

Martin County, Florida Community Health Assessment Report January – April, 2015



**MARTIN COUNTY COMMUNITY HEALTH ASSESSMENT REPORT
2015**



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“For a community to improve its health, its members must often change aspects of the physical, social, organizational, and even political environments in order to eliminate or reduce factors that contribute to health problems or to introduce new elements that promote better health.”

- *Healthy People 2020*

INTRODUCTION

The Community Health Status Assessment identifies priority issues related to community health and quality of life. This section highlights the demographic and socioeconomic, health status, and health resources availability and access profile for Martin County.

The demographic and socioeconomic profile provides details on a number of key demographic, social and economic indicators, such as population, presented by various cohorts, e.g., age bands, gender and race, income, numbers of individuals in poverty, educational attainment, employment, housing and transportation.

The health status of the community includes data on various indicators of maternal and child health (such as prenatal care access, birth rates, infant mortality, child immunization rates); behavioral health (including domestic violence, alcohol consumption, and violence and injury); hospital utilization data; and morbidity and mortality trends as reflected by data on chronic diseases, infectious diseases and leading causes of death.

The health resources availability and access profile section studies the obtainability of health care resources in Martin County and includes information on health insurance coverage, Federally Qualified Health Centers (FQHCs), medically underserved populations and areas (MUPs/MUAs) and the health care safety net in the community. Below are highlights of each of the three profiles in the Community Health Status Assessment.

Demographic and Socioeconomic Profile

- In 2013, there were 151,263 individuals living in Martin County, representing 0.77% of Florida's population.
- In 2013, over a quarter (28.5%) of Martin County residents were 65 years or older.
- In 2013, 13.0% of the residents in Martin County identified as Hispanic/Latino.
- In 2013, 13.1% of the population lived below the poverty level.
- In 2013, Martin County's Gini Index was 0.51, slightly higher than the state of Florida (0.48).
- In the 2013-2014 academic school year, Martin County had an 88.8% High School graduation rate, 12.7% higher than Florida as a whole.
- In 2013, Martin County's unemployment was 8.9%, lower than the state's rate of 9.7%.
- In 2015, 18.8% of Martin County's homeless population was children under the age of 18 years.

Health Status Profile

- In 2013, the rate of live births in Martin County was 7.9%, lower than the state's rate of 11.1%.
- During 2009-2013, Martin County had a 23.6% rate of repeat births to mothers ages 18-19 years, 4.0% higher than in the state of Florida (19.6%) as a whole.
- In 2013, Martin County had an 85.0% rate of Women, Infant and Children (WIC) eligible served, higher than that the state (77.3%).

- In 2013, immunization levels in Kindergarten was 92.0%, just a bit lower than Florida's rate of 93.2%.
- In 2013, 37.9% of high school students reported having used alcohol within the past 30 days, as compared to Florida's rate of 33.9%.
- In 2013, Martin County's rate of new HIV cases was 12.8 per 100,000, lower than Florida's rate of 30.7 per 100,000.
- In 2013, Martin County's suicide rate was 21.5 per 100,000, higher than the state's rate of 15.0 per 100,000.
- In 2013, the rate of Martin County adults who were overweight or obese was 48.3%, lower than the state's rate as a whole (62.8%).
- Nearly 1 in 3 first graders and close to 2 in 5 sixth graders were reportedly overweight or obese during the 2014-2015 academic school year.
- In 2013, the rate of Births to Overweight Mothers at the Time Pregnancy Occurred was 24.4% in Martin County, higher than the state's rate of 24.1%.
- In 2013, the rate of Births to Obese Mothers at the Time Pregnancy Occurred was higher (21.5%) in Martin County, slightly higher than the state's rate of 21.0%.
- In 2013, there were 373 deaths due to heart disease in Martin County.

Health Resources Availability and Access

- In 2014, there were 418 licensed medical physicians in Martin County.
- In 2013, 24.8% of adults ages 19-25 years old were uninsured in Martin County.
- In 2013, 14.9% of adults in Martin County were reportedly uninsured.
- Martin County has one federally medically underserved area, located in Indiantown, Florida.
- Martin County has a reported number of two Federally Qualified Health Centers (FQHCs).

METHODOLOGY

The Community Health Status Assessment is a compilation of local, state and peer community data that is collected and analyzed to identify health disparities concerning age, gender, racial and population subgroups. It answers the questions:

- How healthy are Martin County residents?
- What does the health status of our community look like?

Analysis of five years' worth of trend data and existing data sources contributed to the compilation of the Community Health Status Assessment. This provides data for more than 100 indicators over ten broad-based categories. Specifically, the Community Health Status Assessment includes information and statistics on the following areas:

- Demographic characteristics
- Socioeconomic characteristics
- Maternal and child health
- Behavioral risk factors
- Death, illness and injury
- Infectious diseases
- Health resource availability

HCSEF conducted a comprehensive review of secondary data sources to obtain the most current and reliable data for the Community Health Status Assessment. Secondary data sources include but are not limited to the US Census Bureau- American Community Survey 2012 and 2013, Florida Department of Health, Florida Department of Education (FDOE), Florida Department of Law Enforcement, Florida Youth Substance Abuse Survey (FYSAS), Behavior Risk Factor Survey and Surveillance (BRFSS), Florida Agency for Health Care Administration (AHCA), Healthy People 2020 (HP 2020) and the 2012 County Health Rankings. For community health/population surveys such as the FYSAS and BRFSS, many survey items are rotated and asked in alternate years; therefore, results from those sources may be presented in varying years or in multi-year estimates. Finally, geographic data are presented in the format in which they are available (i.e., census county division, zip code, and municipality) and where comparisons are presented, statistically significant differences are noted as such. The findings are used as part of the process to identify the community's priorities and specific health status issues.

DEMOGRAPHIC AND SOCIOECONOMIC PROFILE

Created in 1925, Martin County was named for John W. Martin, Governor of Florida from 1925 to 1929. Martin County has a total area of 753 square miles (1,950 km²), of which 543 square miles (1,410 km²) is land and 209 square miles (540 km²) (27.8%) is water. It is bordered by St. Lucie County to the north, Palm Beach County to the south, Hendry County to the west, Glades County to the southwest and Okeechobee County to the northwest.

Stuart is the county seat and the Board of County Commissioners is the legislative body of the county and has charge of all county executive and administrative functions, except those assigned by the Constitution to independent county officers or to the independent school district.¹

The demographic and socioeconomic characteristics of the residents of Martin County are highlighted in this section. These characteristics provide context for the health care needs of the community and are indicators and predictors for health care utilization patterns and health outcomes. Furthermore, the demographic and socioeconomic profile of a community provides information important in the identification of barriers to accessing health care services.

Data in this assessment is presented for Martin County and in many cases, for comparison purposes, data for the state of Florida is provided. Throughout the assessment, for certain health indicators there are references to the Healthy People 2020 target; these are provided to provide a benchmark for data and to aid in goal-setting and planning activities.

FIGURE 1: MAP OF MARTIN COUNTY, FLORIDA



¹ http://en.wikipedia.org/wiki/Martin_County,_Florida

DEMOGRAPHIC CHARACTERISTICS

POPULATION

Total Population

As reflected in the table below, the population in Martin County was 151,263 in 2013. The residents of Martin County accounted for 0.77% of the population in Florida.

TABLE 1: TOTAL POPULATION, MARTIN COUNTY AND FLORIDA, 2013

Martin County		Florida
Population	% of Florida's Population	Population
151,263	0.77%	19,552,860

Source: U.S Census Bureau, American Community Survey, 2013
Compiled by: Health Council of Southeast Florida, 2015

Population by Age

Health care needs vary greatly between age groups. Understanding the age composition of an area aids in identifying needs and planning for health services. The table below shows population by age bracket as well as median age in Martin County and in Florida in 2013. The median age in Martin County was 50.8 years, 9.3 years greater than in Florida.

TABLE 2: POPULATION BY AGE, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida
	Number	Percent	Percent
Total Population			
Under 5 years	6,248	4.1%	5.5%
5 to 9 years	7,047	4.7%	5.6%
10 to 14 years	7,349	4.9%	5.9%
15 to 19 years	8,621	5.7%	6.1%
20 to 24 years	6,319	4.2%	6.7%
25 to 34 years	14,927	9.9%	12.5%
35 to 44 years	14,525	9.6%	12.3%
45 to 54 years	20,304	13.4%	13.9%
55 to 59 years	12,309	8.1%	6.8%
60 to 64 years	10,539	7.0%	6.1%
65 to 74 years	21,288	14.1%	10.2%
75 to 84 years	16,553	10.9%	5.9%
85 years and over	5,234	3.5%	2.5%
Median age (years)		50.8	41.5
18 years and over	125,368	82.9%	79.4%
21 years and over	120,932	79.9%	75.4%
62 years and over	48,746	32.2%	22.2%
65 years and over	43,075	28.5%	18.6%

Source: U.S Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Population by Race and Ethnicity

The diversity within an area is another important consideration for health planning, as health behavior, health care utilization, and subsequently, health outcomes often differ between races and ethnicities. The table below and figures 3 and 4 show population by race and ethnicity in Martin County and in Florida in 2013. The percentage of individuals who identify as White in Martin County was 85.4%, higher compared to Florida (76.2%) as a whole. The percentage of individuals who identify as Black or African American was 5.7%, lower compared to the state (16.1%). Thirteen percent (13.0%) of individuals in Martin County identified as Hispanic or Latino, compared to 23.6% in Florida.

TABLE 3: POPULATION BY RACE AND ETHNICITY, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida
	Number	Percent	Percent
Total population	151,263	151,263	19,552,860
One race	147,935	97.8%	97.7%
Two or more races	3,328	2.2%	2.3%
One race	147,935	97.8%	97.7%
White	129,144	85.4%	76.2%
Black or African American	8,622	5.7%	16.1%
American Indian and Alaska Native	273	0.2%	0.3%
Asian	2,039	1.3%	2.6%
Native Hawaiian and Other Pacific Islander	0	0.0%	0.1%
Some other race	7,857	5.2%	2.5%
Ethnicity			
Hispanic or Latino (of any race)	19,647	13.0%	23.6%
Mexican	5,519	3.6%	3.3%
Puerto Rican	1,963	1.3%	5.1%
Cuban	739	0.5%	6.9%
Other Hispanic or Latino	11,426	7.6%	8.4%
Not Hispanic or Latino	131,616	87.0%	76.4%
White alone	119,255	78.8%	56.2%
Black or African American alone	8,428	5.6%	15.4%
American Indian and Alaska Native alone	220	0.1%	0.2%
Asian alone	1,956	1.3%	2.6%
Native Hawaiian and Other Pacific Islander alone	0	0.0%	0.0%
Some other race alone	311	0.2%	0.3%
Two or more races	1,446	1.0%	1.6%

Source: U.S Census Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

FIGURE 2: POPULATION BY RACE, MARTIN COUNTY, 2013

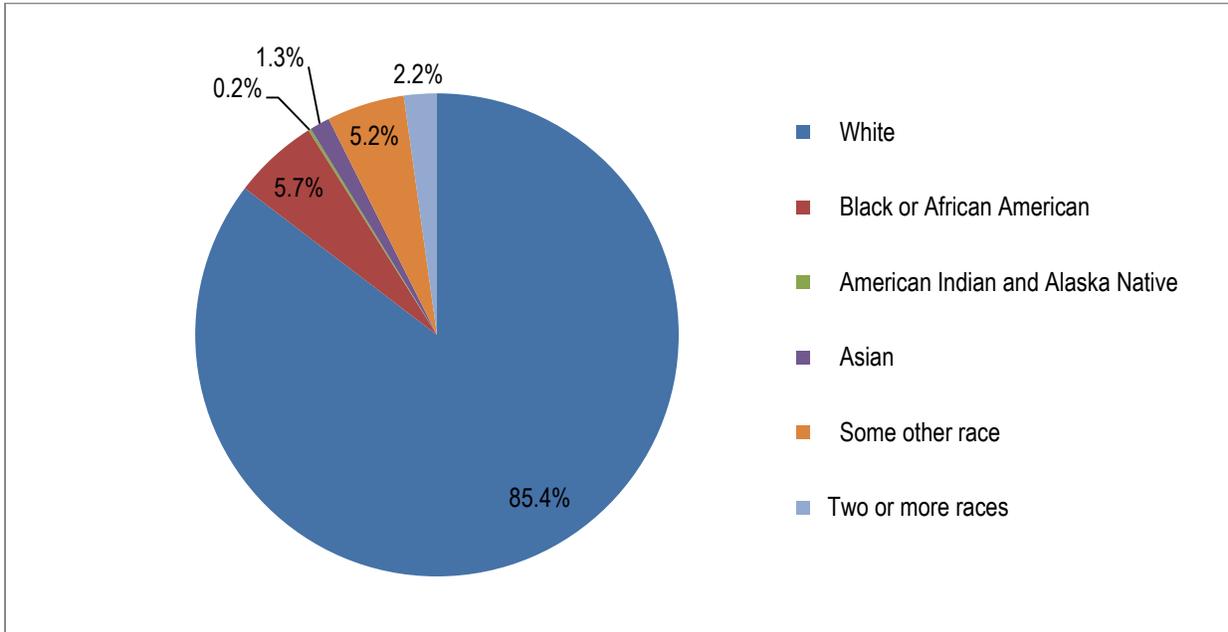
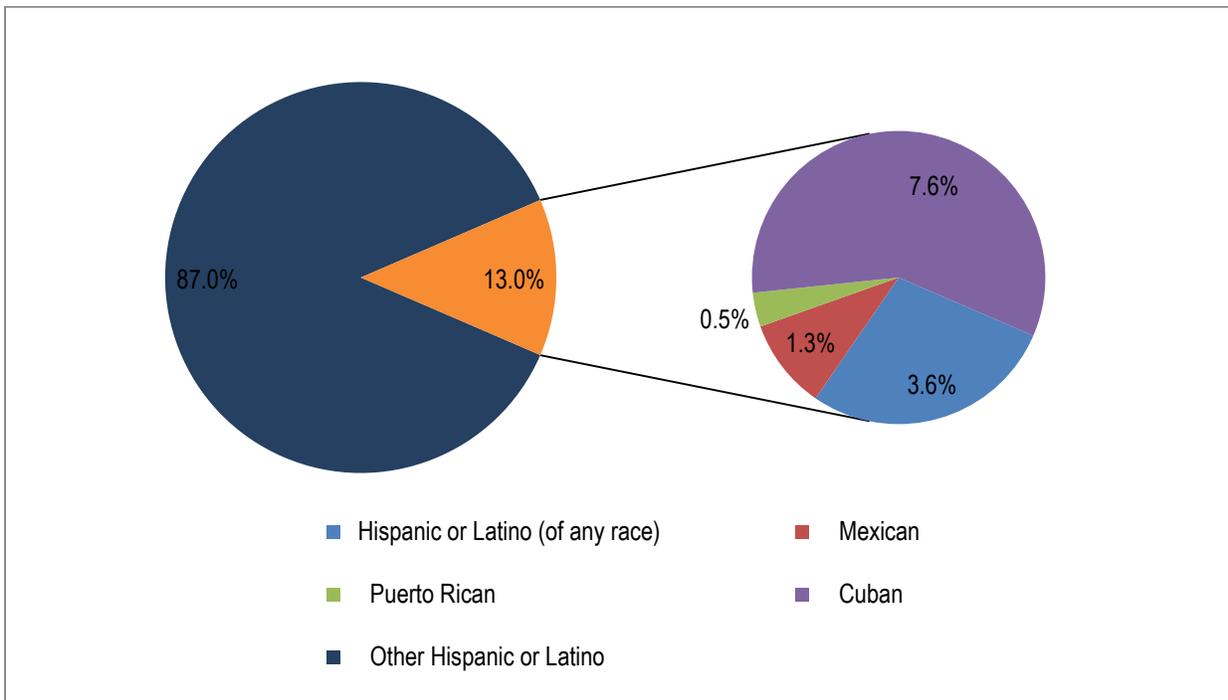


FIGURE 3: POPULATION BY ETHNICITY, MARTIN COUNTY, 2013



Population by Gender

The table below shows the percentages of males and females in Martin County and in Florida in 2013.

TABLE 4: POPULATION BY GENDER, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Male population	73,998	48.9%	9,565,609	48.9%
Female population	77,265	51.1%	9,987,251	51.1%
Total population	151,263	100.0%	19,552,860	100.0%

Source: U.S Census Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Languages Spoken at Home

Language is often a barrier to health care access, particularly for individuals with limited English proficiency. The table below reflects the language spoken in the homes of Martin County residents in 2013. Of the population 5 years and older, 93.2% were reported to speak English 'very well' and 6.8% were reported to speak English 'less than very well.' The percentage of residents over 5 years that speak a language other than English at home was 14.0%; the majority of those individuals spoke Spanish or Spanish Creole at home.

TABLE 5: LANGUAGES SPOKEN AT HOME, MARTIN COUNTY, 2013

	Total	Percent of specified language speakers	
		Speak English "very well"	Speak English less than "very well"
Population 5 years and over	145,015	93.2%	6.8%
Speak only English	86.0%	(X)	(X)
Speak a language other than English	14.0%	51.5%	48.5%
Spanish or Spanish Creole	11.3%	45.4%	54.6%
Other Indo-European languages	1.7%	78.2%	21.8%
Asian and Pacific Island languages	0.9%	73.9%	26.1%
Other languages	0.1%	100.0%	0.0%

Source: US Census Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Households

The table below shows the total number of households and households by type in Martin County and in Florida in 2012. A household includes all individuals who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms or a single room that is occupied as living quarters. A family household consists of a householder and one or more individuals who are related to the householder by marriage, birth or adoption. In Martin County in 2012 there were 60,783 households, of which 38,815 were family households and 22.7% of the households in the county had individuals under 18 and 46.5% had individuals 65 years or older.

TABLE 6: HOUSEHOLDS, MARTIN COUNTY AND FLORIDA, 2012

	Martin County		Florida	
	Number	Percent	Number	Percent
Total households	60,783	60,783	7,197,943	7,197,943
Family households (families)	38,815	63.9%	4,598,222	63.9%
With own children under 18 years	12,404	20.4%	1,781,769	24.8%
Married-couple family	30,598	50.3%	3,319,620	46.1%
With own children under 18 years	8,456	13.9%	1,121,347	15.6%
Male householder, no wife present, family	2,318	3.8%	323,901	4.5%
With own children under 18 years	1,354	2.2%	149,747	2.1%
Female householder, no husband present, family	5,899	9.7%	954,701	13.3%
With own children under 18 years	2,594	4.3%	510,675	7.1%
Nonfamily households	21,968	36.1%	2,599,721	36.1%
Householder living alone	19,976	32.9%	2,129,403	29.6%
65 years and over	12,066	19.9%	876,057	12.2%
Households with one or more people under 18 years	13,789	22.7%	2,015,178	28.0%
Households with one or more people 65 years and over	28,290	46.5%	2,369,853	32.9%

Source: U.S Census Bureau, American Community Survey, 2012

Compiled by: Health Council of Southeast Florida, 2015

Grandparents

The table below shows grandparents living with grandchildren under 18 as well as grandparents who are responsible for their own grandchildren. In 2012, there were 1,325 grandparents in Martin County who were responsible for their grandchildren.

TABLE 7: GRANDPARENTS, MARTIN COUNTY AND FLORIDA, 2012

	Martin County		Florida	
	Number	Percent	Number	Percent
Number of grandparents living with own grandchildren under 18 years	2,167	2,167	463,879	463,879
Responsible for grandchildren	1,325	61.1%	161,964	34.9%
Years responsible for grandchildren				
Less than 1 year	299	13.8%	36,449	7.9%
1 or 2 years	272	12.6%	33,799	7.3%
3 or 4 years	323	14.9%	27,874	6.0%
5 or more years	431	19.9%	63,842	13.8%

Source: U.S Census Bureau, American Community Survey, 2012

Compiled by: Health Council of Southeast Florida, 2015

Population by Census County Division

A Census County Division (CCD) is a subdivision of a county that is a relatively permanent statistical area established cooperatively by the Census Bureau and state and local government authorities. There are three CCD's in Martin County: Indiantown, Port Salerno-Hobe Sound, and Stuart. The table below shows population by sex, median age, race and ethnicity for each of these divisions. The data shown is a 5-year estimate (2009-2013) and due to the granularity of the data shown and the data collection methods, 1-year estimates are not available.

TABLE 8: POPULATION BY CENSUS COUNTY DIVISION, MARTIN COUNTY, 2009-2013 (5- YEAR ESTIMATES)

	Martin County, Florida		Indiantown CCD, Martin County, Florida		Port Salerno-Hobe Sound CCD, Martin County, Florida		Stuart CCD, Martin County, Florida	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total population	147,786	147,786	20,881	20,881	60,836	60,836	66,069	66,069
SEX								
Male	73,005	49.4%	11,186	53.6%	29,693	48.8%	32,126	48.6%
Female	74,781	50.6%	9,695	46.4%	31,143	51.2%	33,943	51.4%
AGE								
Median age (years)	50.1	(X)	40.2	(X)	52.3	(X)	51.0	(X)
RACE								
Total population	147,786	147,786	20,881	20,881	60,836	60,836	66,069	66,069
White	128,198	86.7%	14,557	69.7%	54,090	88.9%	59,551	90.1%
Black or African American	8,275	5.6%	2,410	11.5%	2,719	4.5%	3,146	4.8%
American Indian and Alaska Native	637	0.4%	200	1.0%	227	0.4%	210	0.3%
Asian	1,431	1.0%	253	1.2%	396	0.7%	782	1.2%
Native Hawaiian and Other Pacific Islander	25	0.0%	0	0.0%	25	0.0%	0	0.0%
Some other race	6,899	4.7%	2,985	14.3%	2,418	4.0%	1,496	2.3%
Two or more races	2,321	1.6%	476	2.3%	961	1.6%	884	1.3%
ETHNICITY								
Total population	147,786	147,786	20,881	20,881	60,836	60,836	66,069	66,069
Hispanic or Latino (of any race)	18,432	12.5%	6,936	33.2%	6,763	11.1%	4,733	7.2%
Not Hispanic or Latino	129,354	87.5%	13,945	66.8%	54,073	88.9%	61,336	92.8%

Source: US Census Bureau, American Community Survey, 5-year estimates 2009-2013
Compiled by: Health Council of Southeast Florida, 2015

Population by Census Designated Place

A Census Designated Place (CDP) is encompassed in a census county division; however, the total area of a census county division is not included by census designated places. There are five CDP's in Martin County: Jensen Beach, Palm City, Hobe Sound, Port Salerno and Indiantown. The table below shows population, median age, race and ethnicity for each of these divisions. The data shown is a 2-year estimate (2012-2013).

TABLE 9: POPULATION BY CENSUS DESIGNATED PLACE, MARTIN COUNTY, 2012- 2013 (2- YEAR ESTIMATES)

	Jensen Beach CDP		Palm City CDP		Hobe Sound CDP		Indiantown CDP		Port Salerno CDP	
	Estimate	Percent Change	Estimate	Percent Change	Estimate	Percent Change	Estimate	Percent Change	Estimate	Percent Change
SEX										
Total population	11,819	-1.8%	23,466	0.5%	12,617	-2.3%	6,604	-1.9%	10,079	1.6%
Male	5,901	3.8%	11,043	3.0%	6,017	-3.2%	3,535	5.8%	5,098	-2.0%
Female	5,918	-6.9%	12,423	-1.5%	6,600	-1.4%	3,069	-10.8%	4,981	5.2%
AGE										
Median age (years)	53.6	1.7%	49.2	0.6%	53.7	0.6%	29.3	-0.3%	45.6	-0.7%
RACE										
Total population	11,819	-1.8%	23,466	0.5%	12,617	-2.3%	6,604	-1.9%	10,079	1.6%
White	11,531	0.2%	22,140	-0.8%	11,411	-0.5%	3,224	-25.3%	8,471	-0.9%
Black or African American	150	-46.0%	199	-3.9%	773	-27.4%	999	14.1%	844	16.7%
American Indian and Alaska Native	2		51	15.9%	30	-43.3%	176	1.1%	142	-31.7%
Asian	21	-36.4%	467	79.6%	1	-2000.0%	37	-27.0%	120	30.0%
Native Hawaiian and Other Pacific Islander	0	-100.0%	0		0		0		0	
Two or more races	71	-60.1%	497	21.8%	70	-27.1%	99	-7.1%	221	19.9%
Some other race	65	30.0%	374	31.2%	351	11.1%	2,069	27.2%	332	16.9%
HISPANIC OR LATINO AND RACE										
Total population	11,819	-1.8%	23,466	0.5%	12,617	-2.3%	6,604	-1.9%	10,079	1.6%
Hispanic or Latino (of any race)	330	-24.5%	1,517	-5.4%	1,217	9.9%	4,349	-7.2%	1,171	-1.5%
Not Hispanic or Latino	11,489	-1.0%	21,949	1.0%	11,400	-3.5%	2,255	8.3%	8,908	2.0%

Source: U.S Census Bureau, American Community Survey, 2012-2013
 Compiled by: Health Council of Southeast Florida, 2015

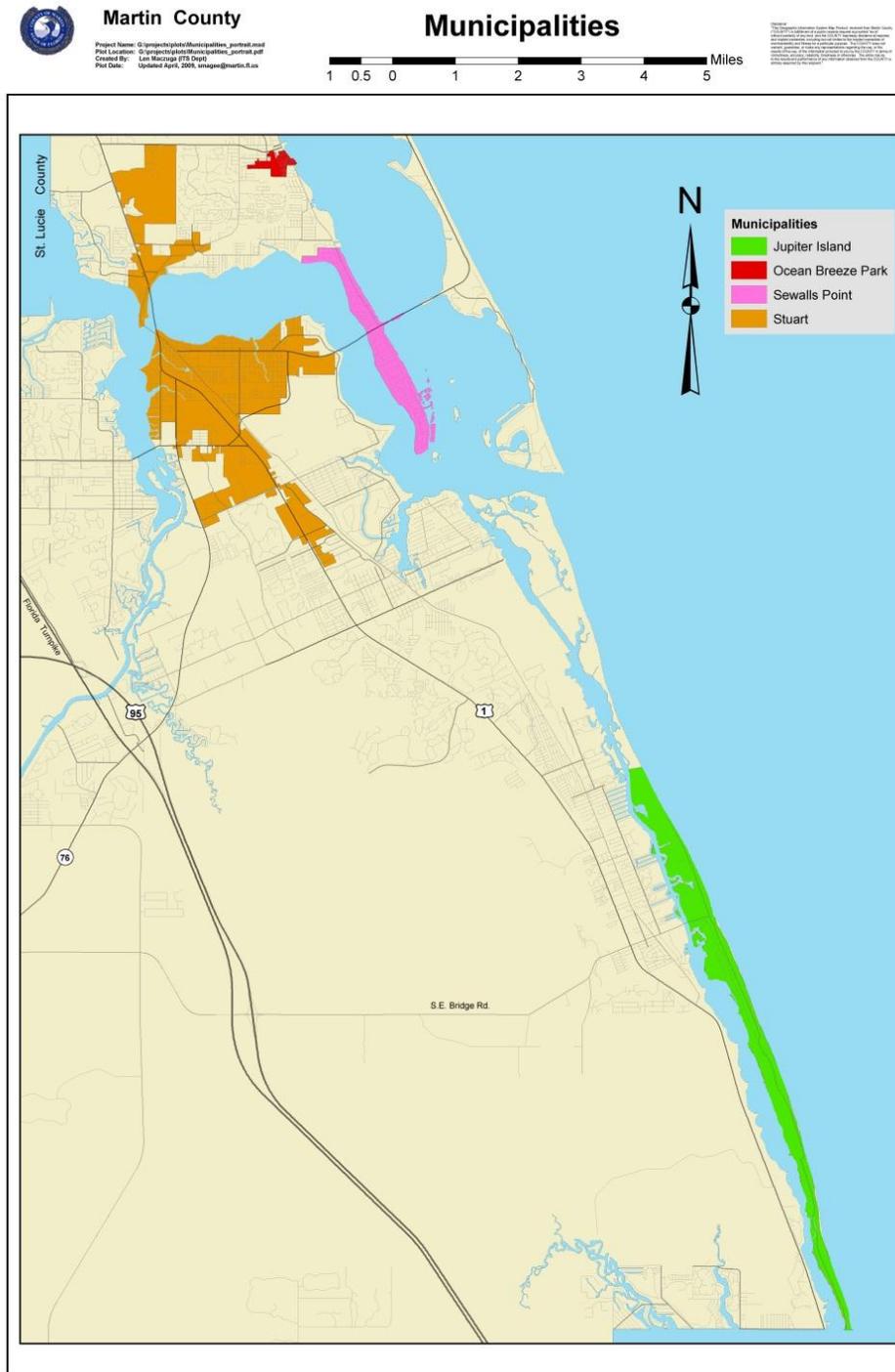
Municipality

The term "municipal governments" refers to political subdivisions within which a municipal corporation has been established to provide general local government for a specific population concentration in a defined area, and includes all active government units officially designated as cities, boroughs towns and villages.

This concept corresponds generally to the "incorporated places" that are recognized in Census Bureau reporting of population and housing statistics, subject to an important qualification – the count of municipal governments in this report excludes places that are currently governmentally inactive.

The incorporated areas in Martin County consist of: Jupiter Island, Ocean Breeze Park, Sewalls Point and Stuart. Figure 5 shows a map of the municipalities in Martin County.

FIGURE 4: MAP OF MUNICIPALITIES IN MARTIN COUNTY



Source: http://geoweb.martin.fl.us/downloads/Districts_Boundaries/Municipalities_portrait.pdf

POPULATION GROWTH/CHANGE

The table below reflects the population change, by age bracket, in Martin County between 2012 and 2013. Overall, there was a 1.8% increase in total population. Though the total population increased 1.8% from 2012 to 2013, there are subgroups of the population which increased and decreased at disproportionate rates and this can have implications for health care planning. The 75 - 79 year old age group represented the largest percent change with a 17.6% increase in the time period shown. The 85 and over age group experienced population decreases of just under 23.0%.

TABLE 10: POPULATION CHANGE BY AGE GROUP, MARTIN COUNTY, 2012-2013

	2012	2013	% Change 2012-2013
Total	148,552	151,263	1.8%
Under 5 years	6,176	6,248	1.2%
5 to 9 years	6,877	7,047	2.5%
10 to 14 years	7,683	7,349	-4.3%
15 to 19 years	7,610	8,621	13.3%
20 to 24 years	6,974	6,319	-9.4%
25 to 29 years	6,602	7,411	12.3%
30 to 34 years	6,438	7,516	16.7%
35 to 39 years	6,425	6,033	-6.1%
40 to 44 years	8,244	8,492	3.0%
45 to 49 years	10,078	9,445	-6.3%
50 to 54 years	11,361	10,859	-4.4%
55 to 59 years	11,038	12,309	11.5%
60 to 64 years	10,873	10,539	-3.1%
65 to 69 years	11,164	12,584	12.7%
70 to 74 years	9,557	8,704	-8.9%
75 to 79 years	7,967	9,370	17.6%
80 to 84 years	6,694	7,183	7.3%
85 years and over	6,791	5,234	-22.9%
Median age (years)	50.5	50.8	0.6%

Source: US Census Bureau, Population Division, 2013

Note: The estimates are based on the 2010 Census and reflect changes to the April 1, 2010 population due to the Count Question Resolution program and geographic program revisions.

Median age is calculated based on single year of age. For population estimates methodology statements, see <http://www.census.gov/popest/methodology/index.html>.

Compiled by: Health Council of Southeast Florida, 2015

SOCIOECONOMIC CHARACTERISTICS

Socioeconomic status can influence access to care and health outcomes. The socioeconomic variables and indicators reported in this community health assessment include measures on: poverty, income levels, education, employment/unemployment status, public assistance benefits housing, transportation and crime.

POVERTY

Poverty can create many difficulties for individuals, families and the communities in which they live. Poverty often hinders access to a variety of services including proper medical care and nutrition. There are different terms commonly used to reflect certain levels of poverty. The U.S. Census Bureau employs 'poverty thresholds' which are statistical calculations used to ascertain the number of poor persons. The Department of Health and Human Services uses 'poverty guidelines' to determine eligibility for certain programs.²

The table below shows the 2015 Federal Poverty level (FPL) guidelines by family size

TABLE 11: POVERTY GUIDELINES, 2015

Family Size	Percent of Poverty Guideline								
	100%	120%	133%	135%	150%	175%	185%	200%	250%
1	11,770.00	14,124.00	15,654.10	15,889.50	17,655.00	20,597.50	21,774.50	23,540.00	29,425.00
2	15,930.00	19,116.00	21,186.90	21,505.50	23,895.00	27,877.50	29,470.50	31,860.00	39,825.00
3	20,090.00	24,108.00	26,719.70	27,121.50	30,135.00	35,157.50	37,166.50	40,180.00	50,225.00
4	24,250.00	29,100.00	32,252.50	32,737.50	36,375.00	42,437.50	44,862.50	48,500.00	60,625.00
5	28,410.00	34,092.00	37,785.30	38,353.50	42,615.00	49,717.50	52,558.50	56,820.00	71,025.00
6	32,570.00	39,084.00	43,318.10	43,969.50	48,855.00	56,997.50	60,254.50	65,140.00	81,425.00
7	36,730.00	44,076.00	48,850.90	49,585.50	55,095.00	64,277.50	67,950.50	73,460.00	91,825.00
8	40,890.00	49,068.00	54,383.70	55,201.50	61,335.00	71,557.50	75,646.50	81,780.00	102,225.00

Source: Medicaid.gov, 2015

Notes: For family units of more than 8 members, add \$4,060 for each additional member.

Compiled by: Health Council of Southeast Florida, 2015

² <http://aspe.hhs.gov/poverty/faq.shtml#programs>

Individuals in Poverty/ Children in Poverty

This area measures the percent of children in poverty, as defined by the federal poverty threshold. The table below shows individuals by age and gender in 2013 who have been below the poverty level in the past 12 months. Just under one fifth (17.6%) of Martin County's population under age 18 were below the poverty level.

TABLE 12: POVERTY STATUS IN THE PAST 12 MONTHS BY AGE AND GENDER, MARTIN COUNTY AND FLORIDA, 2013

	Martin County			Florida		
	Total	Below poverty level	% below poverty level	Total	Below poverty level	% below poverty level
Population for whom poverty status is determined	148,305	19,444	13.1%	19,129,950	3,253,333	17.0%
AGE						
Under 18 years	25,705	4,532	17.6%	3,954,275	968,765	24.5%
Related children under 18 years	25,564	4,391	17.2%	3,935,989	951,379	24.2%
18 to 64 years	80,568	11,703	14.5%	11,597,278	1,902,676	16.4%
65 years and over	42,032	3,209	7.6%	3,578,397	381,892	10.7%
SEX						
Male	71,710	9,302	13.0%	9,292,498	1,484,913	16.0%
Female	76,595	10,142	13.2%	9,837,452	1,768,420	18.0%

Source: US Census, Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Families in Poverty

Table 13 shows families with related children less than 18 years of age living in poverty in 2013. In Martin County, 17.0% of families with related children had income below the poverty level in the past 12 months.

TABLE 13: POVERTY STATUS IN THE LAST 12 MONTHS, FAMILIES, MARTIN COUNTY AND FLORIDA, 2013

	Martin County, Florida		Florida	
	Total	Percent below poverty level	Total	Percent below poverty level
Families	38,821	7.5%	4,626,388	12.4%
With related children under 18 years	13,184	17.0%	1,963,437	20.3%

Source: US Census, Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows grandparents living with grandchildren under 18 as well as grandparents who are responsible for their own grandchildren in Martin County by Census County Divisions (CCD), race, ethnicity, gender and poverty status. In 2013, there was a reported total number of 1,128 grandparents in Martin County who were responsible for their grandchildren. In 2013, 50.0% of Stuart CCD grandparents were responsible for grandchildren, almost thirty percent (29.2%) of these grandparents lived below the poverty level during this period.

TABLE 14: GRANDPARENTS, MARTIN COUNTY, 2013

	Martin County		Indiantown CCD		Port Salerno-Hobe Sound CCD		Stuart CCD	
	Total	% Grandparents responsible for grandchildren	Total	% Grandparents responsible for grandchildren	Total	% Grandparents responsible for grandchildren	Total	% Grandparents responsible for grandchildren
Living with own grandchildren under 18 years	2,453	1,128	610	238	892	414	951	476
RACE								
White	70.6%	72.4%	37.7%	25.6%	88.7%	94.7%	74.8%	76.5%
Black or African American	15.8%	17.1%	27.0%	24.8%	6.6%	5.3%	17.1%	23.5%
American Indian and Alaska Native	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Asian	4.4%	0.0%	4.9%	0.0%	0.0%	0.0%	8.1%	0.0%
Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Some other race	8.4%	9.4%	28.4%	44.5%	3.7%	0.0%	0.0%	0.0%
Two or more races	0.9%	1.1%	2.0%	5.0%	1.0%	0.0%	0.0%	0.0%
ETHNICITY								
Hispanic or Latino origin (of any race)	16.9%	12.8%	48.0%	54.2%	13.0%	2.4%	0.5%	1.1%
White alone, not Hispanic or Latino	62.1%	69.1%	18.0%	16.0%	79.4%	92.3%	74.2%	75.4%
SEX								
Male	40.8%	37.1%	41.6%	42.9%	44.5%	38.6%	36.7%	32.8%
Female	59.2%	62.9%	58.4%	57.1%	55.5%	61.4%	63.3%	67.2%
LABOR FORCE STATUS								
In labor force	52.3%	57.5%	68.2%	75.6%	46.2%	54.8%	47.9%	50.8%
DISABILITY STATUS								
With any disability	20.1%	13.5%	12.6%	17.2%	26.2%	15.5%	19.2%	9.9%
POVERTY STATUS IN THE PAST 12 MONTHS								
Income in the past 12 months below poverty level	18.3%	22.0%	19.3%	25.2%	10.5%	11.8%	24.9%	29.2%
Income in the past 12 months at or above poverty level	81.7%	78.0%	80.7%	74.8%	89.5%	88.2%	75.1%	70.8%
PRESENCE OF PARENT(S) OF GRANDCHILDREN								
No parent of grandchildren present	10.2%	22.3%	6.9%	17.6%	11.0%	23.7%	11.7%	23.3%

Source: U.S Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

ALICE & Poverty

ALICE, an acronym for **A**sset **L**imited, **I**ncome **C**onstrained, **E**mloyed, are households that earn more than the U.S. poverty level, but less than the basic cost of living for the county. Combined, the number of poverty and ALICE households equals the total population struggling to afford basic needs. ³ The table below shows the total households, the percentage of ALICE population and poverty in towns in Martin County in 2013.

TABLE 15: POVERTY STATUS IN THE LAST 12 MONTHS, FAMILIES, MARTIN COUNTY AND FLORIDA, 2013

Town	Total Households	% ALICE & Poverty
Hobe Sound CDP	5,639	48.0%
Indiantown CDP	1,459	55.0%
North River Shores CDP	1,536	43.0%
Palm CDP	9,252	27.0%
Port Salerno-Hobe Sound CCD	25,241	38.0%
Rio CDP	419	50.0%
Stuart CCD	28,652	41.0%

Adapted from: United Way ALICE Report, 2013

Notes: Municipal-level data; municipal often relies on 3-and 5- year average, is not available for the smallest towns that don't report income and may overlap with Census Designated Places (CDP)

Compiled by: Health Council of Southeast Florida, 2015

³ United Way: ALICE Report: Florida. <http://www.uwof.org/alice>

Poverty Status by CCD

This area measures the percent of Martin County residents living in poverty, as defined by the federal poverty threshold. The table below shows individuals by Census County Division in 2013 who have been living below the poverty level in the past 12 months. Just over one fifth (20.9%) of Indiantown residents were below the poverty level. Nearly 45.0% of unemployed residents of the Indiantown CCD have been living below the poverty level.

TABLE 16: POVERTY STATUS BY CCD, MARTIN COUNTY, 2013

	Martin County		Indiantown CCD		Port Salerno-Hobe Sound CCD		Stuart CCD	
	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level
Population for whom poverty status is determined	18,766	13.0%	4,054	20.9%	6,685	11.1%	8,027	12.3%
AGE								
Under 18 years	5,450	21.5%	1,532	31.5%	1,899	19.0%	2,019	19.2%
Related children under 18 years	5,373	21.2%	1,532	31.5%	1,854	18.6%	1,987	18.9%
18 to 64 years	10,811	13.7%	2,340	20.8%	3,667	11.5%	4,804	13.5%
65 years and over	2,505	6.2%	182	5.4%	1,119	6.1%	1,204	6.4%
SEX								
Male	9,481	13.4%	2,196	22.5%	3,245	11.0%	4,040	12.8%
Female	9,285	12.5%	1,858	19.2%	3,440	11.1%	3,987	11.9%
RACE								
White	12,917	10.2%	2,500	17.9%	4,841	9.0%	5,576	9.5%
Black or African American	2,743	37.6%	706	44.5%	780	29.1%	1,257	41.6%
American Indian and Alaska Native	8	1.3%	0	0.0%	8	3.5%	0	0.0%
Asian	220	15.4%	55	21.7%	30	7.6%	135	17.3%
Native Hawaiian and Other Pacific Islander	0	0.0%	0	-	0	0.0%	0	-
Some other race	2,643	38.7%	740	25.1%	967	40.1%	936	63.8%
Two or more races	235	10.2%	53	11.1%	59	6.3%	123	13.9%
ETHNICITY								
Hispanic or Latino origin (of any race)	6,252	34.6%	2,339	35.0%	2,319	34.4%	1,594	34.4%
White alone, not Hispanic or Latino	9,561	8.2%	1,113	10.4%	3,515	7.1%	4,933	8.8%
EMPLOYMENT STATUS								
Civilian labor force 16 years and over	6,616	9.9%	1,149	13.2%	2,517	9.1%	2,950	9.7%
Employed	4,261	7.3%	543	7.4%	1,579	6.5%	2,139	8.1%
Unemployed	2,355	27.6%	606	44.9%	938	29.10%	811	20.5%

Source: U.S. Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Poverty Status by CDP

This area measures the percent of Martin County residents living in poverty, as defined by the federal poverty threshold. The table below shows individuals by Census Designated Place in 2013 who have been living below the poverty level in the past 12 months. Just over three fifths (62.4%) of Indiantown's Black or African American residents were below the poverty level. Nearly 44.0% of Hispanic or Latino residents of the Port Salerno CDP have been living below the poverty level.

TABLE 17: POVERTY STATUS BY CDP, MARTIN COUNTY, 2013

	Jensen Beach CDP		Palm City CDP		Hobe Sound CDP		Indiantown CDP		Port Salerno CDP	
	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level	Below poverty level	Percent below poverty level
Population for whom poverty status is determined	1,415	12.0%	1,191	5.1%	1,572	12.7%	1,767	26.8%	1,535	15.5%
AGE										
Under 18 years	224	14.4%	331	7.2%	485	24.2%	735	35.5%	487	23.7%
Related children under 18 years	212	13.7%	331	7.2%	476	23.9%	735	35.5%	465	22.9%
18 to 64 years	1,005	14.6%	492	3.9%	843	13.1%	989	26.5%	778	14.0%
65 years and over	186	5.6%	368	6.0%	244	6.1%	43	5.4%	270	11.6%
SEX										
Male	799	13.5%	413	3.7%	878	14.8%	1,013	28.70%	832	16.60%
Female	616	10.5%	778	6.3%	694	10.7%	754	24.60%	703	14.30%
RACE										
White	1,388	12.1%	1,126	5.1%	1,034	9.2%	847	26.3%	1,154	13.8%
Black or African American	9	6.2%	25	12.6%	261	34.0%	623	62.4%	289	34.7%
American Indian and Alaska Native	0	-	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Asian	0	0.0%	40	8.6%	0	-	0	0.0%	30	25.2%
Native Hawaiian and Other Pacific Islander	0	-	0	-	0	-	0	-	0	-
Some other race	0	0.0%	0	0.0%	277	84.5%	292	14.1%	36	12.8%
Two or more races	18	25.4%	0	0.0%	0	0.0%	5	5.1%	26	11.8%
ETHNICITY										
Hispanic or Latino origin (of any race)	32	9.8%	54	3.6%	320	26.6%	1,240	28.5%	512	43.7%
White alone, not Hispanic or Latino	1,356	12.1%	1,072	5.1%	991	9.5%	99	8.1%	704	9.3%
EMPLOYMENT STATUS										
Civilian labor force 16 years and over	419	7.2%	406	3.8%	631	11.1%	375	13.8%	470	9.8%
Employed	301	5.9%	249	2.6%	479	9.4%	209	9.0%	309	7.2%
Unemployed	118	16.2%	157	13.3%	152	26.8%	166	42.1%	161	32.40%

Source: U.S. Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

INCOME

Per Capita Income

Income and financial resources often influence health as they facilitate access to resources and services including: health insurance, medical care, healthy food, safe housing and other basic goods.

Per capita income is calculated by adding all income in an area and dividing by the total population. While per capita income provides some indication of the financial situation in an area, it does not provide insight into the distribution of that wealth or the disparities within an area.

The table below shows per capita income and median earnings for Martin County and Florida in 2013. Earnings are defined as the sum of income from wages, salary and self-employment. Income includes monies from wages, salary, self-employment, interest, dividends, real estate, estates, trust, social security, SSI, public assistance, retirement, survivor and disability income. In 2013, the per capita income in Martin County was \$25,834, which was \$7,451 less than the state mean of \$33,285.

Median earning is used to depict the middle point of earnings distribution within a given area. In other words, it is the amount that would divide the income distribution within an area into two groups. This measure is not as affected by a few extreme values as an average, such as per capita income. The median earnings for workers were \$26,873, lower than the state median of \$28,617.

TABLE 18: PER CAPITA INCOME AND EARNINGS, MARTIN COUNTY AND FLORIDA, 2013

	Martin County	Florida
Per capita income (dollars)	\$25,834	\$33,285
Median earnings for workers (dollars)	\$26,873	\$28,617
Median earnings for male full-time, year-round workers (dollars)	\$40,809	\$45,866
Median earnings for female full-time, year-round workers (dollars)	\$34,419	\$40,012

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Household Income

Household income reflects the total amount of income of all workers within a household. A household is all people who occupy a housing unit; the occupants may or may not be related.

The table below shows households by income bracket in Martin County and Florida in 2013. Just under a quarter of households (24.0%) in Martin County had income less than \$25,000. Over a fifth of all households (24.0%) had income of \$100,000 or greater for the year.

Over forty-seven percent of households had incomes that included Social Security, as compared to 36.3% in Florida. And, 24.6% of households had incomes that included retirement, as compared to 19.3% in the state.

TABLE 19: HOUSEHOLD INCOME, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Total households	61,546	61,546	7,211,584	7,211,584
Less than \$10,000	3,912	6.4%	593,608	8.2%
\$10,000 to \$14,999	3,075	5.0%	423,408	5.9%
\$15,000 to \$24,999	7,771	12.6%	885,779	12.3%
\$25,000 to \$34,999	8,335	13.5%	847,478	11.8%
\$35,000 to \$49,999	7,892	12.8%	1,100,262	15.3%
\$50,000 to \$74,999	8,951	14.5%	1,309,633	18.2%
\$75,000 to \$99,999	6,824	11.1%	774,887	10.7%
\$100,000 to \$149,999	7,474	12.1%	740,655	10.3%
\$150,000 to \$199,999	3,315	5.4%	253,241	3.5%
\$200,000 or more	3,997	6.5%	282,633	3.9%
Median household income (dollars)	49,444	(X)	46,036	(X)
Mean household income (dollars)	79,621	(X)	65,728	(X)
With earnings	39,140	63.6%	5,185,976	71.9%
Mean earnings (dollars)	77,535	(X)	66,331	(X)
With Social Security	29,413	47.8%	2,615,333	36.3%
Mean Social Security income (dollars)	19,427	(X)	17,861	(X)
With retirement income	15,150	24.6%	1,389,254	19.3%
Mean retirement income (dollars)	32,077	(X)	24,748	(X)
With Supplemental Security Income	1,601	2.6%	357,787	5.0%
Mean Supplemental Security Income (dollars)	11,784	(X)	9,195	(X)
With cash public assistance income	608	1.0%	162,371	2.3%
Mean cash public assistance income (dollars)	N	N	2,749	(X)
With Food Stamp/SNAP benefits in the past 12 months	4,958	8.1%	1,089,738	15.1%

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Family Income

The table below reflects the income and benefits of families in Martin County and in Florida in 2013 by income bracket. A family, as defined by the US Census Bureau is a household in which the householder and all (one or more) other people living in the same household are related to the householder by blood, marriage or adoption. In Martin County in 2013, 14.4% of families had annual income of less than \$25,000. Over 9.0% had income \$200,000 or more, which was higher than the state rate of 5.1%.

TABLE 20: FAMILY INCOME AND BENEFITS, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Families	38,821	38,821	4,626,388	4,626,388
Less than \$10,000	1,069	2.8%	246,127	5.3%
\$10,000 to \$14,999	1,271	3.3%	167,967	3.6%
\$15,000 to \$24,999	3,218	8.3%	435,804	9.4%
\$25,000 to \$34,999	4,299	11.1%	502,220	10.9%
\$35,000 to \$49,999	5,372	13.8%	703,490	15.2%
\$50,000 to \$74,999	5,820	15.0%	924,118	20.0%
\$75,000 to \$99,999	5,753	14.8%	596,477	12.9%
\$100,000 to \$149,999	5,764	14.8%	601,788	13.0%
\$150,000 to \$199,999	2,590	6.7%	211,421	4.6%
\$200,000 or more	3,665	9.4%	236,976	5.1%
Median family income (dollars)	66,714	(X)	55,774	(X)
Mean family income (dollars)	97,057	(X)	76,713	(X)

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

GINI Index

The Gini index is a measurement of the income distribution of a county's residents. This number varies between 0 and 1 and is based on residents' net income. A value of 0 indicates a perfect equality, where there is a proportional distribution of income. A value of 1 indicates perfect inequality, where one household has all the income and others have no income.

The table below shows the Gini index for Florida, Martin County and the surrounding counties. In 2013, the Gini index was 0.51 in Martin County, slightly higher than the state (0.48).

TABLE 21: GINI INDEX, MARTIN COUNTY AND FLORIDA, 2013

	Gini Index
Florida	0.484
Martin County	0.518
Surrounding Counties:	
St. Lucie County	0.490
Okeechobee County	0.486
Palm Beach County	0.519
Glades County	0.415
Hendry County	0.479

Source: US Census Bureau, American Community Survey, 2013
Compiled by: Health Council of Southeast Florida, 2015

HOMELESS

The table below show the number of homeless adults and children who reside in Martin County, as of January 2015. This count is not estimated in the census residential population estimates. There was an estimated 504 homeless residents living in Martin County, with 18.8% being children and 81.2% were adults.

TABLE 22: HOMELESSNESS IN MARTIN COUNTY, AS OF JANUARY, 2015

	Martin County	
	Number	Percent
Adults	409	81.2%
Children	95	18.8%
Total	504	100.0%

Source: Treasure Coast Homeless Services Council, Inc., 2015
Compiled by: Health Council of Southeast Florida, 2015

The table below shows the number of homeless disabled and unemployed adults in Martin County, as of January 2015. Ninety-nine homeless individuals self-reported as adults with disabilities and 96 self-reported as unemployed.

TABLE 23: DISABLED AND UNEMPLOYMENT HOMELESSNESS IN MARTIN COUNTY, AS OF JANUARY, 2015

	Martin County	
	Number	
Disabled Adults	99	
Unemployed Adults	96	

Source: Treasure Coast Homeless Services Council, Inc., 2015
Compiled by: Health Council of Southeast Florida, 2015

The table below shows the reasons for homelessness in Martin County in 2015. Ninety-six individuals reported employment as the primary reason for homelessness; therefore, suggesting that the primary reason for homelessness in Martin County was "Employment".

TABLE 24: REASON FOR HOMELESSNESS IN MARTIN COUNTY, AS OF JANUARY, 2015

	Martin County	
	Number	
Employment	96	
Housing	35	
Disability	59	
Family Problems	31	
Substance Abuse	28	

Source: Treasure Coast Homeless Services Council, Inc., 2015
Compiled by: Health Council of Southeast Florida, 2015

EDUCATION

School Enrollment

The table below shows school enrollment by school type in Martin County and in Florida. In 2013, over 31,000 individuals ages 3 and over in Martin County were enrolled in school. Of those enrolled, 6.7% were in preschool, 4.4% were in kindergarten, 38.3% were in elementary school, 21.1% were in high school and over a quarter were in college or graduate school.

TABLE 25: SCHOOL ENROLLMENT, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Population 3 years and over enrolled in school	31,373	31,373	4,643,948	4,643,948
Nursery school, preschool	2,095	6.7%	287,571	6.2%
Kindergarten	1,389	4.4%	229,382	4.9%
Elementary school (grades 1-8)	12,023	38.3%	1,361,504	29.3%
High school (grades 9-12)	6,619	21.1%	955,176	20.6%
College or graduate school	9,247	29.5%	1,361,504	29.3%

Source: U.S Census Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Early Education School Enrollment

The table below shows Martin County's early education school enrollment. In 2013, nearly 600 individuals in Martin County were reportedly enrolled in Prekindergarten (Pre-K). Of those, 54.4% were in Voluntary Prekindergarten (VPK) and 45.6% were in Head Start.

TABLE 26: EARLY EDUCATION SCHOOL ENROLLMENT, MARTIN COUNTY AND FLORIDA, 2013-2014

	Martin County	
	Total	Percent
Pre-K	592	100.0%
Head Start	270	45.6%
VPK	322	54.4%

Source: Martin County School Board, Annual Report, 2013- 2014

Compiled by: Health Council of Southeast Florida, 2015

Public and Private School Enrollment

The table below shows private and public school enrollment by school type in Martin County and in Florida. In 2013, Over 31,000 individuals ages 3 and over in Martin County were enrolled in school. Of those, 87.5% were in a public school, as compared to 12.5% enrolled in a private school. In 2013, 91.3% of Martin County students were enrolled in a public high school and 8.7% were enrolled in a private school.

TABLE 27: PUBLIC AND PRIVATE SCHOOL ENROLLMENT BY SCHOOL TYPE, MARTIN COUNTY AND FLORIDA, 2013

	Martin County			Florida		
	Total	In public school	In private school	Total	In public school	In private school
Population 3 years and over enrolled in school	31,373	87.5%	12.5%	4,643,948	82.7%	17.3%
Nursery school, preschool	2,095	62.0%	38.0%	287,571	56.0%	44.0%
Kindergarten	1,389	86.5%	13.5%	229,382	86.3%	13.7%
Elementary: grade 1 to grade 4	6,283	88.8%	11.2%	888,197	88.3%	11.7%
Elementary: grade 5 to grade 8	5,740	96.0%	4.0%	922,118	88.9%	11.1%
High school: grade 9 to grade 12	6,619	91.3%	8.7%	955,176	89.4%	10.6%
College, undergraduate	7,861	85.0%	15.0%	1,135,010	79.1%	20.9%
Graduate, professional school	1,386	81.5%	18.5%	226,494	56.3%	43.7%
Percent of age group enrolled in school						
3 and 4 years	64.7%	59.1%	40.9%	49.6%	53.9%	46.1%
5 to 9 years	97.6%	89.6%	10.4%	95.8%	86.2%	13.8%
10 to 14 years	98.8%	94.4%	5.6%	98.3%	88.9%	11.1%
15 to 17 years	99.3%	89.6%	10.4%	96.5%	89.6%	10.4%
18 and 19 years	58.7%	90.6%	9.4%	73.1%	86.6%	13.4%
20 to 24 years	58.9%	87.7%	12.3%	42.1%	80.6%	19.4%
25 to 34 years	10.5%	89.7%	10.3%	14.4%	72.3%	27.7%
35 years and over	2.8%	76.1%	23.9%	2.6%	64.4%	35.6%

Source: U.S Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Educational Attainment

Educational attainment often influences socioeconomic status. As previously noted, low socioeconomic status can hinder access to health care services and can result in less desirable health outcomes.

The table below shows the highest degree or level of education attained by the population 25 years and older in Martin County and in Florida in 2012. In the county, 87.9% of the population had obtained a high school diploma or higher and 30.2% held a bachelor's degree or higher; both rates were a bit higher than the state.

TABLE 28: EDUCATIONAL ATTAINMENT, MARTIN COUNTY AND FLORIDA, 2012

	Martin County		Florida	
	Number	Percent	Number	Percent
Population 25 years and over	112,465	112,465	13,503,747	13,503,747
Less than 9th grade	6,354	5.6%	719,287	5.3%
9th to 12th grade, no diploma	7,256	6.5%	1,102,171	8.2%
High school graduate (includes equivalency)	29,377	26.1%	4,020,195	29.8%
Some college, no degree	25,575	22.7%	2,802,225	20.8%
Associate's degree	9,922	8.8%	1,236,800	9.2%
Bachelor's degree	22,557	20.1%	2,329,936	17.3%
Graduate or professional degree	11,424	10.2%	1,293,133	9.6%
Percent high school graduate or higher	(X)	87.9%	(X)	86.5%
Percent bachelor's degree or higher	(X)	30.2%	(X)	26.8%

Source: U.S Census Bureau, American Community Survey, 2012

Compiled by: Health Council of Southeast Florida, 2015

High School Graduation Rates

The table below shows graduation rates in Martin County and Florida from the 2009-10 through 2013-14 academic school year. During the time period shown, the rate in Martin County increased from 75.5% to 88.8% and was consistently higher than the rate in Florida.

TABLE 29: GRADUATION RATES, MARTIN COUNTY AND FLORIDA, 2009- 2010 THROUGH 2013-2014

	2009-10	2010-11	2011-12	2012-13	2013-14
Martin	75.5%	82.4%	84.9%	87.7%	88.8%
Florida	69.0%	70.6%	74.5%	75.6%	76.1%

Source: 2013-14 Florida Department of Education (FDOE) cohort graduation data as of 2/25/2015

Compiled by: Health Council of Southeast Florida, 2015

School Performance

The table below shows school grades from schools in Martin County from 2010 to 2014. Schools indicated as type 01 are elementary schools, 02 are middle schools, 03 are high schools and 04 are combination. School grades for elementary and middle schools are determined by a combination of factors including learning gains and performance measures. Grades from high school include consideration of other measures. The table below shows the school grades and figure 6 shows a map of school locations in Martin County.

TABLE 30: MARTIN COUNTY SCHOOL GRADES, 2010- 2014 (PRELIMINARY)

School Name	School Type	2010	2011	2012	2013	2014 Preliminary
Bessey Creek Elementary School	01	A	A	A	A	A
Citrus Grove Elementary	01	A	A	A	A	A
Clark Advanced Learning Center	03	A	A	A	A	A
Crystal Lake Elementary School	01	B	A	A	B	A
Dr. David L. Anderson Middle School	02	A	A	A	B	C
Felix A Williams Elementary School	01	A	A	B	B	C
Hidden Oaks Middle School	02	A	A	A	A	A
Hobe Sound Elementary School	01	A	A	A	B	C
Indiantown Middle School	04	A	A	A	B	C
J. D. Parker School Of Technology	01	C	A	B	C	D
Jensen Beach Elementary School	01	A	A	A	B	B
Jensen Beach High School	03	A	B	A	A	A
Martin County High School	03	B	B	A	A	A
Martin County Jail	03	NR	NR	NR	NR	I
Murray Middle School	02	A	A	A	B	B
Palm City Elementary School	01	A	A	A	A	A
Pinewood Elementary School	01	C	B	B	C	C
Port Salerno Elementary School	01	B	A	B	C	C
Sandy Pines	04	NR	NR	NR	NR	I
Sea Wind Elementary School	01	B	A	A	B	C
South Fork High School	03	A	B	A	A	A
Stuart Middle School	02	A	A	A	A	A
Warfield Elementary School	01	A	A	A	A	A

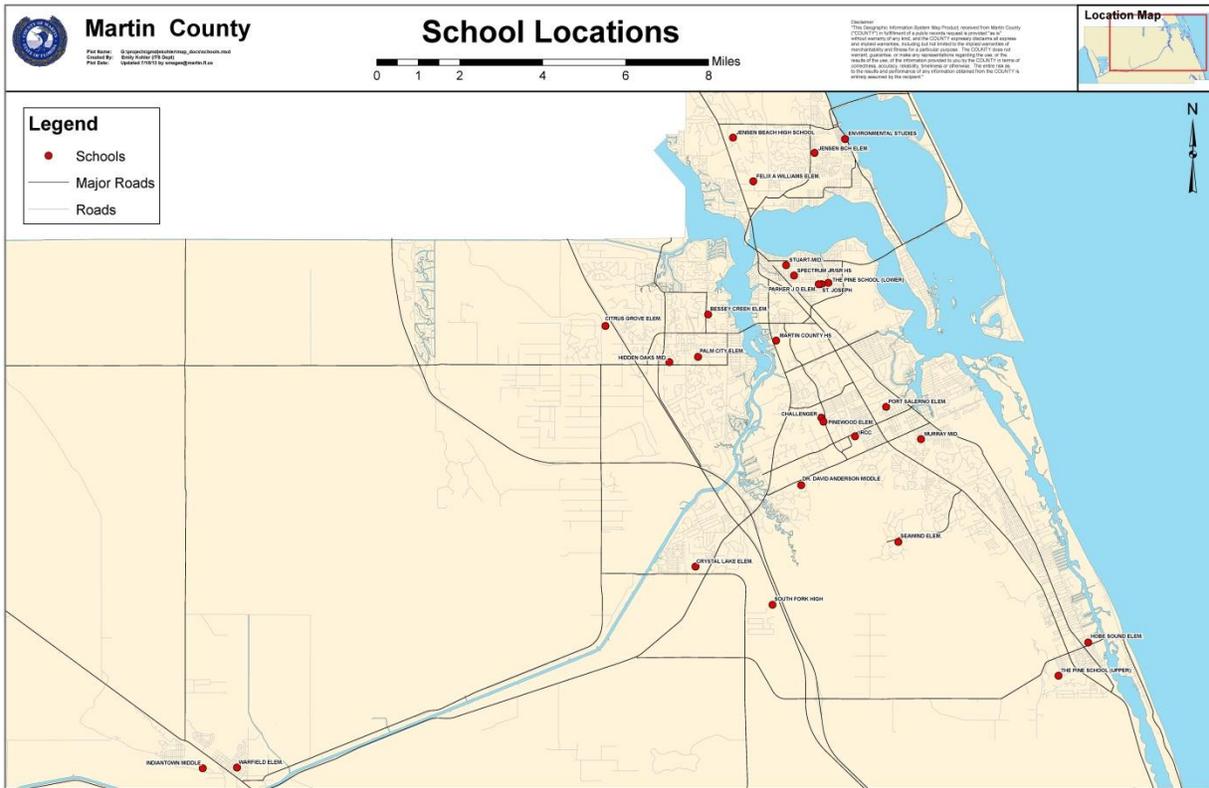
Source: Florida Department of Education, 2014

Notes: Legend for School Types: 01=Elementary; 02=Middle; 03=High; 04=Combination, NR indicates none reported

Notes: Schools that serve high school grade levels will receive a grade based on a weighting of state-assessment-based components and other components for which data are not currently available. The word "Pending" will appear as their school grade until the other components are available near the end of 2014

Compiled by: Health Council of Southeast Florida, 2015

FIGURE 5: MAP OF MARTIN COUNTY SCHOOL LOCATIONS



Source: http://geoweb.martin.fl.us/downloads/Districts_Boundaries/Schools.pdf

Standardized Test Scores

The table below shows the percentage of students in Martin County, by grade level, who scored 3 or above on the reading and mathematics section of the Florida Comprehensive Test 2.0 (FCAT) in the years 2012 – 2014. Scoring ranges from one (lowest) to five (highest), with three representing a satisfactory performance in the assessed grade and subject.

TABLE 31: PERCENTAGE OF STUDENTS PASSING (SCORE OF 3 AND ABOVE), MARTIN COUNTY, 2012- 2014

Grade	Reading			Mathematics		
	2012	2013	2014	2012	2013	2014
3	66%	59%	58%	65%	59%	63%
4	66%	62%	62%	65%	68%	67%
5	63%	64%	63%	61%	59%	62%
6	68%	65%	63%	63%	55%	58%
7	63%	68%	60%	64%	58%	56%
8	67%	65%	69%	66%	53%	37%
9	70%	69%	63%	NA	NA	NA
10	65%	71%	67%	NA	NA	NA

Source: Florida Department of Education, 2014
 Note: NA indicates the FCAT 2.0 was not given that year or is not administered for the selected grade level.
 Note: The Spring 2011 FCAT 2.0 Reading and Mathematics and Spring 2012 FCAT 2.0 Science scores were reported as FCAT Equivalent Scores in order to maintain consistent expectations for student performance during the transition year. FCAT Equivalent Scores for these years have been converted to the established FCAT 2.0 scales and are provided in this database so that stakeholders and the general public are able to see what the scores would have been if the established score scales and Achievement Levels had been approved and implemented at that time.
 Compiled by: Health Council of Southeast Florida, 2015

BUSINESS AND EMPLOYMENT

Unemployment

High rates of unemployment can affect the financial stability of individuals within a community, this can lead to decreased expenditures for health care and can result in higher rates of uninsured.

The table below shows employment status of the population 16 years and older in Martin County and in Florida in 2013. In Martin County there were 66,532 individuals in the labor force, constituting 51.7% of the county’s population. Individuals in the labor force include those who are currently working, as well as those who are not working but are actively looking for a job and available to start work. In Martin County, 8.9% of the labor force was unemployed, just under 1 percentage point less than in Florida as a whole.

TABLE 32: EMPLOYMENT STATUS, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Population 16 years and over	128,749	128,749	15,996,701	15,996,701
In labor force	66,532	51.7%	9,422,271	58.9%
Civilian labor force	66,402	51.6%	9,369,264	58.6%
Employed	60,518	47.0%	8,459,990	52.9%
Unemployed	5,884	4.6%	909,274	5.7%
Armed Forces	130	0.1%	53,007	0.3%
Not in labor force	62,217	48.3%	6,574,430	41.1%
Civilian labor force	66,402	66,402	9,369,264	9,369,264
Percent Unemployed	(X)	8.9%	(X)	9.7%

Source: US Census, Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Work Status

The table below shows the work status of the population 16 years and older in Martin County by Census County Division (CCD) in 2013. In Martin County, 28.1% of the population ages 16-64 did not work in the past 12 months in 2013. In the Indiantown CCD almost 40% of the population ages 16-64 did not work in the past 12 months in 2013.

TABLE 33: WORK STATUS IN THE LAST 12 MONTHS IN MARTIN COUNTY BY CCD, 2013

	Martin County	Indiantown CCD	Port Salerno-Hobe Sound CCD	Stuart CCD
Population 16 to 64 years	84,137	13,243	33,326	37,568
WEEKS WORKED				
Worked 50 to 52 weeks	50.1%	41.5%	53.6%	50.1%
Worked 40 to 49 weeks	6.9%	6.9%	7.2%	6.6%
Worked 27 to 39 weeks	5.5%	5.0%	5.1%	6.0%
Worked 14 to 26 weeks	3.9%	2.4%	4.0%	4.4%
Worked 1 to 13 weeks	5.5%	4.4%	5.4%	6.0%
Did not work	28.1%	39.8%	24.7%	26.9%
USUAL HOURS WORKED				
Usually worked 35 or more hours per week	52.9%	49.0%	54.2%	53.1%
Usually worked 15 to 34 hours per week	15.7%	9.2%	17.6%	16.3%
Usually worked 1 to 14 hours per week	3.3%	2.1%	3.5%	3.7%
Did not work	28.1%	39.8%	24.7%	26.9%
Mean usual hours worked for workers	38.1	39.3	37.7	38.1

Source: U.S Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Employer Size & Industry

The table below shows the number and percentage of workers by industry in Martin County and in Florida in 2013. The greatest percentage of workers in the county, 22.1%, were in the educational services, and health care and social assistance industry.

TABLE 34: INDUSTRY, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	%	Number	%
Civilian employed population 16 years and over	60,518		8,459,990	
Agriculture, forestry, fishing and hunting, and mining	353	0.6%	87,734	1.0%
Construction	5,905	9.8%	575,346	6.8%
Manufacturing	3,368	5.6%	436,499	5.2%
Wholesale trade	1,506	2.5%	246,113	2.9%
Retail trade	7,458	12.3%	1,143,428	13.5%
Transportation and warehousing, and utilities	2,245	3.7%	425,324	5.0%
Information	949	1.6%	175,355	2.1%
Finance and insurance, and real estate and rental and leasing	3,432	5.7%	655,929	7.8%
Professional, scientific, and management, and administrative and waste management services	7,952	13.1%	1,056,064	12.5%
Educational services, and health care and social assistance	13,374	22.1%	1,770,023	20.9%
Arts, entertainment, and recreation, and accommodation and food services	7,706	12.7%	1,042,305	12.3%
Other services, except public administration	3,802	6.3%	466,198	5.5%
Public administration	2,468	4.1%	379,672	4.5%

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

The table below shows the number and percentage of workers in Martin County and in Florida by occupation. Over a third of individuals in the county were in management, business, science, and arts occupations and over a quarter were in sales and office occupations.

TABLE 35: OCCUPATION, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Civilian employed population 16 years and over	60,518	60,518	8,459,990	8,459,990
Management, business, science, and arts occupations	22,011	36.4%	2,840,400	33.6%
Service occupations	12,083	20.0%	1,755,834	20.8%
Sales and office occupations	15,467	25.6%	2,332,493	27.6%
Natural resources, construction, and maintenance occupations	6,053	10.0%	768,599	9.1%
Production, transportation, and material moving occupations	4,904	8.1%	762,664	9.0%

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

The table below shows the employed population 16 years and older in Martin County and in Florida by the class of worker. The majority, 80.3%, of workers in Martin County were private wage or salary workers. There was a higher percentage of self-employed business workers, 7.6% in the county, than in the state (5.6%).

TABLE 36: CLASS OF WORKER, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Civilian employed population 16 years and over	60,518	60,518	8,459,990	8,459,990
Private wage and salary workers	48,610	80.3%	6,929,128	81.9%
Government workers	7,127	11.8%	1,042,700	12.3%
Self-employed in own not incorporated business workers	4,576	7.6%	476,451	5.6%
Unpaid family workers	205	0.3%	11,711	0.1%

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

PUBLIC ASSISTANCE BENEFITS

School Lunch Program

Specific schools are identified as Provision 2 schools, where meals are served to all students at no charge, while other students are given eligibility for free and reduced lunch based on the community eligibility provision, which uses information from other programs, such as Supplemental Nutrition Assistance Program (SNAP), to qualify a student for free or reduced price lunch.

The table below shows students in Martin County and in Florida eligible for free or reduced priced lunch during the 2013-14 school year. During this time period, 29.6% of the total members were eligible for free lunch and an additional 3.9% were eligible for reduced lunch.

TABLE 37: FREE AND REDUCED LUNCH STATUS, MARTIN COUNTY AND FLORIDA, SY 2013-2014

	Total Members	#Free	#Reduced Priced	#Provision 2	#Direct Cert
Martin	18,792	5,555	736	1,180	712
Florida	2,720,797	1,305,139	170,822	40,217	74,451

Source: Florida Department of Education, 2014

Notes: Free = The student is eligible for free lunch; Reduced Priced = The student is eligible for reduced-price lunch; Provision 2 = The student is enrolled in a USDA-approved Provision 2 school; Direct Cert = The student is enrolled in a USDA – approved Community Eligibility Provision (CEP) school and is identified as eligible for free meals based upon the Direct Certification determination or the extension of eligibility to the household due to eligibility of an identified direct certified student.

Compiled by: Health Council of Southeast Florida, 2015

Table 38 shows the number and percentages of students eligible for free/reduced price lunch for 2014 to 2015. Of the total 19,101 students, 43.0% were found to be eligible for free/reduced price lunch for this school year.

TABLE 38: STUDENTS QUALIFYING FOR FREE/REDUCED LUNCH, 2014-2015

School Name	Total Members	% Eligible	Eligible for Free or Reduced Price Lunch			
			# Free	# Reduced Price	# Provision 2	CEP # Direct Cert
All Martin County Schools	19,101	43.0%	5,914	519	1,250	530
Elementary Schools						
BESSEY CREEK ELEMENTARY SCHOOL	552	19.7%	93	16	0	0
CITRUS GROVE ELEMENTARY	611	21.3%	114	16	0	0
CRYSTAL LAKE ELEMENTARY SCHOOL	598	36.0%	198	17	0	0
FELIX A WILLIAMS ELEM SCHOOL	676	37.7%	233	22	0	0
HOBE SOUND ELEMENTARY SCHOOL	638	53.0%	311	27	0	0
J. D. PARKER SCHOOL OF TECHNOL	657	54.0%	347	8	0	0
JENSEN BEACH ELEMENTARY SCHOOL	615	46.7%	261	26	0	0
PALM CITY ELEMENTARY SCHOOL	668	19.2%	113	15	0	0
PINEWOOD ELEMENTARY SCHOOL	779	48.4%	370	7	0	0
PORT SALERNO ELEMENTARY SCHOOL	802	66.1%	0	0	0	530
SEA WIND ELEMENTARY SCHOOL	704	52.1%	340	27	0	0
WARFIELD ELEMENTARY SCHOOL	735	100.0%	0	0	735	0
Middle Schools						
DR. DAVID L. ANDERSON MIDDLE S	949	55.8%	481	49	0	0
HIDDEN OAKS MIDDLE SCHOOL	1,032	16.4%	150	19	0	0
INDIANTOWN MIDDLE SCHOOL	514	100.0%	0	0	514	0
MURRAY MIDDLE SCHOOL	771	47.7%	335	33	0	0
STUART MIDDLE SCHOOL	940	39.0%	330	37	0	0
High Schools						
JENSEN BEACH HIGH SCHOOL	1,794	27.7%	456	41	0	0
MARTIN COUNTY HIGH SCHOOL	2,129	36.2%	699	72	0	0
SOUTH FORK HIGH SCHOOL	1,938	38.5%	675	72	0	0
SPECTRUM JUNIOR/SENIOR HIGH SC	59	69.5%	41	0	0	0
Alternative/Charter Schools and Academies						
CHALLENGER SCHOOL	35	62.9%	21	1	0	0
CLARK ADVANCED LEARNING CENTER	248	22.2%	43	12	0	0
ESE HOMEBOUND	15	33.3%	4	0	1	0
INFANT-TODDLERS EXCEPTIONAL ED	10	20.0%	2	0	0	0
MARTIN COUNTY GIRLS ACADEMY	20	100.0%	20	0	0	0
PK EARLY INTERVENTION	176	27.8%	47	2	0	0
PREKINDERGARTEN PROGRAMS	263	85.6%	225	0	0	0
RIVERBEND ACADEMY	120	1.7%	2	0	0	0
PROJECT SEARCH	10	30.0%	3	0	0	0
TEEN PARENT INDIANTOWN	11	0.0%	0	0	0	0
THE HOPE CHARTER CENTER FOR AU	32	0.0%	0	0	0	0

Source: Florida Department of Education, Automated Student Information Database, 2014-2015

*Free= The student is eligible for free lunch.

*Reduce Price= The student is eligible for reduced-price lunch.

*Provision 2= The student is enrolled in a USDA-approved Provision 2 school.

*Direct Cert= The student is enrolled in a USDA – approved Community Eligibility Provision (CEP) school and is identified as eligible for free meals based upon the Direct Certification determination or the extension of eligibility to the household due to eligibility of an identified direct certified student.

Compiled By: Health Council of Southeast Florida, 2015

HOUSING

Housing Units

The table below shows the total number of housing units in Martin County and in Florida in 2013, as well as the proportion of those units that are occupied and vacant. A housing unit is considered to be occupied if it is the current place of residence of the person or group of people who are living there when data was gathered or if those individuals are absent from the residence only temporarily (two months or less). In 2013, 78.7% of the housing units in Martin County were occupied.

TABLE 39: HOUSING OCCUPANCY, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Total housing units	78,158		9,047,973	
Occupied housing units	61,546	78.7%	7,211,584	79.7%
Vacant housing units	16,612	21.3%	1,836,389	20.3%

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Median Housing Price

The table below shows occupied housing units, by value bracket, as well as the median housing unit value in Martin County and in Florida in 2013. The median value in the county was \$191,100, which was nearly \$38,000 more than the median value in the state.

TABLE 40: HOUSING VALUE, OWNER-OCCUPIED UNITS, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Owner-occupied units	45,138	45,138	4,672,482	4,672,482
Less than \$50,000	5,126	11.4%	541,100	11.6%
\$50,000 to \$99,999	5,537	12.3%	930,170	19.9%
\$100,000 to \$149,999	6,386	14.1%	805,674	17.2%
\$150,000 to \$199,999	6,510	14.4%	723,090	15.5%
\$200,000 to \$299,999	8,568	19.0%	801,517	17.2%
\$300,000 to \$499,999	7,988	17.7%	548,109	11.7%
\$500,000 to \$999,999	3,576	7.9%	238,223	5.1%
\$1,000,000 or more	1,447	3.2%	84,599	1.8%
Median (dollars)	191,100	(X)	153,300	(X)

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

Average Rent

The table below shows rental units, by rent bracket in Martin County and in Florida in 2013 as well as the median rent. The median rent in Martin County was \$912, just lower than the state median rent of \$972.

TABLE 41: GROSS RENT, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Number	Percent	Number	Percent
Occupied units paying rent	15,081	15,081	2,419,717	2,419,717
Less than \$200	115	0.8%	27,054	1.1%
\$200 to \$299	101	0.7%	45,795	1.9%
\$300 to \$499	736	4.9%	106,100	4.4%
\$500 to \$749	3,243	21.5%	413,375	17.1%
\$750 to \$999	5,549	36.8%	697,658	28.8%
\$1,000 to \$1,499	3,752	24.9%	791,497	32.7%
\$1,500 or more	1,585	10.5%	338,238	14.0%
Median (dollars)	\$912	(X)	\$972	(X)
No rent paid	1,327	(X)	119,385	(X)

Source: US Census, Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

TRANSPORTATION

Number of Vehicles Available

The table below shows the number and percent of households in Martin County and in Florida by the total number of vehicles. In 2013, 3.5% or just over 2,100 households in Martin County had no vehicle available.

TABLE 42: VEHICLES AVAILABLE BY HOUSEHOLD, MARTIN COUNTY AND FLORIDA, 2013

	Martin County		Florida	
	Estimate	Percent	Estimate	Percent
Total Households	61,546		7,211,584	
No vehicle available	2,158	3.5%	520,686	7.2%
1 vehicle available	26,448	43.0%	3,001,852	41.6%
2 vehicles available	25,593	41.6%	2,717,772	37.7%
3 or more vehicles available	7,347	11.9%	971,274	13.5%

Source: US Census Bureau, American Community Survey, 2013

Compiled by: Health Council of Southeast Florida, 2015

CRIME

Crime in a community can influence health status both as a result of direct injury from the crimes themselves and as a result of the emotional stress present in areas of high crime.

The table below shows arrests in Martin County in 2012 and 2013 by type of arrest and the breakdown by arresting agency for 2013. The total number of arrests decreased over 20% from 9,525 in 2012 to 7,560 in 2013. The arrest rate per 100,000 was highest at the Stuart Police Department, though the greatest number of arrests was by the Martin County Sheriff's Office.

TABLE 43: ARRESTS BY AGENCY, MARTIN COUNTY, 2013

Agency/County	Year	Total Arrests	Arrest Rate per 100,000	Total Adult Arrests	Total Juvenile Arrests	Murder	Forcible Sex Offenses	Robbery	Aggravated Assault	Burglary	Larceny	Motor Vehicle Theft
Martin County	2012	9,525	6,470.7	8,831	694	3	17	29	155	177	635	26
Martin County	2013	7,560	5,105.5	7,102	458	3	19	27	104	107	659	2
Martin County Sheriff's Office	2013	5,691	4,396.8	5,362	329	2	19	25	76	100	408	0
Stuart Police Department	2013	1,132	7,158.2	1,061	71	1	0	2	26	5	251	2
Jupiter Island Police Department	2013	6	735.3	6	0	0	0	0	0	1	0	0
Sewalls Point Police Department	2013	24	1,192.3	24	0	0	0	0	0	1	0	0
Martin DOC Inspector General	2013	2		1	1	0	0	0	0	0	0	0
Martin - DEP Div of Law Enforce	2013	0		0	0	0	0	0	0	0	0	0
DABT Martin	2013	11		11	0	0	0	0	0	0	0	0
Martin - Florida Game Comm	2013	350		314	36	0	0	0	0	0	0	0
FHP - Martin Co	2013	344		323	21	0	0	0	2	0	0	0

Source: Florida Department of Law Enforcement, Uniform Crime Report, 2013
Compiled by: Health Council of Southeast Florida, 2015

HEALTH STATUS PROFILE

This section provides data on Martin County's health status for the following health indicator categories: Maternal and Child Health, Behavioral Health, Morbidity and Mortality. The data presented herein can be used to identify health care priorities and to inform policy and program development.

Data in this section may be presented as age-adjusted rates or as crude rates. Age-adjustment, also called age standardization, is a statistical technique utilized to better allow populations to be compared when the age profiles and distributions within the populations are different.⁴ Age-adjusted rates are often used to answer the question, “How does the rate in my county compare to the rate in another even though the distribution of persons by age may vary?”⁵ The frequency with which health events occur is almost always related to age. Therefore, in order to examine other risk factors independent of age, age adjustments are often used in public health analyses. The 2000 US Standard population is often used as a guideline to calculate age-adjusted rates.⁶ Crude rates, conversely, are the total number of events in a given population over a period of time.⁷ Crude rates are useful in examining the burden of disease or death on a community.

⁴ <http://seer.cancer.gov/seerstat/tutorials/aarates/definition.html>

⁵ <http://www.floridacharts.com/charts/calculate.aspx?RepID=6>

⁶ <http://www.floridacharts.com/charts/calculate.aspx?RepID=6>

⁷ <http://medical-dictionary.thefreedictionary.com/crude+rate>

MATERNAL & CHILD HEALTH

PRENATAL CARE

The table below shows births to mothers with first trimester prenatal care in Martin County and in Florida for the years 2009-2013. Trimester prenatal care is calculated as the time elapsed from the date of the last menstrual period to the date of the first prenatal care visit. In 2013, 68.3% of births to mothers residing in Martin County had first trimester prenatal care. This was 11.6 percentage points lower than the state (79.9%), as well as 9.6 percentage points lower the Healthy People 2020 benchmark (77.9%).

TABLE 44: BIRTHS TO MOTHERS WITH 1ST TRIMESTER PRENATAL CARE, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	812	72.9%	154,752	78.3%
2010	885	74.4%	147,843	79.3%
2011	818	71.9%	154,294	80.3%
2012	755	69.8%	159,307	80.0%
2013	774	68.3%	159,880	79.9%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013

Notes: Trimester prenatal care began is calculated as the time elapsed from the date of the last menstrual period to the date of the first prenatal care visit.

Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
Prenatal care beginning in 1st trimester = 77.9%*

The table below shows births to mothers with third trimester prenatal care in Martin County and in Florida for the years 2009-2013. In 2013, 7.5% of births to mother's residing in Martin County had third trimester prenatal care, which was 2.6 percentage points higher than the state (4.9%).

TABLE 45: BIRTHS TO MOTHERS WITH 3RD TRIMESTER OR NO PRENATAL CARE, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	61	5.5%	9,890	5.0%
2010	53	4.5%	8,496	4.6%
2011	65	5.7%	8,543	4.4%
2012	68	6.3%	9,543	4.8%
2013	85	7.5%	9,717	4.9%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013

Notes: Trimester prenatal care began is calculated as the time elapsed from the date of the last menstrual period to the date of the first prenatal care visit.

Compiled by: Health Council of Southeast Florida, 2015

Kotelchuck Index

The Kotelchuck Index, also called the Adequacy of Prenatal Care Utilization (APNCU) uses two elements: when prenatal care began (initiation) and the number of prenatal visits until delivery (received services). Adequate prenatal care has a score of 80% or greater on the Kotelchuck Index.⁸ The table below shows the level of adequate prenatal care by age group in Martin County in 2013 using the Kotelchuck Index. During the time period shown, 50.0% of mothers in the 15 to 19 age group received inadequate and intermediate prenatal care. In 2013, nearly 30.0% of mothers in the 20-24 age group received inadequate prenatal care.

TABLE 46: BIRTHS BY MOTHER'S AGE BY KOTELCHUCK PRENATAL CARE INDEX, MARTIN COUNTY, 2013

	Age							Total
	15-19	20-24	25-29	30-34	35-39	40-44	45 +	
Inadequate Prenatal Care	31	73	62	49	18	6	0	239
Intermediate Prenatal Care	8	37	44	23	13	3	1	129
Adequate Prenatal Care	25	72	106	117	47	9	4	380
Adequate Plus Prenatal care	12	63	112	117	66	12	0	382
Unknown	1	9	7	14	7	1	0	39
Total	77	254	331	320	151	31	5	1,169

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

⁸ Utah University. Kotelchuck Index <http://health.utah.gov/opa/IBIShelp/kotelchuck.html>

The table below shows the number of mothers who had less than adequate prenatal care using the Kotelchuck Index by ethnicity and zip code in Martin County. Using the Kotelchuck Index to determine adequate care, the number of births in Martin County when the mother had less than adequate prenatal care (calculated using only births with known prenatal care status) was highest among mothers residing in zip code 34997 (Stuart).

TABLE 47: LESS THAN ADEQUATE PRENATAL CARE (KOTELCHUCK INDEX) BY ETHNICITY AND RESIDENT ZIP CODE, MARTIN COUNTY, 2013

	Hispanic					Non-Hispanic or Haitian			Total
	Cuban	Mexican	Other/ Unknown	Puerto Rican	Total	Haitian	Non- Hispanic	Total	
33455	0	7	2	0	9	0	31	31	40
33469	0	0	0	0	0	0	1	1	1
33475	0	0	0	0	0	0	0	0	0
33478	0	0	0	0	0	0	0	0	0
34956	0	20	43	1	64	0	11	11	75
34957	1	2	5	0	8	1	24	25	33
34990	0	0	2	1	3	0	24	24	27
34994	0	11	6	2	19	3	32	35	54
34996	0	0	1	0	1	0	13	13	14
34997	2	16	39	6	63	0	59	59	122
99999	0	0	0	0	0	0	2	2	2
Total	3	56	98	10	167	4	197	201	368

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013

Note: Zip code 99999 represents unknown zip codes of mothers with less than adequate prenatal care.

Compiled by: Health Council of Southeast Florida, 2015

OVERWEIGHT AND OBESITY

Clear evidence indicates that a woman's pre-pregnancy weight is an independent predictor of many adverse outcomes of pregnancy for the woman and her baby.⁹ Women who have a BMI greater than 25 when they become pregnant have an increased risk of having a C-section, developing gestational diabetes, hypertension, preeclampsia and postpartum weight retention. Women who are underweight when they become pregnant have a higher risk of having a preterm or low-birth weight baby.¹⁰ The table below shows the number of births by mother's pre-pregnancy weight in Martin County in 2013. During the time period shown, 24.4% of mothers were considered overweight pre-pregnancy and 21.5% of mothers were considered to be obese pre-pregnancy in the county.

TABLE 48: BIRTHS BY MOTHER'S PRE-PREGNANCY BMI, MARTIN COUNTY, 2013

BMI	Number	Percent
Total	1,169	1,169
Underweight (< 18.5)	48	4.1%
Normal Weight (18.5-24.9)	555	47.5%
Overweight (25.0-29.9)	285	24.4%
Obese I (30.0-34.9)	155	13.3%
Obese II (BMI 35.0-39.9)	61	5.2%
Obese III (BMI >=40.0)	35	3.0%
Unknown BMI	30	2.6%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2014
Compiled by: Health Council of Southeast Florida, 2015

The table below shows the rate of births to overweight mothers at the time the pregnancy occurred in Martin County and in Florida for the years 2009–2013. During the time period shown, the count and percentage of overweight mothers gradually increased both in Martin County and the state of Florida. In 2013, the percent of Births to Overweight Mothers at the Time of Pregnancy Occurred was 24.4% in Martin County, a 1.7% decrease from the previous year's percent of 26.1%.

TABLE 49: BIRTHS TO OVERWEIGHT MOTHERS AT THE TIME PREGNANCY OCCURRED, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	260	22.4%	51,454	23.2%
2010	318	25.9%	50,480	23.5%
2011	307	25.9%	50,524	23.7%
2012	294	26.1%	50,636	23.8%
2013	285	24.4%	51,950	24.1%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2004-2013
Compiled by: Health Council of Southeast Florida, 2015

⁹Institute of Medicine (IOM) and National Research Council: Implementing Guidelines on Weight Gain & Pregnancy. Retrieved on March 16, 2015, from: <http://www.iom.edu/~media/Files/About%20the%20IOM/Pregnancy-Weight/ProvidersBro-Final.pdf>

¹⁰Institute of Medicine (IOM) and National Research Council: Implementing Guidelines on Weight Gain & Pregnancy. Retrieved on March 16, 2015, from: <http://www.iom.edu/~media/Files/About%20the%20IOM/Pregnancy-Weight/ProvidersBro-Final.pdf>

The table below shows the rate of births to obese mothers at the time the pregnancy occurred in Martin County and in Florida for the years 2009–2013. In 2013, the percent of births to obese mothers was 21.5%, slightly higher than in Florida.

TABLE 50: BIRTHS TO OBESE MOTHERS AT THE TIME PREGNANCY OCCURRED, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	229	19.7%	43,095	19.5%
2010	252	20.6%	42,331	19.7%
2011	256	21.6%	43,913	20.6%
2012	237	21.0%	43,940	20.6%
2013	251	21.5%	45,252	21.0%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

WIC

The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) provides Federal grants to States for supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, and non-breastfeeding postpartum women, and to infants and children up to age five who are found to be at nutritional risk.¹¹

Table 51 shows the number of individuals eligible for WIC benefits who were served in 2009 through 2013. During the time period shown, the percentage of WIC eligible individuals served fluctuated in both Martin County and Florida, however, Martin County consistently had higher percentages than the state as a whole.

TABLE 51: WIC ELIGIBLES SERVED, MARTIN COUNTY, 2010-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	3,466	110.0%	496,969	83.9%
2010	3,222	103.5%	486,911	83.8%
2011	2,988	94.6%	491,267	84.6%
2012	2,940	93.0%	477,368	80.4%
2013	2,717	85.0%	454,651	77.3%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

Women, Infants, and Children (WIC). <http://www.fns.usda.gov/wic/women-infants-and-children-wic>

Overweight and Obese

The table below shows the number of WIC children greater than or equal to 2 years old who are overweight or obese in Martin County and Florida, 2009-2013. There was a declining trend in the percentage of WIC children greater than or equal to 2 years old who were overweight or obese in Martin County during this time period. However, Martin County consistently had a higher percentage than Florida as a whole in the category.

TABLE 52: WIC CHILDREN >= 2 WHO ARE OVERWEIGHT OR OBESE, MARTIN COUNTY AND FLORIDA, 2010-2013

Year	Martin	Florida
	Rate (%)	Rate (%)
2009	38.1%	29.7%
2010	37.3%	29.5%
2011	34.9%	28.8%
2012	34.0%	28.3%
2013	29.3%	27.6%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Table 53 shows the number of WIC children greater than or equal to 2 years old who are overweight or obese in Martin County and its surrounding counties in 2013. All five counties had a higher percentage of overweight and obese children greater than or equal to 2 years old than the state. In 2013, Martin County ranked lowest among the surrounding counties with 29.3% and Palm Beach County had the highest with 35.0%.

TABLE 53: WIC CHILDREN >=2 WHO ARE OVERWEIGHT OR OBESE, MARTIN COUNTY AND SELECT FLORIDA COUNTIES, 2013

	Rate (%)
Florida	27.6%
County	
Indian River	30.4%
Martin	29.3%
Okeechobee	31.5%
Palm Beach	35.0%
St. Lucie	31.3%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
 Compiled by: Health Council of Southeast Florida, 2015

BIRTH RATES

Total Births

The table below shows the birth count and rate in Martin County and in Florida for the years 2009–2013. In 2013, there were 1,169 live births in Martin County, a rate of 7.9 per 1,000, lower than the state’s rate as a whole.

TABLE 54: TOTAL RESIDENT LIVE BIRTHS, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin County		Florida	
	Count	Rate per 1,000	Count	Rate per 1,000
2009	1,163	8.0	221,391	11.8
2010	1,226	8.4	214,519	11.4
2011	1,185	8.1	213,237	11.3
2012	1,126	7.6	212,954	11.2
2013	1,169	7.9	215,194	11.1

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

Birth Rates by Age of Mother

The table below reflects the number and percentage of births by mother’s age bracket for in Martin County for the years 2009-2013. The number of teen pregnancies decreased from 122 in 2009 to 77 in 2013.

TABLE 55: BIRTHS BY MOTHER'S AGE, MARTIN COUNTY, 2009-2013

Mother's Age	2009		2010		2011		2012		2013	
	Number	% of Total								
0-14	2	0.2%	2	0.2%	1	0.1%	0	0.0%	0	0.0%
15-17	40	3.4%	22	1.8%	31	2.6%	13	1.2%	22	1.9%
18-19	80	6.9%	79	6.4%	65	5.5%	57	5.1%	55	4.7%
20-24	255	21.9%	294	24.0%	278	23.5%	257	22.8%	254	21.7%
25-29	324	27.9%	327	26.7%	344	29.0%	350	31.1%	331	28.3%
30-34	261	22.4%	290	23.7%	280	23.6%	278	24.7%	320	27.4%
35-39	160	13.8%	152	12.4%	134	11.3%	140	12.4%	151	12.9%
40-44	38	3.3%	57	4.6%	47	4.0%	28	2.5%	31	2.7%
45 +	3	0.3%	3	0.2%	5	0.4%	3	0.3%	5	0.4%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	1,163		1,226		1,185		1,126		1,169	

Source: Florida Department of Health, Bureau of Vital Statistics, 2013
Data Note: Mother's county of residence
Compiled by: Health Council of Southeast Florida, 2015

Teenage Birth Rates and Repeat Teenage Birth Rates

The tables below show the number and percent of repeat births by mother's age in Martin County and in Florida for the years 2009-2013. Rate of repeat births is calculated by dividing the number of repeat births to mothers in an age group by the number of births to mothers in that age group. In 2013, the rate of repeat births to mothers in the 18-19 age group was slightly higher in Martin County (23.6%) than in Florida (19.6%), however it is important to note that rates calculated on a small number of occurrences are affected considerably by even a small change in the number of occurrences.

TABLE 56: REPEAT BIRTHS TO MOTHERS AGES 15-17, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	4	10.0%	602	9.5%
2010	1	4.5%	486	9.0%
2011	3	9.7%	391	8.3%
2012	2	15.4%	314	7.4%
2013	0	0.0%	274	7.4%

Source: FloridaCHARTS, Bureau of Vital Statistics, 2013

Notes: This measure is calculated by dividing the number of repeat births in the specified age group by the total number of births in that same age group.

Compiled by: Health Council of Southeast Florida, 2015

TABLE 57: REPEAT BIRTHS TO MOTHERS AGES 18-19, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	21	26.3%	3,561	22.7%
2010	20	25.3%	2,926	21.3%
2011	16	24.6%	2,597	20.9%
2012	10	17.5%	2,379	20.3%
2013	13	23.6%	2,009	19.6%

Source: FloridaCHARTS, Bureau of Vital Statistics, 2013

Notes: This measure is calculated by dividing the number of repeat births in the specified age group by the total number of births in that same age group.

Compiled by: Health Council of Southeast Florida, 2015

BIRTH WEIGHT

Proper prenatal care and healthy behaviors during pregnancy can reduce the likelihood of low birth weight babies.

Very Low Birth Weight

The table below shows the number and percent of babies born at very low birth weight, under 1,500 grams (~3.3 pounds) in Martin County and in Florida in 2013. Just over 2% of live births in the county were very low birth weight babies, a percent slightly higher than the state's at 1.5% and higher than the Healthy People 2020 target of 1.4%.

TABLE 58: LIVE BIRTHS UNDER 1500 GRAMS (VERY LOW BIRTH WEIGHT), MARTIN COUNTY AND FLORIDA, 2013

	Count	Rate (%)
Martin	24	2.1%
Florida	3,311	1.5%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013

Compiled by: Health Council of Southeast Florida 2015

*Healthy People 2020 Target
Very low birth weight = 1.4% of births*

Low Birth Weight

The table below shows the number and percent of babies born at low birth weight, under 2,500 grams (~5.5 pounds) in Martin County and in Florida in 2013. The percent of low birth weight babies was slightly lower in the county (8.0%) than in the state (8.5%). The percentages in both areas were higher than the Healthy People 2020 target of 7.8%.

TABLE 59: LIVE BIRTHS UNDER 2500 GRAMS (LOW BIRTH WEIGHT), MARTIN COUNTY AND FLORIDA, 2013

	Count	Rate (%)
Martin	93	8.0%
Florida	18,371	8.5%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013

Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
Low birth weight = 7.8%*

The table below shows the counts of live births classified as being “low birth weight,” or weighing less than 2,500 grams by city and Zip Code in Martin County, 2013.

TABLE 60: LOW BIRTH WEIGHT (<2500 GRAMS) BY RESIDENT ZIP CODE, MARTIN COUNTY, 2013

City	Zip Code	Low Birth Weight
Hobe Sound	33455	4
	33475	0
Jupiter	33469	0
	33478	0
Indiantown	34956	9
Jensen Beach/ Ocean Breeze Park	34957	16
Palm City	34990	12
Stuart	34994	17
	34997	29
Sewalls Point/Stuart	34996	4

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
 Compiled by: Health Council of Southeast Florida, 2015

INFANT MORTALITY

Infant Deaths

The table below shows infant mortality, the number of infant deaths per 1,000 live births, in Martin County and in Florida for the years 2009 – 2013. Infant death is defined as the death of a baby between 0 – 364 days of life. The rate in the county fluctuated between 1.6 and 7.1 per 1,000 live births during the time period shown. It is important to consider that with indicators with a small numbers of occurrences, the rate is considerably affected by even a small change in the number of occurrences.

TABLE 61: INFANT DEATH PER 1,000 LIVE BIRTHS, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate per 1,000 live births	Count	Rate per 1,000 live births
2009	4	3.4	1,525	6.9
2010	2	1.6	1,400	6.5
2011	5	4.2	1,372	6.4
2012	8	7.1	1,285	6.0
2013	8	6.8	1,318	6.1

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013

Compiled by: Health Council of Southeast Florida, 2015

Healthy People 2020 Target
Infant deaths within 1 year = 6.0 per 1,000 live births

Fetal Deaths

The table below shows the number and rate of fetal deaths in Martin County and in Florida for the years 2009 – 2013. A fetal death is a stillborn fetus or baby delivered after 20 weeks gestation. During the time period shown, the rate in the county ranged from 2.7 to 6.0 per 1,000 deliveries. The rate in the county was consistently lower than the rate in Florida as a whole.

TABLE 62: FETAL DEATHS PER 1,000 DELIVERIES, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate per 1,000	Count	Rate per 1,000
2009	7	6.0	1,569	7.0
2010	7	5.7	1,551	7.2
2011	6	5.0	1,558	7.3
2012	3	2.7	1,530	7.1
2013	7	6.0	1,533	7.1

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013

Compiled by: Health Council of Southeast Florida, 2015

BREASTFEEDING

The table below reflects the count and percentage of mothers who initiated breastfeeding in Martin County and Florida for the years 2010-2013. During this time period nearly 80% of mothers both Martin County and Florida consistently initiated breastfeeding. In 2013, 82.5% of mothers initiated breastfeeding in Florida, exceeding 80.3% in Martin County that year.

TABLE 63: MOTHERS WHO INITIATE BREASTFEEDING, MARTIN COUNTY AND FLORIDA, 2010-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2010	982	80.1	171,905	80.1
2011	960	81.0	169,717	79.6
2012	900	79.9	172,427	81.0
2013	939	80.3	177,535	82.5

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2014
 Compiled by: Health Council of Southeast Florida, 2015

IMMUNIZATION

Kindergarten Immunization

Immunization is one of public health's leading health indicators and a primary defense against some of the most deadly and debilitating diseases known. If a community or population has 'herd immunity', the large number of individuals who are immune to a disease, such as those vaccinated, can reduce the probability of an infection spreading to those who are not immune.

The table below shows the number and percent of kindergarteners who were immunized in Martin County and Florida in the years 2009–2013. The immunizations include: diphtheria, tetanus, pertussis, polio, measles, mumps, rubella, Haemophilus influenza type b, hepatitis B, and varicella (chickenpox). The percentage of kindergarten students in Martin County who had received all of their immunizations in 2013 was 92.0%. This percent was slightly lower than the state (93.2%).

TABLE 64: IMMUNIZATION LEVELS IN KINDERGARTEN, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate (%)	Count	Rate (%)
2009	1,336	90.2%	199,638	91.3%
2010	1,399	93.6%	200,264	91.3%
2011	1,427	93.2%	208,766	92.6%
2012	1,403	92.5%	216,027	92.1%
2013	1,408	92.0%	217,945	93.2%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Immunization, 2013

Compiled by: Health Council of Southeast Florida, 2015

Vaccine Preventable Diseases

The table below shows the number and rate of vaccine preventable diseases in Martin County and Florida for the years 2008 – 2012. Vaccine preventable diseases include diphtheria, acute hepatitis B, measles, mumps, pertussis, rubella, tetanus and polio. During the time period shown, there was a range of 2-9 vaccine preventable diseases per year in the county.

TABLE 65: SELECTED VACCINE PREVENTABLE DISEASE RATE, MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	3	2.1	694	3.7
2009	5	3.4	838	4.5
2010	2	1.4	659	3.5
2011	5	3.4	571	3.0
2012	9	6.1	882	4.6

Source: FloridaCHARTS, Florida Department of Health, Bureau of Epidemiology, 2012
 Notes: Includes: Diphtheria, Acute Hepatitis B, Measles, Mumps, Pertussis, Rubella, Tetanus and Polio
 Compiled by: Health Council of Southeast Florida, 2015

Asthma

The table below shows the percent of adults who currently have asthma in Martin County and in Florida in 2013. There were 7.4% of adults had current asthma in the county, 0.9% lower than in the state.

TABLE 66: ADULTS WHO CURRENTLY HAVE ASTHMA, MARTIN COUNTY AND FLORIDA, 2002, 2007, 2010, 2013

Year	Martin County	Florida
2002	5.3%	6.3%
2007	5.4%	6.2%
2010	6.7%	8.3%
2013	7.4%	8.3%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percentage of adults in Martin County who have been told they had asthma in 2013. There were 13.3% of adults in Martin County who have been told they had asthma during this time period, slightly lower than the state's rate of 13.5%.

TABLE 67: ADULTS WHO HAVE BEEN TOLD THEY HAVE ASTHMA, MARTIN COUNTY AND FLORIDA, 2013

Year	Martin County	Florida
2013	13.3%	13.5%

Source: FloridaCHARTS, Florida Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

Healthy Food Source

The table below shows the percent of residents living within a half mile of a healthy food source and a fast food restaurant in Martin County and in Florida in 2013. In 2013, 9.3% percent of Hobe Sound residents lived with a half mile of a healthy food source and 26.2% of Hobe Sound residents lived within a half mile of a fast food restaurant.

TABLE 68: LIVING WITHIN A 1/2 MILE OF A HEALTHY FOOD SOURCE, MARTIN COUNTY, 2013

City Name	ZIP Code	Percent Living within a 1/2 mile of a healthy food source	Percent Living within a 1/2 mile of a fast food restaurant
Hobe Sound	33455	9.3%	26.2%
Indiantown	34956	24.5%	22.3%
Jensen Beach	34957	16.0%	18.7%
Palm City	34990	14.5%	13.6%
Stuart	34994	43.3%	33.6%
Sewalls Point	34996	39.0%	35.3%
Stuart	34997	21.7%	15.2%

Source: Florida Environmental Public Health Tracking, 2013
Compiled by: Health Council of Southeast Florida, 2015

BEHAVIORAL HEALTH

This section provides indicators on: domestic violence, sexual behaviors, inpatient utilization of mental health services, alcohol consumption/substance abuse and violence and injury measures.

DOMESTIC VIOLENCE

The table below shows domestic violence in Martin County in 2013 by type of offense and relationship of the victim to the offender. In 2013, there were 555 domestic violence offenses in the county; the majority of these offenses, 468, were simple assaults. The National Institute of Justice (2013) defined simple assaults as those that do not involve a weapon or aggravated injury but often include domestic violence and intimate partner violence.

TABLE 69: DOMESTIC VIOLENCE BY OFFENSE TYPE TO VICTIM'S RELATIONSHIP TO THE OFFENDER, MARTIN COUNTY, 2013

	Total	Relationship Victim to Offender							Arrests
		Spouse	Parent	Child	Sibling	Other Family	Cohabitant	Other	
Murder	0	0	0	0	0	0	0	0	3
Manslaughter	0	0	0	0	0	0	0	0	0
Forcible Sex Offenses	23	0	8	4	3	6	2	0	3
Forcible Rape	13	0	3	2	1	5	2	0	0
Forcible Sodomy	0	0	0	0	0	0	0	0	0
Forcible Fondling	10	0	5	2	2	1	0	0	3
Aggravated Assault	63	16	7	5	4	12	16	3	41
Aggravated Stalking	0	0	0	0	0	0	0	0	1
Simple Assault	468	101	55	27	49	21	210	5	204
Threat/Intimidation	1	0	0	0	0	0	1	0	1
Simple Stalking	0	0	0	0	0	0	0	0	0
Total Offenses	555	117	70	36	56	42	229	5	253

Source: Florida Department of Law Enforcement, 2013
Compiled by: Health Council of Southeast Florida, 2015

SEXUAL BEHAVIORS

Sexually Transmitted Infections/Diseases

Please refer to the section on Morbidity and Mortality section for data sexually transmitted infections and diseases (STIs and STDs).

Adults Tested for HIV

The table below shows adults, less than 65 years old, in Martin County and in Florida who reported ever having an HIV test from 2007 to 2013. In 2013, over one third of adults, 37.7% reported having had an HIV test in their lifetime, a percent lower than that of the state as a whole.

TABLE 70: ADULTS LESS THAN 65 YEARS OF AGE WHO REPORTED HAVING EVER BEEN TESTED FOR HIV, MARTIN COUNTY AND FLORIDA, 2007, 2010, 2013

Year	Martin	Florida
2007	44.2%	49.1%
2010	49.2%	48.4%
2013	37.7%	50.6%

Source: FloridaCHARTS, Florida County-level Behavioral Risk Factors Surveillance Telephone Survey, Florida Department of Health, Bureau of Epidemiology, 2013

Compiled by: Health Council of Southeast Florida, 2015

MENTAL HEALTH

The tables below show data from the Florida Behavioral Risk Factor Surveillance Survey for 2010 and 2013. In 2013, the percent of adults with good mental health was slightly higher than the state's percent. Additionally, the percentage of adults reporting poor mental health on 14 or more of the past 30 days was 6.7%, six percentage points lower than the state.

TABLE 71: ADULTS WITH GOOD MENTAL HEALTH, MARTIN COUNTY AND FLORIDA, 2010, 2013

Year	Martin	Florida
2010	90.7%	88.2%
2013	93.3%	87.3%

Source: FloridaCHARTS, Florida County-level Behavioral Risk Factors Surveillance Telephone Survey, Florida Department of Health, Bureau of Epidemiology, 2013

Compiled by: Health Council of Southeast Florida, 2015

TABLE 72: ADULTS WHO HAD POOR MENTAL HEALTH ON >= OF THE PAST 30 DAYS, MARTIN COUNTY AND FLORIDA, 2010, 2013

Year	Martin	Florida
2010	9.3%	11.8%
2013	6.7%	12.7%

Source: FloridaCHARTS, Florida County-level Behavioral Risk Factors Surveillance Telephone Survey, Florida Department of Health, Bureau of Epidemiology, 2013

Compiled by: Health Council of Southeast Florida, 2015

Number of Psychiatric Hospital Beds

In 2013, according to the Agency for Health Care Administration (AHCA) there were no designated psychiatric hospital beds for youth, adolescents or adults.

ALCOHOL CONSUMPTION AND SUBSTANCE ABUSE

Excessive alcohol consumption is the third leading lifestyle-related cause of death for people in the United States each year.¹² Excessive drinking is a risk factor associated with number of adverse health outcomes including: alcohol poisoning, hypertension, acute myocardial infarction, sexually transmitted infections, unintended pregnancy, fetal alcohol syndrome, sudden infant death syndrome, suicide, interpersonal violence and motor vehicle crashes.¹³

The table below shows adults in Martin County and in Florida who reported engaging in heavy or binge drinking in 2007, 2010 and 2013. Heavy or binge drinking is defined as drinking 15 or more drinks per week for men or 8 or more drinks per week for women, or drinking 5 or more drinks on an occasion for men or 4 or more drinks on an occasion for women. The rate in Martin County was 14.7% in 2013, which was 2.9 percentage points lower than in the state as a whole.

TABLE 73: ADULTS WHO ENGAGE IN HEAVY OR BINGE DRINKING, MARTIN COUNTY AND FLORIDA, 2007, 2010, 2013

Year	Martin	Florida
2007	16.8%	16.2%
2010	17.7%	15.0%
2013	14.7%	17.6%

Source: FloridaCHARTS, Florida County-level Behavioral Risk Factors Surveillance Telephone Survey, Florida Department of Health, Bureau of Epidemiology, 2013
Compiled by: Health Council of Southeast Florida, 2015

¹² Mokdad AH, Marks JS, Stroup DF, Gerberding JL. Actual causes of death in the United States, 2000. *JAMA* 2004;291(10):1238–1245.

¹³ The University of Wisconsin, population Health Institute, County Health Rankings, [http:// www.countryhealthrankings.org/health-factors/alcohol-use](http://www.countryhealthrankings.org/health-factors/alcohol-use)

The table below shows the percentage of middle school students in Martin County and in Florida who reported having used alcohol in the previous 30 days from 2004 to 2012. The percentages in both the county and the state decreased during the time period shown, and was 12.9% in the county in 2012.

TABLE 74: PERCENT OF MIDDLE SCHOOL STUDENTS WHO HAVE USED ALCOHOL IN THE PAST 30 DAYS, MARTIN COUNTY AND FLORIDA, 2004-2012

Year	Martin	Florida
	Rate (%)	Rate (%)
2004	21.4%	20.3%
2006	18.3%	19.0%
2008	21.7%	17.4%
2010	19.0%	16.8%
2012	12.9%	12.3%

Source: FloridaCHARTS, Florida Youth Substance Abuse Survey (FYSAS), 2012
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percentage of middle school students in Martin County and in Florida who reported binge drinking. Binge drinking is defined in the Florida Youth Substance Abuse Survey as drinking five or more drinks in a row. In 2012, the percent in the county was 6.7%, two percentage points higher than the state's percent.

TABLE 75: PERCENT OF MIDDLE SCHOOL STUDENTS REPORTING BINGE DRINKING, MARTIN COUNTY AND FLORIDA, 2004-2012

Year	Martin County	Florida
	Rate (%)	Rate (%)
2004	9.1%	8.5%
2006	10.1%	8.4%
2008	7.9%	6.2%
2010	9.3%	6.9%
2012	6.7%	4.7%

Source: FloridaCHARTS, Florida Youth Substance Abuse Survey (FYSAS), 2012
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percentage of high school students in Martin County and in Florida who reported having used alcohol in the previous 30 days. The percent in both the county and the state decreased during the time period shown, with a greater decrease in Martin County from nearly 50% in 2004 to 37.9% in 2012.

TABLE 76: PERCENT OF HIGH SCHOOL STUDENTS WHO HAVE USED ALCOHOL IN THE PAST 30 DAYS, MARTIN COUNTY AND FLORIDA, 2004-2012

Year	Martin	Florida
	Rate (%)	Rate (%)
2004	49.7%	42.0%
2006	45.2%	41.8%
2008	49.3%	39.5%
2010	39.7%	38.0%
2012	37.9%	33.9%

Source: FloridaCHARTS, Florida Youth Substance Abuse Survey (FYSAS), 2012
 Compiled by: Health Council of Southeast Florida 2015

The table below shows the percentage of high school students in Martin County and in Florida who reported binge drinking from 2004-2012. Binge drinking is defined in the Florida Youth Substance Abuse Survey as drinking five or more drinks in a row. During the time period shown the percent in the county decreased over half from 35.5% in 2004 to 16.9% in 2012.

TABLE 77: PERCENT OF HIGH SCHOOL STUDENTS REPORTING BINGE DRINKING, MARTIN COUNTY AND FLORIDA, 2004-2012

Year	Martin	Florida
	Rate (%)	Rate (%)
2004	35.5%	22.0%
2006	25.5%	23.0%
2008	26.8%	21.5%
2010	23.3%	19.6%
2012	16.9%	16.4%

Source: FloridaCHARTS, Florida Youth Substance Abuse Survey (FYSAS), 2012
 Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
 Proportion of adolescents (12-17) reporting engaging in binge drinking in past month = 8.5%*

VIOLENCE AND INJURY

Suicides and Self-Inflicted Injuries

The table below shows deaths by suicide in Martin County and in Florida for the years 1999 – 2013. The number of deaths by suicide by Martin County residents ranged from 17-39 during the time period shown. In 2013 there were 32 deaths by suicide by county residents, a rate of 21.5 per 100,000 residents. The rate in the county doubled the Healthy People 2020 target of 10.2 per 100,000.

TABLE 78: SUICIDE DEATH RATE, MARTIN COUNTY AND FLORIDA, 1999-2013

Years	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
1999	22	17.6	2,068	13.2
2000	18	14.1	2,136	13.3
2001	17	13.1	2,290	14.0
2002	25	18.9	2,332	13.9
2003	24	17.7	2,294	13.4
2004	29	20.9	2,382	13.6
2005	22	15.6	2,308	12.9
2006	20	14.0	2,410	13.2
2007	24	16.6	2,570	13.9
2008	27	18.6	2,723	14.6
2009	35	24.0	2,854	15.3
2010	21	14.3	2,753	14.6
2011	39	26.6	2,765	14.6
2012	30	20.4	2,922	15.3
2013	32	21.5	2,892	15.0

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013

Data Note(s): ICD-10 Code(s): X60-X84, Y87.0

Compiled by: Health Council of Southeast Florida, 2015

Suicides Death Rate

The table below shows suicide deaths by age in Martin County and in Florida for the years 1992–2013, by rolling 3-year averages. From 2011 to 2013, the rate of crude deaths by suicide by county residents was higher on average in the 40-65 years old age group (average of 22.2) and in the 65 and older age group (average of 19.3) than other age groups during the time period shown.

TABLE 79: SUICIDE DEATH RATE, MARTIN COUNTY AND FLORIDA, 1999-2013

Years	Ages 0-18		Ages 19- 39		Ages 40-65		Ages 65 and older	
	Martin County	Florida	Martin County	Florida	Martin County	Florida	Martin County	Florida
1992-94	0.0	2.2	25.3	16.2	13.4	19.1	35.4	23.1
1993-95	0.0	2.2	26.6	16.6	15.9	18.8	27.0	22.9
1994-96	0.0	2.0	27.9	16.6	19.2	18.7	20.1	21.9
1995-97	0.0	1.8	17.9	16.2	23.1	18.6	16.7	21.6
1996-98	1.5	1.9	17.9	15.5	19.4	18.8	17.3	20.9
1997-99	1.4	1.7	18.0	14.8	18.6	18.2	18.1	20.6
1998-00	1.4	1.6	22.2	14.3	14.6	18.3	21.6	20.1
1999-01	0.0	1.5	22.2	14.4	15.6	18.3	18.6	19.8
2000-02	0.0	1.5	15.4	14.3	24.8	19.3	13.8	19.3
2001-03	0.0	1.4	15.1	14.5	27.7	19.6	14.5	18.7
2002-04	1.3	1.3	13.9	14.2	31.2	19.9	18.9	18.0
2003-05	3.7	1.4	19.0	13.9	22.7	19.5	21.3	17.3
2004-06	4.9	1.4	19.2	13.4	22.0	19.5	16.6	17.4
2005-07	4.9	1.4	21.6	13.4	17.9	19.8	15.4	17.4
2006-08	2.4	1.2	18.9	13.8	19.0	21.0	20.3	17.9
2007-09	2.4	1.3	21.4	14.5	21.3	22.3	27.5	18.2
2008-10	2.5	1.3	17.6	14.2	22.3	22.9	25.7	18.1
2009-11	2.5	1.4	22.4	14.0	26.4	22.8	26.4	18.0
2010-12	1.2	1.6	15.8	13.8	28.2	22.6	24.6	18.3
2011-13	2.5	1.8	16.7	14.0	33.2	22.2	25.2	19.3

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013
 Data Note(s): ICD-10 Code(s): X60-X84, Y87.0.
 Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
 Suicide rate = 10.2 suicides per 100,000*

Suicides Related Helpline Calls

The table below shows calls made to 211 Palm Beach/ Treasure Coast helpline related to suicide by year in Martin County for the years 2011 – 2013.

TABLE 80: CALLS TO 211 RELATED SUICIDE, MARTIN COUNTY, 2011-2013

Year	Safety Follow-up	Information About Suicide	Suicide Level 1	Suicide Level 2	Suicide Level 3
2011	17.0	18.0	45.0	18.0	17.0
2012	32.0	25.0	39.0	25.0	14.0
2013	22.0	24.0	19.0	25.0	13.0
2014	22.0	24.0	21.0	18.0	16.0

Source: Palm Beach-Treasure Coast 211, Martin County Suicide Needs Report, 2011-2014

Compiled By: Health Council of Southeast Florida, 2015

Unintentional Injuries

For information and data on unintentional injuries, please refer to the morbidity and mortality section of this assessment.

MORBIDITY

Morbidity is another term for illness. The tables and figures in the next section below illustrate the number and the rates of hospitalizations for the following diseases: coronary heart disease, cardiovascular disease, stroke, chronic lower respiratory disease (CLRD), diabetes, cancer, obesity, and communicable diseases including enteric disease, tuberculosis, HIV/AIDS and other sexually transmitted diseases.

CORONARY HEART DISEASE

Heart disease is the leading cause of death for people of most races and ethnicities in the United States. According to the Centers for Disease Control and Prevention (CDC), in 2010, the total costs of cardiovascular diseases in the United States were estimated to be \$444 billion. Coronary heart disease (CHD) is the most common type of cardiovascular diseases, killing over 370,000 people annually.¹⁴

The table below shows the hospitalizations from or with coronary heart disease and the age-adjusted hospitalization rate in Martin County and in Florida for the years 2008 -2012. Age-adjustment is a technique used to allow populations to be compared when the age profiles of the populations may be different. This technique is often used when comparing rates for indicators which may be influenced by age, such as heart disease which typically affects and older population. The rate in the county decreased considerably during the time period shown from 376.4 per 100,000 in 2008 to 195.0 per 100,000 in 2012.

TABLE 81: AGE- ADJUSTED HOSPITALIZATIONS FROM OR WITH CORONARY HEART DISEASE, MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin		Florida	
	Count	Rate per 100,00	Count	Rate per 100,00
2008	1,018	376.4	112,918	449.3
2009	717	264.7	103,981	407.9
2010	657	239.7	98,075	375.6
2011	684	242.5	91,344	345.0
2012	556	195.0	85,179	338.0

Source: FloridaCHARTS, Florida Agency for Health Care Administration (AHCA), 2012

Notes: ICD-9-CM Code(s): 49-CM-414, 429.2. Includes primary diagnosis only

Compiled by: Health Council of Southeast Florida, 2015

¹⁴ Lloyd-Jones D, Adams RJ, Brown TM, et al. Heart Disease and Stroke Statistics-2010. Update. A report from the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. <http://circ.ahajournals.org/legi/reprint/circulationaha.108.191261v1>. Circulation, 2010;121:e1-e170.

The percentage of adults in Martin County who have been told they had hypertension in 2013 was 36.2%. This percent was higher than the state, 34.6%.

TABLE 82: ADULTS WHO HAVE EVER BEEN TOLD THEY HAD HYPERTENSION, MARTIN COUNTY AND FLORIDA, 2002, 2007, 2010, 2013

Year	Martin County	Florida
2002	30.1%	27.7%
2007	24.9%	28.2%
2010	35.7%	34.3%
2013	36.2%	34.6%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

In 2013, there was a higher percent of adults who have been told they had angina or coronary heart disease in Martin County, 6.2%, higher than that of the state.

TABLE 83: ADULTS WHO HAVE EVER BEEN TOLD THEY HAD ANGINA OR CORONARY HEART DISEASE, MARTIN COUNTY AND FLORIDA, 2013

Year	Martin County	Florida
2013	6.2%	5.0%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

In 2013, 6.4% of adults had been told they had a heart attack in Martin County. The percent in the county was higher than the rate in Florida as a whole.

TABLE 84: ADULTS WHO HAVE EVER BEEN TOLD THEY HAD A HEART ATTACK, MARTIN COUNTY AND FLORIDA, 2013

Year	Martin County	Florida
2013	6.4%	5.6%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

DIABETES

The American Diabetes Association (Association) released new research on March 6, 2013 estimating the total costs of diagnosed diabetes have risen to \$245 billion in 2012 from \$174 billion in 2007, when the cost was last examined.¹⁵ Diabetes is a disease that affects how the body uses blood sugar (glucose). Glucose is vital to health because it's an important source of energy for the cells that make up muscles and tissues. It's also the brain main source of fuel. Too much glucose can lead to serious health problems. Complications of diabetes include cardiovascular disease; nerve, kidney, foot and eye damage; skin conditions and hearing impairment. Chronic diabetes conditions include type 1 diabetes and type 2 diabetes.¹⁶

The table below shows the number and rate of hospitalizations from or with diabetes in Martin County and in Florida in the years 2008-2012. In 2012, there were nearly 3,000 hospitalizations of county residents, a rate of 2030.1 per 100,000, lower than the state's rate.

TABLE 85: HOSPITALIZATIONS FROM OR WITH DIABETES, MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	3,008	2073.0	519,227	2786.0
2009	2,795	1916.4	538,941	2880.2
2010	2,889	1972.9	566,381	3009.4
2011	3,134	2134.3	577,529	3050.2
2012	2,991	2030.1	565,117	2967.7

Source: FloridaCHARTS, Florida Agency for Health Care Administration (AHCA), 2012
 Notes: ICD-9-CM Code(s): 250.00-250.93. Includes both primary and contributing diagnoses
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percent of adults who have ever been told they had diabetes in Martin County and Florida for the years 2002, 2007, 2010 and 2013. The percentage of adults in Martin County who have been told they had diabetes in 2013 was 12.2%. This percent was higher than the state, 11.2%.

TABLE 86: ADULTS WHO HAVE EVER BEEN TOLD THEY HAD DIABETES, MARTIN COUNTY AND FLORIDA, 2002, 2007, 2010, 2013

Year	Martin County	Florida
2002	7.8%	8.2%
2007	8.2%	8.7%
2010	8.0%	10.4%
2013	12.2%	11.2%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

¹⁵ American Diabetes Association (2013). The Cost of Diabetes. Retrieved from: <http://www.diabetes.org/advocacy/news-events/cost-of-diabetes.html#sthash.rD7jxOY9.dpuf>

¹⁶ <http://www.mayoclinic.org/diseases-conditions/diabetes/basics/definition/con-20033091>

STROKE

Stroke costs the United States an estimated \$34 billion each year. It is the fifth leading cause of death in the United States and is a major cause of adult disability. Every year, more than 795,000 people in the United States have a stroke.¹⁷ The table below shows the number of hospitalizations and the age-adjusted hospitalization rate from stroke Martin County and Florida from 2008-2012. Age-adjustment is a technique used to allow populations to be compared when the age profiles of the populations may be different. This technique is often used when comparing rates for indicators which may be influenced by age, such as stroke which typically affects and older population. In 2012, there were 570 hospitalizations from or with stroke of Martin County residents, an age-adjusted rate of 189.8 per 100,000. The rate for the county was lower for all the years shown than the state's rate.

TABLE 87: AGE-ADJUSTED HOSPITALIZATIONS FROM STROKE, MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	597	204.3	69,482	272.1
2009	539	183.1	69,432	268.8
2010	559	191.1	70,162	267.7
2011	587	200.5	70,232	264.6
2012	570	189.8	67,748	266.2

Source: FloridaCHARTS, Florida Agency for Health Care Administration (AHCA), 2012

Notes: ICD-9-CM Code(s): 430-438. Includes primary diagnosis only

Compiled by: Health Council of Southeast Florida, 2015

The table below shows adults who have ever been told they had a stroke in 2007, 2010 and 2013. In 2013, there was a higher percent of adults who have been told they had a stroke, 4.5%, in the county, than in the state, 3.7%.

TABLE 88: ADULTS WHO EVER BEEN TOLD THEY HAD A STROKE, MARTIN COUNTY AND FLORIDA, 2007, 2010, 2013

Year	Martin County	Florida
2007	2.8%	3.1%
2010	3.6%	3.5%
2013	4.5%	3.7%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013

Compiled by: Health Council of Southeast Florida, 2015

¹⁷ Center of Disease Control (CDC). (2015) Stroke Facts. Retrieved from <http://www.cdc.gov/stroke/facts.htm>

CHRONIC LOWER RESPIRATORY DISEASE (CLRD)

Chronic lower respiratory diseases are diseases that affect the lungs. The most serious of these diseases is chronic obstructive pulmonary disease (COPD) which includes Emphysema and chronic bronchitis. Cigarette smoking is the main cause of COPD.¹⁸

The table below shows the number and rate of hospitalizations from chronic lower respiratory disease, including asthma, in Martin County and Florida from 2008-2012. The rate for the county was 325.1 per 100,000 in 2012, which was lower than the state's rate of 444.5 during that time period.

TABLE 89: HOSPITALIZATIONS FROM C.L.R.D., MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	535	368.7	80,412	431.5
2009	485	332.5	86,170	460.5
2010	491	335.3	87,823	466.6
2011	473	322.1	87,493	462.1
2012	479	325.1	84,638	444.5

Source: FloridaCHARTS, Florida Agency for Health Care Administration (AHCA), 2012

Notes: ICD-9-CM Code(s): 490-496. Includes primary diagnosis only

Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percentage of adults who have ever been told they had chronic obstructive pulmonary disease, emphysema, or chronic bronchitis in 2013. There was a higher percentage of adults who had ever been told they had chronic obstructive pulmonary disease, emphysema, or chronic bronchitis, 9.6%, in the county, than in the state, 7.4%.

TABLE 90: ADULTS WHO EVER BEEN TOLD THEY HAD CHRONIC OBSTRUCTIVE PULMONARY DISEASE, EMPHYSEMA OR CHRONIC BRONCHITIS, MARTIN COUNTY AND FLORIDA, 2013

Year	Martin County	Florida
2013	9.6%	7.4%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013

Compiled by: Health Council of Southeast Florida, 2015

¹⁸ U.S. Department of Health and Human Services, womenshealth.gov

Table 91 shows the percent of adults by age groups who are current smokers in Martin County and Florida for the years 2002, 2007, 2010 and 2013. Current cigarette use is defined as having smoked one or more cigarettes during the past 30 days. In 2013, the percentage of adult smokers 45-64 years old in Martin County was 24.0%. This percent was higher than the state, 19.8%. There was a significant decline in smoking from 2002 to 2013 among adults 18 to 44 years old.

TABLE 91: ADULTS BY AGE WHO ARE CURRENT SMOKERS, MARTIN COUNTY AND FLORIDA, 2002, 2007, 2010, 2013

Year	Martin			Florida		
	18-44	45-64	65 & Older	18-44	45-64	65 & Older
2002	40.4%	24.1%	11.3%	26.9%	24.1%	10.3%
2007	23.3%	19.5%	7.9%	22.1%	22.0%	9.7%
2010	16.7%	18.1%	5.6%	20.5%	19.2%	8.4%
2013	15.2%	24.0%	7.1%	19.2%	19.8%	8.7%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percent of middle school and high school students who reported smoking cigarettes in the past 30 days in Martin County and Florida in 2013. The percentages of middle school and high school students who reported smoking cigarettes in the past 30 days was lower in Martin County than in the state of Florida.

TABLE 92: STUDENTS SMOKING CIGARETTES IN THE PAST 30 DAYS, MARTIN COUNTY AND FLORIDA, 2013

	Martin County	Florida
Middle school	1.70%	3.30%
High school	9.20%	10.10%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013
 Compiled by: Health Council of Southeast Florida, 2015

CANCER INCIDENCE

The table below shows the number of cancer cases and the age-adjusted rate of new cancer cases in Martin County and in Florida from 2007-2011. In 2011, there were 1,104 new cases of cancer in the county.

TABLE 93: AGE-ADJUSTED CANCER INCIDENCE, MARTIN COUNTY AND FLORIDA, 2007-2011

Year	Martin County		Florida	
	Count	Rate	Count	Rate
2007	1,129	445.5	106,022	459.4
2008	1,121	431.9	108,373	463.1
2009	1,126	436.2	107,161	453.4
2010	1,109	427.2	107,258	441.1
2011	1,104	428.9	110,428	447.8

Source: FloridaCHARTS, University of Miami (FL) Medical School, Florida Cancer Data System, 2011

Notes: ICD-10 Code(s): C00-C97

Compiled by: Health Council of Southeast Florida, 2015

The table below shows the percent of adults who have ever been told they had any other type of cancer except skin cancer in Martin County and in Florida. In 2013, 9.8% of adults had been told they had another type of cancer besides skin cancer. The percent in the county was higher than the percent in Florida as a whole.

TABLE 94: ADULTS WHO HAVE EVER BEEN TOLD THEY HAD ANY OTHER TYPE OF CANCER EXCEPT SKIN CANCER, MARTIN COUNTY AND FLORIDA, 2013

Year	Martin County	Florida
2013	9.8%	7.6%

Source: FloridaCHARTS, The Behavioral Risk Factor Surveillance System, 2013

Compiled by: Health Council of Southeast Florida, 2015

ENTERIC DISEASE

The table below shows the number and rate of enteric diseases in Martin County and in Florida for the years 2009-2012. Enteric diseases are infections that cause gastrointestinal symptoms and may be caused by food or water that is contaminated with a bacteria, virus, or protozoa, including: Campylobacteriosis, Cryptosporidiosis, Cyclosporiasis, Escherichia Coli, Shiga Toxin Producing, Giardiasis, Hepatitis A, Salmonellosis, Shigellosis and Typhoid Fever. The number of cases ranged from 70-116 in the county during the time period shown and in 2012 the rate was 50.2 per 100,000.

TABLE 95: ENTERIC DISEASE, MARTIN COUNTY AND FLORIDA, 2009-2012

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	70	48.0	11,144	59.6
2010	102	69.7	11,610	61.7
2011	116	79.0	12,594	66.5
2012	74	50.2	12,100	63.5

Source: FloridaCHARTS, Florida Department of Health, Bureau of Epidemiology, 2012

Notes: Data for years 2009-2012 includes: Campylobacteriosis, Cryptosporidiosis, Cyclosporiasis, Escherichia Coli, Shiga Toxin Producing, Giardiasis, Hepatitis A, Salmonellosis, Shigellosis and Typhoid Fever

Compiled by: Health Council of Southeast Florida, 2015

OVERWEIGHT AND OBESITY

According to World Health Organization (WHO) overweight and obesity are defined as abnormal or excessive fat accumulation that presents a risk to health. A person with a BMI equal to or more than 25 is considered overweight¹⁹. Overweight and obesity are often associated with poor health outcomes and rapidly increases the risk of mortality. Overweight and obese individuals can develop other diseases such as hypertension, high cholesterol, heart disease, stroke, some types of cancer and orthopedic issues.

For youth, overweight and obese is determined by body mass index (BMI) percentile using sex- and age-specific reference data from the 2000 CDC growth charts. BMI is calculated by dividing weight in pounds by height in inches, squared and multiplying by 703. A BMI of 30 or more is considered obese and 25 or more is considered to be overweight.

The table below shows the percentage of middle school students with a BMI at or above the 95th percentile for their weight and gender in Martin County and in Florida for the years 2008, 2010 and 2012. During the time period shown, the percent in the county increased from 8.3% to 11.5% and in 2012 was slightly higher than the state's percent of 11.1%.

TABLE 96: PERCENT OF MIDDLE SCHOOL STUDENTS WITH BMI AT OR ABOVE 95TH PERCENTILE, MARTIN COUNTY AND FLORIDA, 2008, 2010, 2012

Year	Martin County	Florida
	Rate (%)	Rate (%)
2008	8.3%	11.3%
2010	7.8%	11.7%
2012	11.5%	11.1%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Epidemiology, Youth Risk Behavior Survey (YRBS), 2012

Notes: Overweight is defined as "body mass index (BMI) greater than or equal to the 95th percentile in weight distribution among students having the same age and gender

Compiled by: Health Council of Southeast Florida, 2015

¹⁹ World Health Organization (WHO) (2015). Media Centre: Obesity and Overweight. Retrieved from <http://www.who.int/mediacentre/factsheets/fs311/en/>

The table below shows the percentage of high school students with a BMI at or above the 95th percentile for their weight and gender in Martin County and in Florida for the years 2008, 2010 and 2012. During the time period shown, the percent in the county increased from 7.9% to 12.9%. The percent in the county in 2012 was lower than the state's percent of 14.3%. However, there is an upward trend in the county and the state.

TABLE 97: PERCENT OF HIGH SCHOOL STUDENTS WITH BMI AT OR ABOVE 95TH PERCENTILE, MARTIN COUNTY AND FLORIDA, 2008, 2010, 2013

Year	Martin County	Florida
	Rate (%)	Rate (%)
2008	7.9%	11.0%
2010	11.1%	11.5%
2012	12.9%	14.3%

Source: FloridaCHARTS, Florida Department of Health, Bureau of Epidemiology, Youth Risk Behavior Survey (YRBS), 2012

Notes: Overweight is defined as "body mass index (BMI) greater than or equal to the 95th percentile in weight distribution among students having the same age and gender

Compiled by: Health Council of Southeast Florida, 2015

Table 98 and figure 7 shows the percentage of students by grade level who are either overweight or obese in Martin County and in Florida for the years 2006-2015.

TABLE 98: PERCENT MARTIN COUNTY STUDENTS OVERWEIGHT OR OBESE BY GRADE LEVEL FROM 2006-2015

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2014-15
First Grade	31.8%	32.9%	28.8%	28.9%	28.7%	28.2%	29.2%
Third Grade	34.5%	37.9%	32.4%	33.6%	35.5%	33.9%	33.4%
Sixth Grade	38.4%	42.6%	35.1%	39.4%	37.4%	36.7%	37.3%

Source: Martin County Health Department, School Health Report, 2015

Compiled by: Health Council of Southeast Florida, 2015

FIGURE 6: STUDENTS WHO ARE OVERWEIGHT OR OBESE BY GRADE LEVEL, MARTIN COUNTY, 2006-2015

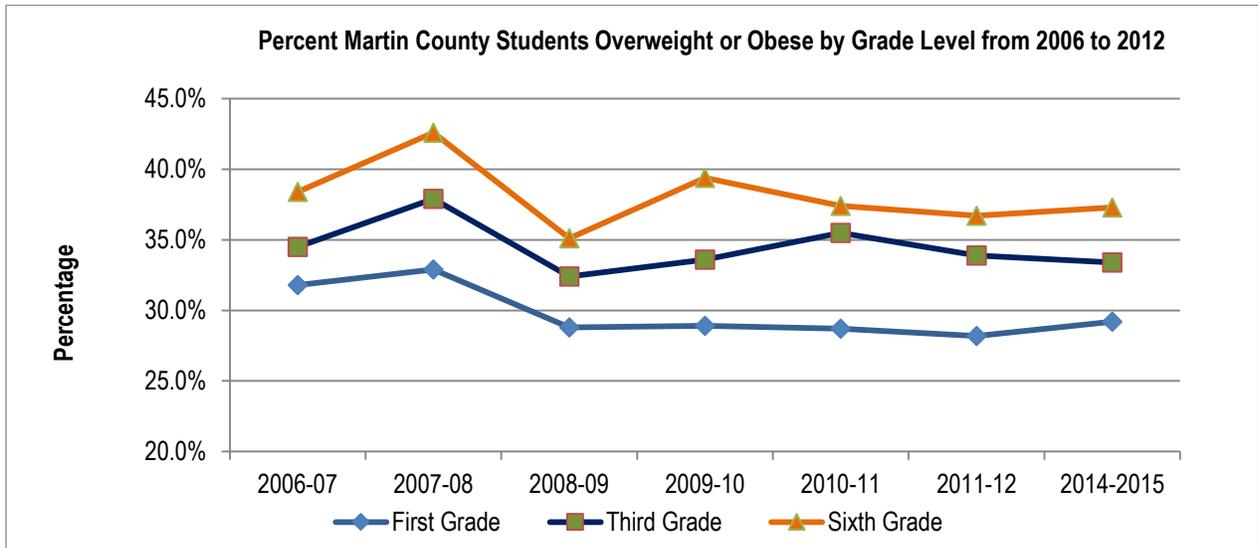
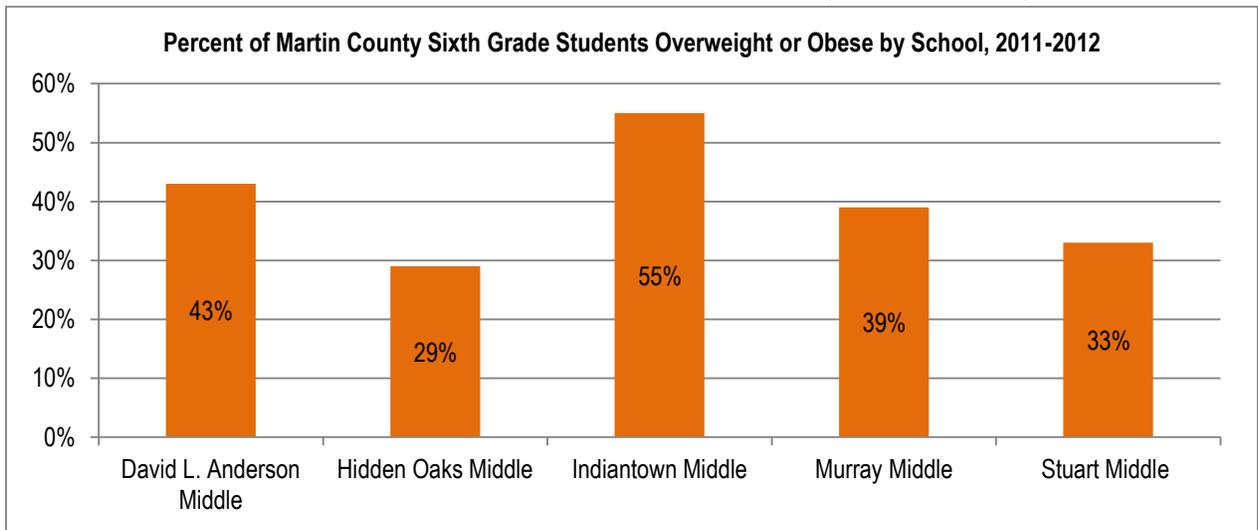


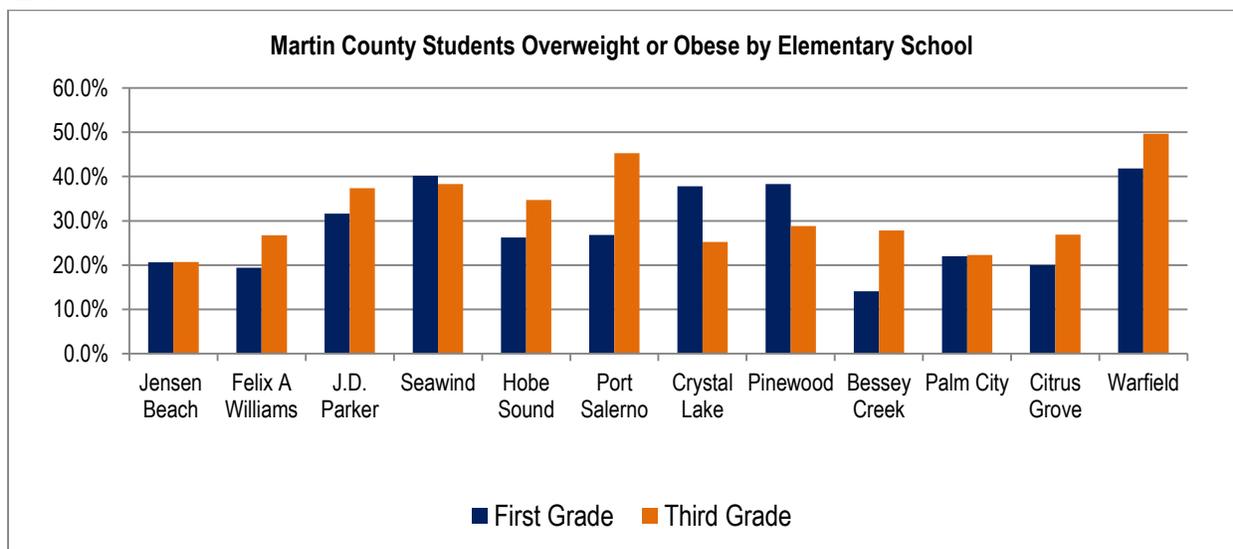
Figure 8 shows the percent of sixth graders in Martin County who are overweight or obese by school from 2011-2012. More than 25% of all middle school students were overweight or obese during this time period. In Indiantown middle school more than 1 of every 2 students were overweight or obese.

FIGURE 7: SIXTH GRADERS WHO ARE OVERWEIGHT OR OBESE BY SCHOOL, MARTIN COUNTY, 2011-2012



The figure below shows the percent of elementary students in Martin County who are overweight or obese by school from 2014-2015. More than 20% of all third grade students were overweight or obese during this time period.

FIGURE 8: FIRST AND THIRD GRADERS WHO ARE OVERWEIGHT OR OBESE BY SCHOOL, MARTIN COUNTY, 2014-2015



The table below shows the percentage of adults who reported being overweight or obese in Martin County and in Florida, in the years 2007, 2010 and 2013. The rate decreased in the county during the time period shown, however in 2013, there was still a significant number of adults (48%) who reported being either overweight or obese.

TABLE 99: ADULTS WHO ARE OVERWEIGHT OR OBESE, MARTIN COUNTY AND FLORIDA, 2007, 2010, 2013

Year	Martin	Florida
	Rate (%)	Rate (%)
2007	54.9%	62.1%
2010	61.0%	65.0%
2013	48.3%	62.8%

Source: FloridaCHARTS, Florida County-level Behavioral Risk Factors Surveillance Telephone Survey, Florida Department of Health, Bureau of Epidemiology, 2013

Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
Proportion of adults who are obese = 30.6%*

INFECTIOUS DISEASE

Tuberculosis

The table below shows the number and rate per 100,000 population of tuberculosis (TB) cases in Martin County and in Florida for the 2009-2013 time period. During the time period shown, there ranged 3-7 cases in the county.

TABLE 100: TUBERCULOSIS CASES, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	5	3.4	821	4.4
2010	7	4.8	834	4.4
2011	3	2.0	754	4.0
2012	4	2.7	678	3.6
2013	5	3.4	652	3.4

Source: FloridaCHARTS, Florida Department of Health, Bureau of TB & Refugee Health, 2013
 Compiled by: Health Council of Southeast Florida, 2015

*Healthy People 2020 Target
 Tuberculosis = 1 new case per 100,000 population*

Reportable Diseases

The Florida Health Department requires that practitioners report certain disease and medical conditions. These include outbreaks, vector borne diseases, some sexually transmitted diseases, food-borne diseases, pertussis, Q fever, TB, lead poisoning, carbon monoxide poisoning and some cancers. The table below shows the number and rate of reportable disease cases in Martin County and in Florida for the years 2008-2012. During the time period shown, the number of cases ranged from 113-205, the rate in 2012 was 101.1 per 100,000 which was slightly lower than the state's rate.

TABLE 101: TOTAL REPORTABLE DISEASE CASES, MARTIN COUNTY AND FLORIDA, 2008-2012

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	113	77.9	17,907	96.1
2009	205	140.6	24,727	132.1
2010	192	131.1	20,455	108.7
2011	202	137.6	21,088	111.4
2012	149	101.1	20,644	108.4

Source: FloridaCHARTS, Florida Department of Health, Bureau of Epidemiology, 2012

Notes: Includes both probable and confirmed cases 2012

Compiled by: Health Council of Southeast Florida, 2015

HIV Incidence Rate

The table below shows the number and rate of new HIV cases in Martin County and in Florida during the years 2009-2013. The number of new cases ranged from 10-19 in the county during the time period shown with a high of 19 cases in 2013. The rate in the county was still less than half the state's rate.

TABLE 102: HIV CASES, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	14	9.6	5,557	29.7
2010	10	6.8	4,913	26.1
2011	16	10.9	5,044	26.6
2012	10	6.8	4,531	23.8
2013	19	12.8	5,938	30.7

Source: FloridaCHARTS, Florida Department of Health, Bureau of HIV/AIDS, 2013

Notes: These data represent reported new cases of HIV

Compiled by: Health Council of Southeast Florida, 2015

AIDS Incidence

The table below shows the number and rate of new AIDS cases in Martin County and in Florida during the years 2009 -2013. The number of cases in the county ranged from 5 to 20 during the time period shown. The rate was 7.4 per 100,000 in 2013 which was less than half of the state's rate. The county's rate was below the Healthy People 2020 target of 13.0 per 100,000.

TABLE 103: AIDS CASES, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	5	3.4	4,038	21.6
2010	8	5.5	3,173	16.9
2011	20	13.6	3,295	17.4
2012	9	6.1	2,652	13.9
2013	11	7.4	3,282	17.0

Source: FloridaCHARTS, Florida Department of Health, Bureau of HIV/AIDS, 2013

Notes: Generally, AIDS cases remained fairly stable in the early 2000s, with an increase in 2004 due to increased CD4 testing statewide. Electronic laboratory reporting delays in late 2007 decreased cases in that year, while contributing to a spike in 2008. The expansion of electronic lab reporting increased the timeliness of reporting, which further contributed to the artificial spike in 2008 followed by the artificial dip in 2009 & 2010. Cases reported in correctional facilities are excluded from the county totals, but are included in the state total. Rates calculated using July 1 population estimates from the Office of the Governor.

Compiled by: Health Council of Southeast Florida, 2015

Healthy People 2020 Target

Number of new AIDS cases among adolescents and adults = 13.0 new cases per 100,000

Sexually Transmitted Infections/ Diseases

If left undetected and untreated sexually transmitted infections/disease can lead to tubal infertility, ectopic pregnancy, pelvic inflammatory disease, chronic pelvic pain and cervical cancer.²⁰

The table below shows the number and rate of three sexually transmitted infections, gonorrhea, chlamydia and infectious syphilis in Martin County and in Florida in the years 2009 -2013. In 2013 there were 325 infections in the county, with a rate of 218.7 per 100,000. The rate in the county is nearly 60% less than the state’s rate.

TABLE 104: TOTAL GONORRHEA, CHLAMYDIA AND INFECTIOUS SYPHILIS, MARTIN COUNTY AND FLORIDA, 2009-2013

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	283	194.0	94,837	506.8
2010	376	256.8	96,061	510.4
2011	410	279.2	96,923	511.9
2012	310	210.4	98,777	518.7
2013	325	218.7	103,566	536.1

Source: FloridaCHARTS, Department of Health, Bureau of STD Prevention & Control , 2013
 Compiled by: Health Council of Southeast Florida 2015

²⁰ University of Wisconsin Population Health Institute. (2010). County Health Rankings 2010; retrieved from www.countyhealthrankings.org/health-factors/unsafe-sex

EMERGENCY DEPARTMENT PRIMARY DIAGNOSES

The table below shows the top 20 most frequent primary diagnoses of Martin County residents visiting emergency rooms in Florida in 2012. The International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) was the official system of assigning codes to diagnoses and procedures associated with hospital utilization in the United States.²¹ The ICD-9 diagnosis code, along with the number of discharges and percent Martin County resident discharges are shown. The most frequent primary diagnosis was urinary tract infection (923), upper respiratory infection (920) and abdominal pain (786).

TABLE 105: TOP 20 PRIMARY DIAGNOSES, EMERGENCY ROOM VISITS, MARTIN COUNTY RESIDENTS, 2012

ICD9	Primary Diagnosis	Discharges	
599.0	Urinary Tract Infection Non-specific	923	2.30%
465.9	Acute Upper Respiratory Infection Non-specific	920	2.30%
789.00	Abdominal Pain Unspecified Site	786	2.00%
786.59	Chest Pain Not elsewhere classified	722	1.80%
490	Bronchitis Non-specific	673	1.70%
462	Acute Pharyngitis	584	1.50%
780.60	Fever Non-specific	552	1.40%
784.0	Headache	551	1.40%
959.01	Head Injury Non-specific	520	1.30%
780.4	Dizziness And Giddiness	484	1.20%
382.9	Otitis Media Non-specific	482	1.20%
780.2	Syncope And Collapse	441	1.10%
920	Contusion Face/scalp/neck	414	1.00%
883.0	Open Wound Of Finger	395	1.00%
847.0	Sprain Of Neck	382	1.00%
558.9	Noninfectious Gastroenteritis Non-specific	374	0.90%
401.9	Hypertension Non-specific	368	0.90%
724.2	Lumbago	365	0.90%
787.03	Vomiting Alone	343	0.90%
789.09	Abdominal Pain Other Specified Site	332	0.80%
All other		29,379	73.5%
Total Visits		39990	100.0%

Source: Florida Emergency Room Data System; Agency for Health Care Administration, 2012
Compiled by: Health Council of Southeast Florida, 2015

²¹ Centers for Disease Control and Prevention (CDC). (2015). International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM). Retrieved from: <http://www.cdc.gov/nchs/icd/icd9cm.htm>

MORTALITY

Mortality is a term used when referring to the public's health to refer to death.

LEADING CAUSES OF DEATH

The table below shows the leading causes of deaths in Martin County in 2012. For each of the top causes, the number of deaths, percent of total deaths, crude and age-adjusted death rates and years of potential life lost are shown. The greatest number of deaths in the county were from cancer (441 or 23.5%) followed by heart disease (373 or 19.9%). Unintentional injuries were the fifth leading cause of death, accounting for 4.0% of total deaths, and the second greatest risk factor for years of potential life lost at a rate of 1,002.4 per 100,000 residents under the age of 75.

TABLE 106: LEADING CAUSES OF DEATH, MARTIN COUNTY, 2013

Cause of Death	Deaths	Percent of Total Deaths	Crude Rate Per 100,000	Age-Adjusted Death Rate Per 100,000	3-Year Age-Adjusted Death Rate Per 100,000	YPLL < 75 Per 100,000 Under 75
ALL CAUSES	1,877	100.0%	1,262.80	620.5	582.4	7,253.7
CANCER	441	23.5%	296.7	144.8	144.3	1,655.0
HEART DISEASE	373	19.9%	250.9	113.4	108.6	900.9
CHRONIC LOWER RESPIRATORY DISEASE	155	8.3%	104.3	44.5	40.0	217.8
STROKE	111	5.9%	74.7	32.1	26.0	207.6
UNINTENTIONAL INJURIES	76	4.0%	51.1	40.6	41.1	1,002.4
ALZHEIMER'S DISEASE	54	2.9%	36.3	14.4	14.2	19.6
KIDNEY DISEASE	43	2.3%	28.9	13.4	8.6	114.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	36	1.9%	24.2	15.4	12.9	378.4
SUICIDE	32	1.7%	21.5	21.9	20.0	651.8
DIABETES MELLITUS	24	1.3%	16.1	9.0	9.6	136.3
SEPTICEMIA	21	1.1%	14.1	6.2	3.3	64.2
PARKINSON'S DISEASE	18	1.0%	12.1	4.8	6.0	10.2
PNEUMONIA/INFLUENZA	18	1.0%	12.1	5.4	4.6	47.0
HOMICIDE	4	0.2%	2.7	3.6	3.3	89.3
AIDS/HIV	1	0.1%	0.7	0.6	1.9	21.9

Source: FloridaCHARTS, Florida Department of Health, Office of Health Statistics and Assessment, 2013

Notes: Age-adjusted death rates are computed using the year 2000 standard population; YPLL = years of potential life lost

Compiled by: Health Council of Southeast Florida, 2015

Deaths by Age

The table below shows the number of deaths by age bracket in Martin County in 2013. The numbers of deaths are generally consistent with advanced age.

TABLE 107: DEATHS BY AGE, MARTIN COUNTY, 2013

	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown	Total
Martin	8	2	2	2	6	7	12	38	76	152	281	522	768	1	1,877

Source: FloridaCHARTS, Bureau of Vital Statistics, 2013
Compiled by: Health Council of Southeast Florida, 2015

HEART DISEASE DEATHS

The table below shows the number of deaths and the age-adjusted death rate for deaths due to major cardiovascular disease in Martin County and in Florida in 2009-2013. In 2013, the age-adjusted rate in the county was 158.8 per 100,000, the highest rate in the five year period shown. However, the county's rate was still lower than the state's rate of 199.5 per 100,000.

TABLE 108: DEATHS FROM MAJOR CARDIOVASCULAR DISEASES, MARTIN COUNTY AND FLORIDA, 2009-2013

Years	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	496	146.4	53,351	197.7
2010	448	139.6	53,330	204.7
2011	457	137.7	52,527	198.4
2012	472	141.3	53,802	200.6
2013	528	158.8	54,958	199.5

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013
Notes: ICD-10 Code(s): I00-I78

Compiled by: Health Council of Southeast Florida, 2015

CANCER DEATHS

In the United States, cancer is the second leading cause of death, responsible for 1 in 4 deaths. Nearly 14.5 million Americans with a history of cancer were alive on January 1, 2014. About 1,658,370 new cancer cases are expected to be diagnosed in 2015. ²²

The table below shows the number and age-adjusted death rate for deaths due to cancer in Martin County and in Florida for the years 2009-2013. During the time period shown, the rate was consistently lower than the state's rate.

TABLE 109: DEATHS FROM CANCER, MARTIN COUNTY AND FLORIDA, 2009-2013

Years	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2009	422	141.5	40,817	162.9
2010	446	151.9	40,883	161.2
2011	418	141.5	41,221	159.9
2012	445	146.8	41,696	160.3
2013	441	144.8	42,350	158.7

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013

Notes: ICD-10 Code(s): C00-C97

Compiled by: Health Council of Southeast Florida, 2015

²² American Cancer Society. (2015). Cancer Facts & Figures 2015. Retrieved from: <http://www.cancer.org/acs/groups/content/@editorial/documents/document/acspc-044552.pdf>

UNINTENTIONAL INJURY DEATHS

According to the National Center for Health Statistics, unintentional injuries are the fourth leading cause of death overall, and the leading cause of death for individuals in the 1-4, 5-14, 15-24 and 25-44 age groups.²³

The table below shows the number and age-adjusted death rate of deaths due to unintentional injuries. In 2013, there were 76 deaths in the county due to unintentional injuries, an age-adjusted rate of 40.6 per 100,000, which was slightly higher than the rate in the state.

TABLE 110: DEATHS FROM UNINTENTIONAL INJURIES, MARTIN COUNTY AND FLORIDA, 2009-2013

Years	Martin County		Florida	
	Count	Rate	Count	Rate
2009	79	46.9	8,779	43.0
2010	83	50.4	8,644	41.8
2011	80	45.1	8,475	40.2
2012	70	37.6	8,561	39.7
2013	76	40.6	8,534	38.8

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 2013

Notes: ICD-10 Code(s): V01-X59, Y85-Y86

Compiled by: Health Council of Southeast Florida, 2015

²³ FastStats: Accidents or Unintentional Injuries (Last updated February 6, 2015). Retrieved from <http://www.cdc.gov/nchs/fastats/accidental-injury.htm>: National Center for Health Statistics.

UNINTENTIONAL FALLS

The table below shows the crude death rate of deaths due to unintentional falls by age, and by 3-year rolling averages. From 2011 to 2013, the crude death rate of Martin County residents ages 65 and older was 58.5 per 100,000.

TABLE 111: CRUDE DEATH RATES FROM UNINTENTIONAL FALLS BY AGE GROUP, MARTIN COUNTY AND FLORIDA, 1992-2013

Years	Ages 0-18		Ages 19- 65		Ages 65 and older	
	Martin County	Florida	Martin County	Florida	Martin County	Florida
1992-94	0.0	0.1	0.6	1.7	14.0	21.8
1993-95	0.0	0.1	1.7	1.7	11.4	21.8
1994-96	0.0	0.1	1.7	1.7	15.1	22.0
1995-97	0.0	0.2	1.7	1.9	11.8	23.0
1996-98	0.0	0.2	0.5	1.8	16.4	23.5
1997-99	0.0	0.2	1.0	1.8	14.3	24.3
1998-00	0.0	0.2	2.0	1.8	17.8	25.0
1999-01	0.0	0.1	2.5	2.0	20.5	26.7
2000-02	0.0	0.1	2.4	2.0	24.8	29.7
2001-03	0.0	0.2	1.9	2.2	26.2	34.0
2002-04	0.0	0.2	1.4	2.2	29.6	38.2
2003-05	0.0	0.2	5.4	2.4	26.6	42.4
2004-06	1.2	0.3	6.2	2.5	28.0	44.5
2005-07	1.2	0.3	7.4	2.5	28.2	45.6
2006-08	2.4	0.2	4.7	2.4	34.6	45.7
2007-09	1.2	0.2	3.9	2.4	44.2	48.4
2008-10	1.2	0.2	2.6	2.3	44.7	52.3
2009-11	0.0	0.1	3.8	2.4	55.2	56.6
2010-12	0.0	0.1	5.0	2.4	50.9	59.8
2011-13	0.0	0.1	5.8	2.5	58.5	62.8

Source: FloridaCHARTS, Florida Department of Health, Bureau of Vital Statistics, 1992- 2013

Data Note(s): ICD-10 Code(s): W00-0W1.

Compiled by: Health Council of Southeast Florida, 2015

HEALTH RESOURCE AVAILABILITY AND ACCESS

LICENSED FACILITY OVERVIEW

This section provides indicators on: licensed facility, hospital and nursing home utilization hospitalization data, health provider data, health insurance, safety net facility and county health rankings.

HOSPITALS

The table below shows the licensed hospitals in Martin County in 2014. There are three hospitals in Martin County and a total of 378 licensed hospital beds.

TABLE 112: LICENSED HOSPITALS, MARTIN COUNTY, AS OF JANUARY, 2015

Name	Street Address	City	Licensed Beds	Profit Status	Web Address
Healthsouth Rehabilitation Hospital at Martin Health	5850 SE Community Dr.	Stuart	34	For-Profit	http://www.healthsouthmartin.com/
Martin Hospital South	2100 SE Salerno Rd.	Stuart	100	Not-For-Profit	http://www.mmhs.com/
Martin Medical Center	200 SE Hospital Ave.	Stuart	244	Not-For-Profit	http://www.mmhs.com/

Source: FloridaHealthFinder, Florida Agency for Healthcare Administration, 2014
Compiled by: Health Council of Southeast Florida, 2015

NURSING HOMES

The table below shows the nursing homes in Martin County as of September 2014. According to the Agency for Health Care Administration (AHCA), there are seven nursing homes in Martin County with a total of 833 licensed nursing home beds.

TABLE 113: NURSING HOMES, MARTIN COUNTY, AS OF JANUARY, 2015

Name	Street Address	Street City	Licensed Beds	Profit Status	Web Address
Edgewater Manor	9555 SE Federal HWY	HOBE SOUND	120	For-Profit	N/A
Martin Nursing And Restorative Care Center	6011 SE Tower DR	STUART	120	For-Profit	www.martinrcc.com
Palm City Nursing & Rehab Center	2505 SW Martin HWY	PALM CITY	120	For-Profit	www.palmcityrehab.com
Parkway Health And Rehabilitation Center	800 SE Central Pkwy	STUART	177	For-Profit	www.parkwayhealthrehab.com/
Salerno Bay Health And Rehabilitation Center	4801 SE Cove RD	STUART	120	For-Profit	N/A
Stuart Nursing & Restorative Care Center	1500 SE PALM BEACH RD	STUART	120	For-Profit	www.stuartnursingandrestorative.com
Waters Edge Extended Care	1500 SW CAPRI ST	PALM CITY	56	For-Profit	www.watersedgeextendedcare.com

Source: FloridaHealthFinder, Florida Agency for Healthcare Administration, 2014
 Compiled by: Health Council of Southeast Florida, 2015

HEALTH CARE UTILIZATION

HOSPITAL UTILIZATION

The tables below shows detail utilization for Martin County hospital's including: number of licensed beds, occupancy rate, average length of stay, number of admissions and total patient days, Medicare eligible admissions, obstetrical and newborn services, acute care, critical care utilization, emergency department utilization, observations cases, rehabilitation utilization for January – December 2014.

Percent occupancy is the percentage of hospital beds occupied in a year. The average occupancy rate is calculated by multiplying the number of beds by 365 and then dividing the total number of inpatient days. The average daily census (ADC) is the average number of staffed beds that are occupied each day. ADC is calculated by dividing the number of inpatient days by 365.

Table 114 shows hospital utilization in Martin County for January – December 2014. HealthSouth Rehabilitation Hospital at Martin Health, who had the lowest number of beds, also had the highest occupancy rate (96.0%). The occupancy rate for Martin Memorial Hospital South was a little over 50.0%.

TABLE 114: HOSPITAL UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Licensed	Avg Daily Census	Occupancy Rate	Number of Admissions	Patient Days	Avg Length of Stay
HealthSouth Rehabilitation Hospital At Martin Health	34	32.6	96.0%	918	11,916	13.0
HealthSouth Treasure Coast Rehabilitation	80	56.2	70.2%	1,525	20,510	13.4
Martin Memorial Hospital South	100	53.7	53.7%	4,314	19,614	4.5
Martin Memorial Medical Center	244	173.3	71.0%	12,408	63,262	5.1
TOTAL	458	315.9	69.0%	19,165	115,302	6.0

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
Compiled by: Health Council of Southeast Florida, 2015

Table 115 shows hospitalizations of Medicare eligible (65+) individuals in Martin County for January – December 2014. Consistent with its services, HealthSouth Rehabilitation Hospital at Martin Health served the highest percent of Admissions for Medicare eligible (65+) individuals in Martin County during this time period.

TABLE 115: HOSPITALIZATIONS OF MEDICARE ELIGIBLE (65+) INDIVIDUALS, MARTIN COUNTY, JANUARY-DECEMBER, 2014

Agency Name	Admissions 65+	Admissions % Total	Patient Days 65+	Days % Total	65+ Average length of stay
HealthSouth Rehabilitation Hospital At Martin Health	741	80.7%	9,546	80.1%	12.9
Martin Memorial Hospital South	3,107	72.0%	14,500	73.9%	4.7
Martin Memorial Medical Center	7,557	60.9%	41,875	66.2%	5.5
TOTAL	11,405	59.5%	65,921	57.2%	5.8

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

Table 116 shows acute care utilization in Martin County for January – December 2014. Martin Memorial Medical Center, the larger of the two acute facilities in the county, had the higher occupancy rate (71.3%) during this time period.

TABLE 116: ACUTE CARE UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Allocated	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Martin Memorial Hospital South	100	53.7	53.7%	4,314	4,314	19,614	4.5
Martin Memorial Medical Center	239	170.5	71.3%	12,287	12,287	62,235	5.1
TOTAL	339	224.2	66.1%	16,601	16,601	81,849	4.9

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

The table below shows rehabilitative services utilization in Martin County for January – December 2014. HealthSouth Treasure Coast Rehabilitation, with an occupancy rate of 70.2%, is the larger of the two rehabilitative facilities; however, HealthSouth Rehabilitation Hospital at Martin Health operated at nearly full capacity with an occupancy rate of 96.0% during this time period.

TABLE 117: REHABILITATIVE SERVICES UTILIZATIONS, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Licensed	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Healthsouth Rehabilitation Hospital At Martin Health	34	32.6	96.0%	918	918	11,916	13.0
Healthsouth Treasure Coast Rehabilitation	80	56.2	70.2%	1,525	1,525	20,510	13.4
TOTAL	114	88.8	77.9%	2,443	2,443	32,426	13.3

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

The tables below (Table 118, Table 119, Table 120, Table 121 and Table 122) shows utilization for the following specific services in Martin County for January – December 2014: medical and surgical services, critical care, obstetrical services, newborn services and level II neonatal services.

TABLE 118: MEDICAL SURGICAL SERVICES UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Allocated	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Martin Memorial Hospital South	46	9.5	20.6%	873	873	3,460	4.0
Martin Memorial Medical Center	114	95.0	83.3%	6,640	6,640	34,661	5.2
TOTAL	160	104.4	65.3%	7,513	7,513	38,121	5.1

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

TABLE 119: CRITICAL CARE UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Allocated	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Martin Memorial Hospital South	8	6.2	78.0%	371	371	2,279	6.1
Martin Memorial Medical Center	31	16.6	53.5%	946	946	6,054	6.4
TOTAL	39	22.8	58.5%	1,317	1,317	8,333	6.3

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

TABLE 120: OBSTETRICAL SERVICES UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Allocated	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Martin Memorial Medical Center	24	7.6	31.5%	970	970	2,756	2.8
TOTAL	24	7.6	31.5%	970	970	2,756	2.8

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015

Compiled by: Health Council of Southeast Florida, 2015

TABLE 121: NEWBORN SERVICES UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Bassinets Allocated	Avg Daily Census	Occupancy Rate	Live Births	Newborn Days	Avg Length of Stay	Stillbirths
Martin Memorial Medical Center	20	7.7	38.4%	950	2,805	3.0	5
TOTAL	20	7.7	38.4%	950	2,805	3.0	5

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015

Compiled by: Health Council of Southeast Florida, 2015

TABLE 122: LEVEL II NEONATAL SERVICES UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Beds Licensed	Avg Daily Census	Occupancy Rate	Number of Admissions	Admissions + Transfers	Patient Days	Avg Length of Stay
Martin Memorial Medical Center	5	2.8	56.3%	121	121	1,027	8.5
TOTAL	5	2.8	56.3%	121	121	1,027	8.5

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015

Compiled by: Health Council of Southeast Florida, 2015

EMERGENCY DEPARTMENT UTILIZATION

Table 123 shows hospital emergency department (ED) utilization in Martin County for January to December 2014. At Martin Memorial Hospital South 15.2% of ED visitors were admitted to the hospital, which was less than the 22.8% of ED visitors admitted to the hospital at Martin Memorial Medical Center.

TABLE 123: HOSPITAL EMERGENCY DEPARTMENT UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

Agency Name	Total Visits	Total Admit
Martin Memorial Hospital South	27,622	4,188
Martin Memorial Medical Center	31,153	7,107
TOTAL	58,775	11,295

Source: Health Council of Southeast Florida Hospital Utilization Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

OTHER HOSPITALIZATION DATA

The table below shows the number and rate of preventable hospitalization for individuals in Martin County and in Florida for the years 1999-2013.

Preventable hospitalizations are determined using the Agency for Health Research and Quality (AHRQ) Ambulatory Sensitive Conditions ICD-9 Codes.

These conditions include asthma, diabetes or dehydration and are conditions which timely and effective ambulatory care may decrease hospitalizations. Early and preventative care may prevent the onset of the illness or condition or it may help control an acute episode of an illness or managing a chronic disease or condition.

High rates of hospitalizations for ambulatory sensitive conditions may be an indicator of insufficient prevention efforts, a shortage in primary care resources or other issues within the health care system that may be barriers to obtaining timely and effective care.²⁴ The table below shows the preventable hospitalizations under 65 from all conditions.

TABLE 124: PREVENTABLE HOSPITALIZATIONS UNDER 65 FROM ALL CONDITIONS, MARTIN COUNTY AND FLORIDA, 1993-2013

Year	Martin		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
1999	1,092	1,219.3	152,313	1,180.3
2000	1,016	1,109.6	154,966	1,169.0
2001	956	1,019.3	163,075	1,205.0
2002	892	932.2	171,326	1,243.3
2003	933	949.8	179,167	1,271.7
2004	913	894.1	181,455	1,247.1
2005	948	923.1	189,738	1,276.5
2006	877	845.0	188,352	1,243.9
2007	837	798.2	184,924	1,204.5
2008	785	747.0	177,081	1,147.4
2009	727	689.7	188,891	1,220.6
2010	728	686.1	189,282	1,220.7
2011	810	762.9	189,967	1,221.0
2012	735	690.4	189,237	1,211.2
2013	792	739.4	190,690	1,206.4

Source: FloridaCHARTS, Florida Agency for Health Care Administration (AHCA), 2013

Notes: Ambulatory Care Sensitive Conditions ICD-9-CM Codes

Compiled by Health Council of Southeast Florida, 2015

²⁴ http://www.floridacharts.com/charts/documents/ACS_Conditions_Definition_UPDATE.pdf

NURSING HOME UTILIZATION

Nursing home utilization data for Martin County including number of beds, percent occupancy, average daily census (ADC), admissions by payer source and patient days by payer source. Percent occupancy is the percentage of hospital beds occupied in a year. The average occupancy rate is calculated by multiplying the number of beds by 365 and then dividing the total number of inpatient days. The ADC is the average number of staffed beds that are occupied each day. ADC is calculated by dividing the number of inpatient days by 365.

Table 125 shows nursing home utilization in Martin County for 2013. There was a total of 813 licensed beds with an occupancy of 88.1%.

TABLE 125: NURSING HOME UTILIZATION, MARTIN COUNTY, JANUARY- DECEMBER, 2014

	Licensed Beds			Admissions	Patient Days
	# of Beds	% Occupancy	ADC		
Martin County	813	88.1%	716	1,785	173,979

Source: Health Council of Southeast Florida, Nursing Home Utilization Data, 2014
 Compiled by: Health Council of Southeast Florida, 2015

HEALTH CARE PROVIDER SUPPLY

PHYSICIANS

The table below shows the total licensed Florida Physicians in Martin County. In the fiscal year 2013-2014, there were 418 licensed physicians in Martin County, a rate of 281.2 per 100,000, which was slightly higher than the state's rate of 275.7 per 100,000. It is important to note that this data does not detail whether the physician is actively practicing medicine in the county, thus should not be interpreted as an accurate representation of access.

TABLE 126: TOTAL LICENSED FLORIDA PHYSICIANS, MARTIN COUNTY AND FLORIDA, 2009-2010 THROUGH 2013-2014

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
FY 09-10	349	239.3	42,572	227.5
FY 10-11	407	277.9	48,098	255.6
FY 11-12	408	277.9	49,270	260.2
FY 12-13	419	284.4	50,586	265.6
FY 13-14	418	281.2	53,259	275.7

Source: FloridaCHARTS, Florida Department of Health, 2014

Notes: Licensure data is for a fiscal year (July 1-June 30). Data includes actively licensed providers only.

Compiled by: Health Council of Southeast Florida, 2015

NURSES

As of September 2014, there were 2,439 licensed Registered Nurses with an 'address of record' in Martin County according to the Florida Department of Health license verification database. As with physicians, this number is not necessarily indicative of the number of nurses who are actively practicing in the county and may not be an accurate representation of access to providers.

The table below shows the nurse to student ratio in Martin County and Florida schools for grades K-12. In the fiscal year 2013-2014, the nurse to student ratio was 1:2441, which was higher than the state's ratio of 1:2237.

TABLE 127: NURSE-STUDENT RATIO IN SCHOOLS GRADES K-12, MARTIN COUNTY AND FLORIDA, 2005-2013

Year	Martin	Florida
	Rate	Rate
2005	1,658.1	2,660.3
2006	2,026.6	2,471.2
2007	1,393.0	2,569.2
2008	1,505.6	2,518.0
2009	1,801.5	2,536.4
2010	1,797.6	2,260.8
2011	2,021.7	2,452.8
2012	1,868.0	2,257.0
2013	2,441.0	2,237.0

DENTISTS

The table below shows the licensed dentists in Martin County and Florida from the 2009-2010 fiscal year to the 2013-2014 fiscal year. In the fiscal year 2013-14, there were 111 licensed dentists in Martin County, a rate of 74.7 per 100,000. This rate was higher than the state's rate of 53.8 per 100,000. As with physicians and nurses this number is not necessarily indicative of the number of dentists who are actively practicing in the county and may not be an accurate representation of access to providers.

TABLE 128: TOTAL LICENSED DENTISTS, MARTIN COUNTY AND FLORIDA, 2009-2010 THROUGH 2013-2014

Year	Martin County		Florida	
	Count	Rate	Count	Rate
FY 09-10	109	74.7	9,860	52.7
FY 10-11	109	74.4	10,048	53.4
FY 11-12	115	78.3	10,118	53.4
FY 12-13	122	82.8	10,443	54.8
FY 13-14	111	74.7	10,396	53.8

Source: FloridaCHARTS, Florida Department of Health, Division of Medical Quality Assurance, 2014

Notes: Licensure data is for a fiscal year (July 1-June 30). Data includes actively licensed providers only.

Compiled by: Health Council of Southeast Florida, 2015

FEDERAL HEALTH PROFESSIONAL SHORTAGE AREA (HPSA)

Health Professional Shortage Areas (HPSAs) are areas, populations or institutions designated by the Health Resources and Services Administration (HRSA) to have shortages of primary medical care, dental or mental health providers. HPSA designations are based on several criteria including: a rational need for services, a provider to population ratio that falls below a set criteria, and an occurrence of current health providers being over-utilized, inaccessible or excessively distant.

“HPSA scores range from 1 to 25 for primary care and mental health, 1 to 26 for dental. The higher scores translate into greater priority. All Federally Qualified Health Centers and those Rural Health Clinics that provide access to care regardless of ability to pay receive automatic facility HPSA designation. These facilities may have a HPSA score of “0.” The “# Short” indicates the number of full-time equivalent providers needed to remove the designation.²⁵

²⁵ Health Resources and Service Administration

PRIMARY CARE HEALTH PROFESSIONAL SHORTAGE AREA

The table below shows primary care health professional shortage areas in Martin County as of September 2014. There were three primary health professional shortage areas designated in Martin County at the time stated, the geographical area of Indiantown, the minor civil division of Indiantown and the Martin Correctional Institution.

TABLE 129: PRIMARY CARE HEALTH PROFESSIONAL SHORTAGE AREAS, MARTIN COUNTY, AS OF APRIL, 2015

HPSA Name	Type	FTE	# Short	
Indiantown Service Area	Geographical Area	4	1	14
Indiantown CCD	Minor Civil Division	-	-	-
Martin Correctional Institution	Correctional Facility	1	1	12

Source: US Department of Health and Human Services, Health Resources and Service Administration, 2015
 Compiled by: Health Council of Southeast Florida, 2015

DENTAL CARE HEALTH PROFESSIONAL SHORTAGE AREA

The table below displays dental health professional shortages area in Martin County as of September 2014. There was one dental health professional shortage area designated in Martin County, the Martin Correctional Institute. The facility was identified as one full time equivalent (FTE) short.

TABLE 130: DENTAL HEALTH PROFESSIONAL SHORTAGE AREA, MARTIN COUNTY, AS OF SEPTEMBER, 2014

HPSA Name	Type	FTE	# Short	Score
Martin Correctional Institution	Correctional Facility	2	1	3

Source: US Department of Health and Human Services, Health Resources and Service Administration, 2014
 Compiled by: Health Council of Southeast Florida, 2015

MENTAL HEALTH CARE HEALTH PROFESSIONAL SHORTAGE AREA

The table below shows mental health professional shortage areas in Martin County as of September 2014. There were three mental health professional shortage areas designated in Martin County; the Martin Correctional Institution, the geographical area of Indiantown and the minor civil division of Indiantown. The Martin Correctional Institute was identified as two full time equivalents (FTEs) short and the geographical area of Indiantown, one short.

TABLE 131: MENTAL HEALTH PROFESSIONAL SHORTAGE AREAS, MARTIN COUNTY, AS OF SEPTEMBER, 2014

HPSA Name	Type	FTE	# Short	Score
Martin Correctional Institution	Correctional Facility	0	2	18
Indiantown Service Area	Geographical Area	0	1	10
Indiantown CCD	Minor Civil Division	-	-	-

Source: US Department of Health and Human Services, Health Resources and Service Administration, 2014

Compiled by: Health Council of Southeast Florida, 2015

FEDERAL MEDICALLY UNDERSERVED AREAS/POPULATIONS

Medically Underserved Areas (MUAs)/Populations (MUPs) are designated by Health Resources Service Administration (HRSA) as areas or populations having: too few primary care providers, high infant mortality, high poverty and/or high elderly population. An Index of Medical Underservice (IMU) uses weighted values for different factors to determine the score.

Medically Underserved Populations (MUPs) are comprised of groups of individuals who face economic, cultural or linguistic barriers to health care. Medically Underserved Areas (MUAs) are a whole county or a group of contiguous counties, a group of county or civil divisions or a group of urban census tracts in which residents have a shortage of personal health services.²⁶

The table below displays the medically underserved populations and areas in Martin County, as of September 2014. Indiantown service area was identified as a medically underserved population with a MUA of 60.8 (a source of 62.0 or less qualifies for designation as a MUA) since 2000.

TABLE 132: MEDICALLY UNDERSERVED POPULATIONS AND AREAS, MARTIN COUNTY, AS OF SEPTEMBER, 2014

Name	ID#	Type	IMU Score	Designation Date
Indiantown Service Area	6144	MUA	60.8	8/15/2000
MCD (91586) Indiantown CCD	-	-	-	-

Source: Source: US Department of Health and Human Services, Health Resources and Service Administration, 2014
Compiled by: Health Council of Southeast Florida, 2015

²⁶ Health Resources and Services Administration

HEALTH INSURANCE

Uninsured

The table below shows the number and percent of uninsured individuals in Martin County and in Florida in 2013 by age bracket and gender. In 2013 there were over 22,000 uninsured individuals in the county, representing 14.9% of the total population; this rate was lower than the percent uninsured in the state as a whole, 20.0%. Over 23.0% of individuals aged 18-64 were uninsured and in the 19-25 year age group, 24.8% were without health insurance coverage.

TABLE 133: UNINSURED BY AGE AND GENDER, MARTIN COUNTY AND FLORIDA, 2013

	Martin County			Florida		
	Total	Number Uninsured	Percent Uninsured	Total	Number Uninsured	Percent Uninsured
Total civilian noninstitutionalized population	148,422	22,106	14.9%	19,245,127	3,852,963	20.0%
AGE						
Under 18 years	25,874	3,150	12.2%	4,019,835	445,035	11.1%
18 to 64 years	80,516	18,858	23.4%	11,646,895	3,348,787	28.8%
65 years and older	42,032	98	0.2%	3,578,397	59,141	1.7%
19 to 25 years	7,936	1,970	24.8%	1,767,603	624,952	35.4%
SEX						
Male	71,728	12,283	17.1%	9,333,945	2,035,081	21.8%
Female	76,694	9,823	12.8%	9,911,182	1,817,882	18.3%

Source: U.S Census Bureau, American Community Survey, 2013
 Compiled by: Health Council of Southeast Florida, 2015

Insurance Enrollments/Re-enrollments

The table below shows the number of Affordable Care Act enrollment/re-enrollments in Martin County as of January 2015, by plan selections and zip code. In January 2015 there were over 7,000 health insurance enrollments in the county.

TABLE 134: CONSUMERS WHO SELECTED A PLAN OR AUTOMATICALLY RE-ENROLLED IN 2015, MARTIN COUNTY, AS OF JANUARY, 2015

Area	Zip Code	Plan Selections
Palm City	34990	1,714
Indiantown	34956	309
Hobe Sound	33455	1,035
Stuart	34997	2,418
Sewall's Point	34996	496
Stuart	34994	973
ZIP Codes shared with neighboring counties*		
Jensen Beach	34957	1,352
Jupiter Inlet	33469	770
Jupiter	33478	729
Okeechobee	34974	787
Jupiter	33458	2,816

*Plan Selection Counts for Martin County are only partial of the total counts in the ZIP Codes shared with neighboring counties, 2015

Note: There was no plan selection information reported for ZIP Codes: 33438, 33475, 34958, 34991, 34992, and 34995

Source: ASPE, Department of Health and Human Services, Released January 2015

Compiled by: Health Council of Southeast Florida, 2015

The table below shows the number and difference of Affordable Care Act enrollment/re-enrollments in Martin County as of January and February 2015, by plan selections and zip code. In February 2015 there was a 35.9% difference in the enrollment for health insurance enrollments in Indiantown-34956.

TABLE 135: CONSUMERS WHO SELECTED A PLAN OR AUTOMATICALLY RE-ENROLLED IN A PLAN IN 2015, MARTIN COUNTY, AS OF FEBRUARY, 2015

ZIP Code	Plan Selections as of 01/16/2015	Plan Selections as of 02/22/2015	Difference	% Difference
33478	729	870	141	19.3%
33469	770	929	159	20.6%
33455	1,035	1,244	209	20.2%
34997	2,418	2,964	546	22.6%
34996	496	597	101	20.4%
34994	973	1,188	215	22.1%
34990	1,714	1,927	213	12.4%
34956	309	420	111	35.9%
33458	2,816	3,496	680	24.1%
34957	1,352	1,661	309	22.9%
34974	787	971	184	23.4%

Source: ASPE, Department of Health and Human Services, Released January 16, 2015 and February 22, 2015
 Compiled by: Health Council of Southeast Florida, 2015

Florida KidCare

Florida Kidcare is health insurance offered by the state of Florida for individuals up to 18 years, even if one or both parents are employed. The four parts of Florida KidCare for which one may be eligible are: MediKids, Healthy Kids, Children's Medical Services Network and Medicaid. Title XXI, also known as Children's Health Insurance Program (CHIP), is a state- and federally-funded program (currently, a 31 – 69 match) that provides insurance for children who do not qualify for Medicaid but whose families cannot afford private insurance.²⁷

The table below displays CHIP Title XXI enrollment in Martin County from 2010 to 2014. Overall, the number of enrollments gradually increased during this time period. In 2014, the average monthly enrollment was 2,066. It is interesting to note that the enrollment began a downward trend toward the last quarter of the year.

TABLE 136: CHILDREN'S HEALTH INSURANCE PROGRAM (CHIP), TITLE XXI, ENROLLMENT, MARTIN COUNTY, 2010-2014

Month	2010	2011	2012	2013	2014
January	1,688	1,804	1,957	2,072	2,092
February	1,695	1,834	1,916	2,102	2,152
March	1,727	1,855	2,010	2,096	2,179
April	1,809	1,857	2,035	2,076	2,184
May	1,807	1,900	2,067	2,124	2,144
June	1,835	1,892	2,082	2,135	2,112
July	1,860	1,892	2,075	2,123	2,114
August	1,837	1,896	2,088	2,109	2,084
September	1,839	1,885	2,064	2,167	2,023
October	1,822	1,960	2,054	2,004	1,950
November	1,773	1,925	2,079	2,148	1,916
December	1,776	1,937	2,068	2,004	1,844

Source: Florida Department of Health from the Agency of Health Care Administration's Florida CHIP Monthly Enrollment Reports, 2015
Compiled by: Health Council of Southeast Florida, 2015

²⁷ www.floridakidcare.org

Title XIX, also known as Medicaid, is a state and federally funded entitlement program (50/50). The table below shows Kidcare Medicaid monthly enrollment in the years 2010-2014. In 2014, the average monthly enrollment was 9,887.

TABLE 137: KIDCARE MEDICAID ENROLLMENT, TITLE XIX, MARTIN COUNTY, 2010-2014

Month	2010	2011	2012	2013	2014
January	7,741	8,420	8,985	9,164	9,133
February	7,660	8,437	9,015	9,189	9,309
March	7,770	8,509	8,955	9,137	9,677
April	7,816	8,562	9,019	9,111	9,848
May	7,866	8,535	9,037	9,088	9,947
June	7,883	8,547	9,007	9,128	9,900
July	7,978	8,735	9,099	9,113	9,877
August	8,099	8,869	9,124	9,109	10,112
September	8,110	8,861	9,080	9,097	10,041
October	8,160	8,943	9,136	9,059	10,116
November	8,246	9,007	9,105	9,092	10,320
December	8,283	9,005	9,114	9,106	10,362

Source: Florida Department of Health from the Agency of Health Care Administration's Florida CHIP Monthly Enrollment Reports, 2015
 Compiled by: Health Council of Southeast Florida, 2015

Medicaid

Medicaid is a federally and state funded health program in the United States that provides health services to low income individuals and families.

The table below shows the median monthly Medicaid enrollment in Martin County and in Florida for the years 2008-2013. In 2013, the median monthly enrollment in the county was 15,855, a rate of 10,666.8 per 100,000.

TABLE 138: MEDIAN MONTHLY MEDICAID ENROLLMENT, MARTIN COUNTY AND FLORIDA, 2008-2013

Year	Martin County		Florida	
	Count	Rate per 100,000	Count	Rate per 100,000
2008	11,835	8,156.4	2,637,603	14,152.6
2009	12,020	8,241.7	2,678,520	14,314.6
2010	13,880	9,478.7	2,995,439	15,916.0
2011	14,470	9,854.3	3,128,693	16,524.1
2012	Data not available	Data not available	Data not available	Data not available
2013	15,855	10,666.8	3,611,417	18,693.7

Source: FloridaCHARTS, Agency for Health Care Administration, 2013

Notes: The median enrollment in Medicaid is the number where, over 12 months of enrollment, half are more than this number median and half are below this number.

Compiled by: Health Council of Southeast Florida, 2015

SAFETY NET

Safety net providers are generally non-profit, consumer directed health care centers whose mission is to provide high quality, cost-effective and comprehensive primary and preventive care to medically underserved and uninsured people.²⁸ These organizations serve low income, working families, the uninsured and other high risk populations, such as homeless, migrant farm workers, isolated rural families, poor women, children and the elderly.

These centers have chosen to focus on wellness and prevention, which are key to cost savings in health care system. Through innovative approaches and interventions in community outreach, patient education and prevention, these health centers also strive to teach their patients to take responsibility for their own health.

Federally Qualified Health Centers (FQHC) and Federally Qualified Health Center Look-Alikes (FQHC Look-Alikes) are supported by Health Resources and Service Administration (HRSA) and aim to provide primary health care services to underserved and vulnerable populations. The health centers serve populations with limited access to health care including: low income populations, the uninsured, individuals with language barriers, migrant and seasonal farmworkers, the homeless, and individuals living in public housing²⁹. FQHCs and FQHC Look-alikes may include community health centers, migrant health centers, Health care for the Homeless programs, and public housing primary care programs. These organizations play an instrumental role in filling critical gaps in health care.

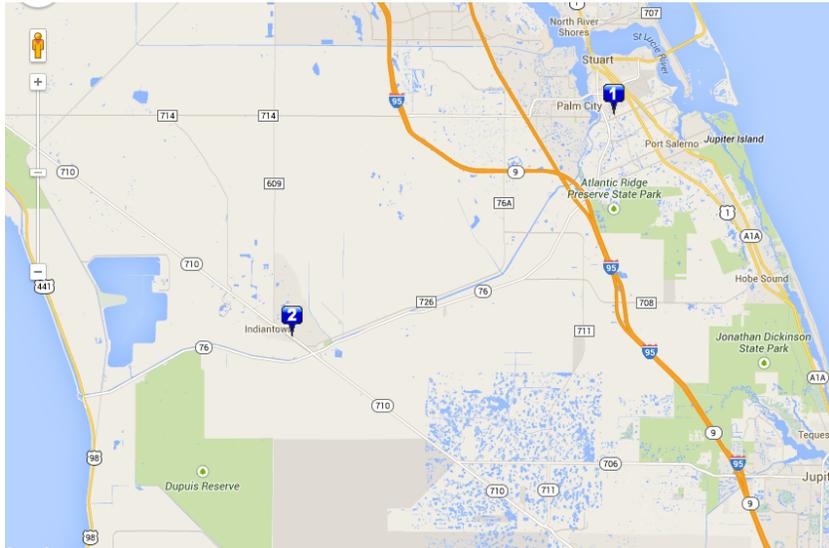
²⁸ National Association of Community Health Centers (NACHC). October 2010. Partnerships between Federally Qualified Health Centers and Local Health Departments for Engaging in the Development of a Community-Based System of Care. http://www.naccho.org/topics/hpdp/upload/partnerships-between-fqhcs-and-lhds_final_11_03_10.pdf

²⁹ www.bphc.hrsa.gov

Federally Qualified Health Centers, Federally Qualified Health Center Look-Alikes

Martin County has two Federally Qualified Health Centers (FQHC's): Florida Community Health Center at 3441 SE Willoughby Boulevard in Stuart, indicated as "1" on the map below and Indiantown Community Health Center at 15858 SW Warfield Boulevard in Indiantown, indicated as "2" on the map below.

FIGURE 9: MAP OF FEDERALLY QUALIFIED HEALTH CENTERS, MARTIN COUNTY



Florida Department of Health in Martin County

The mission of Florida Department of Health in Martin County is to protect, promote & improve the health of all people in Florida through integrated state, county, & community efforts.

The vision is to be the Healthiest State in the Nation

The values of Florida Department of Health in Martin County include:

- Innovation: We search for creative solutions and manage resources wisely.
- Collaboration: We use teamwork to achieve common goals & solve problems.
- Accountability: We perform with integrity & respect.
- Responsiveness: We achieve our mission by serving our customers & engaging our partners.
- Excellence: We promote quality outcomes through learning & continuous performance improvement.

The Florida Department of Health in Martin County has two locations, 3441 SE Willoughby in Stuart and 16401 SW Farm Road in Indiantown. Florida Department of Health in Martin County provides clinical services including family planning, HIV/STD and tuberculosis. Additionally, the Florida Department of Health in Martin County provides the following services and programs: birth and death certificates, epidemiology and disease surveillance, emergency preparedness, environmental health, Healthy Start, school health and WIC and nutrition services.

COUNTY HEALTH RANKINGS

“The *County Health Rankings & Roadmaps* program helps communities identify and implement solutions that make it easier for people to be healthy in their schools, workplaces, and neighborhoods. Ranking the health of nearly every county in the nation, the *County Health Rankings* illustrate what we know when it comes to what is making people sick or healthy. The *Roadmaps* show what we can do to create healthier places to live, learn, work, and play. The Robert Wood Johnson Foundation (RWJF) collaborates with the University of Wisconsin Population Health Institute (UWPHI) to bring this program to cities, counties, and states across the nation.”³⁰

WHAT ARE THE COUNTY HEALTH RANKINGS?

“The *Rankings* help counties understand what influences how healthy residents are and how long they will live. The *Rankings* look at a variety of measures that affect health, such as high school graduation rates, access to healthy foods, rates of smoking, obesity, and teen births. Based on data available for each county, the *Rankings* are unique in their ability to measure the overall health of each county in all 50 states. They have been used to garner support for local health improvement initiatives among government agencies, health care providers, community organizations, business leaders, policy makers, and the public.”³¹

³⁰ <http://www.countyhealthrankings.org/sites/default/files/resources/CHR%26R%202015%20Key%20Findings.pdf>

³¹ www.countyhealthrankings.org/florida; http://www.countyhealthrankings.org/sites/default/files/state/downloads/CHR2014_FL_v2.pdf

The table below reflects the 2014 County Health Rankings for Martin County. The county ranked fourth among the 67 Florida counties in ‘Health Outcomes’ and fifth in ‘Health Factors.’

TABLE 139: COUNTY HEALTH RANKINGS, MARTIN COUNTY, 2014

	Martin	Top U.S. Performers	Florida	Rank (of 67)
Health Outcomes				4
Length of Life				5
Premature death	6,380	5,317	7,310	
Quality of Life				3
Poor or fair health	15%	10%	16%	
Poor physical health days	2.5	2.5	3.7	
Poor mental health days	3.3	2.4	3.8	
Low birthweight	7.70%	6.00%	8.70%	
Health Factors				5
Health Behaviors				7
Adult smoking	17%	14%	18%	
Adult obesity	20%	25%	26%	
Food environment index	7.6	8.7	7.2	
Physical inactivity	20%	21%	24%	
Access to exercise opportunities	78%	85%	78%	
Excessive drinking	17%	10%	16%	
Alcohol-impaired driving deaths	37%	14%	29%	
Sexually transmitted infections	252	123	399	
Teen births	34	20	38	
Clinical Care				4
Uninsured	22%	11%	25%	
Primary care physicians	1,341:1	1,051:1	1,426:1	
Dentists	1,519:1	1,392:1	1,939:1	
Mental health providers	792:01:00	521:01:00	890:01:00	
Preventable hospital stays	42	46	64	
Diabetic screening	86%	90%	84%	
Mammography screening	75%	71%	68%	
Social & Economic Factors				12
High school graduation	82%		70%	
Some college	58%	70%	60%	
Unemployment	8.80%	4.40%	8.60%	
Children in poverty	24%	13%	26%	
Inadequate social support	18%	14%	22%	
Children in single-parent households	28%	20%	37%	
Violent crime	287	64	556	
Injury deaths	76	49	70	
Physical Environment				60
Air pollution - particulate matter	10.6	9.5	11.4	
Drinking water violations	61%	0%	4%	
Severe housing problems	18%	9%	22%	
Driving alone to work	79%	71%	79%	
Long commute - driving alone	30%	15%	37%	

Source: County Health Rankings, www.countyhealthrankings.org, 2014

Notes: * 90th percentile, i.e., only 10% are better; Blank values reflect unreliable or missing data

Compiled by: Health Council of Southeast Florida, 2015

CONCLUSION

The quantitative data compiled, analyzed and reviewed by the Advisory Committee during the Community Health Status Assessment describes the population health status of Martin County and not only compliments, but in some cases, provides insight on health issues that arise from the qualitative, or primary data, collected, analyzed and reviewed by the Advisory Council, which will be discussed in the subsequent section: Community Themes and Strengths. Moreover, the quantitative data presented in the three health profiles in this section lays the foundation for identifying strategic issues and health priorities, which are critical components of the MAPP process.

APPENDIX A

ADVISORY COMMITTEE

Name	Organization
Elizabeth Barbella	House of Hope
Leigh Bergstrom	Treasure Coast Hospice
Scott Berry	Healthy Start of Martin County
Audrey Burzynski	Floridians Fighting Falls
Jane Cebelak	Indian River State College
Anita Cocoves	Martin County Government
Molly Ferguson	Florida Community Health Centers
Donna Goodwin	Florida Department of Health in Martin County
Sarah Gosney	Children's Services Council of Martin County
Harry Hernandez	CareerSource Research Coast
Michael Hofmaier	Suncoast Mental Health Centers
Tim Kimes	Martin Nursing and Restorative Center
Robert King	Florida Department of Health in Martin County
Frank Lasaga	City of Stuart Fire Rescue
Michael Lindgren	Martin County School District
Annette Lopez	The Kane Center
Nelson Merchan-Cely	Hispanics in Action of the Treasure Coast
Karlette J. Peck	Florida Department of Health in Martin County
Todd Reinhold	Florida Department of Health in Martin County
John Romano	New Horizons
Heather Rothe	Stuart Police Department
Rachel Terlizzi	Martin Health System
David Vaina	Treasure Coast Food Bank
Robyn Vanover	Martin County School District
Jim Vojcsik	United Way of Martin County
Lisa Vreeland	Red Cross
Bob Washam	Citizen
Carolann Wegener	Florida Department of Health in Martin County
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For More Information

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