

2018 Knox County Behavioral Risk Factor Survey



KNOX COUNTY
TENNESSEE

HEALTH DEPARTMENT

2018 Knox County Behavioral Risk Factor Survey

ACKNOWLEDGMENT

This report is dedicated to all those who live, work or visit Knox County, Tennessee.

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This report may be viewed at http://www.knoxcounty.org/health/epidemiology/reports_data.php.

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Introduction

The Knox County Behavioral Risk Factor Survey (BRFS) collected information on the health and health-related behaviors of Knox County's adults (18+ years) in 2002, 2005, 2008, 2011, and 2014. This report presents the results of the 2018 Knox County BRFS ($n^1 = 3,645$ adults) collected from April 2018 to January 2019 by the University of Tennessee Center for Applied Research and Evaluation among non-institutionalized Knox County adults (18+ years) following national BRFS guidelines for sampling. It is modelled closely on the state and national BRFS, the world's largest health survey (CDC, 2019). Data analysis began in April 2019 and was completed in October 2019. The report writing and editing process was completed in April 2021.

Methodology

Previous Knox County BRFS efforts (2002, 2005, 2008 and 2011) used a landline-only survey methodology to collect information. Beginning in 2014 and continued in 2018, the Knox County BRFS used a dual-frame sampling design which incorporates landlines plus cellphones to optimize the collection of reliable and representative data (Hu, Balluz, Battaglia, and Frankel, 2011). Comparisons between the 2014 and 2018 findings with previous survey years (2002, 2005, 2008 and 2011) should be undertaken with caution due to the differences in sampling methodology. Centers for Disease Control and Prevention (CDC) guidelines were closely followed in the collection and analysis of the data. Responses from a total of 3,645 non-institutionalized, non-incarcerated Knox County adults were included in the sample.

Analysis

Results were generated using SAS-callable SUDAAN release 11.03 (Research Triangle Institute, Cary, North Carolina). Demographics were limited to:

- Gender (M/F)
- Age groups (18-24, 25-34, 35-44, 45-54, 55-64 and 65+)
- Race (non-Hispanic white; non-Hispanic Black; and other race/ethnicity which included Hispanics of any race, Asian Americans, Native Americans, Alaskan Natives or Pacific Islanders)
- Annual household income (less than \$15,000, \$15,000-\$24,999, \$25,000-\$34,999, \$35,000-\$49,999, \$50,000 or greater)
- Education level (less than high school, high school, some college or post-high school education, and college graduates, including education beyond college bachelors)
- Employment (employed, unemployed, homemaker, student, retired, and unable to work)
- Sexual orientation (straight, gay/lesbian, bisexual and any other sexual orientation).²

When possible, the results of the 2018 Knox County BRFS were compared to *Healthy People 2020* objectives to determine how well Knox County is doing in meeting national health objectives set for the year 2020 (Koh, Piotrowski, Kumanyika and Fielding, 2011; ODPHP, 2016). A list of the *Healthy People 2020* objectives which apply to the data in this report is available on page 204. In addition, results from the 2018 Knox County BRFS are compared to results from the Tennessee and United States (USA) Behavioral Risk Factor Surveys (CDC, 2019) in the most recent year available.

¹ 'n' represents the sample size. In this case $n = 3,645$ Knox County adults.

² The 'any other sexual orientation' responses were not included into the analysis due to a limited overall response ($n = 10$)

Interpretation of confidence intervals and reliability restrictions

All prevalence estimates and averages in the attached tables are presented with 95% confidence intervals (CI). Simply termed “(CI)” in the tables, the 95% CI represents a level of certainty in the analyses. The level of confidence for the analysis has been set at 95%, meaning that if the data collection and analysis could be replicated many times, the confidence intervals should include within it the correct value of the measure 95% of the time (Rothman, 2002). A narrow CI implies a greater precision compared to a wider CI and is most often the result of a larger sample size.

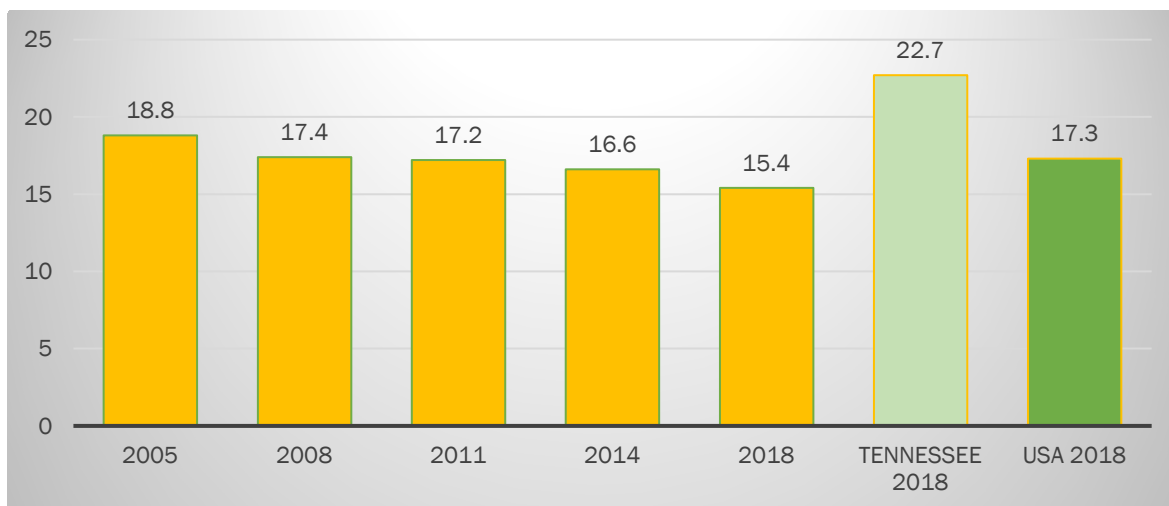
To be confident in the reliability of the results, responses to questions that received fewer than 20 responses were not included in the tables. These non-reported parts of the tables are marked with a single symbol “†.” In addition, all statistics were subjected to relative standard error (RSE) calculations to check for reliability. Any mean or prevalence estimate that resulted in an RSE estimate of 30.0 or greater could not be reported and has been replaced with “†” in the tables. RSE estimates are not reported in the tables but are available upon request from the Knox County Health Department.

SECTION 1: GENERAL HEALTH

Health status

- Slightly more than one out of seven adults (15.4%) reported their general health to be either poor or fair (Table 1; Figure 1). In contrast, most Knox County adults (84.6%) reported they were in either good or excellent general health (Table 2). The 2018 Knox County estimate for fair/poor health of 15.4% was lower than the 2018 estimate for Tennessee at 22.7% (Figure 1).

Figure 1. Prevalence estimate of adults who reported poor or fair general health, Knox County 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



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Poor physical health days

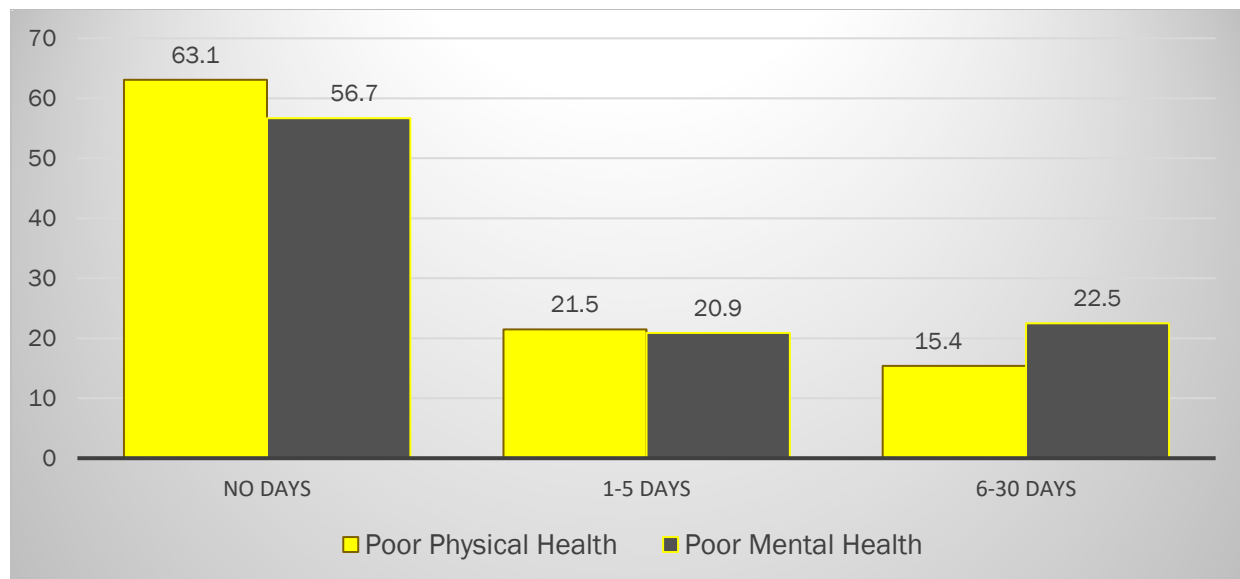
- Among Knox County adults, the average number of poor physical health days in the past 30 days among Knox County adults was estimated at 3.6 days (Table 3). Women reported more average days (4.2 average days) of poor physical health compared to men (3.0 average days). Adults with annual household (HH) incomes less than \$15,000 reported a greater number of average poor physical health days (8.7 average days) during the past 30 days compared to adults with annual HH incomes of \$25,000 or more. In addition, adults with less than a high school education reported a greater number of average poor physical health days (7.6 average days) during the past 30 days compared to all other education levels (Table 3).
- More than one-half of all Knox County adults reported no days of poor physical health or injury (63.1%) (Figure 2, Table 4) during the past 30 days.

Poor mental health days

- Among Knox County adults, the average number of poor mental health days in the past 30 days was 4.9 days (Table 7). Younger adults (ages 18-24) reported an average of 9.5 poor mental health days during the past 30 days. This was a greater estimate than all other age groups (Table 7). In addition, gay/lesbian adults (15.8 average days) and bisexual adults (18.2 average days) reported greater average days of poor mental health in the past 30 days compared to straight adults (4.2 average days) (Table 7).

More than one-half of Knox County adults reported no days of poor mental health (56.7%; Table 8) during the past 30 days (Figure 2).

Figure 2. Prevalence estimate of Knox County adults reporting no days, 1-5 days, or 6-30 days of either poor physical health/injury or poor mental health in the past 30 days, 2018



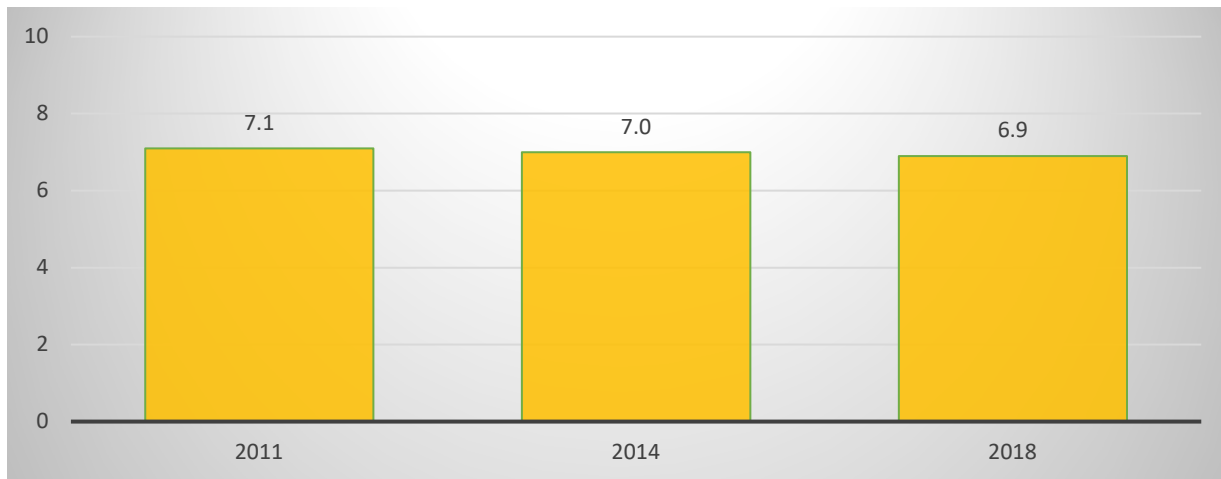
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Inability to complete normal activities due to poor health

- Knox County adults reported an average of 4.2 days each month in which normal activities could not be completed due to physical or mental health conditions. (Table 11).

Sleep

Figure 3. Average number of hours of sleep in a 24-hour period, 2011, 2014, 2018



- The average number of hours Knox County adults reported sleeping during a 24-hour period in 2018 was 6.9 hours (Figure 3; Table 15).

SECTION 2: HEALTH CARE ACCESS

Health insurance

- Nine out of 10 Knox County adults (93.4%) reported they have health care coverage/insurance (Figure 4; Table 17). This percentage (93.4%) is greater than the 2018 Tennessee estimate for health insurance of 88.0% (Figure 4). In line with Tennessee and the nation in 2018, Knox County has not met the *Healthy People 2020* AHS-1 objective of 100% of people having health care coverage.

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Figure 4. Prevalence estimate of adults who reported they have some form of health care coverage, Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States 2018

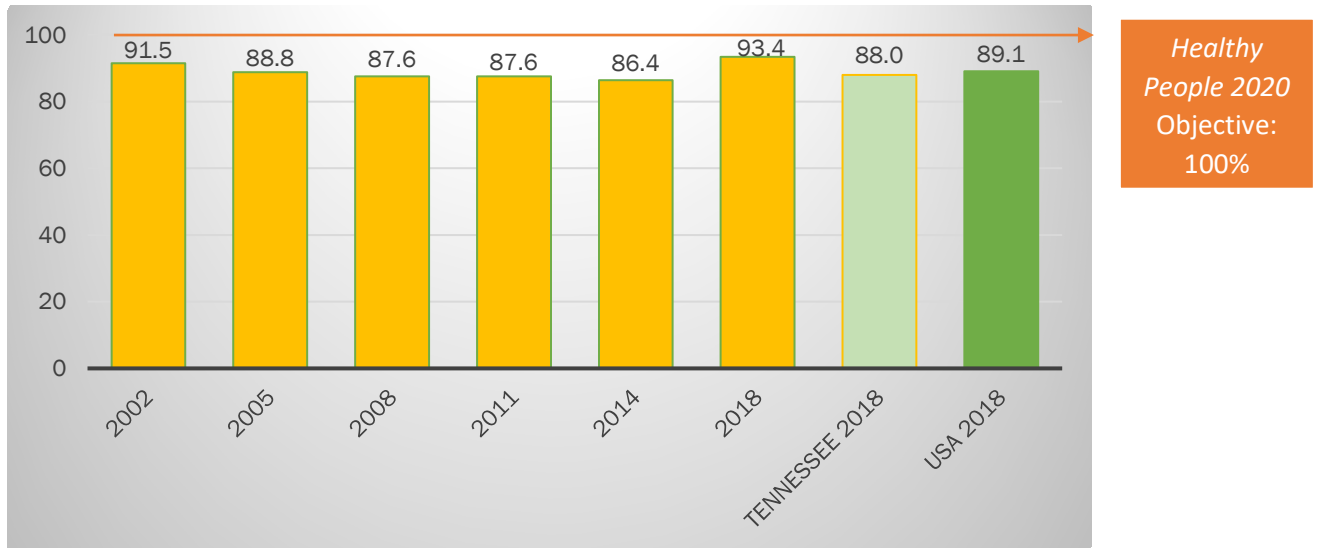
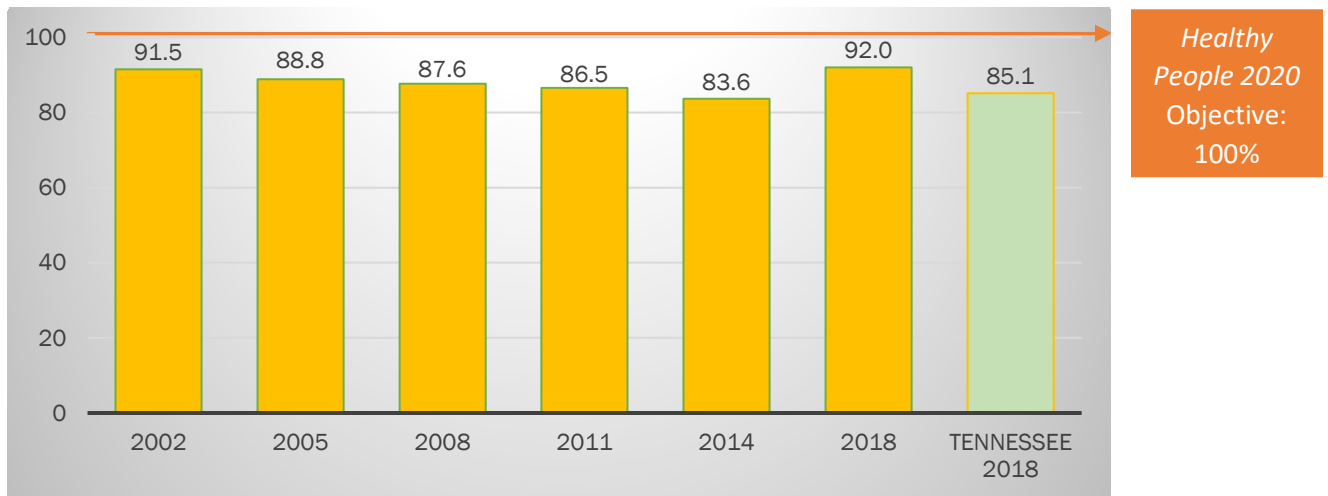


Figure 5: Prevalence estimate of adults ages 18-64 who reported they have some form of health care insurance, Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, 2018

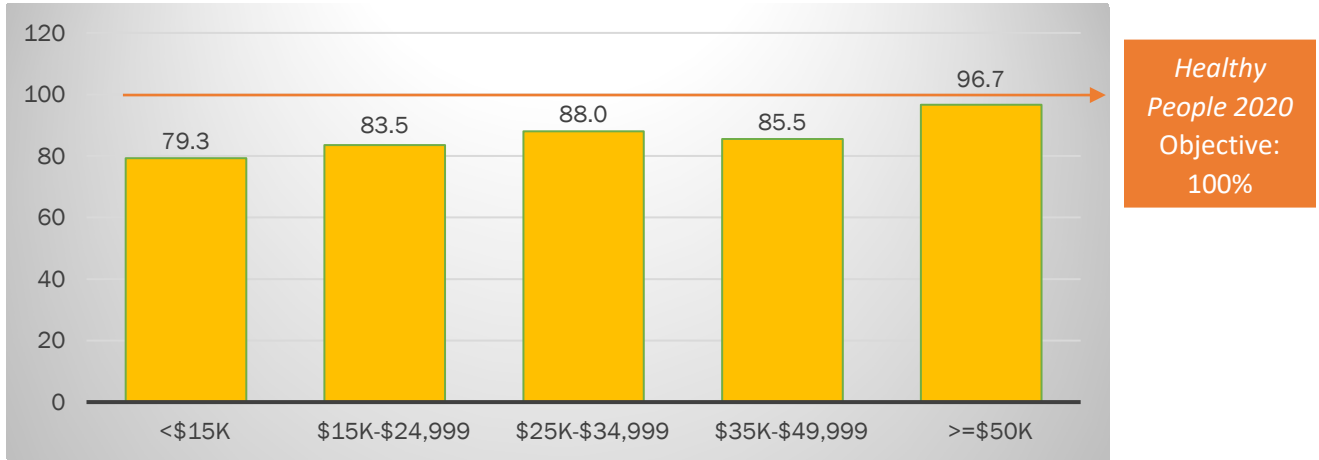


- Ninety-two percent of Knox County adults ages 18-64 (92.0%) reported they have health insurance (Table 18; Figure 5) not yet meeting *Healthy People 2020* objective AHS-1 which calls for 100% of people insured by 2020 (ODPHD, 2016).³ The remaining 8% who reported they lacked health insurance represent an estimated 22,700 adults ages 18-64.

³ Knox County adults ages 18-64 are usually not eligible for Medicare. Figure 4 represents all adults, including those 65+ on Medicare rolls. This is the reason that the Figure 5 estimate for adults (92.0%) covered by health care is lower than the one seen in Figure 4 for all adults (93.4%)

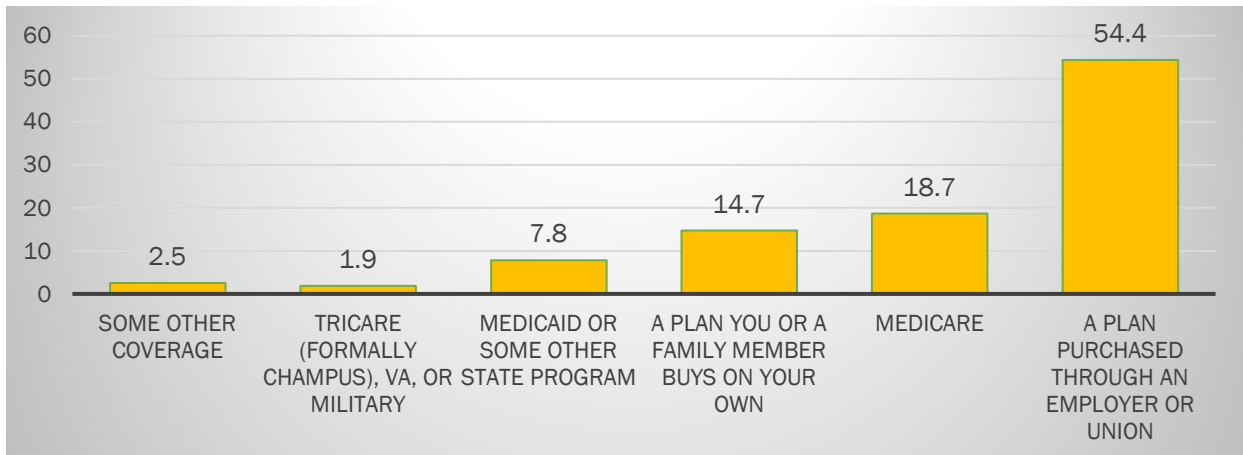
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Figure 6. Health care coverage by annual household income among Knox County adults ages 18-64 in 2018: Prevalence estimates



- Health insurance prevalence estimates by annual household income among Knox County adults ages 18-64 are displayed in Figure 6. Adults ages 18-64 with HH incomes of \$50,000 or more (96.7%) are more likely to have health insurance compared to all other HH income groups (Table 18).
- Adults ages 18-64 with college degrees or greater education (96.7%) and employed adults (93.0%) also report having insurance more often compared to other education classes or employment categories (Table 18).
- *Healthy People 2020* objective AHS-1 (100% of adults having insurance) has not yet been met for Knox County adults ages 18-64.
- As seen in Figure 7, more than half of Knox County adults (54.4%) purchased their health care coverage through their employer (Table 21).

Figure 7. Principal form of health care coverage among Knox County adults with insurance in 2018: Prevalence estimates

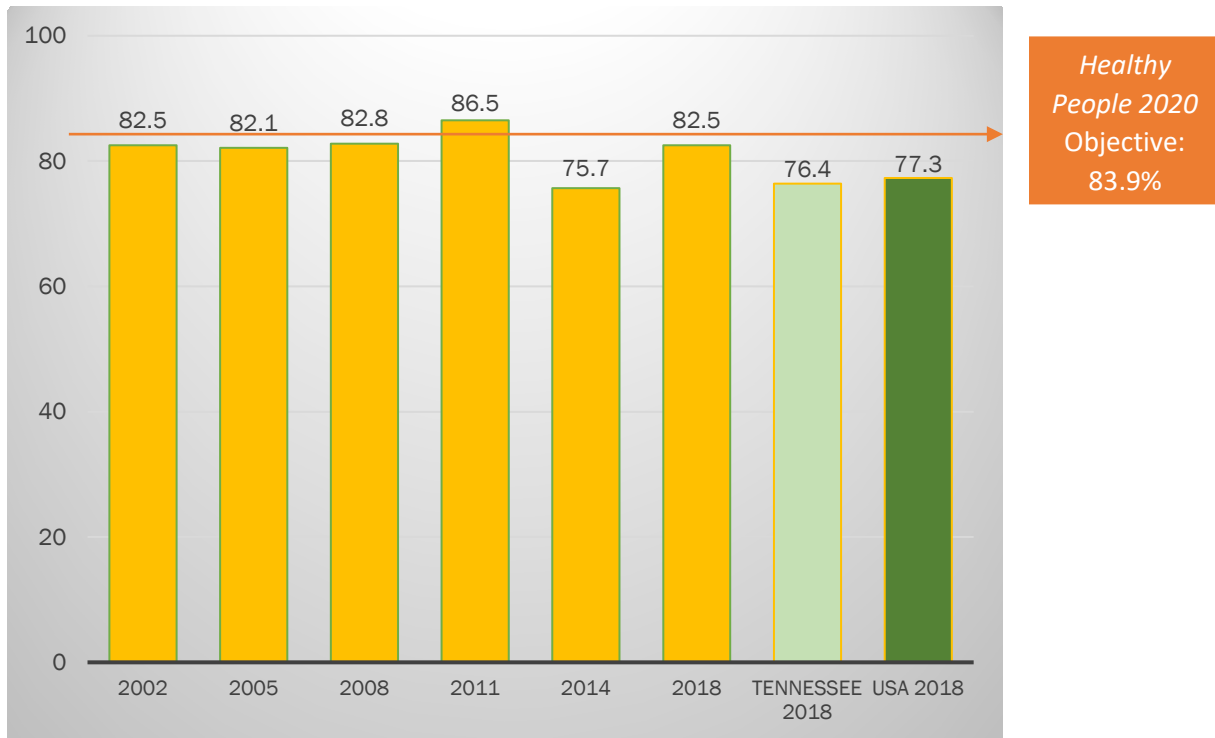


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Access to a healthcare provider

- Eight out of ten Knox County adults (82.5%) reported they have one or more persons they consider as their personal doctor or health care provider (Figure 8; Table 22). This is close to meeting *Healthy People 2020* objective AHS-3 which calls for 83.9% of persons having a usual primary care provider (ODPHD, 2016).

Figure 8. Prevalence estimate of Knox County adults who reported they have one or more persons they consider to be their personal health care provider, Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

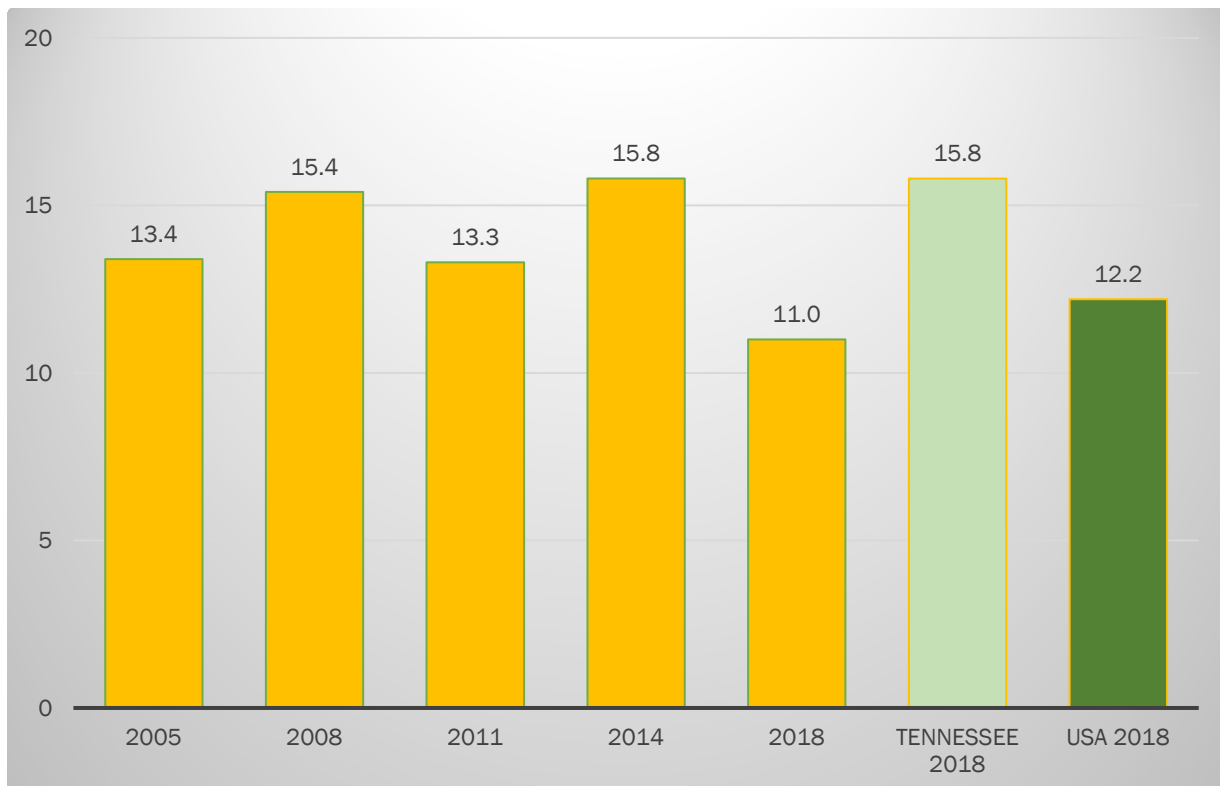


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Cost barriers

- As seen in Figure 9, 11.0% of Knox County adults reported they needed to see a doctor in the past 12 months but could not due to costs (Table 25). The 2018 Knox County estimate of 11.0% is lower than the 2018 Tennessee estimate of 15.8% for this variable.

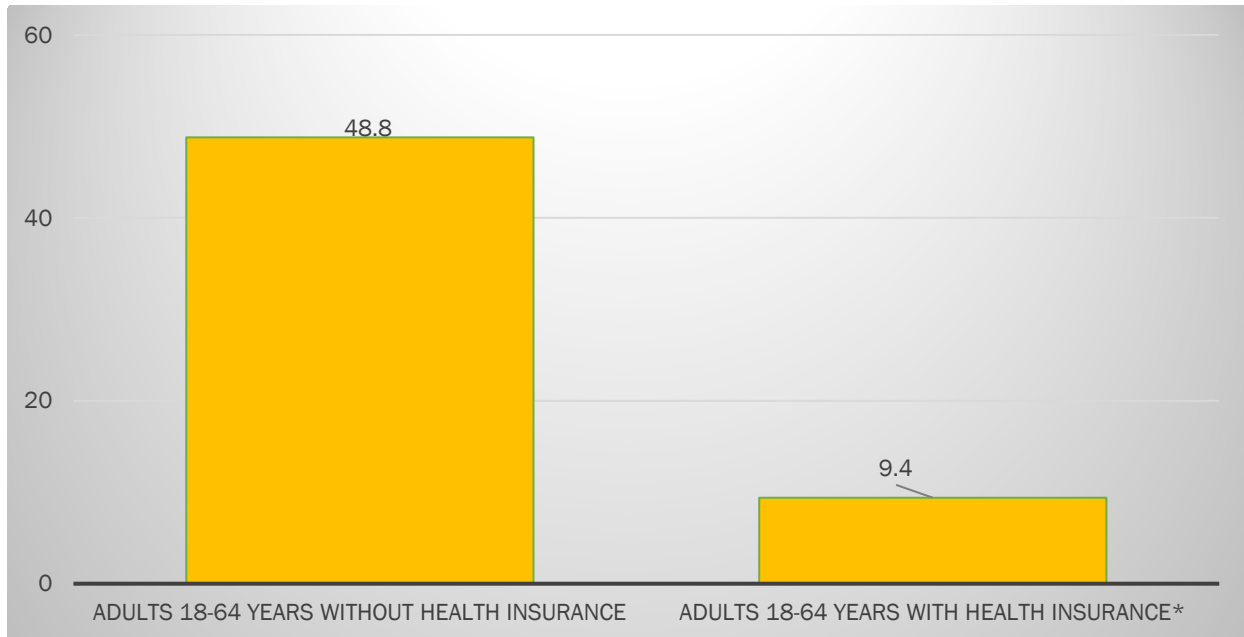
Figure 9. Prevalence estimate of adults reporting they needed to see a doctor in the past year but could not due to the cost: Knox County 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Among adults ages 18-64 lacking health care coverage, almost one-half (48.8%) reported they needed to see a doctor in the past year but could not due to cost (Figure 10; Table 27). This represents approximately 11,000 adults in Knox County. The estimate for this variable among adults ages 18-64 without health insurance (48.8%) is higher compared to adults ages 18-64 who have health insurance (9.4%) as seen in Figure 10.

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Figure 10. Prevalence estimate of Knox County adults ages 18-64 with and without health insurance who needed to see a doctor in the past 12 months but could not due to the cost



**Note: This estimate does not appear in the tables.*

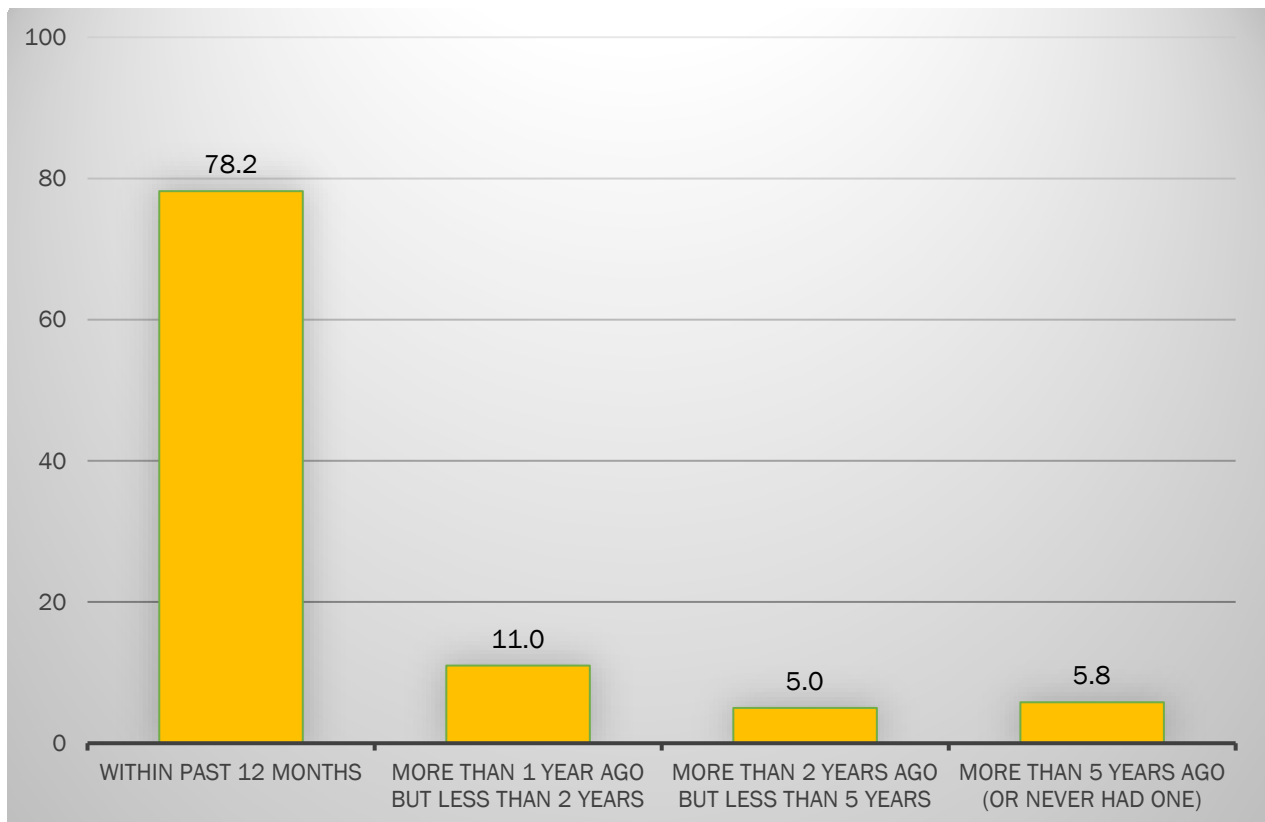
- Seven percent (7.0%) of Knox County adults reported they did not take their medication as prescribed due to costs (Table 28).
- Almost one out of four Knox County adults ages 18-64 who lacked health insurance (24.8%) reported they did not take their medication as prescribed due to costs during the past year (Table 29).
- One out of five (21.4%) Knox County adults reported they had medical bills that they were paying off over time (Table 30).

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Routine health checkups

In 2018, 78.2% of Knox County adults (18+ years) reported they had a routine health checkup within the past 12 months (Figure 11; Table 32). Almost six percent (5.8%) of Knox County adults (an estimated 20,000 adults) reported they have not had a checkup within the past five years or have never had one (Figure 11; Table 35).

Figure 11. Length of time since the last routine health checkup among Knox County adults, 2018: Prevalence estimates



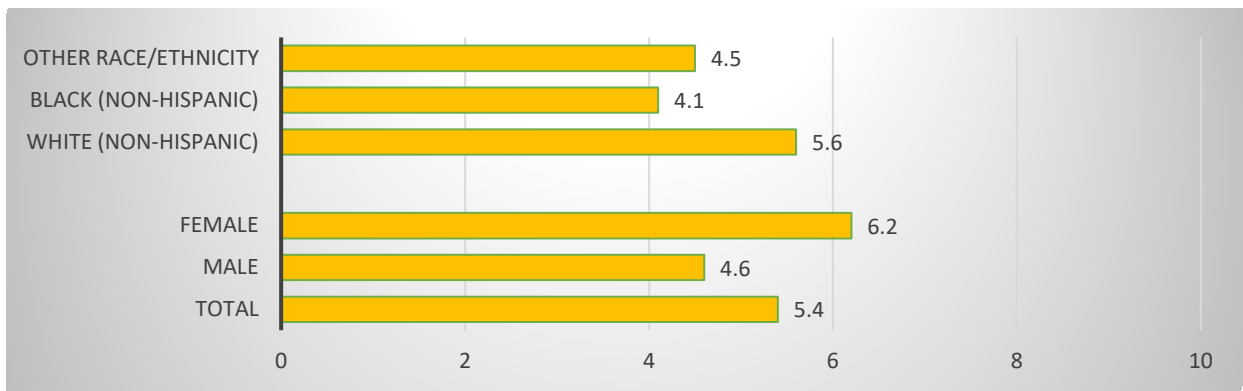
- Among Knox County adults ages 18-64, 74.5% reported they had a routine health checkup during the past 12 months in 2018 (Table 36). Less than half of Knox County adults ages 18-64 who lacked health insurance (45.6%) reported they had a routine health checkup within the past 12 months (Table 37).

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Average visits to a health care provider

- On average, Knox County adults visited a doctor, nurse or other health care professional 5.4 times in the past year in 2018 (Table 41; Figure 12).
- Women (6.2 average visits) were more likely to report this behavior compared to men (4.6 average times) (Table 41; Figure 12).
- Non-Hispanic white adults (5.6 average visits) averaged more health care provider visits in the past year compared to non-Hispanic Black adults (4.1 average visits) (Table 41; Figure 12).

Figure 12. Average number of times Knox County adults reported they visited their health care provider during the past year by gender and race/ethnicity, 2018

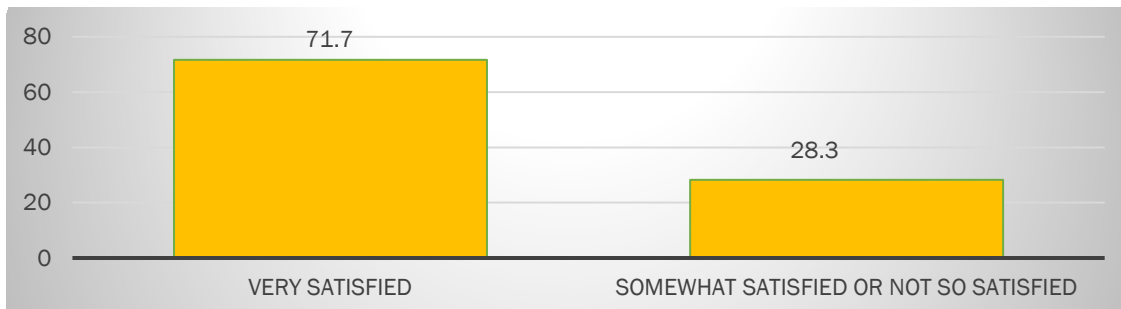


- Adults ages 18-64 who lacked health insurance averaged 2.1 visits to a health care provider during the past year (Table 42).

Quality of health care

- Seven out of ten (71.7%) of Knox County adults reported they were very satisfied with the health care they receive (Figure 13; Table 44). Three out of four (75.8%) Knox County adults with HH income of \$50,000 or more reported they were very satisfied with the health care they receive. Approximately one-half (57.6%) of adults with HH income of less than \$15,000 reported they were very satisfied with their health care (Table 44).

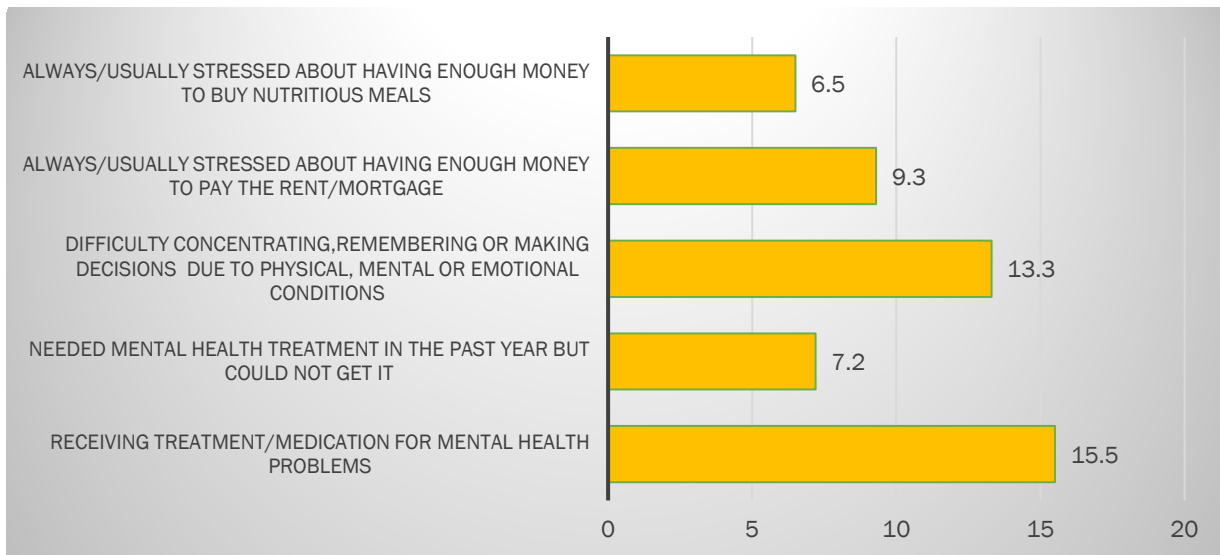
Figure 13. Level of satisfaction with health care among Knox County adults, 2018: Prevalence estimates



SECTION 3: MENTAL HEALTH, DIFFICULTY CONCENTRATING AND STRESS

- Approximately nine percent (9.3%) of Knox County adults reported they were always or usually worried or stressed about having enough money to pay the rent or mortgage (Figure 14; Table 48).
- Almost seven percent (6.5%) reported they were always or usually stressed about having enough money to buy nutritious meals (Figure 14; Tables 51).
- One out of seven (15.5%) Knox County adults reported they were currently taking medicine or receiving treatment for any type of mental health condition (Figure 14; Table 54). In contrast, 7.2% of Knox County adults reported they needed mental health treatment or counseling during the past year but did not get it (Figure 14; Table 55).
- Women (19.1%) were more likely to report they were in treatment for mental health conditions compared to men (11.6%) as seen in Table 54.
- Gay or lesbian adults (45.8%) were more likely to report they were in treatment for mental health conditions compared to straight adults (14.8%) (Table 54).
- Adults who reported they were unable to work (47.3%) and unemployed adults (38.4%) reported current mental health treatment more frequently compared to employed adults (13.2%) (Table 54).
- One out of eight Knox County adults (13.3%) reported they have difficulty concentrating, remembering, or making decisions due to physical, mental, or emotional conditions (Figure 14; Table 56). Knox County adults with less than a high school education (36.6%) reported this behavior more frequently compared to adults with some college (13.3%) and adults with college degrees (6.8%) (Table 56). Adults with annual HH incomes of less than \$15,000 (30.0%) reported this behavior more frequently compared to adults with annual HH incomes of \$50,000 or more (6.1%) (Table 56).

Figure 14. Self-reported mental health issues among Knox County adults in 2018: Prevalence estimates

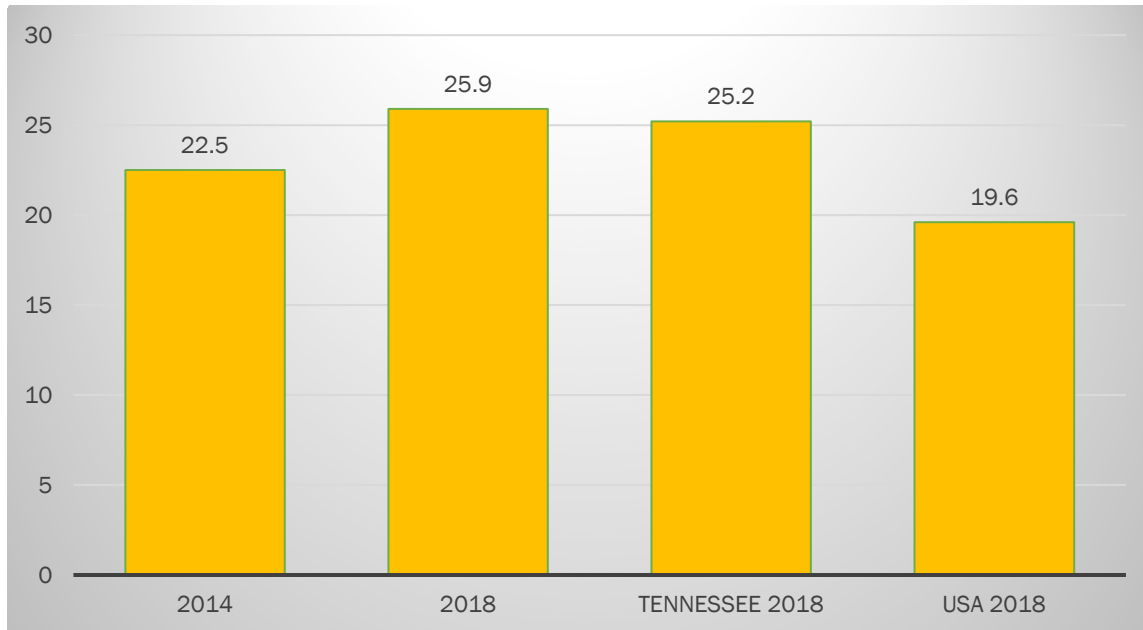


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Depressive disorders

A depressive disorder is a mood disorder characterized by frequent or constant feelings of sadness/despair and loss of interest in things that were once pleasurable (NIMH, 2018, February). Depressive disorders should not be confused with temporary feelings of sadness.

Figure 15. Prevalence estimate of adults who reported they have been told by a health professional they have a depressive disorder, Knox County 2014, 2018; Tennessee, United States, 2018



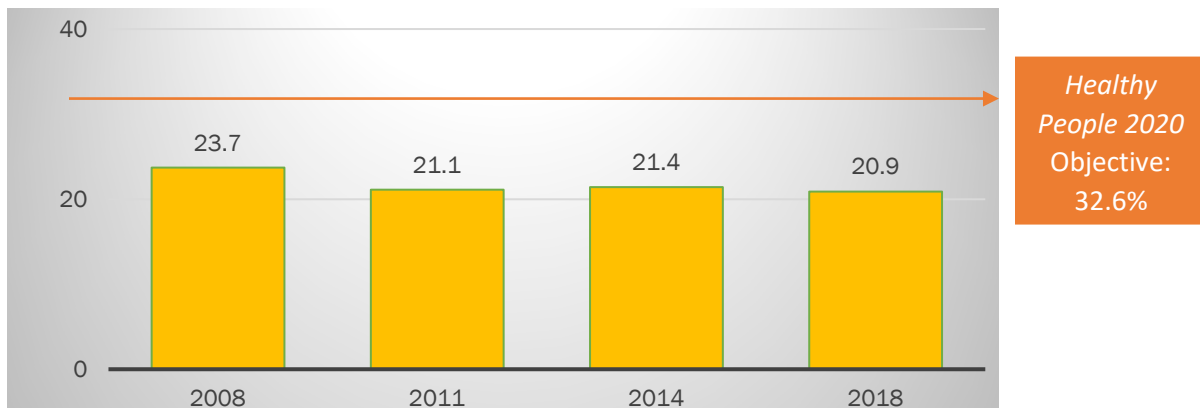
- One out of four (25.9%) Knox County adults reported they were told by a health professional they have a depressive disorder (Figure 15; Table 57).
- At 32.0%, women were more likely to report having a depressive disorder compared to men (19.3%) as seen in Table 57.
- In addition, adults with less than a high school education (47.1%) were more likely to report they were told they have a depressive disorder compared to adults with college degrees (21.0%) as seen in Table 57.

SECTION 4: CARDIOVASCULAR HEALTH

Lack of exercise

- Almost 21 percent of Knox County adults (20.9%) reported they did not participate in any form of physical activity outside of work during the past month (Figure 16; Table 59). This has met *Healthy People 2020* objective PA-1 which calls for no more than 32.6% of adults (ODPHD, 2016) reporting no leisure-time physical activity.
- Women (25.4%) reported a lack of physical activity during the past month more frequently compared to men (16.0%) (Table 59).
- More than half (54.3%) of adults with less than a high school education reported a lack of physical activity outside of work more often than those of other education levels (Table 59).

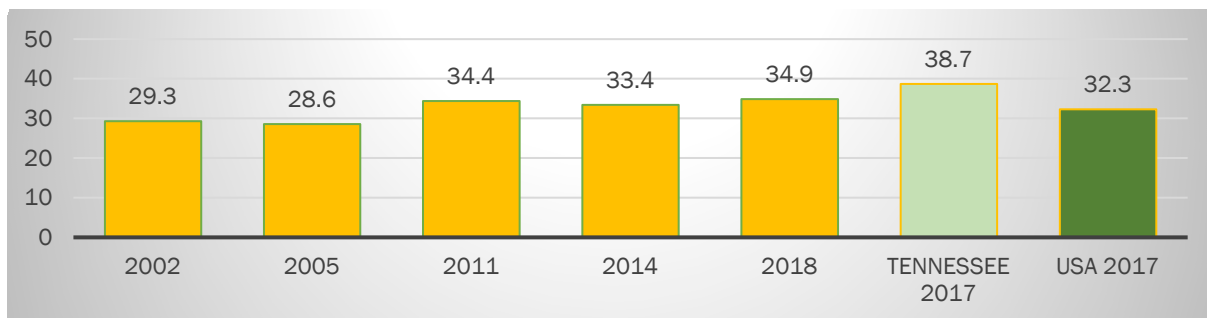
Figure 16. Prevalence estimate of Knox County adults who reported no physical activity outside of work during the past month, 2008, 2011, 2014, 2018



Hypertension

- One out of three (34.9%) Knox County adults reported they had been diagnosed with hypertension (high blood pressure). This excludes pregnancy-related hypertension, borderline hypertension or temporary forms of the condition (Figure 17; Table 60).

Figure 17: Prevalence estimate of adults who reported they had been diagnosed with hypertension (high blood pressure), Knox County 2002, 2005, 2011, 2014, 2018; Tennessee, United States, 2017*



*Most recent year available

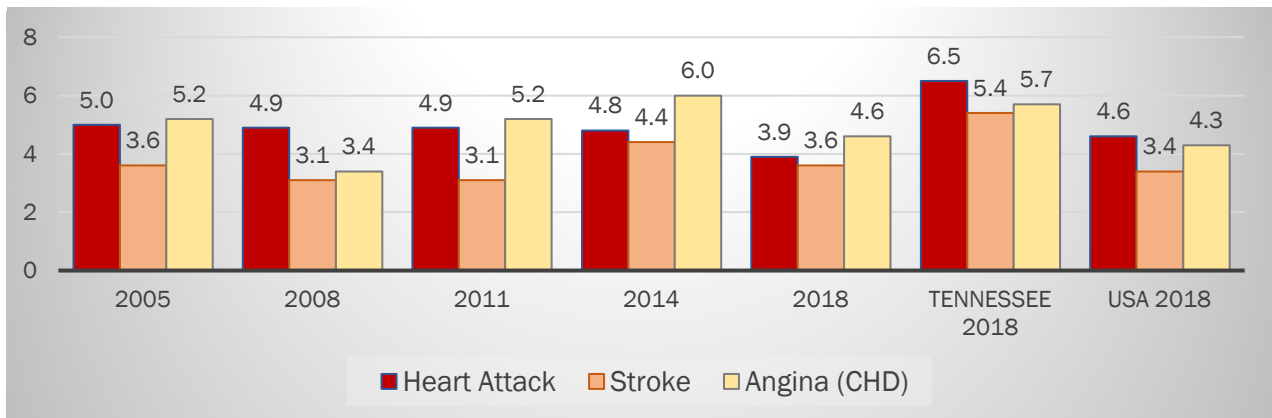
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- Knox County adults ages 55-64 (54.2%) and in the 65+ age range (65.9%) reported having been diagnosed with high blood pressure more frequently compared to all younger age groups (Table 60).
- More than one-half of retired adults (65.0%) and adults who were unable to work (66.3%) reported they had high blood pressure (Table 60).
- Almost three out of four (73.5%) Knox County adults with high blood pressure reported they were currently taking medications for their condition (Table 61).

Heart attack, angina, stroke

- In 2018, almost four percent (3.9%) of Knox County adults reported they were diagnosed with a heart attack (Figure 18; Table 62). This represents approximately 14,000 adults.
- Knox County adults with less than a high school education reported they were diagnosed with a heart attack more frequently (9.3%) compared to adults with college degrees (2.6%) (Table 62).
- Adults with annual HH incomes of less than \$15,000 (7.5%) reported having had a heart attack more frequently than adults with HH incomes greater than \$50,000 (2.4%) (Table 62).
- In 2018, 3.6% of adults reported they had been diagnosed with a stroke. This represents approximately 12,700 adults (Figure 18; Table 63).
- One out of ten (10.4%) Knox County adults ages 65+ reported they have had a stroke (Table 63).
- In 2018, 4.6% of Knox County adults reported they had been diagnosed with angina or coronary heart disease (CHD). This represents approximately 16,000 Knox County adults (Figure 18, Table 64).
- One out of seven (15.6%) Knox County residents ages 65+ reported having been diagnosed with angina or CHD (Table 64).

Figure 18. Prevalence estimate of adults who had been diagnosed with heart attack (myocardial infarction), stroke and angina (CHD), Knox County 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

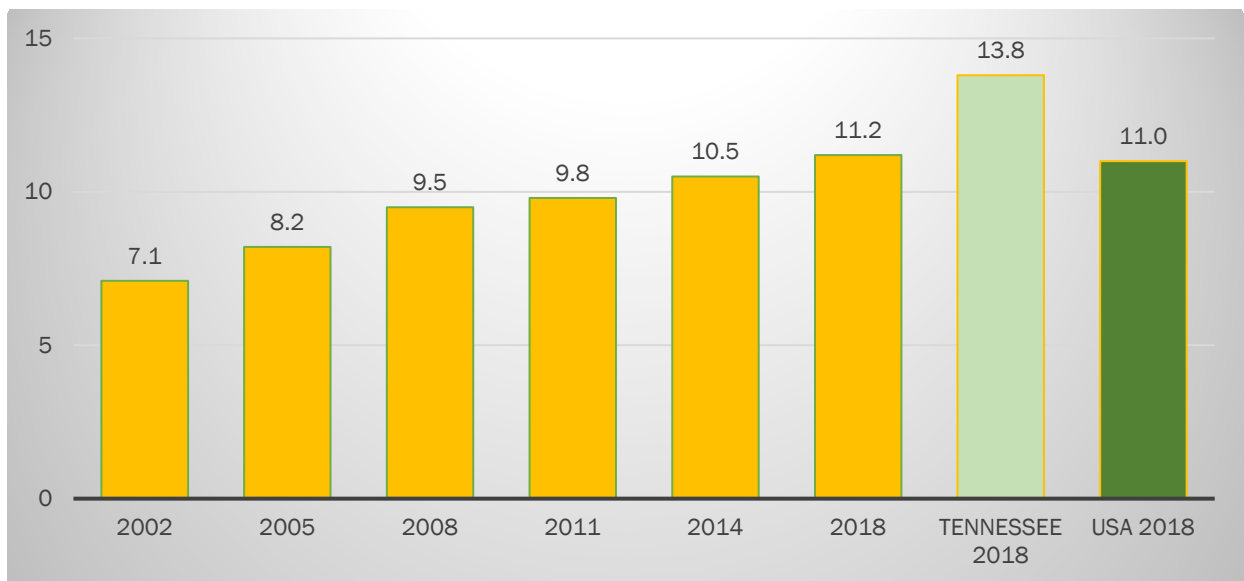


SECTION 5: DIABETES AND KIDNEY DISEASE

Diagnosed with diabetes

- Reports of diabetes diagnosed among Knox County adults have been increasing since 2002 (Figure 19). The 2002 estimate for diabetes diagnoses among adults was 7.1% which increased to 11.2% by 2018, an increase of 55%. The 11.2% estimate in 2018 represented approximately 40,000 Knox County adults (Table 65).
- The average age at diagnosis of diabetes among Knox County adults was 47.4 years in 2018 (Table 66).

Figure 19. Prevalence estimate of adults reporting they have been diagnosed with diabetes (excludes prediabetes or pregnancy-related diabetes), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



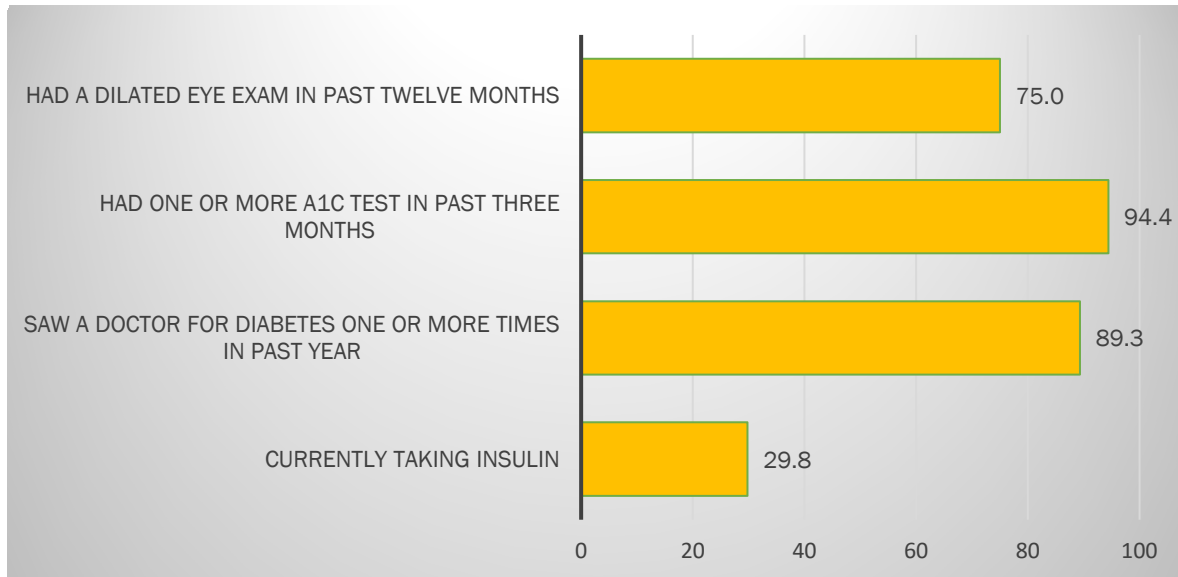
- Almost one out of six Knox County adults with diabetes (16.1%) reported they had been diagnosed with retinopathy (Table 73).

Diabetes management

- Almost one out of three (29.8%) diabetic adults in Knox County reported they use insulin to control their diabetes (Figure 20; Table 69).
- Almost nine out of ten Knox County adults with diabetes (89.3%) reported they saw a health care professional specifically for diabetes within the past year (Figure 20; Table 70).
- Nine out of ten Knox County adult diabetics (94.4%) reported they have had at least one A1C test during the past three months (Figure 20; Table 71).
- Three out of four Knox County adults with diabetes (75.0%) reported they had a dilated eye examination during the past 12 months (Figure 20; Table 72).

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**Figure 20. Diabetes management behaviors among Knox County adults with diabetes, 2018:
Prevalence estimates**



Kidney disease

- Almost five percent (4.7%) of Knox County adults reported they had been diagnosed with kidney disease (Table 74).

SECTION 6: ORAL HEALTH

Dental visits

- Seven out of ten Knox County adults (71.3%) reported they visited their dentist for any reason during the past 12 months in 2018 (Figures 21 and 22; Table 75).
- Almost eleven percent of adults (10.6%) reported they had not visited a dentist for five or more years or had never visited a dentist (Figure 21; Table 78). This represented approximately 37,500 Knox County adults.

Figure 21. Length of time since their last visit to a dentist (for any reason) among Knox County adults in 2018: Prevalence estimates

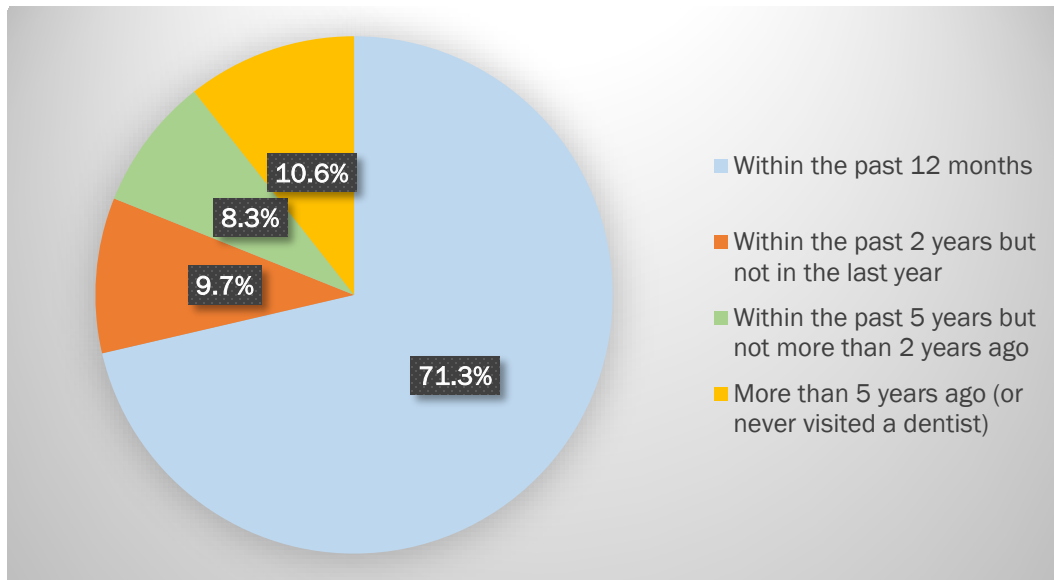
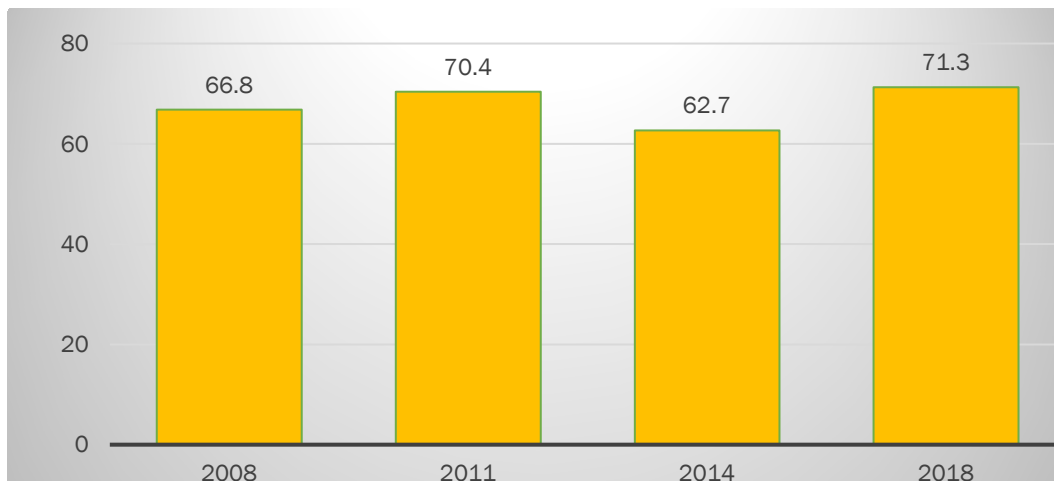


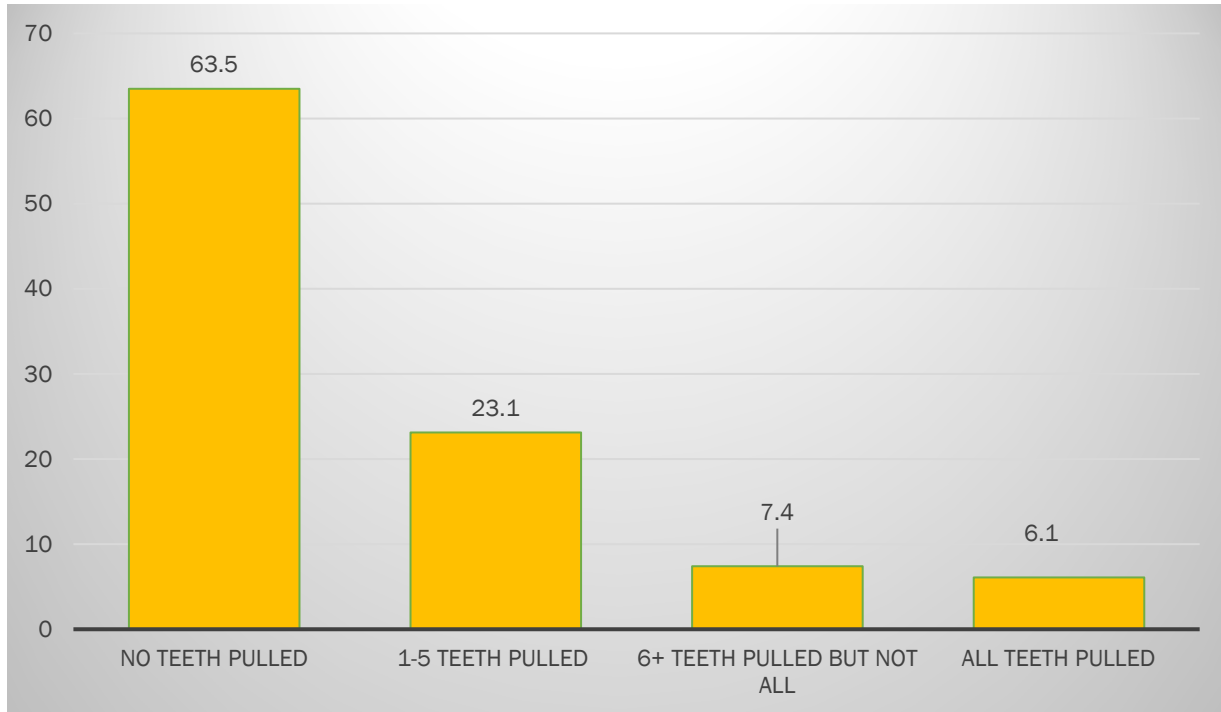
Figure 22. Prevalence estimate of Knox County adults who reported they saw a dentist for any reason during the past 12 months, 2008, 2011, 2014, 2018



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- One out of three Knox County adults (36.5%) reported they had at least some permanent teeth removed because of tooth decay or gum disease, excluding injury or orthodontics (Tables 79, 81, 82, and 83).

Figure 23. Number of permanent teeth removed due to tooth decay or gum disease among Knox County adults, 2018: Prevalence estimates

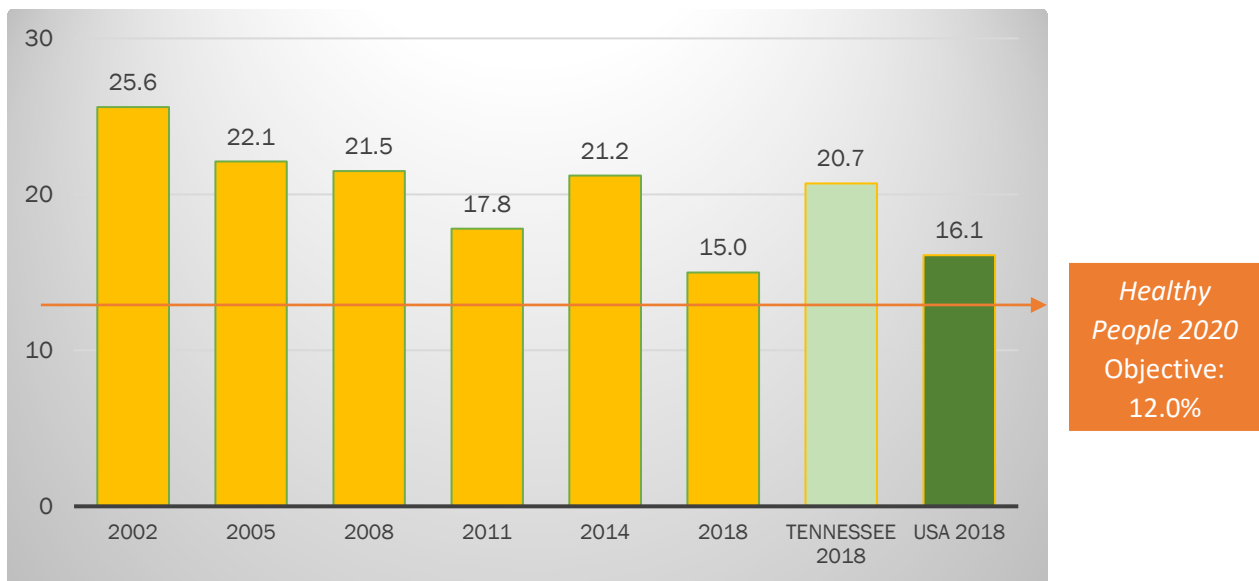


SECTION 7: TOBACCO USE

Cigarette smoking

- Fifteen percent (15.0%) of Knox County adults reported they smoke cigarettes some days or every day (current smokers) (Figure 24; Table 84). This has yet to meet *Healthy People 2020* objective TU-1.1 which calls for no more than 12.0% of adults smoking (ODPHD, 2016).
- Cigarette smoking among Knox County adults has seen a 41.4% decline from 2002 (25.6%) to 2018 (15.0%) as seen in Figure 24. At 15.0%, the 2018 estimate for Knox County adult smokers was lower than the 2018 estimate for adult smokers in Tennessee (20.7%).

Figure 24. Prevalence estimate of adults who reported they smoked 100 cigarettes during their lives and currently smoke cigarettes on some days or every day (current smokers), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Approximately one out of five Knox County adults (22.9%) reported they used to smoke but no longer do so (Table 86).
- More than one-half of Knox County adults (60.4%) who smoke reported they stopped smoking for one or more days in the past 12 months trying to quit permanently (Table 87). This has yet to meet *Healthy People 2020* objective TU4.1 which calls for an increase in cessation attempts among adult smokers in the past 12 months to 80% (ODPHD, 2016).

Smokeless tobacco use

- More than four percent (4.4%) of Knox County adults reported they use smokeless tobacco products, such as chewing tobacco, snuff or snus every day or some days (Table 88). This has yet to meet *Healthy People 2020* objective TU-1.2 which calls for no more than 0.2% of adults using these products. More men (7.4%) reported this behavior compared to women (1.6%) (Table 88).

2018 Knox County Behavioral Risk Factor Survey

E-cigarette/Electronic vapor product use

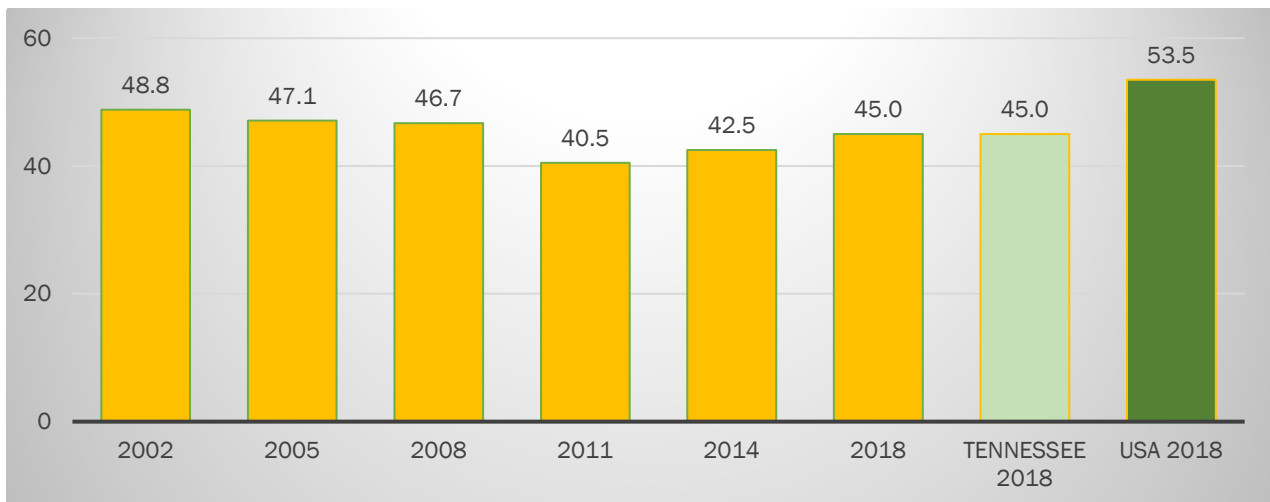
- Almost one out of four Knox County adults (23.2%) reported they have tried e-cigarettes or electronic vapor products (Table 89).
- One out of 20 Knox County adults (5.1%) reported they use e-cigarettes or electronic vapor products on some days or every day (current users) (Table 91).
- Adults with college degrees (2.3%) were less likely to report they currently use these products compared to adults with less education (Table 91).

SECTION 8: ALCOHOL AND OTHER DRUG USE

Current alcohol use

- Forty-five percent (45.0%) of Knox County adults reported they had one or more drinks of alcohol during the past 30 days (Figure 25; Table 92).
- Other race/ethnicity adults which include Hispanics of any race (29.4%) reported a lower current alcohol use compared to white (non-Hispanic) adults (46.3%) (Table 92).
- Adults with annual HH incomes of \$50,000 or greater (55.2%) reported this behavior more than adults with annual HH incomes of \$35,000 or less (Table 92).
- College graduates (53.0%) reported current alcohol use more than adults with high school degrees (29.5%) or adults with less than high school degrees (28.9%) (Table 92).

Figure 25. Prevalence estimate of adults reporting alcohol use on one or more days during the past 30 days (current use), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

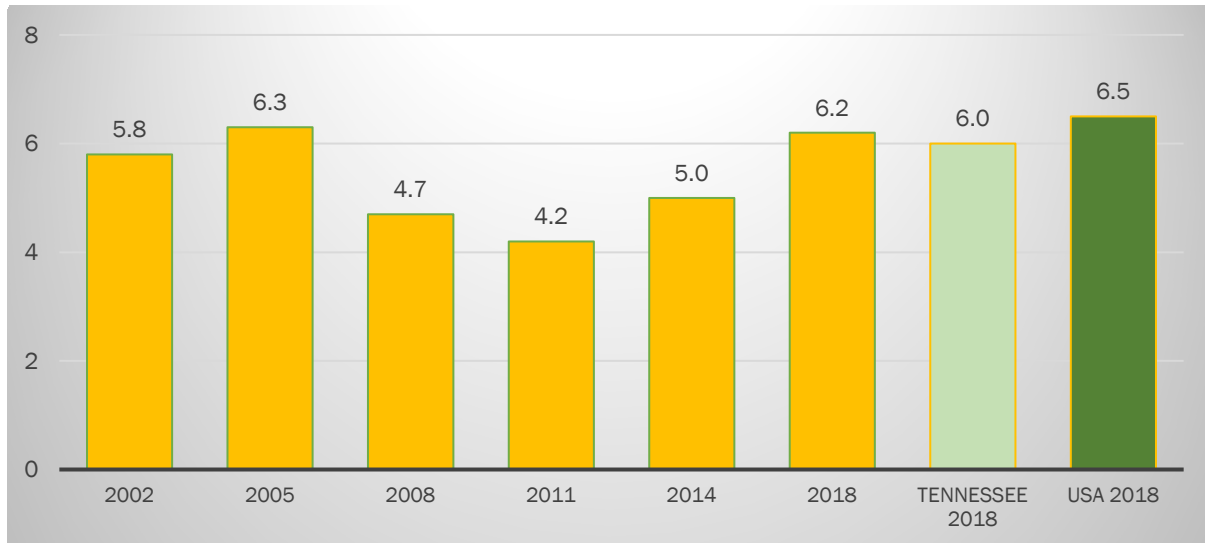


The CDC defines heavy drinking for males as averaging more than two drinks per day and females averaging more than one drink per day (CDC, 2018).

- In 2018, 6.2% of Knox County adults were defined as heavy drinkers based on the survey questions (Figure 26; Table 93).

2018 Knox County Behavioral Risk Factor Survey

Figure 26. Prevalence estimate of adults reporting heavy alcohol use, Knox County, 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

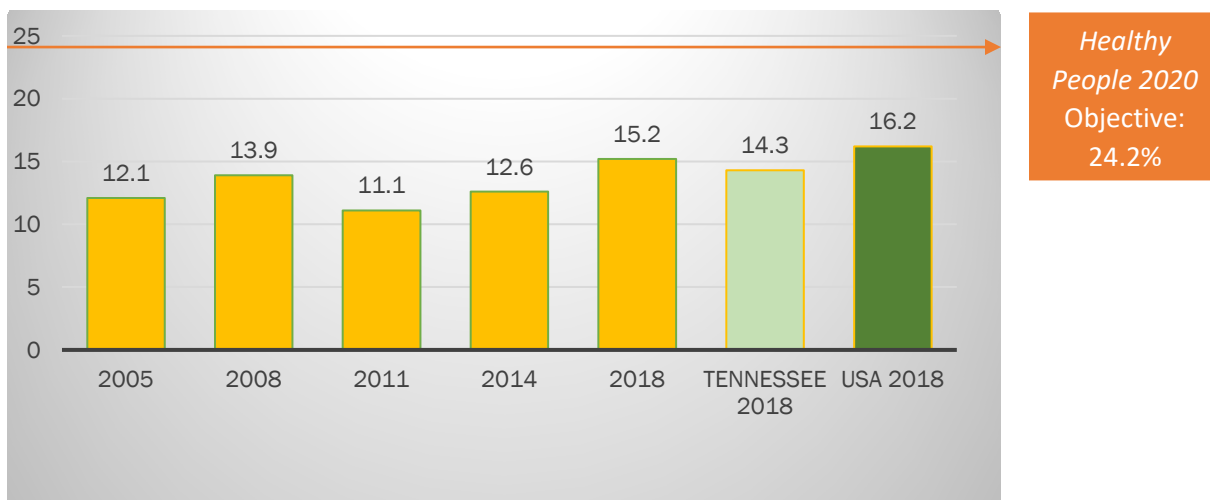


Binge drinking

Binge drinking is defined by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) as five or more drinks on one occasion for men, and four or more drinks on one occasion for women (NIAAA, 2004, Winter).

- There were 15.2% of Knox County adults engaging in binge drinking within the month prior to taking the survey (Figure 27; Table 94).
- At 15.2%, Knox County met *Healthy People 2020* objective SA-14.3 which calls for no more than 24.2% of adults reporting binge drinking (ODPHD, 2016).
- Men (18.8%) were more likely to report binge drinking compared to women (11.8%) (Table 94).

Figure 27. Prevalence estimate of adults reporting binge drinking one or more times during the past 30 days, Knox County 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

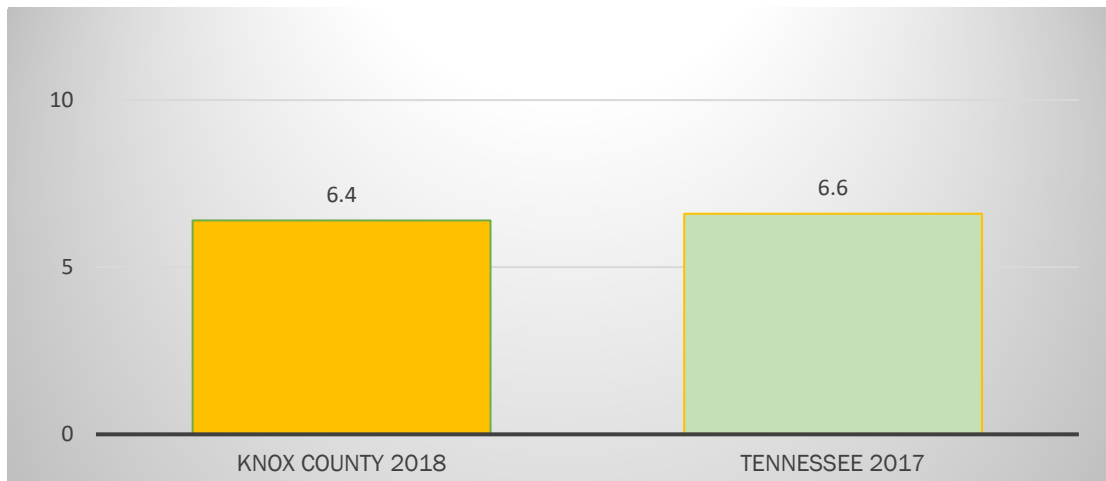


2018 Knox County Behavioral Risk Factor Survey

Marijuana use

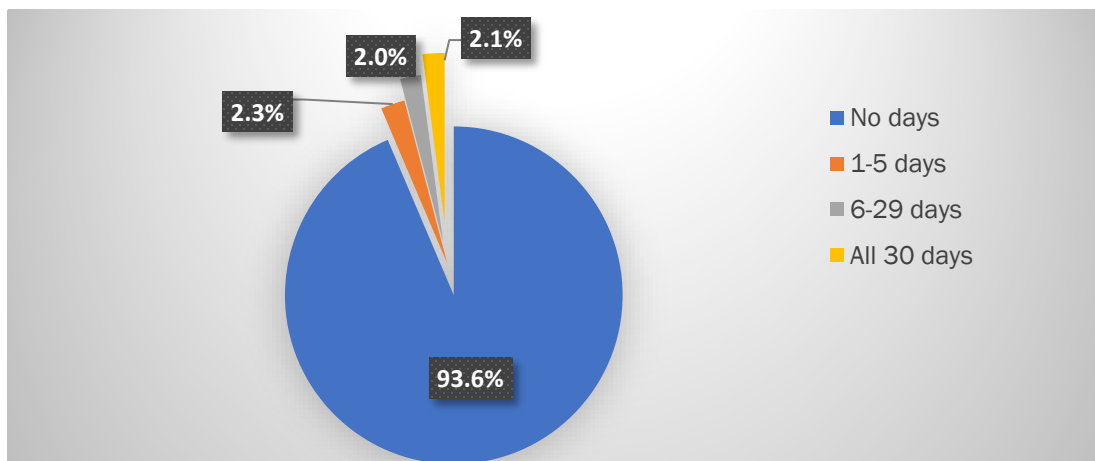
- Among Knox County adults, 6.4% reported they used marijuana on one or more days during the past 30 days (Figure 28; Table 95). The 2017 estimate for Tennessee was 6.6% (TDOH, 2019, August 29).

Figure 28. Adults reporting one or more days of marijuana use during the past 30 days (current use), Knox County 2018; Tennessee, 2017: Prevalence estimates



- Most Knox County adults (93.6%) reported they did not use marijuana during the past 30 days (Figure 29).
- Slightly more than two percent of Knox County adults (2.3%) used marijuana on 1-5 days during the past 30 days, 2.0% used marijuana from 6-29 days during the past 30 days, and 2.1% used marijuana for all 30 of the past 30 days (Table 96).

Figure 29. Responses to the question “During the past 30 days, on how many days did you use marijuana or cannabis?” among Knox County adults in 2018



2018 Knox County Behavioral Risk Factor Survey

- Among Knox County adults who reported current marijuana use, 45.5% cited it was for both medical and non-medical reasons; 28.1% cited non-medical reasons while 26.4% cited it was for medical reasons (Table 98).

Current prescription pain medicine abuse

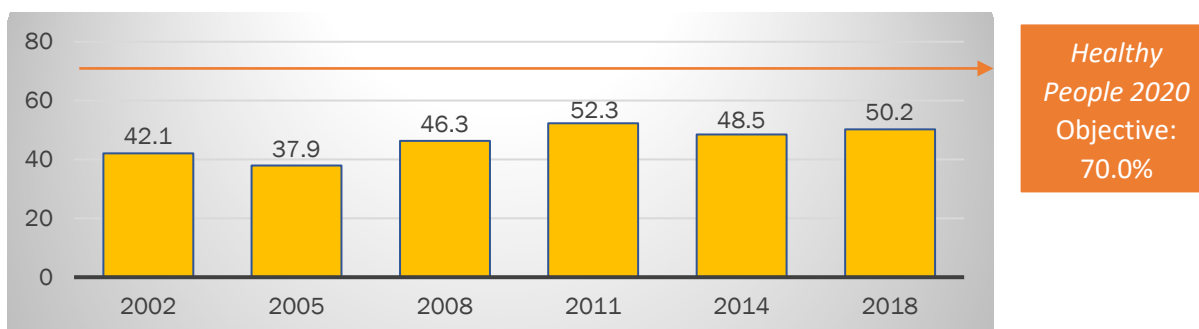
- Less than one percent of Knox County adults (0.8%) reported they took a prescription medication (such as codeine, Vicodin, Oxycontin, Hydrocodone or Percocet) without a health care provider's prescription one or more times during the past 30 days (Table 99).

SECTION 9: IMMUNIZATIONS

Influenza

- One-half of Knox County adults (50.2%) reported they received an influenza vaccine within the past 12 months in 2018 (Figure 30; Table 100). This has not yet met *Healthy People 2020* objective IID-12.12 which calls for 70.0% of all adults (18+) receiving an annual flu vaccination.
- More non-Hispanic white adults (51.8%) compared to non-Hispanic African American adults (37.2%) reported they received influenza immunizations during the past year (Table 100).

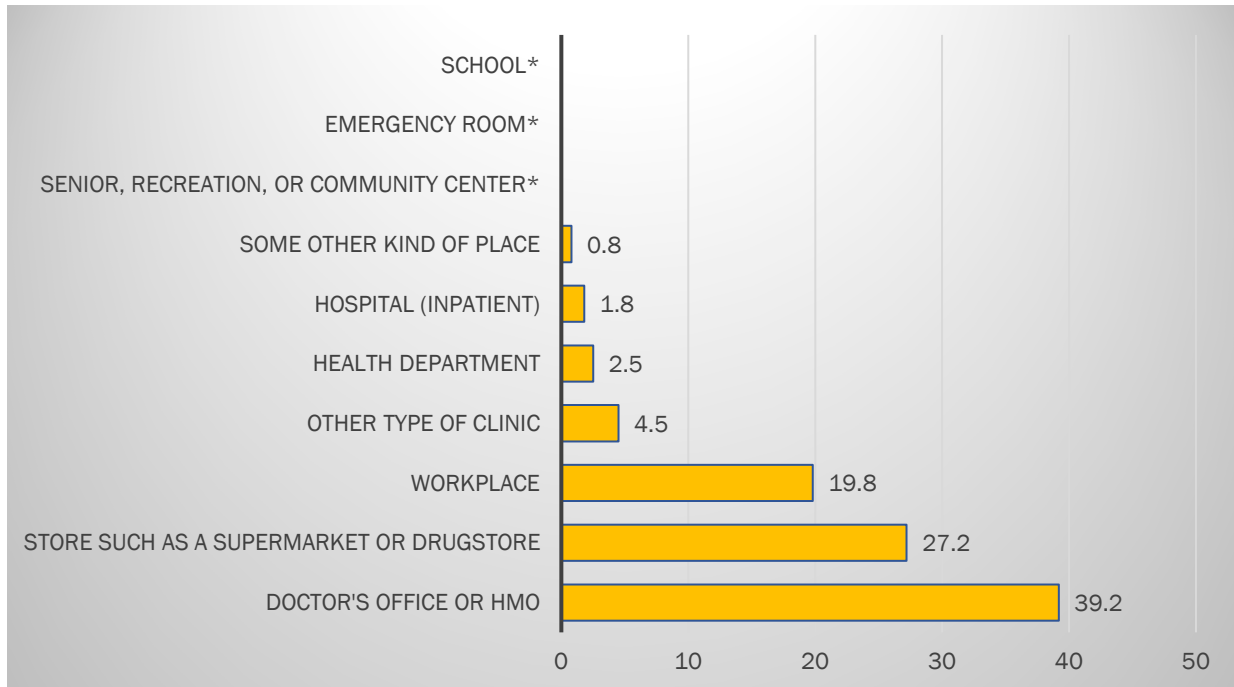
Figure 30. Prevalence estimate of Knox County adults reporting they had an influenza shot/immunization within the past 12 months, 2002, 2005, 2008, 2011, 2014, 2018



- The top three places adults reported they received their influenza immunizations 12 months before the survey were: 1. Doctor/health maintenance organization (HMO) offices (39.2%); 2. Stores like supermarkets or drugstores (27.2%); and 3. The workplace (19.8%) (Figure 31; Table 101).

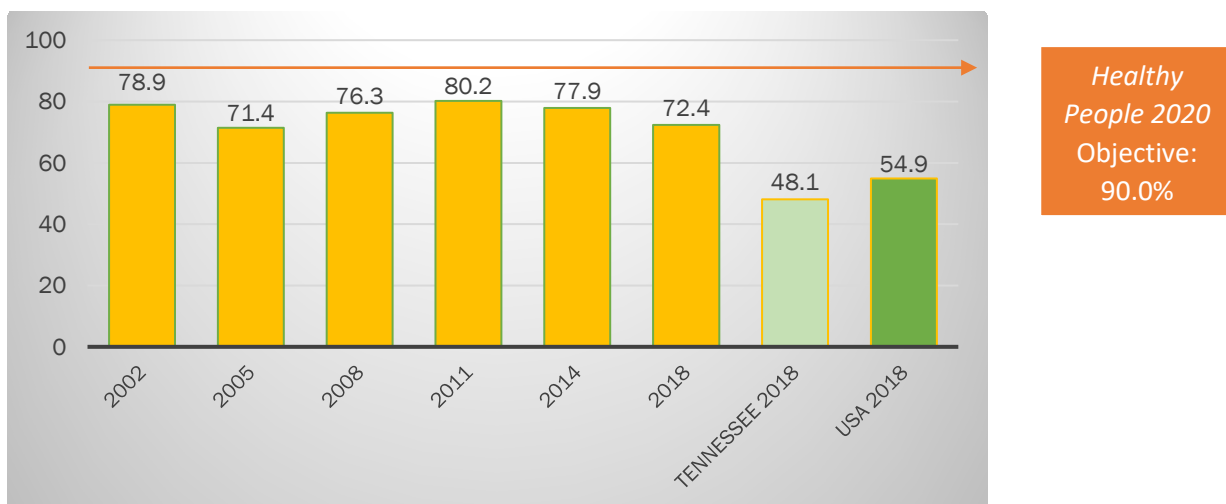
2018 Knox County Behavioral Risk Factor Survey

Figure 31. Among Knox County adults who had an influenza shot/immunization 12 months before the survey, the location where they received the immunization, 2018: Prevalence estimates



*Too unreliable to report due to low responses.

Figure 32. Prevalence estimate of senior adults (ages 65+) who reported they had an influenza shot/immunization during the past 12 months, Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

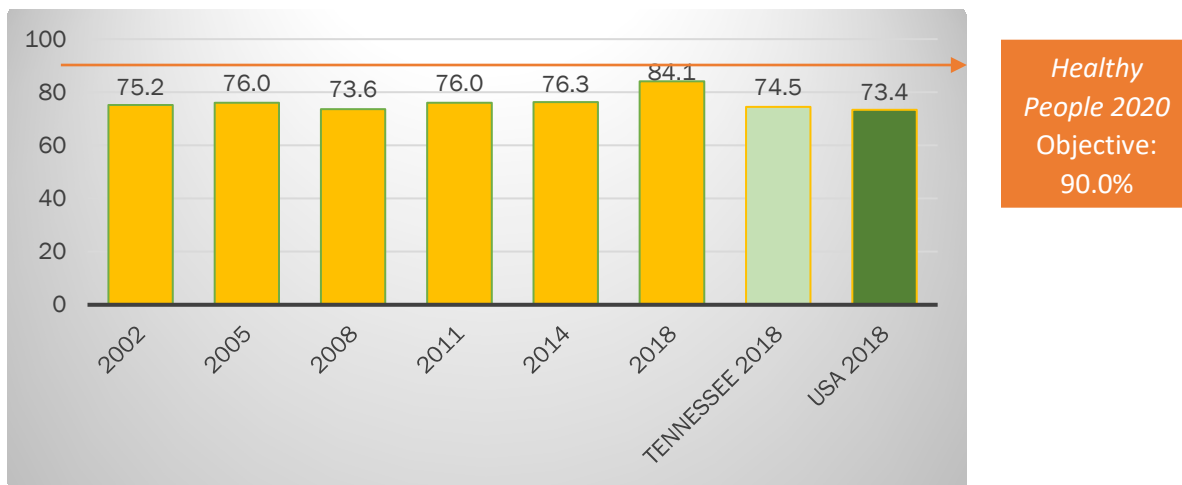


2018 Knox County Behavioral Risk Factor Survey

- Seven out of ten (72.4%) Knox County adults ages 65+ reported they had an influenza vaccination 12 months prior to the survey (Figure 32; Table 102). Senior adults in Knox County (ages 65+) have not yet met *Healthy People 2020* objective IID-12.7 which calls for 90.0% of all 65+ adults receiving an annual influenza vaccination
- The 2018 Knox County estimate for this behavior (72.4%) was greater than the 2018 estimate for Tennessee (48.1%) (Figure 32).

Pneumococcal pneumonia

Figure 33. Prevalence estimate of senior adults (ages 65+) who reported they ever had a pneumococcal shot, Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States 2018



- In 2018, more than four out of five (84.1%) Knox County adults ages 65+ reported they have had a pneumococcal (pneumonia) vaccination (Figure 33; Table 103).
- *Healthy People 2020* objective IID-13.1, which calls for an increase of adults ages 65+ reporting they had a pneumococcal vaccine to 90.0%, was not met in Knox County in 2018 (ODPHP, 2016).
- More adults ages 65+ reported they received pneumococcal pneumonia shots in Knox County (84.1%) compared to adults ages 65+ in Tennessee (74.5%) (Figure 33).

Human papillomavirus (HPV)

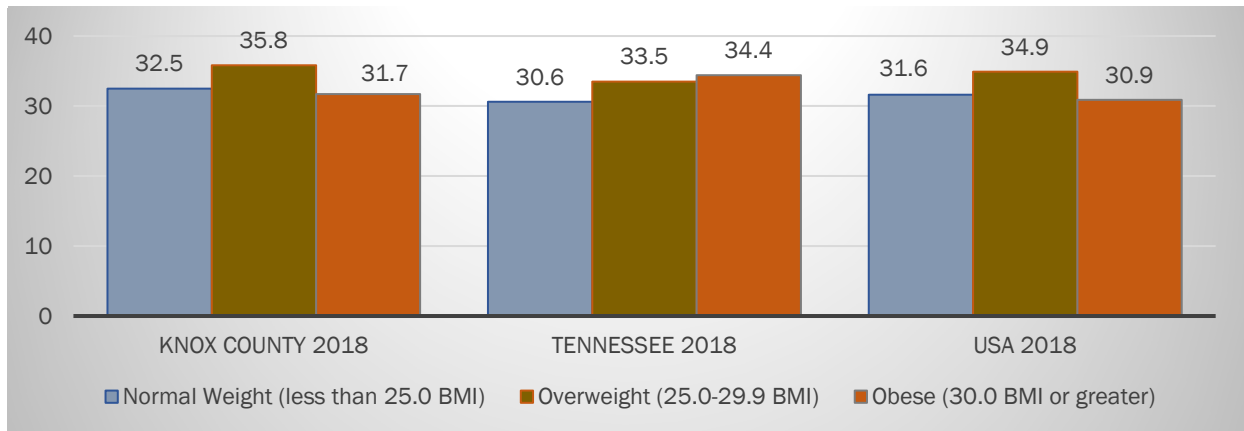
- One out of five (21.3%) Knox County adults ages 18-49 reported that they had a HPV vaccination (approximately 41,000 adults) (Table 104). Among those adults who had the vaccination, 84.7% reported they had two or more doses (Table 105).⁴

⁴ HPV vaccine dosage recommendations vary according to the patient's age. The current recommendations are that boys and girls ages 9-14 receive two doses. Teens and young adults ages 15-26 are required to have three doses of the vaccine (vaccine.gov).

SECTION 10: BODY MASS INDEX

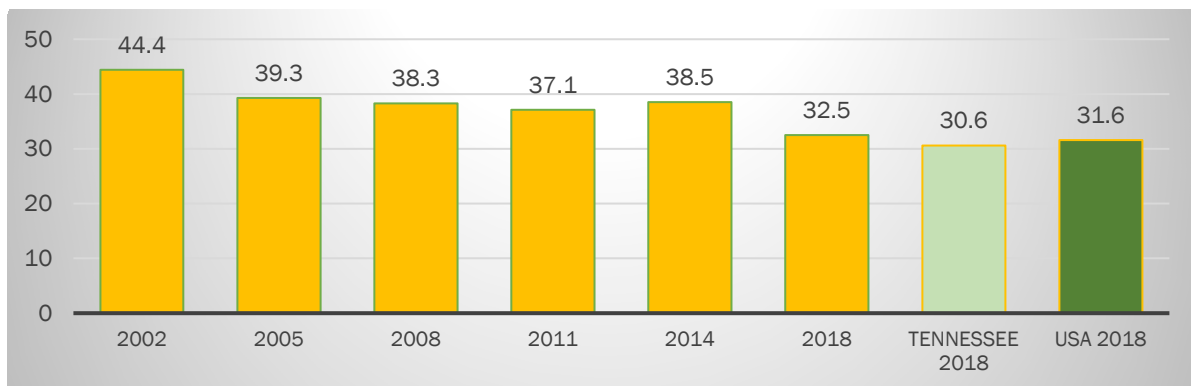
The body mass index (BMI) reported in the Behavioral Risk Factor Survey is based on self-reported height and weight and may not be as accurate compared to other methods that use actual measurements (CDC, 2019).

Figure 34. Body mass index (BMI) classes among adults, Knox County, Tennessee, United States, 2018: Prevalence estimates



- Almost one out of three Knox County adults (32.5%) were within a healthy weight range (less than 25.0 BMI) based on self-reported height and weight in 2018 (Figures 34 and 35).

Figure 35. Prevalence estimate of adults who were at healthy weight (neither overweight nor obese), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Among adults, there were more women (39.1%) at self-reported healthy weight compared to men (25.5%) (Table 106).
- There were more adults ages 18-24 (46.7%) at a healthy weight compared to all other age groups (Table 106).
- As seen in Table 107, more than one out of three Knox County adults (35.8%) were overweight (25.0-29.9 BMI). More men (42.6%) were in this weight class compared to women (29.3%) (Table 107).

2018 Knox County Behavioral Risk Factor Survey

- *Healthy People 2020* objective NWS-8 calls for an increase of adults ages 20+ at a healthy weight (less than 25.0 BMI) to 33.9%. In 2018, 31.9% of Knox County adults were at healthy weight. This objective was close to being met. The 2018 healthy weight estimate for adults ages 20+ was not included in the tables of this report.

Figure 36. Prevalence estimate of adults who were either overweight or obese (25.0 BMI or greater), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

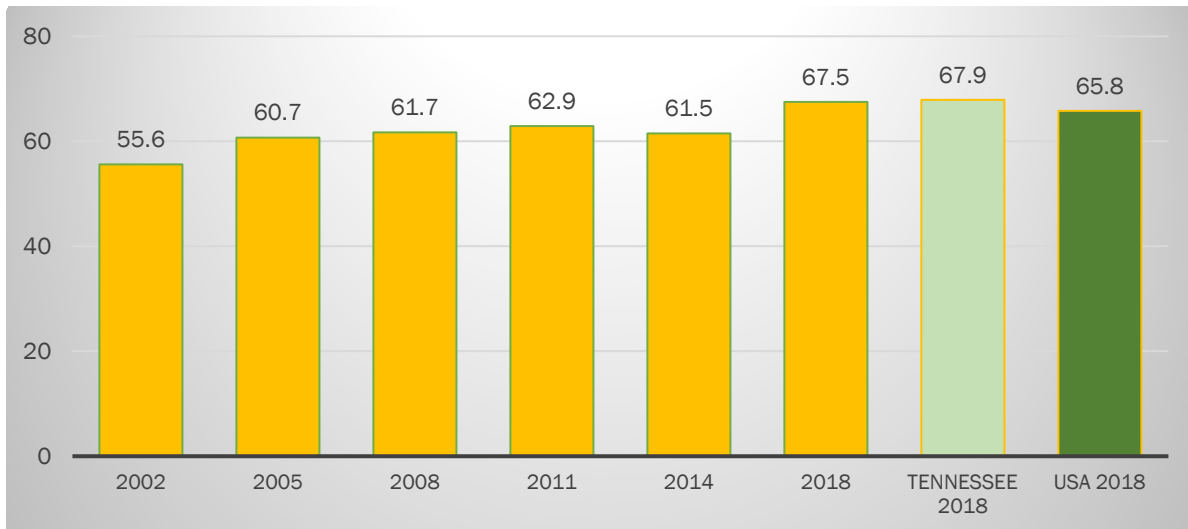
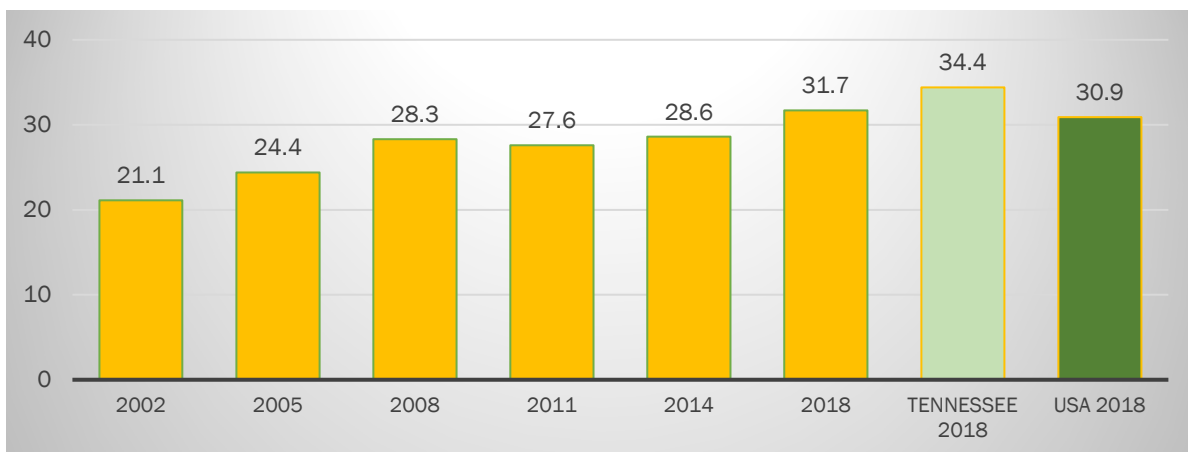


Figure 37. Prevalence estimate of obese adults (30.0 BMI or greater), Knox County 2002, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Almost one out of three Knox County adults (31.7%) were obese (30.0 BMI or greater) (Figure 34 and Figure 37; Table 108). There has been a 50.2% increase in obese adults in Knox County during the 17-year span between 2002 (21.1%) and 2018 (31.7%) (Figure 37).

2018 Knox County Behavioral Risk Factor Survey

- *Healthy People 2020* objective NWS-9 calls for a decrease in obesity among adults ages 20+ to 30.5%. At 32.4% in 2018, this objective was close to being met by Knox County adults ages 20+.⁵

SECTION 11: UNINTENTIONAL INJURIES

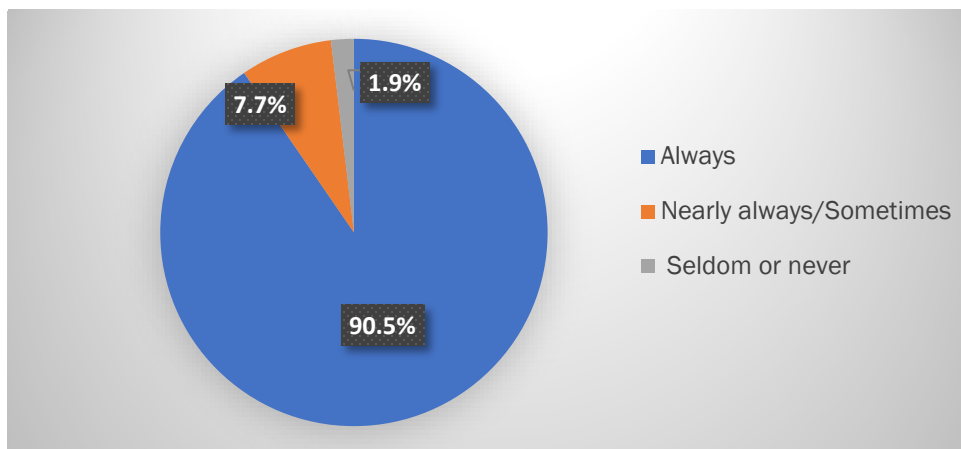
Falls

- One out of four Knox County adults ages 45+ (25.6%) reported they fell one or more times during the past 12 months (Table 110).
- Almost thirty percent (29.5%) of adults ages 65+ in Knox County reported they fell one or more times during the past 12 months (Table 111).
- Among adults ages 65+ who fell in the past year, 40.4% reported an injury from the fall that limited their regular activities for at least one day (Table 112).

Seatbelt use

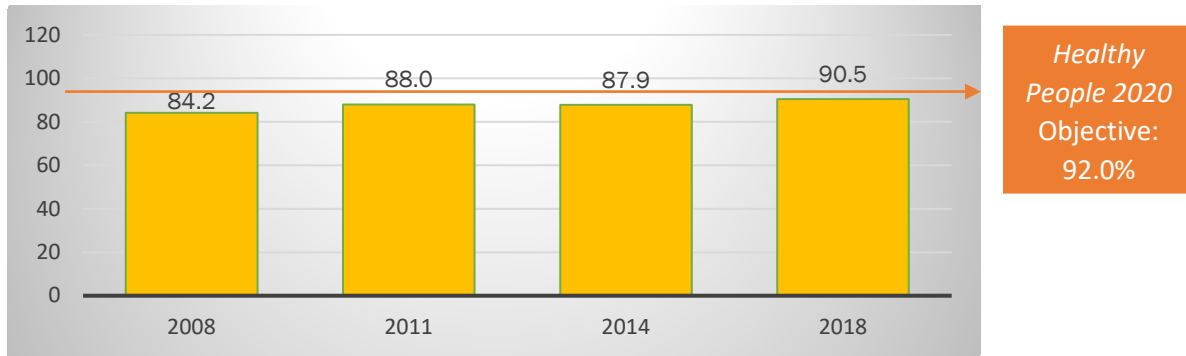
- Nine out of ten Knox County adults (90.5%) reported they always wear a seatbelt when they are driving or riding in a car (Figure 38; Table 113).
- Almost two percent of Knox County adults (1.9%) reported they seldom or never wear their seatbelts when driving (Figure 38; Table 115). This represents approximately 6,600 adults.
- *Healthy People 2020* objective IVP-15, which calls for an increase to 92.0% of motor vehicle drivers and right-front passengers using safety belts by 2020, was almost met among Knox County adults in 2018 (ODPHD, 2016) as seen in Figure 39.

Figure 38. Status of self-reported seatbelt use among Knox County adults in 2018 Prevalence estimates



⁵ This estimate for adults ages 20+ was not included in the tables of this report.

Figure 39. Prevalence estimate of Knox County adults who reported they always wear their seatbelts when they ride or drive in a car, 2008, 2011, 2014, 2018



Drinking and driving

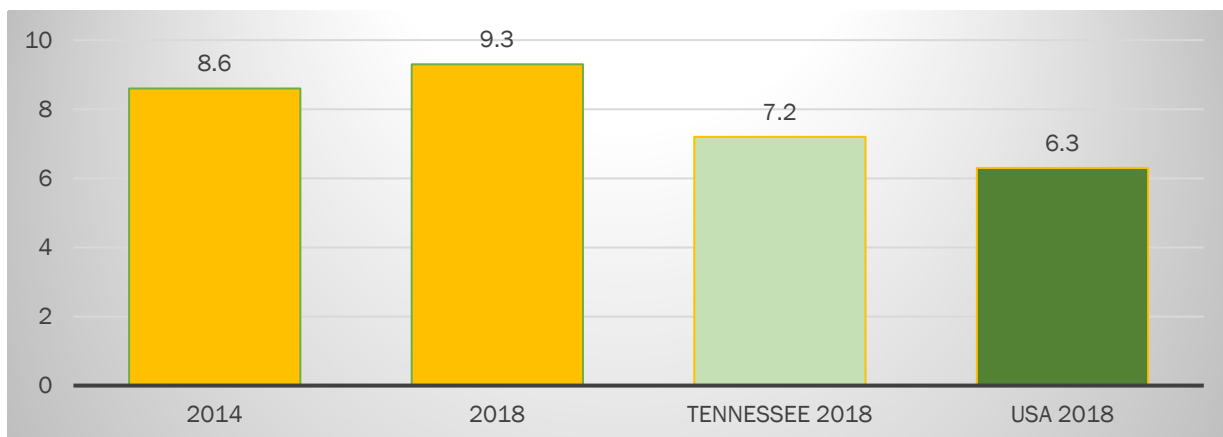
- Among Knox County adults who currently drink alcohol, 3.5% reported that they drove a car during the past 30 days after having too much to drink one or more times (Table 116).

SECTION 12: CANCER

Skin cancer

- More than nine percent of Knox County adults (9.3%) reported they were diagnosed with skin cancer (Figure 40; Table 117). The 2018 Knox County estimate of 9.3% was greater than the 2018 estimate for Tennessee of 7.2% (Figure 40).
- Retired adults (25.6%) and adults ages 65+ (26.7%) reported greater estimates for this skin cancer diagnoses compared to other groups (Table 117).

Figure 40. Prevalence estimate of adults who reported they were told they had skin cancer, Knox County 2014, 2018; Tennessee, United States, 2018

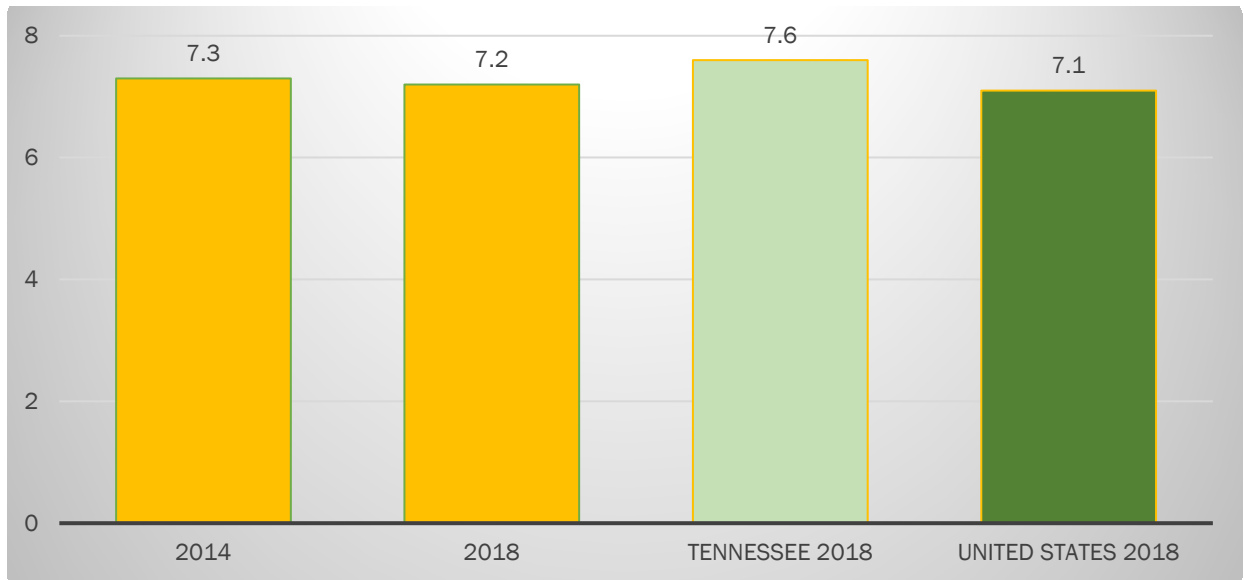


2018 Knox County Behavioral Risk Factor Survey

Other forms of cancer

- Approximately seven percent of Knox County adults (7.2%) reported they were told by a health professional that they had a cancer other than skin cancer (Figure 41; Table 118).

Figure 41. Prevalence estimate of adults who reported they were told they had a cancer other than skin cancer, Knox County 2014, 2018; Tennessee, United States, 2018

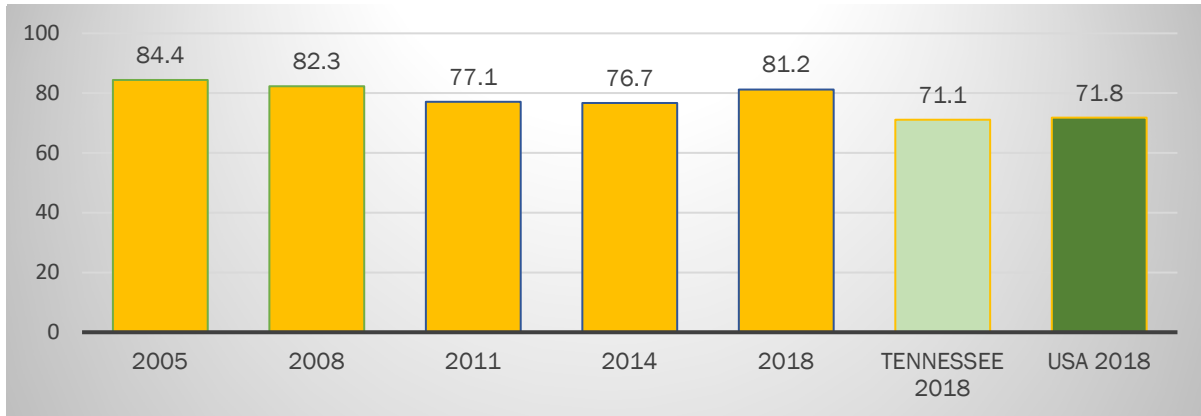


SECTION 13: WOMEN'S HEALTH

Breast cancer screening

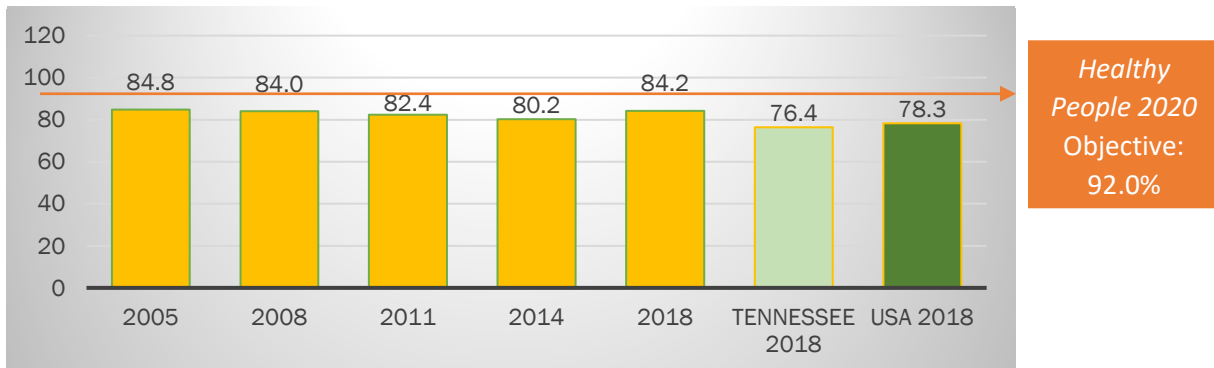
- Four out of five Knox County women aged 40 years or older (81.2%) reported that they had a mammogram screening during the past two years (Figure 42; Table 119).

Figure 42. Prevalence estimate of women ages 40+ who reported they had a mammogram during the past two years, Knox County 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Roughly four out of five Knox County women ages 50-74 (84.2%) reported that they had a mammogram screening during the past two years (Figure 43; Table 120). This met *Healthy People 2020* objective C-17 which calls for an increase in breast cancer screenings during the past two years to 81.1% among women ages 50-74 (ODPHD, 2016).
- More women ages 50-74 in Knox County in 2018 (84.2%) reported a breast cancer screening compared to women of the same age group in Tennessee in 2018 (76.4%) (Figure 43).

Figure 43. Prevalence estimate of women ages 50-74 who reported they had a mammogram during the past two years, Knox County, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018

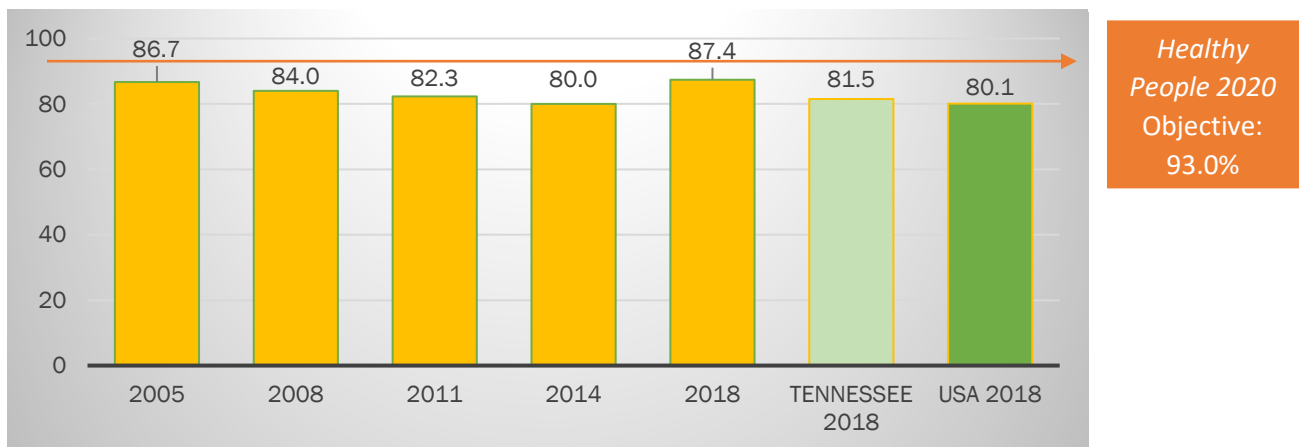


2018 Knox County Behavioral Risk Factor Survey

Cervical cancer screening

- In 2018, 87.4% of Knox County women ages 21-65 reported they received a Pap test (cervical cancer screening) during the past three years (Figure 44; Table 121). This has not yet met *Healthy People 2020* objective C-15 which calls for 93.0% of women in this age group having had a cervical cancer screening during the past three years (ODPHD, 2016).

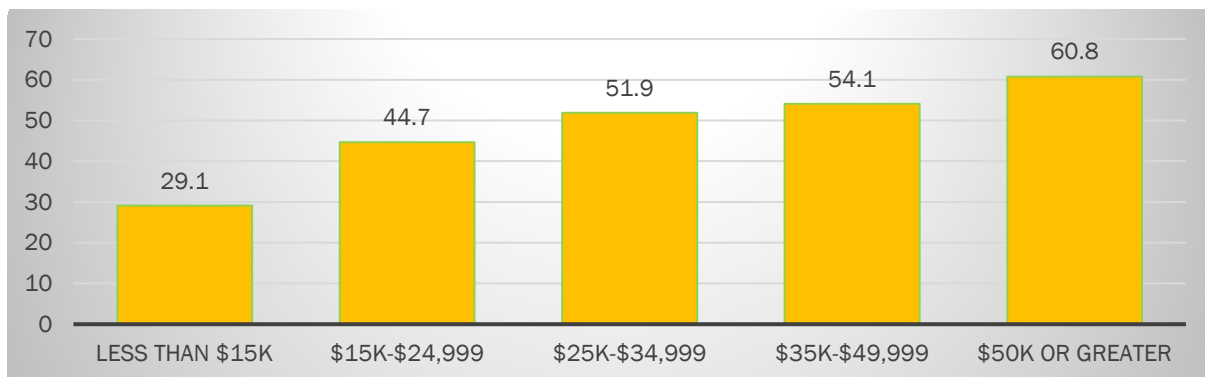
Figure 44. Prevalence estimate of Knox County women ages 21-65 who reported they had a Pap test during the past 3 years, 2005, 2008, 2011, 2014, 2018; Tennessee, United States 2018



Human papillomavirus (HPV) screening

- In 2018, one-half of all Knox County women (50.3%) reported they have had an HPV test (Table 122).
- Women with annual HH incomes of less than \$15,000 (29.1%) were less likely to report ever having this test compared to women with annual HH incomes of \$50,000 or greater (60.8%) (Figure 45; Table 122).

Figure 45. Prevalence estimate of Knox County women who reported they had a human papillomavirus (HPV) test, 2018



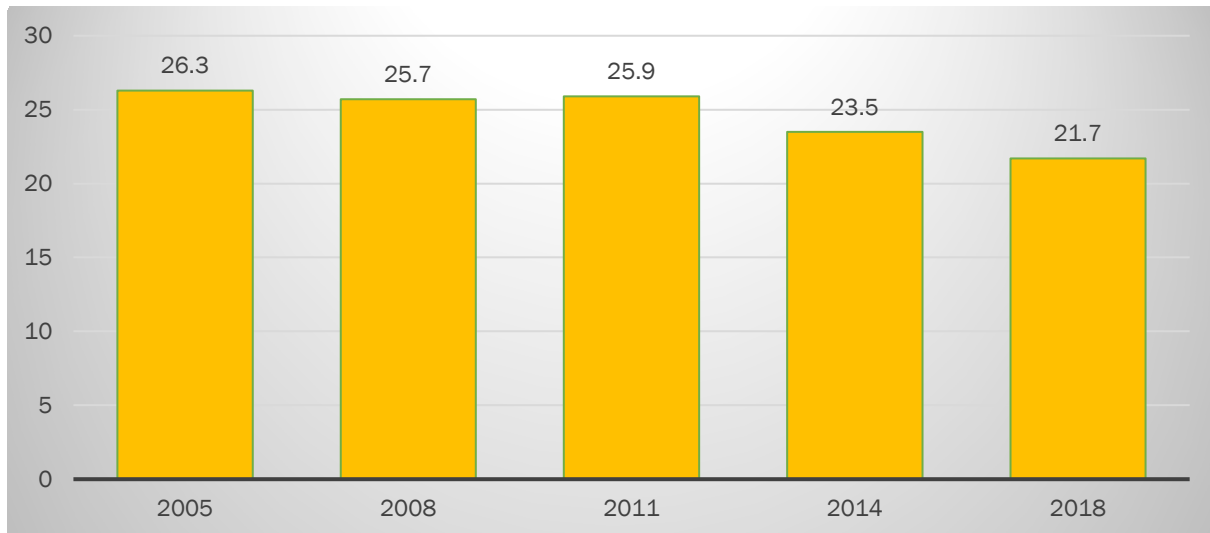
- One-half of Knox County women ages 21-65 (51.6%) reported they had an HPV test during the past three years (Table 123).

2018 Knox County Behavioral Risk Factor Survey

Hysterectomy

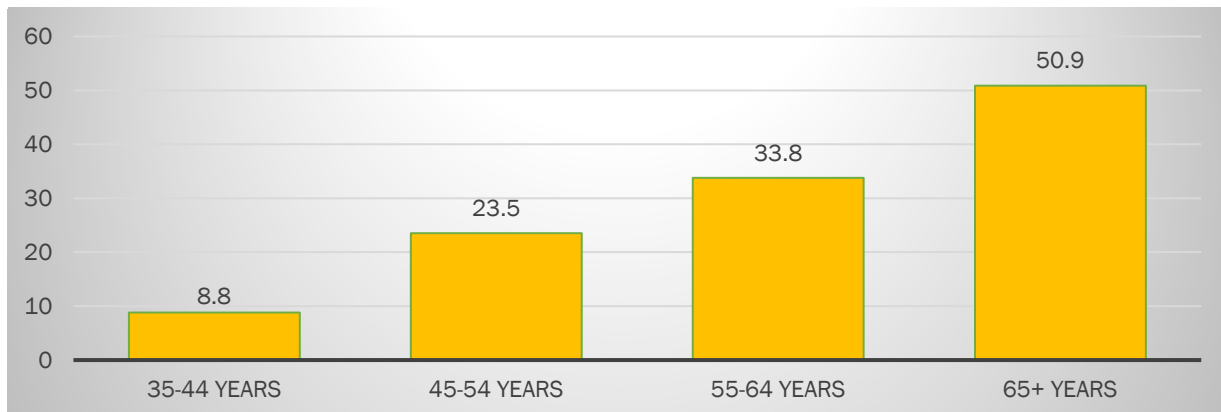
- One out of five Knox County women (21.7%) reported they had a hysterectomy (Figure 46; Table 124). Women with less than a high school education (33.6%) reported having this procedure more than women with college degrees (15.6%) (Table 124).

Figure 46. Prevalence estimate of Knox County women who reported they had a hysterectomy, 2005, 2008, 2011, 2014, 2018



The prevalence of hysterectomies increases with age (Figure 47).

Figure 47. Prevalence estimate of Knox County women ages 35+ who reported they had a hysterectomy by age groups, 2018*



*There were too few responses from women ages 34 years or younger to report for this variable.

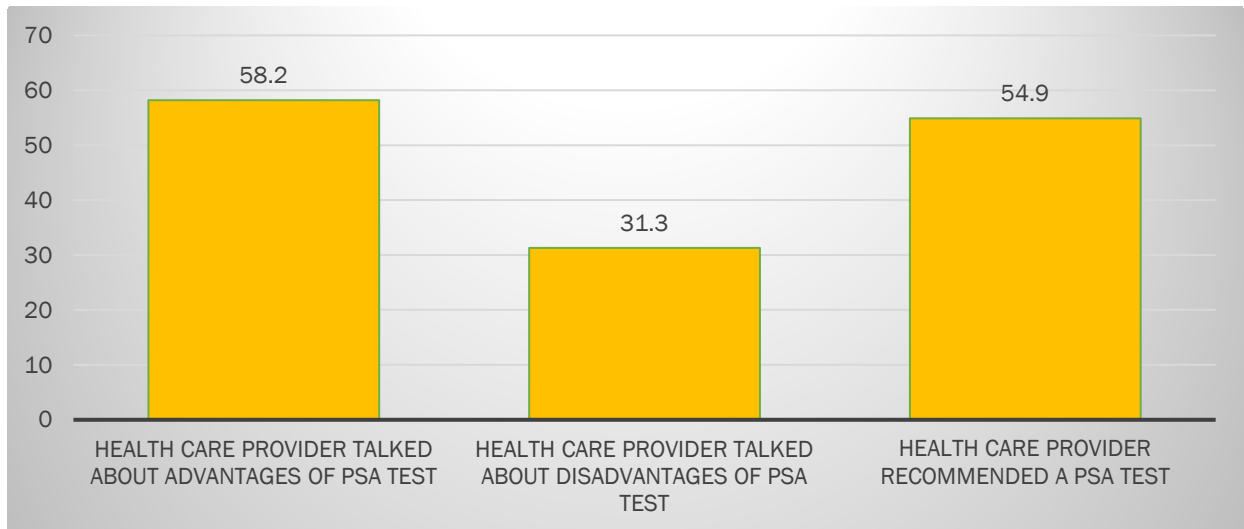
SECTION 14: MEN'S HEALTH

Prostate-specific antigen (PSA) test for prostate cancer

A PSA test is a blood test which checks for prostate cancer by measuring an enzyme called prostate-specific antigen produced by the prostate (CDC, 2019).⁶

- As seen in Table 125 and Figure 48, more than one-half of Knox County men ages 40+ (58.2%) reported that their health care provider had discussed the advantages of a PSA test with them, and almost one-third reported their provider discussed the disadvantages of the test (31.3%) (Figure 48; Table 126).
- More than one-half of Knox County men ages 40+ (54.9%) reported that their health care provider recommended they have a PSA test (Figure 48; Table 127).

Figure 48. Advice and recommendations on PSA tests from health care providers to Knox County men ages 40+ in 2018: Prevalence estimates



- In 2018, more than one-half of men (53.9%) reported they had a PSA test (Figure 48; Table 128).

⁶ High levels of PSA may indicate cancer, but enlarged prostates, prostate infections, and certain medications may also result in high PSA levels (CDC, 2019, July 31); false positives such as these may lead to unnecessary worry and further tests such as biopsies which may not be needed.

2018 Knox County Behavioral Risk Factor Survey

Figure 49. Percent of Knox County men ages 40+ reporting they had a PSA test, 2005, 2008, 2011, 2014, 2018

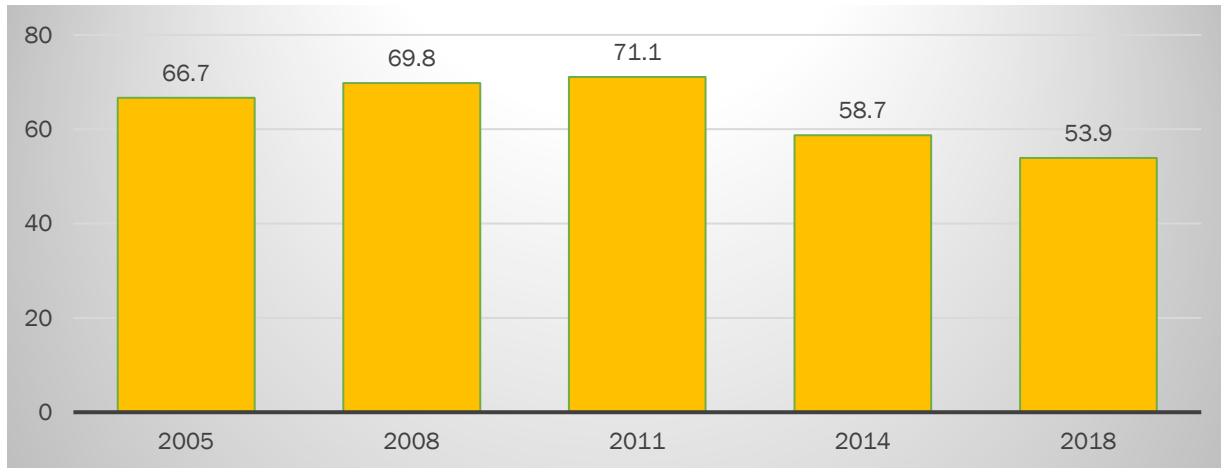
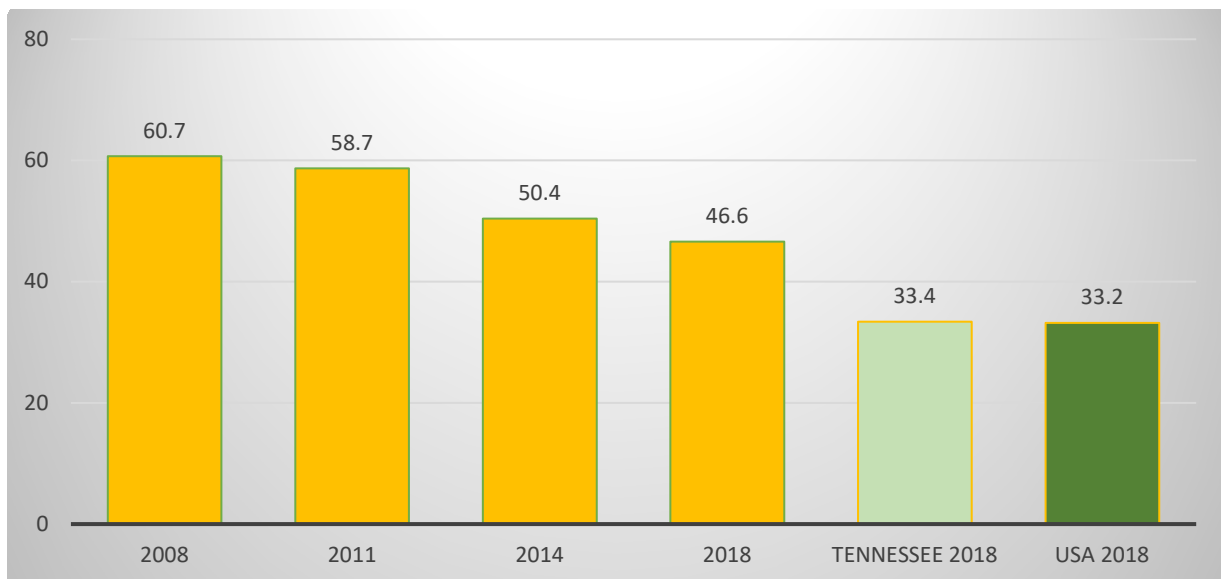


Figure 50. Percent of men ages 40+ reporting they had a PSA test during the past two years, Knox County 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Almost one-half of Knox County men ages 40+ (46.6%) reported they had a PSA test during the past two years in 2018 (Figure 50; Table 129). This behavior has seen a reduction of 23.2% in the 11-year span between 2008 (60.7%) and 2018 (46.6%).
- In 2018, more Knox County men ages 40+ (46.6%) reported they had a PSA test during the past two years compared to men ages 40+ in Tennessee (33.4%), as seen in Figure 50.

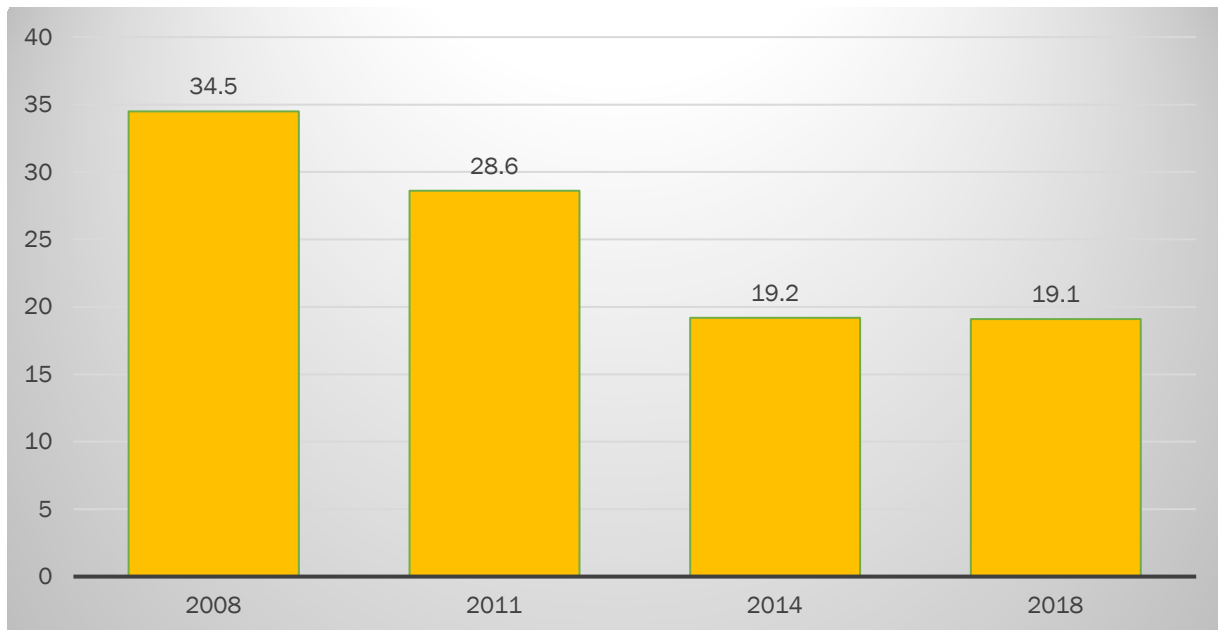
SECTION 15: COLORECTAL CANCER SCREENINGS

Home blood stool tests

A home blood stool test checks for hidden blood in your stool (feces). In some cases (not always), this may result from the presence of cancer in the colon or rectum (USPS Task Force, 2016, June).

- In 2018, 19.1% of Knox County adults ages 50+ reported they used a home blood stool test during the past two years (Figure 51; Table 132). As seen in Figure 51, this behavior among Knox County adults has seen a 44.6% reduction in the ten-year span from 2008 (34.5%) to 2018 (19.1%).

Figure 51. Knox County adults ages 50+ who reported they used a home blood stool kit to test for colorectal cancer during the past two years, 2008, 2011, 2014, 2018: Prevalence estimates

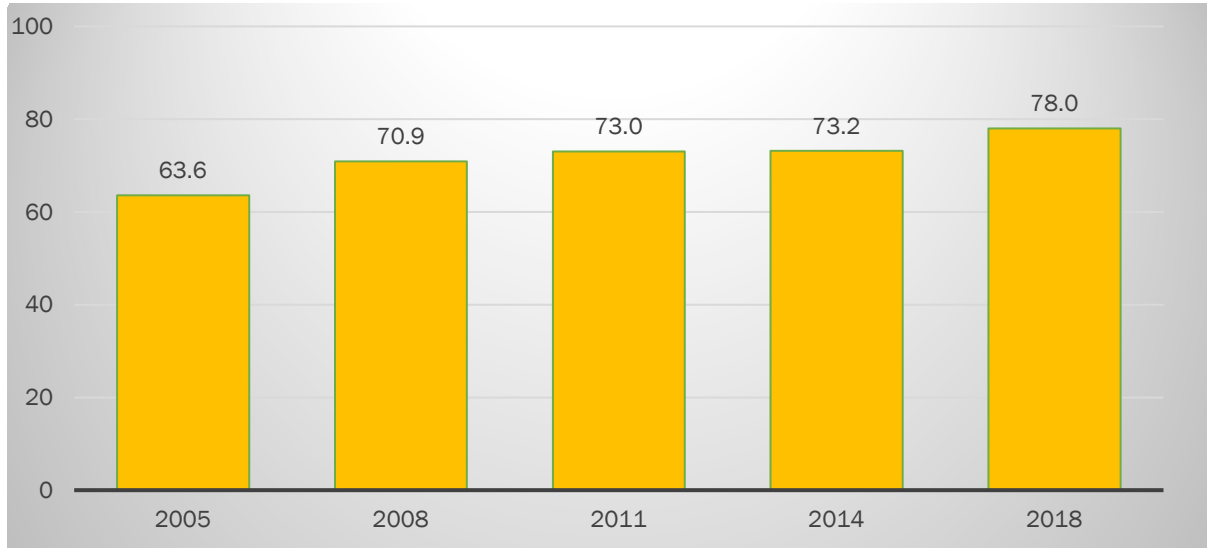


Colorectal exams

- In 2005, adults aged 50+ years (62.6%) reported they have had either a sigmoidoscopy or a colonoscopy (Figure 52). This prevalence estimate increased to 63.6% in 2018 among this same age group (Figure 52; Table 133).
- Knox County adults ages 50+ with annual HH incomes of less than \$15,000 (59.3%) are less likely to report this behavior compared to adults in the same age range with \$25,000 or more annual HH incomes (Table 133).

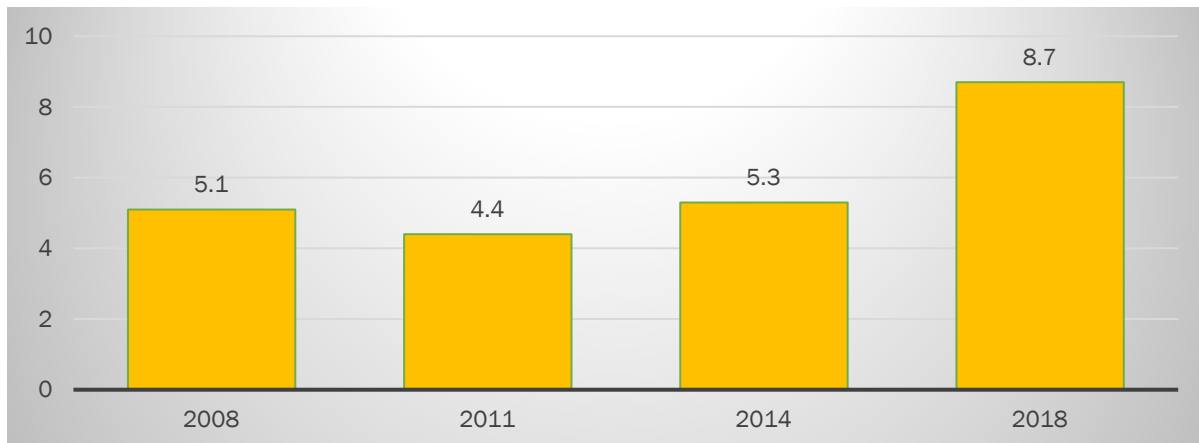
2018 Knox County Behavioral Risk Factor Survey

Figure 52. Percent of adults ages 50+ who reported they have had either a sigmoidoscopy or colonoscopy, 2005, 2008, 2011, 2014, 2018



- There was a 70.5% increase in the numbers of Knox County adults ages 50+ reporting they have not had a colorectal exam during the past 10 years or never had one from 5.1% in 2008, to 8.7% in 2018 (Figure 53; Table 136).

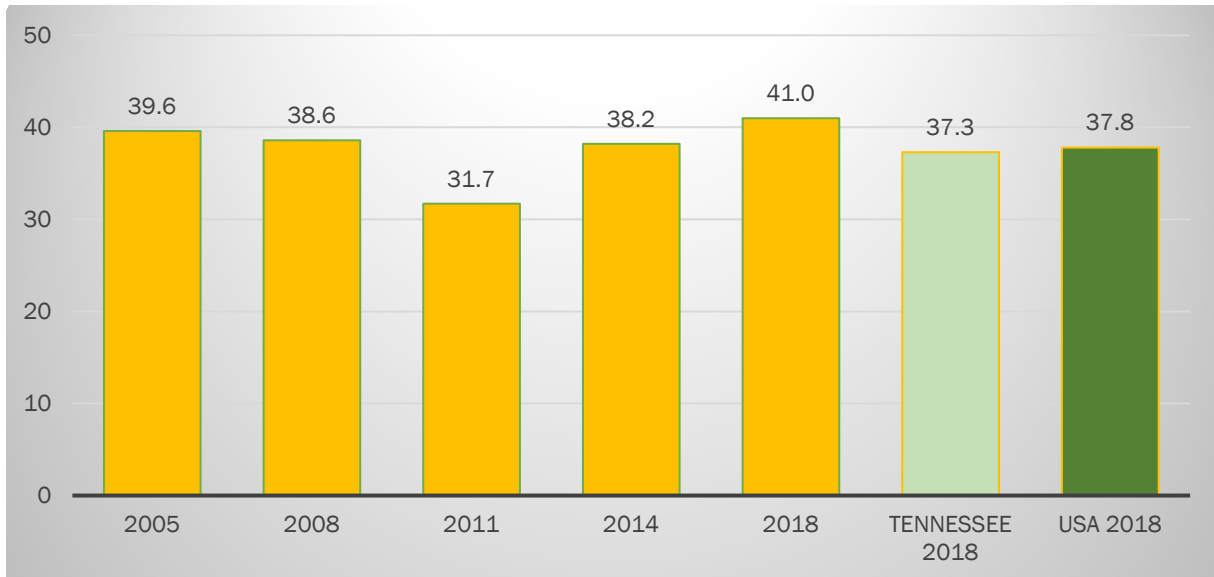
Figure 53. Percent of adults ages 50+ who reported they have not had a colorectal exam during the past ten years, 2008, 2011, 2014, 2018



SECTION 16: HUMAN IMMUNODEFICIENCY VIRUS (HIV) SCREENINGS AND HEPATITIS C DIAGNOSIS

HIV screening

Figure 54. Percent of adults ages 18-64 who reported they had been tested for the human immunodeficiency virus (HIV), Knox County, 2005, 2008, 2011, 2014, 2018; Tennessee, United States, 2018



- Two out of five Knox County adults ages 18-64 (41.0%) reported they have been tested for HIV during their lifetimes (Figure 54; Table 137). This estimate excludes HIV tests taken during blood donations.
- More Knox County adults ages 18-64 (41.0%) have been tested for HIV compared to Tennessee adults in the same age group (37.3%) as seen in Figure 54.
- Five percent of Knox County adults ages 18-64 (5.2%) reported they engage in one or more HIV risk behaviors including: intravenous drug use; STD exposure/treatment; giving or receiving money for drugs in exchange for sex; or having anal sex without a condom (Table 138).

Hepatitis C diagnosis

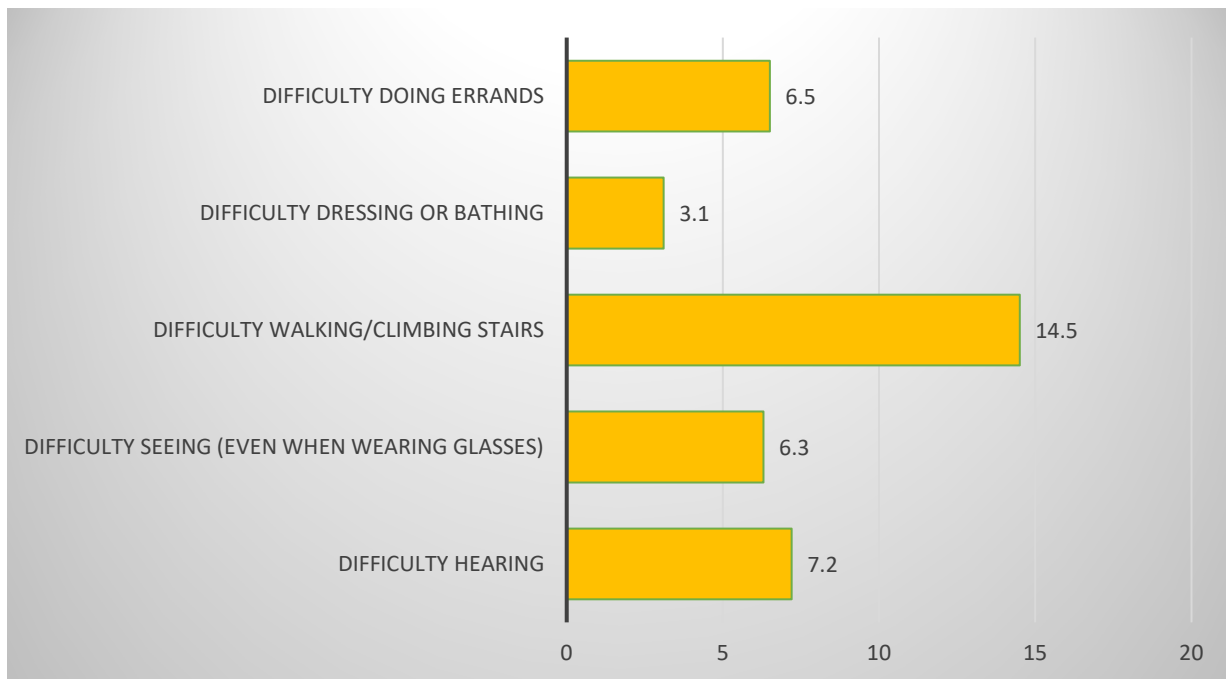
- Approximately 4,500 Knox County adults (1.3%) reported they have been diagnosed with hepatitis C (Table 139).

SECTION 17: EVERYDAY CHALLENGES

Difficulties in everyday activities

- Having trouble hearing was reported at its highest levels among adults ages 65+ (22.3%) and retired adults (21.6%) (Table 140).
- Six percent of Knox County adults (6.3%) reported they had trouble seeing even when they wore glasses (Figure 55; Table 141). Ten percent of Knox County adults ages 65+ (10.1%) reported problems seeing even with their glasses (Table 141).
- More women (8.6%) reported having trouble seeing compared to men (3.9%) (Table 141).
- Adults with less than a high school education (24.4%) reported having trouble seeing more than all other education groups (Table 141).
- Almost 15% of Knox County adults (14.5%) reported they have difficulty walking or climbing stairs (Figure 55; Table 142). Almost one out of three adults ages 65+, or 32.9%, reported having problems walking or climbing stairs (Table 142).
- Slightly more than 3% of Knox County adults (3.1%) reported they have difficulty dressing or bathing (Figure 55; Table 143). Seven percent of Knox County adults ages 65+ (7.0%) reported they have this problem.
- More than 6% of Knox County adults (6.5%) reported they have difficulty doing errands such as going on a doctor’s visit or shopping (Figure 55; Table 144). More than one out of eight (13.5%) Knox County adults ages 65+ reported they have this problem (Table 144).

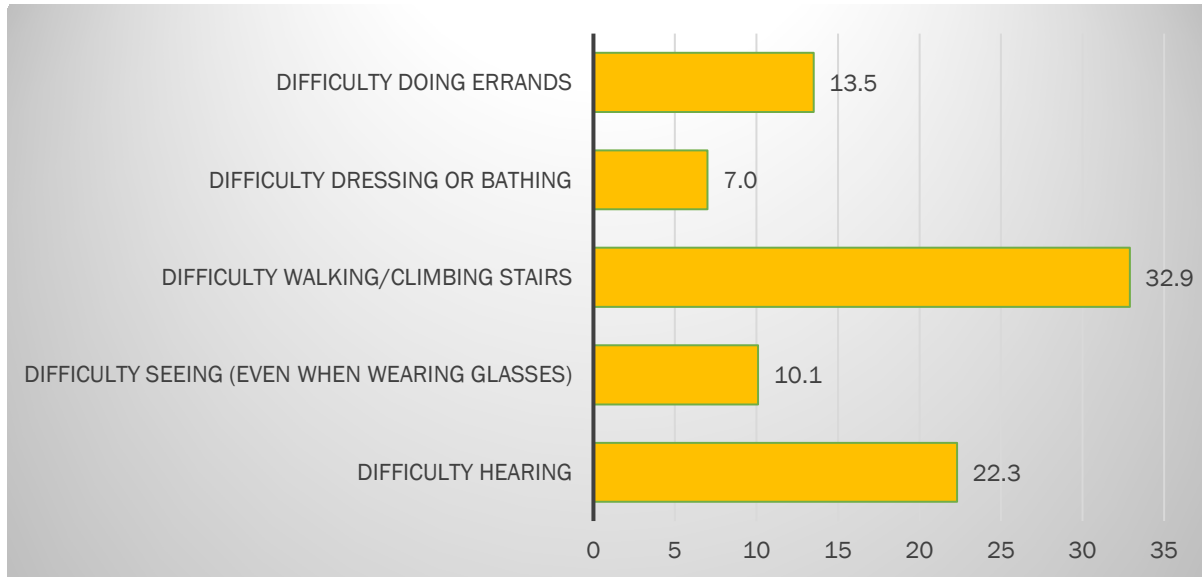
Figure 55. Difficulties hearing, seeing, walking/climbing stairs, dressing/bathing, or doing errands reported by Knox County adults in 2018: Prevalence estimates



2018 Knox County Behavioral Risk Factor Survey

As seen in Figure 56, senior adults ages 65+ were more likely to report difficulties in everyday life.

Figure 56. Difficulties hearing, seeing, walking/climbing stairs, dressing/bathing, or doing errands reported by Knox County senior adults ages 65+ in 2018: Prevalence estimates

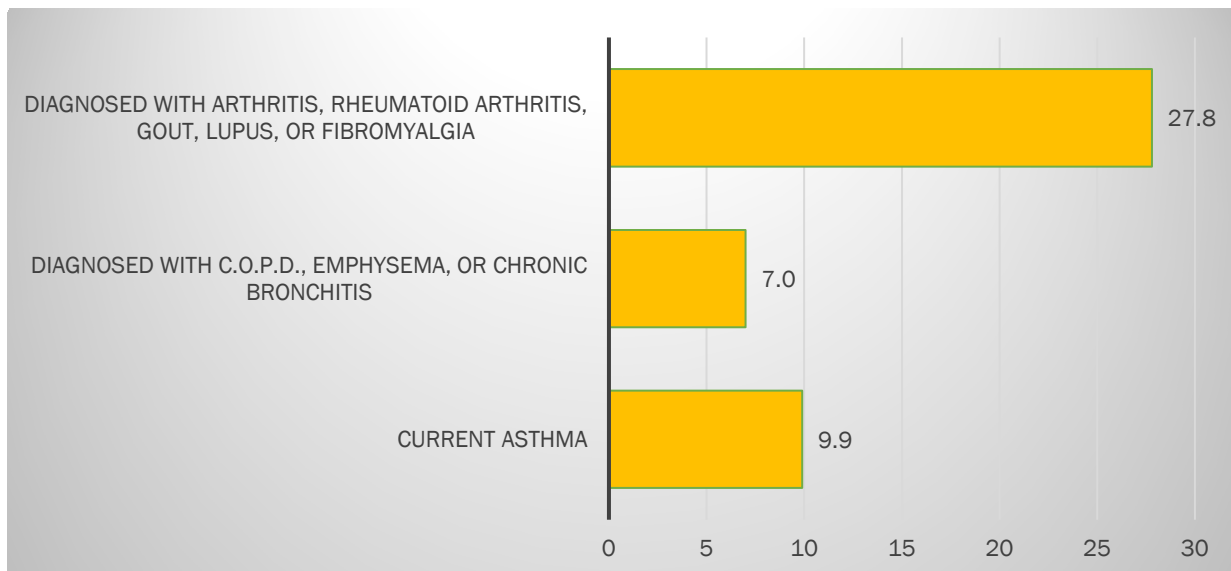


2018 Knox County Behavioral Risk Factor Survey

Other conditions affecting the quality of life

- Seven percent (7.0%) of Knox County adults reported they have been diagnosed with at least one of the following respiratory conditions: chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis (Figure 57; Table 145).
- More women (9.0%) compared to men (4.9%) reported at least one of these respiratory conditions in 2018 (Table 145).
- Adults with less than a high school education (23.6%) reported at least one or more of the following conditions: COPD, emphysema, or chronic bronchitis more frequently compared to all other education levels (Table 145).
- More than out one out of four (27.8%) Knox County adults in 2018 reported they were told by a health professional they had at least one of the following: arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (Figure 57; Table 146).
- A greater proportion of Knox County women (32.0%) reported at least one or more of the following health conditions: arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia more often compared to men (23.3%) (Table 146).
- Almost one out ten Knox County adults (9.9%) reported they currently have asthma (Figure 57; Table 147). More Knox County women (13.6%) reported they currently have asthma compared to men (5.9%) in 2018 (Table 148).

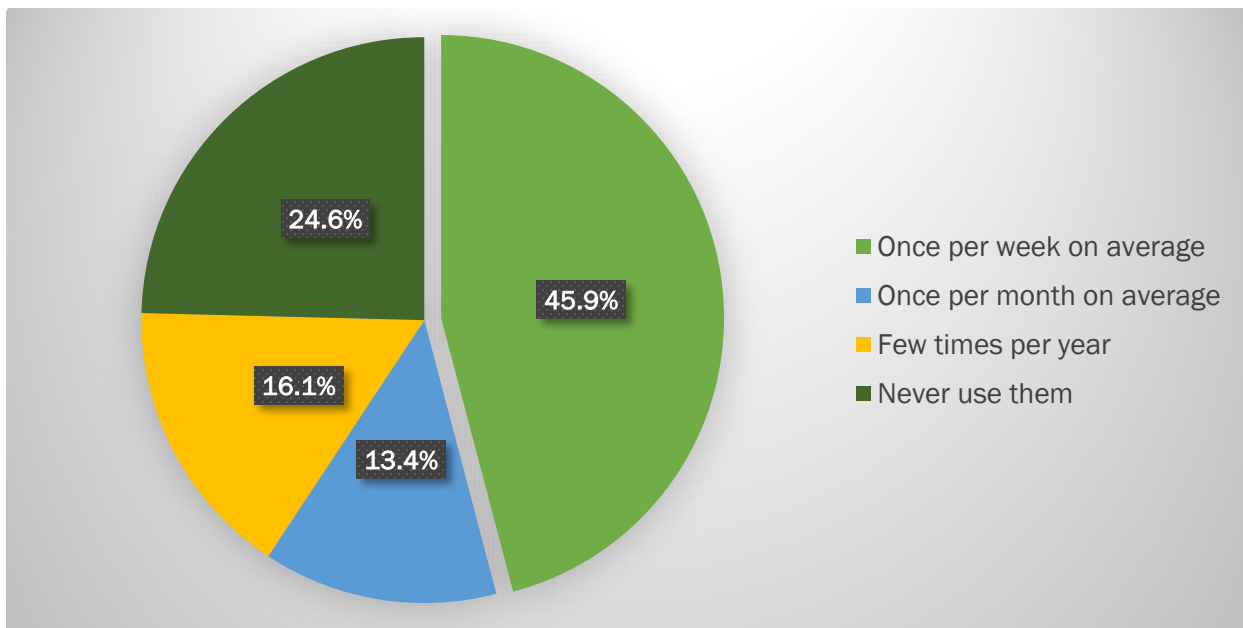
Figure 57. Percent of Knox County adults who reported they had current asthma, chronic obstructive pulmonary disease (COPD), arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia, 2018



SECTION 18: ACCESS TO TRAILS AND GREENWAYS

- Almost one-half of Knox County adults (47.8%) report their neighborhood has trails, greenways, bike paths or sidewalks for walking, biking or other activities (Table 149).
- Close to one-half of Knox County adults who have trails, greenways, bike paths or sidewalks in their neighborhoods (45.9%) reported they use them once per week but 24.6% never use them (Tables 150-153).
- Senior adults ages 65+ (41.7%) are more likely to report they never use their neighborhood walking/riding paths compared to all other age groups (Table 153).

Figure 58. Frequency of use of neighborhood trails, greenways, bike paths or sidewalks among Knox County adults who have them in 2018

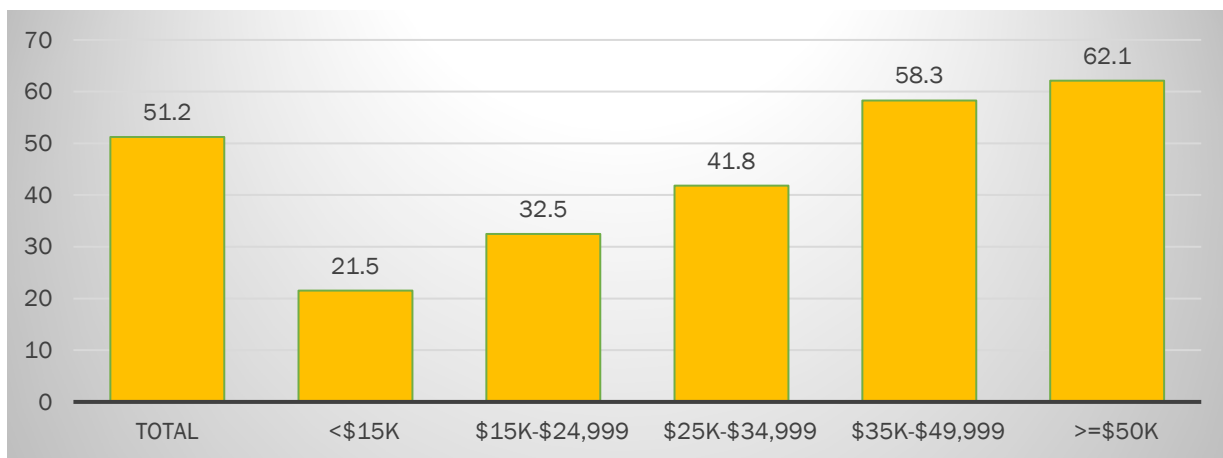


SECTION 19: FIREARM SAFETY

Number of firearms in the home

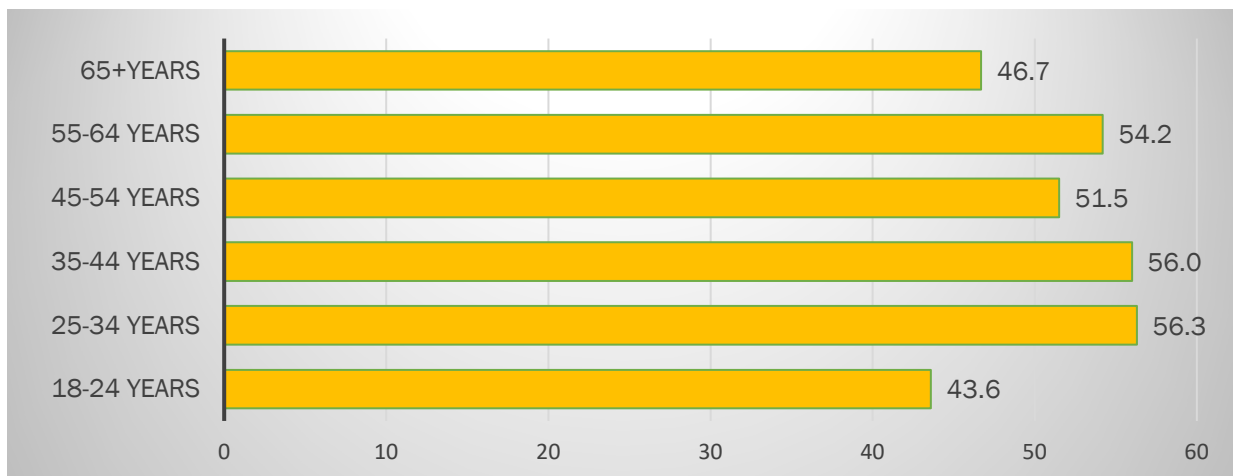
- One-half (51.2%) of Knox County adults reported they have a firearm in or around their home (Figure 59; Table 154).
- Knox County adults with annual HH incomes of \$50,000 (62.1%) or greater are more likely to report having a firearm in their home compared to adults with annual HH incomes below \$35,000 (Figure 59; Table 154).

Figure 59. Prevalence estimate of Knox County adults who reported they have firearms in or around their homes by annual HH income, 2018



Approximately one out of two Knox County adults in each age group reported they have a firearm in or around their home (Figure 60).

Figure 60. Prevalence estimate of Knox County adults who reported they have firearms in or around their homes by age groups, 2018



2018 Knox County Behavioral Risk Factor Survey

Firearm safety

- Two out of five Knox County adults who have firearms in or around their homes (41.8%) reported the firearms are loaded (Table 155).
- More men (48.0%) reported their firearms are loaded compared to women (34.3%) in 2018 (Table 155).
- In 2018, one-half of the Knox County adults with loaded firearms in or around their homes (51.8%) reported that the guns are not locked (Table 156).

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TABLES

2018 Knox County Behavioral Risk Factor Survey

Table 1. Prevalence estimate of Knox County adults who reported poor or fair general health, 2018

(total n = 3,638)

	Yes Response	Weighted Response	Percent (CI)
Total Adults	828	54,696	15.4 (13.7-17.3)
Gender			
Male	231	21,600	12.7 (10.4-15.5)
Female	597	33,096	17.9 (15.5-20.6)
Race/Ethnicity			
White	667	4,851	15.3 (13.5-17.3)
Black	132	4,937	19.7 (14.9-25.5)
Other race/Ethnicity	29	†	†
Age			
18-24 Years	6	†	†
25-34 Years	19	†	†
35-44 Years	42	3,515	6.2 (4.3-8.9)
45-54 Years	82	8,061	13.5 (10.6-17.1)
55-64 Years	164	14,581	27.4 (22.9-32.4)
65+ Years	505	17,989	27.0 (24.4-29.7)
Household Income			
Less than \$15K	136	8,290	35.3 (25.5-45.5)
\$15K-\$24,999	224	13,786	36.0 (28.7-44.1)
\$25K-\$34,999	113	7,173	19.8 (14.2-27.0)
\$35K-\$49,999	73	4,954	14.4 (8.4-23.7)
\$50K or greater	152	12,150	6.6 (5.3-8.2)
Education			
Less than High School	135	7,712	35.7 (26.1-46.5)
High School	315	22,022	25.7 (20.7-31.6)
Some College	221	14,373	15.1 (12.2-18.5)
College Grad	158	10,676	7.0 (5.6-8.6)
Employment			
Employed	117	14,210	6.4 (4.8-8.5)
Unemployed	24	3,311	40.4 (22.3-61.5)
Homemaker	23	2,419	15.0 (8.7-24.7)
Student	4	†	†
Retired	480	18,432	26.8 (24.1-29.7)
Unable to work	179	15,255	71.9 (62.0-79.4)
Sexual Orientation			
Straight	785	47,396	14.4 (12.9-16.0)
Gay or Lesbian	18	†	†
Bisexual	13	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 2. Prevalence estimate of Knox County adults who reported good or excellent general health, 2018

(total n = 3,638)

	Yes Response	Weighted Response	Percent (CI)
Total Adults	2,810	300,546	84.6 (82.7-86.3)
Gender			
Male	1,001	148,368	87.3 (84.6-89.6)
Female	1,809	152,178	82.1 (79.4-84.6)
Race/Ethnicity			
White	2,422	254,680	84.7 (82.8-86.5)
Black	254	20,160	80.3 (74.5-85.1)
Other race/Ethnicity	133	25,692	86.6 (74.8-93.4)
Age			
18-24 Years	61	50,309	91.4 (81.0-96.3)
25-34 Years	158	55,703	91.6 (86.2-95.0)
35-44 Years	391	52,998	93.8 (91.1-95.7)
45-54 Years	430	51,625	86.5 (82.9-89.5)
55-64 Years	373	38,665	72.6 (67.6-77.1)
65+ Years	1,366	48,712	73.0 (70.3-75.6)
Household Income			
Less than \$15K	137	15,206	64.7 (53.5-74.6)
\$15K-\$24,999	350	24,479	64.0 (55.9-71.3)
\$25K-\$34,999	309	29,025	80.2 (73.0-85.8)
\$35K-\$49,999	353	29,024	85.6 (76.3-91.7)
\$50K or greater	1,318	172,213	93.4 (91.8-94.7)
Education			
Less than High School	138	13,897	64.3 (53.5-73.9)
High School	660	63,547	74.3 (68.4-79.4)
Some College	793	80,747	84.9 (81.5-87.8)
College Grad	1,215	142,041	93.0 (91.4-94.4)
Employment			
Employed	1,276	207,958	93.6 (91.5-95.2)
Unemployed	42	4,882	59.6 (38.5-77.7)
Homemaker	114	13,688	85.0 (75.3-91.3)
Student	27	17,279	95.3 (79.2-98.6)
Retired	1,283	50,352	73.2 (70.3-75.9)
Unable to work	66	5,952	28.1 (20.6-37.0)
Sexual Orientation			
Straight	2,713	282,170	85.6 (84.0-87.1)
Gay or Lesbian	38	6,394	71.9 (44.9-88.9)
Bisexual	27	7,833	68.7 (42.8-86.6)

2018 Knox County Behavioral Risk Factor Survey

Table 3. Average number of poor physical health days or injury in past 30 days reported by Knox County adults, 2018

(total n = 3,575)

	n	Average Days (CI)
Total	3,575	3.6 (3.4-3.9)
Gender		
Male	1,223	3.0 (2.6-3.4)
Female	2,351	4.2 (3.9-4.5)
Race/Ethnicity		
White	3,037	3.7 (3.5-4.0)
Black	375	4.0 (3.3-4.7)
Other race/Ethnicity	161	2.3 (1.6-3.0)
Age		
18-24 Years	66	1.5 (0.7-2.3)
25-34 Years	177	2.8 (2.1-3.4)
35-44 Years	432	2.0 (1.6-2.4)
45-54 Years	509	4.2 (3.6-4.8)
55-64 Years	533	5.5 (4.8-6.2)
65+ Years	1,817	5.8 (5.4-6.2)
Household Income		
Less than \$15K	264	8.7 (6.9-10.5)
\$15K-\$24,999	562	6.4 (5.6-7.2)
\$25K-\$34,999	410	4.3 (3.3-5.3)
\$35K-\$49,999	426	3.8 (2.7-4.8)
\$50K or greater	1,462	2.3 (2.1-2.5)
Education		
Less than High School	260	7.6 (6.1-9.2)
High School	955	4.4 (3.8-5.0)
Some College	994	4.1 (3.6-4.6)
College Grad	1,362	2.4 (2.1-2.6)
Employment		
Employed	1,390	1.8 (1.6-2.1)
Unemployed	65	8.0 (5.0-11.0)
Homemaker	135	2.9 (1.8-4.0)
Student	31	1.7 (0.8-2.7)
Retired	1,711	5.7 (5.2-6.1)
Unable to work	239	16.9 (15.6-18.3)
Sexual Orientation		
Straight	3,435	3.6 (3.4-3.9)
Gay or Lesbian	56	4.2 (2.1-6.4)
Bisexual	40	3.9 (1.8-6.0)

2018 Knox County Behavioral Risk Factor Survey

Table 4. Prevalence estimate of Knox County adults who reported no days of poor physical health or injury during the past 30 days, 2018

(total n = 3,574)

	Yes Response	Weighted Response	Percent (CI)
Total	2,150	222,662	63.1 (60.3-65.9)
Gender			
Male	776	112,785	66.6 (62.1-70.7)
Female	1,374	109,877	60.0 (56.2-63.6)
Race/Ethnicity			
White	1,851	187,448	62.9 (59.8-65.8)
Black	203	12,976	52.3 (41.9-62.5)
Other race/Ethnicity	95	22,224	75.0 (64.0-83.5)
Age			
18-24 Years	45	38,535	70.6 (56.7-81.4)
25-34 Years	110	40,496	66.6 (58.6-73.8)
35-44 Years	277	35,684	63.2 (57.7-68.4)
45-54 Years	301	35,669	59.8 (54.8-64.7)
55-64 Years	291	30,181	57.0 (51.6-62.3)
65+ Years	1,095	38,316	60.5 (57.6-63.3)
Household Income			
Less than \$15K	103	11,324	48.6 (35.3-62.1)
\$15K-\$24,999	285	19,374	51.1 (42.8-59.3)
\$25K-\$34,999	232	20,093	56.9 (44.8-68.2)
\$35K-\$49,999	270	22,368	64.8 (55.5-73.1)
\$50K or greater	977	125,415	68.2 (64.7-71.4)
Education			
Less than High School	123	10,582	49.8 (37.0-62.7)
High School	566	51,853	61.0 (54.0-67.6)
Some College	584	58,500	62.3 (56.9-67.3)
College Grad	874	101,477	66.7 (62.7-70.4)
Employment			
Employed	937	152,336	68.7 (64.8-72.3)
Unemployed	32	4,031	49.4 (30.7-68.3)
Homemaker	84	10,867	68.8 (58.5-77.3)
Student	18	†	†
Retired	1,028	39,762	59.2 (56.0-62.4)
Unable to work	49	3,965	18.9 (13.2-26.4)
Sexual Orientation			
Straight	2,069	205,894	63.0 (60.1-65.8)
Gay or Lesbian	26	5,832	65.6 (42.3-83.2)
Bisexual	24	7,194	63.1 (37.5-83.0)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 5. Prevalence estimate of Knox County adults who reported 1-5 days of poor physical health or injury during the past 30 days, 2018

(total n = 3,574)

	Yes Response	Weighted Response	Percent (CI)
Total	676	75,629	21.5 (19.0-24.1)
Gender			
Male	235	35,027	20.7 (17.0-25.9)
Female	441	21,604	22.2 (19.1-25.6)
Race/Ethnicity			
White	566	63,503	21.3 (18.7-24.2)
Black	79	857	32.9 (22.6-45.1)
Other race/Ethnicity	32	4,057	13.7 (7.9-22.7)
Age			
18-24 Years	15	†	†
25-34 Years	41	12,350	20.3 (14.7-27.4)
35-44 Years	110	16,178	28.7 (23.8-34.0)
45-54 Years	106	13,100	22.0 (18.0-26.5)
55-64 Years	101	11,158	21.1 (16.9-26.0)
65+ Years	299	10,550	16.2 (14.3-18.4)
Household Income			
Less than \$15K	38	†	†
\$15K-\$24,999	98	7,333	19.4 (14.2-25.9)
\$25K-\$34,999	78	8,646	24.5 (14.0-39.2)
\$35K-\$49,999	72	7,143	20.7 (13.5-30.4)
\$50K or greater	318	4,304	23.5 (20.6-26.7)
Education			
Less than High School	42	2,381	16.9 (9.4-28.4)
High School	147	17,936	21.1 (15.1-28.7)
Some College	182	17,926	19.1 (15.4-23.4)
College Grad	306	36,274	23.8 (20.5-27.5)
Employment			
Employed	322	52,996	23.9 (20.6-27.6)
Unemployed	10	†	†
Homemaker	27	3,057	19.3 (12.7-28.4)
Student	8	†	†
Retired	285	11,730	17.5 (15.1-20.2)
Unable to work	25	1,572	7.5 (4.4-13.0)
Sexual Orientation			
Straight	656	71,463	21.9 (19.4-24.5)
Gay or Lesbian	13	†	†
Bisexual	5	†	†

† Statistically unreliable.

2018 Knox County Behavioral Risk Factor Survey

Table 6. Prevalence estimate of Knox County adults who reported 6-30 days of poor physical health or injury in the past 30 days, 2018

(total n = 3,574)

	Yes Response	Weighted Response	Percent (CI)
Total	748	54,262	15.4 (13.7-17.3)
Gender			
Male	212	21,604	12.8 (10.5-15.5)
Female	536	32,758	17.9 (15.5-20.6)
Race/Ethnicity			
White	620	47,310	15.9 (14.0-17.9)
Black	93	3,697	14.9 (10.9-20.0)
Other race/Ethnicity	34	3,339	11.3 (6.1-20.0)
Age			
18-24 Years	6	†	†
25-34 Years	26	7,960	13.1 (8.5-19.6)
35-44 Years	45	4,601	8.2 (5.8-11.4)
45-54 Years	102	10,865	18.2 (14.6-22.4)
55-64 Years	141	11,602	21.9 (17.9-26.5)
65+ Years	423	15,126	23.3 (20.9-25.9)
Household Income			
Less than \$15K	123	8,827	37.9 (27.3-49.8)
\$15K-\$24,999	179	11,194	29.5 (23.0-37.1)
\$25K-\$34,999	100	6,572	18.6 (12.5-26.9)
\$35K-\$49,999	84	5,019	14.5 (10.4-20.0)
\$50K or greater	167	15,239	8.3 (6.7-10.2)
Education			
Less than High School	95	7,073	33.3 (23.7-44.5)
High School	242	15,201	17.9 (14.3-22.1)
Some College	584	17,552	18.7 (14.9-23.2)
College Grad	182	14,473	9.5 (7.7-11.8)
Employment			
Employed	131	16,482	7.4 (5.6-9.6)
Unemployed	23	2,784	34.1 (19.7-52.2)
Homemaker	24	1,883	11.9 (7.2-19.1)
Student	5	†	†
Retired	398	15,632	23.3 (20.6-26.2)
Unable to work	165	15,632	73.6 (65.6-80.3)
Sexual Orientation			
Straight	710	49,641	15.2 (13.5-17.1)
Gay or Lesbian	17	†	†
Bisexual	11	†	†

† Statistically unreliable.

2018 Knox County Behavioral Risk Factor Survey

Table 7. Average number of poor mental health days (stress, depressions, problems with emotions) in the past 30 days reported by Knox County adults, 2018

(total n = 3,606)

	n	Average Days (CI)
Total	3,606	4.9 (4.5-5.4)
Gender		
Male	1,228	3.8 (3.1-4.4)
Female	2,377	6.0 (5.4-6.7)
Race/Ethnicity		
White	3,061	4.6 (4.2-5.0)
Black	383	5.3 (4.2-6.3)
Other race/Ethnicity	160	8.1 (5.2-10.9)
Age		
18-24 Years	65	9.5 (7.2-11.8)
25-34 Years	177	5.4 (4.6-6.2)
35-44 Years	431	4.1 (3.5-4.6)
45-54 Years	509	4.1 (3.7-4.6)
55-64 Years	531	4.6 (3.9-5.3)
65+ Years	1,851	2.8 (2.5-3.1)
Household Income		
Less than \$15K	271	9.7 (8.1-11.2)
\$15K-\$24,999	566	8.4 (6.7-10.0)
\$25K-\$34,999	420	6.2 (4.9-7.6)
\$35K-\$49,999	422	6.6 (4.5-8.7)
\$50K or greater	1,464	2.9 (2.6-3.1)
Education		
Less than High School	269	9.0 (6.2-11.8)
High School	964	6.5 (5.5-7.4)
Some College	1,002	5.8 (4.7-6.8)
College Grad	1,367	3.0 (2.7-3.3)
Employment		
Employed	1,383	4.5 (3.9-5.0)
Unemployed	66	11.8 (9.2-14.5)
Homemaker	135	3.9 (2.8-5.1)
Student	30	†
Retired	1,745	2.8 (2.5-3.1)
Unable to work	243	13.4 (12.2-14.7)
Sexual Orientation		
Straight	3,466	4.2 (3.9-4.5)
Gay or Lesbian	56	15.8 (10.5-21.2)
Bisexual	40	18.2 (14.5-21.9)

† Statistically unreliable.

2018 Knox County Behavioral Risk Factor Survey

Table 8. Prevalence estimate of Knox County adults who reported no days of poor mental health in the last 30 days, 2018

(total n = 3,605)

	Yes Response	Weighted Response	Percent (CI)
Total	2,335	199,497	56.7 (53.6-59.7)
Gender			
Male	906	112,108	66.4 (61.7-70.8)
Female	1,429	87,389	47.7 (43.9-51.6)
Race/Ethnicity			
White	1,986	170,250	57.2 (53.9-60.4)
Black	253	14,205	57.3 (46.3-67.7)
Other race/Ethnicity	94	15,012	50.7 (37.4-64.0)
Age			
18-24 Years	20	15,810	29.6 (18.6-43.6)
25-34 Years	86	31,625	52.0 (43.7-60.2)
35-44 Years	215	29,667	52.7 (47.2-58.1)
45-54 Years	275	34,319	57.7 (52.7-62.5)
55-64 Years	326	34,636	65.6 (60.4-70.5)
65+ Years	1,379	50,552	76.6 (74.1-79.0)
Household Income			
Less than \$15K	142	10,255	45.5 (32.7-58.9)
\$15K-\$24,999	349	19,357	51.9 (43.5-60.3)
\$25K-\$34,999	275	20,029	55.5 (44.2-66.4)
\$35K-\$49,999	284	19,334	56.1 (46.3-65.5)
\$50K or greater	949	110,142	59.9 (56.0-63.8)
Education			
Less than High School	175	10,886	50.6 (37.8-63.3)
High School	626	45,471	54.0 (47.0-60.8)
Some College	647	49,804	53.0 (47.3-58.7)
College Grad	883	93,023	61.1 (56.7-65.3)
Employment			
Employed	827	120,561	54.6 (50.5-58.7)
Unemployed	28	3,448	42.1 (25.2-61.0)
Homemaker	76	7,856	49.5 (38.4-60.5)
Student	20	9,067	51.3 (30.0-72.2)
Retired	1,294	51,322	75.4 (72.6-78.1)
Unable to work	88	6,912	32.7 (25.5-40.9)
Sexual Orientation			
Straight	2,281	192,872	59.1 (56.0-62.1)
Gay or Lesbian	16	†	†
Bisexual	12	†	†

† Statistically unreliable.

2018 Knox County Behavioral Risk Factor Survey

Table 9. Prevalence estimate of Knox County adults (18+ years) who reported 1 to 5 days of poor mental health in the past 30 days, 2018

(total n = 3,605)

	Yes Response	Weighted Response	Percent (CI)
Total	610	73,394	20.9 (18.4-23.5)
Gender			
Male	163	28,381	16.8 (13.4-20.9)
Female	447	45,013	24.6 (21.2-28.3)
Race/Ethnicity			
White	531	66,188	22.2 (19.5-25.3)
Black	56	3,857	15.6 (10.3-22.9)
Other race/Ethnicity	24	3,437	11.6 (6.6-19.6)
Age			
18-24 Years	22	16,834	31.5 (20.4-45.2)
25-34 Years	37	11,570	19.0 (13.5-26.1)
35-44 Years	122	15,706	27.9 (23.3-33.0)
45-54 Years	132	14,654	24.6 (20.6-29.2)
55-64 Years	71	6,884	13.1 (9.8-17.2)
65+ Years	222	7,524	11.4 (9.7-13.3)
Household Income			
Less than \$15K	28	1,760	7.8 (4.4-13.6)
\$15K-\$24,999	76	4,855	13.0 (8.8-18.8)
\$25K-\$34,999	62	4,707	13.1 (8.5-19.5)
\$35K-\$49,999	69	5,329	15.5 (10.8-21.7)
\$50K or greater	326	48,506	26.4 (22.8-30.3)
Education			
Less than High School	28	2,101	9.8 (5.8-16.1)
High School	118	14,375	17.1 (12.2-23.5)
Some College	166	19,074	20.3 (16.1-25.4)
College Grad	299	37,932	24.9 (21.1-29.2)
Employment			
Employed	310	52,674	23.9 (20.4-27.7)
Unemployed	12	†	†
Homemaker	33	4,889	30.8 (21.0-42.6)
Student	6	†	†
Retired	217	8,629	12.7 (10.6-15.0)
Unable to work	32	2,485	11.8 (7.6-17.9)
Sexual Orientation			
Straight	575	69,925	21.4 (18.9-24.2)
Gay or Lesbian	18	†	†
Bisexual	8	†	†

† Statistically unreliable.

2018 Knox County Behavioral Risk Factor Survey

Table 10. Prevalence estimate of Knox County adults who reported 6-30 days of poor mental health in the past 30 days, 2018

(total n = 3,605)

	Yes Response	Weighted Response	Percent (CI)
Total	660	79,184	22.5 (19.8-25.4)
Gender			
Male	159	28,421	16.8 (13.5-20.8)
Female	501	50,764	27.7 (23.9-31.9)
Race/Ethnicity			
White	544	61,316	20.6 (17.8-23.5)
Black	74	6,728	27.1 (17.1-40.3)
Other race/Ethnicity	42	11,141	37.7 (25.0-52.3)
Age			
18-24 Years	23	20,853	39.0 (26.6-52.9)
25-34 Years	54	17,613	29.0 (22.0-37.1)
35-44 Years	94	10,921	19.4 (15.6-23.9)
45-54 Years	102	10,536	17.7 (14.3-21.7)
55-64 Years	134	11,244	21.3 (17.4-25.8)
65+ Years	250	7,897	12.0 (10.2-14.0)
Household Income			
Less than \$15K	101	10,514	46.7 (33.6-60.2)
\$15K-\$24,999	141	13,065	35.1 (26.6-44.6)
\$25K-\$34,999	83	11,327	31.4 (21.6-43.2)
\$35K-\$49,999	69	9,779	28.4 (19.2-39.8)
\$50K or greater	189	15,241	13.7 (11.3-16.5)
Education			
Less than High School	66	8,521	39.6 (26.6-54.3)
High School	220	24,237	28.9 (23.0-35.7)
Some College	189	25,028	26.7 (21.4-32.7)
College Grad	185	21,288	14.0 (11.1-17.5)
Employment			
Employed	246	47,469	21.5 (18.1-25.4)
Unemployed	26	3,588	43.8 (25.5-64.0)
Homemaker	26	3,142	19.8 (12.4-30.1)
Student	4	†	†
Retired	234	8,095	11.9 (10.0-14.0)
Unable to work	123	11,716	55.5 (46.7-64.0)
Sexual Orientation			
Straight	610	63,635	19.5 (17.1-22.1)
Gay or Lesbian	22	5,499	61.8 (38.2-81.0)
Bisexual	20	8,959	78.6 (60.4-89.8)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 11. The average number of days in the past month when normal activities could not be done due to physical or mental health conditions among Knox County adults who had at least one day of poor physical or mental health in the past 30 days, 2018

(total n = 2,026)

	n	Average Days (CI)
Total	2,026	4.2 (4.1-4.6)
Gender		
Male	618	3.8 (3.3-4.3)
Female	1,407	4.7 (4.3-5.1)
Race/Ethnicity		
White	1,712	4.3 (4.0-4.6)
Black	220	3.4 (2.4-4.4)
Other race/Ethnicity	93	5.1 (3.0-7.2)
Age		
18-24 Years	54	2.5 (1.2-3.8)
25-34 Years	117	3.4 (2.7-4.1)
35-44 Years	276	2.4 (1.9-3.0)
45-54 Years	309	4.7 (4.0-5.4)
55-64 Years	316	7.0 (6.1-7.9)
65+ Years	941	7.1 (6.6-7.6)
Household Income		
Less than \$15K	189	11.0 (9.1-12.9)
\$15K-\$24,999	356	6.9 (5.9-7.9)
\$25K-\$34,999	246	5.1 (4.0-6.2)
\$35K-\$49,999	226	2.8 (2.2-3.4)
\$50K or greater	767	2.5 (2.3-3.7))
Education		
Less than High School	171	8.6 (6.4-10.8)
High School	544	5.0 (4.3-5.7)
Some College	574	4.1 (3.3-4.9)
College Grad	736	3.3 (3.0-3.6)
Employment		
Employed	768	1.9 (1.6-2.2)
Unemployed	50	10.2 (7.2-13.2)
Homemaker	78	2.6 (1.1-4.1)
Student	18	†
Retired	896	7.1 (6.6-7.6)
Unable to work	213	16.0 (14.7-17.3)
Sexual Orientation		
Straight	1,929	4.1 (3.9-4.3)
Gay or Lesbian	44	7.3 (3.7-10.8)
Bisexual	33	5.5 (3.2-8.2)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 12. Among Knox County adults who had at least one day of poor physical or mental health in the past 30 days, the prevalence estimate who reported they had no days when they could not do normal activities due to physical or mental illness during the past 30 days, 2018

(total n = 3,630)

	Yes Response	Weighted Response	Percent (CI)
Total	2,772	268,509	75.8 (73.1-78.3)
Gender			
Male	975	137,359	80.9 (77.1-84.1)
Female	1,797	131,150	71.2 (67.3-74.7)
Race/Ethnicity			
White	2,357	228,158	76.2 (58.6-82.8)
Black	301	19,194	76.6 (67.9-83.6)
Other race/Ethnicity	112	21,126	71.2 (56.9-82.3)
Age			
18-24 Years	48	39,330	72.3 (72.9-78.2)
25-34 Years	122	44,009	72.4 (64.6-79.0)
35-44 Years	325	44,050	78.3 (73.6-82.3)
45-54 Years	371	45,238	75.7 (71.3-79.6)
55-64 Years	397	41,334	77.8 (73.2-81.9)
65+ Years	1,474	51,587	77.4 (74.8-79.8)
Household Income			
Less than \$15K	147	13,709	59.2 (46.7-70.5)
\$15K-\$24,999	387	22,649	60.3 (51.6-68.4)
\$25K-\$34,999	319	25,521	70.7 (59.3-80.0)
\$35K-\$49,999	341	27,664	79.7 (72.1-85.6)
\$50K or greater	1,197	150,512	81.8 (78.5-84.6)
Education			
Less than High School	191	13,636	63.5 (49.8-75.4)
High School	722	64,672	75.5 (69.8-80.3)
Some College	770	70,332	74.6 (69.1-79.3)
College Grad	1,085	119,555	78.4 (74.5-81.9)
Employment			
Employed	1,133	177,276	79.8 (76.1-82.1)
Unemployed	31	4,013	49.9 (31.0-68.8)
Homemaker	114	13,455	83.5 (74.9-89.6)
Student	26	14,570	82.5 (55.9-94.6)
Retired	1,377	52,110	75.9 (72.9-18.6)
Unable to work	88	6,636	31.4 (24.2-39.5)
Sexual Orientation			
Straight	2,685	254,080	77.3 (74.8-79.7)
Gay or Lesbian	32	4,523	50.9 (26.3-75.0)
Bisexual	20	6,088	54.0 (29.6-75.8)

2018 Knox County Behavioral Risk Factor Survey

Table 13. Among Knox County adults who had at least one day of poor physical or mental health in the past 30 days, the prevalence estimate who reported 1-5 days when they could not do normal activities due to physical or mental illness during the past 30 days, 2018

(total n = 3,630)

	Yes Response	Weighted Response	Percent (CI)
Total	344	42,508	12.0 (10.1-14.2)
Gender			
Male	107	17,688	10.4 (7.7-13.9)
Female	237	24,820	13.5 (11.0-16.4)
Race/Ethnicity			
White	283	35,298	11.8 (9.8-14.2)
Black	39	3,085	12.3 (7.9-18.7)
Other race/Ethnicity	23	4,212	14.2 (7.6-15.0)
Age			
18-24 Years	11	†	†
25-34 Years	36	10,612	17.5 (12.3-24.2)
35-44 Years	69	8,598	15.3 (11.9-19.5)
45-54 Years	58	6,936	11.6 (8.8-15.2)
55-64 Years	37	2,921	5.5 (3.7-8.2)
65+ Years	132	4,827	7.2 (5.9-8.8)
Household Income			
Less than \$15K	28	1,728	7.5 (4.1-13.2)
\$15K-\$24,999	48	4,586	12.2 (6.7-21.1)
\$25K-\$34,999	39	3,827	10.6 (6.3-17.4)
\$35K-\$49,999	39	4,837	13.9 (8.7-21.6)
\$50K or greater	157	23,309	12.7 (10.1-15.8)
Education			
Less than High School	17	†	†
High School	70	8,022	9.4 (6.0-14.3)
Some College	103	12,495	13.2 (10.0-17.4)
College Grad	155	20,865	13.7 (10.7-17.4)
Employment			
Employed	181	32,027	14.4 (11.7-17.7)
Unemployed	9	†	†
Homemaker	11	†	†
Student	2	†	†
Retired	128	5,366	7.8 (6.2-9.8)
Unable to work	14	†	†
Sexual Orientation			
Straight	326	39,315	12.0 (10.0-14.3)
Gay or Lesbian	7	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 14. Among Knox County adults who had at least one day of poor physical or mental health in the past 30 days, the prevalence estimate who reported 6-30 days when they could not do normal activities due to physical or mental illness during the past 30 days, 2018

(total n = 3,630)

	Yes Response	Weighted Response	Percent (CI)
Total	514	43,202	12.2 (10.4-14.3)
Gender			
Male	151	14,856	8.7 (6.9-11.0)
Female	363	28,346	15.4 (12.5-18.8)
Race/Ethnicity			
White	443	36,093	12.1 (10.3-14.1)
Black	44	2,776	11.1 (6.2-19.1)
Other race/Ethnicity	27	4,332	14.6 (6.3-30.3)
Age			
18-24 Years	7	†	†
25-34 Years	19	†	†
35-44 Years	37	3,629	6.5 (4.4-9.4)
45-54 Years	82	7,586	12.7 (9.9-16.1)
55-64 Years	100	8,853	16.7 (13.1-21.0)
65+ Years	265	10,243	15.4 (13.3-17.7)
Household Income			
Less than \$15K	94	7,740	33.4 (23.6-44.9)
\$15K-\$24,999	138	10,343	27.5 (20.7-35.6)
\$25K-\$34,999	62	6,782	18.8 (10.9-30.4)
\$35K-\$49,999	39	4,837	13.9 (8.7-21.6)
\$50K or greater	157	23,309	12.7 (10.1-15.8)
Education			
Less than High School	64	6,611	30.8 (19.4-45.2)
High School	181	13,020	15.2 (11.8-19.3)
Some College	136	11,519	12.2 (8.5-17.2)
College Grad	133	12,052	7.9 (6.0-10.3)
Employment			
Employed	77	12,788	5.8 (3.9-8.4)
Unemployed	25	2,911	36.2 (21.2-54.5)
Homemaker	12	†	†
Student	2	†	†
Retired	256	11,203	16.3 (13.9-19.0)
Unable to work	141	13,301	62.8 (54.2-70.7)
Sexual Orientation			
Straight	480	35,168	10.7 (9.2-12.4)
Gay or Lesbian	17	†	†
Bisexual	12	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 15. The average number of hours of sleep during a 24-hour period reported by Knox County adults, 2018

(total n = 3,606)

	n	Average Sleep Hours (CI)
Total	3,606	6.9 (6.9-7.0)
Gender		
Male	1,225	6.8 (6.8-6.9)
Female	2,380	7.0 (7.0-7.1)
Race/Ethnicity		
White	3,066	7.0 (6.9-7.0)
Black	381	6.8 (6.7-7.0)
Other race/Ethnicity	157	6.9 (6.7-7.2)
Age		
18-24 Years	66	7.2 (7.0-7.4)
25-34 Years	174	6.6 (6.4-6.7)
35-44 Years	433	6.8 (6.7-6.9)
45-54 Years	507	6.9 (6.8-7.0)
55-64 Years	530	6.9 (6.8-7.0)
65+ Years	1,856	7.3 (7.3-7.4)
Household Income		
Less than \$15K	262	6.9 (6.5-7.2)
\$15K-\$24,999	569	6.9 (6.8-7.0)
\$25K-\$34,999	422	7.1 (7.0-7.2)
\$35K-\$49,999	426	6.8 (6.5-7.0)
\$50K or greater	1,469	6.9 (6.9-7.0)
Education		
Less than High School	266	6.8 (6.5-7.2)
High School	958	6.9 (6.7-7.0)
Some College	1,006	6.9 (6.8-7.0)
College Grad	1,372	7.0 (7.0-7.1)
Employment		
Employed	1,390	6.8 (6.8-6.9)
Unemployed	65	6.5 (6.2-6.8)
Homemaker	137	7.1 (6.8-7.3)
Student	31	7.5 (7.2-7.8)
Retired	1,746	7.3 (7.3-7.4)
Unable to work	233	6.4 (6.0-6.8)
Sexual Orientation		
Straight	3,468	7.0 (7.9-7.0)
Gay or Lesbian	56	6.8 (6.3-7.3)
Bisexual	40	6.4 (6.0-6.8)

2018 Knox County Behavioral Risk Factor Survey

Table 16. Prevalence estimate of Knox County adults who reported they sleep seven or more hours on average during a 24-hour period, 2018

(total n = 3,644)

	<i>Yes Response</i>	<i>Weighted Response</i>	<i>Percent (CI)</i>
Total	2,410	230,795	64.9 (62.0-67.7)
Gender			
Male	812	105,923	62.2 (57.5-66.6)
Female	1,598	124,873	67.4 (63.9-70.7)
Race/Ethnicity			
White	2,101	196,754	65.4 (62.3-68.3)
Black	211	14,425	57.5 (47.7-66.7)
Other race/Ethnicity	97	19,602	66.1 (53.4-76.8)
Age			
18-24 Years	51	42,283	75.8 (63.0-86.5)
25-34 Years	98	33,179	54.6 (46.1-62.8)
35-44 Years	260	35,127	62.0 (56.6-67.2)
45-54 Years	318	37,987	63.4 (58.4-68.1)
55-64 Years	317	31,845	59.8 (54.3-65.0)
65+ Years	1,339	48,220	72.2 (69.6-74.7)
Household Income			
Less than \$15K	148	14,089	60.0 (47.8-71.0)
\$15K-\$24,999	356	24,155	63.1 (55.4-70.1)
\$25K-\$34,999	291	24,061	66.4 (53.7-77.1)
\$35K-\$49,999	284	20,020	57.6 (47.7-67.0)
\$50K or greater	1,022	124,026	67.3 (63.6-70.7)
Education			
Less than High School	168	12,617	58.3 (45.4-70.2)
High School	620	50,949	59.4 (52.3-66.1)
Some College	642	58,006	60.9 (55.5-66.0)
College Grad	978	109,137	71.4 (67.7-74.9)
Employment			
Employed	889	142,069	63.8 (59.8-67.7)
Unemployed	32	4,375	53.4 (34.8-71.1)
Homemaker	89	10,357	64.3 (53.0-74.2)
Student	26	16,281	88.9 (70.4-96.5)
Retired	1,256	48,425	70.3 (67.2-73.2)
Unable to work	115	8,839	41.7 (33.4-50.4)
Sexual Orientation			
Straight	2,330	215,830	65.4 (62.5-68.2)
Gay or Lesbian	34	6,469	72.7 (52.1-86.8)
Bisexual	18	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 17. Prevalence estimate of Knox County adults who reported they have health care coverage, 2018

(total n = 3,641)

	Yes Response	Weighted Response	Percent (CI)
Total	3,488	331,326	93.4 (91.6-94.8)
Gender			
Male	1,169	157,095	93.7 (89.8-94.8)
Female	2,319	174,231	94.1 (91.6-95.8)
Race/Ethnicity			
White	2,962	279,897	93.3 (91.3-94.9)
Black	372	23,984	95.6 (91.3-97.8)
Other race/Ethnicity	153	27,500	92.7 (84.2-96.8)
Age			
18-24 Years	58	47,899	88.4 (77.1-94.5)
25-34 Years	157	56,500	92.9 (88.5-95.7)
35-44 Years	394	51,886	91.6 (88.2-94.1)
45-54 Years	478	55,898	93.3 (90.2-95.5)
55-64 Years	502	49,902	93.7 (90.7-95.8)
65+ Years	1,860	66,263	99.3 (98.7-99.6)
Household Income			
Less than \$15K	245	19,364	82.4 (69.0-90.8)
\$15K-\$24,999	537	33,868	88.5 (83.4-92.1)
\$25K-\$34,999	408	32,891	90.8 (81.4-95.7)
\$35K-\$49,999	411	30,190	89.1 (77.9-95.0)
\$50K or greater	1,438	178,819	97.0 (95.3-98.1)
Education			
Less than High School	260	18,350	84.8 (67.8-93.7)
High School	919	78,203	91.1 (87.5-93.8)
Some College	963	86,986	91.3 (86.9-94.4)
College Grad	1,343	147,560	97.2 (95.5-98.2)
Employment			
Employed	1,306	207,181	93.1 (90.7-94.9)
Unemployed	50	5,803	70.8 (52.6-84.1)
Homemaker	131	15,094	93.7 (85.8-97.4)
Student	27	15,419	88.3 (64.3-96.9)
Retired	1,746	67,934	98.7 (97.7-99.3)
Unable to work	225	19,434	91.6 (86.4-95.0)
Sexual Orientation			
Straight	3,361	310,658	94.4 (93.0-95.5)
Gay or Lesbian	51	8,347	93.9 (84.2-97.8)
Bisexual	32	6,940	60.9 (34.0-92.4)

2018 Knox County Behavioral Risk Factor Survey

Table 18. Prevalence estimate of Knox County adults ages 18-64 who reported they have health care coverage, 2018

(total n = 1,727)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	1,589	262,085	92.0 (89.8-93.8)
Gender			
Male	601	127,247	91.4 (87.9-93.9)
Female	988	124,828	92.7 (89.5-94.9)
Race/Ethnicity			
White	1,325	217,512	91.8 (89.2-93.8)
Black	169	19,559	94.8 (89.5-97.5)
Other race/Ethnicity	94	24,997	92.0 (82.8-96.5)
Age			
18-24 Years	58	47,899	88.4 (77.1-94.5)
25-34 Years	157	56,500	92.9 (88.5-95.7)
35-44 Years	394	51,886	91.6 (88.2-94.1)
45-54 Years	478	55,898	93.2 (90.2-95.5)
55-64 Years	502	49,902	93.7 (90.7-95.8)
Household Income			
Less than \$15K	112	15,469	79.3 (63.6-89.4)
\$15K-\$24,999	158	22,032	83.5 (76.0-89.0)
\$25K-\$34,999	115	22,789	88.0 (75.2-94.7)
\$35K-\$49,999	154	21,483	85.5 (71.2-93.4)
\$50K or greater	945	156,683	96.7 (94.8-97.9)
Education			
Less than High School	77	11,313	77.6 (55.4-90.7)
High School	333	59,090	89.2 (84.4-92.6)
Some College	415	68,054	89.4 (83.8-93.2)
College Grad	764	123,628	96.7 (94.7-98.0)
Employment			
Employed	118	199,134	93.0 (90.5-94.9)
Unemployed	44	5,623	70.2 (51.6-83.8)
Homemaker	92	13,279	92.9 (84.0-97.0)
Student	24	15,338	88.2 (64.2-96.9)
Retired	131	10,703	95.6 (89.3-98.3)
Unable to work	178	17,790	91.1 (85.4-94.7)
Sexual Orientation			
Straight	1,505	242,887	93.2 (91.5-94.6)
Gay or Lesbian	37	7,915	93.5 (83.3-97.7)
Bisexual	27	6,742	60.2 (33.2-82.1)

2018 Knox County Behavioral Risk Factor Survey

Table 19. Prevalence estimate of Knox County adults ages 18-64 who reported they do not have health care coverage, 2018

(total n = 1,713)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	138	22,737	8.0 (6.2-10.2)
Gender			
Male	62	12,051	8.7 (6.1-12.1)
Female	76	10,687	7.3 (5.1-10.5)
Race/Ethnicity			
White	116	19,496	8.2 (6.2-10.8)
Black	13	†	†
Other race/Ethnicity	3	†	†
Age			
18-24 Years	8	†	†
25-34 Years	20	4,307	7.1 (4.3-11.5)
35-44 Years	40	4,744	8.4 (5.9-11.8)
45-54 Years	35	4,034	6.7 (4.6-9.8)
55-64 Years	35	3,344	6.3 (4.2-9.3)
Household Income			
Less than \$15K	25	†	†
\$15K-\$24,999	35	4,351	16.5 (11.0-24.0)
\$25K-\$34,999	14	†	†
\$35K-\$49,999	15	†	†
\$50K or greater	31	5,436	3.4 (2.1-5.2)
Education			
Less than High School	13	†	†
High School	50	7,156	10.8 (7.4-15.6)
Some College	48	8,108	10.7 (6.9-16.2)
College Grad	27	4,214	3.3 (2.0-5.3)
Employment			
Employed	87	15,062	7.0 (5.1-9.5)
Unemployed	16	†	†
Homemaker	6	†	†
Student	3	†	†
Retired	7	†	†
Unable to work	19	†	†
Sexual Orientation			
Straight	125	17,728	6.8 (5.4-8.5)
Gay or Lesbian	5	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 20. Prevalence estimate of Knox County adults who reported they have Medicare, 2018
(total n = 3,477)

	Yes Response	Weighted Response	Percent (CI)
Total	2,019	86,755	26.3 (24.3-28.3)
Gender			
Male	600	36,970	23.7 (20.8-26.7)
Female	1,419	49,785	28.6 (26.0-31.4)
Race/Ethnicity			
White	1,724	76,133	27.3 (25.2-29.5)
Black	226	5,740	24.0 (18.5-30.4)
Other race/Ethnicity	69	4,955	18.2 (11.3-28.0)
Age			
18-24 Years	3	†	†
25-34 Years	11	†	†
35-44 Years	15	†	†
45-54 Years	47	4,000	7.2 (5.1-9.9)
55-64 Years	147	12,240	24.6 (20.3-29.6)
65+ Years	1,770	62,248	94.4 (92.8-95.7)
Household Income			
Less than \$15K	179	8,925	46.2 (32.9-60.14)
\$15K-\$24,999	434	16,621	49.2 (40.4-58.1)
\$25K-\$34,999	293	11,509	35.1 (26.7-44.5)
\$35K-\$49,999	275	10,532	35.3 (28.1-43.1)
\$50K or greater	495	24,081	13.5 (11.9-15.2)
Education			
Less than High School	205	10,265	56.3 (42.5-69.2)
High School	645	25,154	32.2 (27.3-37.6)
Some College	587	26,159	30.2 (26.0-34.7)
College Grad	580	25,010	17.0 (15.0-19.2)
Employment			
Employed	183	11,561	5.6 (4.3-7.2)
Unemployed	9	†	†
Homemaker	36	1,778	11.8 (7.6-17.9)
Student	5	†	†
Retired	1,622	58,819	87.0 (83.8-89.6)
Unable to work	163	13,125	68.4 (58.0-77.2)
Sexual Orientation			
Straight	1,958	82,506	26.6 (24.6-28.7)
Gay or Lesbian	27	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 21. Principal form of health care coverage reported by Knox County adults, 2018

(total n = 3,468)

	Yes Response	Weighted Response	Percent (CI)
A plan purchased through an employer or union	1,148	178,361	54.4 (51.4-57.5)
Medicare	1,443	61,125	18.7 (17.0-20.2)
A plan you or a family member buys on your own	504	48,071	14.7 (12.2-17.1)
Medicaid or some other state program	184	25,473	7.8 (5.6-9.9)
Tricare (formally CHAMPUS), VA, or military	70	6,335	1.9 (1.2-2.6)
Some other coverage	116	8,025	2.5 (1.6-3.3)

2018 Knox County Behavioral Risk Factor Survey

Table 22. Prevalence estimate of Knox County adults who reported they have one or more persons they consider as their personal doctor or health care provider, 2018

(total n = 3,640)

	Yes Response	Weighted Response	Percent (CI)
Total	3,343	292,818	82.5 (79.3-85.3)
Gender			
Male	1,089	134,870	79.2 (74.1-83.5)
Female	2,254	157,948	85.6 (81.5-88.9)
Race/Ethnicity			
White	2,853	250,463	83.4 (80.0-86.3)
Black	350	21,229	84.6 (77.3-89.8)
Other race/Ethnicity	140	21,199	71.7 (55.6-83.7)
Age			
18-24 Years	41	30,255	55.6 (41.8-68.6)
25-34 Years	129	45,104	74.3 (66.3-81.0)
35-44 Years	351	46,502	82.1 (77.7-85.8)
45-54 Years	457	53,291	88.9 (85.4-91.7)
55-64 Years	503	49,873	93.7 (90.4-95.9)
65+ Years	1,824	64,874	97.2 (96.1-98.0)
Household Income			
Less than \$15K	243	16,425	69.9 (53.3-82.5)
\$15K-\$24,999	519	31,998	83.8 (76.8-89.0)
\$25K-\$34,999	392	26,713	73.8 (58.6-84.8)
\$35K-\$49,999	394	28,618	82.4 (71.7-89.6)
\$50K or greater	1,360	160,862	87.2 (83.8-90.0)
Education			
Less than High School	247	16,463	76.1 (60.4-86.9)
High School	896	63,623	74.8 (66.1-82.0)
Some College	931	77,014	80.9 (74.3-86.1)
College Grad	1,266	135,491	88.7 (85.6-91.2)
Employment			
Employed	1,202	176,642	79.4 (75.1-83.1)
Unemployed	54	6,442	78.6 (62.0-89.3)
Homemaker	124	14,085	87.5 (76.7-93.6)
Student	21	9,798	55.4 (33.1-75.8)
Retired	1,719	66,825	97.0 (95.7-98.0)
Unable to work	220	18,563	87.7 (89.0-93.1)
Sexual Orientation			
Straight	3,233	276,973	84.1 (81.0-86.8)
Gay or Lesbian	51	6,655	74.8 (38.8-93.3)
Bisexual	25	5,388	47.3 (24.6-71.1)

2018 Knox County Behavioral Risk Factor Survey

Table 23. Prevalence estimate of Knox County adults ages 18-64 who reported they have one or more persons they consider their personal doctor or health care provider, 2018

(total n = 1,726)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	1,481	225,025	79.0 (75.1-82.4)
Gender			
Male	541	106,094	75.8 (69.8-80.9)
Female	940	118,931	82.1 (77.0-86.2)
Race/Ethnicity			
White	1,245	189,290	79.8 (75.6-83.4)
Black	152	16,936	82.1 (73.2-88.5)
Other race/Ethnicity	84	18,799	69.5 (52.4-82.5)
Age			
18-24 Years	41	30,255	55.6 (41.8-68.6)
25-34 Years	129	45,104	74.3 (66.3-81.0)
35-44 Years	351	46,502	82.1 (77.7-85.8)
45-54 Years	457	53,291	88.9 (85.4-91.7)
55-64 Years	503	49,873	93.7 (90.4-95.9)
Household Income			
Less than \$15K	111	12,555	64.4 (46.0-79.3)
\$15K-\$24,999	152	20,615	78.5 (68.4-86.0)
\$25K-\$34,999	104	16,690	64.5 (46.3-79.2)
\$35K-\$49,999	142	20,092	77.3 (63.8-86.8)
\$50K or greater	873	139,020	85.8 (81.9-88.9)
Education			
Less than High School	68	9,678	66.4 (46.1-82.1)
High School	320	44,814	68.4 (58.0-77.3)
Some College	392	58,317	76.6 (68.8-82.9)
College Grad	701	112,215	87.2 (83.6-90.1)
Employment			
Employed	1,020	168,863	78.9 (74.4-82.7)
Unemployed	48	6,262	78.2 (61.1-89.1)
Homemaker	87	12,349	86.4 (74.4-93.3)
Student	18	†	†
Retired	130	10,627	94.9 (87.6-98.0)
Unable to work	176	16,989	87.0 (77.6-92.9)
Sexual Orientation			
Straight	1,408	210,414	80.7 (76.9-84.0)
Gay or Lesbian	37	6,223	73.6 (36.9-93.0)
Bisexual	21	5,211	46.5 (23.7-70.8)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 24. Prevalence estimate of Knox County adults ages 18-64 who lack health care coverage who reported they have one or more persons they consider their personal doctors or health care providers, 2018

(total n = 137)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	69	8,206	36.3 (26.2-47.8)
Gender			
Male	25	3,912	32.8 (19.7-49.2)
Female	44	4,295	40.2 (25.5-56.9)
Race/Ethnicity			
White	62	7,623	39.1 (27.5-52.1)
Black	6	†	†
Other race/Ethnicity	1	†	†
Age			
18-24 Years	1	†	†
25-34 Years	7	†	†
35-44 Years	17	†	†
45-54 Years	19	†	†
55-64 Years	25	2,557	76.5 (53.6-90.1)
Household Income			
Less than \$15K	10	†	†
\$15K-\$24,999	19	†	†
\$25K-\$34,999	7	†	†
\$35K-\$49,999	5	†	†
\$50K or greater	17	†	†
Education			
Less than High School	4	†	†
High School	23	2,957	42.0 (25.8-60.1)
Some College	29	3,054	37.7 (21.1-57.7)
College Grad	13		
Employment			
Employed	39	4,825	32.3 (21.0-46.1)
Unemployed	7	†	†
Homemaker	4	†	†
Student	1	†	†
Retired	6	†	†
Unable to work	12	†	†
Sexual Orientation			
Straight	65	7,819	44.4 (33.6-55.8)
Gay or Lesbian	3	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 25. Prevalence estimate of Knox County adults who reported they needed to see a doctor in the past 12 months but could not due to cost, 2018

(total n = 3,642)

	Yes Response	Weighted Response	Percent (CI)
Total	288	39,004	11.0 (9.1-13.1)
Gender			
Male	88	14,741	8.7 (6.5-11.5)
Female	200	24,262	13.1 (10.4-16.4)
Race/Ethnicity			
White	231	31,904	10.6 (8.7-12.9)
Black	30	2,062	8.2 (5.0-13.2)
Other race/Ethnicity	26	5,020	16.9 (9.5-28.4)
Age			
18-24 Years	13	†	†
25-34 Years	30	8,296	13.6 (9.1-19.9)
35-44 Years	62	7,335	13.0 (9.9-16.8)
45-54 Years	61	6,500	10.9 (8.2-14.2)
55-64 Years	56	4,493	8.5 (6.2-11.4)
65+ Years	62	2,027	3.0 (2.3-4.0)
Household Income			
Less than \$15K	43	5,339	22.7 (12.9-36.9)
\$15K-\$24,999	73	8,028	21.0 (14.7-29.0)
\$25K-\$34,999	39	6,778	18.7 (11.6-28.7)
\$35K-\$49,999	34	6,149	17.7 (10.5-28.3)
\$50K or greater	64	9,433	5.1 (3.8-6.8)
Education			
Less than High School	31	3,090	14.3 (7.7-25.0)
High School	96	14,055	16.4 (11.9-22.1)
Some College	86	11,298	11.9 (8.4-16.5)
College Grad	75	10,562	6.9 (5.0-9.6)
Employment			
Employed	151	26,385	11.9 (9.4-14.8)
Unemployed	14	†	†
Homemaker	12	†	†
Student	5	†	†
Retired	61	2,349	3.4 (2.5-4.7)
Unable to work	44	4,133	19.5 (13.6-27.2)
Sexual Orientation			
Straight	261	31,022	9.4 (7.9-11.2)
Gay or Lesbian	7	†	†
Bisexual	14	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 26. Prevalence estimate of Knox County adults ages 18-64 who reported they needed to see a doctor in the past 12 months but could not due to cost, 2018

(total n = 1,728)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	222	36,637	12.8 (10.6-15.5)
Gender			
Male	76	14,009	10.0 (7.4-13.5)
Female	146	22,628	15.6 (12.2-19.7)
Race/Ethnicity			
White	176	29,902	12.6 (10.2-15.5)
Black	23	1,903	9.2 (5.4-15.4)
Other race/Ethnicity	22	4,814	17.7 (9.7-30.3)
Age			
18-24 Years	13	†	†
25-34 Years	30	8,296	13.6 (9.1-19.9)
35-44 Years	62	7,335	13.0 (9.9-16.8)
45-54 Years	61	6,500	10.9 (8.2-14.2)
55-64 Years	56	4,493	8.4 (6.2-11.4)
Household Income			
Less than \$15K	30	4,845	24.8 (13.3-41.6)
\$15K-\$24,999	52	7,410	28.1 (19.0-39.3)
\$25K-\$34,999	30	6,297	24.3 (14.4-38.1)
\$35K-\$49,999	32	6,079	23.4 (13.9-36.7)
\$50K or greater	59	9,212	5.7 (4.2-7.6)
Education			
Less than High School	20	†	†
High School	72	13,055	19.7 (14.0-27.1)
Some College	69	10,881	14.3 (10.0-20.0)
College Grad	61	9,913	7.7 (5.4-10.9)
Employment			
Employed	145	25,970	12.1 (9.6-15.2)
Unemployed	13	†	†
Homemaker	9	†	†
Student	5	†	†
Retired	9	†	†
Unable to work	40	3,992	20.5 (14.1-28.8)
Sexual Orientation			
Straight	198	28,759	11.0 (9.1-13.3)
Gay or Lesbian	6	†	†
Bisexual	14	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 27. Prevalence estimate of Knox County adults ages 18-64 without health insurance who reported they needed to see a doctor in the past 12 months but could not due to cost, 2018

(total n = 138)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	67	11,085	48.8 (36.1-61.6)
Gender			
Male	26	4,150	34.4 (20.9-51.1)
Female	41	6,935	64.9 (48.5-78.4)
Race/Ethnicity			
White	53	9,414	48.3 (34.4-62.4)
Black	8	†	†
Other race/Ethnicity	6	†	†
Age			
18-24 Years	5	†	†
25-34 Years	12	†	†
35-44 Years	19	†	†
45-54 Years	17	†	†
55-64 Years	14	†	†
Household Income			
Less than \$15K	15	†	†
\$15K-\$24,999	23	2,531	59.2 (38.5-75.5)
\$25K-\$34,999	8	†	†
\$35K-\$49,999	7	†	†
\$50K or greater	9	†	†
Education			
Less than High School	4	†	†
High School	31	4,385	61.3 (42.1-77.5)
Some College	18	†	†
College Grad	14	†	†
Employment			
Employed	43	7,272	48.3 (33.0-63.9)
Unemployed	8	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	1	†	†
Unable to work	12	†	†
Sexual Orientation			
Straight	59	8,081	45.6 (34.5-57.1)
Gay or Lesbian	2	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 28. Prevalence estimate of Knox County adults who reported there was a time in the past 12 months when they did not take their medication as prescribed due to cost, 2018

(total n = 3,644)

	Yes Response	Weighted Response	Percent (CI)
Total	230	28,000	7.0 (5.7-8.6)
Gender			
Male	62	8,580	5.0 (3.6-7.0)
Female	168	16,221	8.8 (6.7-11.3)
Race/Ethnicity			
White	173	19,306	6.4 (5.1-8.0)
Black	36	1,946	7.7 (4.9-12.0)
Other race/Ethnicity	20	†	†
Age			
18-24 Years	7	†	†
25-34 Years	23	6,073	10.0 (6.3-15.5)
35-44 Years	30	2,656	4.7 (3.1-7.2)
45-54 Years	44	4,290	7.2 (5.1-9.9)
55-64 Years	49	4,452	8.4 (5.9-11.7)
65+ Years	75	2,576	3.9 (2.9-5.2)
Household Income			
Less than \$15K	38	3,161	13.5 (8.3-21.1)
\$15K-\$24,999	64	5,898	15.4 (10.0-22.9)
\$25K-\$34,999	26	4,476	12.4 (6.4-22.7)
\$35K-\$49,999	31	3,286	9.5 (5.6-15.5)
\$50K or greater	38	4,876	2.6 (1.8-3.8)
Education			
Less than High School	22	†	†
High School	72	7,638	8.9 (6.2-12.7)
Some College	70	6,859	7.2 (4.8-10.7)
College Grad	66	7,283	4.8 (3.3-6.9)
Employment			
Employed	96	15,195	6.8 (5.1-9.1)
Unemployed	9	†	†
Homemaker	3	†	†
Student	4	†	†
Retired	66	2,479	3.6 (2.6-4.9)
Unable to work	51	4,661	22.0 (15.5-30.2)
Sexual Orientation			
Straight	210	20,397	6.2 (5.0-7.6)
Gay or Lesbian	6	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 29. Prevalence estimate of Knox County adults ages 18-64 with no health care coverage who reported there was a time in the past 12 months when they did not take their medication as prescribed due to cost, 2018

(total n = 138)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	34	5,641	24.8 (15.5-37.2)
Gender			
Male	12	†	†
Female	20	3,601	33.7 (19.1-53.8)
Race/Ethnicity			
White	27	5,065	26.0 (15.5-40.1)
Black	6	†	†
Other race/Ethnicity	1	†	†
Age			
18-24 Years	2	†	†
25-34 Years	6	†	†
35-44 Years	6	†	†
45-54 Years	13	†	†
55-64 Years	7	†	†
Household Income			
Less than \$15K	10	†	†
\$15K-\$24,999	12	†	†
\$25K-\$34,999	4	†	†
\$35K-\$49,999	2	†	†
\$50K or greater	3	†	†
Education			
Less than High School	2	†	†
High School	17	†	†
Some College	8	†	†
College Grad	7	†	†
Employment			
Employed	22	4,127	27.4 (15.3-44.2)
Unemployed	2	†	†
Homemaker	0	†	†
Student	0	†	†
Retired	0	†	†
Unable to work	9	†	†
Sexual Orientation			
Straight	30	4,146	23.4 (15.1-34.4)
Gay or Lesbian	1	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 30. Prevalence estimate of Knox County adults who reported they currently have medical bills they are paying off over time, 2018

(total n = 3,632)

	Yes Response	Weighted Response	Percent (CI)
Total	616	75,826	21.4 (19.1-24.0)
Gender			
Male	198	32,329	19.0 (15.9-22.6)
Female	418	43,497	23.7 (20.4-27.3)
Race/Ethnicity			
White	483	62,145	20.8 (18.3-24.5)
Black	96	5,693	22.9 (16.2-31.3)
Other race/Ethnicity	37	7,999	26.9 (17.0-39.8)
Age			
18-24 Years	13	†	†
25-34 Years	51	18,703	30.9 (23.5-39.3)
35-44 Years	120	14,413	25.6 (21.2-30.5)
45-54 Years	135	15,219	9.3 (7.7-11.2)
55-64 Years	121	11,703	22.0 (17.8-26.9)
65+ Years	172	6,222	9.3 (7.7-11.2)
Household Income			
Less than \$15K	55	4,497	19.2 (12.4-28.6)
\$15K-\$24,999	106	9,432	24.6 (18.2-32.5)
\$25K-\$34,999	75	10,046	27.7 (18.5-39.4)
\$35K-\$49,999	83	9,908	28.7 (20.7-38.4)
\$50K or greater	234	35,247	19.1 (16.3-22.3)
Education			
Less than High School	52	7,800	36.1 (23.8-50.6)
High School	174	19,945	23.7 (18.6-29.8)
Some College	201	23,135	24.3 (20.2-29.1)
College Grad	189	24,946	16.4 (13.5-19.3)
Employment			
Employed	329	56,286	25.4 (22.1-29.1)
Unemployed	18	†	†
Homemaker	21	2,361	14.7 (9.1-22.7)
Student	5	†	†
Retired	168	6,917	10.1 (8.2-12.3)
Unable to work	73	6,707	31.7 (23.9-40.7)
Sexual Orientation			
Straight	578	67,997	20.7 (18.5-23.2)
Gay or Lesbian	20	†	†
Bisexual	12	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 31. Prevalence estimate of Knox County adults ages 18-64 with no health care coverage who reported they currently have medical bills they are paying off over time, 2018

(total n = 138)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	49	7,663	33.7 (23.4-45.9)
Gender			
Male	25	4,416	36.6 (22.2-54.0)
Female	24	3,247	30.4 (17.3-47.7)
Race/Ethnicity			
White	36	5,885	30.2 (19.8-43.1)
Black	8	†	†
Other race/Ethnicity	5	†	†
Age			
18-24 Years	3	†	†
25-34 Years	8	†	†
35-44 Years	17	†	†
45-54 Years	12	†	†
55-64 Years	9	†	†
Household Income			
Less than \$15K	7	†	†
\$15K-\$24,999	16	†	†
\$25K-\$34,999	5	†	†
\$35K-\$49,999	5	†	†
\$50K or greater	10	†	†
Education			
Less than High School	3	†	†
High School	19	†	†
Some College	15	†	†
College Grad	12	†	†
Employment			
Employed	37	5,993	39.8 (26.1-55.4)
Unemployed	5	†	†
Homemaker	0	†	†
Student	1	†	†
Retired	0	†	†
Unable to work	6	†	†
Sexual Orientation			
Straight	44	6,909	39.0 (28.05-51.1)
Gay or Lesbian	4	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 32. Prevalence estimate of Knox County adults who reported they had a routine health checkup in the past 12 months, 2018

(total n = 3,616)

	Yes Response	Weighted Response	Percent (CI)
Total	3,413	275,577	78.2 (75.3-80.9)
Gender			
Male	1,020	125,244	74.1 (69.5-78.3)
Female	2,123	150,333	82.0 (78.2-82.3)
Race/Ethnicity			
White	2,661	232,457	77.9 (74.7-80.7)
Black	348	22,390	89.5 (83.9-93.3)
Other race/Ethnicity	134	20,803	72.2 (57.4-83.3)
Age			
18-24 Years	43	34,662	63.0 (49.2-74.9)
25-34 Years	119	41,883	69.9 (61.7-77.0)
35-44 Years	321	41,613	74.5 (69.4-78.9)
45-54 Years	415	48,120	81.4 (77.2-84.9)
55-64 Years	455	44,524	83.8 (79.4-87.4)
65+ Years	1,757	62,442	94.1 (92.6-95.3)
Household Income			
Less than \$15K	229	16,772	72.4 (56.7-84.0)
\$15K-\$24,999	491	29,168	76.4 (68.4-82.8)
\$25K-\$34,999	374	28,755	80.6 (71.0-87.6)
\$35K-\$49,999	375	26,766	78.6 (68.9-86.9)
\$50K or greater	1,255	144,421	78.9 (74.9-82.4)
Education			
Less than High School	236	17,904	84.9 (76.9-90.5)
High School	867	66,919	78.8 (71.7-84.4)
Some College	865	73,564	77.6 (72.2-82.2)
College Grad	1,173	116,990	77.3 (72.7-81.3)
Employment			
Employed	1,094	163,460	74.0 (70.0-77.7)
Unemployed	54	6,152	75.1 (55.8-87.8)
Homemaker	119	13,527	86.2 (75.6-92.7)
Student	22	12,110	66.1 (43.7-83.0)
Retired	1,646	63,417	92.6 (90.5-94.2)
Unable to work	206	16,766	81.2 (71.5-88.1)
Sexual Orientation			
Straight	3,032	256,212	78.3 (75.3-81.1)
Gay or Lesbian	47	7,718	86.8 (70.2-94.8)
Bisexual	29	8,225	72.1 (47.6-88.1)

2018 Knox County Behavioral Risk Factor Survey

Table 33. Prevalence estimate of Knox County adults who reported they had a routine health checkup more than a year ago but within the past two years, 2018

(total n = 3,616)

	Yes Response	Weighted Response	Percent (CI)
Total	231	38,888	11.0 (8.9-13.6)
Gender			
Male	87	20,792	12.3 (9.0-17.0)
Female	144	18,096	9.9 (7.3-13.2)
Race/Ethnicity			
White	204	35,180	11.8 (9.4-14.7)
Black	18	†	†
Other race/Ethnicity	3	†	†
Age			
18-24 Years	13	†	†
25-34 Years	23	7,624	12.7 (8.1-19.4)
35-44 Years	46	6,825	12.2 (9.0-16.5)
45-54 Years	48	5,488	9.3 (6.8-12.6)
55-64 Years	38	3,592	6.8 (4.6-9.8)
65+ Years	59	2,213	3.3 (2.5-4.5)
Household Income			
Less than \$15K	19	†	†
\$15K-\$24,999	29	3,002	7.9 (4.3-13.8)
\$25K-\$34,999	20	†	†
\$35K-\$49,999	24	†	†
\$50K or greater	117	22,382	12.2 (9.2-16.1)
Education			
Less than High School	12	†	†
High School	42	6,932	8.2 (4.6-14.0)
Some College	70	10,061	10.6 (7.2-15.4)
College Grad	106	21,035	13.9 (10.3-18.5)
Employment			
Employed	140	30,300	13.7 (10.7-17.5)
Unemployed	5	†	†
Homemaker	7	†	†
Student	6	†	†
Retired	62	2,733	4.0 (2.9-5.5)
Unable to work	11	†	†
Sexual Orientation			
Straight	222	36,497	11.2 (9.0-13.8)
Gay or Lesbian	3	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 34. Prevalence estimate of Knox County adults who reported they had a routine health checkup more than two years ago but less than five years, 2018

(total n = 3,616)

	Yes Response	Weighted Response	Percent (CI)
Total	114	17,671	5.0 (3.8-6.5)
Gender			
Male	51	9,977	5.9 (4.1-8.5)
Female	63	7,694	4.2 (2.9-6.1)
Race/Ethnicity			
White	97	14,660	4.9 (3.7-6.5)
Black	10	†	†
Other race/Ethnicity	6	†	†
Age			
18-24 Years	4	†	†
25-34 Years	16	†	†
35-44 Years	32	3,655	6.5 (4.4-9.6)
45-54 Years	23	2,897	4.9 (3.1-7.6)
55-64 Years	17	†	†
65+ Years	21	613	0.9 (0.6-1.2)
Household Income			
Less than \$15K	9	†	†
\$15K-\$24,999	25	3,966	10.4 (5.8-18.0)
\$25K-\$34,999	12	†	†
\$35K-\$49,999	10	†	†
\$50K or greater	47	8,260	4.5 (3.1-6.5)
Education			
Less than High School	8	†	†
High School	30	4,028	4.7 (2.7-8.2)
Some College	33	5,892	6.2 (3.8-9.9)
College Grad	43	6,948	4.6 (3.0-6.9)
Employment			
Employed	68	11,732	5.3 (3.9-7.3)
Unemployed	5	†	†
Homemaker	4	†	†
Student	2	†	†
Retired	26	†	†
Unable to work	9	†	†
Sexual Orientation			
Straight	103	15,275	4.7 (3.5-6.2)
Gay or Lesbian	4	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 35. Prevalence estimate of Knox County adults who reported they have not had a routine health checkup during the past five years or have never had one, 2018

(total n = 3,616)

	Yes Response	Weighted Response	Percent (CI)
Total	128	20,264	5.8 (4.4-7.5)
Gender			
Male	71	12,994	7.7 (5.6-10.4)
Female	57	7,270	4.0 (2.4-6.5)
Race/Ethnicity			
White	110	16,299	5.5 (4.2-7.0)
Black	8	†	†
Other race/Ethnicity	10	†	†
Age			
18-24 Years	7	†	†
25-34 Years	15	†	†
35-44 Years	31	3,784	6.8 (4.5-10.0)
45-54 Years	23	2,640	4.5 (2.8-7.0)
55-64 Years	26	3,124	5.9 (3.8-9.1)
65+ Years	24	1,083	1.6 (1.0-2.6)
Household Income			
Less than \$15K	10	†	†
\$15K-\$24,999	27	2,067	5.4 (3.4-9.5)
\$25K-\$34,999	15	†	†
\$35K-\$49,999	14	†	†
\$50K or greater	45	8,089	4.4 (3.1-6.3)
Education			
Less than High School	15	†	†
High School	28	7,078	8.3 (4.7-14.4)
Some College	41	5,237	5.5 (3.6-8.3)
College Grad	44	6,400	4.2 (2.8-6.3)
Employment			
Employed	85	15,392	7.0 (5.2-9.2)
Unemployed	2	†	†
Homemaker	6	†	†
Student	1	†	†
Retired	21	1,095	1.6 (0.9-2.7)
Unable to work	13	†	†
Sexual Orientation			
Straight	121	19,177	5.9 (4.4-7.7)
Gay or Lesbian	2	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 36. Prevalence estimate of Knox County adults ages 18-64 who reported they had a routine health checkup in the past 12 months, 2018

(total n = 1,715)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	1,353	210,800	74.5 (70.9-77.7)
Gender			
Male	478	97,095	69.8 (64.3-74.7)
Female	875	113,705	79.0 (74.3-83.1)
Race/Ethnicity			
White	1,115	17,648	73.6 (69.7-77.2)
Black	158	18,362	89.2 (82.5-93.6)
Other race/Ethnicity	80	18,791	70.5 (54.8-82.5)
Age			
18-24 Years	43	34,662	63.0 (49.2-74.9)
25-34 Years	119	41,883	69.9 (61.7-77.0)
35-44 Years	321	41,613	74.5 (69.4-78.9)
45-54 Years	415	48,120	81.4 (77.2-84.9)
55-64 Years	455	44,524	83.8 (79.4-87.4)
Household Income			
Less than \$15K	106	13,153	68.4 (50.4-82.2)
\$15K-\$24,999	140	18,398	69.7 (58.5-79.0)
\$25K-\$34,999	98	19,189	75.7 (62.3-85.5)
\$35K-\$49,999	131	18,865	73.3 (61.0-82.8)
\$50K or greater	784	123,255	76.6 (72.1-80.5)
Education			
Less than High School	66	11,601	82.7 (70.4-90.6)
High School	306	48,455	73.9 (65.1-81.1)
Some College	348	55,801	73.6 (67.0-79.3)
College Grad	633	94,943	74.3 (69.0-79.0)
Employment			
Employed	919	155,876	74.0 (70.0-77.7)
Unemployed	48	5,972	75.1 (55.8-87.8)
Homemaker	83	11,890	85.7 (73.7-92.8)
Student	19	†	†
Retired	118	9,505	84.9 (74.7-91.4)
Unable to work	164	15,310	80.4 (70.0-87.9)
Sexual Orientation			
Straight	1,278	192,652	74.3 (70.6-77.7)
Gay or Lesbian	35	7,332	86.6 (69.0-95.0)
Bisexual	25	8,048	71.8 (46.9-88.1)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 37. Prevalence estimate of Knox County adults ages 18-64 who lack health care coverage who reported they had a routine health checkup in the past 12 months, 2018

(total n = 136)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	64	10,365	45.6 (33.8-59.8)
Gender			
Male	21	4,956	42.8 (25.4-62.2)
Female	43	5,409	50.6 (32.6-58.5)
Race/Ethnicity			
White	56	9,544	49.6 (35.5-63.7)
Black	6	†	†
Other race/Ethnicity	2	†	†
Age			
18-24 Years	4	†	†
25-34 Years	6	†	†
35-44 Years	17	†	†
45-54 Years	18	†	†
55-64 Years	19	†	†
Household Income			
Less than \$15K	13	†	†
\$15K-\$24,999	15	†	†
\$25K-\$34,999	4	†	†
\$35K-\$49,999	5	†	†
\$50K or greater	18	†	†
Education			
Less than High School	6	†	†
High School	24	2,868	41.5 (25.4-59.7)
Some College	23	3,777	46.6 (25.5-69.0)
College Grad	11	†	†
Employment			
Employed	33	5,211	35.7 (21.4-53.2)
Unemployed	9	†	†
Homemaker	9	†	†
Student	3	†	†
Retired	3	†	†
Unable to work	13	†	†
Sexual Orientation			
Straight	57	7,341	42.6 (31.6-54.3)
Gay or Lesbian	3	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 38. Principal reason health care was delayed in the past 12 months reported by Knox County adults, 2018

(total n = 3,615)

	Yes Response	Weighted Response	Percent (CI)
Did not have a delay in the past 12 months	3,034	277,168	78.7 (76.1-81.3)
Lack of transportation	66	6,548	1.9 (1.1-2.6)
Got there but had to wait too long to see the doctor	21	†	†
Could not get though on the phone	11	†	†
Got there but the clinic/office was not open	5	†	†
Other reason cited	366	50,538	14.3 (12.1-16.6)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 39. Prevalence estimate of Knox County adults who reported they lacked health care coverage at some point during the past 12 months, 2018

(total n = 3,487)

	Yes Response	Weighted Response	Percent (CI)
Total	126	14,695	4.7 (3.6-6.2)
Gender			
Male	45	6,694	4.3 (2.8-6.4)
Female	81	9,001	5.2 (3.7-7.2)
Race/Ethnicity			
White	108	13,644	4.9 (3.7-6.4)
Black	13	†	†
Other race/Ethnicity	5	†	†
Age			
18-24 Years	4	†	†
25-34 Years	15	†	†
35-44 Years	15	†	†
45-54 Years	27	2,808	5.0 (3.3-7.7)
55-64 Years	26	2,262	4.5 (2.9-7.1)
65+ Years	39	1,401	2.1 (1.5-3.1)
Household Income			
Less than \$15K	18	†	†
\$15K-\$24,999	22	†	†
\$25K-\$34,999	19	†	†
\$35K-\$49,999	14	†	†
\$50K or greater	33	5,554	3.1 (2.0-4.8)
Education			
Less than High School	22	†	†
High School	36	4,966	6.4 (3.8-10.4)
Some College	38	4,396	5.1 (3.2-7.9)
College Grad	30	3,702	2.5 (1.5-4.2)
Employment			
Employed	60	10,910	5.3 (3.7-7.4)
Unemployed	4	†	†
Homemaker	3	†	†
Student	0	†	†
Retired	44	2,012	3.0 (2.0-4.4)
Unable to work	15	†	†
Sexual Orientation			
Straight	121	13,943	4.5 (3.4-5.9)
Gay or Lesbian	1	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 40. Among Knox County adults lacking health care coverage, the amount of time since they last had coverage, 2018

(total n = 3,615)

	Yes Response	Weighted Response	Percent (CI)
6 months or less	22	2,938	12.3 (6.0-18.7)
More than 6 months but not more than 1 year ago	11	†	†
More than 1 year, but not more than 3 years ago	38	8,798	36.9 (23.5-50.4)
More than 3 years ago	62	7,275	30.5 (20.5-40.5)
Never (had coverage)	13	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 41. Average number of visits to a doctor, nurse or other health care professional in past 12 months reported by Knox County adults, 2018

(total n = 3,498)

	n	Average Visits (CI)
Total	3,498	5.4 (5.2-5.7)
Gender		
Male	1,207	4.6 (4.3-4.9)
Female	2,290	6.2 (5.8-6.7)
Race/Ethnicity		
White	2,973	5.6 (5.3-5.9)
Black	369	4.1 (3.5-4.7)
Other race/Ethnicity	154	4.5 (3.4-5.6)
Age		
18-24 Years	65	4.2 (3.5-4.9)
25-34 Years	169	6.4 (5.5-7.3)
35-44 Years	427	4.4 (4.1-4.7)
45-54 Years	402	5.7 (4.8-6.6)
55-64 Years	523	5.7 (5.3-6.2)
65+ Years	1,773	6.0 (5.7-6.3)
Household Income		
Less than \$15K	257	6.0 (4.8-7.2)
\$15K-\$24,999	544	5.6 (4.9-6.3)
\$25K-\$34,999	405	6.5 (5.6-7.4)
\$35K-\$49,999	417	5.1 (4.4-5.9)
\$50K or greater	1,452	5.2 (4.9-5.5)
Education		
Less than High School	251	8.1 (6.2-10.0)
High School	935	5.1 (4.7-5.6)
Some College	638	5.7 (5.2-6.1)
College Grad	1,340	5.1 (4.7-5.5)
Employment		
Employed	1,372	4.6 (4.3-4.9)
Unemployed	64	6.0 (3.7-8.3)
Homemaker	128	8.3 (6.5-10.2)
Student	29	3.6 (2.0-5.1)
Retired	1,680	6.1 (5.5-6.8)
Unable to work	222	11.8 (10.3-13.2)
Sexual Orientation		
Straight	3,369	5.5 (5.2-5.8)
Gay or Lesbian	55	5.1 (3.6-6.6)
Bisexual	38	3.4 (2.5-4.2)

2018 Knox County Behavioral Risk Factor Survey

Table 42. Average number of visits to a doctor, nurse or other health care professional in past 12 months reported by Knox County adults ages 18-64 who lack health insurance, 2018

(total n = 135)

	n	Average Visits
Total Adults Ages 18-64	135	2.1 (2.0-2.2)
Gender		
Male	61	1.5 (1.1-1.9)
Female	74	2.7 (2.2-3.2)
Race/Ethnicity		
White	113	2.1 (1.9-3.3)
Black	13	†
Other race/Ethnicity	9	†
Age		
18-24 Years	8	†
25-34 Years	19	†
35-44 Years	40	2.0 (1.0-3.0)
45-54 Years	35	2.6 (2.1-3.4)
55-64 Years	33	2.6 (2.2-3.0)
Household Income		
Less than \$15K	25	1.2 (0.8-1.6)
\$15K-\$24,999	34	2.6 (1.2-4.0)
\$25K-\$34,999	13	†
\$35K-\$49,999	15	†
\$50K or greater	31	2.4 (2.2-2.6)
Education		
Less than High School	13	†
High School	50	1.9 (1.4-2.4)
Some College	34	2.5 (1.8-3.2)
College Grad	27	2.3 (1.7-2.9)
Employment		
Employed	86	2.0 (1.5-2.5)
Unemployed	16	†
Homemaker	6	†
Student	3	†
Retired	7	†
Unable to work	17	†
Sexual Orientation		
Straight	122	2.4 (2.1-2.7)
Gay or Lesbian	5	†
Bisexual	8	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 43. Number of times Knox County adults visited a doctor, nurse or other health professional in the past 12 months by age and insurance status in 2018: Prevalence estimates

	Ages 18+ with insurance (n=3,498) % (CI)	Ages 18-64 with insurance (n=1,782) % (CI)	Ages 18-64 without insurance (n=135) % (CI)
None	7.9 (7.1-9.6)	8.8 (6.7-11.0)	32.5 (19.9-45.2)
1-2 visits	30.9 (28.0-33.8)	32.2 (28.8-35.8)	51.8 (28.2-55.3)
3-5 visits	36.0 (33.0-38.9)	35.2 (31.6-38.8)	14.3 (6.4-22.3)
6 or more visits	25.2 (22.9-27.7)	23.7 (20.8-26.6)	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 44. Prevalence estimate of Knox County adults who reported they are very satisfied with the health care they receive, 2018

(total n = 3,593)

	Yes Response	Weighted Response	Percent (CI)
Total	2,714	250,494	71.7 (68.8-74.4)
Gender			
Male	869	113,446	68.1 (63.5-72.5)
Female	1,845	137,047	74.9 (71.3-78.2)
Race/Ethnicity			
White	2,327	212,195	71.7 (68.6-74.7)
Black	284	18,868	76.8 (68.0-83.7)
Other race/Ethnicity	104	19,517	67.1 (53.9-78.1)
Age			
18-24 Years	43	36,571	66.4 (52.8-77.8)
25-34 Years	110	38,198	64.0 (55.5-71.8)
35-44 Years	298	39,595	72.9 (67.8-77.5)
45-54 Years	368	42,629	73.2 (68.4-77.5)
55-64 Years	389	39,035	74.1 (69.1-78.6)
65+ Years	1,483	52,682	79.5 (77.0-81.7)
Household Income			
Less than \$15K	172	13,260	57.6 (43.9-70.1)
\$15K-\$24,999	400	23,438	62.9 (53.7-71.2)
\$25K-\$34,999	316	25,933	72.4 (62.6-80.4)
\$35K-\$49,999	320	21,350	64.1 (53.1-73.7)
\$50K or greater	1,134	137,712	75.8 (72.3 -79.0)
Education			
Less than High School	213	14,359	67.8 (53.1-79.6)
High School	702	57,733	68.5 (61.5-74.7)
Some College	742	65,567	70.8 (65.4-75.7)
College Grad	1,054	112,608	74.5 (70.4-78.2)
Employment			
Employed	997	153,186	70.3 (66.2-74.0)
Unemployed	39	4,102	53.8 (33.2-73.2)
Homemaker	104	12,372	77.2 (67.2-84.9)
Student	20	13,044	71.2 (49.9-86.0)
Retired	1,406	54,529	80.0 (77.3-82.3)
Unable to work	146	12,899	62.0 (52.8-70.4)
Sexual Orientation			
Straight	2,631	236,712	73.0 (90.2-76.7)
Gay or Lesbian	37	4,833	56.0 (30.2-78.9)
Bisexual	20	5,249	46.0 (23.9-69.9)

2018 Knox County Behavioral Risk Factor Survey

Table 45. Prevalence estimate of Knox County adults who reported they are somewhat satisfied or not at all satisfied with the health care they receive, 2018

(total n = 3,593)

	Yes Response	Weighted Response	Percent (CI)
Total	879	98,979	28.3 (25.6-31.2)
Gender			
Male	341	53,045	31.9 (27.5-36.5)
Female	538	45,935	25.1 (21.8-28.7)
Race/Ethnicity			
White	726	83,691	28.3 (25.3-31.4)
Black	96	5,706	23.2 (16.3-32.0)
Other race/Ethnicity	55	9,551	32.9 (21.9-46.1)
Age			
18-24 Years	24	18,494	33.6 (22.2-47.2)
25-34 Years	63	21,453	36.0 (28.2-44.5)
35-44 Years	122	14,719	27.1 (22.5-32.2)
45-54 Years	132	15,625	26.8 (22.5-31.6)
55-64 Years	139	13,629	25.9 (21.4-30.9)
65+ Years	381	13,609	20.5 (18.3-23.0)
Household Income			
Less than \$15K	96	9,777	42.4 (29.9-56.1)
\$15K-\$24,999	166	13,846	37.1 (28.8-46.3)
\$25K-\$34,999	103	9,898	27.6 (19.6-37.4)
\$35K-\$49,999	100	11,972	35.9 (26.3-46.9)
\$50K or greater	318	43,951	24.2 (21.0-27.8)
Education			
Less than High School	55	6,837	32.3 (20.4-46.9)
High School	261	26,568	31.5 (25.3-39.5)
Some College	254	27,038	29.2 (24.3-34.6)
College Grad	309	38,537	25.5 (21.8-29.6)
Employment			
Employed	369	64,847	29.7 (26.0-33.8)
Unemployed	23	3,527	46.2 (26.8-66.8)
Homemaker	32	3,648	22.8 (15.1-32.8)
Student	11	†	†
Retired	350	13,671	20.1 (17.7-22.7)
Unable to work	93	7,909	38.0 (29.6-47.2)
Sexual Orientation			
Straight	825	87,487	27.0 (24.3-29.8)
Gay or Lesbian	18	†	†
Bisexual	20	6,153	54.0 (30.1-76.1)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 46. Prevalence estimate of Knox County adults ages 18-64 who lack health care coverage who reported they are very satisfied with the health care they receive, 2018

(total n = 115)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	53	8,623	44.6 (39.1-59.0)
Gender			
Male	19	†	†
Female	24	4,927	51.8 (32.0-71.0)
Race/Ethnicity			
White	46	7,451	43.7 (29.3-59.2)
Black	3	†	†
Other race/Ethnicity	4	†	†
Age			
18-24 Years	4	†	†
25-34 Years	6	†	†
35-44 Years	11	†	†
45-54 Years	15	†	†
55-64 Years	17	†	†
Household Income			
Less than \$15K	4	†	†
\$15K-\$24,999	13	†	†
\$25K-\$34,999	8	†	†
\$35K-\$49,999	6	†	†
\$50K or greater	9	†	†
Education			
Less than High School	4	†	†
High School	21	3,457	52.9 (34.0-71.0)
Some College	19	†	†
College Grad	9	†	†
Employment			
Employed	33	5,686	45.6 (28.7-63.6)
Unemployed	3	†	†
Homemaker	3	†	†
Student	2	†	†
Retired	6	†	†
Unable to work	6	†	†
Sexual Orientation			
Straight	48	7,286	50.9 (38.2-63.6)
Gay or Lesbian	2	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 47. Prevalence estimate of Knox County adults ages 18-64 who lack health care coverage who reported they are somewhat satisfied or not at all satisfied with the health care they receive, 2018

(total n = 115)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	62	10,692	55.4 (41.0-68.9)
Gender			
Male	30	6,104	62.3 (42.0-79.0)
Female	32	4,588	48.2 (29.0-68.0)
Race/Ethnicity			
White	52	9,609	56.3 (40.8-70.7)
Black	7	†	†
Other race/Ethnicity	2	†	†
Age			
18-24 Years	4	†	†
25-34 Years	11	†	†
35-44 Years	19	†	†
45-54 Years	13	†	†
55-64 Years	15	†	†
Household Income			
Less than \$15K	17	†	†
\$15K-\$24,999	19	†	†
\$25K-\$34,999	4	†	†
\$35K-\$49,999	4	†	†
\$50K or greater	14	†	†
Education			
Less than High School	5	†	†
High School	25	3,082	47.1 (29.0-66.0)
Some College	19	†	†
College Grad	13	†	†
Employment			
Employed	37	6,786	54.4 (36.4-71.3)
Unemployed	10	†	†
Homemaker	3	†	†
Student	1	†	†
Retired	1	†	†
Unable to work	10	†	†
Sexual Orientation			
Straight	54	7,020	49.1 (36.4-61.8)
Gay or Lesbian	3	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 48. Prevalence estimate of Knox County adults who reported they were always or usually worried or stressed about having enough money to pay the rent/mortgage during the past 12 months, 2018

(total n = 3,365)

	Yes Response	Weighted Response	Percent (CI)
Total	232	28,902	9.3 (7.5-11.5)
Gender			
Male	69	11,717	7.9 (5.5-11.3)
Female	163	17,185	10.5 (8.1-13.5)
Race/Ethnicity			
White	177	24,404	9.2 (7.2-11.6)
Black	35	2,379	10.8 (6.7-16.8)
Other race/Ethnicity	19	†	†
Age			
18-24 Years	8	†	†
25-34 Years	23	7,866	14.2 (9.1-21.4)
35-44 Years	36	3,191	5.8 (4.0-8.5)
45-54 Years	59	5,604	9.7 (7.3-12.8)
55-64 Years	40	3,785	7.5 (5.2-10.6)
65+ Years	64	2,342	3.8 (2.8-5.2)
Household Income			
Less than \$15K	58	4,875	29.4 (19.8-41.3)
\$15K-\$24,999	72	8,571	26.1 (18.4-35.6)
\$25K-\$34,999	22	†	†
\$35K-\$49,999	21	†	†
\$50K or greater	31	5,321	3.0 (1.9-4.8)
Education			
Less than High School	38	†	†
High School	78	8,808	13.3 (9.0-19.2)
Some College	68	10,163	12.2 (8.7-17.0)
College Grad	48	5,886	4.1 (2.8-6.2)
Employment			
Employed	92	17,664	8.8 (6.4-11.9)
Unemployed	8	†	†
Homemaker	7	†	†
Student	2	†	†
Retired	56	2,367	3.7 (2.6-5.3)
Unable to work	66	6,799	36.8 (27.7-46.8)
Sexual Orientation			
Straight	214	24,577	8.3 (6.7-10.2)
Gay or Lesbian	8	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 49. Prevalence estimate of Knox County adults who reported they were sometimes or rarely worried or stressed about having enough money to pay their rent/mortgage during the past 12 months, 2018

(total n = 3,365)

	Yes Response	Weighted Response	Percent (CI)
Total	577	60,210	19.4 (16.9-22.1)
Gender			
Male	138	23,811	16.1 (12.4-20.7)
Female	439	36,399	22.3 (19.3-25.7)
Race/Ethnicity			
White	473	51,549	19.3 (16.7-22.3)
Black	79	3,965	17.9 (12.6-24.9)
Other race/Ethnicity	25	4,969	21.5 (12.4-34.6)
Age			
18-24 Years	6	†	†
25-34 Years	52	15,465	27.9 (20.9-36.1)
35-44 Years	104	12,652	23.1 (18.8-28.1)
45-54 Years	96	10,148	17.6 (14.1-21.8)
55-64 Years	102	8,109	16.0 (12.6-20.1)
65+ Years	209	6,719	10.9 (9.2-12.9)
Household Income			
Less than \$15K	55	2,907	17.5 (11.7-25.6)
\$15K-\$24,999	115	7,541	23.0 (17.4-29.6)
\$25K-\$34,999	89	11,715	35.0 (23.0-49.3)
\$35K-\$49,999	80	9,110	31.9 (23.6-41.6)
\$50K or greater	181	25,008	14.3 (12.0-17.0)
Education			
Less than High School	54	4,795	25.5 (14.2-41.3)
High School	161	13,956	21.1 (14.8-29.1)
Some College	180	19,938	24.0 (19.6-28.9)
College Grad	182	21,521	15.1 (12.4-18.3)
Employment			
Employed	277	43,899	21.9 (18.4-25.8)
Unemployed	15	†	†
Homemaker	24	3,404	21.6 (13.4-32.9)
Student	2	†	†
Retired	202	7,094	11.2 (9.4-13.3)
Unable to work	57	3,829	20.7 (15.1-27.7)
Sexual Orientation			
Straight	548	56,577	19.2 (16.7-21.9)
Gay or Lesbian	13	†	†
Bisexual	10	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 50. Prevalence estimate of Knox County adults who reported they were never worried or stressed about having enough money to pay their rent/mortgage during the past 12 months, 2018

(total n = 3,365)

	Yes Response	Weighted Response	Percent (CI)
Total	2,556	221,540	71.3 (68.3-74.1)
Gender			
Male	925	112,084	75.9 (71.1-80.2)
Female	1,631	109,446	67.1 (63.3-70.7)
Race/Ethnicity			
White	2,217	190,789	71.5 (68.3-74.6)
Black	241	15,794	71.3 (62.7-78.7)
Other race/Ethnicity	98	15,030	68.9 (55.9-79.4)
Age			
18-24 Years	17	†	†
25-34 Years	80	32,126	57.9 (49.1-66.3)
35-44 Years	274	38,836	71.0 (65.9-75.7)
45-54 Years	332	41,890	72.7 (68.0-76.9)
55-64 Years	363	38,843	76.6 (71.9-80.7)
65+ Years	1,463	52,542	85.3 (83.0-87.3)
Household Income			
Less than \$15K	120	8,788	53.0 (40.1-65.6)
\$15K-\$24,999	339	16,748	51.0 (42.8-59.1)
\$25K-\$34,999	272	18,142	54.2 (41.7-66.3)
\$35K-\$49,999	292	15,098	52.8 (43.2-62.2)
\$50K or greater	1,204	144,688	82.7 (79.7-85.3)
Education			
Less than High School	153	9,980	53.0 (38.8-66.8)
High School	636	43,403	65.6 (57.9-72.6)
Some College	690	53,086	63.8 (58.3-69.0)
College Grad	1,075	114,907	80.7 (77.2-83.8)
Employment			
Employed	946	139,188	69.9 (65.1-73.3)
Unemployed	26	1,901	39.6 (23.9-57.8)
Homemaker	103	11,664	73.9 (62.6-82.7)
Student	13	†	†
Retired	1,371	53,933	85.1 (82.7-87.2)
Unable to work	95	7,868	42.5 (33.9-51.7)
Sexual Orientation			
Straight	2,485	214,023	72.5 (69.5-75.3)
Gay or Lesbian	28	2,952	61.3 (40.3-78.8)
Bisexual	15	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 51. Prevalence estimate of Knox County adults who reported they were always or usually stressed about having enough money to buy nutritious meals during the past 12 months, 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	176	22,944	6.5 (5.1-8.3)
Gender			
Male	52	9,472	5.6 (3.8-8.2)
Female	124	13,472	7.3 (5.3-10.0)
Race/Ethnicity			
White	137	20,538	6.9 (5.2-8.9)
Black	24	1,416	5.6 (3.4-9.2)
Other race/Ethnicity	15	†	†
Age			
18-24 Years	8	†	†
25-34 Years	19	†	†
35-44 Years	28	2,800	5.0 (3.2-7.6)
45-54 Years	39	3,365	5.6 (3.9-7.9)
55-64 Years	37	3,121	5.9 (4.0-8.6)
65+ Years	43	1,599	2.4 (1.6-3.6)
Household Income			
Less than \$15K	57	5,948	25.6 (15.3-39.6)
\$15K-\$24,999	58	7,307	19.1 (13.1-27.0)
\$25K-\$34,999	14	†	†
\$35K-\$49,999	19	†	†
\$50K or greater	12	†	†
Education			
Less than High School	25	1,910	8.8 (5.3-14.4)
High School	61	7,914	9.3 (6.1-13.9)
Some College	59	10,010	10.5 (6.9-15.7)
College Grad	32	3,197	2.1 (1.3-3.3)
Employment			
Employed	60	11,985	5.4 (3.7-7.7)
Unemployed	9	†	†
Homemaker	4	†	†
Student	4	†	†
Retired	38	1,693	2.5 (1.6-3.8)
Unable to work	61	5,611	26.5 (18.8-35.8)
Sexual Orientation			
Straight	151	18,146	5.5 (4.3-7.1)
Gay or Lesbian	12	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 52. Prevalence estimate of Knox County adults who reported they were sometimes or rarely worried or stressed about having enough money to pay for nutritious meals during the past 12 months, 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	455	58,830	16.6 (14.0-19.6)
Gender			
Male	113	22,443	13.2 (9.5-18.1)
Female	342	36,386	19.7 (16.3-23.6)
Race/Ethnicity			
White	379	50,087	16.7 (13.9-19.9)
Black	56	3,220	12.8 (8.4-19.1)
Other race/Ethnicity	20	†	†
Age			
18-24 Years	19	†	†
25-34 Years	42	11,592	19.1 (13.8-25.8)
35-44 Years	78	8,181	14.5 (11.3-18.6)
45-54 Years	80	7,993	13.3 (10.5-16.9)
55-64 Years	76	6,179	11.7 (8.9-15.1)
65+ Years	155	5,271	7.9 (6.5-9.6)
Household Income			
Less than \$15K	63	4,622	19.9 (13.3-28.7)
\$15K-\$24,999	123	10,640	27.8 (20.4-36.7)
\$25K-\$34,999	60	10,611	29.3 (18.1-43.8)
\$35K-\$49,999	59	8,761	25.3 (16.4-37.0)
\$50K or greater	102	17,617	9.6 (7.1-12.8)
Education			
Less than High School	54	6,489	30.1 (17.8-46.0)
High School	143	18,317	21.5 (15.2-29.5)
Some College	143	19,357	20.4 (15.9-25.7)
College Grad	115	14,666	9.6 (6.9-13.3)
Employment			
Employed	199	40,859	18.4 (14.7-22.7)
Unemployed	17	†	†
Homemaker	23	2,854	17.7 (10.5-28.4)
Student	2	†	†
Retired	153	5,503	8.1 (6.6-9.9)
Unable to work	61	5,902	27.8 (20.3-36.9)
Sexual Orientation			
Straight	428	49,864	15.2 (12.7-18.0)
Gay or Lesbian	10	†	†
Bisexual	11	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 53. Prevalence estimate of Knox County adults who reported they were never stressed about having enough money to pay for nutritious meals during the past 12 months, 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	3,003	272,864	76.9 (73.8-79.8)
Gender			
Male	1,067	137,684	81.2 (76.3-85.3)
Female	1,936	135,180	73.1 (68.9-76.8)
Race/Ethnicity			
White	2,570	229,370	76.5 (73.1-79.5)
Black	306	20,462	81.5 (74.7-96.8)
Other race/Ethnicity	126	23,018	77.8 (63.1-87.8)
Age			
18-24 Years	40	29,630	53.8 (40.2-66.9)
25-34 Years	116	43,284	71.2 (63.5-77.8)
35-44 Years	326	45,279	80.5 (76.1-84.2)
45-54 Years	394	48,575	81.1 (77.1-84.4)
55-64 Years	422	43,746	82.5 (78.4-85.9)
65+ Years	1,672	59,742	89.7 (87.7-91.4)
Household Income			
Less than \$15K	152	12,673	54.5 (41.2-67.2)
\$15K-\$24,999	393	20,282	53.1 (44.6-61.3)
\$25K-\$34,999	348	22,774	62.9 (49.6-74.5)
\$35K-\$49,999	349	22,614	65.3 (54.5-74.8)
\$50K or greater	1,357	164,941	89.5 (86.2-92.0)
Education			
Less than High School	193	13,197	61.1 (46.9-73.6)
High School	769	59,115	69.3 (61.6-76.0)
Some College	810	65,643	69.1 (63.1-74.5)
College Grad	1,227	134,594	88.3 (84.6-91.2)
Employment			
Employed	1,135	169,570	76.2 (71.9-80.1)
Unemployed	38	4,812	60.7 (41.6-77.0)
Homemaker	110	12,861	79.9 (69.2-87.5)
Student	25	14,472	79.0 (53.1-92.6)
Retired	1,569	61,006	89.5 (87.4-91.2)
Unable to work	123	9,694	45.7 (37.1-54.6)
Sexual Orientation			
Straight	2,917	261,175	79.3 (76.4-82.0)
Gay or Lesbian	34	5,281	59.4 (32.1-81.9)
Bisexual	20	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 54. Prevalence estimate of Knox County adults who reported they were currently taking medicine or receiving treatment for any type of mental health condition, 2018

(total n = 3,328)

	Yes Response	Weighted Response	Percent (CI)
Total	521	55,082	15.5 (13.5-17.8)
Gender			
Male	118	19,770	11.6 (8.8-15.1)
Female	403	35,313	19.1 (16.3-22.2)
Race/Ethnicity			
White	468	49,261	16.4 (14.2-18.9)
Black	31	†	†
Other race/Ethnicity	23	†	†
Age			
18-24 Years	9	†	†
25-34 Years	43	12,561	20.7 (15.0-27.7)
35-44 Years	87	10,053	17.8 (14.0-22.3)
45-54 Years	88	599	16.0 (12.8-19.9)
55-64 Years	108	8,269	15.6 (12.4-19.3)
65+ Years	185	6,707	10.1 (8.5-11.9)
Household Income			
Less than \$15K	77	5,532	23.6 (16.1-33.1)
\$15K-\$24,999	105	9,290	24.3 (17.6-32.5)
\$25K-\$34,999	53	6,534	18.0 (10.5-29.3)
\$35K-\$49,999	58	5,356	15.4 (10.4-22.3)
\$50K or greater	184	24,252	13.2 (10.6-16.2)
Education			
Less than High School	45	5,366	24.8 (14.1-40.0)
High School	142	13,579	15.9 (12.0-20.7)
Some College	138	14,126	14.8 (11.6-18.9)
College Grad	197	22,099	14.5 (11.6-17.9)
Employment			
Employed	178	29,370	13.2 (10.6-16.4)
Unemployed	23	3,145	38.4 (20.5-60.1)
Homemaker	23	3,406	21.2 (13.4-31.8)
Student	4	†	†
Retired	179	7,346	10.7 (8.9-12.8)
Unable to work	112	10,020	47.3 (38.5-56.2)
Sexual Orientation			
Straight	476	48,896	14.8 (12.8-17.1)
Gay or Lesbian	26	4,075	45.8 (22.8-70.7)
Bisexual	14	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 55. Prevalence estimate of Knox County adults who reported they needed mental health treatment or counseling during the past 12 months but did not get it, 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	175	25,473	7.2 (5.7-9.0)
Gender			
Male	39	8,124	4.8 (3.2-7.1)
Female	136	17,349	9.4 (7.1-12.4)
Race/Ethnicity			
White	145	21,296	7.1 (5.5-9.1)
Black	13	†	†
Other race/Ethnicity	17	†	†
Age			
18-24 Years	9	†	†
25-34 Years	23	7,831	12.9 (8.2-19.7)
35-44 Years	41	4,574	8.1 (5.7-11.4)
45-54 Years	32	3,777	6.3 (4.2-9.3)
55-64 Years	27	1,962	3.7 (2.4-5.7)
65+ Years	41	1,207	1.8 (1.3-2.6)
Household Income			
Less than \$15K	30	2,688	11.4 (6.7-19.0)
\$15K-\$24,999	34	4,854	12.7 (8.0-19.5)
\$25K-\$34,999	23	†	†
\$35K-\$49,999	18	†	†
\$50K or greater	52	8,984	4.9 (3.4-7.0)
Education			
Less than High School	18	†	†
High School	51	7,438	8.7 (5.3-13.9)
Some College	53	7,717	8.1 (5.3-12.3)
College Grad	53	8,097	5.3 (3.7-7.6)
Employment			
Employed	84	18,134	8.2 (6.1-10.9)
Unemployed	12	†	†
Homemaker	5	†	†
Student	3	†	†
Retired	39	1,244	1.8 (1.3-2.6)
Unable to work	30	2,763	13.0 (7.6-21.5)
Sexual Orientation			
Straight	154	18,720	5.7 (4.5-7.2)
Gay or Lesbian	6	†	†
Bisexual	12	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 56. Prevalence estimate of Knox County adults who reported they have difficulty concentrating, remembering, or making decisions due to physical, mental, or emotional conditions, 2018

(total n = 3,635)

	Yes Response	Weighted Response	Percent (CI)
Total	493	47,056	13.3 (11.3-15.5)
Gender			
Male	144	17,695	10.4 (8.1-13.2)
Female	349	28,361	15.9 (13.0-19.5)
Race/Ethnicity			
White	415	39,302	13.1 (11.0-15.6)
Black	48	3,369	13.4 (8.0-21.8)
Other race/Ethnicity	30	†	†
Age			
18-24 Years	11	†	†
25-34 Years	33	11,332	18.6 (12.9-26.2)
35-44 Years	35	3,487	6.2 (4.2-9.1)
45-54 Years	65	6,550	10.9 (8.3-14.2)
55-64 Years	83	6,578	12.4 (9.6-15.9)
65+ Years	260	9,729	14.6 (12.6-16.9)
Household Income			
Less than \$15K	89	7,059	30.0 (21.1-40.8)
\$15K-\$24,999	112	8,795	23.0 (16.4-31.3)
\$25K-\$34,999	68	6,871	19.6 (11.9-30.6)
\$35K-\$49,999	55	5,107	14.8 (8.5-24.3)
\$50K or greater	90	11,210	6.1 (4.4-8.4)
Education			
Less than High School	78	7,914	36.6 (24.7-50.4)
High School	152	16,268	19.0 (14.1-25.1)
Some College	145	12,499	13.3 (10.1-17.2)
College Grad	118	10,375	6.8 (5.0-9.1)
Employment			
Employed	108	22,901	10.4 (7.7-13.7)
Unemployed	21	2,378	29.0 (16.5-45.8)
Homemaker	7	†	†
Student	3	†	†
Retired	238	9,090	13.2 (11.3-15.4)
Unable to work	114	11,155	52.6 (43.8-61.4)
Sexual Orientation			
Straight	462	40,616	12.3 (10.4-14.5)
Gay or Lesbian	14	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 57. Prevalence estimate of Knox County adults who reported they were told by a health professional they have a depressive disorder, 2018

(total n = 3,646)

	Yes Response	Weighted Response	Percent (CI)
Total	924	91,764	25.9 (23.4-28.7)
Gender			
Male	223	32,690	19.3 (15.8-23.4)
Female	701	59,074	32.0 (28.5-35.7)
Race/Ethnicity			
White	786	79,083	26.4 (23.6-29.3)
Black	84	5,031	20.6 (14.0-29.1)
Other race/Ethnicity	55	7,737	26.1 (16.7-38.3)
Age			
18-24 Years	18	†	†
25-34 Years	61	18,675	30.9 (24.0-38.9)
35-44 Years	130	15,411	27.2 (22.7-32.3)
45-54 Years	137	14,526	24.3 (20.4-28.7)
55-64 Years	177	14,317	26.9 (22.7-31.6)
65+ Years	399	13,546	20.3 (18.1-22.7)
Household Income			
Less than \$15K	129	9,384	41.7 (30.3-54.0)
\$15K-\$24,999	197	15,611	41.2 (33.0-49.9)
\$25K-\$34,999	112	12,178	33.9 (24.1-45.2)
\$35K-\$49,999	98	10,640	30.6 (21.8-41.2)
\$50K or greater	285	35,734	19.4 (16.5-22.7)
Education			
Less than High School	89	10,172	47.1 (34.3-60.3)
High School	271	25,206	29.8 (24.1-36.4)
Some College	256	24,447	25.7 (21.4-39.6)
College Grad	309	32,027	21.0 (17.8-24.6)
Employment			
Employed	316	53,390	24.2 (20.7-28.0)
Unemployed	26	4,734	57.8 (39.0-74.6)
Homemaker	40	4,769	29.6 (20.7-40.3)
Student	4	†	†
Retired	371	13,739	20.0 (17.7-22.5)
Unable to work	156	14,065	66.7 (58.4-74.1)
Sexual Orientation			
Straight	857	77,645	23.7 (21.3-26.2)
Gay or Lesbian	29	4,494	50.5 (26.1-74.8)
Bisexual	27	7,976	70.0 (43.0-87.8)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 58. Prevalence estimate of Knox County adults who reported they participated in physical activities outside of work during the last month, 2018

(total n = 3,631)

	Yes Response	Weighted Response	Percent (CI)
Total	2,623	280,686	79.1 (76.7-81.3)
Gender			
Male	977	142,776	84.0 (80.7-86.5)
Female	1,646	137,910	74.6 (71.1-77.8)
Race/Ethnicity			
White	2,233	240,071	79.9 (77.6-82.1)
Black	269	19,434	77.5 (69.0-84.2)
Other race/Ethnicity	120	21,164	71.4 (56.8-82.6)
Age			
18-24 Years	55	4,544	82.7 (70.6-90.5)
25-34 Years	146	50,028	82.3 (74.8-87.9)
35-44 Years	377	50,509	89.2 (85.4-82.1)
45-54 Years	409	48,632	81.2 (76.8-84.8)
55-64 Years	382	38,536	72.7 (67.6-77.3)
65+ Years	1,222	44,895	67.7 (65.0-70.2)
Household Income			
Less than \$15K	162	13,498	57.8 (44.1-70.3)
\$15K-\$24,999	338	24,678	64.9 (56.8-72.2)
\$25K-\$34,999	269	24,045	66.8 (55.8-76.2)
\$35K-\$49,999	299	26,868	77.4 (70.4-83.1)
\$50K or greater	1,243	164,208	89.1 (86.9-90.9)
Education			
Less than High School	129	9,793	45.8 (33.3-58.7)
High School	600	58,716	68.7 (62.4-74.4)
Some College	742	77,419	81.4 (77.5-84.7)
College Grad	1,149	134,471	88.0 (85.3-90.3)
Employment			
Employed	1,160	191,600	86.1 (83.2-88.6)
Unemployed	44	4,720	57.6 (36.8-76.0)
Homemaker	111	12,321	82.2 (71.8-89.3)
Student	23	14,147	77.2 (54.0-90.7)
Retired	1,157	46,236	67.5 (64.4-70.4)
Unable to work	126	10,316	49.2 (40.3-58.2)
Sexual Orientation			
Straight	2,520	260,929	79.2 (76.9-81.4)
Gay or Lesbian	41	6,118	68.8 (40.7-87.6)
Bisexual	34	10,065	88.3 (68.5-96.3)

2018 Knox County Behavioral Risk Factor Survey

Table 59. Prevalence estimate of Knox County adults who reported no participation in physical activities outside of work during the last month, 2018

(total n = 3,631)

	Yes Response	Weighted Response	Percent (CI)
Total	1,008	74,327	20.9 (18.7-23.3)
Gender			
Male	256	27,274	16.0 (13.3-19.3)
Female	752	47,053	25.4 (22.3-28.9)
Race/Ethnicity			
White	851	60,261	20.1 (17.9-22.4)
Black	116	5,655	22.5 (15.8-31.0)
Other race/Ethnicity	41	8,483	28.6 (17.4-43.2)
Age			
18-24 Years	12	†	†
25-34 Years	31	10,779	17.7 (12.1-25.2)
35-44 Years	57	6,121	10.8 (7.9-14.6)
45-54 Years	104	11,300	18.9 (15.2-23.2)
55-64 Years	152	14,452	27.3 (22.7-32.4)
65+ Years	643	21,462	32.3 (29.8-35.0)
Household Income			
Less than \$15K	109	9,874	43.3 (29.7-55.9)
\$15K-\$24,999	234	13,358	35.1 (27.8-43.2)
\$25K-\$34,999	150	11,979	33.3 (23.9-44.2)
\$35K-\$49,999	128	7,852	22.6 (16.9-29.6)
\$50K or greater	226	20,103	10.9 (9.1-13.1)
Education			
Less than High School	143	11,613	54.3 (41.3-66.7)
High School	369	26,747	31.3 (25.6-37.6)
Some College	271	17,751	18.7 (15.3-22.5)
College Grad	226	18,304	12.0 (9.7-14.7)
Employment			
Employed	233	30,856	13.9 (11.4-26.8)
Unemployed	22	3,473	42.4 (24.0-63.2)
Homemaker	26	2,875	17.9 (10.7-28.2)
Student	8	†	†
Retired	601	22,266	32.5 (29.6-35.6)
Unable to work	117	10,655	50.8 (41.8-59.7)
Sexual Orientation			
Straight	971	68,407	20.8 (18.6-23.1)
Gay or Lesbian	15	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 60. Prevalence estimate of Knox County adults who reported they were told by a health professional they have hypertension or high blood pressure (excludes borderline hypertension, pregnancy-related hypertension or temporary forms of hypertension), 2018

(total n = 3,638)

	Yes Response	Weighted Response	Percent (CI)
Total	1,921	123,837	34.9 (32.4-37.5)
Gender			
Male	627	63,773	37.5 (33.4-41.7)
Female	1,294	60,064	32.5 (29.5-35.8)
Race/Ethnicity			
White	1,578	103,979	34.6 (32.0-37.4)
Black	270	10,502	41.9 (33.1-51.2)
Other race/Ethnicity	72	9,412	31.7 (20.3-45.8)
Age			
18-24 Years	7	†	†
25-34 Years	30	9,469	15.6 (10.5-22.5)
35-44 Years	102	14,248	25.2 (20.6-30.4)
45-54 Years	183	19,765	33.0 (28.4-37.9)
55-64 Years	298	28,849	54.2 (48.8-59.6)
65+ Years	1,281	43,881	65.9 (63.1-68.5)
Household Income			
Less than \$15K	181	10,366	44.2 (32.3-56.7)
\$15K-\$24,999	367	17,846	46.7 (38.7-54.8)
\$25K-\$34,999	271	12,345	34.1 (26.1-43.1)
\$35K-\$49,999	242	13,162	37.9 (29.8-46.8)
\$50K or greater	592	56,333	30.6 (27.4-33.9)
Education			
Less than High School	173	10,282	47.6 (35.3-60.2)
High School	597	34,543	40.6 (34.6-46.9)
Some College	555	34,136	35.8 (31.0-41.0)
College Grad	597	44,964	29.5 (26.2-32.9)
Employment			
Employed	467	56,206	25.3 (22.3-28.5)
Unemployed	26	3,716	45.4 (26.9-65.2)
Homemaker	48	4,071	25.3 (17.7-34.8)
Student	3	†	†
Retired	1,214	44,636	65.0 (61.8-68.0)
Unable to work	164	13,613	66.3 (57.9-73.8)
Sexual Orientation			
Straight	1,864	115,888	35.1 (32.7-37.7)
Gay or Lesbian	25	†	†
Bisexual	13	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 61. Among Knox County adults with hypertension or high blood pressure, the prevalence estimate who currently take medicine for their condition, 2018

(total n = 1,919)

	Yes Response	Weighted Response	Percent (CI)
Total	1,667	90,939	73.5 (68.7-77.8)
Gender			
Male	520	44,686	70.1 (63.1-76.3)
Female	1,147	46,254	77.1 (70.5-82.6)
Race/Ethnicity			
White	1,366	78,133	75.2 (70.6-79.3)
Black	247	8,609	82.0 (73.1-88.4)
Other race/Ethnicity	53	4,254	45.2 (24.1-68.2)
Age			
18-24 Years	1	†	†
25-34 Years	5	†	†
35-44 Years	54	8,197	57.5 (46.1-68.1)
45-54 Years	137	14,569	73.7 (65.6-80.5)
55-64 Years	258	24,726	85.9 (79.8-90.3)
65+ Years	1,196	40,866	93.2 (91.2-94.8)
Household Income			
Less than \$15K	151	7,952	77.1 (63.1-86.9)
\$15K-\$24,999	322	12,596	70.6 (57.3-81.1)
\$25K-\$34,999	247	10,853	87.9 (79.5-93.2)
\$35K-\$49,999	219	9,697	73.7 (54.3-86.8)
\$50K or greater	488	39,307	69.8 (63.1-75.7)
Education			
Less than High School	160	8,377	81.5 (51.2-94.9)
High School	525	25,719	74.6 (65.0-82.3)
Some College	481	24,093	70.6 (60.5-79.0)
College Grad	502	32,837	73.1 (66.6-78.8)
Employment			
Employed	332	34,096	60.7 (53.6-67.4)
Unemployed	20	†	†
Homemaker	42	3,068	75.4 (53.7-89.0)
Student	1	†	†
Retired	1,134	41,412	92.9 (90.5-94.7)
Unable to work	139	10,636	78.5 (64.8-87.8)
Sexual Orientation			
Straight	1,623	88,025	76.0 (72.0-79.6)
Gay or Lesbian	21	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 62. Prevalence estimate of Knox County adults who reported they were told by a health professional they have had a heart attack, 2018

(total n = 3,644)

	Yes Response	Weighted Response	Percent (CI)
Total	263	14,014	3.9 (3.3-4.7)
Gender			
Male	114	7,566	4.4 (3.5-5.7)
Female	149	6,447	3.5 (2.8-4.4)
Race/Ethnicity			
White	225	11,429	3.8 (3.2-4.6)
Black	24	1,270	5.1 (3.0-8.3)
Other race/Ethnicity	15	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	4	†	†
45-54 Years	16	†	†
55-64 Years	38	3,583	6.8 (4.5-10.1)
65+ Years	200	7,997	12.0 (10.2-14.0)
Household Income			
Less than \$15K	36	1,765	7.5 (4.7-11.9)
\$15K-\$24,999	44	2,106	5.5 (3.8-8.0)
\$25K-\$34,999	37	1,797	5.0 (3.1-8.0)
\$35K-\$49,999	29	1,806	5.2 (3.0-8.8)
\$50K or greater	69	4,375	2.4 (1.7-3.3)
Education			
Less than High School	28	2,011	9.3 (5.2-16.1)
High School	86	4,269	5.0 (3.6-6.8)
Some College	77	3,777	4.0 (2.9-5.4)
College Grad	72	3,981	2.6 (1.9-3.5)
Employment			
Employed	34	2,779	1.3 (0.8-1.9)
Unemployed	1	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	189	7,656	11.2 (9.4-13.2)
Unable to work	36	3,034	14.3 (9.3-21.5)
Sexual Orientation			
Straight	250	12,978	3.9 (3.3-4.7)
Gay or Lesbian	5	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 63. Prevalence estimate of Knox County adults who reported they were told by a health professional they have had a stroke, 2018

(total n = 3,686)

	Yes Response	Weighted Response	Percent (CI)
Total	231	12,691	3.6 (2.9-4.4)
Gender			
Male	60	5,346	3.1 (2.2-4.4)
Female	171	7,344	4.0 (3.1-5.0)
Race/Ethnicity			
White	205	10,987	3.7 (3.0-4.5)
Black	20	†	†
Other race/Ethnicity	7	†	†
Age			
18-24 Years	0	†	†
25-34 Years	4	†	†
35-44 Years	5	†	†
45-54 Years	15	†	†
55-64 Years	23	2,179	4.1 (2.4-6.9)
65+ Years	182	6,924	10.4 (8.6-12.5)
Household Income			
Less than \$15K	26	1,138	4.8 (2.8-8.3)
\$15K-\$24,999	55	2,484	6.5 (4.4-9.5)
\$25K-\$34,999	45	2,687	7.4 (4.7-11.6)
\$35K-\$49,999	23	†	†
\$50K or greater	45	2,416	1.3 (0.8-2.1)
Education			
Less than High School	30	1,868	8.6 (4.9-14.8)
High School	66	2,879	3.4 (2.3-4.8)
Some College	78	4,768	5.0 (3.6-7.0)
College Grad	58	3,264	2.1 (1.4-3.2)
Employment			
Employed	24	2,548	1.2 (0.7-2.0)
Unemployed	2	†	†
Homemaker	4	†	†
Student	1	†	†
Retired	175	6,979	10.2 (8.4-12.3)
Unable to work	26	2,415	11.4 (6.8-18.4)
Sexual Orientation			
Straight	225	12,123	3.7 (3.0-4.5)
Gay or Lesbian	4	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 64. Prevalence estimate of Knox County adults who reported they have been told by a health professional they had angina or coronary heart disease, 2018

(total n = 3,619)

	Yes Response	Weighted Response	Percent (CI)
Total	328	16,291	4.6 (3.9-5.4)
Gender			
Male	141	8,994	5.3 (4.2-6.7)
Female	187	7,297	4.0 (3.2-4.9)
Race/Ethnicity			
White	287	14,358	4.8 (4.1-5.6)
Black	27	957	3.8 (2.2-6.6)
Other race/Ethnicity	14	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	1	†	†
45-54 Years	19	†	†
55-64 Years	36	3,495	6.6 (4.4-9.9)
65+ Years	269	10,301	15.6 (13.6-18.9)
Household Income			
Less than \$15K	32	1,575	6.8 (4.1-11.0)
\$15K-\$24,999	70	2,637	6.9 (5.0-9.5)
\$25K-\$34,999	51	2,358	6.7 (4.4-10.0)
\$35K-\$49,999	40	2,000	5.8 (3.6-9.2)
\$50K or greater	82	4,806	2.6 (2.0-3.5)
Education			
Less than High School	46	2,649	12.8 (8.2-19.6)
High School	103	4,582	5.4 (4.0-7.2)
Some College	84	3,667	3.8 (2.8-5.0)
College Grad	94	5,430	3.6 (2.7-4.7)
Employment			
Employed	36	2,467	1.1 (0.7-1.7)
Unemployed	1	†	†
Homemaker	8	†	†
Student	0	†	†
Retired	258	10,638	15.6 (13.4-18.1)
Unable to work	24	2,112	10.1 (6.0-16.7)
Sexual Orientation			
Straight	315	15,055	4.6 (3.9-5.3)
Gay or Lesbian	6	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 65. Prevalence estimate of Knox County adults who reported they have diabetes, excluding pregnancy-related or prediabetes, 2018

(total n = 3,640)

	Yes Response	Weighted Response	Percent (CI)
Total	655	39,961	11.2 (9.9-12.7)
Gender			
Male	244	20,074	11.8 (9.7-14.2)
Female	411	19,887	10.8 (9.2-12.5)
Race/Ethnicity			
White	513	32,656	10.9 (9.5-12.4)
Black	113	4,318	17.2 (12.3-23.7)
Other race/Ethnicity	30	†	†
Age			
18-24 Years	1	†	†
25-34 Years	7	†	†
35-44 Years	24	2,931	5.2 (3.1-8.6)
45-54 Years	51	5,824	9.8 (7.0-13.4)
55-64 Years	115	11,681	22.0 (17.6-27.0)
65+ Years	450	15,953	23.9 (21.6-26.4)
Household Income			
Less than \$15K	72	3,462	14.7 (9.7-21.7)
\$15K-\$24,999	140	6,732	17.6 (13.3-22.9)
\$25K-\$34,999	88	4,504	12.4 (8.6-16.7)
\$35K-\$49,999	83	4,001	11.5 (8.3-15.8)
\$50K or greater	173	15,864	8.6 (6.9-10.7)
Education			
Less than High School	70	2,554	16.4 (11.3-23.3)
High School	215	12,084	14.1 (11.1-17.7)
Some College	196	13,075	13.8 (10.9-17.2)
College Grad	175	11,335	7.4 (6.0-9.2)
Employment			
Employed	130	16,110	7.2 (5.7-9.2)
Unemployed	5	†	†
Homemaker	13	†	†
Student	1	†	†
Retired	435	17,586	25.5 (22.8-28.5)
Unable to work	72	5,139	24.5 (18.1-32.2)
Sexual Orientation			
Straight	633	37,259	11.3 (10.0-12.8)
Gay or Lesbian	11	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 66. Average age when diagnosed with diabetes reported by Knox County adults with the disease, 2018

(total n = 615)

	N	Average Age (CI)
Total	615	47.4 (46.6-48.1)
Gender		
Male	231	47.7 (46.3-49.1)
Female	383	47.0 (44.5-49.1)
Race/Ethnicity		
White	484	48.6 (47.8-49.4)
Black	101	47.9 (44.0-51.8)
Other race/Ethnicity	30	34.3 (30.3-38.3)
Age		
18-24 Years	1	†
25-34 Years	7	†
35-44 Years	23	28.8 (26.0-31.6)
45-54 Years	51	40.1 (38.3-41.9)
55-64 Years	111	47.1 (46.1-48.1)
65+ Years	415	59.1 (58.3-59.9)
Household Income		
Less than \$15K	67	43.5 (38.0-49.0)
\$15K-\$24,999	133	50.6 (45.3-55.9)
\$25K-\$34,999	83	50.8 (48.4-53.2)
\$35K-\$49,999	81	50.8 (44.8-56.8)
\$50K or greater	168	44.3 (42.9-45.7)
Education		
Less than High School	62	54.0 (51.7-56.3)
High School	204	48.4 (45.7-51.1)
Some College	183	44.3 (40.2-48.4)
College Grad	166	47.8 (46.2-49.4)
Employment		
Employed	128	38.0 (35.8-40.2)
Unemployed	5	†
Homemaker	12	†
Student	1	†
Retired	399	57.9 (56.9-58.9)
Unable to work	70	43.7 (42.3-45.1)
Sexual Orientation		
Straight	593	48.9 (48.2-49.6)
Gay or Lesbian	11	†
Bisexual	4	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 67. Among Knox County adults not currently diagnosed with diabetes, the prevalence estimate who responded they had a test for high blood sugar within the past three years, 2018

(total n = 2,834)

	Yes Response	Weighted Response	Percent (CI)
Total	2,023	190,628	63.9 (60.4-67.3)
Gender			
Male	669	88,564	62.1 (56.7-67.3)
Female	1,354	102,063	65.6 (61.0-69.8)
Race/Ethnicity			
White	1,745	163,829	64.7 (61.1-68.2)
Black	196	13,120	68.1 (53.5-79.8)
Other race/Ethnicity	81	13,564	53.0 (38.0-67.4)
Age			
18-24 Years	25	21,724	42.0 (29.0-56.3)
25-34 Years	95	31,983	60.3 (51.3-68.8)
35-44 Years	245	32,517	63.6 (58.0-68.8)
45-54 Years	316	36,899	71.2 (66.1-75.8)
55-64 Years	299	28,682	73.0 (67.1-78.2)
65+ Years	1,025	27,561	77.7 (74.9-80.2)
Household Income			
Less than \$15K	128	174,081	49.2 (33.9-64.7)
\$15K-\$24,999	296	9,540	75.8 (68.0-82.3)
\$25K-\$34,999	232	18,585	62.5 (49.7-73.8)
\$35K-\$49,999	232	17,664	63.2 (52.0-73.1)
\$50K or greater	917	105,536	66.0 (61.5-70.2)
Education			
Less than High School	131	9,971	59.3 (43.1-73.7)
High School	492	42,418	62.4 (54.1-70.0)
Some College	551	49,034	62.4 (55.9-68.9)
College Grad	846	89,056	66.2 (61.2-70.9)
Employment			
Employed	819	119,706	61.7 (57.2-66.1)
Unemployed	43	5,072	69.6 (49.0-84.5)
Homemaker	79	9,575	67.0 (55.1-77.0)
Student	14	†	†
Retired	945	36,802	75.6 (72.3-78.6)
Unable to work	122	11,854	75.4 (65.7-83.1)
Sexual Orientation			
Straight	1,956	178,785	64.0 (60.5-67.4)
Gay or Lesbian	25	4,735	73.1 (48.5-88.7)
Bisexual	21	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 68. Prevalence estimate of Knox County adults (18+ years) who responded they have been told by a health care provider they have prediabetes or borderline diabetes, 2018

(total n = 2,917)

	Yes Response	Weighted Response	Percent (CI)
Total	287	22,660	7.4 (6.2-8.8)
Gender			
Male	95	10,568	7.2 (5.5-9.4)
Female	192	12,092	7.5 (6.0-9.5)
Race/Ethnicity			
White	233	18,904	7.2 (5.9-8.7)
Black	39	1,686	8.3 (5.0-13.6)
Other race/Ethnicity	15	†	†
Age			
18-24 Years	2	†	†
25-34 Years	11	†	†
35-44 Years	28	3,200	6.0 (3.9-9.2)
45-54 Years	43	4,814	9.0 (6.5-12.5)
55-64 Years	51	4,975	12.2 (8.5-17.0)
65+ Years	148	5,369	11.0 (9.0-13.3)
Household Income			
Less than \$15K	26	†	†
\$15K-\$24,999	45	1,983	6.7 (4.5-9.7)
\$25K-\$34,999	31	1,726	5.6 (3.3-9.3)
\$35K-\$49,999	34	1,790	6.0 (3.7-9.8)
\$50K or greater	123	13,684	8.2 (6.4-10.5)
Education			
Less than High School	18	†	†
High School	71	5,594	8.0 (5.4-11.6)
Some College	91	5,511	7.0 (5.2-9.3)
College Grad	107	10,494	7.5 (5.7-9.8)
Employment			
Employed	108	13,095	6.4 (5.0-8.2)
Unemployed	10	†	†
Homemaker	9	†	†
Student	2	†	†
Retired	139	5,615	11.4 (9.2-14.1)
Unable to work	19	†	†
Sexual Orientation			
Straight	276	21,716	7.5 (6.3-9.0)
Gay or Lesbian	5	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 69. Among Knox County adults with diabetes, the prevalence estimate who reported they are currently taking insulin, 2018

(total n = 655)

	Yes Response	Weighted Response	Percent (CI)
Total	187	11,923	29.8 (24.5-35.8)
Gender			
Male	77	5,123	25.5 (18.7-33.8)
Female	110	6,800	34.2 (26.7-43.5)
Race/Ethnicity			
White	150	10,030	30.7 (24.9-37.2)
Black	28	822	19.0 (10.8-31.3)
Other race/Ethnicity	10	†	†
Age			
18-24 Years	1	†	†
25-34 Years	3	†	†
35-44 Years	6	†	†
45-54 Years	15	†	†
55-64 Years	32	3,439	29.4 (19.7-41.6)
65+ Years	125	4,133	25.9 (21.4-31.1)
Household Income			
Less than \$15K	25	1,135	32.8 (19.0-50.4)
\$15K-\$24,999	35	1,914	28.4 (17.5-42.7)
\$25K-\$34,999	27	1,823	40.5 (24.8-58.4)
\$35K-\$49,999	22	1,136	28.4 (16.1-44.9)
\$50K or greater	47	3,890	24.5 (16.8-34.4)
Education			
Less than High School	25	1,537	43.2 (28.2-58.6)
High School	54	3,161	26.2 (17.5-37.2)
Some College	59	4,150	31.7 (21.9-43.6)
College Grad	50	3,163	27.9 (19.4-38.3)
Employment			
Employed	34	4,549	28.2 (18.6-40.4)
Unemployed	2	†	†
Homemaker	2	†	†
Student	0	†	†
Retired	126	4,974	28.3 (22.8-34.5)
Unable to work	24	2,267	44.1 (29.0-60.4)
Sexual Orientation			
Straight	177	9,884	26.5 (21.8-31.9)
Gay or Lesbian	5	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 70. Among Knox County adults with diabetes, the prevalence estimate who reported they saw a health care professional one or more times for their diabetes during the past 12 months, 2018

(total n = 639)

	Yes Response	Weighted Response	Percent (CI)
Total	578	35,003	89.3 (84.1-92.9)
Gender			
Male	210	16,897	86.1 (76.5-92.2)
Female	368	18,106	92.4 (87.5-95.5)
Race/Ethnicity			
White	449	28,596	89.5 (84.6-93.0)
Black	102	4,052	94.1 (87.6-97.4)
Other race/ethnicity	28	2,442	80.1 (34.3-96.9)
Age			
18-24 Years	1	†	†
25-34 Years	6	†	†
35-44 Years	19	†	†
45-54 Years	46	5,551	95.3 (88.4-98.2)
55-64 Years	104	10,039	87.3 (74.4-94.2)
65+ Years	397	14,000	90.8 (86.9-93.7)
Household Income			
Less than \$15K	62	2,857	87.2 (72.9-94.6)
\$15K-\$24,999	126	5,890	87.8 (74.8-94.6)
\$25K-\$34,999	77	4,111	91.3 (82.8-95.8)
\$35K-\$49,999	73	3,570	90.6 (79.4-96.0)
\$50K or greater	157	13,836	87.2 (75.0-94.0)
Education			
Less than High School	62	3,163	94.2 (85.4-97.9)
High School	186	10,578	89.1 (81.9-93.7)
Some College	173	11,525	89.1 (75.6-95.6)
College Grad	158	9,824	88.1 (76.6-94.4)
Employment			
Employed	117	14,204	88.3 (76.1-94.7)
Unemployed	5	†	†
Homemaker	11	†	†
Student	0	†	†
Retired	382	15,080	88.5 (82.4-92.6)
Unable to work	64	4,689	94.5 (87.2-97.7)
Sexual Orientation			
Straight	558	32,465	88.9 (83.4-92.7)
Gay or Lesbian	10	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 71. Among Knox County adults with diabetes, the prevalence estimate who reported they had one or more A1C tests during the past three months, 2018

(total n = 618)

	Yes Response	Weighted Response	Percent (CI)
Total	592	36,079	94.4 (89.3-97.2)
Gender			
Male	227	18,575	95.7 (83.6-99.0)
Female	365	17,504	93.1 (87.5-96.3)
Race/Ethnicity			
White	462	29,728	95.2 (91.6-97.3)
Black	102	3,970	99.3 (97.5-99.8)
Other race/Ethnicity	29	2,469	80.3 (34.6-96.9)
Age			
18-24 Years	1	†	†
25-34 Years	6	†	†
35-44 Years	21	2,600	92.1 (71.1-98.2)
45-54 Years	50	5,758	98.9 (92.3-99.9)
55-64 Years	100	10,189	91.6 (82.0-96.3)
65+ Years	408	14,653	98.0 (96.2-98.9)
Household Income			
Less than \$15K	60	2,770	89.9 (73.6-96.6)
\$15K-\$24,999	120	5,593	87.9 (74.2-94.9)
\$25K-\$34,999	83	4,373	98.4 (92.9-99.7)
\$35K-\$49,999	80	3,933	98.9 (95.6-99.7)
\$50K or greater	168	14,937	95.2 (79.4-99.1)
Education			
Less than High School	57	2,872	96.9 (90.8-99.0)
High School	184	10,571	92.0 (84.4-96.1)
Some College	182	11,664	91.7 (75.8-97.5)
College Grad	170	11,059	99.4 (96.4-99.9)
Employment			
Employed	120	14,664	92.4 (79.6-97.4)
Unemployed	5	†	†
Homemaker	13	†	†
Student	1	†	†
Retired	391	15,743	95.3 (90.4-97.8)
Unable to work	63	4,545	96.9 (90.1-99.1)
Sexual Orientation			
Straight	572	33,674	94.8 (89.4-97.6)
Gay or Lesbian	10	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 72. Among Knox County adults with diabetes, the prevalence estimate who reported they had a dilated eye exam during the past 12 months, 2018

(total n = 642)

	Yes Response	Weighted Response	Percent (CI)
Total	490	29,399	75.0 (69.2-80.1)
Gender			
Male	189	16,061	82.1 (73.4-88.4)
Female	301	13,338	68.0 (59.9-75.1)
Race/Ethnicity			
White	381	23,933	75.0 (68.8-80.4)
Black	92	3,630	84.1 (73.5-91.0)
Other race/Ethnicity	17	†	†
Age			
18-24 Years	0	†	†
25-34 Years	5	†	†
35-44 Years	13	†	†
45-54 Years	31	4,144	73.5 (58.1-84.8)
55-64 Years	83	8,470	73.5 (61.9-82.5)
65+ Years	353	12,678	81.7 (76.9-85.6)
Household Income			
Less than \$15K	42	1,942	58.5 (41.3-73.8)
\$15K-\$24,999	95	4,388	65.9 (53.0-76.9)
\$25K-\$34,999	65	2,228	75.7 (58.4-87.4)
\$35K-\$49,999	69	3,540	89.1 (78.7-94.7)
\$50K or greater	144	12,543	80.1 (68.6-88.2)
Education			
Less than High School	43	2,133	63.2 (47.5-76.6)
High School	161	9,124	76.1 (65.9-83.9)
Some College	143	8,849	70.1 (57.2-80.5)
College Grad	143	9,193	82.4 (73.3-88.9)
Employment			
Employed	96	11,681	73.4 (61.1-82.8)
Unemployed	5	†	†
Homemaker	9	†	†
Student	0	†	†
Retired	341	14,036	81.5 (76.1-86.0)
Unable to work	39	2,762	56.0 (39.8-71.0)
Sexual Orientation			
Straight	477	27,833	76.2 (70.6-81.0)
Gay or Lesbian	8	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 73. Among Knox County adults with diabetes, the prevalence estimate who reported a health care provider diagnosed them with retinopathy, 2018

(total n = 645)

	Yes Response	Weighted Response	Percent (CI)
Total	111	6,300	16.1 (12.1-21.1)
Gender			
Male	43	2,988	15.2 (9.9-22.7)
Female	68	3,311	17.0 (11.6-24.1)
Race/Ethnicity			
White	86	5,495	17.2 (12.6-23.1)
Black	20	†	†
Other race/Ethnicity	6	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	2	†	†
45-54 Years	5	†	†
55-64 Years	16	†	†
65+ Years	85	3,050	19.6 (15.4-24.5)
Household Income			
Less than \$15K	18	†	†
\$15K-\$24,999	28	1,939	30.1 (17.4-46.8)
\$25K-\$34,999	17	†	†
\$35K-\$49,999	10	†	†
\$50K or greater	22	1,260	8.0 (4.8-13.0)
Education			
Less than High School	19	†	†
High School	34	1,353	11.3 (7.2-17.2)
Some College	37	2,723	21.2 (12.8-33.0)
College Grad	22	1,478	13.5 (7.5-23.3)
Employment			
Employed	14	†	†
Unemployed	1	†	†
Homemaker	4	†	†
Student	1	†	†
Retired	76	3,510	20.4 (14.7-27.6)
Unable to work		†	†
Sexual Orientation			
Straight	107	5,295	14.5 (11.0-19.9)
Gay or Lesbian	1	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 74. Prevalence estimate of Knox County adults who reported they were told by a health professional they have kidney disease, excluding bladder stones, bladder infections, or incontinence, 2018

(total n = 3,637)

	Yes Response	Weighted Response	Percent (CI)
Total	254	16,521	4.7 (3.6-6.0)
Gender			
Male	84	7,276	4.3 (3.1-5.9)
Female	170	9,245	5.0 (3.5-7.2)
Race/Ethnicity			
White	220	15,166	5.0 (3.9-6.6)
Black	28	726	2.9 (1.7-4.9)
Other race/Ethnicity	6	†	†
Age			
18-24 Years	2	†	†
25-34 Years	6	†	†
35-44 Years	6	†	†
45-54 Years	17	†	†
55-64 Years	37	3,734	7.0 (4.7-10.5)
65+ Years	186	6,387	9.6 (8.1-11.3)
Household Income			
Less than \$15K	28	1,661	7.1 (4.0-12.3)
\$15K-\$24,999	56	3,305	8.6 (5.4-13.4)
\$25K-\$34,999	33	†	†
\$35K-\$49,999	35	17,777	5.1 (3.0-8.6)
\$50K or greater	68	4,815	2.6 (1.9-3.7)
Education			
Less than High School	33	†	†
High School	82	3,771	4.4 (3.1-6.1)
Some College	60	3,852	4.1 (2.5-6.6)
College Grad	79	5,324	3.5 (2.5-4.8)
Employment			
Employed	33	†	†
Unemployed	5	†	†
Homemaker	1	†	†
Student	1	†	†
Retired	174	7,081	10.3 (8.3-12.7)
Unable to work	40	3,509	16.7 (11.2-24.1)
Sexual Orientation			
Straight	248	15,122	4.6 (3.5-5.9)
Gay or Lesbian	2	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 75. Prevalence estimate of Knox County adults who reported they visited a dentist for any reason during the past 12 months, 2018

(total n = 3,602)

	Yes Response	Weighted Response	Percent (CI)
Total	2,425	251,793	71.3 (68.7-73.2)
Gender			
Male	837	123,663	73.2 (69.2-76.8)
Female	1,588	128,130	70.0 (66.0-73.1)
Race/Ethnicity			
White	2,113	214,121	71.7 (68.9-74.4)
Black	202	16,065	64.7 (55.4-72.9)
Other race/Ethnicity	110	21,608	72.9 (60.2-82.8)
Age			
18-24 Years	50	42,142	76.5 (64.0-85.7)
25-34 Years	117	41,398	68.1 (59.9-75.3)
35-44 Years	315	42,034	74.6 (69.5-79.0)
45-54 Years	384	46,381	77.6 (73.1-81.5)
55-64 Years	330	34,442	65.6 (60.2-70.6)
65+ Years	1,199	42,830	65.7 (62.9-68.5)
Household Income			
Less than \$15K	110	226,162	54.6 (41.7-67.0)
\$15K-\$24,999	253	12,621	42.9 (34.9-51.4)
\$25K-\$34,999	256	16,244	59.6 (48.8-69.6)
\$35K-\$49,999	304	22,047	63.8 (53.5-73.0)
\$50K or greater	1,220	153,755	83.6 (80.7-86.2)
Education			
Less than High School	66	5,710	27.4 (16.3-42.4)
High School	553	52,749	62.4 (55.8-68.6)
Some College	669	65,676	69.2 (64.2-73.9)
College Grad	1,134	127,408	83.5 (80.3-86.3)
Employment			
Employed	1,030	163,916	73.9 (70.1-77.3)
Unemployed	33	4,483	54.7 (36.2-72.0)
Homemaker	94	12,162	75.9 (65.6-84.0)
Student	29	17,555	95.8 (77.3-99.4)
Retired	1,150	45,776	68.1 (65.1-70.9)
Unable to work	86	7,367	35.4 (27.3-55.2)
Sexual Orientation			
Straight	2,353	238,394	72.8 (70.2-75.2)
Gay or Lesbian	29	5,483	61.9 (37.8-81.3)
Bisexual	20	4,797	42.1 (20.9-66.6)

2018 Knox County Behavioral Risk Factor Survey

Table 76. Prevalence estimate of Knox County adults who reported they visited a dentist for any reason during the past 2 years (but not in the last year), 2018

(total n = 3,602)

	Yes Response	Weighted Response	Percent (CI)
Total	341	34,427	9.7 (8.0-11.8)
Gender			
Male	121	15,752	9.3 (7.0-12.3)
Female	220	18,674	10.1 (7.8-13.1)
Race/Ethnicity			
White	274	29,763	10.0 (8.1-12.2)
Black	55	3,486	14.0 (8.4-22.3)
Other race/Ethnicity	11	†	†
Age			
18-24 Years	8	†	†
25-34 Years	15	†	†
35-44 Years	45	5,117	9.1 (6.5-12.6)
45-54 Years	36	4,460	7.5 (5.0-11.1)
55-64 Years	63	6,552	12.5 (9.1-16.8)
65+ Years	170	5,685	8.6 (7.2-10.3)
Household Income			
Less than \$15K	27	2,409	10.4 (5.7-18.1)
\$15K-\$24,999	67	4,305	11.3 (6.2-19.7)
\$25K-\$34,999	54	5,487	15.2 (9.1-24.3)
\$35K-\$49,999	47	4,835	14.0 (7.8-23.9)
\$50K or greater	95	13,307	7.2 (5.3-9.8)
Education			
Less than High School	27	†	†
High School	115	10,341	12.2 (8.5-17.2)
Some College	113	10,130	10.7 (7.6-14.7)
College Grad	86	9,358	6.1 (4.5-8.3)
Employment			
Employed	125	23,152	9.7 (8.0-11.8)
Unemployed	9	†	†
Homemaker	15	†	†
Student	1	†	†
Retired	160	6,006	8.9 (7.3-10.7)
Unable to work	30	1,976	9.4 (6.2-14.2)
Sexual Orientation			
Straight	324	34,333	9.8 (8.1-11.9)
Gay or Lesbian	9	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 77. Prevalence estimate of Knox County adults who reported they visited a dentist for any reason during the past five years (but more than two years ago), 2018

(total n = 3,602)

	Yes Response	Weighted Response	Percent (CI)
Total	264	29,273	8.3 (6.8-10.1)
Gender			
Male	91	12,866	7.6 (5.6-10.3)
Female	173	16,408	8.9 (6.8-11.6)
Race/Ethnicity			
White	206	22,758	7.6 (6.1-9.5)
Black	39	1,946	7.8 (4.8-12.4)
Other race/Ethnicity	19	†	†
Age			
18-24 Years	6	†	†
25-34 Years	27	8,641	14.2 (9.4-21.0)
35-44 Years	34	4,141	7.3 (4.9-10.8)
45-54 Years	44	4,105	6.9 (4.9-9.6)
55-64 Years	40	3,292	6.3 (4.3-9.1)
65+ Years	111	4,292	6.5 (5.1-8.3)
Household Income			
Less than \$15K	25	†	†
\$15K-\$24,999	67	6,919	18.2 (12.0-26.6)
\$25K-\$34,999	49	5,581	15.4 (9.8-23.4)
\$35K-\$49,999	33	†	†
\$50K or greater	62	6,958	3.8 (2.8-5.1)
Education			
Less than High School	26	†	†
High School	82	9,190	10.8 (7.2-16.0)
Some College	83	8,332	8.8 (6.3-12.1)
College Grad	73	9,548	6.3 (4.4-8.8)
Employment			
Employed	111	19,814	8.9 (6.8-11.6)
Unemployed	8	†	†
Homemaker	5	†	†
Student	1	†	†
Retired	104	4,267	6.3 (4.9-8.1)
Unable to work	35	3,084	14.7 (9.0-23.1)
Sexual Orientation			
Straight	247	24,837	7.6 (6.2-9.2)
Gay or Lesbian	5	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 78. Prevalence estimate of Knox County adults who reported it has been five years since they visited a dentist for any reason, or had never visited one

(total n = 3,602)

	Yes Response	Weighted Response	Percent (CI)
Total	547	37,542	10.6 (9.3-12.1)
Gender			
Male	164	16,737	9.9 (8.0-12.2)
Female	383	20,715	11.2 (9.5-13.2)
Race/Ethnicity			
White	447	31,885	10.7 (9.2-12.3)
Black	79	3,343	13.4 (9.5-18.5)
Other race/Ethnicity	21	†	†
Age			
18-24 Years	3	†	†
25-34 Years	18	†	†
35-44 Years	38	5,090	9.0 (6.2-12.7)
45-54 Years	48	4,834	8.1 (5.8-11.1)
55-64 Years	95	8,234	15.7 (12.2-20.0)
65+ Years	340	12,352	18.8 (16.6-21.2)
Household Income			
Less than \$15K	103	5,697	24.6 (17.3-33.6)
\$15K-\$24,999	175	10,364	27.2 (21.6-33.7)
\$25K-\$34,999	58	3,502	9.7 (6.1-15.1)
\$35K-\$49,999	39	2,868	8.3 (5.1-13.1)
\$50K or greater	88	9,850	5.4 (4.0-7.1)
Education			
Less than High School	135	8,305	39.5 (28.9-51.1)
High School	196	12,257	14.4 (11.3-18.3)
Some College	141	141	11.3 (8.7-14.5)
College Grad	75	6,200	4.1 (2.9-5.7)
Employment			
Employed	121	14,988	6.8 (5.2-8.6)
Unemployed	16	†	†
Homemaker	20	1,289	8.0 (4.7-13.4)
Student	0	†	†
Retired	302	11,193	16.5 (14.4-18.9)
Unable to work	89	8,415	40.2 (31.6-49.5)
Sexual Orientation			
Straight	518	33,742	10.3 (9.0-11.7)
Gay or Lesbian	12	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 79. Prevalence estimate of Knox County adults who reported no permanent tooth extractions due to tooth decay or gum disease, 2018

(total n = 3,514)

	Yes Response	Weighted Response	Percent (CI)
Total	1,598	220,093	63.5 (60.8-66.1)
Gender			
Male	587	110,657	66.0 (62.0-69.8)
Female	1,011	109,436	61.1 (57.5-64.6)
Race/Ethnicity			
White	1,411	187,133	63.5 (60.6-66.3)
Black	112	13,328	53.7 (43.8-63.3)
Other race/Ethnicity	73	19,601	72.5 (61.4-81.3)
Age			
18-24 Years	61	48,167	91.0 (77.9-96.9)
25-34 Years	131	45,942	75.6 (67.6-82.1)
35-44 Years	322	44,006	78.5 (73.7-82.6)
45-54 Years	319	39,219	66.4 (61.5-71.0)
55-64 Years	211	21,240	41.4 (36.1-46.9)
65+ Years	539	20,140	31.8 (29.1-34.6)
Household Income			
Less than \$15K	63	10,710	50.6 (37.8-63.4)
\$15K-\$24,999	153	16,726	45.0 (36.4-53.8)
\$25K-\$34,999	127	18,841	53.5 (42.1-64.3)
\$35K-\$49,999	183	20,691	60.2 (51.1-68.6)
\$50K or greater	892	130,454	71.6 (68.3-74.7)
Education			
Less than High School	47	5,427	26.5 (15.0-42.5)
High School	276	39,532	48.5 (41.6-55.5)
Some College	440	61,043	65.5 (60.7-70.0)
College Grad	834	113,925	75.3 (72.0-78.3)
Employment			
Employed	889	160,135	72.8 (69.3-76.1)
Unemployed	33	5,109	62.5 (44.7-77.5)
Homemaker	86	12,010	76.6 (67.5-83.8)
Student	24	15,954	95.0 (79.3-98.9)
Retired	507	21,263	32.5 (29.5-35.6)
Unable to work	57	5,187	25.7 (18.2-34.9)
Sexual Orientation			
Straight	1,535	202,038	62.9 (60.2-65.5)
Gay or Lesbian	28	6,751	75.9 (57.2-88.1)
Bisexual	20	7,777	68.2 (43.1-85.9)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 80. Prevalence estimate of Knox County adults who reported they had one or more permanent tooth extractions due to tooth decay or gum disease, 2018

(total n = 3,514)

	Yes Response	Weighted Response	Percent (CI)
Total	1,916	126,647	36.5 (33.9-39.2)
Gender			
Male	612	57,024	34.0 (30.2-38.0)
Female	1,304	68,624	38.9 (35.4-42.5)
Race/Ethnicity			
White	1,575	107,781	36.6 (33.7-39.4)
Black	260	11,503	46.3 (36.7-56.2)
Other race/Ethnicity	82	7,450	27.5 (18.7-38.7)
Age			
18-24 Years	4	†	†
25-34 Years	46	14,865	24.5 (17.9-32.4)
35-44 Years	108	12,076	21.5 (17.4-26.3)
45-54 Years	186	19,840	33.6 (29.0-38.5)
55-64 Years	311	30,107	58.6 (53.1-63.9)
65+ Years	1,238	43,229	68.2 (65.4-70.9)
Household Income			
Less than \$15K	191	10,452	49.4 (36.7-62.2)
\$15K-\$24,999	392	20,473	55.0 (46.2-63.6)
\$25K-\$34,999	281	16,474	46.7 (35.7-57.9)
\$35K-\$49,999	235	13,702	39.8 (31.5-49.0)
\$50K or greater	555	51,703	28.4 (25.3-31.7)
Education			
Less than High School	206	15,021	73.5 (57.5-85.0)
High School	653	41,956	51.5 (44.5-58.4)
Some College	538	32,211	34.5 (30.0-39.3)
College Grad	517	37,397	24.7 (21.7-38.0)
Employment			
Employed	488	59,804	27.2 (23.9-30.7)
Unemployed	32	3,068	37.5 (22.5-55.3)
Homemaker	46	3,660	23.4 (16.2-32.5)
Student	6	†	†
Retired	1,170	44,218	67.5 (64.4-70.5)
Unable to work	173	15,024	74.3 (65.1-81.8)
Sexual Orientation			
Straight	1,845	119,358	37.1 (34.5-39.9)
Gay or Lesbian	28	†	†
Bisexual	20	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 81. Prevalence estimate of Knox County adults who reported they had 1-5 permanent teeth extracted due to tooth decay or gum disease, 2018

(total n = 3,514)

	Yes Response	Weighted Response	Percent (CI)
Total	992	79,920	23.1 (20.9-25.4)
Gender			
Male	338	37,133	22.2 (19.1-25.6)
Female	654	42,787	23.9 (20.9-27.1)
Race/Ethnicity			
White	840	68,228	23.1 (20.8-25.7)
Black	106	6,545	26.4 (19.5-34.6)
Other race/Ethnicity	47	5,234	19.4 (12.0-29.6)
Age			
18-24 Years	3	†	†
25-34 Years	38	12,404	20.4 (14.4-28.1)
35-44 Years	86	10,077	18.0 (14.1-22.6)
45-54 Years	131	15,071	25.5 (21.3-30.2)
55-64 Years	165	17,256	33.6 (28.5-39.1)
65+ Years	554	20,443	32.3 (29.6-35.1)
Household Income			
Less than \$15K	56	4,346	20.5 (13.6-29.8)
\$15K-\$24,999	132	8,062	21.7 (15.3-29.8)
\$25K-\$34,999	148	9,803	27.8 (20.5-36.4)
\$35K-\$49,999	135	8,750	25.4 (18.3-34.3)
\$50K or greater	402	40,755	22.4 (19.6-25.5)
Education			
Less than High School	36	4,149	20.3 (11.9-32.4)
High School	278	24,253	29.8 (24.2-36.0)
Some College	303	20,682	22.2 (18.7-26.1)
College Grad	375	30,864	20.4 (17.6-23.5)
Employment			
Employed	346	46,668	21.2 (18.3-24.5)
Unemployed	17	†	†
Homemaker	23	2,209	14.1 (8.6-22.3)
Student	5	†	†
Retired	538	22,057	33.7 (30.7-36.8)
Unable to work	63	6,376	31.6 (23.5-40.9)
Sexual Orientation			
Straight	959	75,501	23.5 (21.3-25.8)
Gay or Lesbian	10	†	†
Bisexual	12	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 82. Prevalence estimate of Knox County adults who reported they had six or more teeth extracted, but still have some of their teeth, 2018

(total n = 3,514)

	Yes Response	Weighted Response	Percent (CI)
Total	467	25,470	7.4 (6.2-8.8)
Gender			
Male	147	11,795	7.0 (5.5-9.0)
Female	320	13,676	7.6 (6.0-9.7)
Race/Ethnicity			
White	370	21,759	7.4 (6.1-9.0)
Black	80	2,484	10.0 (7.0-14.1)
Other race/Ethnicity	17	†	†
Age			
18-24 Years	1	†	†
25-34 Years	6	†	†
35-44 Years	17	†	†
45-54 Years	36	3,202	5.4 (3.6-8.1)
55-64 Years	74	6,354	12.4 (9.2-16.5)
65+ Years	329	10,504	16.6 (14.6-18.8)
Household Income			
Less than \$15K	61	2,972	14.0 (9.3-20.7)
\$15K-\$24,999	108	5,287	14.2 (10.0-19.8)
\$25K-\$34,999	80	†	†
\$35K-\$49,999	62	2,990	8.7 (5.8-12.8)
\$50K or greater	100	7,554	4.2 (3.1-5.6)
Education			
Less than High School	56	4,964	24.3 (13.6-39.5)
High School	189	9,026	11.1 (8.7-14.1)
Some College	131	7,151	7.7 (5.6-10.4)
College Grad	90	4,303	2.8 (2.2-3.8)
Employment			
Employed	91	9,542	4.3 (2.9-6.4)
Unemployed	8	†	†
Homemaker	16	†	†
Student	1	†	†
Retired	297	10,028	15.3 (13.2-17.7)
Unable to work	53	4,219	20.9 (14.1-29.7)
Sexual Orientation			
Straight	448	23,615	7.4 (6.1-8.8)
Gay or Lesbian	11	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 83. Prevalence estimate of Knox County adults who reported they had all their permanent teeth extracted due tooth decay or gum disease, 2018

(total n = 3,514)

	Yes Response	Weighted Response	Percent (CI)
Total	457	21,257	6.1 (5.4-7.0)
Gender			
Male	127	8,096	4.8 (3.8-6.2)
Female	330	13,161	7.4 (6.3-8.6)
Race/Ethnicity			
White	365	17,794	6.0 (5.2-7.0)
Black	74	2,474	10.0 (7.0-14.0)
Other race/Ethnicity	18	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	5	†	†
45-54 Years	19	†	†
55-64 Years	71	6,497	12.7 (9.4-16.8)
65+ Years	355	12,281	19.4 (17.2-21.8)
Household Income			
Less than \$15K	74	3,134	14.8 (9.9-21.5)
\$15K-\$24,999	152	7,123	19.2 (15.0-24.2)
\$25K-\$34,999	53	1,876	5.3 (2.5-8.0)
\$35K-\$49,999	38	1,962	5.7 (3.7-8.7)
\$50K or greater	53	3,394	1.9 (1.2-2.8)
Education			
Less than High School	114	5,908	28.9 (20.5-39.0)
High School	186	8,678	10.7 (8.4-13.4)
Some College	104	4,378	4.7 (3.6-6.1)
College Grad	52	2,230	1.5 (1.0-2.1)
Employment			
Employed	51	3,593	1.6 (1.1-2.5)
Unemployed	7	†	†
Homemaker	7	†	†
Student	0	†	†
Retired	335	12,133	18.5 (16.3-21.0)
Unable to work	57	4,429	21.9 (15.8-29.6)
Sexual Orientation			
Straight	438	20,242	6.3 (5.5-7.2)
Gay or Lesbian	7	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 84. Prevalence estimate of Knox County adults who currently smoke cigarettes (defined as either smoking every day or on some days and have also smoked at least 100 cigarettes), 2018

(total n = 3,627)

	Yes Response	Weighted Response	Percent (CI)
Total	487	53,056	15.0 (12.9-17.3)
Gender			
Male	176	25,356	14.9 (12.1-18.2)
Female	311	27,699	15.0 (12.2-18.3)
Race/Ethnicity			
White	395	45,262	15.1 (12.9-17.6)
Black	61	3,785	15.1 (9.5-23.1)
Other race/Ethnicity	30	3,991	13.5 (7.4-23.2)
Age			
18-24 Years	9	†	†
25-34 Years	42	14,535	23.9 (17.3-32.1)
35-44 Years	63	6,727	11.9 (8.9-15.7)
45-54 Years	87	9,004	15.1 (12.0-18.8)
55-64 Years	110	9,400	17.7 (14.1-22.0)
65+ Years	173	5,838	8.8 (7.3-10.6)
Household Income			
Less than \$15K	88	7,326	31.2 (22.0-42.3)
\$15K-\$24,999	113	7,210	18.9 (14.2-24.7)
\$25K-\$34,999	64	9,666	26.7 (17.4-38.6)
\$35K-\$49,999	45	6,031	17.4 (10.3-27.9)
\$50K or greater	121	17,950	9.7 (7.6-12.3)
Education			
Less than High School	71	8,131	37.7 (25.6-51.6)
High School	175	18,455	21.5 (16.7-27.3)
Some College	142	15,958	16.8 (12.9-21.5)
College Grad	99	10,512	6.9 (5.2-9.1)
Employment			
Employed	203	34,642	15.6 (12.7-19.0)
Unemployed	20	2,235	27.4 (14.8-45.1)
Homemaker	15	†	†
Student	0	†	†
Retired	166	6,587	9.6 (7.7-11.9)
Unable to work	82	8,161	38.5 (29.8-48.0)
Sexual Orientation			
Straight	451	45,304	13.8 (11.8-15.9)
Gay or Lesbian	15	†	†
Bisexual	11	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 85. Prevalence estimate of Knox County adults who reported they smoke cigarettes every day (and have smoked at least 100 cigarettes) or heavy smokers, 2018

(total n = 3,627)

	Yes Response	Weighted Response	Percent (CI)
Total	383	39,804	11.2 (9.4-13.3)
Gender			
Male	135	16,674	9.8 (7.8-12.3)
Female	248	23,130	12.5 (9.8-15.9)
Race/Ethnicity			
White	320	34,891	11.6 (9.6-13.9)
Black	38	2,658	10.6 (5.7-18.8)
Other race/Ethnicity	24	†	†
Age			
18-24 Years	9	†	†
25-34 Years	27	8,719	14.3 (9.4-21.3)
35-44 Years	45	4,228	7.5 (5.3-10.4)
45-54 Years	70	7,265	12.2 (9.4-15.6)
55-64 Years	92	7,692	14.5 (11.3-18.3)
65+ Years	139	4,626	7.0 (5.7-8.5)
Household Income			
Less than \$15K	76	35,517	27.1 (18.6-37.5)
\$15K-\$24,999	92	6,347	15.7 (11.4-21.3)
\$25K-\$34,999	51	6,007	22.0 (13.2-34.3)
\$35K-\$49,999	35	3,973	11.5 (5.6-21.5)
\$50K or greater	85	11,333	6.1 (4.6-8.0)
Education			
Less than High School	57	7,396	34.3 (22.3-48.7)
High School	141	14,004	16.3 (12.2-21.5)
Some College	114	11,665	12.3 (9.0-16.5)
College Grad	71	6,739	4.4 (3.1-6.2)
Employment			
Employed	152	24,245	10.9 (8.5-14.0)
Unemployed	18	†	†
Homemaker	18	†	†
Student	0	†	†
Retired	132	5,421	7.9 (6.2-10.1)
Unable to work	67	7,130	33.6 (25.1-43.4)
Sexual Orientation			
Straight	355	33,249	10.1 (8.5-12.0)
Gay or Lesbian	11	†	†
Bisexual	10	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 86. Prevalence estimate of Knox County adults who reported they have smoked at least 100 cigarettes during their lifetime but no longer smoke (former smokers), 2018

(total n = 3,627)

	Yes Response	Weighted Response	Percent (CI)
Total	1,085	81,396	22.9 (20.9-25.1)
Gender			
Male	431	42,409	24.9 (21.7-28.5)
Female	654	38,986	21.1 (18.7-23.7)
Race/Ethnicity			
White	934	72,675	24.2 (22.0-26.6)
Black	109	4,231	16.9 (12.2-22.9)
Other race/Ethnicity	43	4,577	15.4 (9.3-24.4)
Age			
18-24 Years	5	†	†
25-34 Years	31	9,228	15.2 (10.4-21.5)
35-44 Years	106	14,574	25.8 (21.2-31.0)
45-54 Years	117	13,192	22.1 (18.2-26.6)
55-64 Years	155	15,778	29.7 (24.8-35.1)
65+ Years	658	24,949	37.6 (34.8-40.4)
Household Income			
Less than \$15K	78	4,763	20.3 (13.8-28.9)
\$15K-\$24,999	169	9,471	24.8 (19.3-31.4)
\$25K-\$34,999	149	8,453	23.4 (17.1-31.1)
\$35K-\$49,999	141	9,344	26.9 (20.7-34.2)
\$50K or greater	406	41,899	22.7 (20.0-25.8)
Education			
Less than High School	102	5,751	26.7 (19.0-36.1)
High School	291	20,267	23.7 (19.4-28.5)
Some College	337	26,059	27.4 (23.2-32.1)
College Grad	355	29,341	19.3 (16.7-22.1)
Employment			
Employed	331	44,072	19.8 (17.2-22.8)
Unemployed	17	†	†
Homemaker	25	3,149	19.6 (12.3-29.8)
Student	3	†	†
Retired	631	25,654	37.4 (34.4-40.6)
Unable to work	78	6,643	31.3 (23.9-39.9)
Sexual Orientation			
Straight	1,042	77,409	23.5 (21.4-25.7)
Gay or Lesbian	21	1,424	16.0 (7.7-30.4)
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 87. Among Knox County adults who smoke, the prevalence estimate who reported they stopped smoking for one or more days in the past 12 months trying to permanently quit, 2018

(total n = 483)

	Yes Response	Weighted Response	Percent (CI)
Total	263	31,929	60.4 (52.9-67.4)
Gender			
Male	93	14,340	56.7 (56.0-66.8)
Female	170	17,589	63.8 (53.6-72.8)
Race/Ethnicity			
White	209	27,173	60.2 (52.1-67.8)
Black	38	2,766	73.8 (54.7-86.7)
Other race/Ethnicity	15	†	†
Age			
18-24 Years	8	†	†
25-34 Years	26	8,677	59.7 (41.5-75.5)
35-44 Years	39	3,544	52.7 (37.9-67.1)
45-54 Years	47	5,014	56.0 (43.9-67.5)
55-64 Years	55	5,041	54.2 (42.1-65.8)
65+ Years	87	2,763	47.5 (37.9-57.2)
Household Income			
Less than \$15K	45	4,095	55.9 (40.8-70.0)
\$15K-\$24,999	65	3,647	50.9 (36.9-64.8)
\$25K-\$34,999	36	7,038	72.8 (52.8-86.5)
\$35K-\$49,999	24	3,533	58.6 (31.7-81.2)
\$50K or greater	62	10,433	58.3 (46.0-69.7)
Education			
Less than High School	38	4,851	59.7 (37.3-78.6)
High School	93	11,294	61.4 (49.0-72.4)
Some College	81	9,640	60.8 (46.5-73.4)
College Grad	51	6,145	58.6 (44.5-71.4)
Employment			
Employed	109	21,732	62.9 (52.7-72.1)
Unemployed	11	†	†
Homemaker	9	†	†
Student	0	†	†
Retired	86	3,418	52.0 (40.7-63.1)
Unable to work	48	5,159	63.6 (47.1-77.5)
Sexual Orientation			
Straight	242	25,625	56.8 (49.0-64.3)
Gay or Lesbian	8	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 88. Prevalence estimate of Knox County adults who reported they use smokeless tobacco products such as chewing tobacco, snuff, or snus every day or some days (current smokeless tobacco users), 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	112	15,571	4.4 (3.4-5.8)
Gender			
Male	82	12,608	7.4 (5.4-10.0)
Female	30	2,963	1.6 (0.9-2.9)
Race/Ethnicity			
White	103	15,107	5.1 (3.8-6.7)
Black	4	†	†
Other race/Ethnicity	5	†	†
Age			
18-24 Years	3	†	†
25-34 Years	11	†	†
35-44 Years	26	3,398	6.0 (3.9-9.1)
45-54 Years	17	†	†
55-64 Years	13	†	†
65+ Years	41	1,771	2.7 (1.9-3.8)
Household Income			
Less than \$15K	6	†	†
\$15K-\$24,999	20	1,389	3.6 (2.2-6.1)
\$25K-\$34,999	9	†	†
\$35K-\$49,999	16	†	†
\$50K or greater	49	8,881	4.9 (3.3-7.1)
Education			
Less than High School	15	†	†
High School	32	4,692	5.5 (3.2-9.3)
Some College	26	3,710	3.9 (2.3-6.5)
College Grad	39	5,342	3.5 (2.2-5.5)
Employment			
Employed	61	12,391	5.6 (4.0-7.8)
Unemployed	3	†	†
Homemaker	1	†	†
Student	0	†	†
Retired	40	1,771	2.6 (1.8-3.7)
Unable to work	7	†	†
Sexual Orientation			
Straight	109	14,881	4.5 (3.4-6.0)
Gay or Lesbian	2	†	†
Bisexual	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 89. Prevalence estimate of Knox County adults who reported they have used e-cigarettes or electronic vapor products one or more times, 2018

(total n = 3,638)

	Yes Response	Weighted Response	Percent (CI)
Total	480	82,519	23.2 (20.5-26.2)
Gender			
Male	188	40,777	24.0 (20.0-28.4)
Female	292	41,743	22.5 (18.9-26.7)
Race/Ethnicity			
White	406	69,647	23.2 (20.3-26.3)
Black	37	3,754	15.0 (8.6-24.9)
Other race/Ethnicity	37	9,118	30.7 (19.7-44.6)
Age			
18-24 Years	32	24,754	45.0 (32.3-58.3)
25-34 Years	68	22,766	37.4 (29.7-45.9)
35-44 Years	117	14,234	25.2 (20.8-30.1)
45-54 Years	93	10,929	18.3 (14.7-22.5)
55-64 Years	65	6,283	11.8 (8.9-15.6)
65+ Years	101	3,378	5.1 (4.0-6.4)
Household Income			
Less than \$15K	57	6,738	28.7 (18.3-42.0)
\$15K-\$24,999	83	11,454	30.0 (21.4-40.1)
\$25K-\$34,999	59	11,788	32.5 (22.3-44.8)
\$35K-\$49,999	54	11,766	33.9 (24.3-45.0)
\$50K or greater	180	33,106	18.0 (15.0-21.3)
Education			
Less than High School	35	7,319	33.8 (20.7-50.0)
High School	149	25,743	30.1 (23.8-37.2)
Some College	170	29,168	30.6 (25.3-36.6)
College Grad	126	20,289	13.3 (10.6-16.6)
Employment			
Employed	284	62,237	28.0 (24.2-32.1)
Unemployed	21	3,799	46.4 (27.7-55.1)
Homemaker	12	†	†
Student	6	†	†
Retired	99	4,108	6.0 (4.6-7.7)
Unable to work	58	5,949	28.1 (20.1-37.8)
Sexual Orientation			
Straight	437	67,817	21.0 (18.0-23.3)
Gay or Lesbian	19	†	†
Bisexual	16	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 90. Among Knox County adults who have used e-cigarettes or electronic vapor products, the prevalence estimate who reported they use them every day or some days, 2018

(total n = 480)

	Yes Response	Weighted Response	Percent (CI)
Total	114	18,041	21.9 (16.5-28.4)
Gender			
Male	42	10,132	24.9 (16.7-35.3)
Female	72	7,908	19.0 (12.7-27.3)
Race/Ethnicity			
White	97	15,106	21.7 (15.9-28.9)
Black	10	†	†
Other race/Ethnicity	7	†	†
Age			
18-24 Years	8	†	†
25-34 Years	15	†	†
35-44 Years	25	2,737	19.2 (12.4-28.6)
45-54 Years	24	2,263	20.7 (13.3-30.8)
55-64 Years	10	†	†
65+ Years	32	1,050	31.1 (21.0-43.4)
Household Income			
Less than \$15K	15	†	†
\$15K-\$24,999	19	†	†
\$25K-\$34,999	14	†	†
\$35K-\$49,999	11	†	†
\$50K or greater	42	6,606	26.6 (17.9-37.5)
Education			
Less than High School	11	†	†
High School	37	7,052	27.4 (16.5-42.0)
Some College	44	6,766	23.2 (14.8-34.5)
College Grad	22	3,528	17.4 (10.2-28.1)
Employment			
Employed	64	14,551	23.4 (16.8-31.6)
Unemployed	5	†	†
Homemaker	5	†	†
Student	1	†	†
Retired	27	1,360	33.1 (21.6-47.1)
Unable to work	12	†	†
Sexual Orientation			
Straight	103	15,688	23.1 (17.2-30.3)
Gay or Lesbian	3	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 91. Prevalence estimate of Knox County adults who reported they use e-cigarettes or electronic vapor products every day or some days (current users), 2018

(total n = 3,638)

	Yes Response	Weighted Response	Percent (CI)
Total	114	18,041	5.1 (3.8-6.8)
Gender			
Male	42	10,132	6.0 (3.9-9.1)
Female	72	7,908	4.3 (2.9-6.3)
Race/Ethnicity			
White	97	15,105	5.0 (3.6-6.9)
Black	10	†	†
Other race/Ethnicity	7	†	†
Age			
18-24 Years	8	†	†
25-34 Years	15	†	†
35-44 Years	25	2,737	4.8 (3.1-7.6)
45-54 Years	24	2,263	3.8 (2.4-5.9)
55-64 Years	10	†	†
65+ Years	32	1,050	1.6 (1.0-2.4)
Household Income			
Less than \$15K	15	†	†
\$15K-\$24,999	19	†	†
\$25K-\$34,999	14	†	†
\$35K-\$49,999	11	†	†
\$50K or greater	42	8,806	4.8 (3.1-7.4)
Education			
Less than High School	11	†	†
High School	37	7,052	8.2 (4.8-13.9)
Some College	44	6,766	7.1 (4.5-11.2)
College Grad	22	3,528	2.3 (1.3-4.0)
Employment			
Employed	64	14,551	6.5 (4.6-9.2)
Unemployed	5	†	†
Homemaker	5	†	†
Student	1	†	†
Retired	27	1,360	2.0 (1.2-3.3)
Unable to work	12	†	†
Sexual Orientation			
Straight	103	15,688	4.8 (3.5-6.5)
Gay or Lesbian	3	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 92. Percent of Knox County adults who reported they had one or more drinks of alcohol during the past 30 days (current drinkers), 2018

(total n = 3,616)

	Yes Response	Weighted Response	Percent (CI)
Total	1,350	158,371	45.0 (42.0-47.9)
Gender			
Male	538	79,148	46.9 (42.4-51.5)
Female	812	79,223	43.1 (39.3-47.1)
Race/Ethnicity			
White	1,152	138,009	46.3 (43.2-49.5)
Black	141	11,670	47.1 (37.1-57.3)
Other race/Ethnicity	56	8,678	29.4 (19.7-41.4)
Age			
18-24 Years	27	19,839	36.5 (24.8-49.9)
25-34 Years	102	33,375	56.0 (47.4-64.1)
35-44 Years	238	31,306	56.0 (50.4-61.3)
45-54 Years	270	32,776	54.8 (49.8-59.8)
55-64 Years	200	21,181	40.2 (34.9-45.7)
65+ Years	501	18,746	28.2 (35.7-30.8)
Household Income			
Less than \$15K	50	4,980	21.3 (12.3-34.3)
\$15K-\$24,999	135	11,180	29.4 (22.7-37.1)
\$25K-\$34,999	126	13,783	38.5 (28.2-50.0)
\$35K-\$49,999	151	16,912	49.1 (39.8-58.5)
\$50K or greater	771	101,266	55.2 (51.4-59.0)
Education			
Less than High School	38	6,241	28.9 (16.9-44.9)
High School	239	24,746	29.5 (23.9-35.7)
Some College	373	46,893	49.5 (43.9-55.1)
College Grad	700	80,492	53.0 (48.7-57.3)
Employment			
Employed	749	11,792	53.4 (49.3-57.5)
Unemployed	26	4,025	49.1 (30.7-67.8)
Homemaker	50	6,949	43.1 (32.6-54.4)
Student	9	†	†
Retired	463	19,379	28.3 (25.5-31.2)
Unable to work	52	4,243	21.3 (15.3-28.9)
Sexual Orientation			
Straight	1,288	145,550	44.4 (41.5-47.4)
Gay or Lesbian	27	4,120	46.9 (23.6-71.6)
Bisexual	21	6,623	58.1 (33.1-79.5)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 93. Percent of Knox County adults who reported heavy drinking (males: more than two drinks per day; females: more than one drink per day) during the past 30 days, 2018

(total n = 3,593)

	Yes Response	Weighted Response	Percent (CI)
Total	168	21,827	6.2 (4.8-8.0)
Gender			
Male	56	8,746	5.2 (3.7-7.4)
Female	112	13,081	7.1 (5.1-10.0)
Race/Ethnicity			
White	155	20,489	6.9 (5.3-8.9)
Black	8	†	†
Other race/Ethnicity	5	†	†
Age			
18-24 Years	7	†	†
25-34 Years	10	†	†
35-44 Years	35	4,405	7.9 (5.5-11.2)
45-54 Years	42	4,582	7.7 (5.5-10.8)
55-64 Years	27	2,428	4.6 (3.0-7.1)
65+ Years	47	1,818	2.7 (1.9-3.9)
Household Income			
Less than \$15K	9	†	†
\$15K-\$24,999	12	†	†
\$25K-\$34,999	15	†	†
\$35K-\$49,999	15	†	†
\$50K or greater	98	13,804	7.6 (5.5-10.3)
Education			
Less than High School	9	†	†
High School	33	3,768	4.5 (2.8-7.3)
Some College	41	6,133	6.5 (4.0-10.5)
College Grad	85	11,050	7.3 (5.0-10.5)
Employment			
Employed	105	16,442	7.5 (5.5-10.1)
Unemployed	2	†	†
Homemaker	9	†	†
Student	3	†	†
Retired	40	1,626	2.4 (1.7-3.4)
Unable to work	9		
Sexual Orientation			
Straight	159	19,073	5.9 (4.5-7.5)
Gay or Lesbian	6	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 94. Prevalence estimate of Knox County adults who reported they binge drank one or more times (males drinking five or more drinks on one occasion; females drinking four or more drinks on one occasion) during the past 30 days (current binge drinkers), 2018

(total n = 3,585)

	Yes Response	Weighted Response	Percent (CI)
Total	373	53,041	15.2 (13.1-17.4)
Gender			
Male	172	31,492	18.8 (15.5-22.7)
Female	201	21,549	11.8 (9.6-14.5)
Race/Ethnicity			
White	321	45,833	15.5 (13.3-17.9)
Black	36	3,301	13.6 (7.8-22.6)
Other race/Ethnicity	16	†	†
Age			
18-24 Years	12	†	†
25-34 Years	49	16,161	27.3 (20.4-35.5)
35-44 Years	80	11,105	19.9 (15.7-24.9)
45-54 Years	102	11,572	19.6 (15.9-23.8)
55-64 Years	36	3,290	6.3 (4.3-9.2)
65+ Years	94	3,041	4.6 (3.7-5.8)
Household Income			
Less than \$15K	16	†	†
\$15K-\$24,999	40	3,113	8.3 (5.1-13.2)
\$25K-\$34,999	43	6,470	18.3 (11.0-28.7)
\$35K-\$49,999	39	5,663	16.5 (10.3-25.2)
\$50K or greater	205	31,830	17.5 (14.7-20.7)
Education			
Less than High School	15	†	†
High School	75	8,539	10.3 (7.3-14.3)
Some College	108	17,794	18.9 (14.6-24.2)
College Grad	175	23,376	15.5 (12.7-18.7)
Employment			
Employed	250	43,386	19.8 (16.8-23.1)
Unemployed	9	†	†
Homemaker	14	†	†
Student	3	†	†
Retired	84	2,884	4.2 (3.3-5.4)
Unable to work	13	†	†
Sexual Orientation			
Straight	350	47,650	14.7 (12.7-16.9)
Gay or Lesbian	13	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 95. Prevalence estimate of Knox County adults who reported they used marijuana on one or more days during the past 30 days (current marijuana user), 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	132	22,657	6.4 (5.0-8.2)
Gender			
Male	71	12,840	7.6 (5.4-10.5)
Female	61	9,817	5.3 (3.7-7.7)
Race/Ethnicity			
White	105	18,689	6.2 (4.7-8.2)
Black	16	†	†
Other race/Ethnicity	11	†	†
Age			
18-24 Years	8	†	†
25-34 Years	26	7,347	12.1 (7.8-18.3)
35-44 Years	35	4,531	8.0 (5.6-11.5)
45-54 Years	27	2,910	4.9 (3.2-7.3)
55-64 Years	16	†	†
65+ Years	20	781	1.2 (0.7-2.0)
Household Income			
Less than \$15K	17	†	†
\$15K-\$24,999	32	2,376	6.2 (4.2-9.2)
\$25K-\$34,999	17	†	†
\$35K-\$49,999	15	†	†
\$50K or greater	41	7,025	3.8 (2.6-5.6)
Education			
Less than High School	13	†	†
High School	34	6,454	7.5 (4.7-11.9)
Some College	49	7,604	8.0 (5.4-11.8)
College Grad	36	4,850	3.2 (2.1-4.8)
Employment			
Employed	82	18,309	8.2 (6.1-11.0)
Unemployed	7	†	†
Homemaker	5	†	†
Student	0	†	†
Retired	23	1,247	1.8 (1.1-3.0)
Unable to work	15	†	†
Sexual Orientation			
Straight	115	17,546	5.3 (4.1-6.8)
Gay or Lesbian	7	†	†
Bisexual	9	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 96. Among Knox County adults who currently use marijuana, the reported number of days in the past 30 days they used it, 2018

(total n = 3,635)

	# Yes Response	Weighted Response	Percent (CI)
No days	3,503	332,571	93.6 (92.0-95.2)
1-5 days	60	8,327	2.3 (1.6-3.1)
6-29 days	28	6,945	2.0 (1.0-2.9)
All 30 days	44	7,386	2.1 (1.0-3.1)

Table 97 Among Knox county adults who currently use marijuana, the reported method they used it in the past 30 days, 2018

(total n = 117)

	# Yes Response	Weighted Response	Percent (CI)
Smoked it	110	18,665	94.5 (89.6-99.5)
All other methods	7	†	†

† Statistically unreliable

Table 98. Among Knox County adults who currently use marijuana, the reported reason they used it in the past 30 days, 2018

(total n = 132)

	# Yes Response	Weighted Response	Percent (CI)
Medical reasons	36	5,960	26.4 (14.0-38.8)
Nonmedical reasons	43	6,338	28.1 (17.2-39.0)
Both medical and nonmedical reasons	52	10,269	45.5 (32.0-58.7)

2018 Knox County Behavioral Risk Factor Survey

Table 99. Prevalence estimate of Knox County adults who reported they took prescription pain medication (such drugs as codeine, Vicodin, Oxycontin, Hydrocodone, or Percocet) without a doctor's prescription or differently than how a doctor told them how to use it one or more times during the past 30 days, 2018

(total n = 3,634)

	Yes Response	Weighted Response	Percent (CI)
Total	33	2,686	0.8 (0.5-1.2)
Gender			
Male	14	†	†
Female	19	†	†
Race/Ethnicity			
White	27	1,724	0.6 (0.4-0.9)
Black	4	†	†
Other race/Ethnicity	2	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	8	†	†
45-54 Years	2	†	†
55-64 Years	3	†	†
65+ Years	18	†	†
Household Income			
Less than \$15K	5	†	†
\$15K-\$24,999	7	†	†
\$25K-\$34,999	4	†	†
\$35K-\$49,999	5	†	†
\$50K or greater	7	†	†
Education			
Less than High School	2	†	†
High School	9	†	†
Some College	12	†	†
College Grad	10	†	†
Employment			
Employed	12	†	†
Unemployed	0	†	†
Homemaker	1	†	†
Student	1	†	†
Retired	17	†	†
Unable to work	2	†	†
Sexual Orientation			
Straight	33	2,686	0.8 (0.5-1.33)
Gay or Lesbian	0	†	†
Bisexual	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 100. Prevalence estimate of Knox County adults who reported they had an influenza shot/vaccination during the past 12 months, 2018

(total n = 3,627)

	Yes Response	Weighted Response	Percent (CI)
Total	2,180	177,925	50.2 (47.2-53.2)
Gender			
Male	678	76,463	45.0 (40.6-49.5)
Female	1,502	101,462	55.0 (51.1-58.9)
Race/Ethnicity			
White	1,892	155,331	51.8 (48.6-55.0)
Black	203	9,323	37.2 (29.0-46.2)
Other race/Ethnicity	85	13,345	45.5 (32.5-59.0)
Age			
18-24 Years	31	23,975	43.5 (31.0-56.9)
25-34 Years	62	24,404	40.4 (32.4-49.0)
35-44 Years	173	23,685	42.0 (36.7-47.5)
45-54 Years	229	26,281	43.9 (39.0-49.0)
55-64 Years	319	30,100	56.7 (51.1-62.1)
65+ Years	1,345	48,112	72.4 (69.8-74.9)
Household Income			
Less than \$15K	151	10,396	44.3 (31.4-57.9)
\$15K-\$24,999	327	19,226	50.3 (42.1-58.5)
\$25K-\$34,999	269	15,056	41.7 (32.0-52.1)
\$35K-\$49,999	266	15,565	45.3 (36.5-54.5)
\$50K or greater	860	96,474	52.6 (48.7-56.4)
Education			
Less than High School	159	8,538	39.5 (29.0-51.1)
High School	583	39,045	45.6 (39.0-52.5)
Some College	583	47,907	50.4 (44.8-55.9)
College Grad	854	82,298	54.3 (50.0-58.5)
Employment			
Employed	661	98,001	43.3 (39.3-47.3)
Unemployed	25	2,378	29.0 (15.8-47.1)
Homemaker	73	9,014	56.3 (45.3-66.7)
Student	17	†	†
Retired	1,279	49,555	72.4 (69.5-75.1)
Unable to work	124	10,300	48.6 (39.8-57.6)
Sexual Orientation			
Straight	2,118	169,165	51.5 (48.5-54.5)
Gay or Lesbian	28	†	†
Bisexual	13	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 101. Among Knox County adults who had an influenza shot/vaccination during the past 12 months, the location where they received the vaccination, 2018

(total n = 2,168)

	# Yes Response	Weighted Response	Percent (CI)
Doctor's office or health maintenance organization	1,080	69,591	39.2 (35.6-42.9)
Store (supermarket, drug store)	649	48,195	27.2 (24.0-30.4)
Workplace	231	35,141	19.8 (16.4-23.2)
School	49	†	†
Clinic	48	7,972	4.5 (2.4-6.6)
Health department	40	4,380	2.5 (1.1-3.9)
Hospital (inpatient)	35	3,251	1.8 (0.8-2.8)
Other kind of place	30	1,433	0.8 (0.4-1.2)
Senior, recreation or community center	6	†	†
Emergency room	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 102. Prevalence estimate of Knox County senior adults ages 65+ who reported they had an influenza shot/vaccination during the past 12 months, 2018

(total n = 1,866)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 65+	1,345	48,112	72.4 (69.8-74.8)
Gender			
Male	405	20,606	72.0 (67.5-77.2)
Female	940	27,507	72.6 (69.5-75.5)
Race/Ethnicity			
White	1,189	44,357	73.1 (70.3-75.7)
Black	120	2,480	62.7 (53.8-70.9)
Other race/Ethnicity	35	1,261	69.3 (52.9-82.0)
Age			
65+ Years	1,345	48,112	72.4 (69.8-74.8)
Household Income			
Less than \$15K	94	2,768	75.2 (66.1-82.5)
\$15K-\$24,999	249	7,611	65.4 (59.0-71.3)
\$25K-\$34,999	216	7,712	76.8 (70.4-82.1)
\$35K-\$49,999	183	5,980	72.1 (64.8-78.5)
\$50K or greater	358	15,691	73.4 (68.4-77.9)
Education			
Less than High School	128	4,829	69.7 (60.4-77.6)
High School	418	13,650	72.1 (68.3-76.5)
Some College	371	12,540	68.6 (63.3-73.4)
College Grad	428	17,094	76.8 (72.4-80.7)
Employment			
Employed	105	4,292	60.3 (50.7-69.1)
Unemployed	4	†	†
Homemaker	21	937	60.3 (40.2-77.4)
Student	1	†	†
Retired	1,185	41,689	74.4 (71.7-77.0)
Unable to work	28	1,034	68.1 (50.7-81.6)
Sexual Orientation			
Straight	1,324	47,393	72.7 (70.0-75.1)
Gay or Lesbian	10	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 103. Prevalence estimate of Knox County senior adults ages 65+ who reported they had a pneumonia shot, 2018

(total n = 1,838)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 65+	1,554	55,125	84.1 (81.7-86.1)
Gender			
Male	461	23,183	82.4 (78.1-86.1)
Female	1,093	31,942	85.3 (82.7-87.5)
Race/Ethnicity			
White	1,360	50,500	84.4 (81.9-86.6)
Black	151	3,159	80.1 (72.6-85.9)
Other race/Ethnicity	42	1,453	81.3 (64.4-91.2)
Age			
65+ Years	1,554	55,125	84.1 (81.7-86.1)
Household Income			
Less than \$15K	102	2,845	80.5 (71.7-87.0)
\$15K-\$24,999	313	9,479	82.1 (75.8-87.1)
\$25K-\$34,999	252	8,804	89.3 (84.5-92.7)
\$35K-\$49,999	218	7,018	85.8 (78.5-90.9)
\$50K or greater	408	17,874	84.1 (79.4-87.8)
Education			
Less than High School	145	5,455	83.4 (73.6-90.0)
High School	485	16,021	85.7 (81.9-88.9)
Some College	454	15,296	83.9 (79.2-87.7)
College Grad	468	18,264	82.9 (78.6-84.5)
Employment			
Employed	123	4,890	69.6 (59.7-77.9)
Unemployed	3	†	†
Homemaker	21	880	62.4 (41.6-79.5)
Student	3		
Retired	1,369	47,934	86.6 (84.2-88.6)
Unable to work	34	1,223	81.3 (66.0-90.7)
Sexual Orientation			
Straight	1,527	54,261	84.4 (82.0-86.5)
Gay or Lesbian	10	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 104. Prevalence estimate of Knox County adults ages 18-49 who reported they had a human papillomavirus (HPV) vaccination, 2018

(total n = 908)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-49	106	40,608	21.3 (16.9-26.5)
Gender			
Male	25	12,585	13.4 (8.0-21.6)
Female	81	28,023	29.0 (22.7-36.2)
Race/Ethnicity			
White	85	34,506	22.4 (17.4-28.3)
Black	13	†	†
Other race/Ethnicity	8	†	†
Age			
18-24 Years	26	22,630	48.7 (34.6-63.1)
25-34 Years	48	14,635	26.3 (19.7-34.3)
35-44 Years	20	1,933	3.8 (2.3-6.3)
45-49 Years	12	†	†
Household Income			
Less than \$15K	13	†	†
\$15K-\$24,999	14	†	†
\$25K-\$34,999	9	†	†
\$35K-\$49,999	11	†	†
\$50K or greater	49	15,744	14.6 (10.3-20.3)
Education			
Less than High School	6	†	†
High School	22	12,885	31.6 (19.8-46.3)
Some College	29	12,647	24.4 (16.5-34.5)
College Grad	49	14,392	16.2 (11.4-22.6)
Employment			
Employed	87	32,774	21.3 (16.4-27.1)
Unemployed	3	†	†
Homemaker	4	†	†
Student	8	†	†
Retired	0	†	†
Unable to work	4	†	†
Sexual Orientation			
Straight	92	33,346	19.2 (14.8-24.5)
Gay or Lesbian	3	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 105. Among Knox County adults ages 18-49 who had a human papillomavirus (HPV) vaccination, the prevalence estimate who reported they had two or more HPV vaccinations, 2018

(total n = 95)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-49	80	32,847	84.7 (73.2-91.8)
Gender			
Male	15	†	†
Female	65	24,288	91.3 (80.7-96.3)
Race/Ethnicity			
White	61	28,130	86.0 (74.7-92.8)
Black	12	†	†
Other race/Ethnicity	7	†	†
Age			
18-24 Years	21	19,013	84.0 (65.1-93.7)
25-34 Years	36	11,362	86.6 (70.6-94.6)
35-44 Years	16	†	†
45-49 Years	7	†	†
Household Income			
Less than \$15K	10	†	†
\$15K-\$24,999	10	†	†
\$25K-\$34,999	7	†	†
\$35K-\$49,999	8	†	†
\$50K or greater	39	13,226	89.0 (73.4-96.0)
Education			
Less than High School	1	†	†
High School	19	†	†
Some College	21	10,319	88.3 (67.5-96.5)
College Grad	39	11,911	86.5 (68.1-95.1)
Employment			
Employed	68	28,286	89.6 (79.4-95.0)
Unemployed	2	†	†
Homemaker	2	†	†
Student	5	†	†
Retired	0	†	†
Unable to work	3	†	†
Sexual Orientation			
Straight	72	28,188	89.3 (78.9-94.9)
Gay or Lesbian	0	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 106. Prevalence estimate of Knox County adults who were neither overweight nor obese (less than 25.0 BMI) based on self-reported height and weight (normal weight), 2018

(total n = 3,500)

	Yes Response	Weighted Response	Percent (CI)
Total	1,156	112,247	32.5 (29.7-35.5)
Gender			
Male	305	42,961	25.5 (21.7-29.8)
Female	851	69,285	39.1 (35.2-43.2)
Race/Ethnicity			
White	1,033	99,979	34.1 (32.2-37.3)
Black	79	4,362	18.2 (12.7-25.3)
Other race/Ethnicity	43	7,889	28.0 (17.2-42.2)
Age			
18-24 Years	33	25,086	46.7 (33.6-60.3)
25-34 Years	54	17,152	28.5 (21.7-36.5)
35-44 Years	123	15,069	27.5 (22.9-32.6)
45-54 Years	144	16,514	28.3 (24.0-33.0)
55-64 Years	151	15,008	29.4 (24.6-34.6)
65+ Years	638	22,229	34.2 (31.6-37.0)
Household Income			
Less than \$15K	81	8,089	36.2 (24.1-50.4)
\$15K-\$24,999	207	1,320	37.0 (29.5-45.2)
\$25K-\$34,999	150	13,028	36.2 (26.3-47.5)
\$35K-\$49,999	135	11,071	32.7 (24.2-42.5)
\$50K or greater	415	53,921	30.0 (26.3-34.0)
Education			
Less than High School	93	7,775	36.6 (24.8-50.1)
High School	329	27,789	33.4 (27.3-40.2)
Some College	296	27,733	29.9 (24.9-35.5)
College Grad	438	48,949	33.0 (28.9-37.4)
Employment			
Employed	407	67,749	31.1 (27.3-35.2)
Unemployed	16	†	†
Homemaker	56	6,286	41.6 (30.8-53.2)
Student	14	†	†
Retired	595	21,723	32.8 (29.9-35.7)
Unable to work	66	5,475	26.4 (19.7-34.3)
Sexual Orientation			
Straight	1,100	102,635	32.1 (29.2-35.1)
Gay or Lesbian	19	†	†
Bisexual	21	5,937	52.4 (28.2-75.5)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 107. Prevalence estimate of Knox County adults who were overweight (25.0-29.9 BMI) based on self-reported height and weight, 2018

(total n = 3,500)

	Yes Response	Weighted Response	Percent (CI)
Total	1,212	123,584	35.8 (32.9-38.8)
Gender			
Male	527	71,745	42.6 (38.1-47.3)
Female	685	51,839	29.3 (26.0-32.9)
Race/Ethnicity			
White	1,034	105,748	36.1 (33.0-39.3)
Black	113	6,953	28.9 (20.9-38.5)
Other race/Ethnicity	64	10,868	38.6 (26.6-52.1)
Age			
18-24 Years	19	†	†
25-34 Years	57	22,547	37.5 (29.5-46.2)
35-44 Years	141	20,080	36.6 (31.4-42.1)
45-54 Years	163	19,666	33.7 (29.1-38.7)
55-64 Years	166	18,515	36.2 (31.0-41.8)
65+ Years	655	24,981	38.5 (35.6-41.4)
Household Income			
Less than \$15K	75	5,988	26.8 (16.3-40.8)
\$15K-\$24,999	164	10,443	27.8 (21.3-35.3)
\$25K-\$34,999	138	11,971	33.3 (22.4-46.3)
\$35K-\$49,999	136	11,566	34.2 (25.9-43.6)
\$50K or greater	554	69,703	38.8 (35.1-42.6)
Education			
Less than High School	75	4,850	22.8 (15.2-32.7)
High School	303	28,223	34.0 (27.3-41.4)
Some College	347	30,868	33.3 (28.2-38.9)
College Grad	486	59,616	40.2 (36.1-44.5)
Employment			
Employed	471	80,658	37.0 (33.0-41.2)
Unemployed	18	†	†
Homemaker	37	4,484	29.7 (20.5-40.9)
Student	8	†	†
Retired	615	25,957	39.1 (36.0-42.3)
Unable to work	62	5,645	27.2 (19.6-36.7)
Sexual Orientation			
Straight	1,179	116,866	36.5 (33.6-39.5)
Gay or Lesbian	12	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 108. Prevalence estimate of Knox County adults who were obese (30.0 or greater BMI) based on self-reported height and weight, 2018

(total n = 3,500)

	Yes Response	Weighted Response	Percent (CI)
Total	1,132	109,494	31.7 (29.0-34.5)
Gender			
Male	391	53,606	31.9 (27.9-36.1)
Female	741	55,888	31.6 (28.0-35.4)
Race/Ethnicity			
White	912	87,454	29.8 (27.2-32.6)
Black	174	12,724	52.9 (42.6-63.0)
Other race/Ethnicity	47	9,404	33.4 (21.1-48.4)
Age			
18-24 Years	13	†	†
25-34 Years	63	20,420	34.0 (26.6-42.2)
35-44 Years	156	19,743	36.0 (30.8-41.5)
45-54 Years	191	22,150	38.0 (33.1-43.1)
55-64 Years	192	17,592	34.4 (29.3-40.0)
65+ Years	513	17,728	27.3 (24.9-29.9)
Household Income			
Less than \$15K	105	8,241	36.9 (24.9-50.8)
\$15K-\$24,999	197	13,247	35.2 (27.1-44.3)
\$25K-\$34,999	128	10,949	30.5 (22.1-40.4)
\$35K-\$49,999	141	11,216	33.1 (24.9-42.6)
\$50K or greater	457	56,067	31.2 (27.9-34.7)
Education			
Less than High School	96	8,645	40.6 (28.3-54.3)
High School	305	27,114	32.6 (26.7-39.1)
Some College	331	34,070	36.8 (31.5-42.4)
College Grad	399	39,631	26.7 (23.3-30.5)
Employment			
Employed	470	69,540	31.9 (28.4-35.7)
Unemployed	29	3,939	49.0 (30.1-68.1)
Homemaker	36	4,339	28.7 (19.1-40.8)
Student	7	†	†
Retired	484	18,658	28.1 (25.3-31.1)
Unable to work	107	9,637	46.4 (37.5-55.6)
Sexual Orientation			
Straight	1,089	100,560	31.4 (28.8-34.2)
Gay or Lesbian	24	5,318	60.0 (36.0-80.0)
Bisexual	12	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 109. Prevalence estimate of Knox County adults who reported they were overweight or obese (25.0 BMI or greater) based on self-reported height and weight, 2018

(total n= 3,500)

	Yes Response	Weighted Response	Percent (CI)
Total	2,344	233,078	67.5 (64.5-70.3)
Gender			
Male	918	125,351	74.5 (70.2-78.3)
Female	1,426	107,727	60.9 (56.8-64.8)
Race/Ethnicity			
White	1,946	193,202	65.9 (62.7-69.0)
Black	287	19,677	81.9 (74.7-87.3)
Other race/Ethnicity	111	20,272	72.0 (57.8-82.8)
Age			
18-24 Years	32	28,643	53.3 (39.7-66.4)
25-34 Years	120	42,967	71.5 (63.5-78.3)
35-44 Years	297	39,823	72.6 (67.5-77.1)
45-54 Years	354	41,815	71.7 (67.0-76.0)
55-64 Years	358	36,107	70.6 (65.4-75.4)
65+ Years	1,168	42,709	65.8 (63.0-68.4)
Household Income			
Less than \$15K	180	14,229	63.8 (49.6-75.9)
\$15K-\$24,999	351	23,690	63.0 (54.8-70.5)
\$25K-\$34,999	266	22,920	63.8 (52.5-73.7)
\$35K-\$49,999	277	22,782	67.3 (57.5-75.8)
\$50K or greater	1,011	125,771	70.0 (66.0-73.7)
Education			
Less than High School	171	13,494	63.5 (49.9-75.2)
High School	608	55,337	66.6 (59.8-72.8)
Some College	678	64,938	70.1 (64.5-75.1)
College Grad	885	99,247	67.0 (62.6-71.1)
Employment			
Employed	941	150,197	68.9 (64.8-72.7)
Unemployed	47	5,962	74.1 (56.4-86.3)
Homemaker	73	8,823	58.4 (46.8-69.2)
Student	15	†	†
Retired	1,099	44,614	67.3 (64.3-70.1)
Unable to work	169	15,282	73.6 (65.7-80.3)
Sexual Orientation			
Straight	2,268	217,426	67.9 (64.9-70.8)
Gay or Lesbian	36	6,861	77.4 (58.1-89.4)
Bisexual	18	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 110. Prevalence estimate of Knox County adults ages 45+ who reported they fell one or more times during the past 12 months, 2018

(total n = 2,896)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 45+	817	45,623	25.6 (23.5-27.8)
Gender			
Male	239	18,906	23.0 (19.8-26.5)
Female	578	26,717	27.8 (25.2-30.6)
Race/Ethnicity			
White	717	41,700	26.3 (24.1-28.7)
Black	70	2,416	18.6 (13.8-24.6)
Other race/Ethnicity	29	1,491	21.0 (13.2-31.7)
Age			
45-54 Years	115	12,673	21.3 (17.6-25.6)
55-64 Years	148	13,436	25.5 (21.2-30.3)
65+ Years	554	19,514	29.5 (27.0-32.1)
Household Income			
Less than \$15K	86	4,284	38.7 (30.5-47.5)
\$15K-\$24,999	169	7,664	34.6 (29.1-40.6)
\$25K-\$34,999	114	5,405	34.4 (27.7-41.8)
\$35K-\$49,999	103	4,668	30.8 (24.9-37.4)
\$50K or greater	242	18,560	19.4 (16.7-22.5)
Education			
Less than High School	77	3,840	30.1 (23.0-38.4)
High School	235	12,260	27.9 (23.8-32.5)
Some College	243	12,153	27.2 (23.2-31.6)
College Grad	262	17,373	22.6 (19.5-26.0)
Employment			
Employed	265	15,934	19.0 (15.9-22.4)
Unemployed	14	†	†
Homemaker	18	†	†
Student	3	†	†
Retired	523	19,595	29.6 (26.9-32.4)
Unable to work	93	6,916	44.6 (36.1-53.4)
Sexual Orientation			
Straight	789	44,082	25.5 (23.4-27.8)
Gay or Lesbian	14	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 111. Prevalence estimate of Knox County senior adults ages 65+ who reported they fell one or more times during the past 12 months, 2018

(total n = 1,854)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 65+	554	19,514	29.5 (27.0-32.1)
Gender			
Male	153	7,940	27.9 (23.7-32.5)
Female	401	11,574	30.7 (27.7-33.9)
Race/Ethnicity			
White	493	17,995	29.8 (27.1-32.6)
Black	45	925	23.5 (16.7-31.9)
Other race/Ethnicity	16	†	†
Age			
65+ Years	554	19,514	29.5 (27.0-32.1)
Household Income			
Less than \$15K	47	1,274	35.1 (26.1-45.4)
\$15K-\$24,999	130	4,415	38.1 (31.9-44.6)
\$25K-\$34,999	94	3,217	32.0 (25.4-39.3)
\$35K-\$49,999	71	2,402	29.1 (22.8-36.3)
\$50K or greater	135	5,601	26.2 (21.8-31.0)
Education			
Less than High School	52	19,514	28.9 (21.0-38.2)
High School	163	1,975	28.6 (24.1-33.5)
Some College	176	5,355	31.2 (26.6-36.2)
College Grad	163	6,468	29.1 (24.8-33.9)
Employment			
Employed	40	1,592	22.4 (15.5-31.3)
Unemployed	2	†	†
Homemaker	5	†	†
Student	2	†	†
Retired	486	17,079	30.6 (27.8-33.5)
Unable to work	19	†	†
Sexual Orientation			
Straight	536	18,966	29.2 (26.7-31.9)
Gay or Lesbian	9	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 112. Among Knox County senior adults ages 65+ who reported they fell one or more times during the past 12 months, the prevalence estimate who reported the injury caused them to limit their normal activities for at least a day, 2018

(total n = 550)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 65+	214	7,859	40.4 (35.3-45.7)
Gender			
Male	48	2,742	34.6 (26.2-44.1)
Female	166	5,117	44.4 (38.4-50.6)
Race/Ethnicity			
White	185	7,184	40.0 (34.7-45.6)
Black	21	413	45.6 (28.5-63.7)
Other race/Ethnicity	8	†	†
Age			
65+ Years	214	7,859	40.4 (35.3-45.7)
Household Income			
Less than \$15K	24	641	50.3 (34.0-88.6)
\$15K-\$24,999	62	1,822	41.7 (31.6-52.6)
\$25K-\$34,999	30	1,186	36.9 (24.9-50.7)
\$35K-\$49,999	21	873	36.3 (23.6-51.3)
\$50K or greater	51	2,354	42.0 (32.2-52.5)
Education			
Less than High School	23	873	44.8 (28.3-62.5)
High School	61	1,890	35.4 (26.4-45.6)
Some College	70	2,467	43.3 (34.6-52.5)
College Grad	60	2,628	40.8 (31.8-50.3)
Employment			
Employed	15	†	†
Unemployed	1	†	†
Homemaker	2	†	†
Student	0	†	†
Retired	181	6,776	39.8 (34.4-45.5)
Unable to work	15	†	†
Sexual Orientation			
Straight	207	7,678	40.6 (35.5-45.8)
Gay or Lesbian	3	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 113. Prevalence estimate of Knox County adults who reported they always wear a seatbelt, 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	3,384	321,068	90.5 (88.4-92.2)
Gender			
Male	1,099	146,409	86.3 (82.6-89.3)
Female	2,285	174,659	94.3 (92.3-95.7)
Race/Ethnicity			
White	2,892	273,724	91.2 (89.0-92.9)
Black	349	22,124	88.3 (80.0-93.4)
Other race/Ethnicity	142	25,277	85.2 (73.8-92.2)
Age			
18-24 Years	56	46,667	84.8 (73.6-91.7)
25-34 Years	157	53,437	87.9 (81.4-92.3)
35-44 Years	388	50,069	88.8 (84.7-91.8)
45-54 Years	467	54,476	90.9 (87.6-93.4)
55-64 Years	508	50,569	95.3 (92.6-97.0)
65+ Years	1,773	63,243	95.8 (93.4-95.9)
Household Income			
Less than \$15K	255	22,176	94.4 (89.4-97.1)
\$15K-\$24,999	533	36,300	94.8 (92.2-96.6)
\$25K-\$34,999	386	29,946	83.2 (73.5-89.8)
\$35K-\$49,999	398	29,404	84.7 (73.8-91.6)
\$50K or greater	1,372	168,626	91.5 (88.8-93.5)
Education			
Less than High School	253	18,999	87.8 (71.1-95.5)
High School	896	75,927	88.7 (84.1-92.2)
Some College	938	84,419	88.8 (84.2-92.1)
College Grad	1,294	141,496	92.8 (90.3-94.8)
Employment			
Employed	1,261	195,494	88.0 (85.0-90.5)
Unemployed	60	7,816	95.4 (89.0-98.2)
Homemaker	132	14,884	92.4 (80.4-97.3)
Student	30	17,779	97.0 (81.4-99.6)
Retired	1,669	65,185	95.1 (93.8-96.2)
Unable to work	229	19,448	91.7 (82.7-96.2)
Sexual Orientation			
Straight	3,255	298,453	90.6 (88.7-92.3)
Gay or Lesbian	55	8,767	98.7 (90.8-99.8)
Bisexual	36	9,796	85.9 (51.4-97.2)

2018 Knox County Behavioral Risk Factor Survey

Table 114. Prevalence estimate of Knox County adults who reported they nearly always or sometimes wear their seatbelts, 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	193	27,303	7.7 (6.1-9.7)
Gender			
Male	96	18,456	10.9 (8.1-14.5)
Female	97	8,848	4.8 (3.4-6.6)
Race/Ethnicity			
White	151	21,072	7.0 (5.4-9.1)
Black	28	†	†
Other race/Ethnicity	14	†	†
Age			
18-24 Years	11	†	†
25-34 Years	16	†	†
35-44 Years	32	4,328	7.7 (5.2-11.2)
45-54 Years	35	4,205	7.0 (4.9-10.1)
55-64 Years	19	†	†
65+ Years	76	2,701	4.1 (3.1-5.3)
Household Income			
Less than \$15K	11	†	†
\$15K-\$24,999	34	1,611	4.2 (2.6-6.7)
\$25K-\$34,999	31	5,397	15.0 (8.6-24.8)
\$35K-\$49,999	21	†	†
\$50K or greater	73	11,960	6.5 (4.7-9.0)
Education			
Less than High School	17	†	†
High School	56	7,756	9.1 (5.9-13.7)
Some College	58	8,940	9.4 (6.2-14.0)
College Grad	62	8,385	5.5 (3.8-7.8)
Employment			
Employed	103	21,661	9.8 (7.4-12.7)
Unemployed	4	†	†
Homemaker	5	†	†
Student	1	†	†
Retired	71	2,525	3.7 (2.8-4.9)
Unable to work	9	†	†
Sexual Orientation			
Straight	184	24,337	7.4 (5.9-9.3)
Gay or Lesbian	1	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 115. Prevalence estimate of Knox County adults who reported they seldom or never wear their seatbelts, 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	62	6,589	1.9 (1.3-2.7)
Gender			
Male	37	4,801	2.8 (1.8-4.4)
Female	25	†	†
Race/Ethnicity			
White	48	5,483	1.8 (1.2-2.7)
Black	8	†	†
Other race/Ethnicity	6	†	†
Age			
18-24 Years	0	†	†
25-34 Years	4	†	†
35-44 Years	13	†	†
45-54 Years	11	†	†
55-64 Years	9	†	†
65 Years+ Years	24	801	1.2 (0.8-1.9)
Household Income			
Less than \$15K	7	†	†
\$15K-\$24,999	8	†	†
\$25K-\$34,999	5	†	†
\$35K-\$49,999	9	†	†
\$50K or greater	26	3,814	2.1 (1.2-3.5)
Education			
Less than High School	4	†	†
High School	22	†	†
Some College	19	†	†
College Grad	17	†	†
Employment			
Employed	29	4,995	2.3 (1.4-3.5)
Unemployed	2	†	†
Homemaker	0	†	†
Student	0	†	†
Retired	24	810	1.2 (0.8-1.9)
Unable to work	7	†	†
Sexual Orientation			
Straight	60	6,494	2.0 (1.4-2.8)
Gay or Lesbian	0	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 116. Among Knox County adults who currently drink alcohol, the prevalence estimate who reported they have driven after drinking too much alcohol one or more times during the past 30 days, 2018

(total n = 1,369)

	Yes Response	Weighted Response	Percent (CI)
Total	37	5,618	3.5 (2.3-5.3)
Gender			
Male	18	†	†
Female	19	†	†
Race/Ethnicity			
White	31	4,927	3.5 (2.2-5.5)
Black	4	†	†
Other race/Ethnicity	2	†	†
Age			
18-24 Years	0	†	†
25-34 Years	4	†	†
35-44 Years	10	†	†
45-54 Years	13	†	†
55-64 Years	4	†	†
65+ Years	6	†	†
Household Income			
Less than \$15K	1	†	†
\$15K-\$24,999	2	†	†
\$25K-\$34,999	4	†	†
\$35K-\$49,999	3	†	†
\$50K or greater	26	4,163	4.1 (2.6-6.5)
Education			
Less than High School	2	†	†
High School	5	†	†
Some College	16	†	†
College Grad	14	†	†
Employment			
Employed	29	4,775	4.0 (2.6-6.2)
Unemployed	2	†	†
Homemaker	0	†	†
Student	0	†	†
Retired	6	†	†
Unable to work	0	†	†
Sexual Orientation			
Straight	36	5,572	3.8 (2.5-5.7)
Gay or Lesbian	1	†	†
Bisexual	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 117. Prevalence estimate of Knox County adults who reported they were told by a health professional they had skin cancer, 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	591	33,102	9.3 (8.2-10.5)
Gender			
Male	218	15,236	9.0 (7.4-10.8)
Female	373	17,866	9.7 (8.2-11.3)
Race/Ethnicity			
White	573	32,314	10.7 (9.5-12.1)
Black	3	†	†
Other race/Ethnicity	15	†	†
Age			
18-24 Years	0	†	†
25-34 Years	5	†	†
35-44 Years	11	†	†
45-54 Years	39	6,091	9.0 (6.3-12.7)
55-64 Years	63	6,091	11.4 (8.6-15.1)
65+ Years	466	17,826	26.7 (24.3-29.3)
Household Income			
Less than \$15K	32	1,317	5.6 (3.4-9.0)
\$15K-\$24,999	88	4,045	10.6 (7.4-15.0)
\$25K-\$34,999	79	3,569	9.9 (6.7-14.3)
\$35K-\$49,999	84	3,277	9.5 (6.9-12.8)
\$50K or greater	225	17,510	9.5 (7.9-11.3)
Education			
Less than High School	40	2,035	9.4 (5.9-14.7)
High School	166	7,798	9.1 (7.0-11.8)
Some College	149	6,909	7.3 (5.7-9.2)
College Grad	235	16,333	10.7 (8.9-12.8)
Employment			
Employed	106	11,437	5.1 (4.0-7.0)
Unemployed	4	†	†
Homemaker	22	1,568	9.7 (5.9-15.6)
Student	1	†	†
Retired	438	17,605	25.6 (23.0-28.4)
Unable to work	20	†	†
Sexual Orientation			
Straight	577	31,998	9.7 (8.6-11.0)
Gay or Lesbian	3	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 118. Prevalence estimate of Knox County adults who reported they were told by a health professional they have a form of cancer other than skin cancer, 2018

(total n = 3,635)

	Yes Response	Weighted Response	Percent (CI)
Total	495	25,540	7.2 (6.3-8.2)
Gender			
Male	144	10,252	6.0 (4.7-7.6)
Female	351	15,288	8.3 (7.1-9.7)
Race/Ethnicity			
White	432	22,968	7.6 (6.6-8.8)
Black	45	1,375	5.5 (3.6-8.4)
Other race/Ethnicity	18	†	†
Age			
18-24 Years	0	†	†
25-34 Years	5	†	†
35-44 Years	20	1,922	3.4 (2.0-5.7)
45-54 Years	28	3,019	5.1 (3.3-7.6)
55-64 Years	54	4,778	9.0 (6.5-12.5)
65+ Years	378	13,611	20.4 (18.2-22.9)
Household Income			
Less than \$15K	38	1,975	8.4 (5.3-13.2)
\$15K-\$24,999	101	3,915	10.2 (7.7-13.5)
\$25K-\$34,999	79	3,574	9.6 (6.6-13.8)
\$35K-\$49,999	67	3,465	10.0 (6.6-14.8)
\$50K or greater	146	9,730	5.3 (4.2-6.6)
Education			
Less than High School	45	2,329	11.0 (6.8-17.3)
High School	135	4,952	5.8 (4.5-7.4)
Some College	141	7,723	8.1 (6.3-10.4)
College Grad	174	10,536	6.9 (5.6-8.5)
Employment			
Employed	77	7,147	3.2 (2.4-4.3)
Unemployed	5	†	†
Homemaker	13	†	†
Student	2	†	†
Retired	371	14,273	20.8 (18.3-23.5)
Unable to work	27	2,496	12.0 (7.5-18.5)
Sexual Orientation			
Straight	481	24,321	7.3 (6.3-8.3)
Gay or Lesbian	4	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 119. Prevalence estimate of women ages 40+ who reported they had a mammogram during the past two years, 2018

(total n = 1,990)

	Yes Response	Weighted Response	Percent (CI)
Total Women Ages 40+	1,579	85,005	81.2 (78.8-83.4)
Race/Ethnicity			
White	1,339	75,710	81.5 (78.9-83.8)
Black	190	5,834	81.9 (74.3-87.7)
Other race/Ethnicity	49	3,448	74.6 (58.8-85.8)
Age			
40-44 Years	82	9,817	82.4 (74.0-88.5)
45-54 Years	232	23,820	81.3 (75.3-86.1)
55-64 Years	300	22,969	84.3 (79.2-88.4)
65+ Years	965	28,400	78.4 (75.4-81.1)
Household Income			
Less than \$15K	128	5,304	72.8 (63.8-80.2)
\$15K-\$24,999	267	9,631	69.0 (61.7-75.4)
\$25K-\$34,999	204	8,373	80.8 (73.7-86.3)
\$35K-\$49,999	201	7,924	79.4 (72.1-85.1)
\$50K or greater	556	44,979	87.2 (83.5-90.1)
Education			
Less than High School	110	4,953	70.9 (61.0-79.2)
High School	462	19,547	76.9 (71.8-81.3)
Some College	467	23,228	78.3 (72.9-82.8)
College Grad	540	37,277	87.6 (84.3-90.3)
Employment			
Employed	451	38,603	84.4 (80.2-87.8)
Unemployed	31	2,040	72.7 (52.0-86.7)
Homemaker	80	8,108	85.2 (75.9-91.3)
Student	2	†	†
Retired	902	29,000	79.5 (76.3-82.3)
Unable to work	112	7,215	72.0 (62.2-90.1)
Sexual Orientation			
Straight	1,535	82,088	81.2 (78.8-83.5)
Gay or Lesbian	22	1,596	83.8 (46.8-96.8)
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 120. Prevalence estimate of Knox County women ages 50-74 who reported they had a mammogram during the past two years, 2018

(total n = 1,035)

	Yes Response	Weighted Response	Percent (CI)
Total Women Ages 50-74	870	46,619	84.2 (81.0-87.0)
Race/Ethnicity			
White	732	41,590	84.9 (81.4-87.8)
Black	112	3,672	82.7 (73.2-89.3)
Other race/Ethnicity	25	1,444	70.5 (45.9-87.1)
Age			
50-54 Years	100	9,117	83.0 (73.4-89.6)
55-64 Years	300	22,969	84.3 (79.2-88.4)
65-74 Years	470	14,534	84.8 (80.8-88.1)
Household Income			
Less than \$15K	81	3,584	77.8 (67.2-86.0)
\$15K-\$24,999	137	5,605	67.8 (57.3-76.8)
\$25K-\$34,999	97	4,758	88.0 (79.2-93.4)
\$35K-\$49,999	124	4,781	86.8 (77.6-92.6)
\$50K or greater	331	23,763	89.9 (85.2-93.3)
Education			
Less than High School	47	2,434	71.3 (54.8-83.5)
High School	254	11,779	82.3 (75.6-87.5)
Some College	255	12,868	82.3 (75.2-87.7)
College Grad	314	19,538	88.9 (84.3-92.3)
Employment			
Employed	267	18,576	84.9 (78.9-89.4)
Unemployed	23	1,461	85.6 (63.8-95.2)
Homemaker	43	4,261	87.9 (75.4-94.5)
Student	1	†	†
Retired	448	16,478	86.0 (81.6-89.5)
Unable to work	88	5,832	75.2 (64.2-83.6)
Sexual Orientation			
Straight	839	44,638	83.9 (80.6-86.8)
Gay or Lesbian	17	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 121. Prevalence estimate of Knox County women ages 21-65 who reported they had a Pap test during the past three years, 2018

(total n = 1,024)

	Yes Response	Weighted Response	Percent (CI)
Total Women Ages 21-65	834	110,011	87.4 (84.9-89.6)
Race/Ethnicity			
White	696	93,859	86.9 (84.1-89.3)
Black	90	7,734	89.5 (82.3-94.0)
Other race/Ethnicity	47	8,402	91.6 (83.2-96.0)
Age			
21-24 Years	13	†	†
25-34 Years	90	28,128	96.7 (89.2-99.0)
35-44 Years	232	25,761	91.6 (87.1-94.6)
45-54 Years	232	24,611	84.7 (79.4-88.9)
55-64 Years	239	18,598	72.3 (65.9-77.8)
65 years	28	1,003	63.2 (47.0-76.8)
Household Income			
Less than \$15K	64	4,752	68.3 (54.5-79.6)
\$15K-\$24,999	82	8,801	75.6 (64.6-84.1)
\$25K-\$34,999	67	11,821	93.6 (87.2-97.7)
\$35K-\$49,999	81	9,788	86.0 (76.8-91.9)
\$50K or greater	489	68,631	90.5 (87.4-92.9)
Education			
Less than High School	33	5,136	83.7 (65.9-93.2)
High School	174	21,089	85.1 (78.7-89.9)
Some College	223	28,055	82.0 (75.8-86.8)
College Grad	404	55,731	91.8 (88.9-94.1)
Employment			
Employed	567	84,647	91.8 (89.1-93.8)
Unemployed	34	3,409	86.4 (68.4-94.9)
Homemaker	77	11,584	84.6 (74.9-91.0)
Student	4	†	†
Retired	71	4,040	67.1 (55.4-77.0)
Unable to work	81	5,993	62.5 (51.6-72.2)
Sexual Orientation			
Straight	796	100,956	87.9 (85.4-90.0)
Gay or Lesbian	16	†	†
Bisexual	18	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 122. Percent of Knox County women who reported they had a human papillomavirus (HPV) test, 2018

(total n = 1,679)

	Yes Response	Weighted Response	Percent (CI)
Total Women	575	65,466	50.3 (45.8-54.8)
Race/Ethnicity			
White	469	55,560	50.8 (46.1-55.5)
Black	74	5,025	42.8 (28.4-58.5)
Other race/Ethnicity	32	4,881	54.0 (30.9-75.6)
Age			
18-24 Years	10	†	†
25-34 Years	53	17,391	72.8 (60.4-82.4)
35-44 Years	139	15,235	74.9 (67.5-81.1)
45-54 Years	125	12,466	59.7 (51.9-67.0)
55-64 Years	94	7,470	39.7 (32.4-47.5)
65+ Years	144	4,321	16.7 (13.8-19.9)
Household Income			
Less than \$15K	55	3,576	29.1 (17.1-45.0)
\$15K-\$24,999	74	7,706	44.7 (33.0-56.9)
\$25K-\$34,999	60	7,667	51.9 (36.6-66.8)
\$35K-\$49,999	62	6,209	54.1 (42.9-64.8)
\$50K or greater	281	36,895	60.8 (55.1-66.3)
Education			
Less than High School	39	4,334	48.8 (28.9-69.1)
High School	128	12,578	42.6 (33.6-52.1)
Some College	158	18,118	48.1 (39.5-56.8)
College Grad	248	30,212	56.2 (49.5-62.6)
Employment			
Employed	324	46,958	66.5 (60.5-72.1)
Unemployed	20	2,159	71.8 (49.8-86.8)
Homemaker	42	7,039	59.3 (46.3-71.1)
Student	3	†	†
Retired	132	4,791	17.7 (14.4-21.6)
Unable to work	54	4,194	48.0 (36.8-59.5)
Sexual Orientation			
Straight	546	65,340	50.6 (46.0-55.1)
Gay or Lesbian	7	†	†
Bisexual	18	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 123. Prevalence estimate of Knox County women ages 21-65 who reported they had a human papillomavirus (HPV) test during the past three years, 2018

(total n = 765)

	Yes Response	Weighted Response	Percent (CI)
Total Women Ages 21-65	331	48,509	51.6 (46.1-57.0)
Race/Ethnicity			
White	272	41,417	53.2 (47.5-58.8)
Black	41	3,625	37.4 (22.3-55.4)
Other race/Ethnicity	18	†	†
Age			
21-24 Years	8	†	†
25-34 Years	44	†	†
35-44 Years	110	11,928	60.1 (51.8-67.8)
45-54 Years	90	8,914	43.9 (36.3-51.8)
55-64 Years	71	5,632	30.4 (23.6-38.3)
65 Years	8	†	†
Household Income			
Less than \$15K	32	2,684	37.7 (20.3-59.1)
\$15K-\$24,999	31	5,161	45.6 (29.6-62.5)
\$25K-\$34,999	29	5,801	53.1 (33.0-72.2)
\$35K-\$49,999	35	4,782	59.0 (44.1-72.4)
\$50K or greater	190	28,246	55.1 (48.6-61.4)
Education			
Less than High School	12	†	†
High School	74	9,499	55.4 (44.2-66.0)
Some College	83	12,798	48.9 (38.6-59.2)
College Grad	162	23,277	51.5 (43.9-59.0)
Employment			
Employed	232	37,291	57.8 (51.3-64.0)
Unemployed	15	†	†
Homemaker	30	5,365	51.7 (37.2-65.8)
Student	3	†	†
Retired	19	†	†
Unable to work	32	2,735	36.8 (25.2-50.1)
Sexual Orientation			
Straight	310	43,065	50.5 (44.9-56.0)
Gay or Lesbian	5	†	†
Bisexual	15	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 124. Prevalence estimate of Knox County females who reported they had a hysterectomy, 2018

(total n = 2,389)

	Yes Response	Weighted Response	Percent (CI)
Total Women	904	39,259	21.7 (19.6-24.0)
Race/Ethnicity			
White	765	35,184	22.8 (20.4-25.3)
Black	120	3,322	23.7 (16.7-32.7)
Other race/Ethnicity	18	†	†
Age			
18-24 Years	0	†	†
25-34 Years	2	†	†
35-44 Years	29	2,480	8.8 (5.8-13.1)
45-54 Years	73	7,198	23.5 (18.5-29.5)
55-64 Years	141	9,440	33.8 (28.2-39.8)
65+ Years	650	19,315	50.9 (47.5-54.2)
Household Income			
Less than \$15K	77	2,934	20.2 (12.8-30.4)
\$15K-\$24,999	211	7,566	31.6 (24.7-39.5)
\$25K-\$34,999	127	4,150	21.8 (15.9-29.2)
\$35K-\$49,999	118	4,360	27.7 (20.5-36.3)
\$50K or greater	227	14,505	17.0 (14.3-20.1)
Education			
Less than High School	95	3,728	33.6 (22.3-47.3)
High School	311	12,924	29.8 (24.4-35.8)
Some College	277	11,139	21.1 (17.4-25.4)
College Grad	220	11,441	15.6 (12.8-18.8)
Employment			
Employed	181	12,428	12.5 (10.2-15.2)
Unemployed	11	†	†
Homemaker	35	2,984	19.7 (13.2-28.5)
Student	2	†	†
Retired	595	18,536	47.6 (44.1-51.2)
Unable to work	80	4,245	37.4 (28.4-47.3)
Sexual Orientation			
Straight	887	37,944	23.1 (20.8-25.5)
Gay or Lesbian	6	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 125. Prevalence estimate of Knox County men ages 40+ who reported a health care provider has talked to them about the advantages of a prostate specific antigen (PSA) test, 2018

(total n = 984)

	Yes Response	Weighted Response	Percent (CI)
Total Men Ages 40+	641	53,745	58.2 (54.0-62.2)
Race/Ethnicity			
White	560	47,726	59.2 (54.8-63.4)
Black	54	3,507	48.3 (34.6-62.3)
Other race/Ethnicity	27	2,512	55.8 (35.4-74.4)
Age			
40-44 Years	20	3,021	21.2 (13.4-32.0)
45-54 Years	93	12,299	45.2 (37.5-53.0)
55-64 Years	105	17,261	72.9 (64.6-79.9)
65+ Years	423	21,163	77.5 (72.9-81.6)
Household Income			
Less than \$15K	19	†	†
\$15K-\$24,999	71	4,040	54.8 (42.9-65.4)
\$25K-\$34,999	67	3,803	58.7 (45.8-70.6)
\$35K-\$49,999	67	3,736	53.1 (41.0-64.8)
\$50K or greater	355	36,294	59.7 (54.3-64.9)
Education			
Less than High School	34	2,302	39.6 (26.9-53.9)
High School	135	10,882	53.9 (44.9-62.6)
Some College	148	10,389	52.8 (44.3-61.3)
College Grad	324	30,173	64.6 (58.8-70.1)
Employment			
Employed	227	30,192	52.0 (46.3-57.7)
Unemployed	4	†	†
Homemaker	1	†	†
Student	2	†	†
Retired	382	20,177	75.0 (70.0-79.3)
Unable to work	24	2,672	49.0 (33.5-64.6)
Sexual Orientation			
Straight	621	51,932	58.0 (53.8-62.1)
Gay or Lesbian	10	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 126. Prevalence estimate of Knox County men ages 40+ who reported a health care provider has talked to them about the disadvantages of a prostate specific antigen (PSA) test, 2018

(total n = 961)

	Yes Response	Weighted Response	Percent (CI)
Total Men Ages 40+	343	28,557	31.3 (27.6-35.2)
Race/Ethnicity			
White	295	24,846	31.2 (27.3-35.4)
Black	37	2,400	33.8 (22.2-47.9)
Other race/Ethnicity	11	†	†
Age			
40-44 Years	13	†	†
45-54 Years	52	7,316	26.8 (20.3-34.5)
55-64 Years	50	8,309	36.1 (27.2-46.1)
65+ Years	228	10,845	40.5 (35.8-45.5)
Household Income			
Less than \$15K	13	†	†
\$15K-\$24,999	34	1,553	21.2 (14.1-30.5)
\$25K-\$34,999	40	2,318	36.4 (25.4-49.1)
\$35K-\$49,999	38	1,982	28.2 (19.5-38.9)
\$50K or greater	182	18,717	31.2 (26.4-36.5)
Education			
Less than High School	27	1,676	29.2 (18.1-43.5)
High School	70	6,018	29.2 (21.6-39.2)
Some College	72	4,869	25.8 (19.3-33.7)
College Grad	174	15,995	34.8 (29.4-40.5)
Employment			
Employed	117	15,779	27.6 (22.7-33.2)
Unemployed	3	†	†
Homemaker	1	†	†
Student	2	†	†
Retired	210	10,720	40.3 (35.1-45.7)
Unable to work	10	†	†
Sexual Orientation			
Straight	333	27,533	31.1 (27.4-35.1)
Gay or Lesbian	5	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 127. Prevalence estimate of Knox County men ages 40+ who reported a health care provider recommended they have a prostate specific antigen (PSA) test, 2018

(total n = 986)

	Yes Response	Weighted Response	Percent (CI)
Total Men Ages 40+	619	51,680	54.9 (50.8-58.9)
Race/Ethnicity			
White	546	46,686	56.5 (52.1-60.8)
Black	47	2,619	37.9 (25.7-51.9)
Other race/Ethnicity	26	2,375	52.8 (32.8-71.9)
Age			
40-44 Years	13	†	†
45-54 Years	85	11,372	40.9 (33.4-48.8)
55-64 Years	101	16,977	68.6 (59.9-76.2)
65+ Years	420	21,429	77.9 (73.4-81.8)
Household Income			
Less than \$15K	17	†	†
\$15K-\$24,999	71	4,570	56.5 (44.8-67.6)
\$25K-\$34,999	75	4,210	64.1 (51.1-75.3)
\$35K-\$49,999	66	3,720	53.0 (41.0-64.8)
\$50K or greater	336	33,933	55.3 (49.8-60.7)
Education			
Less than High School	30	2,425	41.2 (27.9-55.8)
High School	135	10,944	51.4 (42.4-60.2)
Some College	151	10,348	52.6 (43.9-61.1)
College Grad	303	27,964	59.3 (53.4-64.9)
Employment			
Employed	206	27,147	46.5 (40.8-52.3)
Unemployed	5	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	382	21,196	76.4 (71.7-80.6)
Unable to work	22	2,390	40.8 (26.7-56.7)
Sexual Orientation			
Straight	599	49,897	54.8 (50.5-58.9)
Gay or Lesbian	11	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 128. Prevalence estimate of Knox County men ages 40+ who reported they have had a prostate specific antigen (PSA) test, 2018

(total n = 891)

	Yes Response	Weighted Response	Percent (CI)
Total Men Ages 40+	634	50,382	53.9 (49.8-58.0)
Race/Ethnicity			
White	556	45,180	55.4 (51.0-59.7)
Black	52	2,821	39.5 (27.5-53.0)
Other race/Ethnicity	26	2,382	50.7 (31.4-69.8)
Age			
40-44 Years	14	†	†
45-54 Years	76	9,797	34.7 (27.7-42.5)
55-64 Years	96	15,890	65.9 (56.9-73.9)
65+ Years	448	22,780	83.3 (79.2-86.8)
Household Income			
Less than \$15K	17	†	†
\$15K-\$24,999	71	4,318	57.8 (46.1-68.7)
\$25K-\$34,999	75	4,269	65.0 (51.9-76.1)
\$35K-\$49,999	70	3,789	54.4 (43.1-66.2)
\$50K or greater	347	33,761	54.6 (49.2-60.0)
Education			
Less than High School	33	2,333	40.1 (27.0-54.8)
High School	135	10,552	51.0 (41.9-60.0)
Some College	156	9,994	51.3 (42.8-59.8)
College Grad	310	27,503	58.1 (52.2-63.8)
Employment			
Employed	196	25,285	43.1 (37.5-48.8)
Unemployed	4	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	411	22,369	82.4 (78.0-86.1)
Unable to work	19	†	†
Sexual Orientation			
Straight	613	48,613	53.8 (49.5-57.9)
Gay or Lesbian	11	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 129. Prevalence estimate of Knox County men ages 40+ who reported they had a prostate specific antigen (PSA) test during the past two years, 2018

(total n = 966)

	Yes Response	Weighted Response	Percent (CI)
Total Men Ages 40+	523	43,245	46.6 (42.6-50.7)
Race/Ethnicity			
White	458	38,780	47.9 (43.5-52.6)
Black	43	2,352	32.9 (22.2-45.8)
Other race/Ethnicity	22	2,114	45.7 (26.9-65.8)
Age			
40-44 Years	11	†	†
45-54 Years	67	8,830	31.4 (24.6-39.1)
55-64 Years	85	13,888	57.8 (48.4-66.6)
65+ Years	360	18,819	70.1 (65.3-74.6)
Household Income			
Less than \$15K	14	†	†
\$15K-\$24,999	57	3,783	51.1 (39.6-62.5)
\$25K-\$34,999	56	3,413	53.1 (40.6-65.2)
\$35K-\$49,999	56	2,957	42.7 (31.9-54.3)
\$50K or greater	297	29,402	47.8 (42.4-53.2)
Education			
Less than High School	22	1,715	29.8 (18.0-45.1)
High School	114	8,999	43.6 (34.9-52.7)
Some College	130	8,892	46.0 (37.8-54.5)
College Grad	257	23,639	50.3 (44.5-56.1)
Employment			
Employed	173	22,424	38.3 (32.9-44.0)
Unemployed	4	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	325	18,232	68.4 (63.1-73.3)
Unable to work	17	†	†
Sexual Orientation			
Straight	508	42,072	46.8 (42.7-51.0)
Gay or Lesbian	9	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 130. Among Knox County men who had a prostate specific antigen (PSA) test, the main reason they cited for having the test reported by Knox County men ages 40+, 2018

(total n = 631)

	Yes Response	Weighted Response	Percent (CI)
Part of routine exam	483	38,850	77.5 (73.2-81.9)
Because of prostate problem	63	3,930	7.8 (5.4-10.2)
Because of family history of prostate cancer	31	3,422	6.8 (3.8-9.9)
Because they were told they had prostate cancer	35	2,608	5.2 (2.9-7.5)
Some other reason	19	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 131. Prevalence estimate of Knox County adults ages 50+ who reported they have used a home blood stool kit to determine if the stool contains blood, 2018

(total n = 2,595)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 50+	1,107	49,169	35.1 (32.7-37.6)
Gender			
Male	326	19,970	31.4 (27.5-35.5)
Female	781	29,199	38.3 (35.3-41.3)
Race/Ethnicity			
White	966	44,420	35.4 (32.8-38.1)
Black	111	3,367	34.6 (27.1-42.9)
Other race/Ethnicity	30	1,382	30.1 (18.8-44.5)
Age			
50-54 Years	49	4,383	20.4 (14.9-27.3)
55-64 Years	175	14,201	27.1 (22.8-31.8)
65+ Years	883	30,585	46.4 (43.5-49.2)
Household Income			
Less than \$15K	85	3,497	37.8 (29.3-47.0)
\$15K-\$24,999	216	8,150	40.2 (34.5-46.1)
\$25K-\$34,999	164	6,131	43.2 (36.2-50.6)
\$35K-\$49,999	149	5,485	43.6 (37.0-50.4)
\$50K or greater	335	19,769	29.8 (26.1-33.7)
Education			
Less than High School	88	3,776	33.6 (26.1-41.9)
High School	353	14,045	37.8 (33.1-42.7)
Some College	323	12,836	35.7 (31.3-40.5)
College Grad	342	18,487	33.3 (29.3-37.5)
Employment			
Employed	166	11,219	21.5 (17.8-25.8)
Unemployed	10	†	†
Homemaker	34	2,422	41.4 (27.9-56.4)
Student	1	†	†
Retired	820	30,158	45.8 (42.7-48.9)
Unable to work	76	4,635	34.6 (26.7-43.6)
Sexual Orientation			
Straight	1,079	48,627	35.3 (32.8-37.8)
Gay or Lesbian	10	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 132. Prevalence estimate of Knox County adults ages 50+ who reported they used a home blood stool test during the past two years, 2018

(total n = 2,544)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 50+	580	26,301	19.1 (17.2-21.1)
Gender			
Male	179	11,138	17.6 (14.7-20.9)
Female	401	15,164	20.3 (18.0-22.9)
Race/Ethnicity			
White	494	23,438	19.0 (17.0-21.1)
Black	66	1,851	19.1 (13.7-26.1)
Other race/Ethnicity	20	1,012	22.0 (13.0-35.7)
Age			
50-54 Years	32	2,491	11.6 (7.8-17.1)
55-64 Years	99	8,127	15.6 (12.3-19.6)
65+ Years	449	15,684	24.3 (22.0-26.8)
Household Income			
Less than \$15K	49	2,053	22.3 (15.5-31.0)
\$15K-\$24,999	112	4,266	21.5 (17.3-26.5)
\$25K-\$34,999	78	3,086	22.0 (16.4-28.9)
\$35K-\$49,999	79	3,035	24.7 (19.4-30.9)
\$50K or greater	195	11,162	16.9 (14.2-20.1)
Education			
Less than High School	39	1,720	15.7 (10.7-22.3)
High School	204	8,367	22.9 (19.2-27.1)
Some College	163	6,947	19.6 (16.1-23.6)
College Grad	174	9,267	16.9 (14.0-20.2)
Employment			
Employed	97	6,508	12.6 (9.9-16.0)
Unemployed	6	†	†
Homemaker	16	†	†
Student	1	†	†
Retired	413	15,185	23.5 (21.0-26.2)
Unable to work	47	2,941	22.3 (15.8-30.6)
Sexual Orientation			
Straight	566	25,421	19.1 (17.2-21.1)
Gay or Lesbian	4	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 133. Prevalence estimate of Knox County adults ages 50+ who reported they have had either a sigmoidoscopy or a colonoscopy, 2018

(total n = 2,602)

	Yes Response	Weighted Response	Percent (CI)
Total Adults 50+	2,104	109,713	78.0 (75.6-80.2)
Gender			
Male	665	51,327	80.0 (76.1-83.5)
Female	1,439	58,386	76.3 (73.3-79.1)
Race/Ethnicity			
White	1,816	98,770	78.2 (75.6-80.6)
Black	224	7,371	75.5 (67.0-82.4)
Other race/Ethnicity	62	3,541	78.3 (64.0-88.0)
Age			
50-54 Years	128	12,611	58.6 (50.3-66.3)
55-64 Years	407	40,629	76.9 (72.2-81.0)
65+ Years	1,569	56,473	85.2 (83.1-87.1)
Household Income			
Less than \$15K	141	5,564	59.3 (49.5-68.5)
\$15K-\$24,999	368	14,349	70.9 (64.9-76.2)
\$25K-\$34,999	282	11,925	84.0 (78.1-88.5)
\$35K-\$49,999	288	10,946	86.2 (80.3-90.6)
\$50K or greater	716	53,389	80.0 (75.9-83.3)
Education			
Less than High School	172	7,896	69.9 (60.6-77.9)
High School	622	29,295	78.9 (74.3-82.8)
Some College	597	27,951	77.7 (72.8-81.9)
College Grad	712	44,508	79.3 (75.3-82.8)
Employment			
Employed	440	39,069	74.4 (69.5-78.7)
Unemployed	24	1,477	61.9 (41.6-78.8)
Homemaker	50	3,728	65.4 (49.5-78.4)
Student	2	†	†
Retired	1,457	56,127	84.6 (82.3-86.7)
Unable to work	129	9,142	68.2 (58.8-76.4)
Sexual Orientation			
Straight	2,052	106,614	78.5 (76.0-80.7)
Gay or Lesbian	26	1,297	66.9 (43.0-84.4)
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 134. Among Knox County adults ages 50+ who had a colon exam, their last exam was a sigmoidoscopy and not a colonoscopy, 2018

(total n = 2,082)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 50+	29	1,460	1.3 (0.9-2.1)
Gender			
Male	12	†	†
Female	17	†	†
Race/Ethnicity			
White	25	1,293	1.3 (0.8-2.1)
Black	3	†	†
Other race/Ethnicity	1	†	†
Age			
50-54 Years	2	†	†
55-64 Years	5	†	†
65+ Years	22	1,030	1.8 (1.1-3.0)
Household Income			
Less than \$15K	3	†	†
\$15K-\$24,999	5	†	†
\$25K-\$34,999	6	†	†
\$35K-\$49,999	3	†	†
\$50K or greater	9	†	†
Education			
Less than High School	4	†	†
High School	10	†	†
Some College	8	†	†
College Grad	7	†	†
Employment			
Employed	5	†	†
Unemployed	0	†	†
Homemaker	2	†	†
Student	0	†	†
Retired	19	†	†
Unable to work	3	†	†
Sexual Orientation			
Straight	28	1,432	1.4 (0.9-2.1)
Gay or Lesbian	1	†	†
Bisexual	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 135. Prevalence estimate of Knox County adults ages 50+ who reported their last colon exam was a colonoscopy and not a sigmoidoscopy, 2018

(total n = 2,082)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 50+	2,053	107,609	98.7 (97.9-99.1)
Gender			
Male	646	50,416	98.7 (97.6-99.3)
Female	1,407	57,193	98.6 (97.5-99.3)
Race/Ethnicity			
White	1,769	96,832	98.7 (97.9-99.2)
Black	221	7,261	98.5 (84.6-99.6)
Other race/Ethnicity	61	3,485	98.4 (89.2-99.8)
Age			
50-54 Years	125	12,484	99.3 (97.1-99.9)
55-64 Years	400	40,196	99.2 (97.5-99.7)
65+ Years	1,528	54,928	98.2 (97.0-98.9)
Household Income			
Less than \$15K	135	5,319	96.9 (87.6-99.3)
\$15K-\$24,999	357	13,996	98.8 (96.9-99.5)
\$25K-\$34,999	274	11,591	97.5 (93.4-99.1)
\$35K-\$49,999	283	10,708	99.1 (96.7-99.8)
\$50K or greater	707	52,821	98.9 (97.7-99.5)
Education			
Less than High School	162	7,500	97.6 (91.1-99.4)
High School	606	28,672	98.2 (96.2-99.2)
Some College	581	27,415	98.9 (97.5-99.5)
College Grad	703	43,958	99.0 (97.8-99.5)
Employment			
Employed	433	38,724	99.3 (97.7-99.8)
Unemployed	24	1,477	100.0 (NA)
Homemaker	47	3,513	94.5 (79.9-98.7)
Student	2	†	†
Retired	1,421	54,790	98.4 (97.3-99.0)
Unable to work	124	8,935	98.9 (96.0-99.7)
Sexual Orientation			
Straight	2,002	104,537	98.7 (97.9-99.1)
Gay or Lesbian	25	1,270	97.9 (85.7-99.7)
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 136. Prevalence estimate of Knox County adults ages 50+ who reported their last sigmoidoscopy/colonoscopy was 10 or more years ago or never had a colon exam, 2018

(total n = 2,055)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 50+	206	9,300	8.7 (7.1-10.6)
Gender			
Male	61	4,295	8.5 (5.9-12.1)
Female	145	5,006	8.8 (7.0-10.8)
Race/Ethnicity			
White	187	8,573	8.9 (7.2-10.9)
Black	13	†	†
Other race/Ethnicity	6	†	†
Age			
50-54 Years	11	†	†
55-64 Years	26	2,227	5.6 (3.5-8.8)
65+ Years	169	5,760	10.4 (8.7-12.5)
Household Income			
Less than \$15K	19	†	†
\$15K-\$24,999	37	1,182	8.4 (5.6-12.5)
\$25K-\$34,999	37	1,612	13.7 (9.1-20.1)
\$35K-\$49,999	31	1,160	10.8 (6.9-16.4)
\$50K or greater	53	3,993	7.5 (5.1-11.0)
Education			
Less than High School	20	†	†
High School	63	3,198	11.4 (7.6-16.7)
Some College	55	1,863	6.8 (4.8-9.5)
College Grad	68	3,443	7.8 (5.6-10.6)
Employment			
Employed	37	2,743	7.0 (4.3-11.4)
Unemployed	0	†	†
Homemaker	2	†	†
Student	0	†	†
Retired	161	6,145	11.2 (9.1-13.7)
Unable to work	6	†	†
Sexual Orientation			
Straight	202	8,952	8.6 (7.0-10.5)
Gay or Lesbian	1	†	†
Bisexual	0	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 137. Prevalence estimate of Knox County adults ages 18-64 who reported they had been tested for the human immunodeficiency virus (HIV), 2018

(total n = 1,637)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	731	110,674	41.0 (37.4-44.7)
Gender			
Male	279	51,021	38.0 (32.8-43.4)
Female	452	59,653	44.0 (39.2-49.0)
Race/Ethnicity			
White	592	93,116	41.6 (37.7-45.6)
Black	93	9,736	48.6 (36.5-61.0)
Other race/Ethnicity	46	7,821	30.1 (19.8-42.9)
Age			
18-24 Years	15	†	†
25-34 Years	83	26,492	47.0 (38.5-55.7)
35-44 Years	212	26,176	47.9 (42.4-53.5)
45-54 Years	248	28,525	50.4 (45.3-55.6)
55-64 Years	173	16,130	32.3 (27.4-37.7)
Household Income			
Less than \$15K	69	6,689	35.2 (23.4-49.1)
\$15K-\$24,999	94	11,791	47.3 (35.7-59.2)
\$25K-\$34,999	57	13,326	54.4 (39.1-68.9)
\$35K-\$49,999	79	13,552	54.2 (41.6-66.3)
\$50K or greater	395	60,625	39.8 (35.7-44.0)
Education			
Less than High School	47	7,486	53.4 (34.6-71.3)
High School	146	24,619	38.4 (30.0-47.6)
Some College	209	30,379	43.5 (36.8-50.5)
College Grad	329	48,189	39.5 (35.0-44.3)
Employment			
Employed	504	86,431	42.6 (38.4-47.0)
Unemployed	24	2,440	33.1 (18.7-51.7)
Homemaker	47	6,497	48.6 (36.2-61.2)
Student	5	†	†
Retired	41	3,937	36.4 (25.6-48.7)
Unable to work	110	10,380	57.7 (47.8-67.1)
Sexual Orientation			
Straight	670	100,413	40.7 (37.0-44.4)
Gay or Lesbian	26	3,455	41.5 (19.9-67.0)
Bisexual	23	4,782	47.5 (23.6-72.5)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 138. Prevalence estimate of Knox County adults ages 18-64 who reported they engage in one or more HIV risk behaviors in the past year: IV drug use; treated for a STD; given/received money or drugs in exchange for sex; or had anal sex without a condom, 2018

(total n = 1,725)

	Yes Response	Weighted Response	Percent (CI)
Total Adults Ages 18-64	74	14,964	5.2 (3.8-7.2)
Gender			
Male	36	7,781	5.6 (3.6-8.5)
Female	38	7,184	4.9 (3.1-7.9)
Race/Ethnicity			
White	60	13,542	5.7 (4.0-8.0)
Black	10	†	†
Other race/Ethnicity	4	†	†
Age			
18-24 Years	6	†	†
25-34 Years	23	6,616	10.9 (6.9-16.9)
35-44 Years	25	2,533	4.5 (2.8-7.1)
45-54 Years	15	†	†
55-64 Years	5	†	†
Household Income			
Less than \$15K	11	†	†
\$15K-\$24,999	15	†	†
\$25K-\$34,999	14	†	†
\$35K-\$49,999	8	†	†
\$50K or greater	24	5,261	3.3 (1.9-5.5)
Education			
Less than High School	6	†	†
High School	21	†	†
Some College	27	6,086	8.0 (4.8-13.2)
College Grad	20	4,024	3.1 (1.7-5.6)
Employment			
Employed	57	14,964	5.3 (3.8-7.2)
Unemployed	4	†	†
Homemaker	0	†	†
Student	1	†	†
Retired	1	†	†
Unable to work	11	†	†
Sexual Orientation			
Straight	61	11,906	4.6 (3.2-6.4)
Gay or Lesbian	7	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 139. Prevalence estimate of Knox County adults who reported they were told by a health professional they had hepatitis C, 2018

(total n = 3,622)

	Yes Response	Weighted Response	Percent (CI)
Total	50	4,562	1.3 (0.8-2.1)
Gender			
Male	24	†	†
Female	26	1,286	0.7 (0.4-1.2)
Race/Ethnicity			
White	41	3,307	1.1 (0.7-1.7)
Black	5	†	†
Other race/Ethnicity	4	†	†
Age			
18-24 Years	1	†	†
25-34 Years	5	†	†
35-44 Years	4	†	†
45-54 Years	3	†	†
55-64 Years	16	†	†
65+ Years	21	732	1.1 (0.64-1.91)
Household Income			
Less than \$15K	8	†	†
\$15K-\$24,999	11	†	†
\$25K-\$34,999	8	†	†
\$35K-\$49,999	8	†	†
\$50K or greater	8	†	†
Education		†	†
Less than High School	8	†	†
High School	15	†	†
Some College	15	†	†
College Grad	12	†	†
Employment			
Employed	19	†	†
Unemployed	2	†	†
Homemaker	0	†	†
Student	0	†	†
Retired	18	†	†
Unable to work	11	†	†
Sexual Orientation			
Straight	47	3,962	1.2 (0.7-2.0)
Gay or Lesbian	2	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 140. Prevalence estimate of Knox County adults who reported they have difficulty hearing, 2018

(total n = 3,641)

	Yes Response	Weighted Response	Percent (CI)
Total	456	25,435	7.2 (6.2-8.2)
Gender			
Male	202	15,042	8.8 (7.3-10.7)
Female	254	10,394	5.6 (4.7-6.8)
Race/Ethnicity			
White	409	23,061	7.7 (6.7-8.8)
Black	24	†	†
Other race/Ethnicity	23	†	†
Age			
18-24 Years	0	†	†
25-34 Years	7	†	†
35-44 Years	15	†	†
45-54 Years	14	†	†
55-64 Years	54	4,863	9.2 (6.6-12.6)
65+ Years	362	14,875	22.3 (19.9-24.9)
Household Income			
Less than \$15K	40	2,453	10.4 (6.4-16.6)
\$15K-\$24,999	103	4,877	12.7 (9.5-16.8)
\$25K-\$34,999	62	3,208	8.9 (6.0-13.0)
\$35K-\$49,999	54	2,980	8.6 (5.7-12.9)
\$50K or greater	125	8,842	4.8 (3.8-6.1)
Education			
Less than High School	41	2,803	13.0 (8.0-20.3)
High School	133	6,881	8.0 (6.2-10.3)
Some College	135	6,138	6.5 (5.0-8.3)
College Grad	146	9,551	6.3 (5.0-7.9)
Employment			
Employed	68	6,961	3.1 (2.3-4.3)
Unemployed	4	†	†
Homemaker	4	†	†
Student	2	†	†
Retired	345	14,826	21.6 (19.1-24.3)
Unable to work	33	2,879	13.6 (8.8-20.3)
Sexual Orientation			
Straight	441	25,353	7.1 (6.2-8.2)
Gay or Lesbian	8	†	†
Bisexual	2	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 141. Prevalence estimate of Knox County adults who reported they have difficulty seeing, even when wearing glasses, 2018

(total n = 3,639)

	Yes Response	Weighted Response	Percent (CI)
Total	306	22,469	6.3 (5.1-7.8)
Gender			
Male	81	6,597	3.9 (2.9-5.1)
Female	225	15,873	8.6 (6.6-11.1)
Race/Ethnicity			
White	247	18,959	6.3 (5.0-8.0)
Black	40	1,535	6.1 (4.0-9.3)
Other race/Ethnicity	18	†	†
Age			
18-24 Years	2	†	†
25-34 Years	15	†	†
35-44 Years	12	†	†
45-54 Years	36	3,064	5.1 (3.4-7.6)
55-64 Years	51	4,455	8.4 (6.0-11.6)
65+ Years	187	6,711	10.1 (8.5-11.9)
Household Income			
Less than \$15K	47	2,874	12.2 (7.8-18.7)
\$15K-\$24,999	86	4,275	11.2 (8.2-15.0)
\$25K-\$34,999	42	†	†
\$35K-\$49,999	32	1,833	5.3 (3.1-8.9)
\$50K or greater	58	6,317	3.4 (2.4-4.9)
Education			
Less than High School	47	5,284	24.4 (13.8-39.5)
High School	94	5,253	6.2 (4.2-8.9)
Some College	85	5,534	5.8 (4.1-8.1)
College Grad	80	6,398	4.2 (3.1-5.7)
Employment			
Employed	61	9,157	4.1 (2.7-6.3)
Unemployed	11	†	†
Homemaker	8	†	†
Student	2	†	†
Retired	176	6,594	9.6 (8.0-11.5)
Unable to work	47	3,833	18.1 (12.4-25.5)
Sexual Orientation			
Straight	287	20,027	6.1 (4.9-7.6)
Gay or Lesbian	11	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 142. Prevalence estimate of Knox County adults who reported they have difficulty walking or climbing stairs, 2018

(total n = 3,637)

	Yes Response	Weighted Response	Percent (CI)
Total	927	51,539	14.5 (12.1-16.1)
Gender			
Male	242	21,004	12.4 (10.2-14.8)
Female	685	30,535	16.5 (14.6-18.6)
Race/Ethnicity			
White	771	44,712	14.9 (13.3-16.6)
Black	121	3,992	15.9 (11.9-20.9)
Other race/Ethnicity	35	2,906	9.9 (5.5-17.0)
Age			
18-24 Years	4	†	†
25-34 Years	9	†	†
35-44 Years	29	†	†
45-54 Years	81	8,212	13.7 (10.7-17.4)
55-64 Years	144	13,101	24.6 (20.3-29.6)
65+ Years	653	21,921	32.9 (30.3-35.6)
Household Income			
Less than \$15K	132	8,426	36.9 (25.7-47.4)
\$15K-\$24,999	246	11,403	29.9 (24.1-36.4)
\$25K-\$34,999	129	6,364	17.7 (12.7-24.1)
\$35K-\$49,999	99	4,799	13.8 (10.1-18.7)
\$50K or greater	175	12,778	6.9 (5.6-8.5)
Education			
Less than High School	124	6,981	32.3 (23.5-42.6)
High School	320	17,971	21.0 (17.1-25.6)
Some College	266	14,607	15.3 (12.6-18.6)
College Grad	217	12,041	7.9 (6.5-9.5)
Employment			
Employed	111	11,481	5.2 (4.0-6.7)
Unemployed	16	†	†
Homemaker	18	†	†
Student	1	†	†
Retired	619	22,351	32.5 (29.7-35.4)
Unable to work	162	14,273	67.6 (59.1-75.1)
Sexual Orientation			
Straight	896	48,382	14.7 (13.2-16.3)
Gay or Lesbian	15	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 143. Prevalence estimate of Knox County adults who reported they have difficulty dressing or bathing, 2018

(total n = 3,642)

	Yes Response	Weighted Response	Percent (CI)
Total	191	10,927	3.1 (2.5-3.8)
Gender			
Male	50	4,175	2.5 (1.7-3.6)
Female	141	6,751	3.6 (2.9-4.7)
Race/Ethnicity			
White	159	9,588	3.2 (2.5-4.0)
Black	21	828	3.3 (1.9-5.6)
Other race/Ethnicity	11	†	†
Age			
18-24 Years	1	†	†
25-34 Years	0	†	†
35-44 Years	9	†	†
45-54 Years	27	2,406	4.0 (2.6-6.1)
55-64 Years	28	2,589	4.9 (3.0-7.9)
65+ Years	125	4,660	7.0 (5.6-8.6)
Household Income			
Less than \$15K	40	2,701	11.5 (6.9-18.6)
\$15K-\$24,999	50	2,199	5.8 (4.0-8.2)
\$25K-\$34,999	19	†	†
\$35K-\$49,999	19	†	†
\$50K or greater	31	2,459	1.3 (0.8-2.3)
Education			
Less than High School	29	1,527	7.1 (4.1-11.9)
High School	65	3,737	4.4 (2.9-6.5)
Some College	45	2,182	2.3 (1.6-3.3)
College Grad	53	3,568	2.3 (1.6-3.4)
Employment			
Employed	22	†	†
Unemployed	5	†	†
Homemaker	2	†	†
Student	1	†	†
Retired	111	4,475	6.5 (5.1-8.2)
Unable to work	51	3,510	16.6 (11.7-22.8)
Sexual Orientation			
Straight	180	9,889	3.0 (2.4-3.7)
Gay or Lesbian	8	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 144. Prevalence estimate of Knox County adults who reported they have difficulty doing errands such as going to the doctor or shopping due to physical, mental, or emotional handicaps, 2018

(total n = 3,641)

	Yes Response	Weighted Response	Percent (CI)
Total	392	23,092	6.5 (5.5-7.6)
Gender			
Male	80	7,574	4.4 (3.2-6.1)
Female	312	15,519	8.4 (7.0-10.1)
Race/Ethnicity			
White	324	19,590	6.5 (5.4-7.8)
Black	49	1,904	7.6 (5.1-11.2)
Other race/Ethnicity	19	†	†
Age			
18-24 Years	2	†	†
25-34 Years	6	†	†
35-44 Years	18	†	†
45-54 Years	36	3,246	5.4 (3.7-7.8)
55-64 Years	68	5,760	10.8 (8.1-14.4)
65+ Years	259	9,032	13.5 (11.7-15.6)
Household Income			
Less than \$15K	75	5,388	22.9 (15.5-32.6)
\$15K-\$24,999	111	5,155	13.5 (9.7-18.4)
\$25K-\$34,999	57	3,589	9.9 (6.1-15.6)
\$35K-\$49,999	31	1,246	3.6 (2.2-5.7)
\$50K or greater	51	3,891	2.1 (1.5-3.1)
Education			
Less than High School	68	3,507	16.2 (11.0-23.3)
High School	139	8,366	9.8 (7.2-13.1)
Some College	103	6,453	6.8 (4.9-9.4)
College Grad	83	4,853	3.2 (2.4-4.2)
Employment			
Employed	29	3,176	6.5 (5.5-7.7)
Unemployed	11	†	†
Homemaker	7	†	†
Student	2	†	†
Retired	245	8,848	12.9 (11.0-15.0)
Unable to work	99	9,139	43.2 (34.4-52.4)
Sexual Orientation			
Straight	377	21,729	6.6 (5.6-7.8)
Gay or Lesbian	7	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 145. Prevalence estimate of Knox County adults who reported they were told by a health professional they have chronic obstructive pulmonary disease (C.O.P.D.), emphysema, or chronic bronchitis, 2018

(total n = 3,630)

	Yes Response	Weighted Response	Percent (CI)
Total	432	24,844	7.0 (5.9-8.3)
Gender			
Male	105	8,233	4.9 (3.7-6.4)
Female	327	16,611	9.0 (7.2-11.1)
Race/Ethnicity			
White	356	21,228	7.1 (5.8-8.5)
Black	52	1,637	6.5 (4.4-9.5)
Other race/Ethnicity	24	2,050	7.0 (3.6-13.2)
Age			
18-24 Years	1	†	†
25-34 Years	11	†	†
35-44 Years	8	†	†
45-54 Years	36	3,813	6.4 (4.4-9.2)
55-64 Years	72	5,409	10.2 (7.7-13.4)
65+ Years	299	10,002	15.0 (13.2-17.1)
Household Income			
Less than \$15K	78	4,202	18.0 (12.3-25.6)
\$15K-\$24,999	109	5,752	15.1 (11.3-19.9)
\$25K-\$34,999	69	3,330	9.2 (6.0-14.0)
\$35K-\$49,999	40	†	†
\$50K or greater	71	4,654	2.5 (1.8-3.5)
Education			
Less than High School	77	5,085	23.6 (15.9-33.5)
High School	146	8,138	9.6 (6.6-13.7)
Some College	121	6,977	7.3 (5.5-9.7)
College Grad	89	4,732	3.1 (2.3-4.2)
Employment			
Employed	62	7,428	3.4 (2.1-5.3)
Unemployed	6	†	†
Homemaker	7	†	†
Student	2	†	†
Retired	284	10,489	15.3 (13.1-17.7)
Unable to work	71	5,427	25.8 (19.3-33.6)
Sexual Orientation			
Straight	415	21,962	6.7 (5.7-7.8)
Gay or Lesbian	5	†	†
Bisexual	6	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 146. Prevalence estimate of Knox County adults who reported they were told by a health professional they have arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia, 2018

(total n = 3,628)

	Yes Response	Weighted Response	Percent (CI)
Total	1,678	98,474	27.8 (25.7-30.0)
Gender			
Male	459	39,335	23.3 (20.3-26.5)
Female	1,219	59,139	32.0 (29.1-35.1)
Race/Ethnicity			
White	1,408	84,958	28.3 (26.1-30.7)
Black	200	8,176	32.7 (25.3-41.1)
Other race/Ethnicity	70	5,411	18.5 (11.9-27.7)
Age			
18-24 Years	5	†	†
25-34 Years	19	†	†
35-44 Years	71	7,466	13.3 (10.2-17.1)
45-54 Years	161	18,195	30.4 (26.1-35.2)
55-64 Years	262	24,052	46.0 (40.6-51.4)
65+ Years	1,140	38,701	58.1 (55.3-60.9)
Household Income			
Less than \$15K	160	8,522	36.6 (26.5-48.0)
\$15K-\$24,999	344	16,003	42.1 (34.7-49.8)
\$25K-\$34,999	223	10,839	29.9 (22.7-38.3)
\$35K-\$49,999	211	10,489	30.4 (23.8-38.0)
\$50K or greater	491	40,685	22.2 (19.6-24.9)
Education			
Less than High School	164	8,885	41.4 (30.6-53.1)
High School	512	26,643	31.3 (26.5-36.5)
Some College	483	27,854	29.4 (25.3-33.9)
College Grad	519	35,115	23.0 (20.3-26.0)
Employment			
Employed	330	36,003	16.3 (14.1-18.7)
Unemployed	27	2,413	29.7 (17.0-45.5)
Homemaker	52	5,913	36.7 (26.7-47.9)
Student	3	†	†
Retired	1,089	39,359	57.4 (54.3-60.6)
Unable to work	178	14,175	67.3 (57.6-75.6)
Sexual Orientation			
Straight	1,621	93,552	28.5 (26.3-30.7)
Gay or Lesbian	29	†	†
Bisexual	10	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 147. Prevalence estimate of Knox County adults who reported they were told by a health professional they have asthma, 2018

(total n = 3,635)

	Yes Response	Weighted Response	Percent (CI)
Total	521	58,742	16.6 (14.3-19.1)
Gender			
Male	153	23,538	13.9 (11.1-17.2)
Female	368	35,204	19.0 (15.7-22.8)
Race/Ethnicity			
White	431	48,976	16.3 (14.0-19.0)
Black	57	†	†
Other race/Ethnicity	34	5,200	17.7 (10.5-28.1)
Age			
18-24 Years	17	†	†
25-34 Years	42	13,620	22.6 (16.4-30.3)
35-44 Years	75	9,440	16.7 (13.1-21.1)
45-54 Years	73	7,318	12.2 (9.3-16.0)
55-64 Years	75	6,011	11.3 (8.6-14.8)
65+ Years	228	8,175	12.3 (10.5-14.3)
Household Income			
Less than \$15K	62	5,488	23.4 (13.4-37.6)
\$15K-\$24,999	95	7,292	19.1 (12.7-27.6)
\$25K-\$34,999	63	7,819	21.6 (14.1-31.6)
\$35K-\$49,999	61	8,198	23.6 (15.6-34.1)
\$50K or greater	169	24,694	13.4 (10.9-16.5)
Education			
Less than High School	44	3,640	16.9 (9.5-28.3)
High School	139	13,597	15.9 (11.3-22.0)
Some College	157	19,576	20.6 (16.1-26.0)
College Grad	182	22,015	14.4 (11.5-17.9)
Employment			
Employed	212	39,104	17.6 (14.6-21.2)
Unemployed	12	†	†
Homemaker	16	†	†
Student	5	†	†
Retired	207	8,216	12.0 (10.1-14.1)
Unable to work	69	4,494	21.2 (15.1-28.9)
Sexual Orientation			
Straight	501	53,180	16.2 (14.0-18.6)
Gay or Lesbian	5	†	†
Bisexual	8	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 148. Prevalence estimate of Knox County adults who reported they currently have asthma, 2018

(total n = 3,621)

	Yes Response	Weighted Response	Percent (CI)
Total	368	34,897	9.9 (8.2-12.0)
Gender			
Male	85	9,877	5.9 (4.2-8.1)
Female	283	25,020	13.6 (10.8-17.1)
Race/Ethnicity			
White	303	28,541	9.6 (7.8-11.7)
Black	47	†	†
Other race/Ethnicity	19	†	†
Age			
18-24 Years	7	†	†
25-34 Years	21	6,390	10.6 (6.5-17.0)
35-44 Years	39	4,390	18.5 (5.4-11.2)
45-54 Years	54	5,161	8.7 (6.2-12.0)
55-64 Years	64	5,277	9.9 (7.4-13.3)
65+ Years	177	6,250	9.4 (7.9-11.2)
Household Income			
Less than \$15K	49	4,545	19.4 (10.0-34.2)
\$15K-\$24,999	79	5,808	15.4 (9.5-24.0)
\$25K-\$34,999	46	5,060	14.0 (7.9-23.5)
\$35K-\$49,999	38	†	†
\$50K or greater	105	12,747	7.0 (5.4-9.0)
Education			
Less than High School	40	3,114	14.4 (7.6-25.8)
High School	104	8,280	9.9 (6.1-15.5)
Some College	109	10,437	11.1 (8.1-15.0)
College Grad	116	13,153	8.7 (6.3-11.7)
Employment			
Employed	125	20,458	9.3 (7.1-12.3)
Unemployed	8	†	†
Homemaker	11	†	†
Student	3	†	†
Retired	164	6,370	9.3 (7.7-11.2)
Unable to work	58	3,774	17.9 (12.5-25.1)
Sexual Orientation			
Straight	353	30,675	9.4 (7.7-11.4)
Gay or Lesbian	4	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 149. Prevalence estimate of Knox County adults who reported their neighborhood has trails, greenways, bike paths, or sidewalks for walking, biking, or activities, 2018

(total n = 3,610)

	Yes Response	Weighted Response	Percent (CI)
Total	1,645	168,766	47.8 (44.8-50.9)
Gender			
Male	551	77,027	45.6 (41.0-50.2)
Female	1,094	91,739	49.9 (46.0-53.8)
Race/Ethnicity			
White	1,378	140,430	46.9 (43.8-50.2)
Black	195	14,766	59.1 (49.3-68.3)
Other race/Ethnicity	72	13,640	47.4 (34.1-61.1)
Age			
18-24 Years	39	34,677	64.0 (50.8-75.4)
25-34 Years	77	27,086	44.7 (36.6-53.2)
35-44 Years	176	22,350	39.5 (34.3-45.0)
45-54 Years	232	26,490	44.2 (39.3-49.2)
55-64 Years	268	27,208	51.6 (46.1-57.0)
65+ Years	834	29,336	44.6 (41.9-47.5)
Household Income			
Less than \$15K	133	13,402	57.0 (44.1-69.1)
\$15K-\$24,999	251	19,437	51.3 (43.0-59.5)
\$25K-\$34,999	182	17,488	49.6 (38.3-61.0)
\$35K-\$49,999	185	15,449	44.6 (35.4-54.2)
\$50K or greater	682	85,437	46.4 (42.6-50.3)
Education			
Less than High School	110	9,948	46.6 (33.8-59.9)
High School	401	38,320	44.8 (38.0-51.9)
Some College	452	42,512	45.4 (39.8-51.1)
College Grad	681	77,848	51.2 (46.9-55.4)
Employment			
Employed	627	103,521	46.9 (42.8-51.0)
Unemployed	31	3,300	40.3 (24.1-58.9)
Homemaker	67	7,753	48.1 (37.3-59.2)
Student	19	†	†
Retired	787	30,766	45.4 (42.3-48.6)
Unable to work	112	9,647	45.8 (37.1-54.8)
Sexual Orientation			
Straight	1,582	155,430	47.5 (44.5-50.5)
Gay or Lesbian	22	†	†
Bisexual	21	7,704	67.6 (42.4-85.5)

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 150. Among Knox County adults who have neighborhood trails, greenways, bike paths, or sidewalks, the prevalence estimate who reported they use them an average of once per week, 2018

(total n = 1,637)

	Yes Response	Weighted Response	Percent (CI)
Total	620	77,245	45.9 (41.1-50.7)
Gender			
Male	230	33,813	43.9 (37.0-51.0)
Female	390	43,432	47.6 (41.2-54.0)
Race/Ethnicity			
White	520	63,013	45.0 (40.0-50.1)
Black	63	6,654	45.1 (30.7-60.5)
Other race/Ethnicity	36	7,561	55.5 (34.1-75.0)
Age			
18-24 Years	22	19,288	55.6 (37.7-72.2)
25-34 Years	33	12,644	47.0 (34.6-59.7)
35-44 Years	87	12,003	53.7 (45.1-62.1)
45-54 Years	96	11,267	42.5 (35.4-50.0)
55-64 Years	107	11,517	42.6 (35.1-50.4)
65+ Years	269	9,938	34.0 (30.1-38.1)
Household Income			
Less than \$15K	38	7,017	52.4 (33.5-70.6)
\$15K-\$24,999	81	8,591	44.2 (31.8-57.5)
\$25K-\$34,999	58	3,359	19.2 (11.3-30.8)
\$35K-\$49,999	66	5,914	38.3 (24.2-54.7)
\$50K or greater	319	43,922	51.6 (45.6-57.6)
Education			
Less than High School	25	†	†
High School	119	15,271	39.9 (29.2-51.6)
Some College	144	18,954	44.6 (35.5-54.2)
College Grad	330	39,667	51.2 (44.7-57.6)
Employment			
Employed	277	47,077	45.5 (39.2-52.1)
Unemployed	13	†	†
Homemaker	28	3,590	47.4 (31.6-63.7)
Student	14	11,253	83.9 (60.6-94.6)
Retired	256	10,935	35.7 (31.2-40.4)
Unable to work	31	2,578	26.7 (17.8-38.1)
Sexual Orientation			
Straight	593	70,188	45.3 (40.5-50.1)
Gay or Lesbian	9	†	†
Bisexual	11	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 151. Among Knox County adults who have neighborhood trails, greenways, bike paths, or sidewalks, the prevalence estimate who reported they use them on average once per month, 2018

(total n = 1,637)

	Yes Response	Weighted Response	Percent (CI)
Total	185	22,541	13.4 (10.1-17.6)
Gender			
Male	62	11,354	14.7 (9.1-23.0)
Female	123	11,187	12.3 (9.0-16.4)
Race/Ethnicity			
White	155	20,182	14.4 (10.6-19.4)
Black	20	†	†
Other race/Ethnicity	11	†	†
Age			
18-24 Years	7	†	†
25-34 Years	8	†	†
35-44 Years	27	3,661	16.4 (11.0-23.7)
45-54 Years	33	3,469	13.1 (8.9-18.9)
55-64 Years	29	2,522	9.3 (5.8-14.6)
65+ Years	80	2,871	9.8 (7.7-12.5)
Household Income			
Less than \$15K	13	†	†
\$15K-\$24,999	19	†	†
\$25K-\$34,999	23	†	†
\$35K-\$49,999	20	†	†
\$50K or greater	89	11,291	13.3 (10.1-17.3)
Education			
Less than High School	8	†	†
High School	39	5,954	15.5 (6.8-31.6)
Some College	55	5,726	13.5 (8.4-20.9)
College Grad	84	9,805	12.7 (9.2-17.1)
Employment			
Employed	85	15,491	15.0 (10.2-21.4)
Unemployed	4	†	†
Homemaker	10	†	†
Student	2	†	†
Retired	73	2,759	9.0 (6.8-11.8)
Unable to work	11	†	†
Sexual Orientation			
Straight	175	20,233	13.1 (9.7-17.4)
Gay or Lesbian	4	†	†
Bisexual	1	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 152. Among Knox County adults who have neighborhood trails, greenways, bike paths, or sidewalks, the prevalence estimate of reported they use on average a few times per year, 2018
(total n = 1,637)

	Yes Response	Weighted Response	Percent (CI)
Total	259	27,177	16.1 (12.9-20.0)
Gender			
Male	88	11,616	15.1 (10.4-21.3)
Female	171	15,561	17.0 (12.8-22.3)
Race/Ethnicity			
White	225	24,201	17.3 (13.6-21.7)
Black	30	1,773	12.0 (7.0-20.0)
Other race/ethnicity	4	†	†
Age			
18-24 Years	5	†	†
25-34 Years	12	†	†
35-44 Years	29	3,120	14.0 (9.3-20.5)
45-54 Years	42	5,128	19.4 (14.0-26.2)
55-64 Years	49	5,181	19.2 (13.5-26.5)
65+ Years	118	4,237	14.5 (11.9-17.6)
Household Income			
Less than \$15K	17	†	†
\$15K-\$24,999	37	3,780	19.5 (10.3-33.7)
\$25K-\$34,999	24	†	†
\$35K-\$49,999	29	2,896	18.8 (10.3-31.8)
\$50K or greater	120	14,625	17.2 (12.7-22.8)
Education			
Less than High School	16	†	†
High School	71	6,357	16.6 (11.1-24.0)
Some College	67	5,773	13.6 (9.4-19.3)
College Grad	105	12,738	16.4 (11.5-22.9)
Employment			
Employed	109	18,808	18.2 (13.4-24.2)
Unemployed	8	†	†
Homemaker	11	†	†
Student	2	†	†
Retired	111	4,167	13.6 (11.0-16.7)
Unable to work	18	†	†
Sexual Orientation			
Straight	250	24,614	15.9 (12.6-19.8)
Gay or Lesbian	2	†	†
Bisexual	4	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 153. Among Knox County adults who have neighborhood trails, greenways, bike paths, or sidewalks, the prevalence estimate who reported they never use them on average, 2018

(total n = 1,637)

	Yes Response	Weighted Response	Percent (CI)
Total	573	41,376	24.6 (21.3-28.2)
Gender			
Male	171	20,245	26.3 (21.0-32.4)
Female	402	21,132	23.1 (19.3-27.4)
Race/Ethnicity			
White	472	32,637	23.3 (20.1-26.9)
Black	81	5,309	36.0 (24.0-50.1)
Other race/Ethnicity	20	†	†
Age			
18-24 Years	5	†	†
25-34 Years	23	7,444	27.6 (17.9-40.1)
35-44 Years	33	3,567	16.0 (10.5-23.6)
45-54 Years	61	6,627	25.0 (19.2-32.0)
55-64 Years	85	7,830	29.0 (22.6-36.2)
65+ Years	361	12,174	41.7 (37.6-45.8)
Household Income			
Less than \$15K	65	4,261	31.8 (19.0-48.2)
\$15K-\$24,999	113	6,180	31.8 (23.0-42.1)
\$25K-\$34,999	76	5,383	30.8 (18.0-47.5)
\$35K-\$49,999	69	4,908	31.8 (20.1-46.3)
\$50K or greater	150	15,245	17.9 (14.2-22.4)
Education			
Less than High School	60	3,338	33.7 (19.3-51.8)
High School	171	10,723	28.0 (20.6-36.8)
Some College	184	12,020	28.3 (22.0-35.7)
College Grad	158	15,295	19.7 (15.3-25.0)
Employment			
Employed	155	21,992	21.3 (16.9-26.4)
Unemployed	6	†	†
Homemaker	16	†	†
Student	1	†	†
Retired	342	12,804	41.8 (37.2-46.5)
Unable to work	52	4,888	50.7 (38.3-63.0)
Sexual Orientation			
Straight	556	39,967	25.8 (22.3-29.6)
Gay or Lesbian	7	†	†
Bisexual	5	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 154. Prevalence estimate of Knox County adults who reported they have firearms in or around their home, 2018

(total n = 3,484)

	Yes Response	Weighted Response	Percent (CI)
Total	1,592	173,911	51.2 (48.2-54.3)
Gender			
Male	697	93,709	58.9 (54.0-63.5)
Female	895	80,203	44.5 (40.6-48.4)
Race/Ethnicity			
White	1,426	157,353	54.8 (51.6-58.0)
Black	104	6,776	28.0 (20.1-37.5)
Other race/Ethnicity	61	9,768	34.5 (23.6-47.3)
Age			
18-24 Years	30	23,037	43.6 (20.9-57.2)
25-34 Years	97	33,207	56.3 (47.8-64.6)
35-44 Years	226	30,596	56.0 (50.5-61.4)
45-54 Years	242	29,771	51.5 (46.4-56.7)
55-64 Years	238	27,062	54.2 (48.7-59.6)
65+ Years	751	29,654	46.7 (43.8-49.6)
Household Income			
Less than \$15K	56	4,910	21.5 (12.4-34.7)
\$15K-\$24,999	197	12,129	32.5 (26.1-39.7)
\$25K-\$34,999	179	14,837	41.8 (31.7-52.6)
\$35K-\$49,999	189	19,673	58.3 (48.9-67.1)
\$50K or greater	818	110,166	62.1 (58.5-65.7)
Education			
Less than High School	96	6,477	30.8 (21.5-41.8)
High School	399	38,447	47.7 (40.9-54.6)
Some College	489	52,339	57.7 (51.9-63.3)
College Grad	606	76,526	52.0 (47.7-56.3)
Employment			
Employed	708	118,400	55.4 (51.2-59.5)
Unemployed	27	3,277	41.8 (24.7-61.2)
Homemaker	55	7,828	51.2 (39.8-62.5)
Student	11	†	†
Retired	713	31,202	48.2 (45.0-51.4)
Unable to work	76	7,084	35.2 (27.0-44.3)
Sexual Orientation			
Straight	1,549	165,738	52.6 (49.6-55.7)
Gay or Lesbian	19	†	†
Bisexual	16	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 155. Among Knox County adults with firearms in or around their homes, the prevalence estimate of those who reported their firearms are currently loaded, 2018

(total n = 1,521)

	Yes Response	Weighted Response	Percent (CI)
Total	737	69,787	41.8 (37.9-45.9)
Gender			
Male	366	43,994	48.0 (42.2-53.7)
Female	371	25,794	34.3 (29.4-39.7)
Race/Ethnicity			
White	656	63,494	42.1 (37.9-46.3)
Black	53	3,148	47.3 (30.5-64.7)
Other race/Ethnicity	27	3,131	33.6 (18.6-52.9)
Age			
18-24 Years	9	†	†
25-34 Years	41	12,753	40.4 (30.0-51.7)
35-44 Years	91	12,287	41.5 (34.2-49.1)
45-54 Years	119	14,326	49.5 (42.2-56.8)
55-64 Years	101	10,873	42.3 (34.5-50.6)
65+ Years	372	13,865	49.0 (44.5-53.5)
Household Income			
Less than \$15K	32	1,829	40.0 (18.0-66.7)
\$15K-\$24,999	101	6,119	52.4 (41.6-62.9)
\$25K-\$34,999	90	7,031	48.1 (35.6-60.9)
\$35K-\$49,999	89	7,911	40.5 (28.8-53.5)
\$50K or greater	368	43,064	41.0 (36.1-46.2)
Education			
Less than High School	45	2,993	47.4 (31.4-64.0)
High School	187	14,650	40.2 (32.1-48.9)
Some College	229	23,473	46.3 (38.8-54.0)
College Grad	274	28,549	38.9 (33.3-44.8)
Employment			
Employed	311	46,702	41.0 (35.9-46.2)
Unemployed	16	†	†
Homemaker	17	†	†
Student	5	†	†
Retired	349	14,314	48.4 (43.4-53.4)
Unable to work	38	3,557	52.2 (36.9-67.2)
Sexual Orientation			
Straight	720	67,724	42.7 (38.7-46.8)
Gay or Lesbian	6	†	†
Bisexual	7	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Table 156. Among Knox County adults with loaded firearms in the house, the prevalence estimate who reported their loaded firearms are unlocked, 2018

(total n = 729)

	Yes Response	Weighted Response	Percent (CI)
Total	383	35,562	51.8 (46.1-57.4)
Gender			
Male	211	23,923	55.3 (47.6-62.7)
Female	172	11,639	45.8 (37.8-54.1)
Race/Ethnicity			
White	346	33,205	53.0 (47.1-58.9)
Black	24	†	†
Other race/Ethnicity	13	†	†
Age			
18-24 Years	6	†	†
25-34 Years	20	†	†
35-44 Years	34	4,652	38.1 (27.1-50.3)
45-54 Years	60	7,182	51.9 (41.3-62.2)
55-64 Years	55	5,351	49.5 (37.4-61.5)
65+Years	207	8,246	59.9 (53.5-65.9)
Household Income			
<\$15K	16	†	†
\$15K-\$24,999	58	3,383	55.3 (39.8-69.8)
\$25K-\$34,999	50	3,298	46.9 (30.1-64.4)
\$35K-\$49,999	46	3,558	45.3 (28.7-63.1)
\$50K or greater	181	21,604	51.4 (44.1-58.7)
Education			
Less than High School	26	1,832	61.2 (35.9-81.7)
High School	103	7,083	48.4 (36.9-56.9)
Some College	112	12,171	52.0 (41.4-62.5)
College Grad	141	14,412	52.4 (44.0-60.6)
Employment			
Employed	148	21,995	48.1 (40.6-55.7)
Unemployed	8	†	†
Homemaker	7	†	†
Student	3	†	†
Retired	199	8,794	62.0 (55.1-68.4)
Unable to work	17	†	†
Sexual Orientation			
Straight	377	34,817	52.2 (46.4-57.9)
Gay or Lesbian	1	†	†
Bisexual	3	†	†

† Statistically unreliable

2018 Knox County Behavioral Risk Factor Survey

Healthy People 2020 Objectives	Knox County 2018	Objective Met?
AHS-1.1 Increase the prevalence estimate of persons with medical insurance to 100%	93.4%	NO
AHS-3 Increase the prevalence estimate of persons with a usual care provider to 83.9%	82.5%	NO (close)
C15 Increase the prevalence estimate of women ages 21-65 who receive cervical cancer screenings to 93.0%	87.4%	NO
C17 Increase the prevalence estimate of women ages 50-74 who receive breast cancer screenings to 81.1%	84.2%	YES
IID-12.12 Increase the prevalence estimate of adults who are vaccinated annually against seasonal influenza to 70.0%	50.2%	NO
IID-12.17 Increase the prevalence estimate of senior adults ages 65+ vaccinated annually against seasonal influenza to 90.0%	72.4%	NO
IID-13.1 Increase the prevalence estimate of senior adults ages 65+ vaccinated against pneumococcal disease to 90.0%	84.1%	NO
IVP-15 Increase use of seatbelts to 92%	90.5%	NO (close)
NWS-8 Increase healthy weight among adults ages 20+ to 33.9%	31.9%	NO (close)
NWS-9 Decrease obesity among adults ages 20+ to 30.5%	32.4%	NO (close)
PA-1 No more than 32.6% of adults in no leisure-time physical activities	20.8%	YES
SA-14.3 Reduce binge drinking among adults to no more than 24.2%	15.2%	YES
TU-1.1 Reduce smoking cigarettes among adults to no more than 12.0%	15.0%	NO
TU-1.2 No more than 0.2% of adults using smokeless tobacco products	4.4%	NO
TU-4.1 Increase smoking cessation attempts among adults who smoke to 80.0%	60.4%	NO