

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.

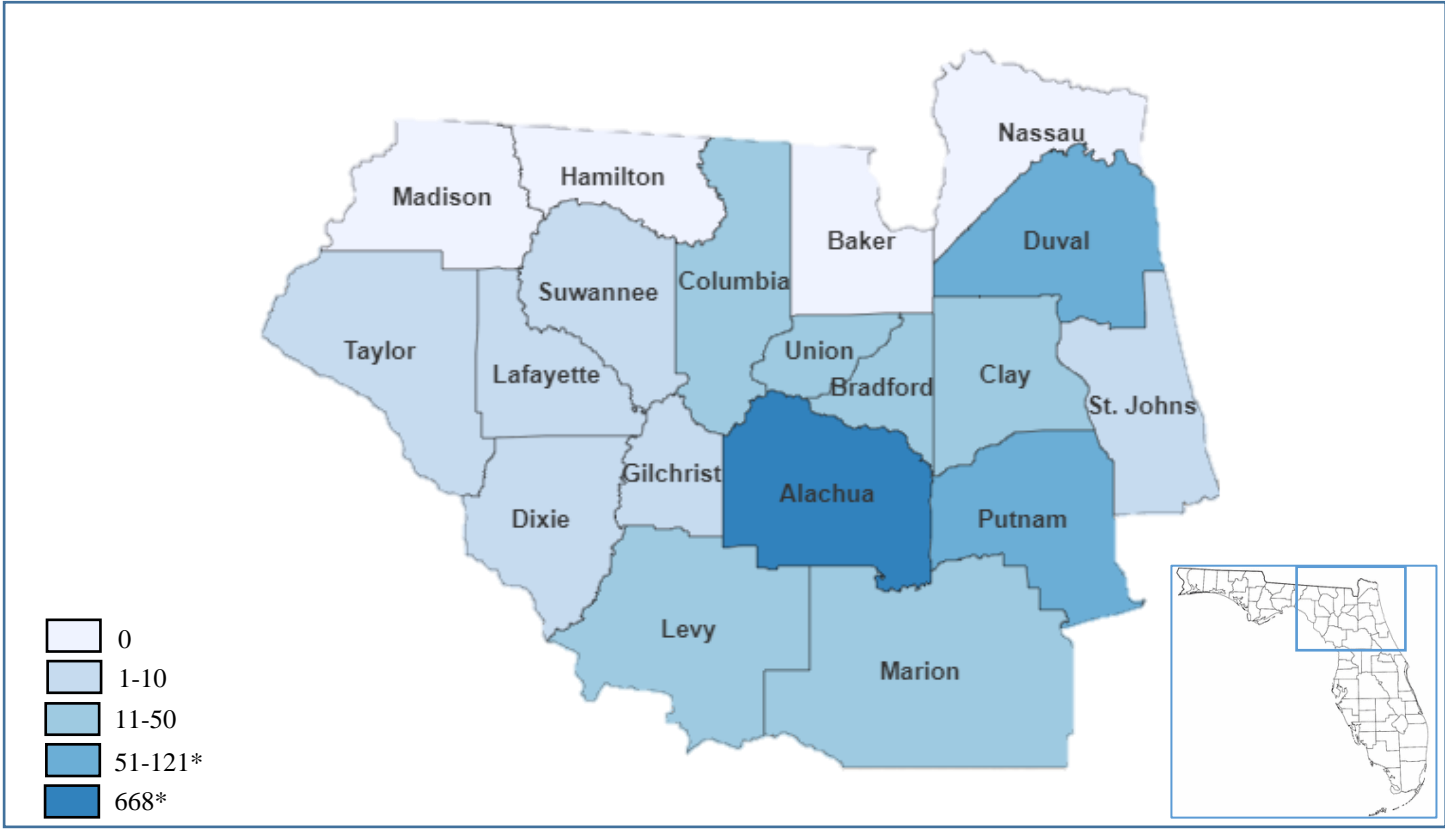


Figure 1: County of residence among HealthStreet members with a history of cancer in Northeast Florida  
\* Exact sample size for Duval County      \*\* Exact sample size for Alachua County

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        |                      | 2021            |                      | Total              |                         |
|--|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|----------------------|-----------------|----------------------|--------------------|-------------------------|
|  | Cancer<br>n= 151 | Non Cancer<br>n= 2,308 | Cancer<br>n= 222 | Non Cancer<br>n= 2,878 | Cancer<br>n= 297 | Non Cancer<br>n= 2,635 | Cancer<br>n= 274 | Non Cancer<br>n= 2,219 | Cancer<br>n= 154 | Non Cancer<br>n= 853 | Cancer<br>n= 31 | Non Cancer<br>n= 273 | Cancer<br>n= 1,129 | Non Cancer<br>n= 11,166 |
| <b>Gender</b>                                |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| Female                                       | 65.6%            | 52.8%                  | 69.8%            | 55.8%                  | 75.8%            | 63.3%                  | 72.6%            | 62.2%                  | 61.7%            | 57.4%                | 64.5%           | 61.9%                | 793 (70.2%)        | 6,533 (58.5%)           |
| Male   | 34.4%            | 47.1%                  | 30.2%            | 44.2%                  | 24.2%            | 36.5%                  | 27.0%            | 37.3%                  | 38.3%            | 42.1%                | 32.3%           | 37.0%                | 334 (29.6%)        | 4,605 (41.2%)           |
| <b>Average Age at Baseline</b>               |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| 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)            | 61.8 (15.4)      | 48.4 (18.6)          | 65.3 (11.0)     | 43.2 (20.1)          | 57.6 (14.3)        | 43.5 (16.8)             |
| 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)            | 65.4 (13.1)      | 49.3 (17.7)          | 61.9 (11.8)     | 47.7 (18.1)          | 61.8 (12.8)        | 43.9 (16.3)             |
| <b>Age Groups at Baseline</b>                |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| < 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 (1.5%)              |
| 18-25 years old                              | 3.3%             | 21.9%                  | 2.7%             | 19.0%                  | 0.3%             | 11.4%                  | 1.1%             | 16.4%                  | 1.3%             | 15.7%                | 0.0%            | 30.0%                | 17 (1.5%)          | 1,931 (17.3%)           |
| 26-40 years old                              | 18.5%            | 30.4%                  | 12.6%            | 27.1%                  | 7.7%             | 22.8%                  | 6.9%             | 23.9%                  | 8.4%             | 20.6%                | 9.7%            | 13.6%                | 114 (10.1%)        | 2,828 (25.3%)           |
| 41-59 years old                              | 39.7%            | 35.2%                  | 44.1%            | 39.2%                  | 37.4%            | 40.0%                  | 34.7%            | 33.7%                  | 22.1%            | 30.4%                | 16.1%           | 26.4%                | 403 (35.7%)        | 4,074 (36.5%)           |
| 60+ years old                                | 37.7%            | 11.4%                  | 40.5%            | 13.4%                  | 54.5%            | 22.5%                  | 57.3%            | 24.7%                  | 68.2%            | 33.3%                | 74.2%           | 30.0%                | 594 (52.6%)        | 2,154 (19.3%)           |
| <b>Race/ Ethnicity</b>                       |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| Asian  | 1.3%             | 1.9%                   | 0.0%             | 0.9%                   | 1.3%             | 0.9%                   | 0.0%             | 1.8%                   | 0.6%             | 1.4%                 | 0.0%            | 2.9%                 | 7 (0.6%)           | 154 (1.4%)              |
| African-American                             | 42.4%            | 65.5%                  | 35.6%            | 64.0%                  | 29.6%            | 61.9%                  | 26.3%            | 47.4%                  | 15.6%            | 34.9%                | 25.8%           | 33.7%                | 335 (29.7%)        | 6,426 (57.5%)           |
| White  | 47.0%            | 26.9%                  | 58.6%            | 28.9%                  | 65.0%            | 33.1%                  | 68.6%            | 44.2%                  | 79.2%            | 56.0%                | 74.2%           | 52.0%                | 727 (64.4%)        | 3,923 (35.1%)           |
| Other  | 9.3%             | 5.5%                   | 5.0%             | 6.2%                   | 4.0%             | 4.1%                   | 5.1%             | 6.5%                   | 4.5%             | 7.6%                 | 5.1%            | 11.0%                | 58 (5.1%)          | 650 (5.8%)              |
| Latino/Hispanic *                            | 4.6%             | 4.9%                   | 2.3%             | 5.5%                   | 6.7%             | 7.1%                   | 3.3%             | 9.6%                   | 5.8%             | 8.8%                 | 3.2%            | 13.9%                | 51 (4.5%)          | 784 (7.0%)              |
| <b>Marital Status</b>                        |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| Never Married                                | 27.2%            | 54.2%                  | 23.4%            | 52.6%                  | 18.2%            | 45.6%                  | 17.2%            | 43.7%                  | 12.3%            | 41.1%                | 29.0%           | 53.5%                | 222 (19.7%)        | 5,432 (48.6%)           |
| Married                                      | 35.8%            | 20.9%                  | 21.6%            | 17.5%                  | 33.0%            | 20.9%                  | 31.4%            | 22.6%                  | 39.0%            | 20.5%                | 32.3%           | 20.5%                | 356 (31.5%)        | 2,270 (20.3%)           |
| Divorced/Separated/Widowed                   | 37.1%            | 24.7%                  | 55.0%            | 29.6%                  | 48.1%            | 33.2%                  | 50.7%            | 33.2%                  | 48.7%            | 38.1%                | 38.7%           | 26.0%                | 547 (48.4%)        | 3,431 (30.7%)           |
| <b>BMI</b>                                   |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| 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)             | 29.2 (8.6)       | 29.6 (8.0)           | 29.9 (6.8)      | 28.4 (7.6)           | 29.4 (8.2)         | 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)             | 28.6 (5.2)       | 27.7 (5.8)           | 25.4 (3.2)      | 27.3 (6.0)           | 28.0 (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%                  | 87.0%            | 82.3%                | 96.8%           | 88.3%                | 969 (85.8%)        | 8,890 (79.6%)           |
| Currently Employed                           | 30.5%            | 37.8%                  | 23.9%            | 34.2%                  | 22.6%            | 33.7%                  | 26.3%            | 38.9%                  | 18.2%            | 34.0%                | 41.9%           | 42.1%                | 279 (24.7%)        | 4,014 (35.9%)           |
| Veteran Status                               | 15.2%            | 8.9%                   | 13.1%            | 9.2%                   | 13.1%            | 9.6%                   | 14.6%            | 11.7%                  | 19.5%            | 13.8%                | 12.9%           | 6.6%                 | 165 (14.6%)        | 1,118 (10.0%)           |
| 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 (4.0)        | 2.7 (3.3)            | 2.2 (1.9)       | 2.6 (1.4)            | 2.6 (2.8)          | 3.0 (2.8)               |
| Food Insecure (not enough money to buy food) | 52.3%            | 44.6%                  | 46.4%            | 47.1%                  | 44.4%            | 48.7%                  | 38.0%            | 44.4%                  | 35.7%            | 50.5%                | 35.5%           | 37.4%                | 484 (42.9%)        | 5,188 (46.5%)           |
| Pets (cat or dog)                            | NA               | NA                     | NA               | NA                     | NA               | NA                     | 56.6%            | 39.2%                  | 27.9%            | 27.2%                | 25.8%           | 64.5%                | 368 (48.9%)        | 2,028 (32.6%)           |
| Uses social media or text messaging          | 45.0%            | 63.3%                  | 70.3%            | 76.4%                  | 80.8%            | 85.4%                  | 81.0%            | 87.3%                  | 81.2%            | 87.1%                | 93.5%           | 92.7%                | 840 (74.4%)        | 8,844 (79.2%)           |
| Loneliness**                                 | NA               | NA                     | NA               | NA                     | NA               | NA                     | NA               | NA                     | 3.4 (2.8)        | 3.9 (5.4)            | 3.5 (3.0)       | 4.3 (8.5)            | 3.5 (2.8)          | 4.1 (6.8)               |

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

\*\* Loneliness on a scale of 1-10, where 1 is “Not At All Lonely” and 10 is “Completely Lonely”

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

|  | 2011-2012        |                        | 2013-2014        |                        | 2015-2016        |                        | 2017-2018        |                        | 2019-2020        |                      | 2021            |                      | Total              |                         |
|--|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|----------------------|-----------------|----------------------|--------------------|-------------------------|
|  | Cancer<br>n= 151 | Non Cancer<br>n= 2,308 | Cancer<br>n= 222 | Non Cancer<br>n= 2,878 | Cancer<br>n= 297 | Non Cancer<br>n= 2,635 | Cancer<br>n= 274 | Non Cancer<br>n= 2,219 | Cancer<br>n= 154 | Non Cancer<br>n= 853 | Cancer<br>n= 31 | Non Cancer<br>n= 273 | Cancer<br>n= 1,129 | Non Cancer<br>n= 11,166 |
| No doctor visit within past 6 months                           | 13.2%            | 40.3%                  | 18.5%            | 36.2%                  | 7.4%             | 29.6%                  | 7.7%             | 24.0%                  | 11.7%            | 23.8%                | 12.9%           | 27.1%                | 126 (11.2%)        | 3,561 (31.9%)           |
| No physical exam within past 12 months                         | 24.5%            | 34.2%                  | 26.6%            | 38.2%                  | 15.2%            | 31.5%                  | 15.3%            | 26.9%                  | 22.1%            | 33.4%                | 29.0%           | 34.4%                | 226 (20.0%)        | 3,695 (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%                  | 29.2%            | 37.2%                | 32.3%           | 24.2%                | 405 (36.8%)        | 3,535 (32.8%)           |
| Receives health care at health services at UF Health/ Shands * | NA               | NA                     | NA               | NA                     | 50.9%            | 36.2%                  | 47.8%            | 35.3%                  | 43.6%            | 47.0%                | 71.0%           | 63.2%                | 385 (48.7%)        | 2,459 (38.4%)           |
| Ever had a colonoscopy (over 50 years) **                      | 68.0%            | 46.8%                  | 72.8%            | 47.8%                  | 76.1%            | 51.3%                  | 82.6%            | 57.0%                  | 76.2%            | 67.0%                | 81.5%           | 68.0%                | 658 (76.4%)        | 2,432 (53.1%)           |
| Ever had a mammogram (women over 40 years) ***                 | 84.4%            | 85.5%                  | 93.8%            | 82.5%                  | 94.2%            | 86.6%                  | 96.7%            | 90.2%                  | 91.6%            | 85.9%                | 89.5%           | 90.0%                | 647 (93.2%)        | 3,145 (86.3%)           |
| Ever screened for prostate cancer (men over 45 years) ****     | NA               | NA                     | 91.7%            | 48.5%                  | 89.9%            | 52.1%                  | 80.0%            | 52.0%                  | 79.6%            | 48.6%                | 77.8%           | 50.8%                | 175 (83.7%)        | 736 (51.1%)             |

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

\*Total Sample Size: (Cancer=790, Non-Cancer= 6,409)

\*\* Total Sample Size: (Cancer=861, Non-Cancer= 4,583)

\*\*\* Total Sample Size: (Cancer=694, Non-Cancer= 3,643)

\*\*\*\* Total Sample Size: (Cancer=209, Non-Cancer= 1,439)

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

|   | 2011-2012        |                        | 2013-2014        |                        | 2015-2016        |                        | 2017-2018        |                        | 2019-2020        |                      | 2021            |                      | Total              |                         |
|---|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|----------------------|-----------------|----------------------|--------------------|-------------------------|
|   | Cancer<br>n= 151 | Non Cancer<br>n= 2,308 | Cancer<br>n= 222 | Non Cancer<br>n= 2,878 | Cancer<br>n= 297 | Non Cancer<br>n= 2,635 | Cancer<br>n= 274 | Non Cancer<br>n= 2,219 | Cancer<br>n= 154 | Non Cancer<br>n= 853 | Cancer<br>n= 31 | Non Cancer<br>n= 273 | Cancer<br>n= 1,129 | Non Cancer<br>n= 11,166 |
| Ever been in a health research study                        | 27.8%            | 13.3%                  | 31.1%            | 16.1%                  | 39.1%            | 19.8%                  | 29.9%            | 19.5%                  | 28.6%            | 18.8%                | 35.5%           | 32.6%                | 364 (32.2%)        | 1,976 (17.7%)           |
| Interested in participating in research                     | 92.7%            | 87.3%                  | 95.5%            | 94.6%                  | 97.0%            | 95.9%                  | 95.6%            | 92.3%                  | 90.9%            | 95.8%                | 100.0%          | 96.3%                | 1,073 (95.0%)      | 10,392 (93.1%)          |
| <b>Would you volunteer for a health research study:</b>     |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| That only asked questions about your health                 | 92.1%            | 91.2%                  | 94.6%            | 93.8%                  | 96.6%            | 95.3%                  | 96.0%            | 93.2%                  | 94.8%            | 96.4%                | 96.8%           | 95.6%                | 1,075 (95.2%)      | 10,464 (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%                  | 88.3%            | 91.4%                | 93.5%           | 88.6%                | 1017 (90.1%)       | 9,644 (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%                  | 89.6%            | 88.6%                | 100.0%          | 87.9%                | 1042 (92.3%)       | 9,468 (84.8%)           |
| 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%                  | 88.3%            | 88.7%                | 93.5%           | 86.1%                | 1033 (91.5%)       | 9,486 (85.0%)           |
| If you might have to take medicine                          | 66.2%            | 53.8%                  | 72.5%            | 62.2%                  | 71.7%            | 64.7%                  | 63.1%            | 54.8%                  | 51.9%            | 58.1%                | 51.6%           | 58.2%                | 743 (65.8%)        | 6,607 (59.2%)           |
| 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%                  | 68.8%            | 72.2%                | 83.9%           | 74.4%                | 891 (78.9%)        | 7,935 (71.1%)           |
| If you might have to use medical equipment                  | 87.4%            | 75.4%                  | 88.7%            | 83.0%                  | 93.9%            | 86.8%                  | 93.8%            | 84.7%                  | 89.0%            | 89.7%                | 96.8%           | 90.1%                | 1032 (91.4%)       | 9,306 (83.3%)           |
| If you didn't get paid                                      | 86.1%            | 73.4%                  | 86.0%            | 78.1%                  | 88.6%            | 80.9%                  | 81.8%            | 72.9%                  | 78.6%            | 80.0%                | 80.6%           | 75.5%                | 954 (84.5%)        | 8,578 (76.8%)           |
| Likely/ Somewhat Likely to donate brain for research        | NA               | NA                     | NA               | NA                     | 53.6%            | 62.6%                  | 51.1%            | 60.6%                  | 51.3%            | 56.4%                | 41.9%           | 55.3%                | 336 (52.0%)        | 3,061 (60.8%)           |

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

|  | 2011-2012        |                        | 2013-2014        |                        | 2015-2016        |                        | 2017-2018        |                        | 2019-2020        |                      | 2021            |                      | Total              |                         |
|--|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|----------------------|-----------------|----------------------|--------------------|-------------------------|
|  | Cancer<br>n= 151 | Non Cancer<br>n= 2,308 | Cancer<br>n= 222 | Non Cancer<br>n= 2,878 | Cancer<br>n= 297 | Non Cancer<br>n= 2,635 | Cancer<br>n= 274 | Non Cancer<br>n= 2,219 | Cancer<br>n= 154 | Non Cancer<br>n= 853 | Cancer<br>n= 31 | Non Cancer<br>n= 273 | Cancer<br>n= 1,129 | Non Cancer<br>n= 11,166 |
| <b>Alcohol:</b> 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%                  | 11.7%            | 25.0%                | 16.1%           | 28.6%                | 178 (15.8%)        | 2,717 (24.3%)           |
| <b>Marijuana</b>   |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| Never  | 51.0%            | 53.9%                  | 44.1%            | 48.6%                  | 49.8%            | 52.4%                  | 47.1%            | 44.1%                  | 50.6%            | 37.7%                | 38.7%           | 41.8%                | 542 (48.0%)        | 5,439 (48.7%)           |
| Past user  | 36.4%            | 27.6%                  | 44.1%            | 33.6%                  | 39.7%            | 33.4%                  | 38.3%            | 35.6%                  | 36.4%            | 37.3%                | 45.2%           | 31.9%                | 446 (39.5%)        | 3,679 (32.9%)           |
| Current user (past 30 days)  | 12.6%            | 18.2%                  | 11.7%            | 17.7%                  | 10.4%            | 13.9%                  | 14.2%            | 19.7%                  | 13.0%            | 24.4%                | 16.1%           | 25.6%                | 140 (12.4%)        | 2,009 (18.0%)           |
| <b>Prescription pain medication</b>  |                  |                        |                  |                        |                  |                        |                  |                        |                  |                      |                 |                      |                    |                         |
| Never  | 36.4%            | 58.7%                  | 25.2%            | 51.7%                  | 22.2%            | 47.6%                  | 30.3%            | 47.2%                  | 30.5%            | 39.0%                | 41.9%           | 44.0%                | 320 (28.3%)        | 5,595 (50.1%)           |
| Past user  | 35.8%            | 29.5%                  | 51.4%            | 34.6%                  | 56.2%            | 38.3%                  | 47.8%            | 40.8%                  | 51.9%            | 49.7%                | 54.8%           | 47.3%                | 563 (49.9%)        | 4,144 (37.1%)           |
| Current user (past 30 days)  | 26.5%            | 11.4%                  | 23.4%            | 13.2%                  | 21.5%            | 13.7%                  | 21.2%            | 11.3%                  | 15.6%            | 10.2%                | 3.2%            | 8.1%                 | 239 (21.2%)        | 1,365 (12.2%)           |
| 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%                  | 51.9%            | 45.6%                | 48.4%           | 46.5%                | 557 (49.3%)        | 3,645 (32.6%)           |

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

|                          | 2011-2012        |                        | 2013-2014        |                        | 2015-2016        |                        | 2017-2018        |                        | 2019-2020        |                      | 2021            |                      | Total              |                         |
|--------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|----------------------|-----------------|----------------------|--------------------|-------------------------|
|                          | Cancer<br>n= 143 | Non Cancer<br>n= 2,025 | Cancer<br>n= 219 | Non Cancer<br>n= 2,665 | Cancer<br>n= 291 | Non Cancer<br>n= 2,471 | Cancer<br>n= 258 | Non Cancer<br>n= 2,000 | Cancer<br>n= 149 | Non Cancer<br>n= 799 | Cancer<br>n= 30 | Non Cancer<br>n= 255 | Cancer<br>n= 1,090 | Non Cancer<br>n= 10,215 |
| Hypertension             | 35.0%            | 34.5%                  | 26.5%            | 29.7%                  | 25.4%            | 30.3%                  | 15.5%            | 25.4%                  | 12.1%            | 24.0%                | 20.0%           | 15.3%                | 246 (22.6%)        | 2,977 (29.1%)           |
| Diabetes                 | 20.3%            | 22.6%                  | 18.3%            | 21.3%                  | 18.2%            | 22.4%                  | 17.4%            | 21.8%                  | 16.1%            | 17.4%                | 10.0%           | 14.9%                | 194 (17.8%)        | 2,191 (21.4%)           |
| Muscle and Bone Problems | 11.2%            | 17.5%                  | 29.2%            | 18.5%                  | 20.3%            | 22.0%                  | 26.7%            | 20.6%                  | 24.2%            | 23.5%                | 23.3%           | 22.7%                | 251 (23.0%)        | 2,048 (20.0%)           |
| Weight Problems          | 7.0%             | 16.5%                  | 10.0%            | 16.7%                  | 14.1%            | 15.5%                  | 13.6%            | 19.4%                  | 14.8%            | 15.1%                | 23.3%           | 15.7%                | 137 (12.6%)        | 1,712 (16.8%)           |
| Heart Problems           | 14.0%            | 13.3%                  | 14.2%            | 18.3%                  | 8.2%             | 16.2%                  | 5.8%             | 9.3%                   | 13.4%            | 14.3%                | 13.3%           | 10.6%                | 114 (10.5%)        | 1,484 (14.5%)           |
| Cancer                   | 37.1%            | 14.4%                  | 32.0%            | 14.4%                  | 40.2%            | 11.2%                  | 36.0%            | 9.4%                   | 27.5%            | 6.6%                 | 36.7%           | 8.6%                 | 385 (35.3%)        | 1,214 (11.9%)           |
| Oral Health              | 17.5%            | 16.1%                  | 17.4%            | 12.3%                  | 15.5%            | 13.8%                  | 12.0%            | 15.7%                  | 21.5%            | 14.9%                | 16.7%           | 14.1%                | 176 (16.1%)        | 1,464 (14.3%)           |
| Mental Health            | 9.1%             | 8.5%                   | 8.7%             | 13.4%                  | 13.1%            | 13.7%                  | 10.1%            | 18.7%                  | 12.1%            | 17.0%                | 0.0%            | 23.1%                | 114 (10.5%)        | 1,434 (14.0%)           |

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

|                   | 2011-2012 | 2013-2014 | 2015-2016 | 2017-2018 | 2019-2020 | 2021  | Total       |
|-------------------|-----------|-----------|-----------|-----------|-----------|-------|-------------|
|                   | n= 151    | n= 222    | n= 297    | n= 274    | n= 154    | n= 16 | n= 1,114    |
| <b>Skin</b>       | 25.8%     | 27.0%     | 31.0%     | 36.9%     | 41.6%     | 87.5% | 370 (33.2%) |
| <b>Breast</b>     | 17.9%     | 15.3%     | 23.2%     | 16.1%     | 18.2%     | 37.5% | 208 (18.7%) |
| <b>Cervical</b>   | 17.9%     | 18.5%     | 9.1%      | 9.9%      | 9.1%      | 12.5% | 138 (12.4%) |
| <b>Prostate</b>   | 9.3%      | 9.0%      | 8.1%      | 7.7%      | 9.7%      | 0.0%  | 94 (8.4%)   |
| <b>Colorectal</b> | 2.6%      | 7.2%      | 7.4%      | 5.8%      | 5.2%      | 18.8% | 69 (6.2%)   |
| <b>Ovarian</b>    | 2.0%      | 2.7%      | 4.7%      | 4.7%      | 4.5%      | 12.5% | 45 (4.0%)   |
| <b>Uterine</b>    | 1.3%      | 4.1%      | 4.0%      | 6.2%      | 2.6%      | 6.3%  | 45 (4.0%)   |
| <b>Lymphoma</b>   | 3.3%      | 3.6%      | 3.0%      | 4.4%      | 1.9%      | 0.0%  | 37 (3.3%)   |
| <b>Lung</b>       | 2.0%      | 3.6%      | 3.0%      | 4.4%      | 1.9%      | 0.0%  | 35 (3.1%)   |
| <b>Thyroid</b>    | 1.3%      | 1.8%      | 2.4%      | 1.8%      | 1.3%      | 6.3%  | 21 (1.9%)   |
| <b>Kidney</b>     | 3.3%      | 0.5%      | 2.7%      | 1.5%      | 0.6%      | 0.0%  | 19 (1.7%)   |
| <b>Bladder</b>    | 1.3%      | 0.0%      | 2.0%      | 1.5%      | 1.9%      | 6.3%  | 16 (1.4%)   |
| <b>Stomach</b>    | 1.3%      | 0.5%      | 1.7%      | 1.5%      | 0.6%      | 0.0%  | 13 (1.2%)   |
| <b>Brain</b>      | 0.7%      | 1.4%      | 1.0%      | 0.7%      | 1.3%      | 6.3%  | 12 (1.1%)   |
| <b>Throat</b>     | 0.7%      | 0.5%      | 1.3%      | 0.7%      | 0.6%      | 6.3%  | 10 (0.9%)   |
| <b>Pancreatic</b> | 1.3%      | 0.9%      | 0.3%      | 0.4%      | 1.9%      | 0.0%  | 9 (0.8%)    |
| <b>Liver</b>      | 0.0%      | 0.5%      | 1.0%      | 1.5%      | 0.6%      | 0.0%  | 9 (0.8%)    |
| <b>Rectal</b>     | 2.0%      | 1.8%      | 0.0%      | 0.4%      | 0.0%      | 0.0%  | 8 (0.7%)    |
| <b>Oral</b>       | 0.0%      | 0.5%      | 0.0%      | 1.1%      | 1.3%      | 0.0%  | 6 (0.5%)    |
| <b>Testicular</b> | 0.7%      | 0.5%      | 0.3%      | 0.7%      | 0.6%      | 0.0%  | 6 (0.5%)    |

\* More than 1 cancer type reported for 125 HealthStreet members

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

| One Cancer Type | Two Cancer Types | Three Cancer Types | Total** |
|-----------------|------------------|--------------------|---------|
| 991 (88.8%)     | 93 (8.3%)        | 32 (2.9%)          | 1,116   |

\*\* 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 | 28         | 1          |
| REACH  | Nicole Whitehead | 3          | 2          |
| Gut microflora and estrogens: a new paradigm for breast cancer risk reduction  | Lusine Yaghjyan  | 80         | 18         |
| <b>Total</b>   |                  | <b>472</b> | <b>128</b> |

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   | 77.4% |
| Radiation therapy   | 25.7% |
| Chemotherapy  | 23.8% |
| Oral Medications  | 23.3% |
| Hormone Therapy   | 8.2%  |
| Proton therapy  | 1.6%  |

\* Among 669 members who reported treatment.

On a scale of 1 to 10, where  
 1 is “Not At All” and  
 10 is “Completely”

Scores 1-4: **Low**

Scores 5-7: **Medium**

Scores 8-10: **High**

\*Among 789 members who reported Cancer  
 and answered both.

|                             |                     |                  |                     |                    |
|-----------------------------|---------------------|------------------|---------------------|--------------------|
| <b>Trust in Researchers</b> | <b>High Trust</b>   | <b>5 (0.6%)</b>  | <b>47 (6.0%)</b>    | <b>435 (55.1%)</b> |
|                             | <b>Medium Trust</b> | <b>8 (1.0%)</b>  | <b>212 (26.9%)</b>  | <b>47 (6.0%)</b>   |
|                             | <b>Low Trust</b>    | <b>24 (3.0%)</b> | <b>10 (1.3%)</b>    | <b>1 (0.1%)</b>    |
|                             |                     | <b>Low Trust</b> | <b>Medium Trust</b> | <b>High Trust</b>  |
| <b>Trust in Research</b>    |                     |                  |                     |                    |

Figure 2: Baseline Trust in Research and Researchers among members with history of cancer

## 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.

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