

# HealthStreet

RESEARCH HELPING PEOPLE



## Community Health Needs Assessment: Cancer Addendum

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## Introduction

The following document is an addendum to the Community Health Needs Assessment (CHNA) and contains data on members of the HealthStreet cohort with a history of cancer.

The p-values are derived from tests for statistical significance compared against cancer history. Categorical variables are analyzed using the Chi-square test and continuous variables are analyzed using Analysis of Variance (ANOVA). All statistical analyses were conducted using SAS 9.4.

**Table 1: Demographics of HealthStreet members by cancer history, from October 2011 through March 2017**

	<b>Cancer (N=697)</b>	<b>No Cancer (N=7,871)</b>	<b>p-value</b>
<b>Gender</b>			
Female	71.0%	58.4%	<.0001
Male	29.0%	41.6%	
<b>Average Age</b>			
Female	55.6	42.7	<.0001
Male	59.9	43.1	<.0001
<b>Race</b>			
Asian	0.8%	1.1%	<.0001
African-American	34.4%	63.3%	
Caucasian	59.0%	30.2%	
Other	5.8%	5.4%	
Latino/Hispanic*	4.9%	6.0%	0.2313
<b>Marital Status</b>			
Never Married	21.7%	50.2%	<.0001
Married	30.3%	19.9%	
Divorced/Separated/Widowed	48.0%	29.9%	
<b>Body Mass Index</b>			
Female	29.8	30.6	0.0368
Male	27.8	27.7	0.8652
12+ Years of Education	84.5%	78.5%	0.0002
Currently Employed	25.0%	35.2%	<.0001
Veteran Status	13.8%	9.4%	0.0002
Household size (including participant)	2.7	3.1	<.0001
Food Insecure (not enough \$ to buy food)	47.3%	47.2%	0.9818

\*Latino/Hispanic not mutually exclusive with other races

**Table 2: Research perceptions of HealthStreet members by cancer history, from October 2011 through March 2017**

	<b>Cancer (N=697) (%)</b>	<b>No Cancer (N=7,871) (%)</b>	<b>p-value</b>
Ever been in a health research study	33.9%	16.9%	<.0001
Interested in participating in research	95.5%	93.2%	0.0184
<b>Would you volunteer for a health research study...</b>			
that only asked questions about your health?	95.3%	93.7%	0.0973
if researchers wanted to see your medical records?	90.4%	86.2%	0.0019
if you had to give a blood sample?	91.9%	84.7%	<.0001
if you were asked to give a sample for genetic studies?	91.4%	84.6%	<.0001
if you might have to take medicine?	70.7%	60.8%	<.0001
if you were asked to stay overnight in a hospital or clinic?	81.5%	71.7%	<.0001
if you might have to use medical equipment?	91.4%	82.5%	<.0001
Would you participate in a study if you didn't get paid?	87.8%	78.0%	<.0001

**Table 3: Access to care of HealthStreet members by cancer history, from October 2011 through March 2017**

	<b>Cancer (N=697) (%)</b>	<b>No Cancer (N=7,871) (%)</b>	<b>p-value</b>
No doctor visit within past 6 months	12.1	34.4	<.0001
No physical exam within past 12 months	20.8	34.4	<.0001
Been to ER within past 6 months	37.1	32.2	0.0087
<b>Insurance Type</b>			
Private Insurance	30.4	27.2	<.0001
Medicaid/Medicare	45.8	31.6	
No Insurance	23.8	41.2	
Receives health care or health services at UF Health/Shands	50.8	36.3	<.0001
Ever had a colonoscopy (over 50 years)	73.7	49.6	<.0001
Ever had a mammogram (women over 40 years)	92.5	85.1	<.0001
Ever screened for prostate cancer (men over 45 years)	90.1	51.5	<.0001

**Table 4: Most prevalent cancer types among HealthStreet members by county of residence, from October 2011 through March 2017**

<b>Type</b>	<b>Alachua</b>	<b>Duval</b>	<b>Other</b>	<b>TOTAL</b>
Skin	133	9	12	154
Breast	67	21	16	104
Cervical	59	10	16	85
Prostate	33	15	4	52
Colorectal	18	17	1	36
Ovarian	10	7	4	21
Lung	8	7	2	17
Uterine	11	5	1	17
Lymphoma	13	3	0	16
Kidney	9	1	1	11
Thyroid	7	3	1	11
Liver	6	0	1	7
Stomach	4	2	1	7
Bladder	4	2	0	6
Brain	5	0	1	6
Leukemia	3	1	2	6
Pancreatic	4	1	1	6
Throat	3	2	0	5

## Table 5: Navigations and enrollments of HealthStreet members to cancer studies, from October 2011 through March 2017

The National Cancer Institute (NCI) Cancer Centers Program was intended to create specific centers exclusively dedicated to cancer-specific treatment and research through The National Cancer Act of 1971. Currently there are 69 designated centers in 35 states which have been recognized as such for their scientific leadership, resources, and depth and breadth of their research in basic, clinical and/or population science. The University of Florida is striving to become part of this elite membership, and has allocated preeminence funding to HealthStreet since July 2015 to increase enrollment to cancer studies. The tables below show the recruitment of community members to cancer studies through HealthStreet prior to and since receiving preeminence funding.

### Since Cancer Preeminence Funding

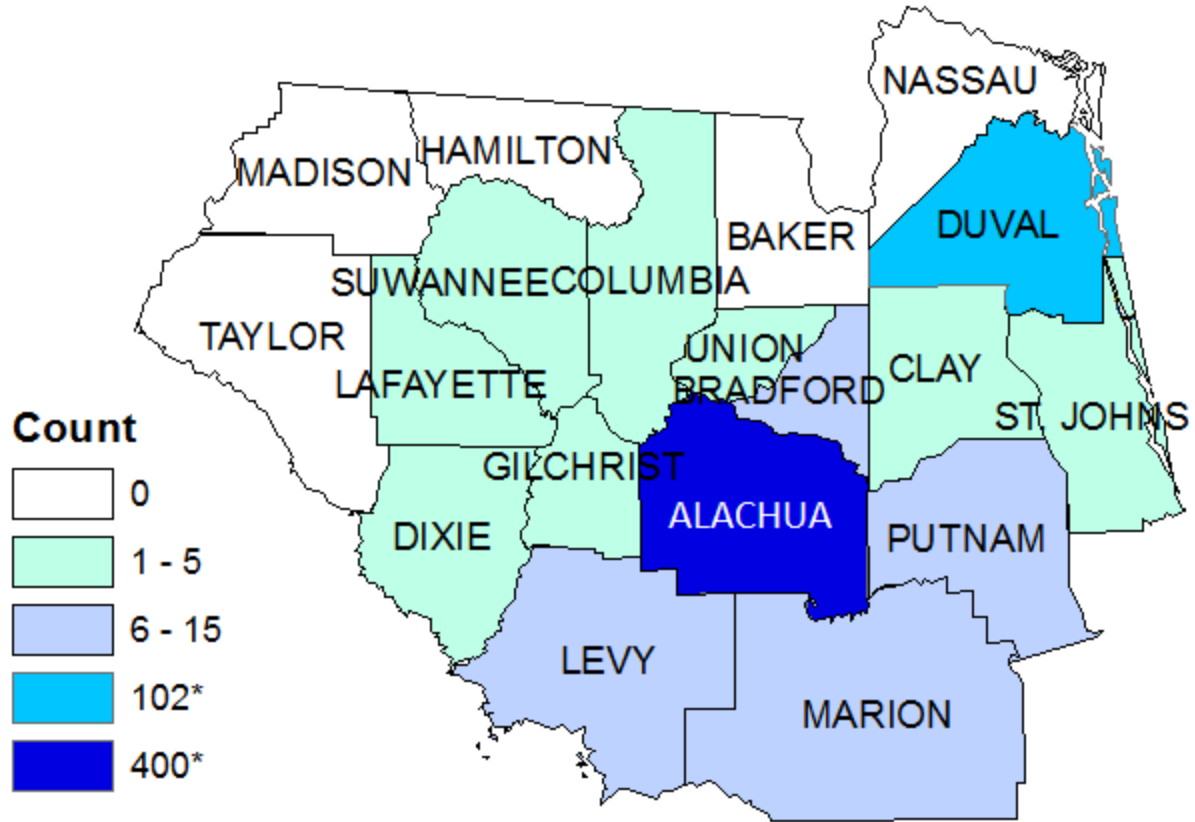
Study Title	PI Name	Navigations	Enrollments
Effectiveness Of A Prostate Cancer Handout For African American Men	DeCoria McCauley	22	7
Randomized Evaluation Of Safety And Efficacy Of The Deep Transcranial Magnetic Stimulation Intended As An Aid To Smoking Cessation	Herbert Ward	20	0
Breast Cancer Research Recruitment	Yulia Strekalova	19	5
Prostate Cancer & LGBTQIA	Mary Ellen Young	Actively recruiting	
REACH	Nicole Whitehead	Actively recruiting	

### Prior to Cancer Preeminence Funding

Study Title	PI Name	Navigations	Enrollments
Perceptions of Prostate Cancer Screening and Treatment	Linda Cottler /Yasemin Akdas	47	16
A Randomized Phase III Study Of Standard Vs. IMRT Pelvic Radiation For Post-Operative Treatment Of Endometrial And Cervical Cancer {TIME-C}	R. Charles Nichols/A. Yeung	3	0
A Randomized Phase III Trial Of Adjuvant Therapy Comparing Chemotherapy Treatment In Women With Node-Positive Or High-Risk Node-Negative HER2-Low Invasive Breast Cancer	Karen Daily	3	0
Preventing Breast Cancer Recurrence Through A Tailored Lifestyle Intervention.	Anne Mathews	3	0
A Phase II Clinical Trial Of The CDK4/6 Inhibitor, PD0332991 In Previously-Treated Advanced NSCLC Patients With Wildtype RB And Inactivated CDKN2a.	Priya Gopalan	1	0



**Figure 1: County of residence among HealthStreet members with history of cancer in Northeast Florida, from October 2011 through March 2017**



\* Exact sample size for Alachua and Duval County

In addition, there is one HealthStreet member with a history of cancer in each of the counties of Bay, Walton and Osceola, which are not contiguous with the counties shown on this map.

## **Table 6: Cancer treatments reported among HealthStreet members with history of cancer, from March 2015 through March 2017**

Among 200 HealthStreet members reporting cancer since March 2015. Multiple treatment responses are accepted.

<b>Treatment Type</b>	<b>%</b>
Surgery	77.2
Radiation therapy	34.6
Oral Medications	31.5
Chemotherapy	24.2
Hormone Therapy	9.3
Proton therapy	2.2

Customized reports are available for:

- Preliminary data for grants
- Cohort identification
- Navigation of screened and eligible participants in our database to your research studies

Please let us know how we can help you.

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