

HealthStreet

RESEARCH HELPING PEOPLE



Community Health Needs Assessment- Cancer Addendum

Prepared by:

Department of Epidemiology

College of Public Health and Health Professions &

College of Medicine

University of Florida

Linda B. Cottler, PhD, MPH

Email: lbcottler@ufl.edu

Phone: (352) 273-5468

Through June 2020

Table of Contents

❑ Introduction	1
❑ Figure 1: County of residence among HealthStreet members with history of cancer in Northeast Florida	1
❑ Table 1: Demographics of HealthStreet members by cancer history and year	2
❑ Table 2: Research perceptions of HealthStreet members by cancer history and year	3
❑ Table 3: Substance Use and Health Conditions of HealthStreet members by cancer history and year	3
❑ Table 4: Top 10 Health Concerns of HealthStreet members by cancer history and year	4
❑ Table 5: Access to care of HealthStreet members, by cancer history and year	4
❑ Table 6: Top 20 prevalent cancer types among HealthStreet members by year	5
❑ Table 6a: Number of cancer types among HealthStreet members	5
❑ Table 7: Navigations and enrollments of HealthStreet members to cancer studies	6
❑ Table 8: Cancer treatments reported among HealthStreet members with history of cancer	7
❑ Contact Us	8

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.

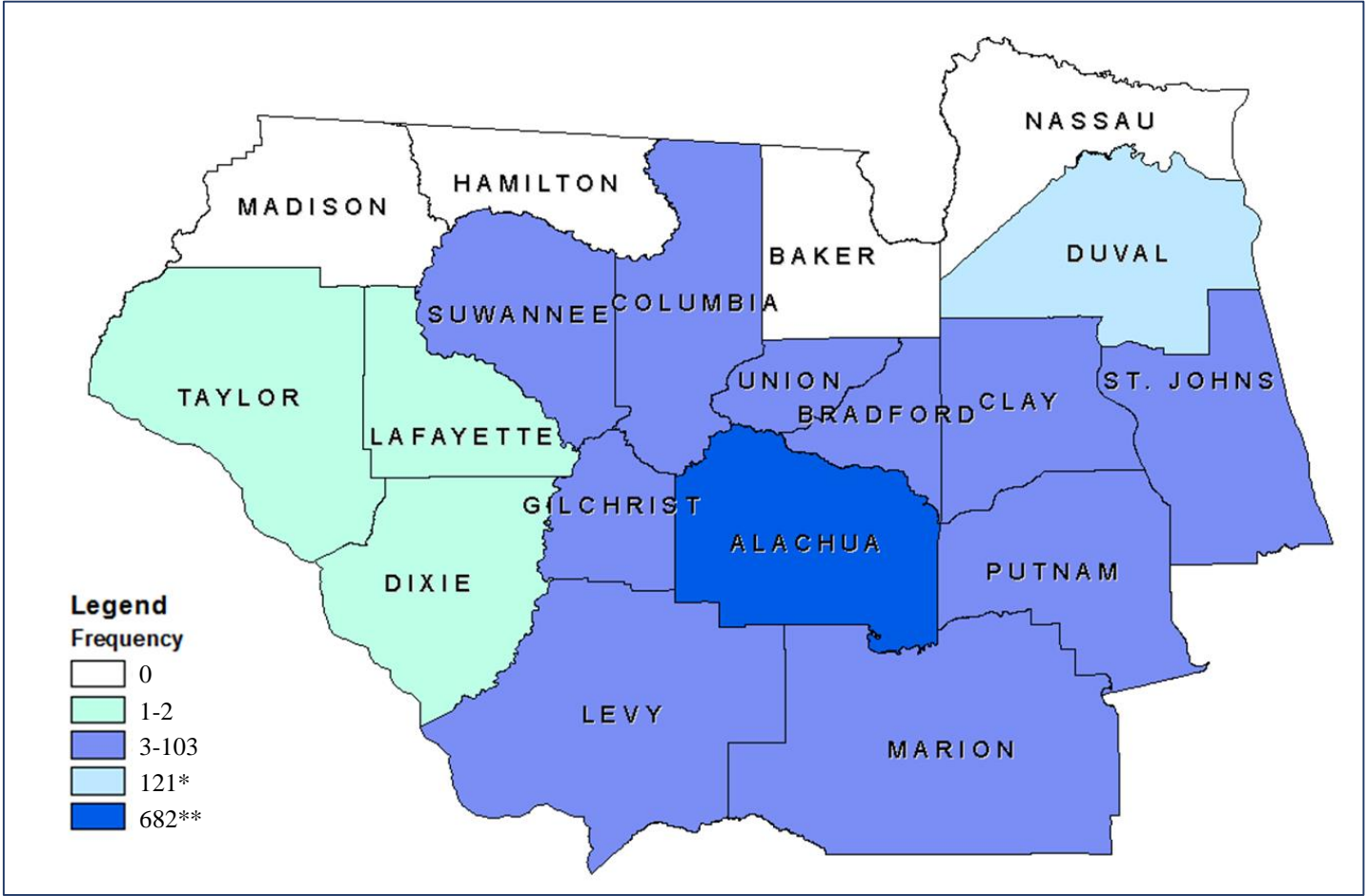


Figure 1: County of residence among HealthStreet members with a history of cancer in Northeast Florida
* Exact sample size for Duval County ** Exact sample size for Alachua County

In addition, there is at least one HealthStreet member with a history of cancer in each of the counties: Bay, Calhoun, Citrus, Indian River, Osceola, Sumter, Volusia, and Walton, which are not contiguous with the counties shown on this map. There are also 5 HealthStreet members with history of cancer in Suwannee and 8 HealthStreet members with history of cancer in Miami-Dade.

Table 1: Demographics of HealthStreet members by Year of Intake

	2011-2012		2013-2014		2015-2016		2017-2018		2019		2020		Total	
	Cancer n= 151	Non Cancer n= 2,308	Cancer n= 222	Non Cancer n= 2,878	Cancer n= 297	Non Cancer n= 2,635	Cancer n= 274	Non Cancer n= 2,219	Cancer n= 117	Non Cancer n= 626	Cancer n= 19	Non Cancer n= 111	Cancer n= 1,080	Non Cancer n= 10,777
Gender														
Female	65.6%	52.8%	69.8%	55.8%	75.8%	63.3%	72.6%	62.2%	59.8%	57.3%	68.4%	60.4%	761 (70.5%)	6,300 (58.5%)
Male	34.4%	47.1%	30.2%	44.2%	24.2%	36.5%	27.0%	37.3%	40.2%	42.2%	31.6%	38.7%	318 (29.4%)	4,452 (41.3%)
Average Age at Baseline														
Female: Mean (SD)	52.1 (14.3)	39.9 (15.4)	53.9 (15.5)	41.1 (15.4)	58.2 (12.5)	45.5 (16.7)	59.8 (13.7)	45.6 (17.6)	60.9 (16.1)	47.5 (18.8)	58.0 (14.3)	49.3 (17.3)	57.2 (14.3)	43.5 (16.7)
Male: Mean (SD)	56.2 (15.8)	39.9 (15.2)	59.0 (12.7)	42.5 (15.2)	62.7 (9.4)	46.2 (16.5)	64.3 (12.0)	45.8 (17.0)	65.6 (13.0)	48.5 (17.7)	57.2 (16.5)	52.4 (17.4)	61.6 (12.9)	43.7 (16.2)
Age Groups at Baseline														
< 18 years old	0.7%	0.9%	0.0%	1.3%	0.0%	3.1%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1 (0.1%)	169 (1.6%)
18-25 years old	3.3%	21.9%	2.7%	19.0%	0.3%	11.4%	1.1%	16.4%	1.7%	15.8%	0.0%	12.6%	17 (1.6%)	1,828 (17.0%)
26-40 years old	18.5%	30.4%	12.6%	27.1%	7.7%	22.8%	6.9%	23.9%	9.4%	23.3%	10.5%	18.9%	111 (10.3%)	2,782 (25.8%)
41-59 years old	39.7%	35.2%	44.1%	39.2%	37.4%	40.0%	34.7%	33.7%	21.4%	28.9%	42.1%	33.3%	397 (36.8%)	3,961 (36.8%)
60+ years old	37.7%	11.4%	40.5%	13.4%	54.5%	22.5%	57.3%	24.7%	67.5%	31.9%	47.4%	35.1%	554 (51.3%)	2,027 (18.8%)
Race/ Ethnicity														
Asian	1.3%	1.9%	0.0%	0.9%	1.3%	0.9%	0.0%	1.8%	0.9%	1.1%	0.0%	1.8%	7 (0.6%)	143 (1.3%)
African-American	42.4%	65.5%	35.6%	64.0%	29.6%	61.9%	26.3%	47.4%	12.8%	31.3%	26.3%	36.9%	323 (29.9%)	6,273 (58.2%)
White	47.0%	26.9%	58.6%	28.9%	65.0%	33.1%	68.6%	44.2%	82.1%	60.7%	63.2%	55.9%	690 (63.9%)	3,745 (34.7%)
Other	9.3%	5.5%	5.0%	6.2%	4.0%	4.1%	5.1%	6.5%	4.3%	6.9%	10.5%	5.4%	58 (5.4%)	604 (5.6%)
Latino/Hispanic *	4.6%	4.9%	2.3%	5.5%	6.7%	7.1%	3.3%	9.6%	6.0%	8.5%	10.5%	7.2%	50 (4.6%)	732 (6.8%)
Marital Status														
Never Married	27.2%	54.2%	23.4%	52.6%	18.2%	45.6%	17.2%	43.7%	12.0%	42.8%	15.8%	31.5%	211 (19.5%)	5,238 (48.6%)
Married	35.8%	20.9%	21.6%	17.5%	33.0%	20.9%	31.4%	22.6%	35.9%	19.5%	57.9%	22.5%	339 (31.4%)	2,186 (20.3%)
Divorced/Separated/Widowed	37.1%	24.7%	55.0%	29.6%	48.1%	33.2%	50.7%	33.2%	52.1%	37.5%	26.3%	45.0%	526 (48.7%)	3,320 (30.8%)
BMI														
Female: Mean (SD)	31.1 (8.6)	30.7 (8.1)	29.7 (8.7)	30.5 (8.4)	29.3 (8.3)	30.5 (8.2)	28.5 (7.5)	30.5 (8.5)	29.3 (8.7)	29.1 (7.9)	28.4 (9.3)	29.7 (7.8)	29.4 (8.3)	30.4 (8.3)
Male: Mean (SD)	27.1 (5.2)	27.9 (6.2)	27.6 (4.9)	27.3 (6.1)	28.4 (5.6)	27.8 (6.5)	28.6 (5.9)	28.0 (6.3)	28.5 (5.4)	27.9 (5.9)	31.8 (4.1)	27.3 (5.3)	28.1 (5.4)	27.7 (6.2)
12+ years of education	78.8%	76.9%	82.9%	78.1%	88.9%	79.2%	86.9%	82.8%	85.5%	80.2%	94.7%	81.1%	923 (85.5%)	8,539 (79.2%)
Currently Employed	30.5%	37.8%	23.9%	34.2%	22.6%	33.7%	26.3%	38.9%	15.4%	32.4%	31.6%	34.2%	262 (24.3%)	3,850 (35.7%)
Veteran Status	15.2%	8.9%	13.1%	9.2%	13.1%	9.6%	14.6%	11.7%	19.7%	14.9%	21.1%	10.8%	158 (14.6%)	1,087 (10.1%)
Household Size: Mean (SD)	3.2 (2.3)	3.4 (3.4)	2.6 (2.5)	3.1 (2.9)	2.5 (2.0)	2.9 (2.3)	2.6 (3.3)	2.8 (2.5)	2.4 (4.5)	2.7 (3.6)	2.5 (1.4)	3.1 (2.8)	2.6 (2.8)	3.0 (2.9)
Food Insecure (not enough money to buy food)	52.3%	44.6%	46.4%	47.1%	44.4%	48.7%	38.0%	44.4%	33.3%	52.7%	52.6%	53.2%	467 (43.2%)	5,044 (46.8%)
Pets (cat or dog)	NA	NA	NA	NA	NA	NA	56.6%	39.2%	35.9%	34.8%	0.0%	0.0%	367 (50.8%)	2,028 (33.9%)
Uses social media or text messaging	45.0%	63.3%	70.3%	76.4%	80.8%	85.4%	81.0%	87.3%	78.6%	86.6%	84.2%	85.6%	794 (73.5%)	8,485 (78.7%)

*Latino/Hispanic is not mutually exclusive with other races.

Table 2: Access to care reported by HealthStreet members by Year of Intake

	2011-2012		2013-2014		2015-2016		2017-2018		2019		2020		Total	
	Cancer n= 151	Non Cancer n= 2,308	Cancer n= 222	Non Cancer n= 2,878	Cancer n= 297	Non Cancer n= 2,635	Cancer n= 274	Non Cancer n= 2,219	Cancer n= 117	Non Cancer n= 626	Cancer n= 19	Non Cancer n= 111	Cancer n= 1,080	Non Cancer n= 10,777
No doctor visit within past 6 months	13.2%	40.3%	18.5%	36.2%	7.4%	29.6%	7.7%	24.0%	10.3%	24.1%	21.1%	25.2%	120 (11.1%)	3,463 (32.1%)
No physical exam within past 12 months	24.5%	34.2%	26.6%	38.2%	15.2%	31.5%	15.3%	26.9%	22.2%	34.8%	15.8%	33.3%	212 (19.6%)	3,571 (33.1%)
Been to ER within past 6 months	41.5%	30.3%	41.0%	33.3%	34.0%	32.1%	39.1%	34.1%	31.6%	39.3%	21.1%	29.7%	391 (37.2%)	3,431 (33.0%)
Receives health care at health services at UF Health/ Shands *	NA	NA	NA	NA	50.9%	36.2%	47.8%	35.3%	40.2%	40.5%	52.6%	58.6%	353 (47.6%)	2,207 (36.7%)
Ever had a colonoscopy (over 50 years) **	68.0%	46.8%	72.8%	47.8%	76.1%	51.3%	82.6%	57.0%	73.4%	64.9%	71.4%	68.3%	619 (75.9%)	2,288 (52.3%)
Ever had a mammogram (women over 40 years) ***	84.4%	85.5%	93.8%	82.5%	94.2%	86.6%	96.7%	90.2%	89.8%	82.7%	91.7%	86.4%	618 (93.2%)	3,016 (86.0%)
Ever screened for prostate cancer (men over 45 years) ****	NA	NA	91.7%	48.5%	89.9%	52.1%	80.0%	52.0%	81.6%	45.5%	60.0%	66.7%	163 (84.0%)	686 (51.3%)

NA: Not Applicable. Not asked for the respective year.

*Total Sample Size: (Cancer=741, Non-Cancer= 6,020)

** Total Sample Size: (Cancer=816, Non-Cancer= 4,378)

*** Total Sample Size: (Cancer=663, Non-Cancer= 3,505)

**** Total Sample Size: (Cancer=194, Non-Cancer= 1,338)

Table 3: Research Perceptions of HealthStreet members by Year of Intake

	2011-2012		2013-2014		2015-2016		2017-2018		2019		2020		Total	
	Cancer n= 151	Non Cancer n= 2,308	Cancer n= 222	Non Cancer n= 2,878	Cancer n= 297	Non Cancer n= 2,635	Cancer n= 274	Non Cancer n= 2,219	Cancer n= 117	Non Cancer n= 626	Cancer n= 19	Non Cancer n= 111	Cancer n= 1,080	Non Cancer n= 10,777
Ever been in a health research study	27.8%	13.3%	31.1%	16.1%	39.1%	19.8%	29.9%	19.5%	25.6%	18.2%	36.8%	19.8%	346 (32.0%)	1,863 (17.3%)
Interested in participating in research	92.7%	87.3%	95.5%	94.6%	97.0%	95.9%	95.6%	92.3%	91.5%	95.7%	78.9%	93.7%	1,024 (94.8%)	10,015 (92.9%)
Would you volunteer for a health research study:														
That only asked questions about your health	92.1%	91.2%	94.6%	93.8%	96.6%	95.3%	96.0%	93.2%	94.0%	97.1%	94.7%	96.4%	1,027 (95.1%)	10,096 (93.7%)
If researchers wanted to see your medical records	83.4%	82.5%	90.1%	86.6%	92.6%	88.9%	91.6%	84.9%	88.9%	93.3%	78.9%	91.9%	971 (89.9%)	9,308 (86.4%)
If you had to give a blood sample	88.7%	81.3%	90.5%	84.4%	94.9%	86.9%	93.4%	84.7%	89.7%	90.3%	89.5%	82.0%	995 (92.1%)	9,128 (84.7%)
If you were asked to give a sample for genetic studies	86.1%	80.8%	91.9%	83.2%	93.3%	88.4%	93.8%	85.8%	88.0%	90.3%	84.2%	85.6%	987 (91.4%)	9,154 (84.9%)
If you might have to take medicine	66.2%	53.8%	72.5%	62.2%	71.7%	64.7%	63.1%	54.8%	53.8%	59.9%	42.1%	57.7%	718 (66.5%)	6,391 (59.3%)
If you were asked to stay overnight in a hospital or clinic	74.2%	65.2%	81.1%	72.4%	84.8%	75.9%	78.5%	68.9%	67.5%	72.4%	63.2%	75.7%	850 (78.7%)	7,653 (71.0%)
If you might have to use medical equipment	87.4%	75.4%	88.7%	83.0%	93.9%	86.8%	93.8%	84.7%	87.2%	89.9%	94.7%	89.2%	985 (91.2%)	8,957 (83.1%)
If you didn't get paid	86.1%	73.4%	86.0%	78.1%	88.6%	80.9%	81.8%	72.9%	76.9%	79.7%	78.9%	82.9%	913 (84.5%)	8,281 (76.8%)

Table 4: Substance Use trends of HealthStreet members by Year of Intake

	2011-2012		2013-2014		2015-2016		2017-2018		2019		2020		Total	
	Cancer n= 151	Non Cancer n= 2,308	Cancer n= 222	Non Cancer n= 2,878	Cancer n= 297	Non Cancer n= 2,635	Cancer n= 274	Non Cancer n= 2,219	Cancer n= 117	Non Cancer n= 626	Cancer n= 19	Non Cancer n= 111	Cancer n= 1,080	Non Cancer n= 10,777
Alcohol: More than (men: 4, women: 3) alcoholic drinks in a single day, in the last 30 days	12.6%	26.0%	17.1%	24.6%	19.2%	21.5%	15.0%	24.8%	11.1%	25.6%	15.8%	21.6%	171 (15.8%)	2,610 (24.2%)
Marijuana														
Never	51.0%	53.9%	44.1%	48.6%	49.8%	52.4%	47.1%	44.1%	51.3%	35.5%	52.6%	41.4%	522 (48.3%)	5,271 (48.9%)
Past user	36.4%	27.6%	44.1%	33.6%	39.7%	33.4%	38.3%	35.6%	35.9%	37.4%	31.6%	38.7%	424 (39.3%)	3,551 (32.9%)
Current user (past 30 days)	12.6%	18.2%	11.7%	17.7%	10.4%	13.9%	14.2%	19.7%	12.8%	26.5%	15.8%	18.9%	133 (12.3%)	1,918 (17.8%)
Prescription pain medication														
Never	36.4%	58.7%	25.2%	51.7%	22.2%	47.6%	30.3%	47.2%	30.8%	37.9%	31.6%	46.8%	302 (28.0%)	5,431 (50.4%)
Past user	35.8%	29.5%	51.4%	34.6%	56.2%	38.3%	47.8%	40.8%	51.3%	50.0%	42.1%	45.9%	534 (49.4%)	3,955 (36.7%)
Current user (past 30 days)	26.5%	11.4%	23.4%	13.2%	21.5%	13.7%	21.2%	11.3%	15.4%	10.7%	26.3%	7.2%	237 (21.9%)	1,331 (12.4%)
Sleep Conditions (insomnia, narcolepsy, sleep apnea, sleep walking and other)	39.1%	24.8%	47.3%	29.3%	51.2%	33.4%	53.3%	37.6%	50.4%	46.2%	57.9%	45.9%	532 (49.3%)	3,469 (32.2%)

Table 5: Top Health Concerns of HealthStreet Members by Year of Intake

	2011-2012		2013-2014		2015-2016		2017-2018		2019		2020		Total	
	Cancer n= 143	Non Cancer n= 2,025	Cancer n= 219	Non Cancer n= 2,665	Cancer n= 291	Non Cancer n= 2,471	Cancer n= 258	Non Cancer n= 2,000	Cancer n= 113	Non Cancer n= 583	Cancer n= 19	Non Cancer n= 104	Cancer n= 1,043	Non Cancer n= 9,848
Hypertension	35.0%	34.5%	26.5%	29.7%	25.4%	30.3%	15.5%	25.4%	14.2%	23.7%	5.3%	18.3%	239 (22.9%)	2,903 (29.5%)
Diabetes	20.3%	22.6%	18.3%	21.3%	18.2%	22.4%	17.4%	21.8%	15.9%	17.2%	21.1%	14.4%	189 (18.1%)	2,129 (21.6%)
Muscle and Bone Problems	11.2%	17.5%	29.2%	18.5%	20.3%	22.0%	26.7%	20.6%	23.9%	23.3%	21.1%	23.1%	239 (22.9%)	1,962 (19.9%)
Weight Problems	7.0%	16.5%	10.0%	16.7%	14.1%	15.5%	13.6%	19.4%	14.2%	14.2%	21.1%	13.5%	128 (12.3%)	1,648 (16.7%)
Heart Problems	14.0%	13.3%	14.2%	18.3%	8.2%	16.2%	5.8%	9.3%	13.3%	14.6%	21.1%	15.4%	109 (10.5%)	1,444 (14.7%)
Cancer	37.1%	14.4%	32.0%	14.4%	40.2%	11.2%	36.0%	9.4%	26.5%	6.3%	42.1%	5.8%	371 (35.6%)	1,182 (12.0%)
Oral Health	17.5%	16.1%	17.4%	12.3%	15.5%	13.8%	12.0%	15.7%	20.4%	15.3%	21.1%	12.5%	166 (15.9%)	1,411 (14.3%)
Mental Health	9.1%	8.5%	8.7%	13.4%	13.1%	13.7%	10.1%	18.7%	14.2%	17.0%	5.3%	17.3%	113 (10.8%)	1,356 (13.8%)

Table 6: Top 20 prevalent cancer types among HealthStreet members by year

	2011-2012	2013-2014	2015-2016	2017-2018	2019	2020	Total
	n= 151	n= 222	n= 297	n= 274	n= 117	n= 19	n= 1,080
Skin	25.8%	27.0%	31.0%	36.9%	41.0%	26.3%	345 (31.9%)
Breast	17.9%	15.3%	23.2%	16.1%	12.8%	42.1%	197 (18.2%)
Cervical	17.9%	18.5%	9.1%	9.9%	10.3%	5.3%	135 (12.5%)
Prostate	9.3%	9.0%	8.1%	7.7%	11.1%	5.3%	93 (8.6%)
Colorectal	2.6%	7.2%	7.4%	5.8%	6.8%	0.0%	66 (6.1%)
Ovarian	1.3%	4.1%	4.0%	6.2%	2.6%	5.3%	44 (4.1%)
Uterine	2.0%	2.7%	4.7%	4.7%	5.1%	5.3%	43 (4.0%)
Lymphoma	3.3%	3.6%	3.0%	4.4%	2.6%	0.0%	37 (3.4%)
Lung	2.0%	3.6%	3.0%	4.4%	0.9%	0.0%	33 (3.1%)
Thyroid	1.3%	1.8%	2.4%	1.8%	1.7%	0.0%	20 (1.9%)
Kidney	3.3%	0.5%	2.7%	1.5%	0.0%	0.0%	18 (1.7%)
Bladder	1.3%	0.0%	2.0%	1.5%	1.7%	5.3%	15 (1.4%)
Stomach	1.3%	0.5%	1.7%	1.5%	0.9%	0.0%	13 (1.2%)
Brain	0.7%	1.4%	1.0%	0.7%	1.7%	0.0%	11 (1.0%)
Throat	1.3%	0.9%	0.3%	0.4%	2.6%	0.0%	9 (0.8%)
Pancreatic	0.7%	0.5%	1.3%	0.7%	0.0%	0.0%	8 (0.7%)
Liver	2.0%	1.8%	0.0%	0.4%	0.0%	0.0%	8 (0.7%)
Rectal	0.0%	0.5%	1.0%	1.5%	0.0%	0.0%	8 (0.7%)
Oral	0.0%	0.5%	0.0%	1.1%	0.9%	5.3%	6 (0.6%)
Testicular	0.7%	0.5%	0.3%	0.7%	0.0%	5.3%	6 (0.6%)

* More than 1 cancer type reported for 118 HealthStreet members

Table 6a: Number of cancer types reported among HealthStreet members

One Cancer Type	Two Cancer Types	Three Cancer Types	Total**
949 (88.9%)	88 (8.2%)	30 (2.8%)	1,067

** 13 members reported cancer and are missing cancer type

Table 7: Navigations and enrollments of HealthStreet members to cancer studies

Study Title	PI Name	Navigated	Enrolled
Breast Cancer Research Recruitment	Yulia Strekalova	20	5
Developing and pilot testing a patient-centered intervention using virtual humans to increase colorectal cancer screening (VH)	Janice Krieger	206	63
A Multi-Center Biologic Assignment Trial Comparing Reduced Intensity Allogeneic Hematopoietic Cell Transplant to Hypomethylating Therapy or Best Supportive Care in Patients Aged 50-75 with Intermediate-2 and High Risk Myelodysplastic Syndrome	John Wingard	1	0
A Randomized Phase III Double Blinded Placebo Controlled Trial of Aspirin as Adjuvant Therapy for Node Positive HER2 Negative Breast Cancer: The ABC Trial	Karen Daily	2	0
Examination of Patient narratives as a Decision Making Tool for Early Stage Breast Cancer Surgery	Lauren Hearn	22	12
Imaging the Patterns of Breast Cancer Early Metastases	Walter O'Dell	15	1
Phase III of Adjuvant MEDI4736	Priya Gopalan	1	0
Phase III study of ODM-201 vs placebo	Long Dang	1	1
Randomized evaluation of safety and efficacy of the Deep Transcranial Magnetic Stimulation intended as an aid to smoking cessation	Herbert Ward	21	1
Effectiveness of a prostate cancer handout for African American men	DeCoria McCauley	30	10
Prostate Cancer & LGBTQIA	Mary Ellen Young	3	2
Exploring experiences, needs and perceived influence, of informal caregivers of black men across the prostate cancer continuum of care	Esther Piervil	8	5
Family Discussions Concerning Prostate Cancer	Mary Ellen Young	12	3
HPV Vaccine- CAB	Stephanie Staras	2	0
Intent to Screen for Prostate Cancer	Mary Young, PhD	17	4
Intention to screen for sex specific cancers in men and women	Mary Ellen Young	27	1
REACH	Nicole Whitehead	3	2
Gut microflora and estrogens: a new paradigm for breast cancer risk reduction	Lusine Yaghjyan	80	18
Total		471	128

The National Cancer Institute (NCI) Cancer Centers Program 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 are 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 table above shows the recruitment of community members to cancer studies through HealthStreet since receiving preeminence funding.

Table 8: Cancer treatments reported among HealthStreet members with history of cancer	
	%
Surgery	76.6%
Radiation therapy	25.5%
Chemotherapy	24.0%
Oral Medications	23.1%
Hormone Therapy	8.2%
Proton therapy	1.6%

* Among 624 members who reported treatment.

Contact Us

Customized reports are available for:

- Community Health Needs Assessment
- 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.

Linda B. Cottler, PhD, MPH

Email: lbcottler@ufl.edu

Phone: (352) 273-5468