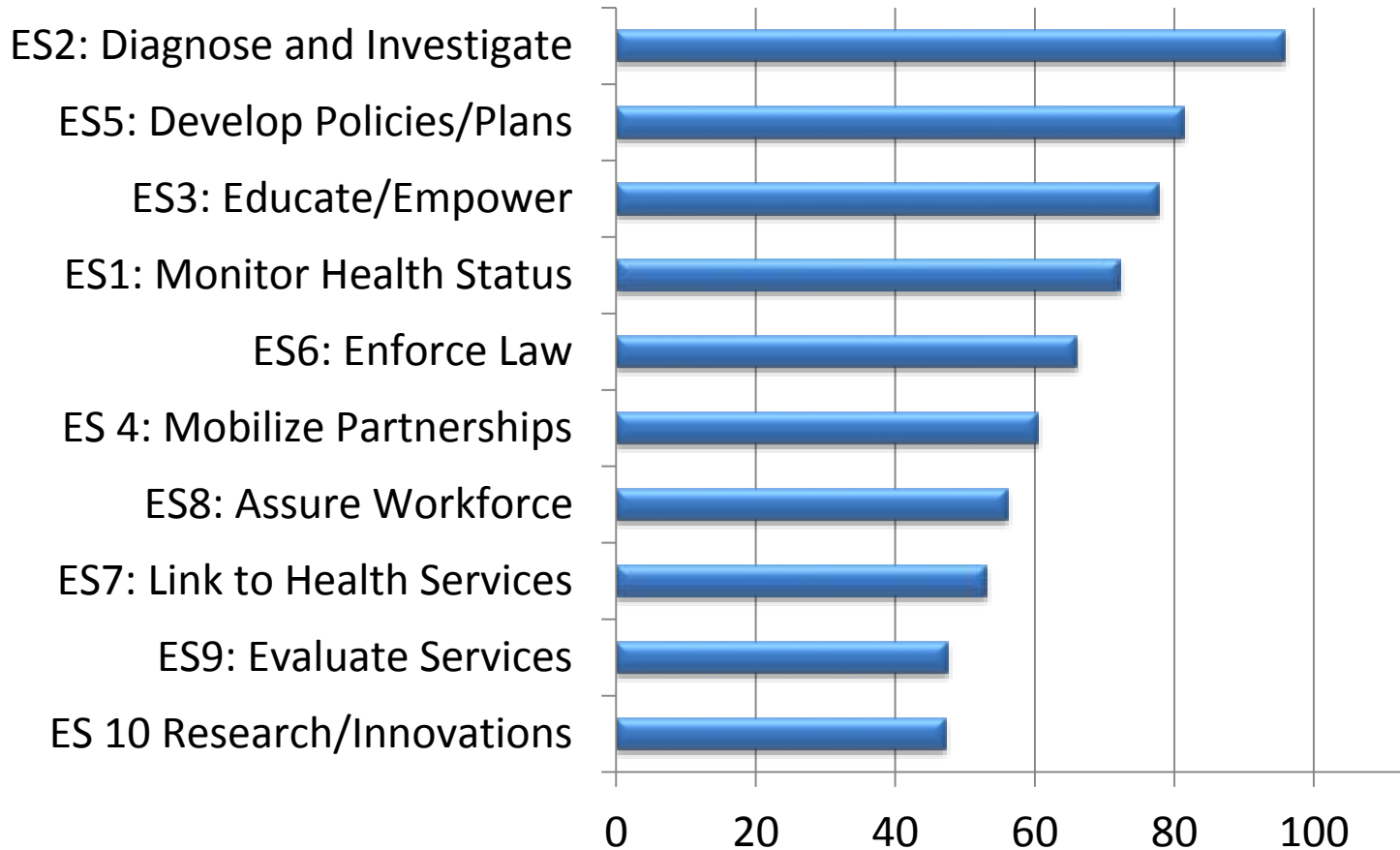
Optimal Activity (76-100%)	Greater than 75% of the activity described within the question is met.
Significant Activity (51-75%)	Greater than 50%, but no more than 75% of the activity described within the question is met.
Moderate Activity (26-50%)	Greater than 25%, but no more than 50% of the activity described within the question is met.
Minimal Activity (1-25%)	Greater than zero, but no more than 25% of the activity described within the question is met.
No Activity (0%)	0% or absolutely no activity.

## Process: 2015 Manatee Local Public Health System Assessment

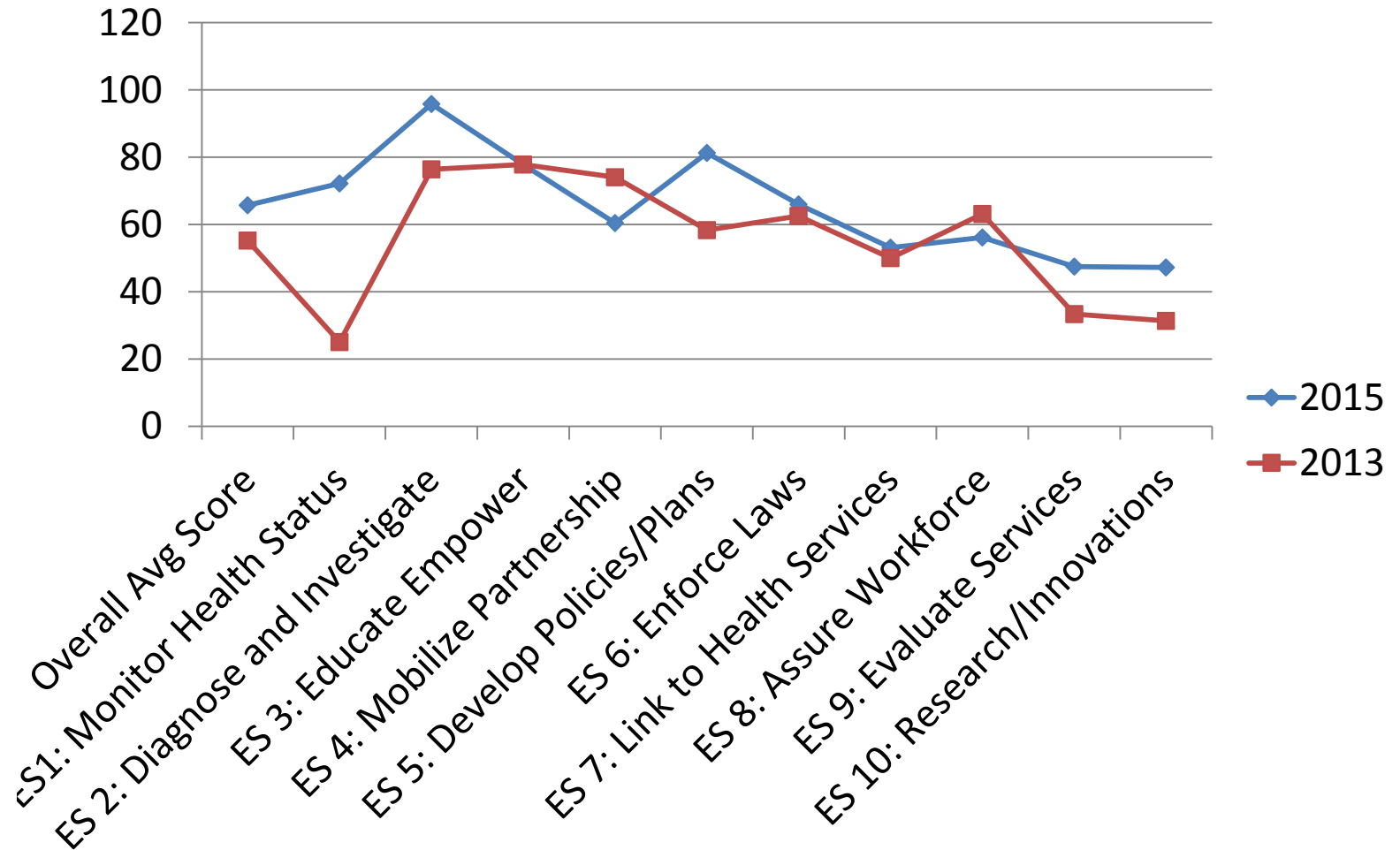
- Local Public Health System experts were invited to review the Local Instrument and attend a meeting to complete the Instrument by consensus.
- On July 17, 2015, 22 of the experts met to complete the Local Instrument, representing 14 organizations:
  1. Centerstone of Florida (formerly Manatee Glens)
  2. Florida Blue
  3. Florida Department of Health in Manatee County
  4. Gulfcoast South Area Health Education Center
  5. Healthy Start Coalition of Manatee County
  6. League of Women Voters of Manatee County
  7. Manatee Chamber of Commerce
  8. Manatee County Community Services
  9. Manatee County Extension Office
  10. Manatee County Government
  11. Manatee County Rural Health Services
  12. Manatee County Substance Abuse Coalition
  13. Turning Points Manatee
  14. United Way of Manatee County

# 2015 Manatee County LPHS Assessment: Ranked Results

## Average Rating for Each Essential Service (0-100%)



# 2013/2015 LPHSA Comparison





# Identify Strategic Issues, Formulate Goals & Strategies

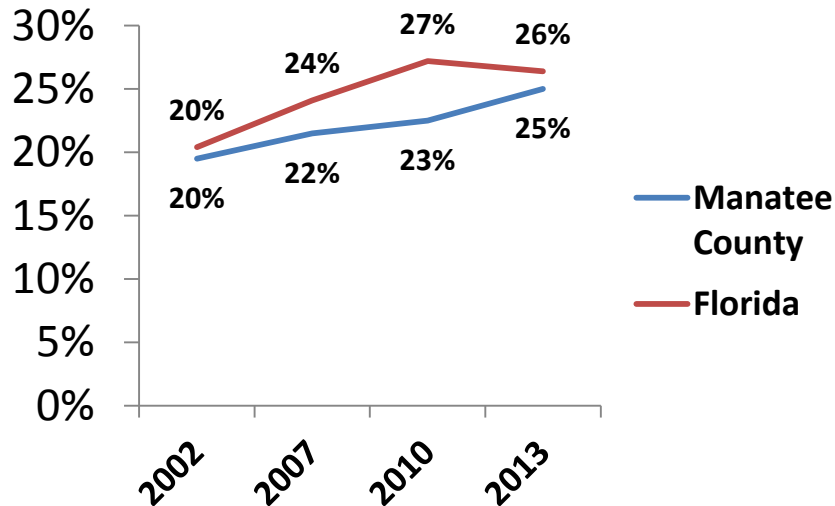


**Our next  
step:  
Identify  
issues and  
goals**

# 2013 CHA Priorities: Obesity & Teen Births

## Adult Obesity:

- **Manatee is below FL average (1<sup>st</sup> quartile).**
- **Trend is upward.**

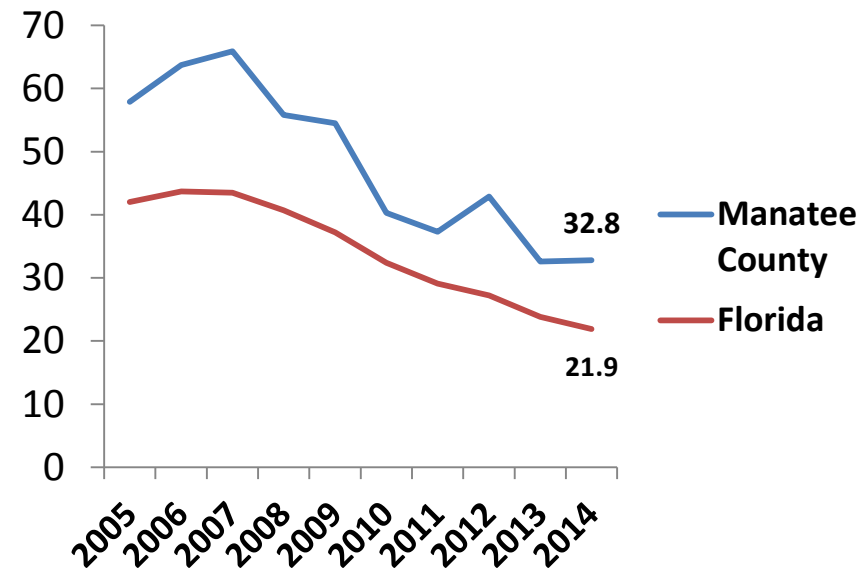


## Youth Obesity

- **% of obese youth (11-17 yrs) in Manatee (11.9%) is below FL average (12.2%)**
- **Trend is upward (11.9% in 2014 vs. 10.8% in 2012)**

## Teen Births:

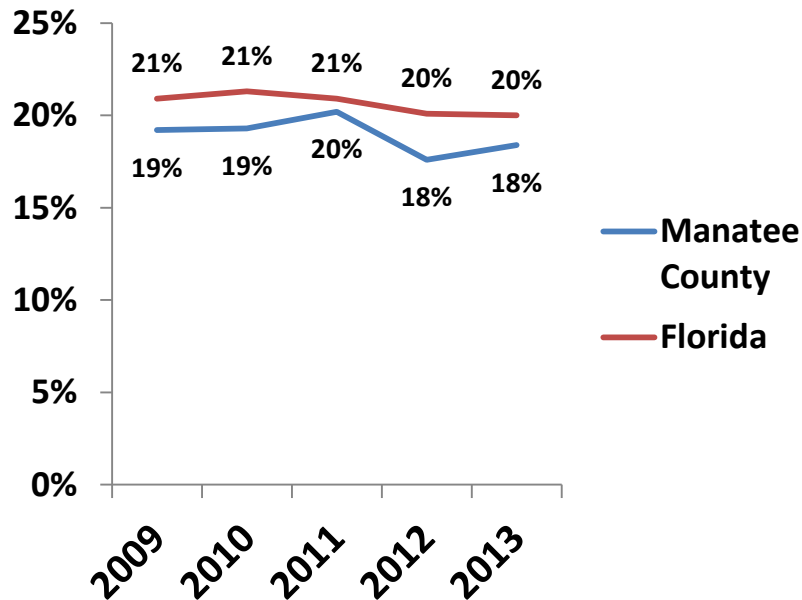
- **Manatee is above FL average (3<sup>rd</sup> quartile).**
- **Trend is downward.**
- Graph shows single-year birth rate per 100,000 for females ages 15-19 years.



# 2013 CHA Priorities: Uninsured & Smoking

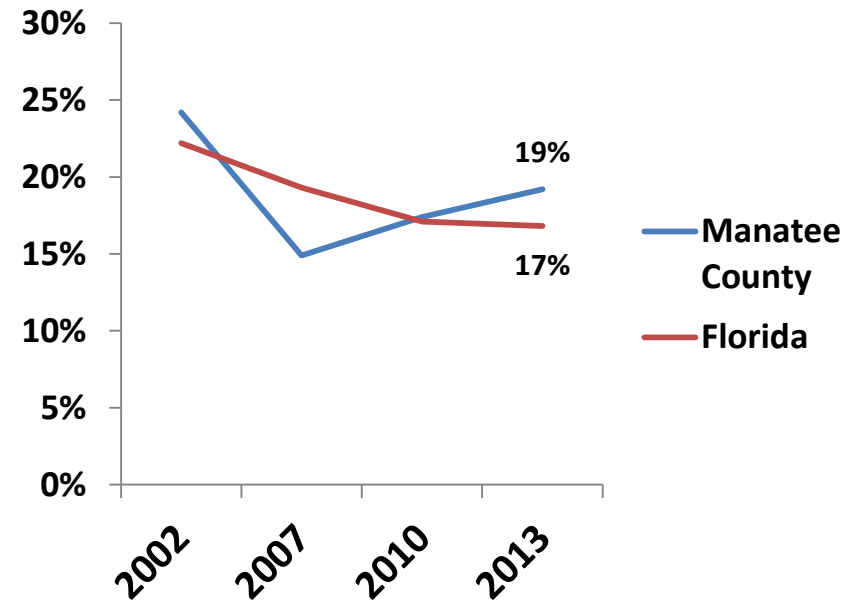
## Uninsured:

- **Manatee is below FL average.**
- Trend is mixed.
- Graph shows ACS 1-year estimates



## Smoking:

- **Manatee is above FL average (in 2013).**
- Trend is mixed.
- Graph shows BRFSS self-reported data.

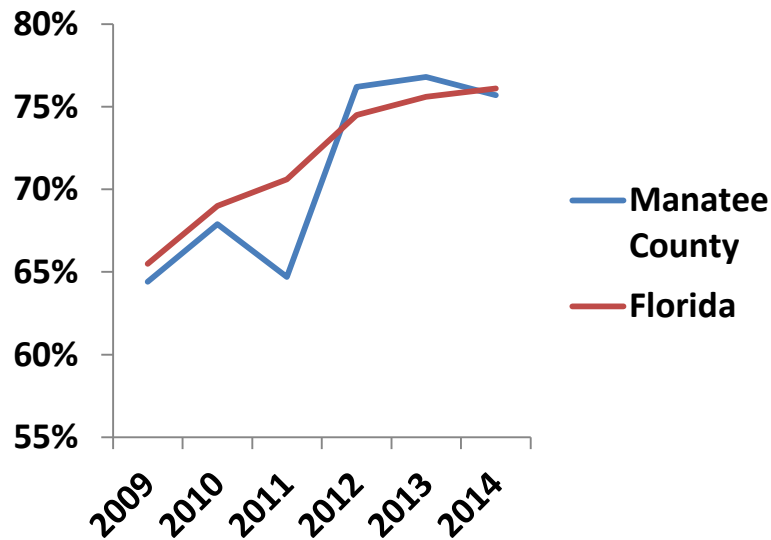


# 2013 CHA Priorities:

## High School Graduation & Violent Crime

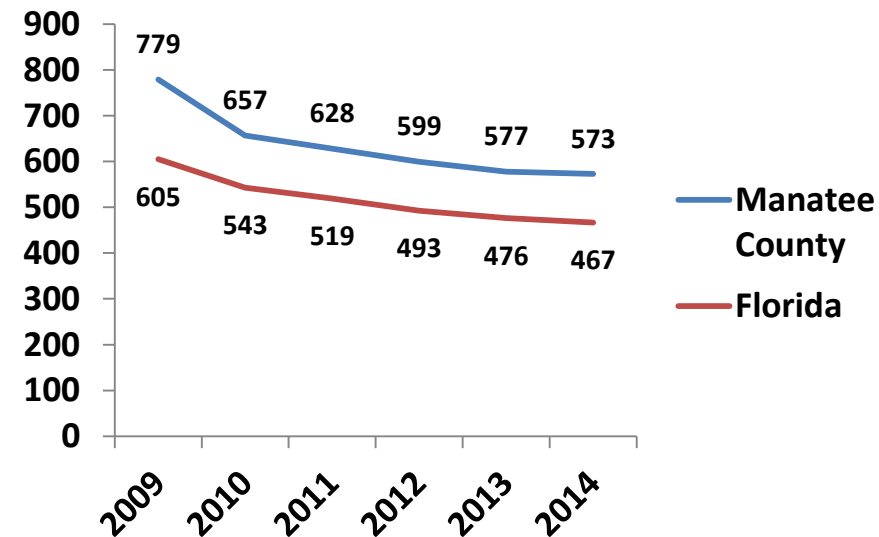
### High School Graduation:

- Manatee is near FL average.
- Trend is mixed.
- Source: FL Department of Education



### Violent Crime:

- **Manatee is above FL average (in 2014).**
- **Trend is downward.**
- Source: FL Department of Law Enforcement



# SUMMARY

## Community Health System Assessment

### • **Secondary Data:**

- Death rate for Manatee Blacks higher than state average (vs. White rate lower than state average)
- Increasing rates of death caused by: unintentional poisoning, suicide, kidney disease, and homicide
- Increased incidence of following communicable diseases from 2010-2014: Chlamydia, Gonorrhea, HIV, Pertussis
- Mental Health/Substance Use: higher rates of smoking among Manatee Adults compared to FL, higher number of youth using e-cigs compared to FL
- Environmental health: unfavorable indicators for pedestrian deaths, heat-related ER visits, youth asthma attacks
- SES: 43% Households struggling
- More adults in Manatee County could not see a doctor due to cost compared to FL

### • **Survey Data:**

- Top problems identified: Drug abuse/overdose, mental health problems, aging problems, heart disease and stroke, and child abuse and neglect

## Forces of Change Assessment

- The following categories condense forces, factor, or trends identified during the assessment. Reports were made summarizing opportunities and threats in each category.
  - **Education**
  - **Expansion/Urbanization**
  - **Healthcare Resources**
  - **Healthy Behavior**
  - **Homelessness**
  - **Mental Health**
  - **Technology**
  - **Transportation**

## Community Themes and Strengths Assessment

### • THEMES

- Education
- Access to healthcare
- Mental health
- Homelessness
- Violence
- Teen Pregnancy
- Preventative education/healthcare
- Nutrition and Obesity

### • STRENGTHS

- Engagement and collaboration between community partners
- Role of local government in Healthcare
- Non-profit agencies and organizations provide healthcare services to the community
- Faith-Based organizations provide services to underserved communities
- Access to information through the Health Information Exchange (HIE)
- Outreach efforts

## Local Public Health System Assessment

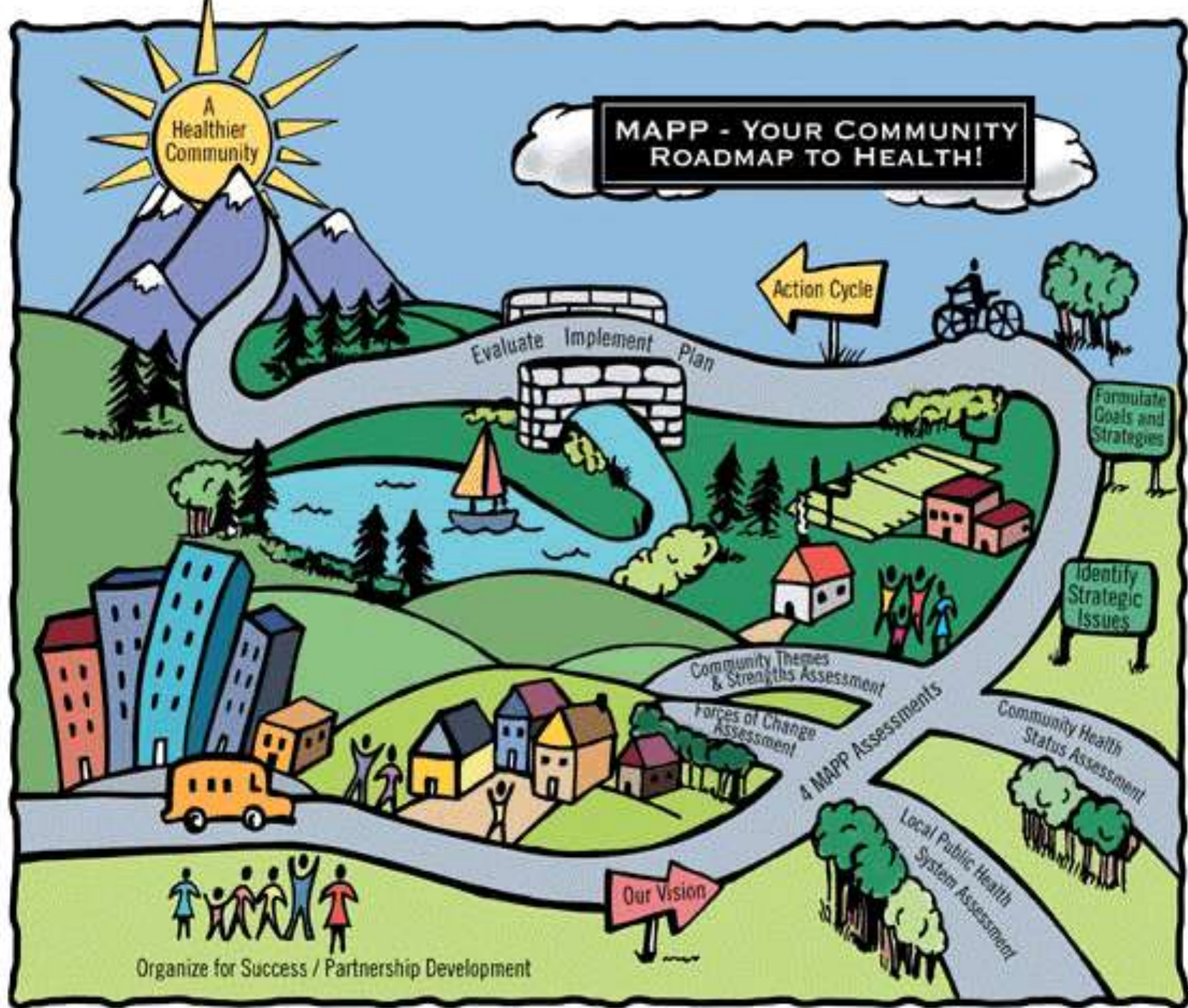
- The 5 lowest rated Essential Services domains: Research/Innovations; Evaluate Services; Link to Health Services; Assure Workforce; and Mobilize Partnerships.

### 2015 Manatee County LPHS Assessment: Ranked Results



# APPENDIX





# History of MAPP

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- Created in 2001 by a workgroup of local public health practitioners & national partners
- MAPP advances the thinking behind *APEXPH*.
- 9 Demonstration Sites
- Since then, about 700 organizations have utilized the MAPP process
- Several communities in their 2<sup>nd</sup> and even 3<sup>rd</sup> iteration of MAPP



# 1. Organize for Success/Partnership Development

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-Community will be part of entire process

Subcommittees

Identifying focus for indicators

Approving survey Questions





## 2. Visioning

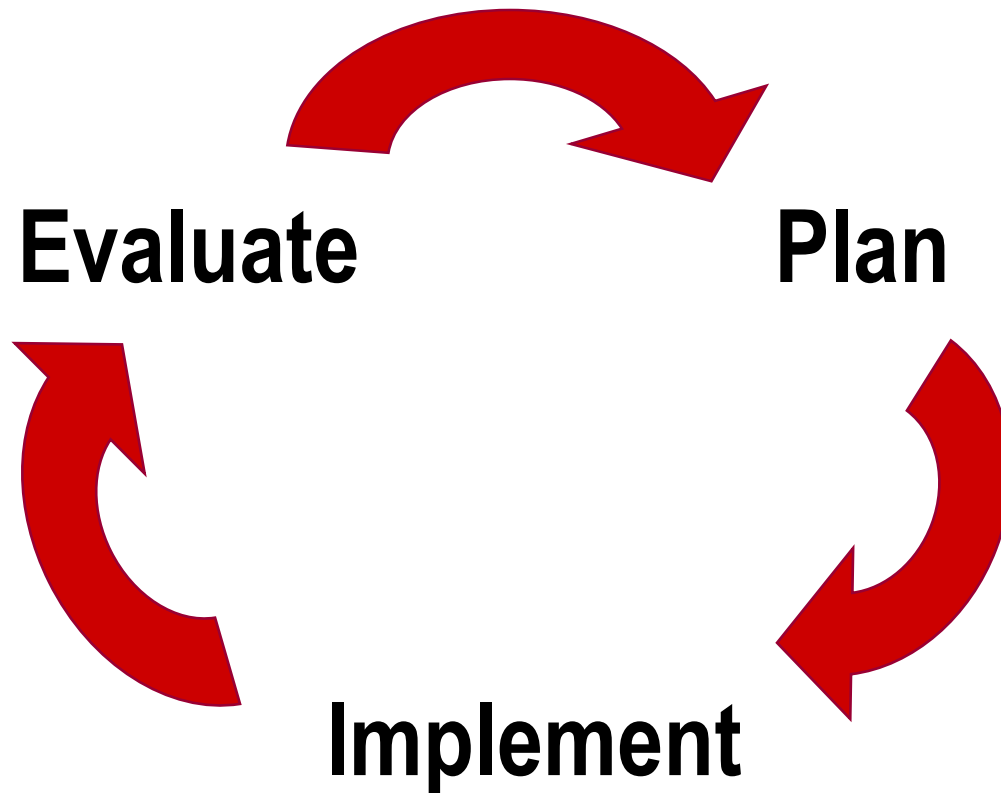
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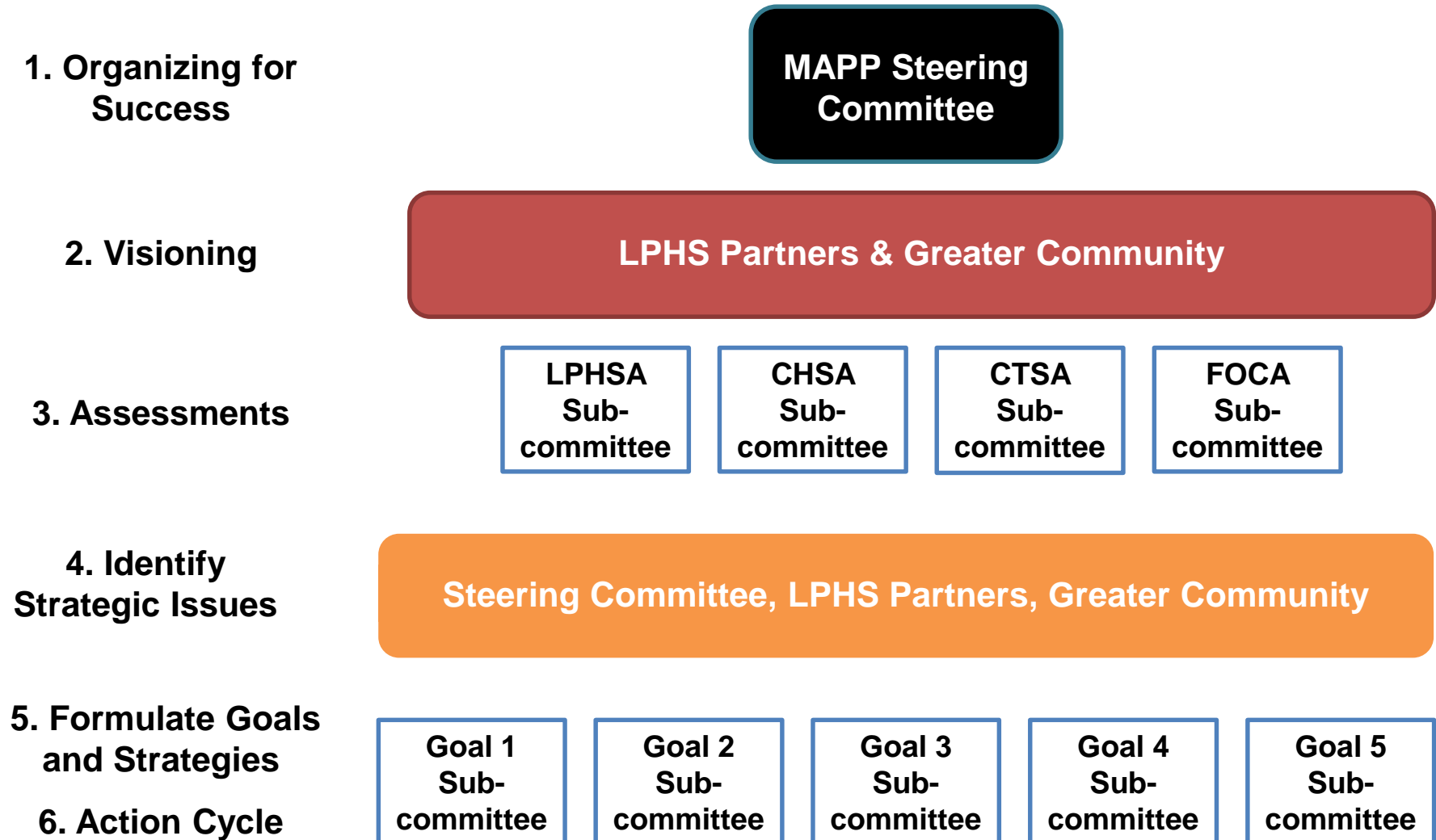


Wellness Committee decided to keep MHCA Vision to “be the healthiest county in the state”.

# Action Cycle

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# Assessment #1: Community Health Status

## Major Causes of Death

(age-adjusted, 3-yr. rolling rates per 100,000)

### Lower death rates in Manatee County:

- Cancer:  
Manatee (147 per 100,000) vs. Florida (160)
- Chronic Lower Respiratory Diseases:  
Manatee (34 per 100,000) vs. Florida (40)
- Diabetes:  
Manatee (12 per 100,000) vs. Florida (20)
- Alzheimer's:  
Manatee (9 per 100,000) vs. Florida (16)
- Parkinson's:  
Manatee (5 per 100,000) vs. Florida (7)
- Pneumonia/Influenza:  
Manatee (5 per 100,000) vs. Florida (9)
- AIDS/HIV:  
Manatee (3 per 100,000) vs. Florida (5)

### Higher death rates in Manatee County:

- Unintentional Injuries:  
Manatee (44 per 100,000) vs. Florida (40)
- Suicide:  
Manatee (16 per 100,000) vs. Florida (14)
- Kidney Disease:  
Manatee (14 per 100,000) vs. Florida (11)
- Homicide:  
Manatee (7 per 100,000) vs. Florida (6)

# Assessment #1: Community Health Status

## Major Causes of Death: Differences by Ethnicity

Death rates per 100,000 (age-adjusted, 3-yr. rolling)				
	Manatee County		Florida	
Leading Causes of Death	Non-Hispanic	Hispanic	Non-Hispanic	Hispanic
All Causes	644	448	711	526
Heart Disease	157	98	159	128
Cancer	149	101	167	118
Unintentional Poisoning	22	5	14	4
CLRD/COPD	35	8	42	24
Kidney Disease	14	13	12	10
Diabetes	13	19	20	19
Liver Disease	11	13	12	8
Homicide	7	10	7	4
HIV/AIDS	3	3	5	3

This table shows death rates for selected causes suggesting differences between:

- Non-Hispanic vs. Hispanic Manatee County Residents (shown with **green** and **red** type)
- Hispanic residents in Manatee County vs. Florida as a whole (shown with **red shading**)<sup>64</sup>



# Assessment #1: Community Health Status

## Communicable Diseases

**Compared to State Averages, Manatee County has higher incidence\* (new cases) of:**

- Pertussis
  - Manatee: 4.4 per 100,000
  - Florida: 3.5 per 100,000
- Gonorrhea
  - Manatee: 128 per 100,000
  - Florida: 106 per 100,000
- Acute Hepatitis B
  - Manatee: 2.5 per 100,000
  - Florida: 1.9 per 100,000
- Meningococcal Disease
  - Manatee: 0.8 per 100,000
  - Florida: 0.3 per 100,000

(\*3-year rolling rates, 2012-2014)

**In 2010 to 2014 Manatee County has seen increased incidence of:**

- Chlamydia:
  - 374 per 100,000 in 2010
  - 424 per 100,000 in 2014
- Gonorrhea:
  - 91 per 100,000 in 2010
  - 135 per 100,000 in 2014
- HIV:
  - 14 per 100,000 in 2010
  - 21 per 100,000 in 2014
- Pertussis:
  - 0.9 per 100,000 in 2010
  - 8.2 per 100,000 in 2014

(\*single-year rates)

# 2013 CHA Priorities

## Obesity:

- % of obese adults (2013).
- Manatee (25%) is below FL average (26%) (1<sup>st</sup> quartile).**
- Manatee trend is upward.**
- % of obese youth (11-17 yrs).
- Manatee (11.9%) below FL average (12.2%)**
- Manatee trend is upward: 11.9% in 2014 vs. 10.8% in 2012.**

## Teen Births:

- Rate per 100,000 females 15-19 yrs (2014).
- Manatee (32.8) is above FL average (21,9).**
- Manatee trend is downward.**

## Uninsured:

- % of population without any health insurance (2013).
- Manatee (18%) is below FL average (20%).**
- Manatee trend is mixed.**

## Smoking:

- % of adult smokers (2013).
- Manatee (19%) is above FL average (17%).**
- Manatee trend is mixed.**

## High School Graduation:

- High School Graduation Rate (2014).
- Manatee (76%) is near FL average (76%).**
- Manatee trend is mixed.**

## Violent Crime:

- Violent crime rate per 100,000 (2014).
- Manatee (573) is above FL average (467).**
- Manatee trend is downward.**

# *Assessment #1: Community Health Status*

## **Mental Health & Substance Use**

### **Tobacco Use**

- Adult smoking rates
  - Manatee County: **19.2%** in 2013 vs. 14.9% in 2007;
  - Florida: 16.8% in 2013 vs. 19.3% in 2007.
  - In Manatee County smoking is more common among men, adults aged 18 to 64 years, and those with annual incomes < \$25,000.
- Youth (ages 11-17) cigarette smoking in past 30 days
  - Manatee County: **3.3%** in 2014 vs. 7.0% in 2012;
  - Florida: 4.3% in 2014 vs. 6.1% in 2012.
- Youth (ages 11-17) smokeless tobacco use
  - Manatee County: **3.9%** in 2014 vs. 3.1% in 2012;
  - Florida: 3.3% in 2014 vs. 3.5% in 2012.
- Youth (ages 11-17) electronic cigarette use
  - Manatee County: **11.3%** in 2014;
  - Florida: 7.2% in 2014.

# Assessment #1: Community Health Status

## Mental Health & Substance Use

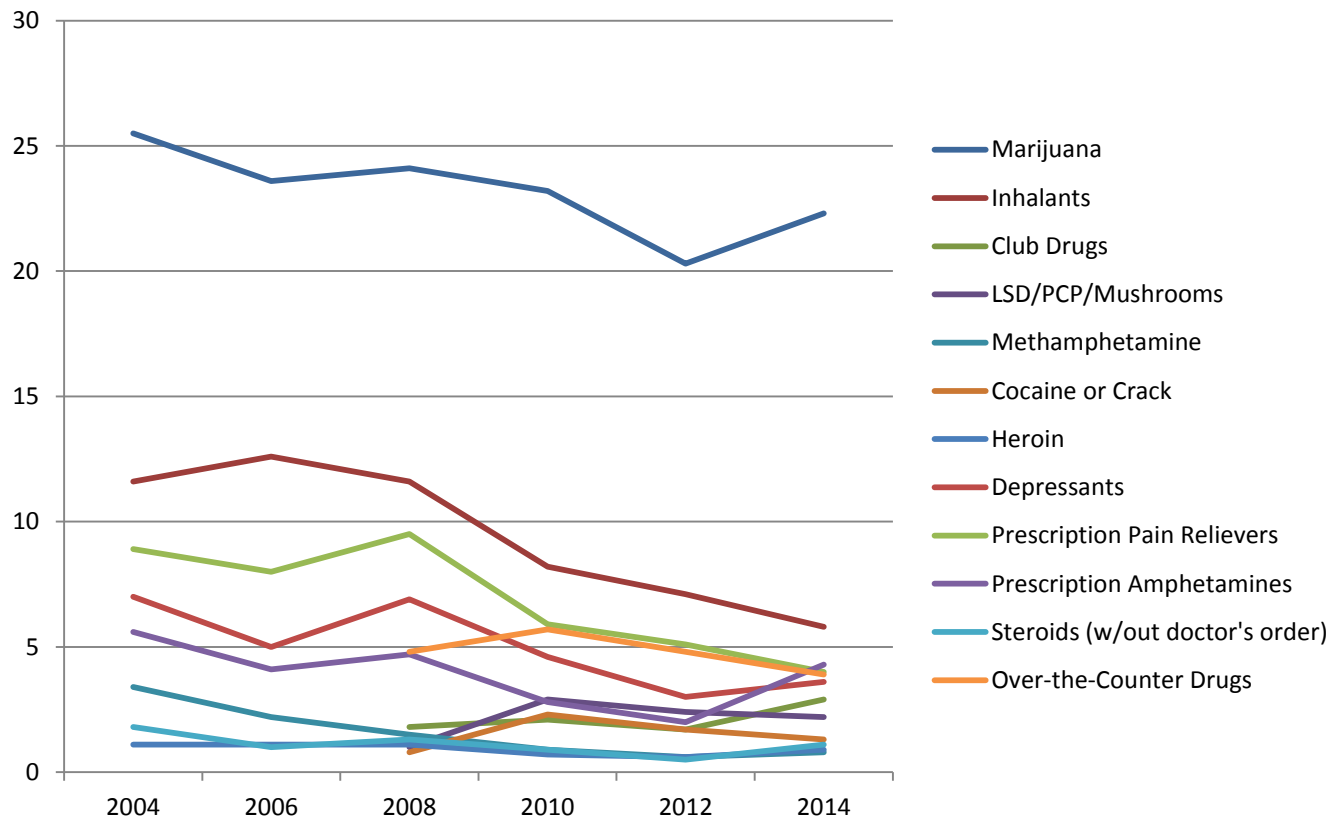
### Alcohol Use

- Adult binge drinking (past 30 days): **downward trend & below state average**
  - Manatee County: **14%** in 2013 vs. 19% in 2010;
  - Florida: 18% in 2013 vs. 15% in 2010.
  - Binge drinking is more common in among Manatee County's (i) adults aged 18 to 44 years; (ii) non-Hispanic Whites, and (iii) those with annual incomes \$25,000-\$50,000.
- Alcohol-related motor vehicle death rate: **downward trend but above state average**
  - Manatee County: **5.6** per 100,000 in 2013 vs. 6.2 in 2010
  - Florida: 4.4 per 100,000 in 2013 vs. 6.1 in 2010
- Youth (ages 10-17) alcohol use (past 30 days): **downward trend & below state average**
  - Manatee County: **18%** report alcohol use in 2014 (vs. 29% in 2010);  
**9%** report binge drinking (vs. 14% in 2010).
  - Florida: 21% report alcohol use;  
10% report binge drinking.

# Assessment #1: Community Health Status

## Mental Health & Substance Use

### Downward Trends in Substance Use by Manatee County Youth (2004-2014)



(source: 2014 Youth Substance Abuse Survey)

# Healthiest Weight: Nutrition, Exercise & Obesity

## Manatee County in 1<sup>st</sup> quartile (most favorable) :

- Adults who are obese
- Adults who are sedentary
- Adults who meet aerobic recommendations
- Workers who ride a bicycle to work

## Manatee County in 2<sup>nd</sup> quartile:

- Adults at a healthy weight
- Adults who are overweight
- Adults who meet muscle strengthening recommendations
- Adults who consume 5+ servings of fruit/vegetables per day
- Middle & high school students who are obese
- Mothers who initiate breastfeeding
- Workers who walk to work

## Manatee County in 3<sup>rd</sup> quartile:

- Adults who are overweight
- Mothers who are obese at time of pregnancy

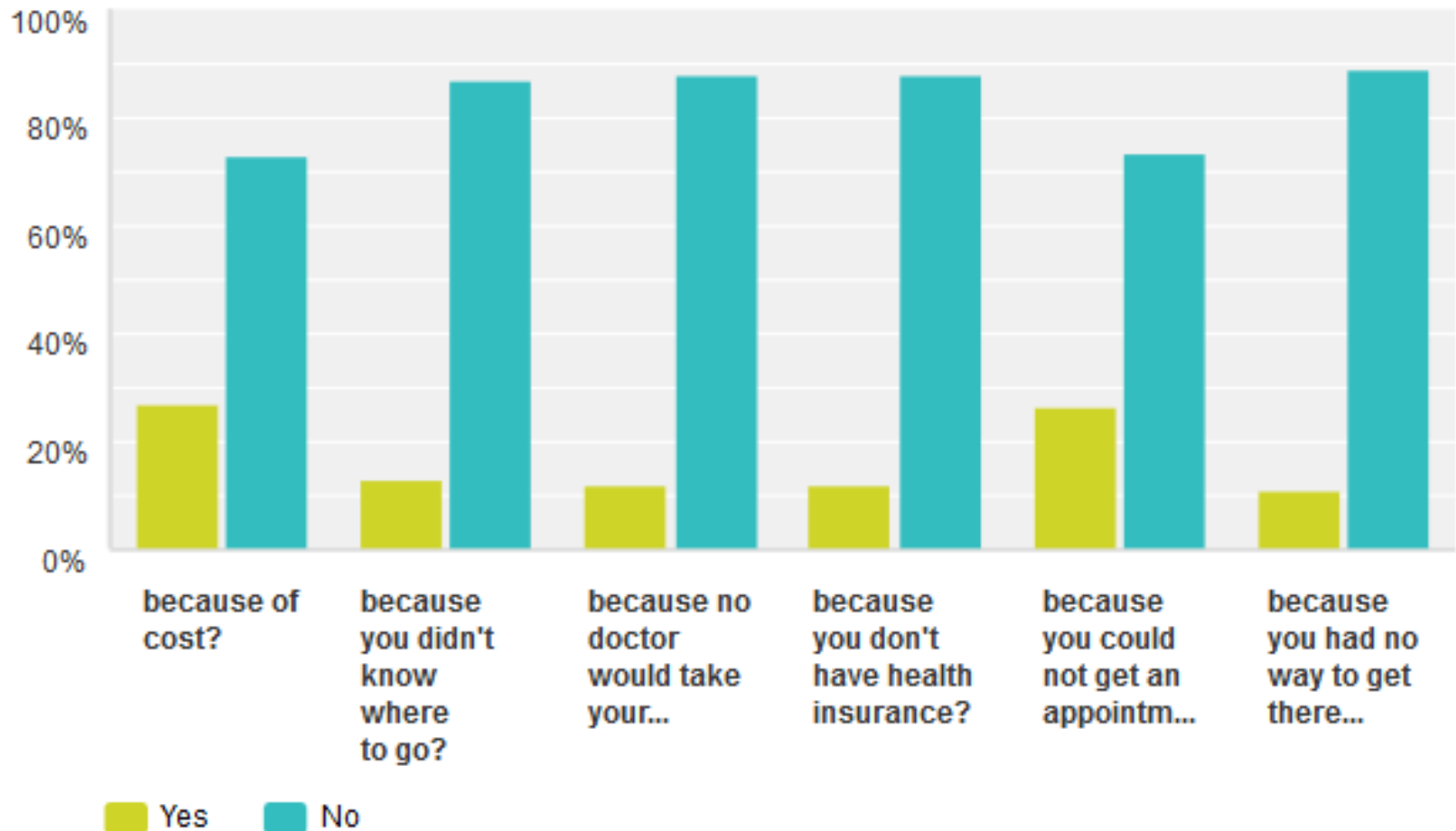
## Manatee County in 4<sup>th</sup> quartile (least favorable) :

- Middle & high school students who are overweight
- Middle & high school students not physically active on all of past 7 days
- Mothers overweight at time of pregnancy

## Assessment #1: Community Health Status

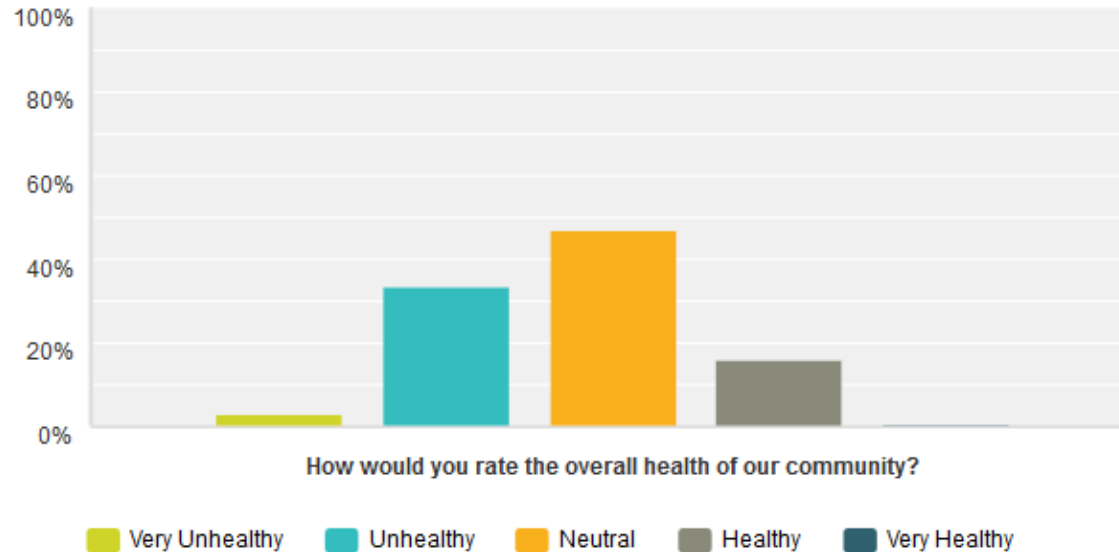
### Manatee County Community Health Survey

*Was there a time in the past 12 months when you needed to see a doctor but could not . . .*



# Manatee County Community Health Survey

*How would you rate the overall health of our community?*



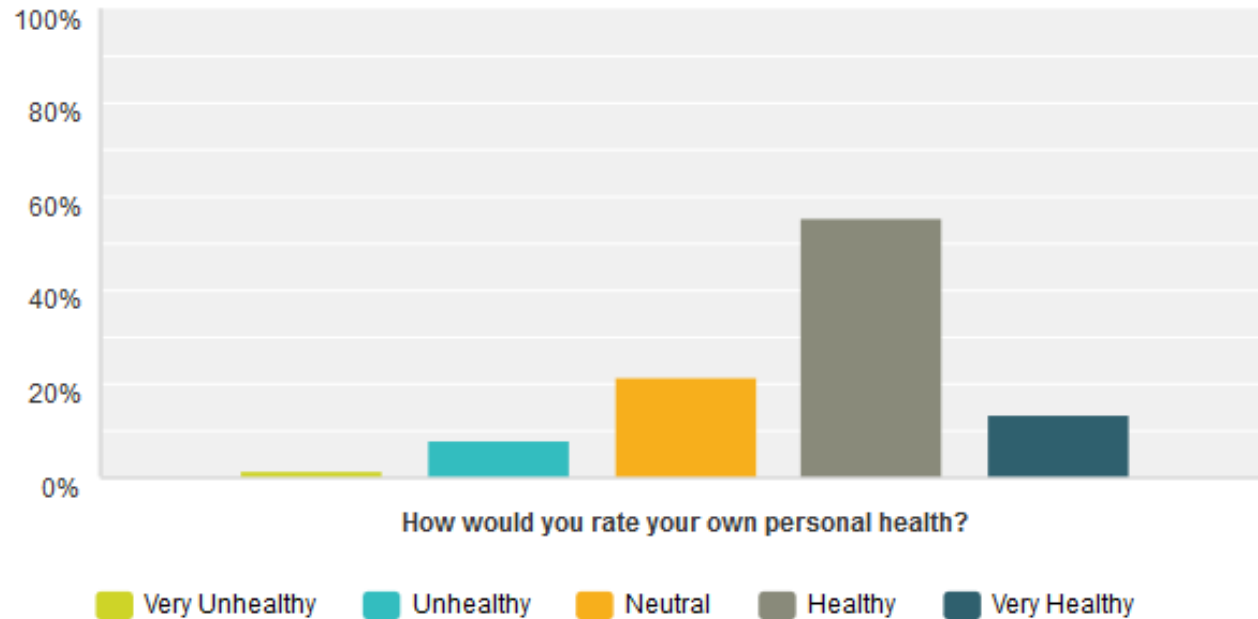
	Very Unhealthy	Unhealthy	Neutral	Healthy	Very Healthy	Total
How would you rate the overall health of our community?	3.07% 39	33.65% 428	47.01% 598	15.88% 202	0.39% 5	1,272



## Assessment #1: Community Health Status

### Manatee County Community Health Survey

*How would you rate your own personal health?*

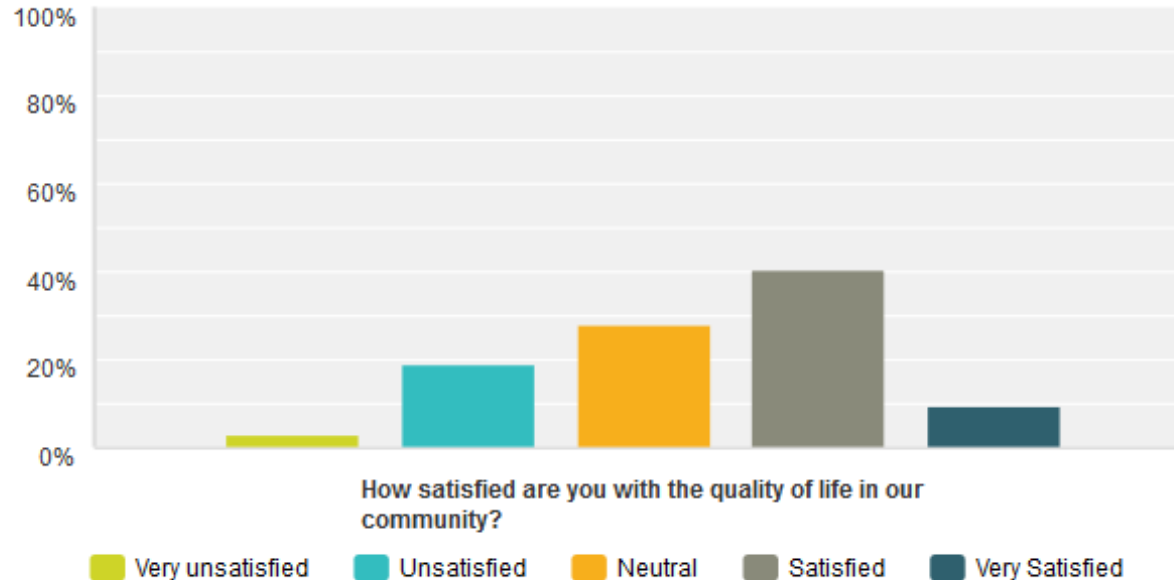


	Very Unhealthy	Unhealthy	Neutral	Healthy	Very Healthy	Total
How would you rate your own personal health?	1.37% 17	8.03% 100	21.37% 266	55.58% 692	13.65% 170	1,245

## Assessment #1: Community Health Status

### Manatee County Community Health Survey

*How satisfied are you with the quality of life in our community?*



	Very unsatisfied	Unsatisfied	Neutral	Satisfied	Very Satisfied	Total
How satisfied are you with the quality of life in our community?	2.75% 35	19.18% 244	28.07% 357	40.72% 518	9.28% 118	1,272

**Open-Ended Question: *What do you think are the most important changes needed to achieve a healthy community in Manatee County?***



### Community Health System Assessment

#### •**Secondary Data:**

- Death rate for Manatee Blacks higher than state average (vs. White rate lower than state average)
- Increasing rates of death caused by: unintentional poisoning, suicide, kidney disease, and homicide.
- Increased incidence of following communicable diseases from 2010-2014: Chlamydia, Gonorrhea, HIV, Pertussis.
- Mental Health/Substance Use: higher rates of smoking among Manatee Adults compared to FL, higher number of youth using e-cigs compared to FL
- Environmental health: unfavorable indicators for pedestrian deaths, heat-related ER visits, youth asthma attacks
- SES: 43% Households struggling
- More adults in Manatee County could not see a doctor due to cost compared to FL

#### •**Survey Data:**

- Top problems identified: Drug abuse/overdose, mental health problems, aging problems, heart disease and stroke, and child abuse and neglect.

### Forces of Change Assessment

- Education** is needed on health behaviors and on the availability of a wide variety of healthcare services
- Expansion/Urbanization** in communities and faith-based developments allows for opportunities to create healthy communities and culture but can lead to elimination of farmland and insufficient health care personnel after expansion
- Healthcare Resources** are available for diversity of physical and mental health needs.
- Healthy Behavior** like exercise and diet, should be a focus
- Homelessness** programs need to be reliably funded and constantly reviewed for improvement
- Mental Health** diagnosis, treatment, and funding is needed to improve mental health
- Technology** is rapidly changing access to information and communication related to health and health care resources
- Transportation** can affect access to healthcare for some residents

### Community Themes and Strengths Assessment

#### •**THEMES**

- Education
- Access to healthcare
- Mental health
- Homelessness
- Violence
- Teen Pregnancy
- Preventative education/healthcare
- Nutrition and Obesity

#### •**STRENGTHS**

- Engagement and collaboration between community partners
- Role of local government in Healthcare
- Non-profit agencies and organizations provide healthcare services to the community
- Faith-Based organizations provide services to underserved communities
- Access to information through the Health Information Exchange (HIE)
- Outreach efforts

### Local Public Health System Assessment

- The 5 lowest rated Essential Services domains:
- Research/Innovations
- Evaluate Services
- Link to Health Services
- Assure Workforce
- Mobilize Partnerships