



# COMMUNITY HEALTH NEEDS ASSESSMENT

2019

**BAYCARE HEALTH SYSTEM**

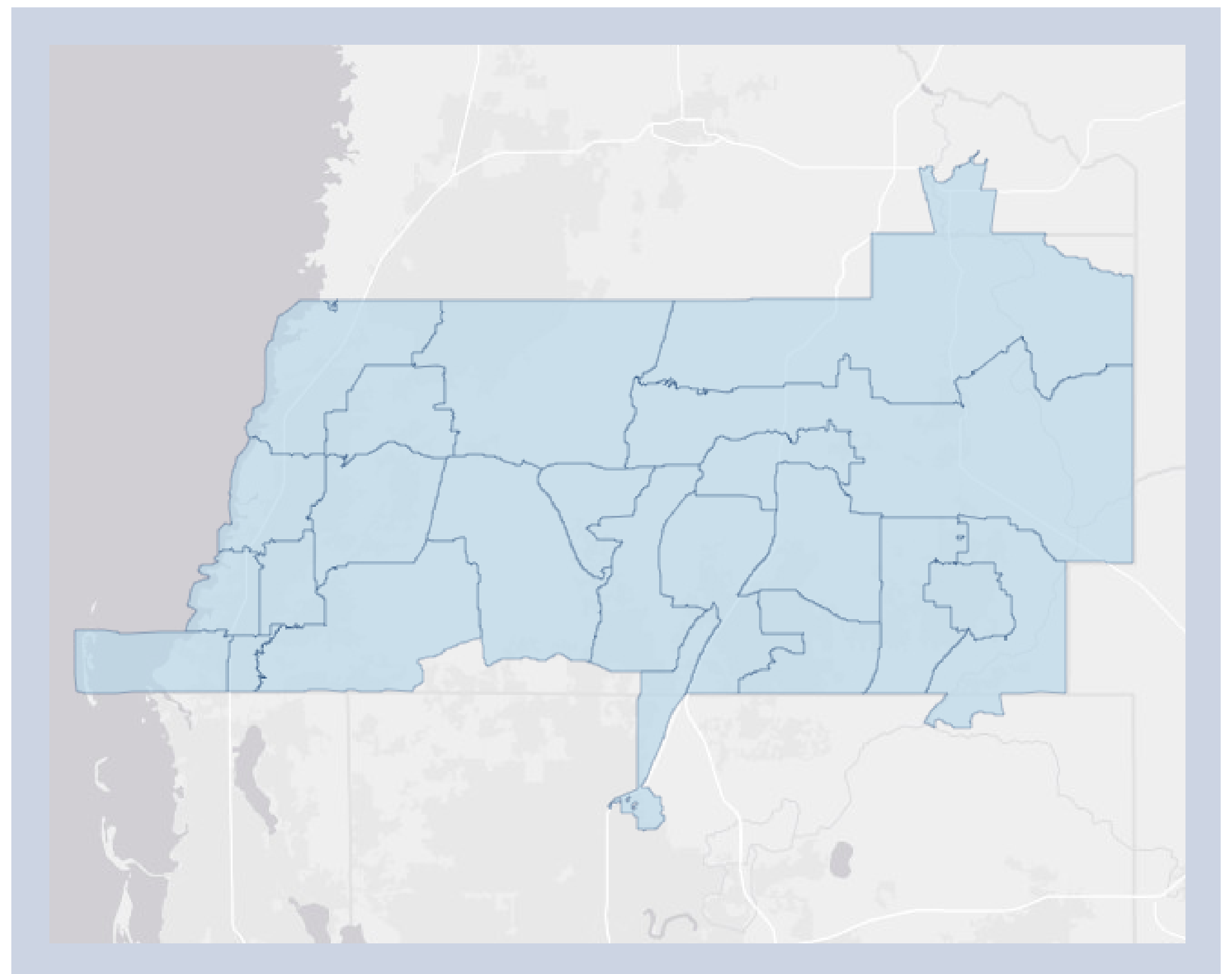
MORTON PLANT NORTH BAY HOSPITAL

PASCO COUNTY

# PURPOSE

Morton Plant North Bay Hospital is pleased to present the 2019 Community Health Needs Assessment (CHNA). This CHNA report provides an overview of the process and methods used to identify and prioritize significant health needs across the Morton Plant North Bay Hospital service area, as federally required by the Affordable Care Act. BayCare Health System partnered with Conduent Healthy Communities Institute (HCI) to conduct the CHNA for each of the 15 hospital facilities across a four-county region. The purpose of this CHNA is to offer a comprehensive understanding of the health needs in Morton Plant North Bay Hospital's service area and guide the hospital's planning efforts to address those needs. Findings from this report will be used to identify and develop efforts to improve the health and quality of life of residents in the community.

## PASCO COUNTY



# SCOPE

This main portion of this report covers the population and geographic area for Morton Plant North Bay Hospital's primary service area (PSA) of Pasco County. This report covers the population and geographic hospital service area of Pasco County. Special attention has been given to the needs of vulnerable populations, unmet health needs or gaps in services and input from the community. Pasco County (<https://www.pascocountyfl.net/>) covers a geographic area of 868 square miles of which 14% is water. Pasco County includes parks and trails along rivers, the Gulf of Mexico, lakes, highway, and railroad right of ways. West Pasco includes retirement areas, commercial fishing, and a portion of the suburbs of Tampa. The 2018 U.S. Census recorded 539,630 people living in Pasco County.

Morton Plant North Bay Hospital's secondary service area (SSA) is Hillsborough County and the tertiary service area (TSA) is Pinellas County. The results from the regional community assessment also included the data collected from Hillsborough County and Pinellas County. The summary of the Hillsborough County and Pinellas County findings can be found in the Appendices Section.

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# Acknowledgements

The development of the Morton Plant North Bay Hospital – Pasco County CHNA report was a collective effort that included hospital leadership, community benefit leadership, the Florida Department of Health, other not-for-profit hospitals, community-serving organizations, and community members from the areas surrounding our hospital that share our commitment to improve health and quality of life. The 2019 CHNA planning effort was the first time that all of these entities worked together on the CHNA process to develop a single shared strategy to collect data that helped us identify, prioritize, and address community health needs. This was an integral step to ensuring we are able to understand the needs of our community and develop programs and services that will positively impact the health and well-being of those we serve.

## Hospital Leadership

**Brandon May**, President  
Morton Plant North Bay Hospital

## Community Benefit Leadership and Team

**Keri Eisenbeis**, Vice President of Government and Community Relations  
**Lisa Bell**, Community Benefit Manager  
**Chance Martinez-Colon**, Community Outreach Coordinator-Pasco County  
**Julia C. Neely**, Community Outreach Coordinator-Pinellas County  
**Vasthi Ciceron**, Community Outreach Coordinator-Hillsborough County  
**Holly Vida**, Manager of Operations-Polk County  
**Leah Millette**, Community Benefit Coordinator  
**Colleen Mangan**, Community Benefit Data Analyst  
**Rosely Marmolejos**, Community Benefit Department Secretary

## Collaborating Organizations

Advent Health (Florida Hospital)  
Florida Department of Health in Pasco County  
Moffitt Cancer Center

BayCare Health System commissioned Conduent Healthy Communities Institute (HCI) to support data collection, data analysis, and report preparation for its 2019 Community Health Needs Assessment. HCI works with clients across the nation to drive community health outcomes by assessing needs, developing focused strategies, identifying appropriate intervention programs, establishing monitoring systems, and implementing performance evaluation processes. To learn more about Conduent Healthy Communities Institute, please visit <https://www.conduent.com/community-population-health>. The following HCI team members were involved in the development of this report: Ashley Wendt, MPH – Public Health Consultant, Courtney Kaczmarzky, MPH – Public Health Consultant, Zack Flores – Project Coordinator, Caroline Cahill, MPH – Research Manager, and Liora Fiksel – Research Assistant.



## Executive Summary

BayCare Health System is the largest health care system in the Tampa Bay area and West Central Florida region. BayCare's mission is to improve the health of all they serve through community owned health care services that set the standard for high-quality, compassionate care. The values of BayCare are trust, respect, responsibility, excellence, and dignity and reflect a responsibility to achieve health care excellence for their communities. Morton Plant North Bay Hospital is part of BayCare's network of 15 not-for-profit hospitals in the region. Morton Plant North Bay Hospital is West Pasco County's only not-for-profit community hospital. The hospital is a 120-bed facility that provides highly technical and specialized care to the people of Pasco County. Some of the services provided at Morton Plant North Bay Hospital include, but is not limited to; Intensive Care, Outpatient Rehab, Cardiac Rehab, Case Management, Pastoral Care, Emergency Care, Financial Assistance Services, Orthopedics, Outpatient/Inpatient Surgery, Diagnostic Testing, and a Sleep Center. Additional services include Mitchell Rehabilitation Hospital, a 30-bed inpatient rehabilitation facility specializing in neurological and orthopedic rehabilitation; and Morton Plant North Bay Recovery Center, a 72-bed inpatient psychiatric unit that offers 24-hour nursing care for adults dealing with behavioral disorders and addictions.

## Letter from the President

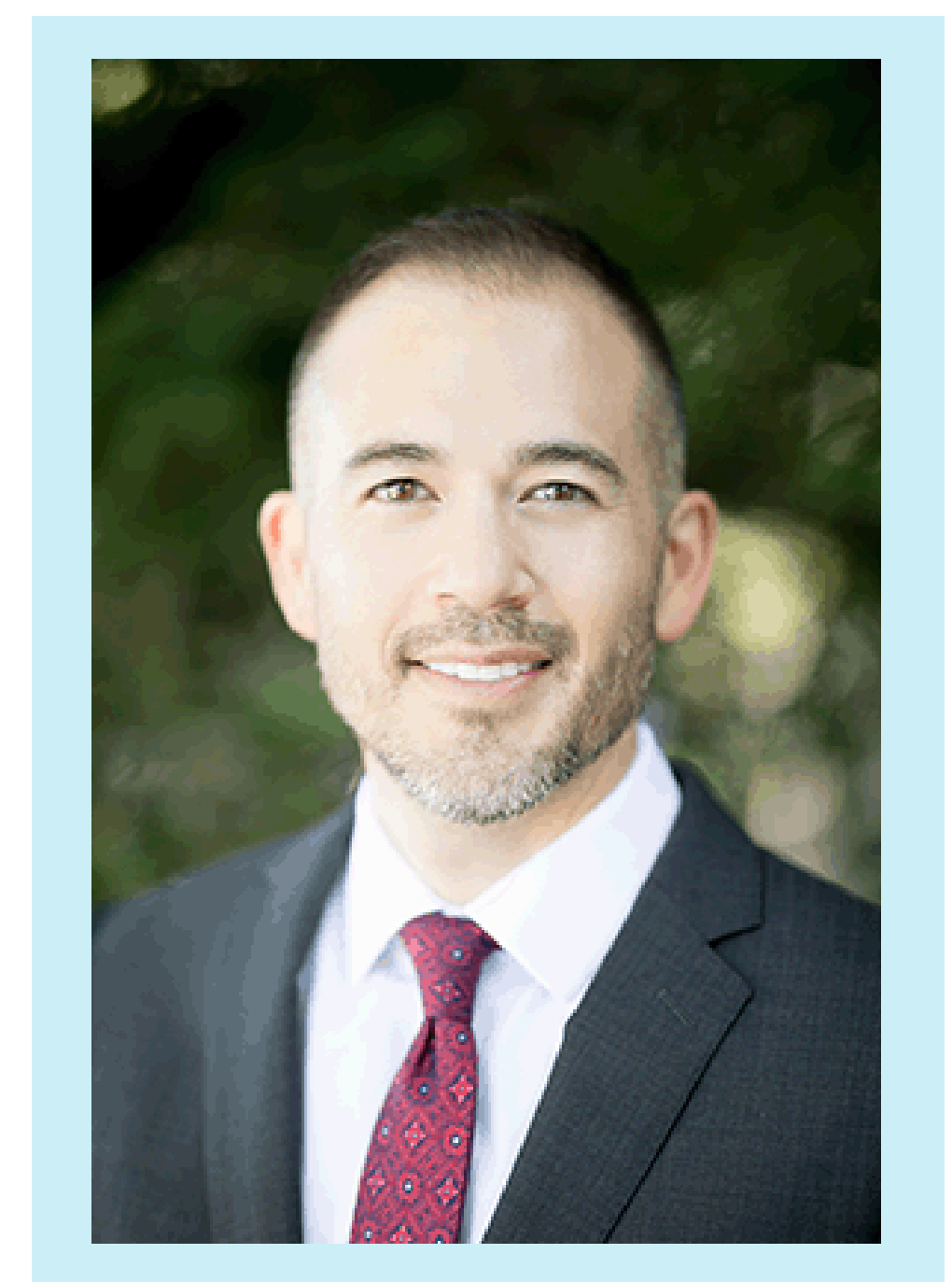
A Message from Brandon May,  
President of Morton Plant North Bay Hospital:

BayCare Health System is committed to improving the health of all communities we serve. Caring for those who need us most is a fundamental part of our mission.

In 2018, BayCare provided \$462 million in Community Benefit, including \$117 million in charity care, to assure high-quality, timely, and appropriate care to those who couldn't afford it. Every day, we are working hard to improve the health and well-being of our communities.

In 2019, Morton Plant North Bay Hospital worked together with the Florida Department of Health and other local not-for-profit hospital partners to conduct a Community Health Needs Assessment (CHNA). Together, our organizations developed a shared strategy to collect data that helped us identify, prioritize, and address emerging community health needs. Community needs were identified through available local, state, and national data, and most importantly, the assessment surveyed the voices of those we serve. We also engaged community leaders and key advocates through interviews, surveys, focus group listening sessions, and a video voice project. Morton Plant North Bay Hospital adopted an implementation plan to address those needs. The plan includes clinical services, education, and policy interventions that would span across the service area.

We encourage you to use this summary to gain a better understanding of our community's needs and to guide additional discussions with key decision-makers and leaders. To those who participated in our data collection efforts and prioritization exercise -- thank you for your invaluable contributions. We look forward to sharing the impact of the implementation plan and ongoing conversations with all stakeholders and residents of our communities.





## Impact Since Last CHNA

Within the most recent three-year Community Health Needs Assessment (CHNA) cycle, substantial progress was made in addressing the health needs identified and prioritized during the 2016-2019 CHNA. Of the activities implemented, the most notable are detailed below.

**Improve Access  
to Quality and  
Affordable  
Health Care**

**Expand access to affordable medications:** BayCare has developed and implemented a Medication Assistance Program (MAP). MAP is designed to assist patients and community members in finding available resources to help offset the cost of medication. To date, those savings to patients totals nearly \$547,000 across the four Morton Plant and Mease Hospitals.

**Increase access to Health services:** Morton Plant North Bay Hospital worked to improve access to health services among residents of Pasco County by providing grant funding for a full time Nurse Practitioner at The Good Samaritan Clinic in New Port Richey.

**Collaborate with community organizations to expand reach and impact of Navigator initiatives:** Navigators facilitate enrollment in marketplace and county plans or connect community members to free or low-cost services, as needed. For this current CHNA cycle, the Navigators for Morton Plant North Bay Hospital have assisted over 6,400 residents of Pasco County in navigating their health needs.

**Remove unused prescription drugs from the home:** BayCare implemented a drug deactivation project, designed to remove unused prescription drugs from the home to combat identified substance use/misuse needs. As a part of this project, Detera Drug Deactivation and Disposal kits were made publicly available and strategically deployed within the community.

**Expand access to behavioral health and substance abuse services:** Through providing Mental Health First Aid classes, Morton Plant North Bay Hospital focused on increasing community awareness to identify someone in mental health distress. Mental Health First Aid is an eight-hour course that gives people the skills to help someone who is developing a mental health problem or experiencing a mental health crisis.

In addition, Morton Plant North Bay Hospital placed a Behavioral Health Therapist in the hospital who meets with patients in their time of need, providing education and therapeutic support and helping the patient navigate the various avenues of Behavioral Health Services.

**Address  
Mental Health  
and Substance  
Abuse**

## Impact Since Last CHNA

### Chronic Disease Prevention and Early Intervention

**Diabetes:** In collaboration with community organizations, Morton Plant North Bay Hospital worked to identify those most in need with risk factors for diabetes or cardiovascular diseases, providing education, screenings, and referrals.

BayCare has implemented and funded a Diabetes Health Coach Model to address high-risk populations through partnerships with the area's Federally Qualified Health Centers and Free Clinics. The Health Coaches will identify high-risk patients, provide education, and ongoing case management to assure compliance and positive health outcomes.

**Respiratory Disease:** In order to address respiratory diseases and their causes, Morton Plant North Bay Hospital conducted community COPD screenings, coordinated lung disease support groups, and collaborated with the Area Health Education Center to offer free smoking cessation classes at the hospital.

## Community Feedback

The Morton Plant North Bay Hospital CHNA and Implementation Strategy were made available to the public via the website <https://baycare.org/about-us/community-health-needs>. In order to collect comments or feedback, a unique email was used:

CHNAFeedback@baycare.org. No comments had been received on the preceding CHNA via the email at the time this report was written.





# Methods

## Data

## Description

## Analysis

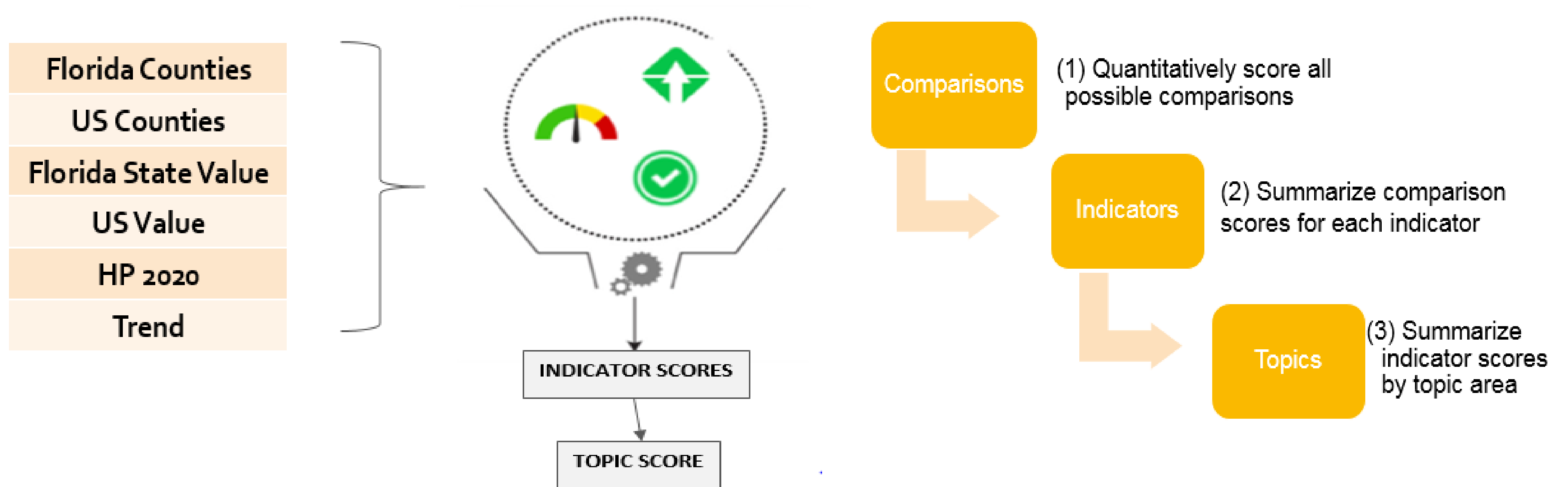


### Data Scoring

Data was collected from 27 secondary data sources (see full source list below). 141 demographic, social, economic, and health indicators were available for Pasco County.

- Each indicator is given a score at the county level, then compared to the Florida and U.S. values
- Indicators are rolled up into health and quality of life topic areas, then ranked
- See the Appendices Section for the full data scoring report and ranking

## Data Scoring Process



### DATA SOURCES\*

1. Centers for Medicare & Medicaid Services
2. Florida Behavioral Risk Factor Surveillance System
3. Florida Department of Health, Bureau of Vital Statistics
4. County Health Rankings
5. University of Miami (FL) Medical School, Florida Cancer Data System
6. American Community Survey
7. Florida Department of Education
8. Florida Department of Health, Bureau of STD Prevention & Control
9. Florida Youth Substance Abuse Survey
10. Florida Department of Health, Bureau of TB & Refugee Health
11. U.S. Department of Agriculture - Food Environment Atlas
12. Florida Department of Health, Bureau of Immunization
13. Florida Department of Children and Families
14. Florida Youth Tobacco Survey
15. Florida Department of Health, Bureau of Epidemiology Administration
16. Florida Department of Juvenile Justice
17. U.S. Environmental Protection Agency
18. Florida Department of Law Enforcement
19. Feeding America
20. Institute for Health Metrics and Evaluation
21. Florida Department of Health, Bureau of HIV/AIDS
22. American Lung Association
23. National Center for Education Statistics
24. Florida Department of State
25. Centers for Disease Control and Prevention
26. Florida Agency for Health Care Administration
27. U.S. Bureau of Labor Statistics

\* The secondary data was originally analyzed and scored in April 2019 using the available data at that time. Since the prioritization session, some of the state and national data sources have been updated. Where possible, the most recent data and data scores are reflected in this report -- as of September 2019.



# Methods

## Data

## Description

## Analysis



### Community Survey

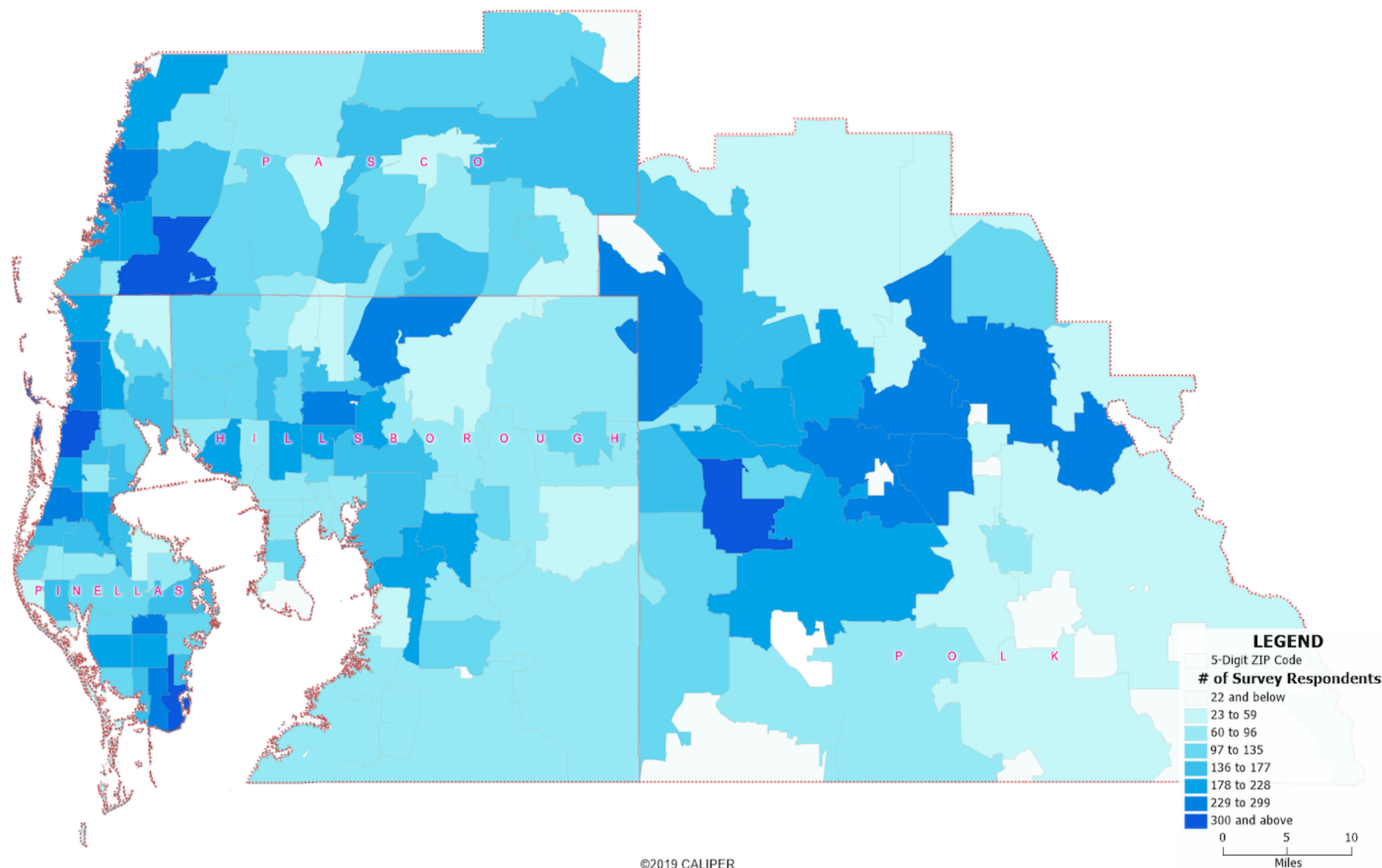
The Pasco County Community Survey consisted of 71 health and well-being focused questions (see Appendices Section). 3,038 residents of Pasco County completed a Community Survey. The survey was distributed as a web link and as a paper copy in English and Spanish. The survey was made available to the community from February to early May 2019.

Survey participation was comparable to the demographic profile of Pasco County. Survey Respondents were:

- 78.9% Female
- 85.2% White
- 19% were ages 18-34, 65% were ages 35-64, 16% were 65+
- 14.6% Hispanic or Latino

Significant community issues identified by Survey Respondents were:

- Mental Health
- Being Overweight
- Domestic Violence/Rape/Sexual Assault
- Heart Disease & Stroke
- Substance Abuse
- Distracted Driving



In total, 19,620 people responded to the community survey across Hillsborough County, Pasco County, Pinellas County, and Polk County. The responses to the questions for all four county surveys were combined using statistical processing software and sorted by respondents' county of residence. The map above shows where the highest concentration of Survey Respondents live according to their self-reported zip code. The survey results in this report reflect the results of this data analysis for the residents of Pasco County.



# Methods

## Data

## Description

## Analysis

### Key Informants



Key Informant Interviews (KII's) were conducted in early 2019 and involved 55 community members, representing over 50 community organizations (listed below). KII's were conducted with individuals who have a fundamental understanding of public health and represent the broad interests of the community. A questionnaire (see Appendices Section) was distributed to individuals identified by the community collaborative as experts in their field with specific knowledge of community needs and vulnerable populations.

- Of the 55 Key Informant Interview participants, 58% worked for organizations providing services directly in Pasco County
- Interview text was analyzed using the web-based qualitative data analysis tool, Dedoose\*
- Excerpts were coded by relevant topic areas and key health themes
- The frequency with which a health topic was discussed was used to determine the most pressing health needs of the community, which included: Mental Health & Mental Disorders, Substance Abuse, Exercise, Nutrition, & Weight, Oral Health, and Access to Health Care

Advent Health Wesley Chapel  
 Agency for Persons with Disabilities  
 Alpha UMi Inc.  
 Area Agency on Aging of Pasco-Pinellas  
 Atria Senior Living  
 Bay Area Legal Services  
 CARES Florida  
 Central Florida Behavioral Health Network, Inc.  
 Citizens Alliance for Progress  
 Clearwater Free Clinic  
 Community Dental Clinic  
 Drug Abuse Comprehensive Coordinating Office (DACCO)  
 Florida Department of Health - Pinellas  
 Early Learning Coalition of Pasco and Hernando Counties, Inc.  
 Feeding America Tampa Bay  
 Florida Department of Health – Hillsborough  
 Florida Department of Health – Pasco  
 Florida Trans Proud  
 Florida Voices for Health  
 Forward Pinellas  
 Good Samaritan Health Clinic of Pasco, Inc.  
 Gracepoint  
 Gulf Coast Jewish Family and Community Services  
 Hillsborough County Public Schools

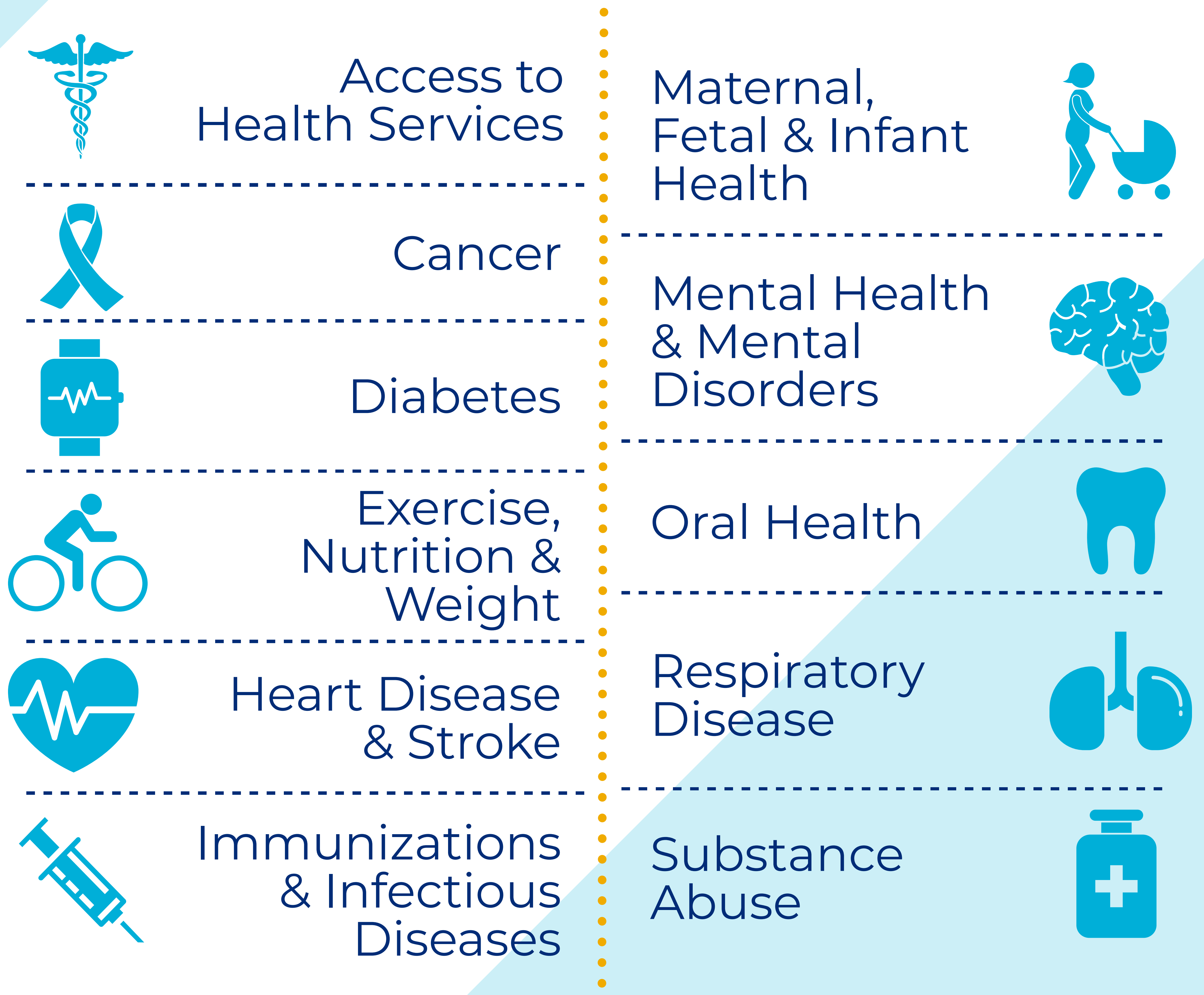
Healthy Planet, Healthy People  
 Healthy Start Coalition of Hillsborough County, Inc.  
 Hillsborough Area Regional Transit (HART)  
 Hillsborough County Sheriff's Office  
 Homeless Leadership Board  
 Johns Hopkins All Children's Hospital  
 Pasco County Board of County Commission  
 Pasco County Fire Rescue (EMS)  
 Pasco County Housing Authority  
 Pasco Kids First  
 Premier Community Healthcare Group  
 Project LINK, Inc  
 REACHUP, Inc.  
 Rice  
 St Petersburg Free Clinic  
 Tampa General Hospital  
 Tarpon Springs Rotary Club  
 Tarpon Springs Shepherd Center  
 Thrive by Five Pinellas  
 University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) - Family Nutrition Program  
 UF/IFAS - Hillsborough County Extension  
 UF/IFAS - Pasco County Extension  
 United Way of Pasco County  
 University Area CDC  
 YMCA of Greater St. Petersburg

\*Dedoose Version 6.0.24, web application for managing, analyzing, and presenting qualitative and mixed method research data (2015). Los Angeles, CA: SocioCultural Research Consultants, LLC (www.dedoose.com).



# Data Synthesis

All forms of data have their own strengths and limitations. Each data source was evaluated based on these strengths and limitations during data synthesis and should be kept in mind when reviewing this report. Within each health topic there is a varying scope and depth of quantitative data indicators and qualitative findings. For both quantitative and qualitative data, immense efforts were made to include as wide a range of secondary data indicators, Key Informant experts, and Community Survey Respondents as possible. In order to gain a comprehensive understanding of the significant health needs for the Pasco County service area, the findings from all three data sets were compared and studied simultaneously. The secondary data scores, interviews, and the community survey were treated as three separate sources of data and considered equally important in understanding the health issues of the community. The top health needs identified from each data source were analyzed for areas of overlap with the other data sources. Eleven health issues were identified as significant health needs across all three data sources and were used for further prioritization.





# Prioritization Process

On July 30, 2019, participants from collaborating organizations as well as other community members came together to prioritize the significant health issues in their community. In order to better target community issues regarding the most pressing health needs in Pasco County, a half-day session was held to prioritize significant health topics. Session participants were asked to consider the following prioritization criteria to determine from the list of eleven health topics which topics were most important:

## Scope and Severity of the Health Issue

## Organizational Ability to Make an Impact

Number of people impacted by the issue

High risk or rate of morbidity and mortality

The community, including vulnerable groups, perceive the issue to be high need

Alignment with strengths and mission

Opportunity for collaborative partnership

Existing resources and programs to address the issue

Almost 120 individuals\* attended the Pasco County Prioritization Session, representing a broad cross section of experts and organization leaders with an extensive knowledge of the health needs in the community. In addition to health care providers and local government agencies, including the health department, many organizations were present that deliver services to and represent members of medically under-served, low-income, and minority populations.

### Community Based Organizations and Collaboratives

- Area Health Education Center (AHEC)
- Alzheimer's Association
- Baldomero Lopez State Veterans' Nursing Home
- Pasco County Commission on Human Trafficking
- Boys & Girls Clubs of Tampa Bay
- Chrysalis Health
- Coalition for the Homeless of Pasco County
- Colonial Hills Civic Association
- Community Services | Human Services
- Connect4 Executive Connections LLC
- Early Learning Coalition of Pasco and Hernando Counties, Inc.
- Farmworkers Self-Help
- Feeding Tampa Bay
- Florida Trans Proud
- Gulf Coast Jewish Family and Community Services
- Health Council of West Central Florida
- Healthy Start Coalition of Pasco
- NAACP
- Operation PAR, Inc.
- Pasco Kids First
- Suncoast Health Council, Inc.
- Tampa Bay Healthcare Collaborative
- United Way of Pasco
- WellFlorida Council

### Higher Education

- Pasco-Hernando State College
- University of Florida, Institute of Food and Agricultural Sciences Extension
- University of South Florida

### Faith Organizations

- Metropolitan Ministries

### Local Industry

- Business Enhancement Strategies LLC

### Health Plans

- WellCare

### Health Care Delivery

- AdventHealth
- BayCare Health System
- Bartow Regional Medical Center
- CARES Senior Health Clinic
- Good Samaritan Health Clinic
- John's Hopkins All Children's Hospital
- Moffitt Cancer Center
- North Bay Hospital
- Pioneer Medical Foundation
- Premier Community Healthcare
- Tampa General Hospital

### Government

- Department of Children and Families
- Department of Health - Pasco County
- Department of Health - Hillsborough County
- Florida House of Representatives
- Pasco County Housing Authority
- Pasco County Schools
- Pasco Sheriff's Office
- Public Defender's Office

\* The full list of attendees is included as an attachment in the Appendices Section at the end of this report.



# Prioritization Process

The Prioritization Session included a data presentation highlighting primary and secondary data findings for the eleven significant health issues and focus groups to further discuss relevant demographic and health outcomes data. Finally, a group ranking process was conducted to determine the most pressing health needs. Participants submitted their thoughts in real-time during the session to create a visual representation of the discussion (below). The more common submitted words or phrases are shown larger in the word cloud.



Participants ranked each of the health categories individually using the dual criteria of scope and severity and ability to impact. Criteria scores were then combined to generate an overall ranking of health needs. After further consideration, it was decided to combine the categories of Mental Health & Mental Disorders and Substance Abuse into the singular category of Behavioral Health. Thus, the final three top health priorities for Pasco County are:



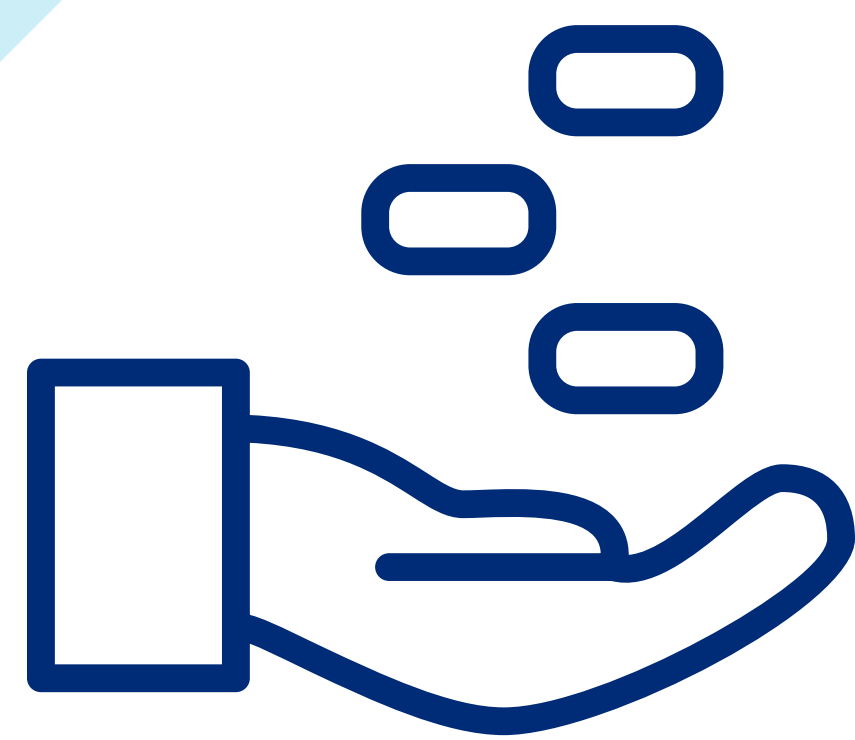
The three health topics will be broken down in further detail below in order to understand how findings in the primary and secondary data led to each issue becoming a high priority need area. The health topics are presented in the order they were ranked during the Prioritization Session.



# Demographics

The following data points illustrate the composition of the Pasco County community, which informed the assessment of need. The data sources used in this section come from the American Community Survey\* unless otherwise noted.

Median Household Income: \$48,289



22.7%

People 25+ with a Bachelor's Degree or Higher



13.6%  
People Living Below the Poverty Level

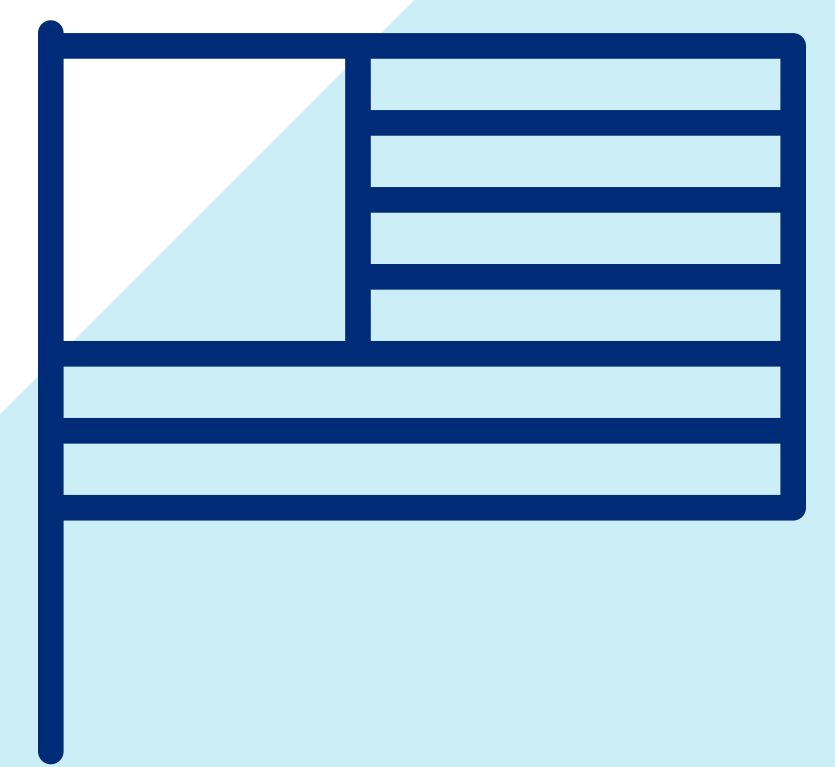


3.9%  
of the Civilian Labor Force is Unemployed\*\*

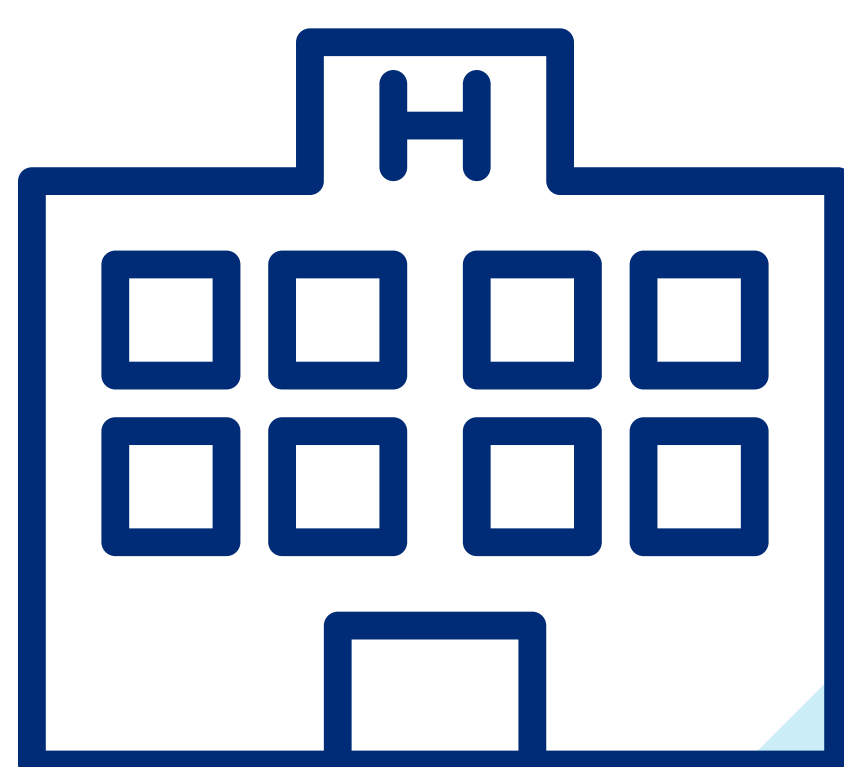


Median Household Gross Rent: \$971

11.7%  
Veteran Population



80.8%  
Adults with Health Insurance



Mean Travel Time to Work: 31.6 minutes

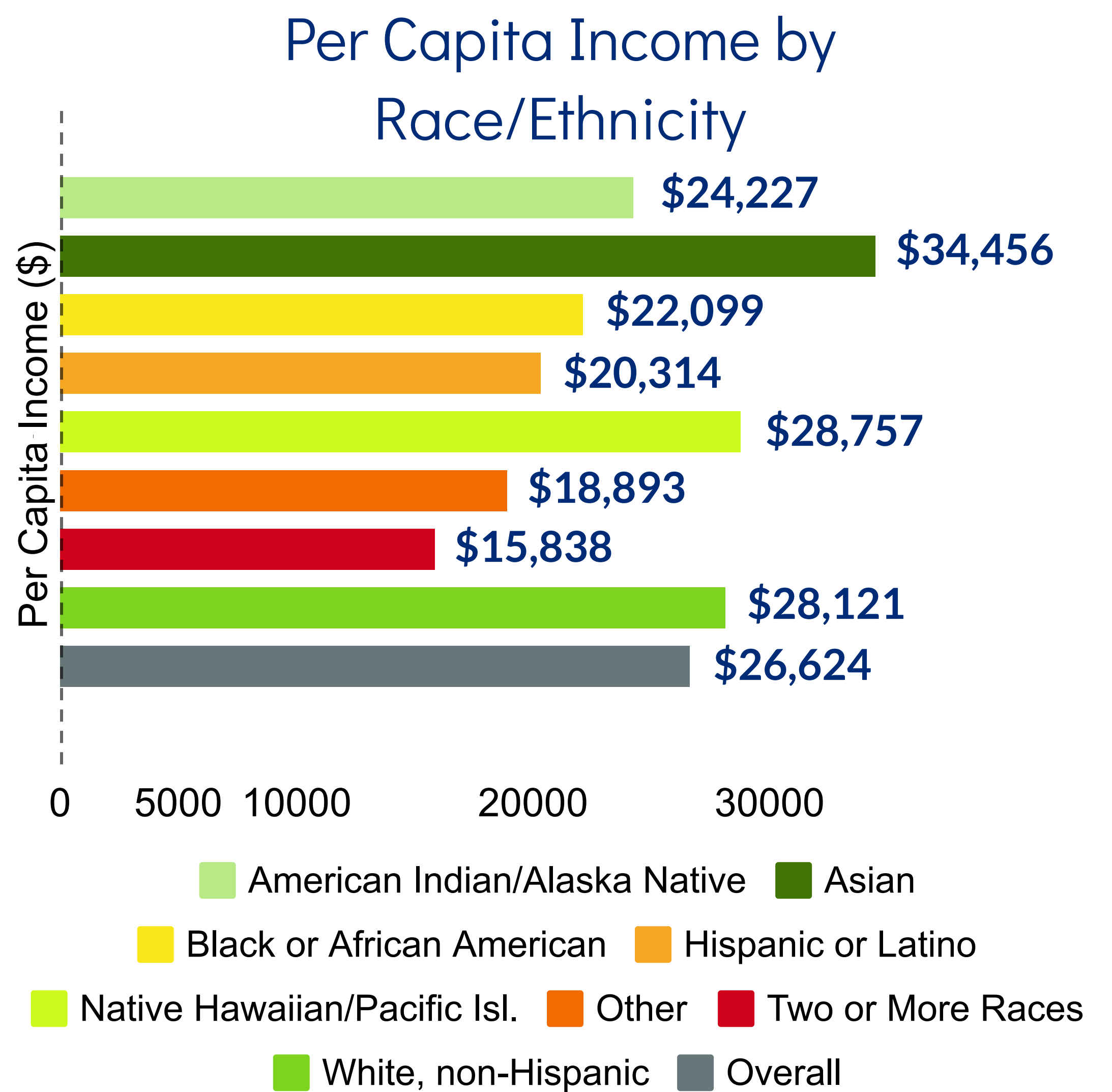
\* American Community Survey, 2017  
\*\* U.S. Bureau of Labor Statistics, 2019



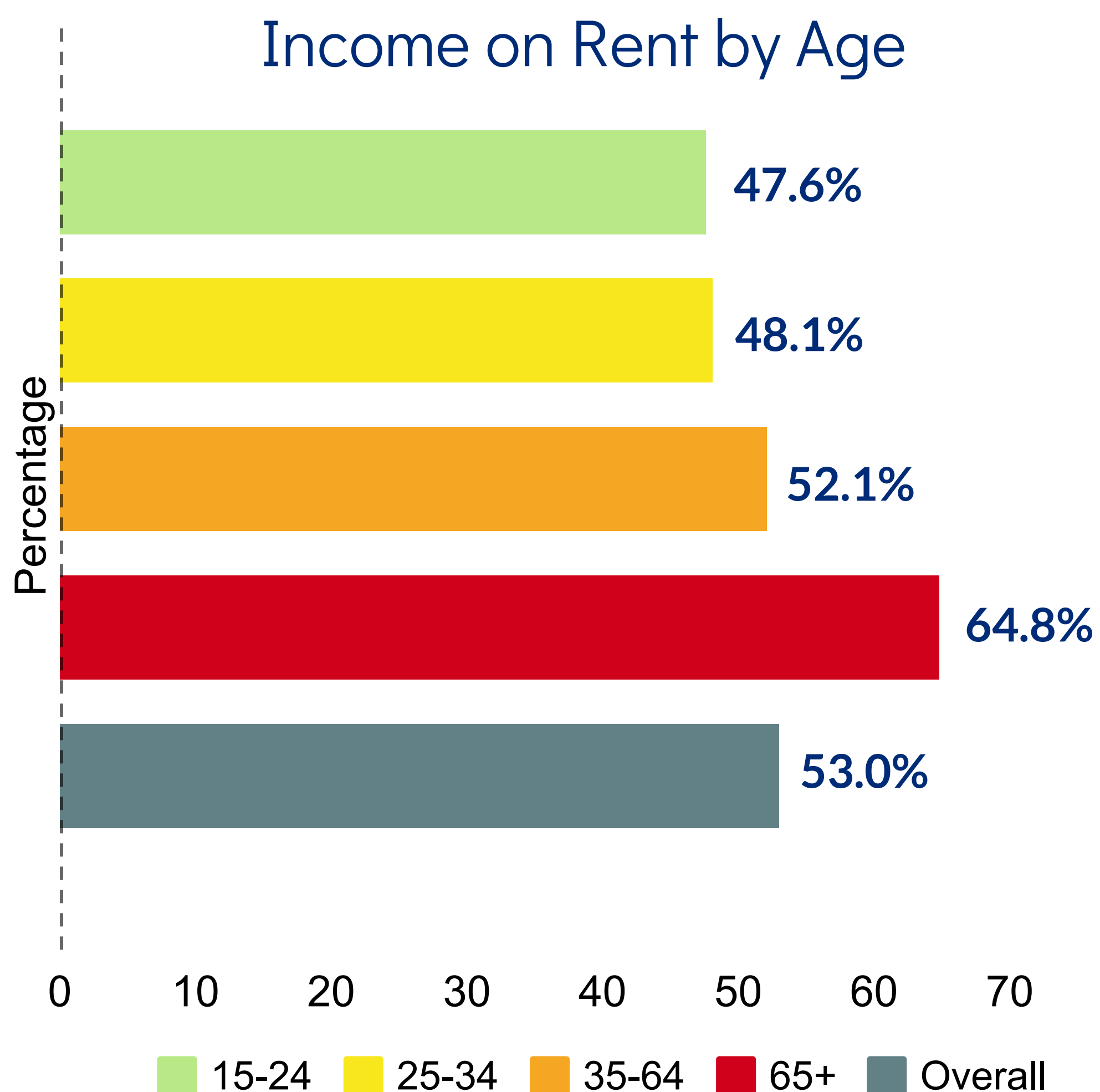


## Investigating Disparities

Demographics were further broken down by race/ethnicity, gender, and age to identify groups of individuals that may be impacted greater by factors such as financial burden, education attainment, and transportation. These social determinants of health impact one's ability to attain overall health. In Pasco County, the population that identifies as 'two or more races' has the lowest per capita income (\$15,838) when compared to other race/ethnic groups. Residents who selected 'other' race/ethnicity have the next lowest per capita income (\$18,893). Both groups' incomes are well below the overall median income in the community.



### Renters spending 30% or More of Income on Rent by Age

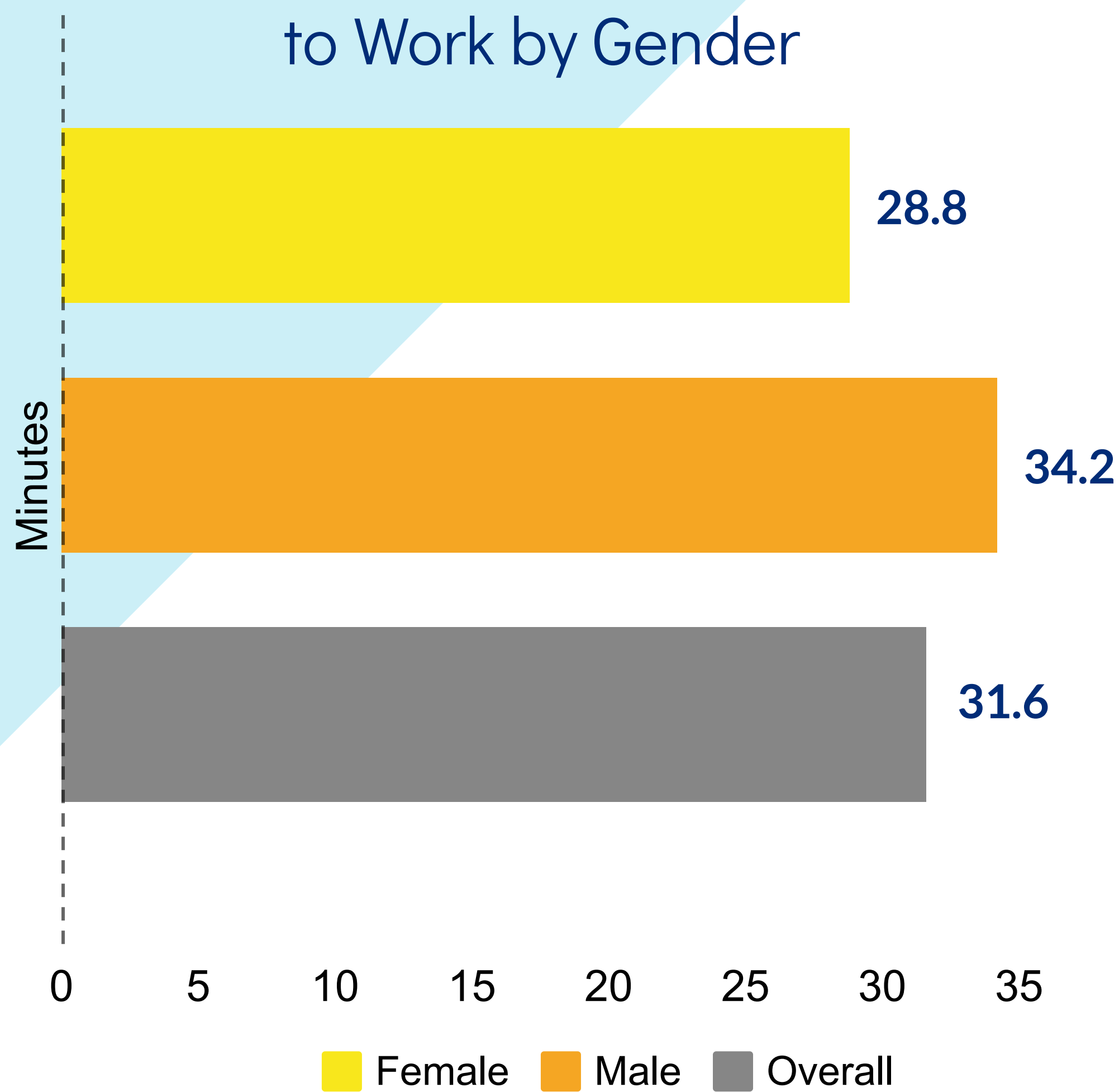


Spending a high proportion of monthly income on rent can create financial hardship. With a limited income, paying a high rent may not leave enough money for other expenses, such as food, transportation, and medical care. Community members who are over 65 are at the highest risk of financial burden due to rent when compared to other age groups. Overall, about half of the renters in the community are spending 30% or more of their income on rent. Pasco residents under the age of 24 are the most likely to live below the poverty level when compared to other age groups.



## Investigating Disparities

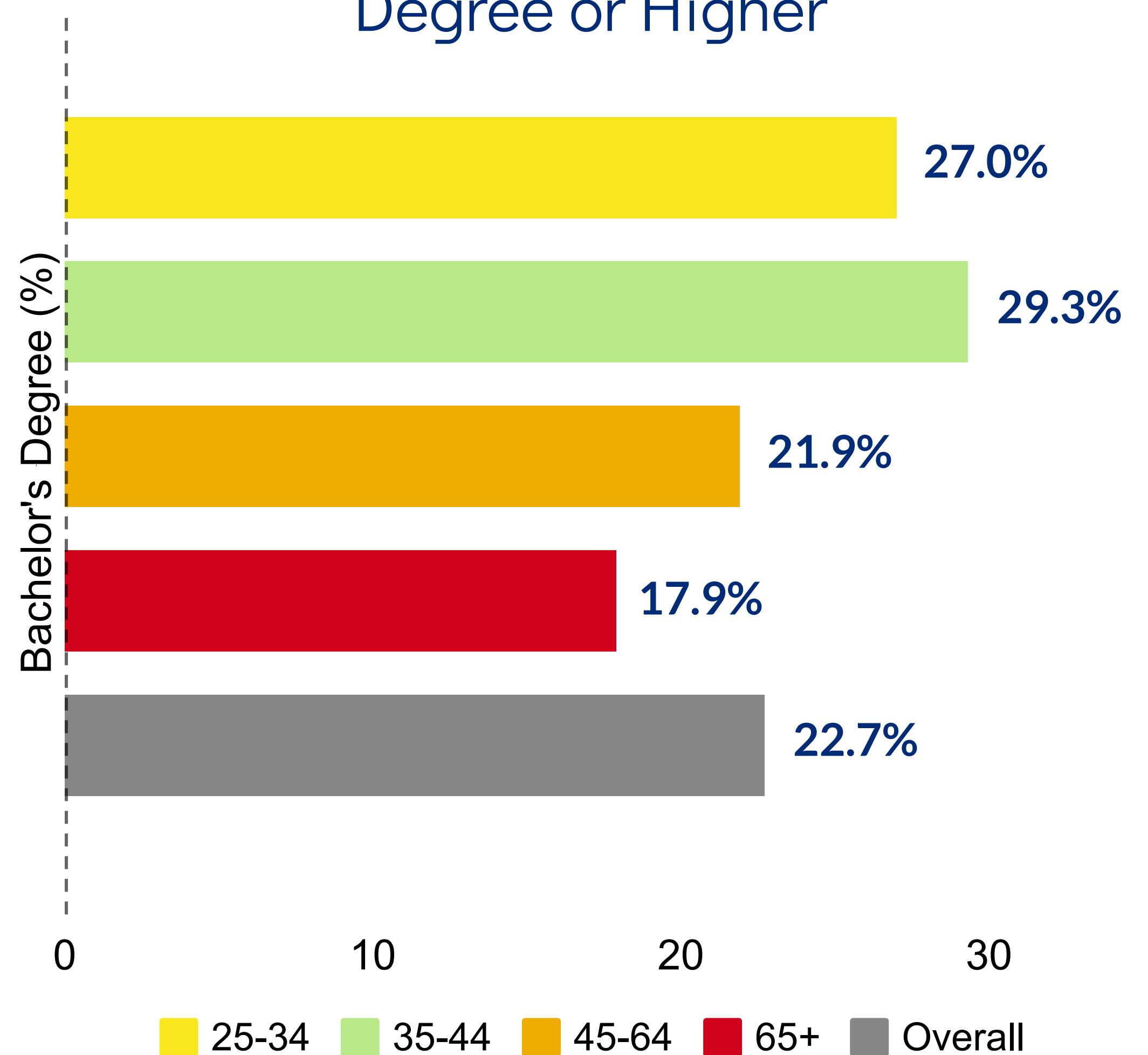
Mean Travel Time to Work by Gender



Lengthy commutes cut into workers' free time and can contribute to health problems such as headaches, anxiety, and increased blood pressure. Longer commutes require workers to consume more fuel, which is both expensive for workers and damaging to the environment. Travel time to work is steadily increasing over time for the overall population in Pasco County (workers over the age of 16). Commute times for the male population are higher than the female population.

Higher education attainment is linked to overall lifetime earnings. According to the Bureau of Labor Statistics, educational attainment is by far the most important social characteristic for predicting earnings over one's lifetime. In Pasco County, residents over the age of 65 are the least likely group to hold a bachelor's degree (17.9%) followed by residents between the ages of 45 and 64 (21.9%). Residents under the age of 44 are more likely to hold a Bachelor's Degree or Higher than the overall population. Additional disparity data related to health topics are highlighted throughout the report and designated with the magnifying glass symbol.

People 25+ with a Bachelor's Degree or Higher

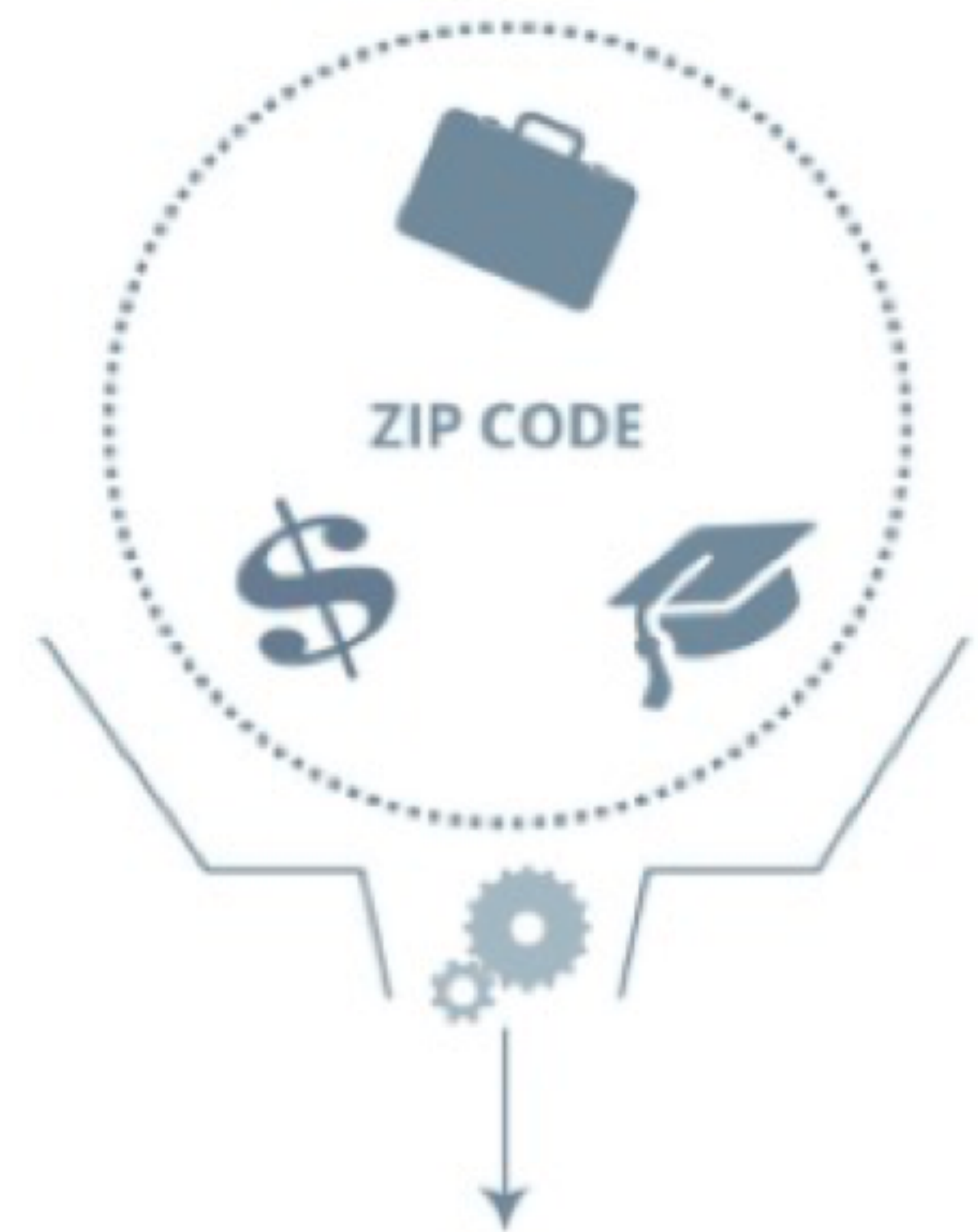
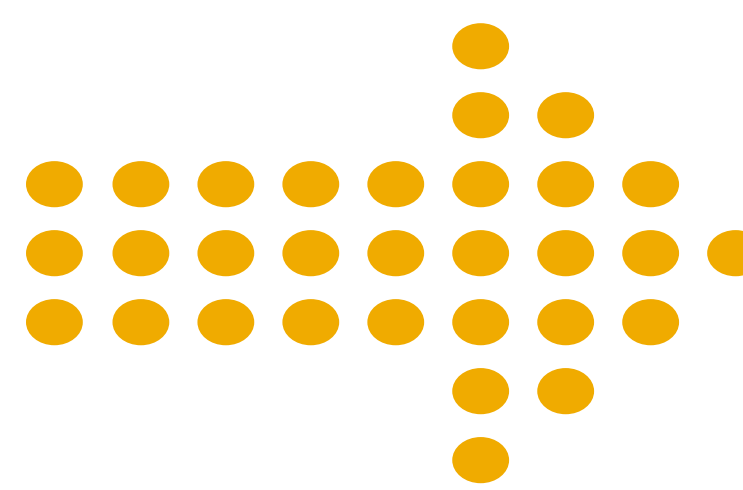




# SocioNeeds Index

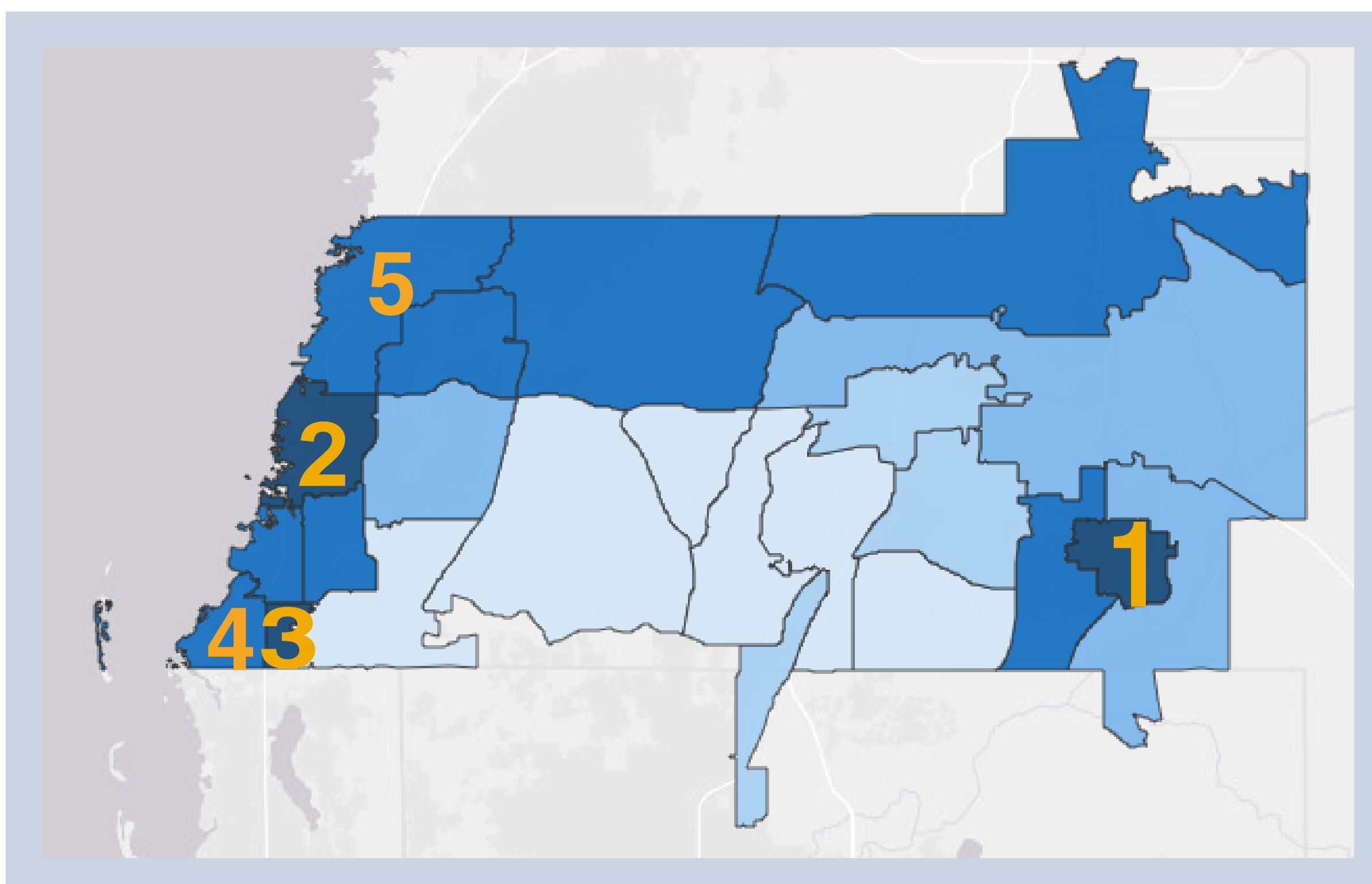
This HCI SocioNeeds Index incorporates estimates for six different social and economic determinants of health that are associated with poor health outcomes. The indicators are standardized and averaged to create one composite index value for each zip code. Zip codes with higher values are estimated to have higher socioeconomic need, which is correlated with poorer health. Highest Need Zip Codes: The darker the color of region, the higher the need. The index value is ranked from 0-100 with 100 being the highest level of need. The index value (IV) helps identify specific zip codes that may benefit from additional support and targeted services in implementation planning.

- Poverty
- Economy
- Education
- Language
- Income
- Occupation



## Index Value

There are 23 zip codes in Pasco County. Of those, three are considered high need and indicated in the darkest blue. The zip codes with the highest IV scores are listed below and labeled on the county map (left).



1. Zip Code 33542: 85.7 IV

2. Zip Code 34668: 85.3 IV

3. Zip Code 34690: 82.5 IV

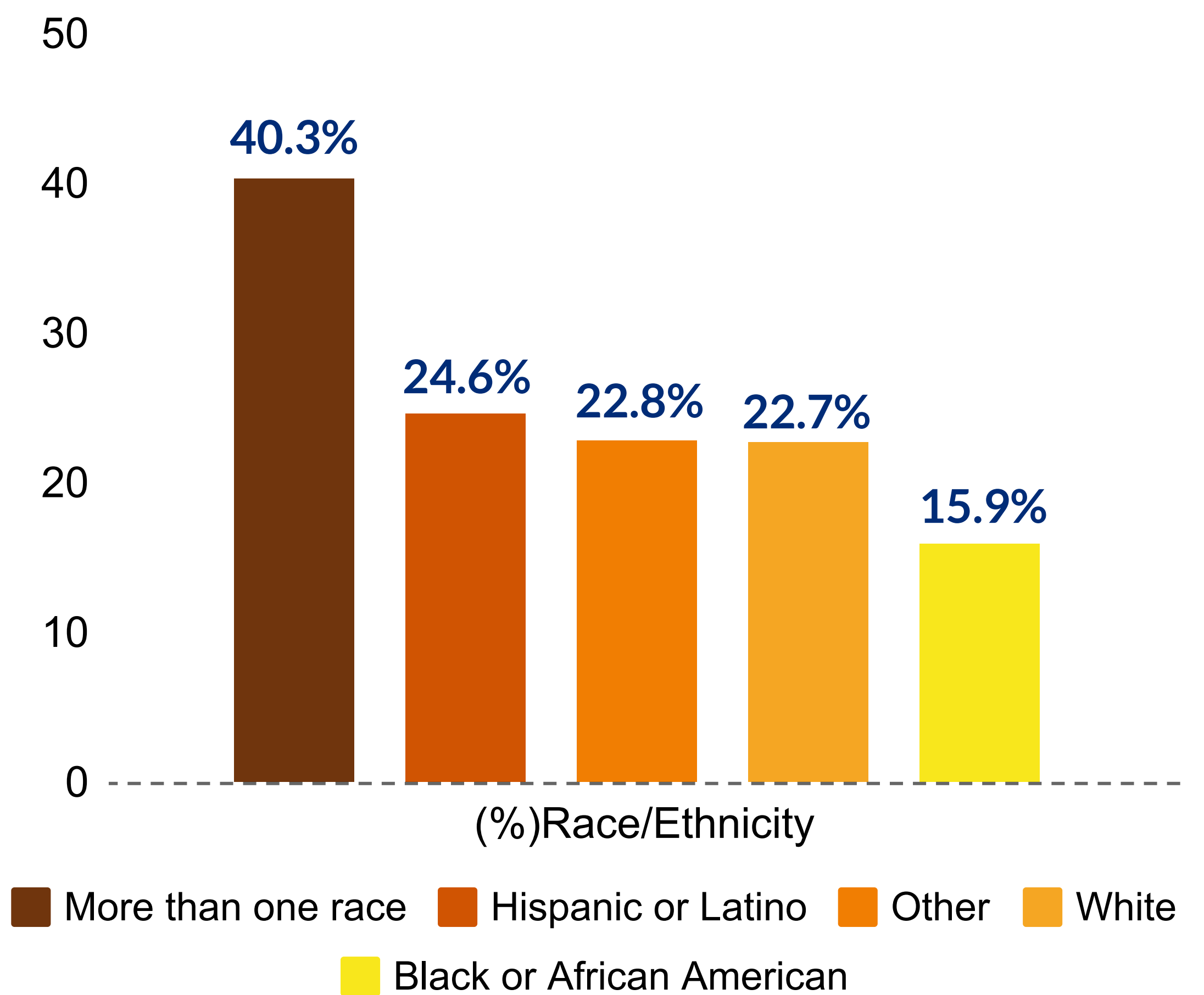
4. Zip Code 34691: 75.9 IV

5. Zip Code 34667: 75.0 IV

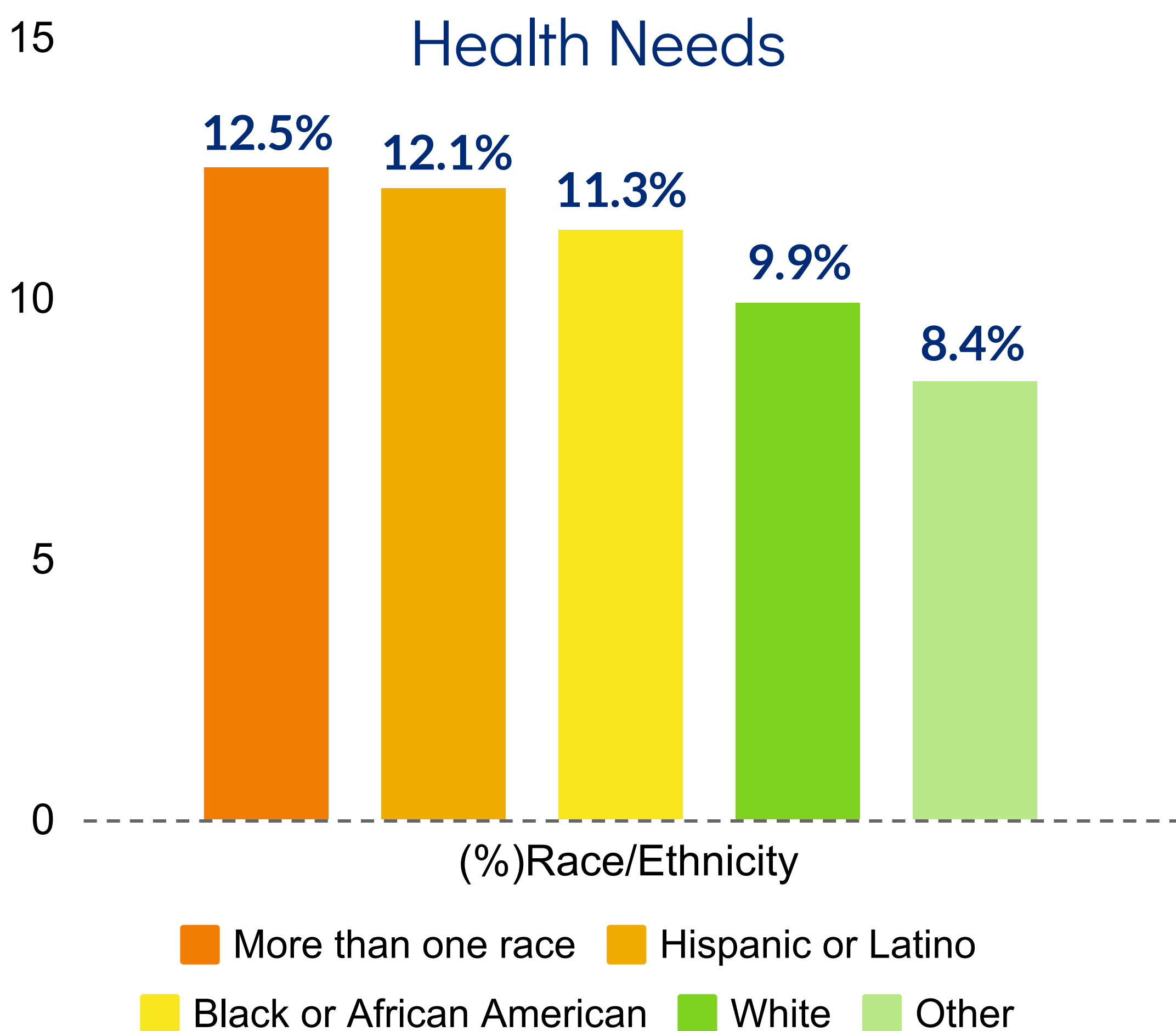
## Opportunities for Impact

When possible, data from the Community Survey was also analyzed by demographic factors to help identify vulnerable groups that may have higher health needs than others in Pasco County. This data was used to support the prioritization process and provides additional community context to consider alongside the secondary data. Opportunities for impact appear in the subsequent sections with a flashlight symbol, when a group in the survey reported a higher percentage of need or of a health issue compared to other groups\*. It is important to note that not all differences have been included in this report, as the report focuses primarily on the prioritized health topics.

Adults Who Have Unmet Health Needs



Children Who Have Unmet Health Needs



Survey Respondents were asked whether they had received the medical care that they needed in the past 12 months. The adult survey population across race/ethnic groups showed similar levels of need (see above), except for respondents who identified as 'more than one race' and reported higher need than other groups (40.3%).

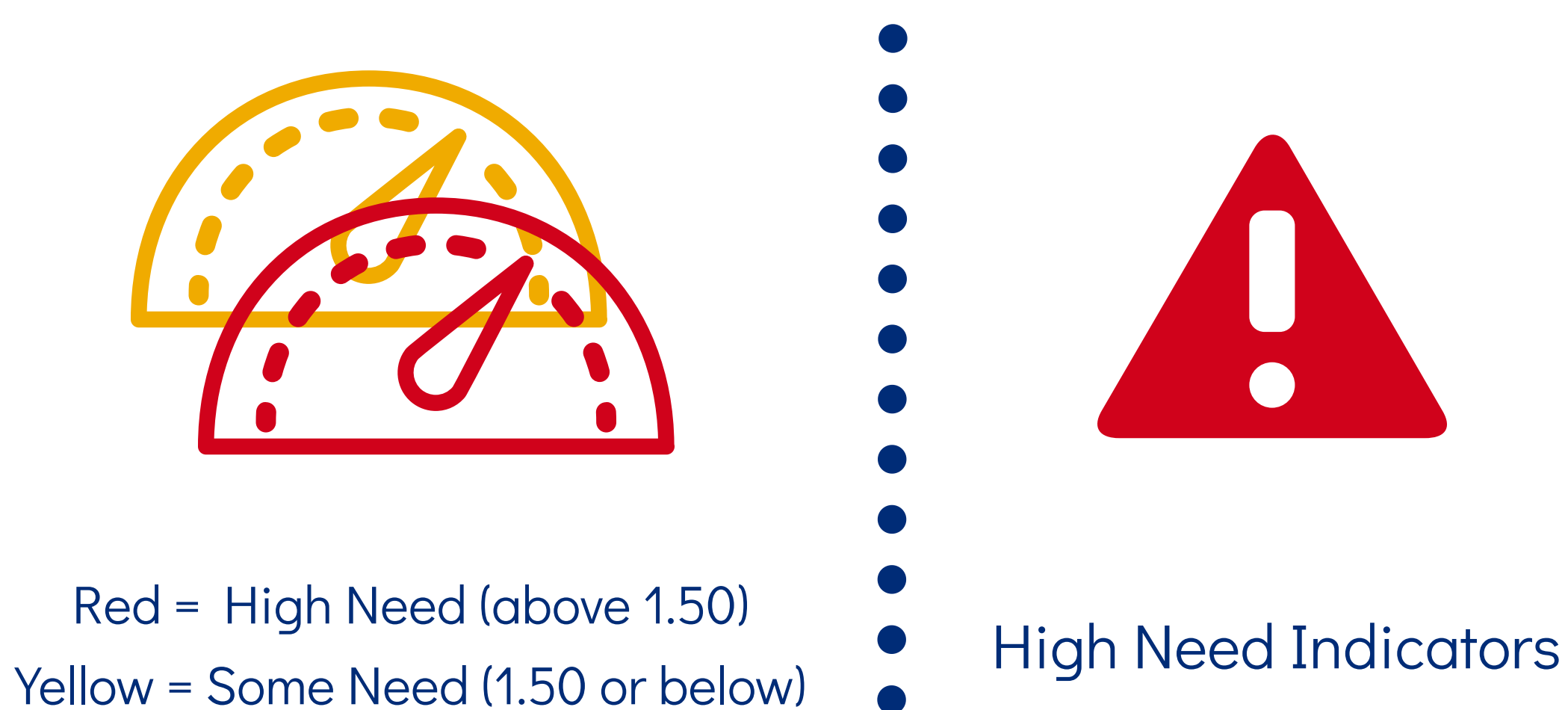
Respondents who identified as 'more than one race' also reported that their children had unmet health needs in the past 12 months more than other groups, followed closely by Hispanic/Latino and Black/African American children (see left).

\*Differences noted may not necessarily be statistically significant.



# Prioritized Health Needs

The findings for each of the eleven significant health needs are summarized in the following sections and include the key findings from each data source. The overall health topic scores from the secondary data scoring and high scoring indicators are included for each health need. When the gauge and warning symbol are shown, this represents data from the secondary data scoring.



The findings from the Community Survey and the Key Informant Interviews are indicated by the group and individual symbols, respectively.



## 1 Behavioral Health

Mental Health was the highest ranked health topic in the data scoring and had an overall high score, indicating a high need topic. Mental Health and Substance Abuse were also the top issues from both the Community Survey and the Key Informant Interviews.

## 2 Access to Health Services

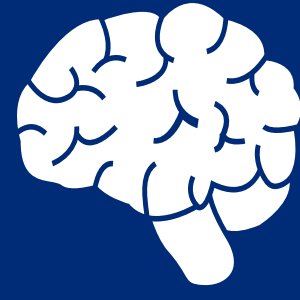
Access to Health Services had an overall data score that indicated some need and multiple high scoring indicators that required further examination. Access to Health Services was identified as a top need in the Key Informant Interview analysis. Prioritization participants identified the issue as essential to impacting health in the community.

## 3 Exercise, Nutrition & Weight

Exercise, Nutrition & Weight had an overall lower data score, although multiple indicators were high scoring and elevated the issue as a top need. Exercise, Nutrition & Weight was identified as a top need in the Community Survey and Key Informant Interviews.

1

## Behavioral Health - Mental Health



2.26



### Community Feedback

Community participants identified Mental Health as one of the top health concerns in Pasco County. Participants indicated that mental health care services and resources are disproportionate to the need in the community. A portion of Survey Respondents needed mental health services, but did not get the care that they needed. The top reason they gave for not getting the services that they needed was cost.

Key Informants noted that mental health issues in the community must be addressed as part of overall health, particularly for younger populations.

Mental Health received an overall high topic score indicating that this is a high need health issue in Pasco County.



### Warning Indicators

- Depression: Medicare Population
- Alzheimer's Disease or Dementia: Medicare Population
- Age-Adjusted Death Rate Due to Suicide
- Mental Health Provider Rate



"We are seeing behavior problems in young children. Child abuse and neglect are the main factors contributing to these issues."

- Key Informant



1.74



Substance Abuse received an overall topic score that indicates some areas of need. This health topic included multiple secondary data indicators that are high need and elevated the topic as a high priority.

## Warning Indicators



- Death Rate Due to Drug Poisoning
- Adults Who Smoke
- Adolescents Who Use Electronic Vaping: Past 30-days
- Adults Who Currently Use E-Cigarettes

1

## Behavioral Health - Substance Abuse



### Community Feedback

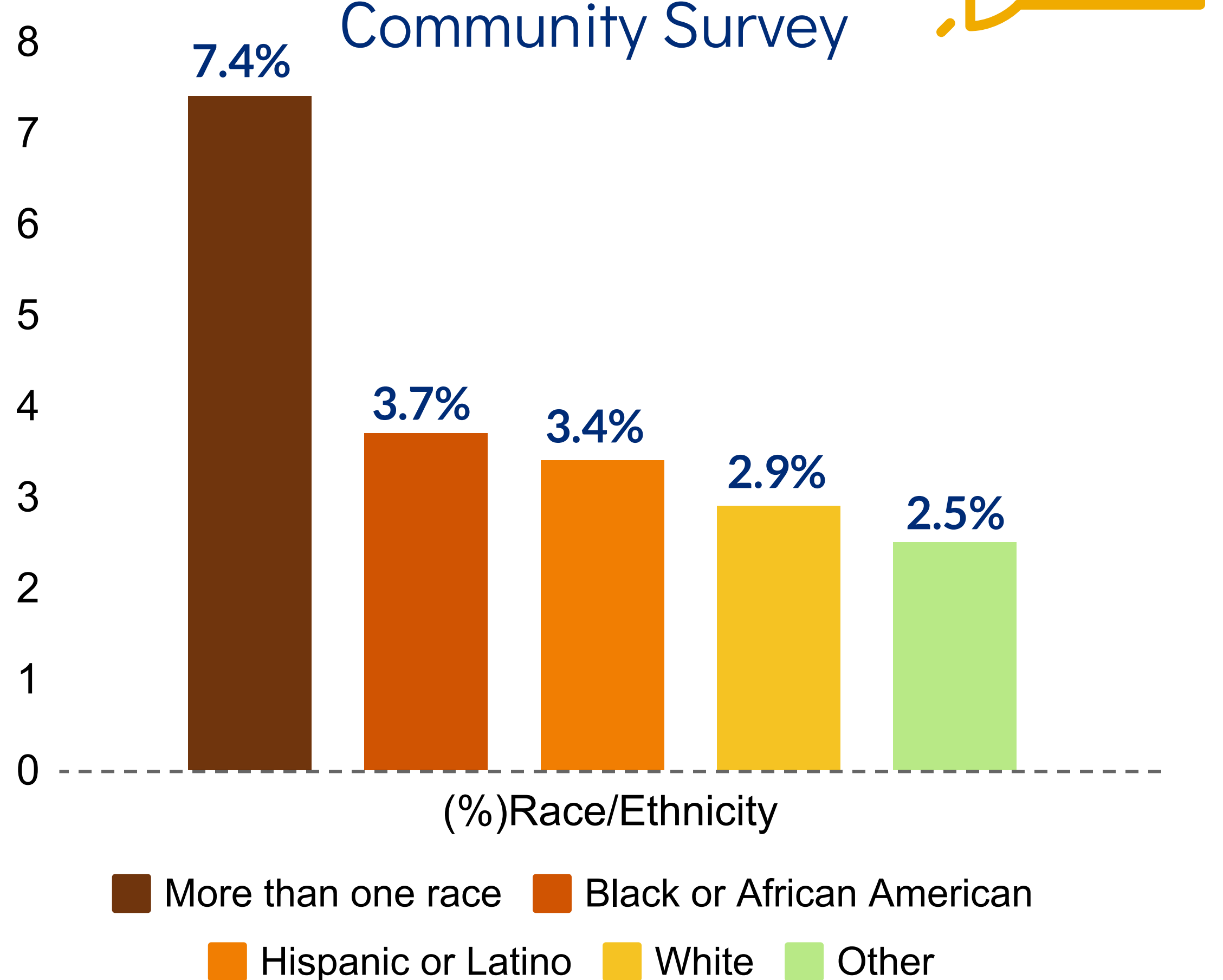
Substance Abuse was one of the health behaviors that community participants were the most concerned about. Most of the Survey Respondents (over 70%) believe that drug and alcohol abuse is a top issue in their community.

Key Informants Interview analysis indicated that Substance Abuse was the second most important health issue in the county. Limited access to services and transportation limitations were barriers noted by Key Informants.

Prescription drug misuse among survey participants was three percent (N=76). Survey Respondents who are 'more than one race' reported misuse more than other race/ethnic groups.

Respondents with slightly higher reports of misuse fell into the age groups of 36 to 44 and 66 to 84.

Rx Drug Misuse in the Community Survey



# COMMUNITY HEALTH NEEDS

## Prioritized Health Needs

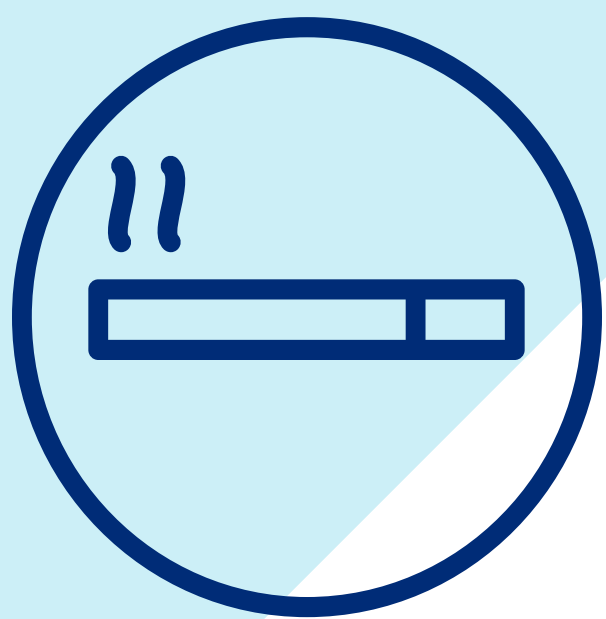
1



### Behavioral Health



### Pasco County Community Survey Respondents



14.0%  
are smokers

4.9%  
reported  
vaping  
e-cigarettes



15.0%

needed mental health services but did not get the care that they needed

32.1%

said that the main reason they did not get the mental health services that they needed was due to cost

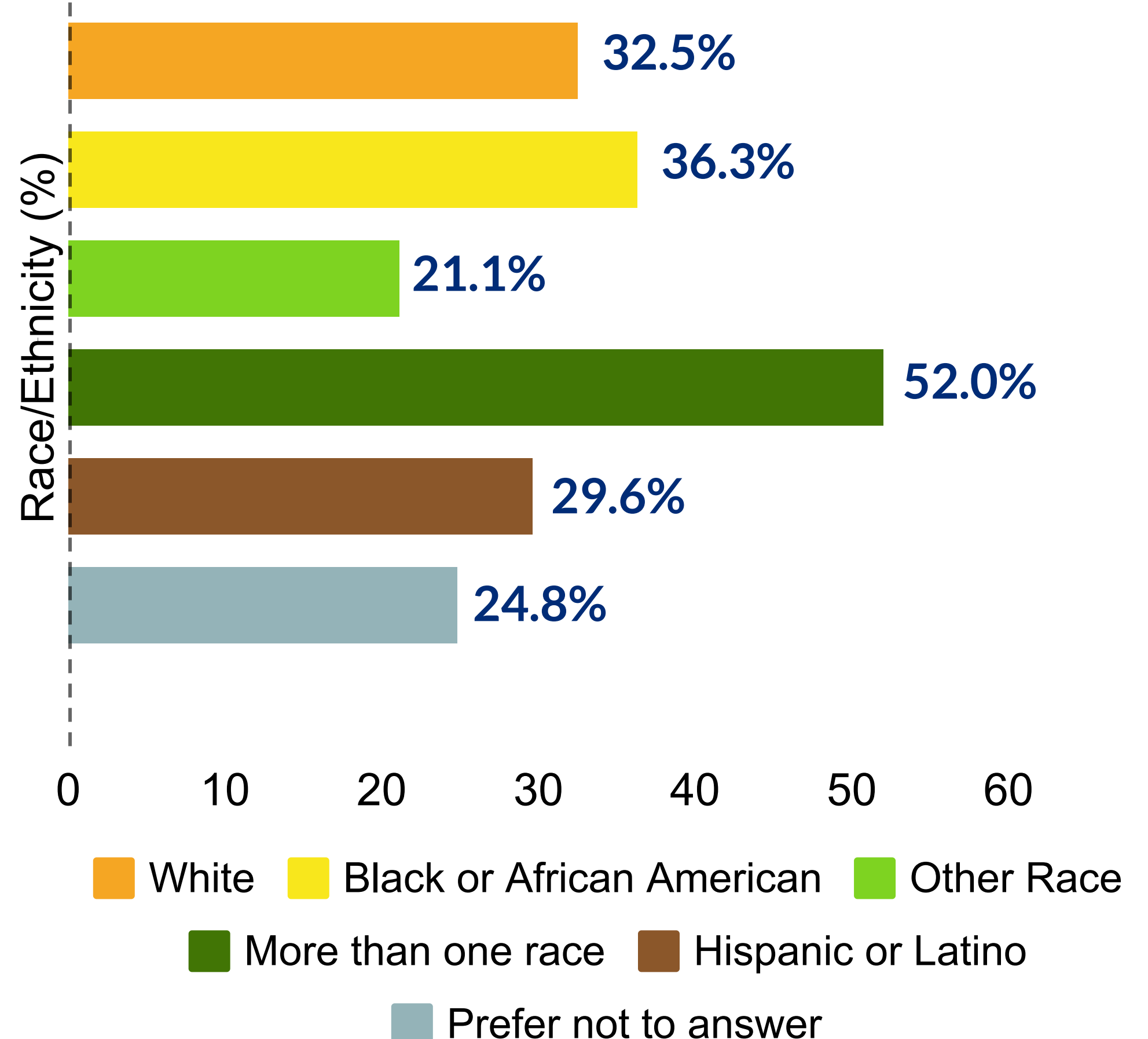
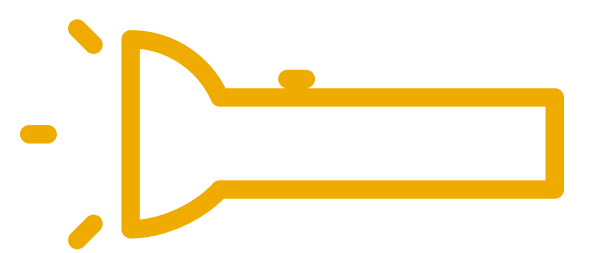


The Centers for Disease Control and Prevention (CDC) outlines Adverse Childhood Experiences (ACEs) as the term used to describe all types of abuse, neglect, and other potentially traumatic experiences that occur to people under the age of 18. Adverse Childhood Experiences have been linked to behavioral health outcomes: risky health behaviors, chronic health conditions, low life potential, and early death. As the number of ACEs increases, so does the risk for these outcomes.

32.2%

of Survey Respondents reported four or more ACEs

### Survey Respondents with Four or More ACEs





COMMUNITY HEALTH NEEDS  
Prioritized Health Needs

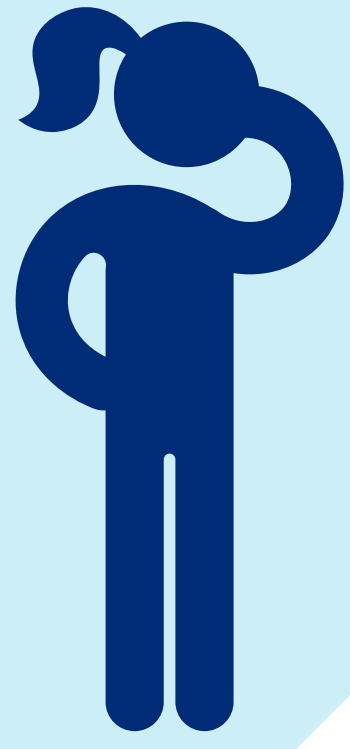
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Behavioral Health



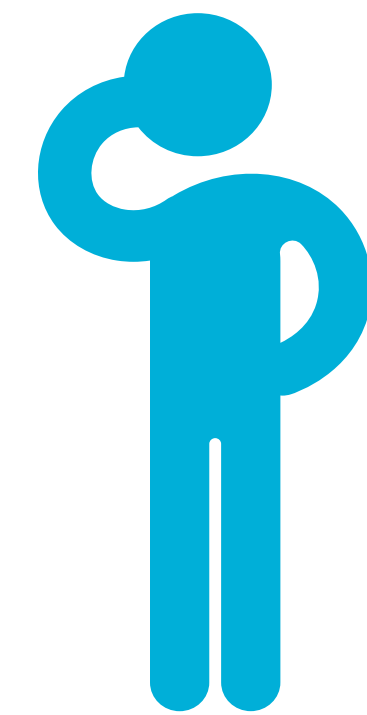
Pasco County High Need Data Indicators



Depression in the Medicare Population is **22.2 %**

Alzheimer's, Dementia, and Depression among the Medicare Population is higher in Pasco County than in the State and US, and is increasing over time

**12.3 %** of the Medicare Population has Alzheimer's or Dementia



Source: Centers for Medicare & Medicaid Services, 2017

**17.2** deaths by **Suicide** per 100,000 population (age-adjusted rate)

**Florida Value** = 14.1  
**US Value** = 14.0

Source: Florida Department of Health, Bureau of Vital Statistics, 2017

Only **73** Mental Health **Providers** per 100,000 population

**Florida Value** = 150  
**US Value** = 229

Source: County Health Rankings, 2018

**23.3%** of Adults smoke cigarettes

**Florida Value** = 15.5%

**6.0%** of Adults currently use e-cigarettes

**Florida Value** = 4.7%

Source: Florida Behavioral Risk Factor Surveillance System, 2016

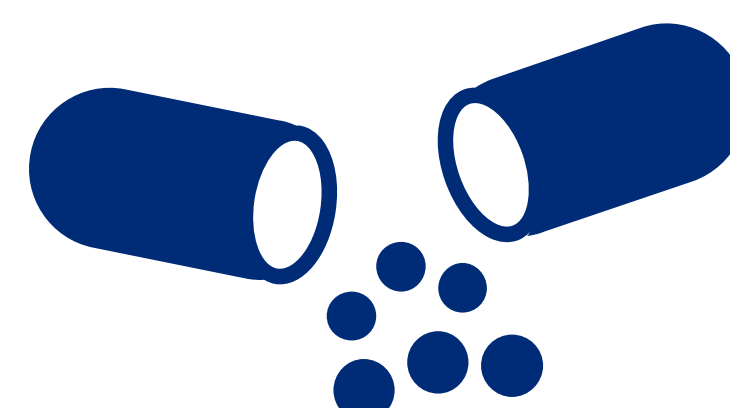


**18.3%** of Adolescents reported vaping in the past 30-days

**Florida Value** = 15.7%

Source: Florida Youth Tobacco Survey, 2018

**27.5 deaths** caused by **Drug Poisoning** per 100,000 population



**Florida Value** = 21.1  
**US Value** = 19.3

Source: County Health Rankings, 2015-2017

1.65



Access to Health Services received an overall topic score that indicated some areas of need within the analysis of the secondary data sources. The health topic included multiple indicators that are high need and potentially key to improving access to care in the community.

## Warning Indicators



- Mental Health Provider Rate
- Dentist Rate
- Adults with a Usual Source of Health Care
- Adults with Health Insurance
- Persons with Health Insurance

2

## Access to Health Services



### Community Feedback

Key Informants and Survey Respondents identified Access to Health Services as a top health issue in Pasco County, describing the following barriers to accessing timely and appropriate services:

- Limited transportation options
- Challenges with accessing public transportation or relying on a friend/neighbor
- Relying on emergency services due to inability to access urgent care or primary care providers

Lower-income, elderly, and disabled residents are the most impacted by these barriers to accessing services.



"The rural population is hard to reach. There aren't many doctors in some areas of the county." - Key Informant

"Low income, elderly, and disabled communities have the most challenges with access." - Key Informant



# COMMUNITY HEALTH NEEDS Prioritized Health Needs

2

## Access to Health Services

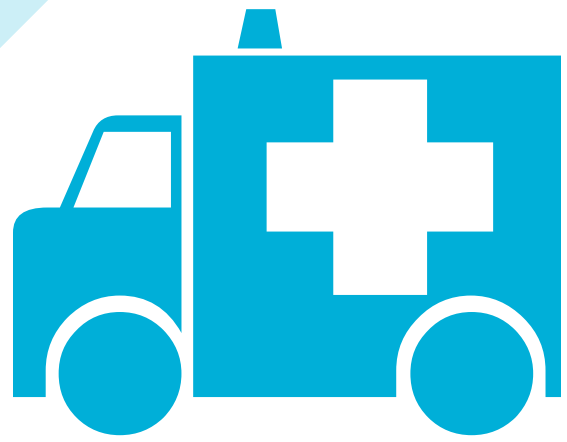


### Pasco County Community Survey Respondents



**24.7%**

had accessed care in the ER in the past 12 months



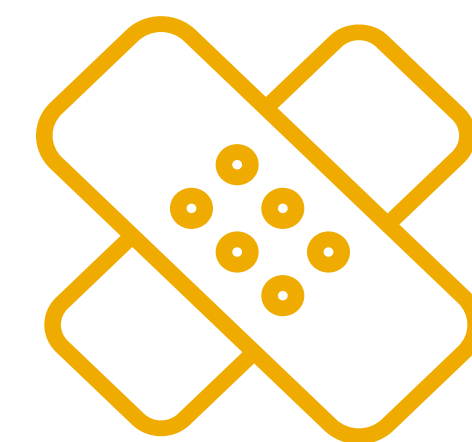
Of the Survey Respondents that utilized the ER, only

**41.6%**

had an emergency or life-threatening situation

**22.9%**

reported needing medical care in the past 12 months but didn't receive it

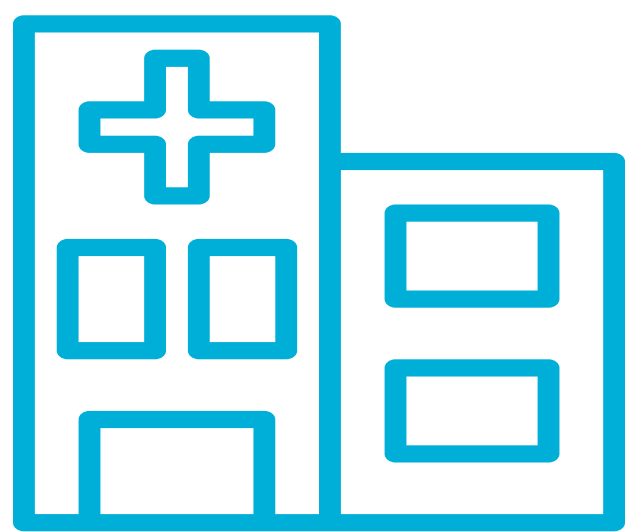


**10.3%**

of those with children in the home reported having children who needed medical care in the past 12 months but didn't receive it



### Pasco County High Need Data Indicators

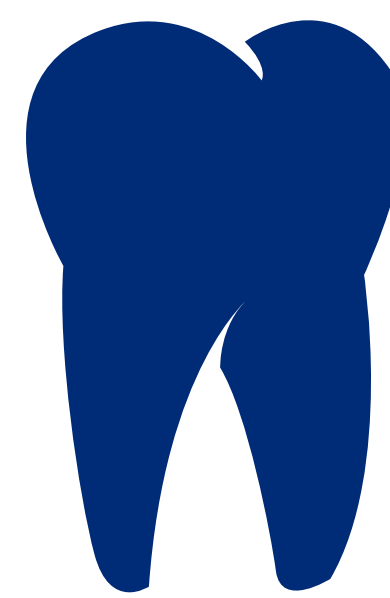


**72.6%**

of Adults have a usual source of health care

**Florida Value = 72%**

Source: Florida Behavioral Risk Factor Surveillance System, 2016



**Dental Provider Rate is 37 Dentists**

per 100,000 population

**US Value = 68  
Florida Value = 59**

Source: County Health Rankings, 2017

**80.8%** of Adults in Pasco County have health insurance, compared to only:

**72.4%** of **26-34 year old's** and **73.0%** of the **Hispanic/Latino** population



Source: American Community Survey, 2017

3

## Exercise, Nutrition & Weight



1.46



Exercise, Nutrition & Weight received an overall topic score that indicated some areas of need within the analysis of the secondary data sources. This health topic included multiple secondary data indicators that are higher need and elevated the topic as a high priority. The data analysis identified prevention opportunities and the potential to impact health more broadly in the community.

### Community Feedback

Community Survey Respondents identified 'being overweight' as the second most important health issue in the community. Key Informants also identified the predominant barriers to improving this issue as limited access to local affordable healthy foods and transportation challenges to other food sources. Obesity and insufficient physical activity were key concerns.

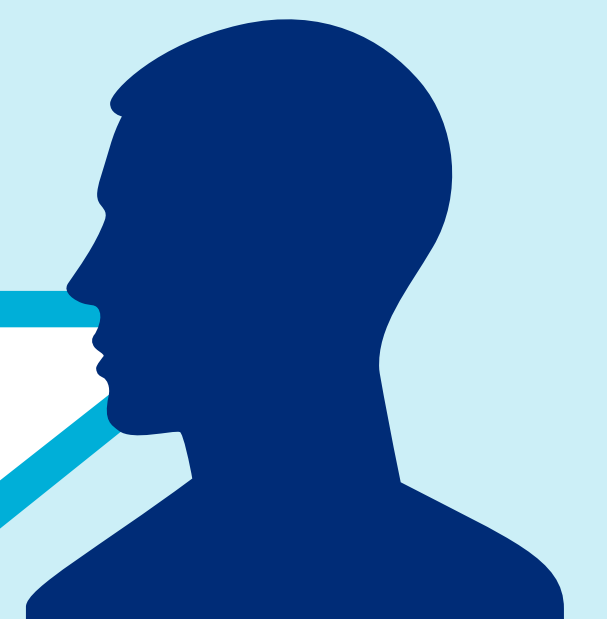
### Warning Indicators



- SNAP Certified Stores
- Adults Who Are Sedentary
- Grocery Store Density
- Farmers Market Density
- People 65+ with Low Access to a Grocery Store

"Seeing a lot of people who are overweight but lack the support and resources to make [any] serious changes, we need to figure out how to get people to garden to increase their fruit and vegetable consumption... get people to cook more at home." – Key Informant

"Low income individuals struggle with access and affordability of healthy foods." – Key Informant





# COMMUNITY HEALTH NEEDS

## Prioritized Health Needs

3

Exercise, Nutrition & Weight



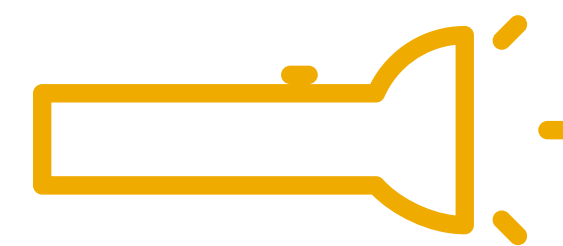
### Pasco County Community Survey Respondents

For those who have **children** in the home:

**36.1%** reported some level of food insecurity in the past 12 months

**30.8%** reported that the food they bought just did not last, and they did not have money to get more in the past 12 months

**19.7%** reported that someone in their home received emergency food from a food bank in the past 12 months



**29.6%**

reported some level of food insecurity, compared to:

- 44.9% of **Hispanic or Latino** respondents
- 43.9% of those who are '**more than one race**'

### Pasco County High Need Data Indicators



**32.9%** of Adults did not participate in any **physical activity** in the past month

Source: Florida Behavioral Risk Factor Surveillance System, 2016

**Florida Value** = 29.8%

Pasco County has 190 **fast food restaurants** (0.3 restaurants per 1,000 people)



Source: U.S. Department of Agriculture - Food Environment Atlas, 2014/2016

Some **healthy food sources** are limited in Pasco County:

- 65 **grocery stores** (0.13 per 1,000 people)
- 4 **farmers markets** (0.01 per 1,000 people)
- 357 **SNAP certified stores** (0.7 per 1,000 people)

# COMMUNITY HEALTH NEEDS

## Non-Prioritized Health Needs

Following the rigorous community prioritization process, the following health topics were not included as primary focus areas for Pasco County over the next three years. Any current programming and additional efforts outside of the CHNA process to address these health issues will not be impacted by this decision. Future initiatives related to the prioritized health needs will likely have positive impact on the non-prioritized health needs as many health indicators overlap across health topic areas.

### 4 Immunizations & Infectious Diseases



#### Warning Indicators:

- Kindergartners with Required Immunizations
- Adults 65+ with Influenza Vaccination
- Gonorrhea Incidence Rate

Secondary Data  
Topic Score: **1.23**

Immunizations and Infectious Diseases did not come up as a top issue through community feedback. There was some discussion during prioritization, which identified the opportunity for improving education about immunizations although ultimately was not selected as a top health issue.

### 5 Maternal, Fetal & Infant Health



#### Warning Indicators:

- There were no high need indicators for this topic

Secondary Data  
Topic Score: **1.26**

Issues related to Maternal, Fetal & Infant Health did not come up as top areas of concern in the community feedback. There was some discussion of the topic during the Prioritization Session, but it was not identified as a top health issue.

### 6 Diabetes



#### Warning Indicators:

- Age-Adjusted Death Rate Due to Diabetes
- Diabetes: Medicare Population

Secondary Data  
Topic Score: **1.83**

Diabetes was not specifically identified as a top health concern by Community Survey Respondents, although the related topic of obesity and weight was a top issue. Community members were concerned about the limited access to healthy foods and food deserts in parts of the community.



# COMMUNITY HEALTH NEEDS

## Non-Prioritized Health Needs

### 7 Heart Disease & Stroke



#### Warning Indicators:

- Hypertension: Medicare Population
- Hyperlipidemia: Medicare Population
- Atrial fibrillation: Medicare Population
- Stroke: Medicare Population
- High Cholesterol Prevalence
- Ischemic Heart Disease: Medicare Population
- Heart Failure: Medicare Population

#### Secondary Data

Topic Score: **1.93**

Heart Disease and Stroke came through as a top health issue in the community survey, but was also raised in context of other chronic conditions, nutrition, and obesity. Some community participants felt that there are not enough prevention efforts in the community and limited access to healthy foods.

### 8 Cancer



#### Warning Indicators:

- Cancer: Medicare population
- Melanoma Incidence Rate
- Oral Cavity and Pharynx cancer Incidence Rate
- Cervical Cancer Incidence Rate
- Mammogram in Past Year: 40+

#### Secondary Data

Topic Score: **1.68**

Cancer was not a top health issue identified through community feedback, nor was it ranked during prioritization.

### 9 Respiratory Disease



#### Warning Indicators:

- COPD: Medicare Population
- Age-Adjusted Death Rate Due to Chronic Lower Respiratory Diseases
- Adults with Current Asthma
- Asthma: Medicare Population

#### Secondary Data

Topic Score: **1.75**

Respiratory Disease was not a concern identified in the community feedback, nor was it ranked as a top issue during prioritization.

### 10 Oral Health



#### Warning Indicators:

- Oral Cavity and Pharynx Cancer Incidence Rate
- Dentist Rate

#### Secondary Data

Topic Score: **1.86**

Over a quarter of Community Survey Respondents reported that they did not receive the dental care they needed in the past 12 months, in addition to about 15% of children. Community participants shared that cost was the primary barrier to accessing dental services for even those who have dental insurance. Key Informants also noted the lack of dental health providers in the community. Oral health can be addressed to some extent while addressing Access to Health Services.

## Detailed Methodology and Data Scoring Tables

A detailed overview of the Conduent HCI data scoring methodology and all of the results from the secondary data analysis are included in an interactive Excel workbook.

## Community Survey Tool

The Pasco County Community Survey consisted of 71 health and well-being focused questions. Surveys were available in English and Spanish and could be completed online or via paper copy. The paper survey tools are available in PDF format.

## Key Informant Questionnaire

Key Informant Interviews were conducted via an online questionnaire consisting of eight open-ended questions. 55 Key Informants identified by the Community Coalition responded to the questionnaire and represented input from over 50 community-based organizations across the region. The Key Informant questionnaire is available in PDF format.

## Additional Service Areas

Hillsborough County is Morton Plant North Bay Hospital's secondary hospital service area and Pinellas County is the tertiary service area. The summary of findings from each data source was included in the overall CHNA process. The results from the Hillsborough and Pinellas County community assessments are summarized in an attachment.

## Prioritization Session Attendee List

Over 150 individuals attended the Pasco County Prioritization Session. In addition to representatives from local organizations and industry, community members were also in attendance. Community members have been noted in the attendee list and their names have been removed in an effort to maintain their privacy.



## Community Resources

Increased Collaboration and broader regional involvement during the 2019 CHNA process established stronger relationships across health care delivery organizations, health departments, and community serving organizations (see lists in the Acknowledgments and Prioritization sections). There are existing resources that organizations are currently using and available widely in the community:

### 211 Tampa Bay Cares

<http://211tampabay.org/>

### Florida Health Department

<http://hillsborough.floridahealth.gov/>

<http://pasco.floridahealth.gov/>

<http://pinellas.floridahealth.gov/>

<http://polk.floridahealth.gov/>

### County Government

<https://www.hillsboroughcounty.org/en>

<https://www.pascocountyfl.net/>

<https://www.pinellascounty.org/>

<https://www.polk-county.net/>

### BayCare Health Education and Literacy

<https://baycare.org/events>

<https://baycare.org/health-library>

In addition, selecting a web-based Community Resource Referral Platforms (CRRP) emerged as a potential opportunity to comprehensively identify resources and dynamically connect community members to resources at their time of need. There are free and publicly available CRRPs being considered that have customizable options for integrative use internally at organizations. BayCare is exploring CRRP options to best serve the needs of their service areas and community partners. A CRRP site would allow BayCare and community partners to search for the most up-to-date services and geographically convenient programs for individuals and populations to address the prioritized health needs. Local, State and National resources that can be sourced through CRRP sites include, but are not limited to:

- Behavioral Health: counseling services, group programs, substance abuse treatment, emergency services, telehealth options
- Access to Health Services: health education and navigation, insurance information, transportation to appointments, payment assistance, alternative medicine, in-home support
- Exercise, Nutrition, & Weight: fitness and recreation, nutrition education, community gardens, government food benefits