

## **Community Outreach: Outcomes Report**

### **Lung Cancer Education and Smoking Cessation**

#### **Background:**

Smoking is the leading cause of preventable death in the U.S., causing over 438,000 deaths per year. In 2015, an estimated 15.1% (36.5 million) U.S. adults were cigarette smokers. Smoking-related illness in the United States costs more than \$300 billion a year. In the State of Florida, the adult smoking rate in 2015 is higher than the national average, and is at 15.8% (2,554,200). The annual health care costs in Florida directly caused by smoking \$8.64 billion. In 2010, the prevalence of smoking in Volusia and Flagler counties are higher than the national and state averages

#### Census Data

County Name	Total Population <sup>1</sup>	Population 50+ <sup>1</sup>	Smoking Prevalence <sup>2</sup>
Flagler County	102,408	51,543	18%
Volusia County	507,531	231,783	25%
<b>TOTALS</b>	<b>609,939</b>	<b>283,326</b>	<b>22% <sup>3</sup></b>

#### Rationale

This has been listed as a key community health concern. This is a significant hospital initiative that we are continuing for the next 3 years due to the amount of smoking and lung cancer in our community. We have had progress in our efforts in 2016 and will continue to track during 2017.

#### **Strategies:**

- a. Local organization partnership:
  - Northeast Florida Area Health Education Council
  - AHEC Provides Tools to Quite and the Quit Smoking Now Curriculum
  
- b. Facility Actions:
  - Each facility partners with AHEC

- Classes are promoted and held at the facility
- Patients are actively referred to AHEC

**b. Community Health Needs Assessment Data**

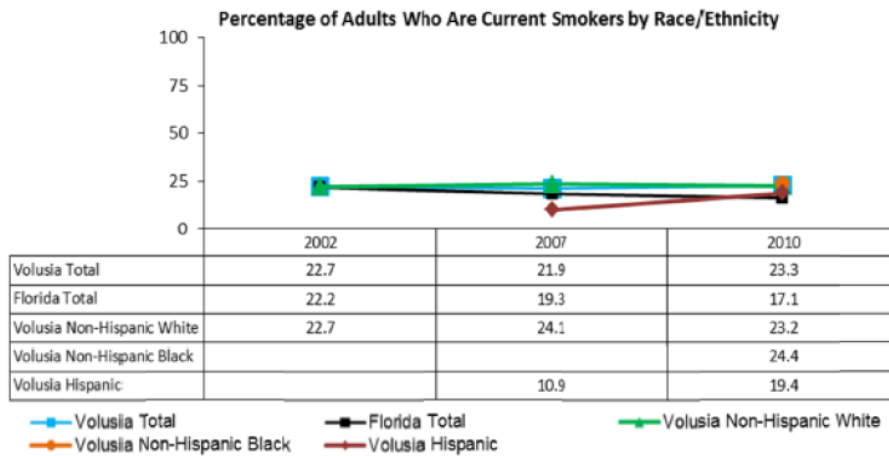
**Tobacco Use:**

17% of Florida adults are current smokers. This is defined as those who have smoked 100+ cigarettes in their lifetime and who are still smokers. Volusia County adults surpass this percentage by 23%. Non-Hispanic Blacks (24%) and ages 18-44 (29.6%) have the highest rates.

Percentage of Adult Current Smokers Who Tried to Quit Smoking at Least Once in the Past Year			
	2002	2007	2010
Volusia	44.8	50.9	61.3
Florida	55.3	53.2	30.1
Volusia White	44.1	53.7	56.9
Volusia Black	Not available	Not available	Not available
Volusia Hispanic	Not available	Not available	Not available
Volusia Male	42.9	51.2	61.7
Volusia Female	46.6	50.6	60.9

*Source: Behavioral Risk Factor Surveillance System Data Report*

Tobacco use is the single most preventable cause of death and disease in the United States. Each year, approximately 443,000 Americans die from tobacco-related illness. For every person who dies from tobacco use, 20 more people



### Health Issues YOU are Most Concerned About

Survey Question: Check up to 5 health issues YOU are most concerned about in your county:

Response	PSA	Volusia County
Addiction – alcohol or drug	42.94%	41.44%
Homelessness	41.44%	43.14%
Mental health problems	34.83%	36.00%
Unemployment	30.03%	31.15%
Adult obesity	27.93%	25.01%
Child abuse/neglect	24.62%	22.57%
Cancers	24.32%	22.57%
Smoking/tobacco use	22.22%	16.97%
Childhood obesity	19.52%	15.63%
Domestic violence	18.32%	17.12%
High blood pressure	15.62%	17.52%
Diabetes	15.62%	16.87%
Violence (rape, assault, crime, etc)	15.62%	21.67%
Heart disease & stroke	15.32%	16.97%
End of life care	14.71%	14.53%
Access to healthy food/grocery stores	13.51%	12.43%
Dental problems	12.31%	13.08%
Environmental health, sewers, septic tanks	11.41%	10.98%
Cholesterol	11.11%	9.64%
Motor vehicle crash injuries	11.11%	10.83%
Respiratory/lung disease	9.31%	8.24%
Teenage pregnancy	7.81%	7.84%
Asthma	6.91%	8.04%

### Unhealthy Behaviors YOU are Most Concerned About

Survey Question: Check up to 5 unhealthy behaviors YOU are most concerned about in your county

Response	PSA	Volusia County
Drug abuse	58.26%	56.32%
Alcohol abuse	45.65%	45.03%
Mental health problems/stress	45.65%	47.13%
Lack of exercise	37.84%	32.80%
Being overweight/obese	36.94%	37.39%
Poor nutrition/ Poor eating habits	33.33%	36.15%
Overuse of emergency rooms	30.33%	31.65%
Unlicensed and/or unsafe drivers	29.43%	29.56%
Dropping out of school	25.53%	21.92%
Tobacco use	21.32%	22.87%
Teen sexual activity	18.62%	18.12%
Poor dental/oral health	17.72%	18.02%
Not getting “shots” to prevent disease	17.72%	16.08%
Not using birth control	10.21%	12.38%
Discrimination	8.41%	12.83%
Unsafe sex	7.81%	11.23%

### c. OUTCOMES

**FH DELAND 2016 Activities that were cost-free**

- 4 classes (January – November) were held at FH Deland 78 community members attended

**FH FISH 2016 Activities that were cost-free**

- 5 classes (January – November) were held at FH Fish; 33 community members attended

**FH FLAGLER 2016 Activities that were cost-free**

- 6 classes (January – November) were held at FH Flagler 74 community members attended

**FH MEMORIAL MEDICAL CENTER 2016 Activities that were cost-free**

- 9 classes (January – November) were held at FH Memorial and Oceanside 66 community members attended

**In total, 31 classes were held and 326 members attended.**

Facility Location	Classes/ Participants	Classes/Participants	Referrals	Referrals
	9/1/17-10/31/17	Total Year to date 1/1/17-11/29/17	9/1/17- 10/31/17	Year to date 1/1/17- 11/29/17
Florida Hospital Deland	1 class; 14 Participants	4 Classes; 78 Participants	3	22
Florida Hospital Flagler	1 class; 12 Participants	6 Classes; 74 Participants	9	42
Florida Hospital Fish Memorial	1 Class; 6 Participants	5 Classes; 33 Participants	0	18
Florida Hospital Memorial	1 Classes; 5 Participants	5 Classes; 35 Participants	174	325
Florida Hospital New Smyrna	1 Classes; 4 Participants	7 Classes; 75 Participants	1	43
Florida Hospital Oceanside	1 class; 5 Participants	4 Classes; 31 Participants	2	69
<b>Total</b>	<b>6 Classes; 46 Participants</b>	<b>31 Classes; 326 Participants</b>	<b>189</b>	<b>519</b>

## **EFFECTIVENESS OF PROGRAM**

AHEC does not have the information on attendees who quit. That information is handled by the outside agency contracted through Tobacco Free Florida, Professional Data Analysts. They contact a random sample drawn from each State of Florida AHEC Center's list of clients who attended a class and gave a signed consent for follow up.

The call consists of a 6-7 minute survey and the main outcome question is "Have you used any tobacco, even a puff or pinch in the last 30 days?" AHEC gest the total quit rate for the State AHEC classes which is 36%. AHEC does not get individual quit outcomes.