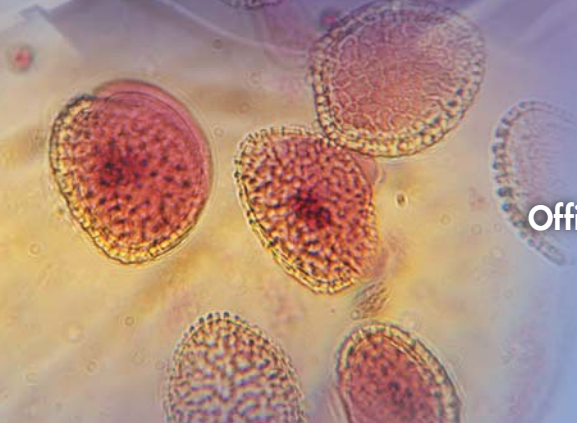


CANCER IN TENNESSEE

2002-2006



January 2010

Tennessee Department of Health
Office of Policy Planning and Assessment
Office of Cancer Surveillance
Tennessee Cancer Registry

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EXECUTIVE SUMMARY

The Office of Cancer Surveillance (OCS)—located in the Office of Policy, Planning & Assessment, Tennessee Department of Health—is legislatively charged with measuring the burden of cancer in Tennessee residents. The OCS also provides support and consultation to a coalition of volunteers and stakeholders dispersed throughout Tennessee that performs cancer prevention and control activities. Since surveillance is the foundation for evaluating public health needs, the Tennessee Cancer Registry (TCR), housed in the OCS, is determined to collect accurate data on all cancers diagnosed in the State of Tennessee. The TCR does meet national standards for data completeness and quality; however, this has only been the case since the 2004 diagnosis year. Currently, the TCR collects approximately 31,000 new cases of cancer in TN residents on an annual basis. Cancer is the second leading cause of death in Tennesseans, exceeded only by heart disease, which makes cancer a very important public health problem. Among the 50 states and the District of Columbia, Tennessee has the 22nd highest age-adjusted cancer incidence rate and the 5th highest cancer death rate. **However, the majority of cancers, approximately two-thirds, are preventable through lifestyle modification, the most important of which is reducing and eliminating tobacco use.**

Prostate and breast cancers are the most commonly diagnosed cancers in men and women, respectively. Prostate and breast cancers are the second leading cause of cancer death in men and women, respectively. Black men have the highest incidence and mortality rates of prostate cancer. Female breast cancer incidence rates are about the same between black and white women; however, breast cancer mortality rates are generally higher in black women. Prostate cancer incidence rates are highest in the central and eastern parts of Tennessee, whereas mortality rates are highest in the most southern counties of Tennessee. With all races combined, the top 10 counties for prostate cancer incidence with age-adjusted rates are as follows: White, 190; Putnam, 168; Cumberland, 164.9; Loudon, 164.8; Williamson, 157.1; Hamilton, 153; Sumner, 152; Lawrence, 151.7; Davidson, 147.9; Pickett, 146. The top 10 counties for prostate cancer mortality are as follows: Union, 46; Overton, 42.7; Shelby, 41.8; McNairy, 40.9; Marion, 39.4; Hamilton, 39.2; Fayette, 38.2; Johnson, 37.9; Carter, 37.7; Cocke, 37.5. Breast cancer incidence and mortality is more evenly distributed across Tennessee. With all races combined, the top 10 counties for female breast cancer incidence with age-adjusted rates are as follows: Humphreys, 215.7; Carroll, 187.5; Rhea, 157.2; Putnam, 151.9; Grainger, 144.4; Williamson, 137.8; Loudon, 136.9; Gibson, 136.6; Grundy, 135.6; Henry, 134.3. The top 10 counties for female breast cancer mortality are as follows: Grainger, 47.4; Henderson, 40.8; Smith, 36.6; Marshall, 35.4; Unicoi, 35.1; Marion, 34.6; Lauderdale, 34.4; Cheatham, 33.9; Tipton, 33.1; Shelby, 32.7.

Lung cancer is the second most commonly diagnosed cancer in both men and women, but is the leading cause of cancer death in both sexes. Men experience the greatest incidence and mortality rates of lung cancer compared to women. There is no meaningful difference in the lung cancer incidence and mortality rates between black and white individuals. Smoking is the principal cause of lung cancer in almost 90% of cases; **therefore, reducing smoking in the population would eventually dramatically reduce overall cancer incidence and mortality rates.** Smoking is most common in individuals of low socioeconomic status. Lung cancer incidence is highest in the Mid-Cumberland/South central and Upper Cumberland/East regions of Tennessee, and this pattern is similar for lung cancer mortality. With all races combined, the top 10 counties for lung cancer incidence with age-adjusted rates are as follows: Claiborne, 118.2; Campbell, 115.6; Morgan, 113.8; Humphreys, 112.2; Benton, 110.4; Perry, 108.8; Fentress, 108.7; Carroll, 105.8; Grainger, 104.6; White, 104.6. With all races combined, the top 10 counties for lung cancer mortality with age-adjusted rates are as follows: Lake, 126; Trousdale, 100.3; Campbell, 97.9; Overton, 96.6; Perry, 96.4; Claiborne, 94.9; Grainger, 93.7; Cheatham, 92.6; Henderson, 92.2; Humphreys, 91.1.

Colorectal cancer is the third most commonly diagnosed cancer in both men and women, and the third leading cause of cancer death in both sexes. Men are affected at a significantly disparate rate compared

with women for both incidence and mortality. Individuals of black race are affected at a significantly disparate rate for both incidence and mortality compared to white individuals. The South central region of Tennessee is more significantly affected by colorectal cancer incidence and mortality than any other region of the State; however, Northwest Tennessee does have a cluster of counties with high colorectal cancer mortality. With all races combined, the top 10 counties for colorectal cancer incidence with age-adjusted rates are as follows: McNairy, 73.8; Trousdale, 70.5; Morgan, 67.5; Dickson, 67; Hickman, 65.4; Putnam, 63.4; DeKalb, 62.4; Lauderdale, 62.1; Macon, 61.6; Stewart, 60.8. With all races combined, the top 10 counties for colorectal cancer mortality with age-adjusted rates are as follows: Hardeman, 30.8; Perry, 29.9; Carroll, 29; Grundy, 28.8; Clay, 28.6; Lauderdale, 28.1; Gibson, 27.2; Stewart, 26.8; Lewis, 26.5; Lincoln, 26.4.

Cancer is the second leading cause of death, exceeded only by accidents, in children aged less than 20 years of age. Childhood cancers, however, are still quite rare and therefore rates are usually expressed per million children rather than per 100,000 as is customary for all adult cancers. In Tennessee, male children are more commonly diagnosed with cancer compared to females, with white male children having the highest incidence rates. There do not appear to be any significant racial differences for childhood cancers; however, black male children have the lowest leukemia incidence rates, the most common childhood cancer, of all racial and sex categories.

In conclusion, cancer is a major public health problem in Tennessee that is caused mostly by unhealthy lifestyle habits, such as smoking, unhealthy diet and lack of physical activity. As previously mentioned, it is estimated that approximately two-thirds of all cancer diagnoses are related to poor lifestyle habits. The poor lifestyle habits of Tennesseans (indeed most Americans) exact a heavy financial toll on Tennessee in the way of health-related costs. Direct healthcare costs for cancer diagnosis and treatment in the U.S. were estimated to be \$72.1 billion in 2004, but this does not include indirect health-related costs, such as losses in productivity and losses in time at work. Indirect and direct healthcare costs related **only** to cancer for the 2004 diagnosis year were estimated to be \$190 billion dollars, which is 1.6% of Gross Domestic Product. Compare this to the total U.S. expenditures for gasoline and other energy goods during 2004—totaling about \$250 billion (about 2.1% of Gross Domestic Product) according to the U.S. Department of Commerce's Bureau of Economic Analysis—that powers this country's entire fleet of trucks, personal automobiles, etc. Cancer is indeed not only a major public health burden, but also a tremendous economic burden on our society!

INTRODUCTION

Cancer is a group of diseases characterized by uncontrolled growth and spread of abnormal cells. Cancer is the second-leading cause of death in the U.S. The Centers for Disease Control & Prevention's (CDC) National Vital Statistics Report for 2006 indicates that about one in every four deaths in the U.S. is due to cancer. The American Cancer Society (ACS) roughly estimates that in 2006, about 32,140 Tennessee residents will be diagnosed with cancer and 12,970 Tennessee residents will die of this disease (See Cancer Facts & Figures for 2006). About one in every three cancer deaths in Tennessee will be from lung cancer, a mostly preventable disease.

The Tennessee Cancer Reporting Act (Tennessee Code Annotated 68-1-1001), which was passed in 1983 by the Tennessee Assembly, made cancer a reportable condition and established the Tennessee Cancer Registry (TCR). The mission statement of the TCR is: ***"Dedicated to the collection and use of quality data for the purpose of decreasing the incidence and mortality of cancer in Tennessee."*** The goals of the TCR Program include:

- Collaborate with hospitals and other cancer reporting facilities to assure the collection of accurate, timely, and high quality cancer data;
- Promote scientific research using TCR data both within and outside of the Tennessee Department of Health;
- Respond to Tennessee residents about cancer concerns;
- Educate the public;
- Provide information for planning and evaluating cancer prevention and control activities by the many volunteers of the Tennessee Comprehensive Cancer Control Coalition and other organizations throughout Tennessee.

The TCR receives approximately 50% of its operating budget from funds appropriated by the Tennessee Assembly. The TCR also receives federal funding, representing approximately 50% of the TCR's annual operating budget, from the CDC's National Program of Cancer Registries (NPCR) since 1997, with an NPCR reference year of 1999. Funding is awarded on a 5-year cycle on a competitive basis and is dedicated to supporting cancer registries in meeting NPCR's standards in the following areas:

- Legislative Authority
- Administration
- Electronic Data Exchange
- Data Content and Format
- Completeness/Timeliness/Quality
- Quality Assurance
- Data Use and Data Monitoring
- Data Submission
- Collaborative Relationships

As a population-based cancer registry, the TCR endeavors to collect comprehensive, timely, and accurate information on all patients diagnosed and/or treated for cancer in Tennessee. In 2007, the TCR submitted cancer data to the CDC for diagnoses occurring in 2004. The data met rigorous national standards for complete and quality cancer data; therefore, TCR 2004 data was published in the CDC's *United States Cancer Statistics (USCS): 2004 Incidence and Mortality* publication that was released by the CDC at the end of 2007 (see Appendix C for USCS publication criteria). This was the first time that TCR data met the USCS publication criteria. Since this sentinel accomplishment, TCR has continued to meet rigorous national standards for high quality and complete data. For this report, TCR data covering the period 2002-2006 was used and was 82%, 88%, 95%, 99% and 98% complete, respectively. The TCR also

became a North American Association of Central Cancer Registries' (NAACCR) Gold-Certified cancer registry in 2008 because of its 2005 data submission, which is the highest certification level awarded to a central cancer registry, and still maintains Gold Certification status (see Appendix D for NAACCR certification criteria). The dramatic improvements in the completeness and quality of cancer data collected by the TCR will enhance its value for use in research and planning cancer prevention and control activities throughout the State of Tennessee.

The TCR collects data about the occurrence of cancer (incidence), the types of cancer (morphology), the site in the body where the cancer first occurred (primary site), the extent of disease at the time of diagnosis (stage), the planned first course of treatment, vital status, and basic demographic information. Cancer data are reported to the TCR from a variety of medical facilities, including hospitals, physicians' offices, free-standing radiation facilities, ambulatory surgical treatment centers, pathology laboratories, and other sources. Cancer death data are recorded on death certificates that are sent to state vital records offices. Death certificates contain information regarding the primary cancer site, basic patient information and other useful information.

Information derived from population-based, central cancer registries (cancer incidence data) and from death certificates (cancer mortality data) is critical for directing effective regional or population-specific cancer prevention and control programs that focus on preventing behaviors (e.g., smoking) that put people at increased risk for cancer and on reducing environmental risk factors (e.g., occupational exposure to known carcinogens). This information is also essential for deciding which regions or specific populations may be underserved by cancer-screening programs and for making long-term plans for adequate diagnostic and treatment services. Pooled data at the state, regional, and county levels will help state and county public health officials establish, prioritize, and monitor initiatives in public health surveillance and track progress toward the national goals and objectives set forth in *Healthy People 2010*, which contains a set of cancer-related objectives for the nation for the first decade of the 21st century. (*Healthy People 2020* will soon be released by the U.S. Department of Health & Human Services.) The objectives for specific cancers are to reduce the overall rates of melanoma, lung, breast, cervical, colorectal, oropharyngeal, and prostate cancers, and the disparities and risk factors associated with these cancers. For more information on *Healthy People 2010*, visit <http://www.healthypeople.gov/document>.

This report aims to present a concise description of cancer incidence and mortality data and trends for the 2002-2006 diagnosis years and is based on 135,838 newly diagnosed cancer cases and 63,634 cancer deaths arising in Tennessee residents. In the main body of this report, tables showing incidence or mortality counts, rates, and 95% confidence intervals, are presented as follows:

- by year, sex, and race for Tennessee for the individual years between 2002-2006;
- by age group and sex for Tennessee for the aggregate five-year period 2002-2006.
- by county, sex, and race for the aggregate five-year period 2002-2006;

SOURCES OF DATA

Incidence Data

Incidence data in this report are based on cases of primary cancer that were first diagnosed among Tennessee residents between January 1, 2002 and December 31, 2006, and were reported to the TCR as of December 2008. The primary source of data on cancer incidence is medical records. Staff at health care facilities abstract data from patients' medical records, enter it into the facility's own cancer registry database if it has one, and then send the data to the state registry. The TCR collects data using uniform data items and codes. Information on primary site and histology is coded according to the *International Classification of Diseases for Oncology, Third Edition* (ICD–O–3), and categorized according to the revised Surveillance, Epidemiology and End Results (SEER) program of the National Cancer Institute (NCI) recodes dated January 27, 2003, which define standard groupings of primary cancer sites (see Appendix A). Following NPCR and SEER cancer registries' rules, the TCR considers as reportable all incident cases with a behavior code of 2 (*in situ*, noninvasive) or 3 (invasive, primary site only) in ICD–O–3 terminology with the exception of *in situ* cancer of the cervix.

Incidence data on childhood cancer are coded according to the SEER modification of the third edition of the *International Classification of Childhood Cancer* (ICCC-3). The ICC-3, which is based on ICD–O–3, was published in 2006 by the International Agency for Research on Cancer (IARC). The ICC-3 presents childhood cancers in 12 groups classified primarily by morphology. The SEER modification, which affects the classification of nervous system and bone tumors (<http://seer.cancer.gov/iccc>), was chosen for compatibility with other published data on rates of childhood cancer in the United States.

Case counts and rates for invasive cancers are included in this report with the exception of bladder cancers, for which *in situ* and invasive bladder cancers are included. Nonreportable cancers and cancers in patients of unknown sex or age were omitted from all calculations, but cases in patients of unknown race were included in the "All Races" category.

Mortality Data

Cancer mortality statistics in this report are based on information from all death certificates filed with the state's Vital Records Office and processed by the Division of Health Statistics for deaths that occurred in 2002–2006 and were received as of December, 2008. The cancer mortality data were compiled in accordance with World Health Organization (WHO) regulations, which specify that member nations classify and code causes of death in accordance with the current revision of the *International Classification of Diseases* (ICD). Effective with deaths that occurred in 1999, the United States began using the Tenth Revision of this classification (ICD–10).

Tennessee Population Denominator Data

The Tennessee population estimates for the denominators of incidence and death rates presented in this report are race-specific (all races, whites, blacks) and sex-specific (both sexes, males, females) population estimates aggregated at the county level. They are based on single years of age and are summed to form the 5-year age groups (see II.D below). The estimates used in this report are based on the revised Tennessee population estimates effective on February 1, 2008 made by the Tennessee Department of Health's Division of Health Statistics. Thus when comparing age-adjusted rates in this report to the USCS and/or the State Cancer Profiles website (<http://statecancerprofiles.cancer.gov/>), which both use U.S. Census estimates for the Tennessee population, slight variations may occur (see Appendix B for Tennessee population estimates by age, sex, and race).

The 2000 U.S. Standard Population

The population used to age-adjust the rates in this report is the 2000 U.S. standard population (see Appendix A). It is based on the proportion of the 2000 population in 19 specific age groups (younger than 1 year, 1–4 years, 5–9 years, 10–14 years, 15–19 years, ..., 80–84, and 85 years or older). The proportions of the 2000 population in these age groups serve as weights for calculating age-adjusted incidence and mortality rates by the method of direct standardization. The 2000 U.S. standard population weights are not race or sex specific, and thus they do not adjust for differences in race or sex between geographic areas or populations being compared. They do, however, provide the basis for adjusting for differences in the age distributions across groups defined by sex, race, geography, or other categories.

STATISTICAL METHODS

There are four measures that are commonly used to assess the impact of a cancer in the general population: **incidence rate, mortality rate, survival rate, and prevalence**. The first two measures are employed in this report. All incidence and mortality rates in this report are age-adjusted to the 2000 US standard population unless otherwise specified. Age-adjustment minimizes the effect of a difference in age distributions when comparing rates in different populations; increasing age is the number one risk factor for developing cancer. For example, residents of county A have an average age of 50, whereas those in county B have an average age of 35. One would expect more cancers in county A due to the higher average age. Age-adjusted effectively removes the differences in age between county A and county B so the populations in the two counties can be compared without the effect of the age differences.

Incidence rate: The cancer incidence rate is the number of new cancers of a specific site/type occurring in a specified population during a specified time period, usually expressed as the number of cancers per 100,000 persons at risk. That is,

Incidence rate = (New Cancer Cases / Population at risk for the cancer) * 100,000.

The *numerator* of the incidence rate is the number of newly diagnosed cancer cases; the *denominator* of the incidence rate is the size of the population at risk. The number of new cancers may include multiple primary cancers occurring in one patient. The primary site reported is the site of origin and not the metastatic site, the distant site to which the cancer has spread. In general, the incidence rate would not include recurrences.

The population used depends on the rate to be calculated. For cancer sites that occur in only one sex, the sex-specific population (e.g., females for cervical cancer and males for prostate cancer) is used. The incidence rate can be computed for a given type of cancer or for all cancers combined. **Incidence rates presented in this report are for Tennessee residents with invasive cancers and both invasive and in situ bladder cancers only, unless otherwise specified.**

Mortality rate: The cancer mortality rate is the number of deaths due to a given cancer site/type, as the principal cause of death, occurring in a specified at-risk population during any given time period, usually expressed as the number of deaths due to cancer per 100,000 persons. That is,

Mortality Rate = (Cancer Deaths / Population at risk) * 100,000.

The *numerator* of the death rate is the number of deaths; the *denominator* of the death rate is the size of the population at risk of dying from the specified cancer. As for the calculation of an incidence rate, for cancer sites that occur in only one sex, the sex-specific population (e.g., females for cervical cancer and males for prostate cancer) is used. The death rate can be computed for a given cancer site or for all cancers combined.

Age distribution: A table showing a partition of the entire lifespan into adjoining age intervals, along with the proportion of the population in each interval.

Crude rate: A crude rate is the ratio of the number of people in which the event of interest happens in a specified time period to the size of the population who may experience this event during the same time period. There are no adjustments made when a crude rate is given. **Age-specific rate** is a crude rate in a specified age group.

Crude Rate = (Counts / Population) * 100,000.

Standard population: A standard population for a geographic area, such as the US, is a table giving the proportions of the population falling into the age groups 0, 1-4, 5-9, ..., 80-84, and 85+.

Age-adjusted rate: An age-adjusted incidence or mortality rate is a weighted average of the age-specific incidence or mortality rates, where the weights are the counts of persons in the corresponding age groups of a standard population. Since the majority of cancers develop in people 65 years of age and older, age is an important risk factor for the development of cancer. Hence, if one population has a significantly greater proportion of older people than another

population with a greater proportion of younger people, one would expect a larger number of cancers in the older population. Therefore, to make valid comparisons between populations with different age distributions, rates are age-adjusted to remove the so-called confounding effect of age on the comparisons made.

From a technical standpoint, age adjustment is carried out as follows. If N_j is the number of incident cases diagnosed in 2005 or the number of cancer deaths in 2005 in age category j , and P_j is the population size at risk in age category j , then the incidence or death rate R_j in age category j is defined as

$$R_j = N_j/P_j$$

If w_j is the 2000 U.S. standard population weight (i.e., the fraction, expressed as a decimal, of all individuals in the U.S. population that fall within age category j) for age category j , then the age-adjusted (directly standardized) incidence or death rate R_{adj} is computed as

$$R_{adj} = \sum_j w_j R_j \times 100,000$$

Note from the multiplier in the above formula that incidence or death rates are expressed as cases or deaths per 100,000 persons. For childhood cancers coded according to ICCC (International Classification of Childhood Cancer), the multiplier in the formula is 1,000,000 because the childhood cancer rates are expressed per million persons.

Confidence interval: The confidence interval is a range of values that has a specified probability of containing the estimated rate or trend of interest. Confidence intervals reflect the range of variation in the estimation of the cancer rates. The width of a confidence interval depends on the amount of variability in the data. Sources of variability include the underlying occurrence of cancer as well as uncertainty about when cancer is detected and diagnosed, when a death from cancer occurs, and when the data about the cancer are sent to the registry or the state health department. In any given year, when large numbers of a particular cancer are diagnosed or when large numbers of cancer patients die, the effects of random variability are small compared with the large numbers, and the confidence interval will be narrow. With rare cancers, however, the rates are small and the chance occurrence of more or fewer cases of deaths in a given year can markedly affect those rates. Under these circumstances, the confidence interval will be wide to indicate uncertainty or instability in the cancer rate.

The standard model used for rates for cancer statistics is the Poisson process, which assigns more uncertainty to rare events relative to the size of the rate than it does to common events. For this report, we estimated a single parameter to represent the rate and its variability, the confidence interval. We used modified gamma confidence intervals that are expected to include the true underlying rate 95% of the time. For example, an age-adjusted death rate is calculated to be 20, and the lower end of the 95% confidence interval given is 18 and the higher end of the 95% confidence interval is given as 22. What this means is that we can be 95% sure that the true death rate calculated falls somewhere between 18 and 22, or another way of saying this is that there is a 5% probability that the true rate lies outside of the interval 18 to 22.

The detailed algorithms for calculating confidence intervals for age-adjusted rates can be read in Fay and Feuer's (1997) article or from Tiwari, Clegg, and Zou's (2006) article.

Suppression of rates and counts: When the numbers of cases or deaths used to compute rates are small, those rates tend to have poor reliability. Therefore, to discourage misinterpretation or misuse of rates or counts that are unstable because case or death counts are small, incidence and death rates and counts are not shown in tables and figures if the case or death counts are below 10. Another important reason for suppressing cells is to protect the confidentiality of patients whose data are included in a report by reducing or eliminating the risk of disclosing their identity. The cell suppression threshold value of 10, which was selected to reduce misuse and misinterpretation of unstable rates and counts in this report, is more than sufficient to protect patient confidentiality given the low level of geographic and medical detail provided in the report.

Stage of cancer: Stage provides a measure of disease progression, detailing the degree to which the cancer has advanced. SEER historically describes cancers in five stages:

- **In situ cancer** is early cancer that is present only in the layer of cells in which it began. For most cancer sites

mentioned in this report, *in situ* tumors are excluded from the analysis; the urinary bladder is an exception.

- **Localized cancer** is cancer that is limited to the organ in which it began, without evidence of either regional or distant spread.
- **Regional cancer** is cancer that has spread beyond the original (primary) site to nearby lymph nodes or organs and tissues.
- **Distant cancer** is cancer that has spread from the primary site to distant organs or distant lymph nodes.
- **Unstaged cancer** is cancer for which there is not enough information to indicate a stage.

ICCC classification: The *International Classification of Childhood Cancer* (ICCC) is based on tumor morphology and primary site with an emphasis on morphology rather than the emphasis on primary site for adults. It was first published in 1988 by the World Health Organization's (WHO) International Agency for Research on Cancer (IARC) and now has been modified. We used the main classification table from ICC3 based on ICD-O-3 in this report.

Risk factor: A risk factor is a characteristic or exposure that increases the risk of disease. A risk factor might be exposure to tobacco smoke, which is the leading cause of preventable death in the U.S. and the world, having low vitamin D levels due to overly restricted sun exposure or excessive sun screen use, having a family history of colon cancer, or having a high cholesterol level, which is a strong risk factor for heart disease.

SEER*Stat software: The SEER*Stat statistical software, a convenient, intuitive mechanism for the analysis of SEER and other cancer-related databases, was used for analyses. It is a powerful PC tool developed by IMS, Inc., Silver Spring, Maryland, to view individual cancer records and to produce statistics such as incidence rates and survival rates for studying the impact of cancer on a population. It is available at the following website: <http://seer.cancer.gov/seerstat/>.

Statistical Analysis Software (SAS) software: SAS software was also used to organize the incidence and mortality data and generate the output from SEER*Stat.

INTERPRETATION OF CANCER STATISTICS

When reviewing the various cancer incidence, mortality, and trend statistics provided in this report, be aware how to interpret these statistics. The observed rates may have been influenced by differences in the timeliness, completeness, and accuracy of the data from one reporting period to another, or from one primary cancer site to another.

Age-adjusted and age-specific rates for all cancer sites combined and selected cancers are presented in this report. Crude rates are helpful in determining the cancer burden and specific needs for services for a given population, regardless of size. Crude rates are influenced by the underlying age distribution of the population. Even if two counties have the same age-adjusted rates, the county with the relatively older population (as demonstrated by a higher median age) will usually have higher crude rates because incidence or death rates for most cancers increase with increasing age. Ideally, crude, age-adjusted, and age-specific rates are all used to plan for population-based cancer prevention and control interventions.

The cancer mortality statistics in this report are influenced by the accuracy of information on the death certificate. Cause of death determined by autopsy combined with clinical data is considered the best estimate of the true cause of death.

It is sometimes of interest to compare cancer statistics for Tennessee with those from other registries and/or SEER and USCS rates. In making such comparisons, one must carefully assess all of the following: (1) completeness of case ascertainment, (2) rules used to determine multiple primaries, (3) follow up, (4) rules used in assigning and coding cause of death, and (5) the sources and procedures used in obtaining population estimates. Depending on the rates being compared, there could be other confounding factors which should be considered, such as, the same standard or standard million population should be used for the age-adjustment of each group being compared.

Users of this report who want to know whether the differences between the rates of various groups are statistically significant might check whether the 95% confidence intervals presented for each age-adjusted rate overlap. This method for detecting statistical significance is a commonly accepted method employed by research scientists. It may, however, fail to detect a statistically significant difference between two rates that might be detectable by using standard hypothesis testing.

Another consideration when comparing differences between rates is their public health importance. For some rates, numerators and denominators are large and standard errors are therefore small, resulting in statistically significant differences even though the overall difference between the rates compared is very small. Such a statistically significant difference may have little practical utility when planning or implementing population-based public health programs.

TOP TEN CANCER SITES IN TENNESSEE 2002-2006 BY SEX AND RACE

Figure 1: Top 10 Cancers By Incidence: 2002-2006
White Males, Tennessee

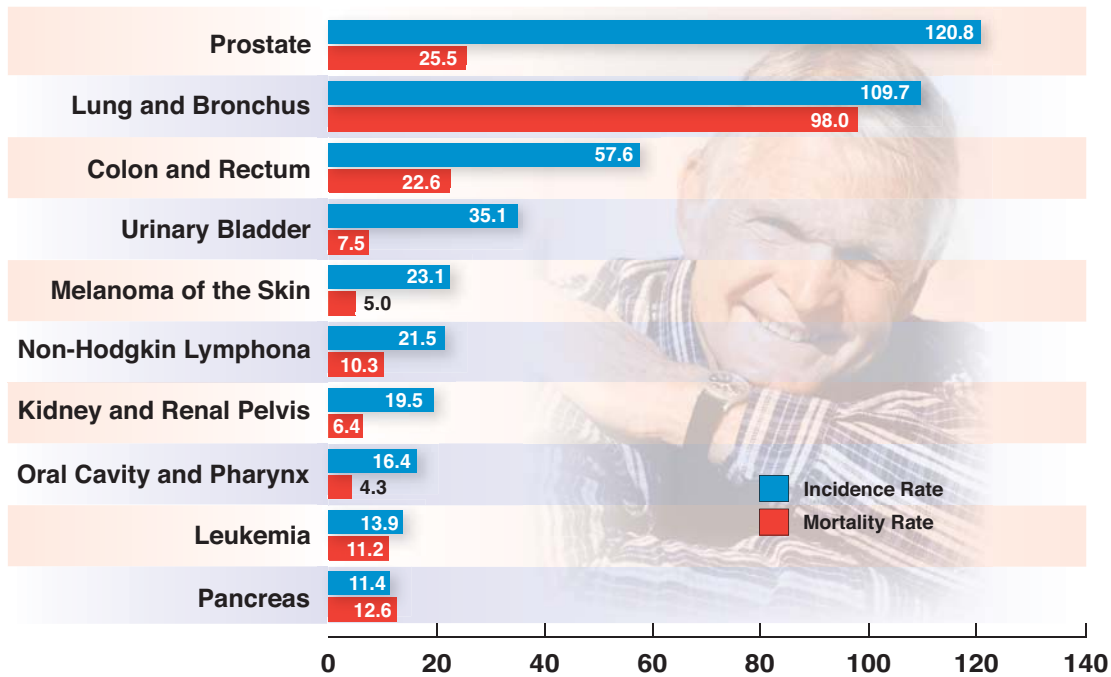
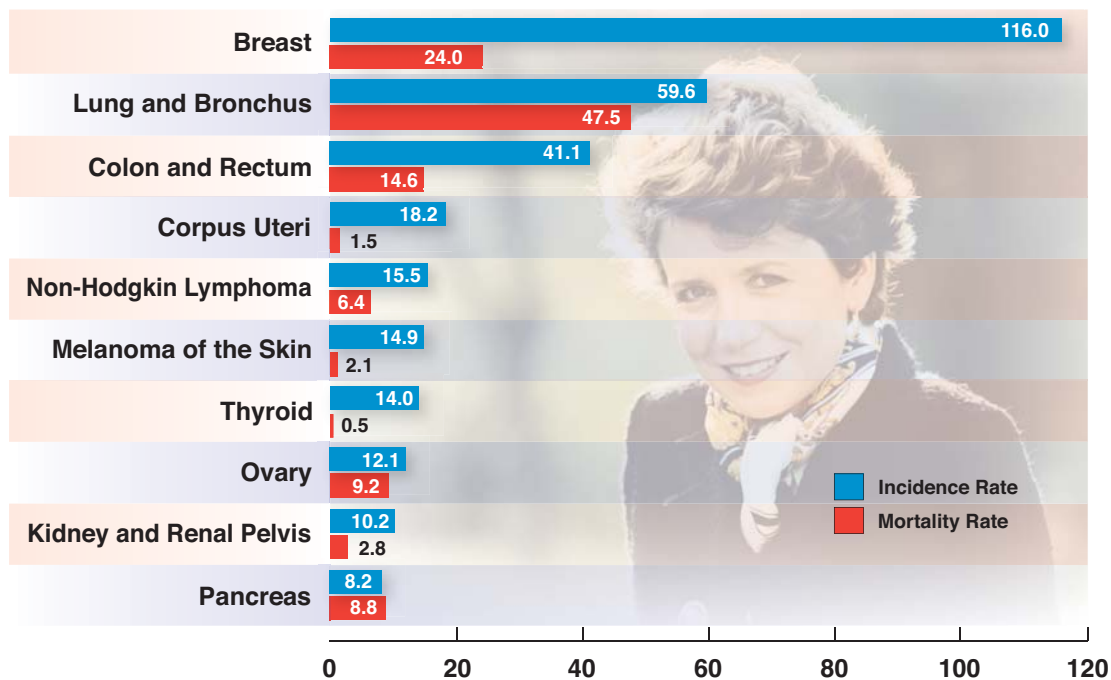
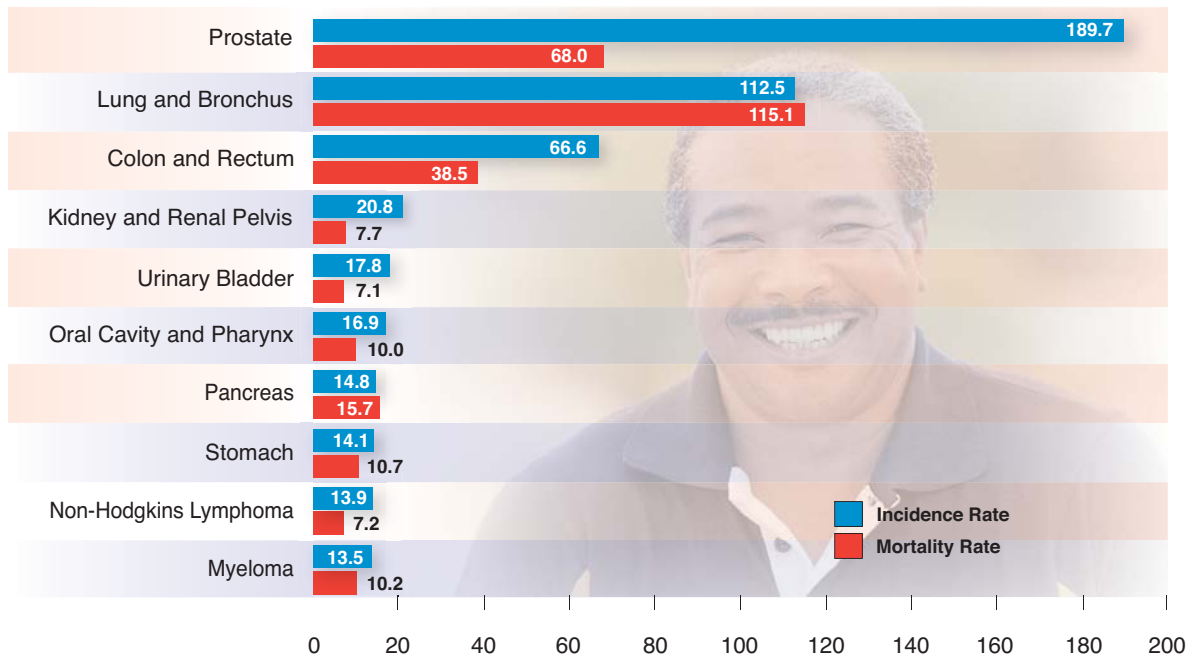


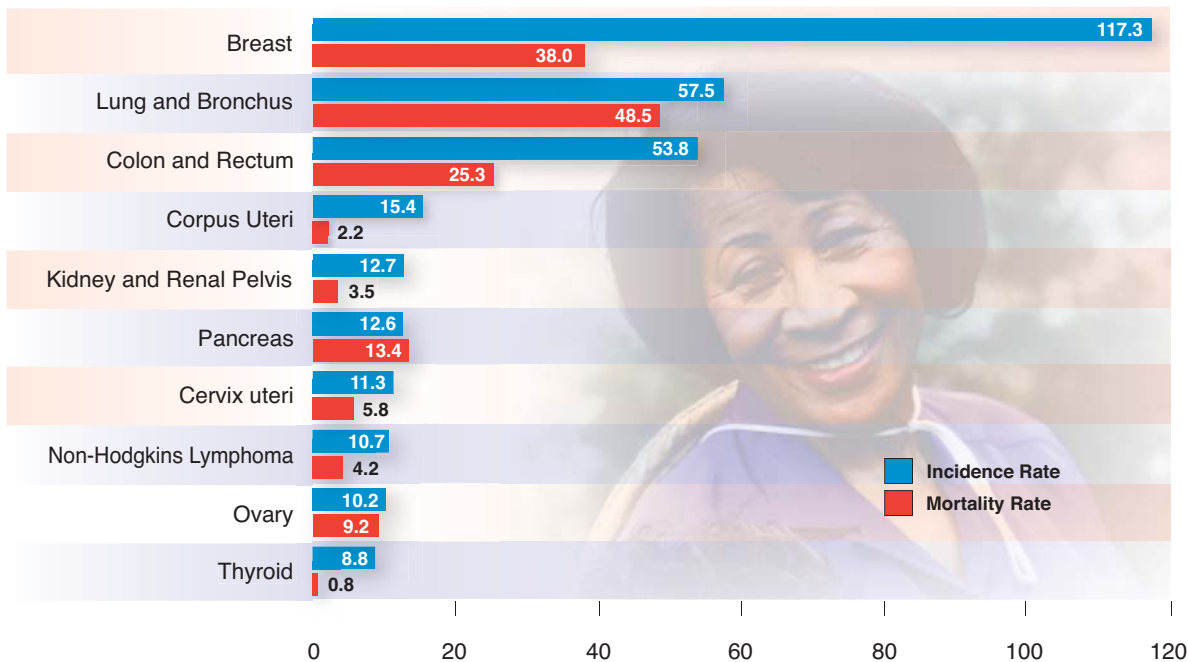
Figure 2: Top 10 Cancers By Incidence: 2002-2006
White Females, Tennessee



**Figure 3: Top 10 Cancers By Incidence: 2002-2006
Black Males, Tennessee**



**Figure 4: Top 10 Cancers By Incidence: 2002-2006
Black Females, Tennessee**



CANCER INCIDENCE AND MORTALITY RATES

All Cancer Sites Combined

Table 1. Age-Adjusted Incidence Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	440.7	438.4	443.1	135,838	522.4	518.4	526.4	70,006	388	385.1	391.0	65,832
2002	401.8	396.7	407.0	23,870	458.2	449.8	466.7	11,846	366.4	359.8	373.0	12,024
2003	421.2	416.1	426.5	25,428	492.3	483.6	501.2	12,876	376.2	369.6	382.9	12,552
2004	440.5	435.3	445.9	27,040	531.1	522.1	540.1	14,171	381.6	375.0	388.3	12,869
2005	469.9	464.5	475.3	29,508	566.8	557.6	576.0	15,503	406.5	399.8	413.4	14,005
2006	467.0	461.7	472.4	29,992	557.7	548.8	566.8	15,610	407.9	401.2	414.7	14,382
WHITES												
2002-2006	438.1	435.6	440.6	117,515	516.2	512	520.4	60,974	387.6	384.4	390.9	56,541
2002	402.3	396.9	407.9	20,834	455.6	446.7	464.6	10,391	369.2	362.1	376.4	10,443
2003	419.4	413.9	425	22,068	487.7	478.5	497	11,261	376.2	369.1	383.5	10,807
2004	438.4	432.8	444.1	23,411	526.2	516.7	535.7	12,375	380.7	373.6	388	11,036
2005	465.1	459.4	470.9	25,393	553.6	544.1	563.4	13,350	407	399.7	414.4	12,043
2006	462.6	456.9	468.3	25,809	552.2	542.7	561.8	13,597	403.9	396.6	411.2	12,212
BLACKS												
2002-2006	454.6	447.6	461.7	16,792	566.6	553.8	579.7	8,309	387.8	379.5	396.3	8,483
2002	405.6	390.6	421	2,867	489.2	462.5	517	1,379	354.4	336.4	373	1,488
2003	439.6	424.1	455.6	3,146	536.2	508.1	565.4	1,514	382.7	364.1	401.9	1,632
2004	445.3	429.8	461.1	3,296	557.2	528.9	586.5	1,638	379.1	360.9	398.1	1,658
2005	501.4	485.1	518.1	3,774	669.2	638	701.4	1,971	403.3	384.6	422.6	1,803
2006	477.6	461.9	493.7	3,709	576.2	548.1	605.3	1,807	417	398.1	436.5	1,902

CANCER IN TENNESSEE: 2002-2006

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
OTHERS												
2002-2006	620.3	582.5	659.6	1,531	735.3	667	807.8	723	549.1	504.9	595.8	808
2002	321.2	266.2	383.3	169	375.2	276.8	493.7	76	292.5	228.6	367.9	93
2003	417.7	351.8	491.1	214	456.8	348.5	584.3	101	387.6	307.5	480.2	113
2004	612.5	533.8	698.3	333	790.9	638.3	963.9	158	507.3	421.6	603.9	175
2005	681.7	595.6	775.1	341	896.3	734.3	1,078.3	182	539.5	444.7	646.3	159
2006	980.3	873.9	1,094.2	474	1,062.3	878.3	1,267.4	206	934	805.9	1,074.1	268

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander.

CANCER IN TENNESSEE: 2002-2006

Table 2. Age-Specific Incidence Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the Five-Year Period 2002-2006.

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	
0	20.2	16	25.2	79	20.5	14.7	27.8	41	20	14.1	27.4	
01-04	21.2	19	23.6	330	21.5	18.4	25	172	20.8	17.7	24.3	
05-09	10.6	9.2	12.2	206	11.8	9.7	14.1	117	9.4	7.6	11.6	
10-14	11.5	10.1	13.1	231	11.4	9.4	13.6	117	11.7	9.6	14	
15-19	19.3	17.4	21.3	393	18.6	16.1	21.4	195	19.9	17.3	22.9	
20-24	30.6	28.3	33.2	612	28.4	25.2	31.9	287	32.9	29.4	36.7	
25-29	52	48.9	55.3	1,032	42.2	38.3	46.4	421	61.9	57.1	67	
30-34	81.1	77.3	85.1	1,675	55.7	51.2	60.4	577	106.7	100.4	113.2	
35-39	129.6	124.8	134.5	2,767	84	78.6	89.8	892	174.6	166.8	182.7	
40-44	224.8	218.7	231	5,111	158.3	151	165.9	1,770	289.1	279.4	299.1	
45-49	359	351.2	367	8,023	301.9	291.7	312.4	3,294	413.5	401.8	425.5	
50-54	564.2	554	574.6	11,538	560.9	546.3	575.8	5,590	567.4	553	582	
55-59	886.7	872.8	900.8	15,527	989	968	1,010.4	8,401	790.3	772.1	808.9	
60-64	1,285.4	1,266.5	1,304.4	17,688	1,525.3	1,495.6	1,555.5	10,017	1,066.3	1,042.6	1,090.5	
65-69	1,702.9	1,678.7	1,727.5	18,816	2,149.4	2,109.5	2,190.0	11,002	1,317.6	1,288.5	1,347.1	
70-74	1,974.8	1,945.8	2,004.0	17,781	2,572.3	2,522.6	2,622.8	10,177	1,506.4	1,472.7	1,540.6	
75-79	2,115.2	2,082.0	2,148.9	15,403	2,882.4	2,821.3	2,944.5	8,465	1,596.7	1,559.4	1,634.7	
80-84	2,109.9	2,070.5	2,149.8	10,917	2,955.7	2,877.2	3,035.7	5,384	1,650.3	1,607.1	1,694.4	
85+	1,695.5	1,657.9	1,733.8	7,709	2,553.3	2,464.0	2,645.0	3,087	1,384.8	1,345.1	1,425.3	

CANCER IN TENNESSEE: 2002-2006

Table 3. Age-Adjusted Incidence Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	440.7	438.4	443.1	135,838	522.4	518.4	526.4	70,006	388	385.1	391	65,832
Anderson	441.6	422.3	461.6	2,016	543.3	510.8	577.3	1,067	374.9	350.8	400.3	949
Bedford	426.2	398.2	455.6	868	482.9	437.7	531.3	438	392.8	356.3	432.1	430
Benton	455.8	416.1	498.5	507	529.9	467.1	599.5	271	407.9	355.9	465.9	236
Bledsoe	315.5	273.6	362.1	214	409.5	334.8	495.2	125	261.3	209.2	322.9	89
Blount	423.1	407.3	439.3	2,758	497.3	471.4	524.3	1,434	371.3	351.3	392.2	1,324
Bradley	387.2	369.6	405.4	1,856	456.5	427.2	487.3	970	339.6	317.5	362.9	886
Campbell	481.2	453.8	509.8	1,184	589.1	542.2	639	640	413.6	378.8	450.8	544
Cannon	402.7	357.9	451.8	297	494.6	420	578.8	164	336.5	281.2	400	133
Carroll	513.9	480.8	548.8	930	573.2	521.8	628.5	465	491.2	446	539.8	465
Carter	328.2	309.1	348.1	1,131	369.7	338.9	402.5	557	305	280.1	331.6	574
Cheatham	405	374.5	437.3	693	471.4	420.5	526.4	359	358.5	320.6	399.7	334
Chester	294.3	258.5	333.8	246	331.1	274.8	395.6	124	275.3	228	329.8	122
Claiborne	495	462.4	529.3	877	565.8	513.3	622.4	453	446.4	404.5	491.7	424
Clay	374.4	322.2	433.2	190	435.2	353.2	531.7	104	322.9	257.1	401.4	86
Cocke	442.3	413.3	472.9	886	532.3	483.7	584.5	479	382.5	345.8	422.2	407
Coffee	476.8	451.8	502.9	1,373	587	545	631.4	750	402.8	371.4	436.3	623
Crockett	411.1	368.4	457.5	344	498.7	429.1	576.5	187	354.3	299.9	416	157
Cumberland	496.1	473	520.3	1,897	589.4	553.1	627.8	1,088	417.6	387.7	449.4	809
Davidson	466.2	458.1	474.5	12,683	553.1	539.1	567.3	6,271	414.3	404.2	424.7	6,412
Decatur	405.6	361.4	454	319	484.6	414	564.7	174	353.2	295.7	419.4	145
DeKalb	476.5	435.1	520.9	492	562.3	494.5	636.8	259	415.9	363.6	474.1	233
Dickson	489.9	461.4	519.7	1,121	581	533	632.1	585	431.2	395.3	469.5	536
Dyer	370.6	344.5	398.2	758	429.9	387	476.3	382	331.3	298.2	367.3	376
Fayette	251.8	228.5	276.9	436	288.6	250.5	330.8	221	229.9	200	263.1	215
Fentress	480.5	438	526.1	483	565.9	497.1	641.7	259	419	365	479	224
Franklin	385.2	360.5	411.2	919	468.9	427.4	513.5	491	332	300.8	365.6	428
Gibson	464.2	439.7	489.9	1,375	548.2	508.3	590.5	705	408.8	377.4	442.3	670
Giles	395.6	366.1	426.8	680	458.3	409.7	511	345	354.9	317.2	396.2	335
Grainger	510.4	470.5	553	626	583.6	518.7	654.4	327	462.6	411.1	519.1	299
Greene	428.8	408.3	450.1	1,675	495.1	461.4	530.7	849	385.4	359.1	413.1	826
Grundy	443.7	398.9	492.3	366	512.5	441.7	591.5	196	396.4	337.8	462.6	170

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamblen	416.5	394.8	439.3	1,397	492.2	455.4	531.2	713	375.2	347.2	404.9	684
Hamilton	471.1	460.9	481.4	8,263	576.5	559.1	594.4	4,308	403.8	391.2	416.8	3,955
Hancock	331.6	277.2	394	133	369.4	284.2	472.9	67	313.4	241.1	401.6	66
Hardeman	380.2	349.1	413.3	553	451.7	401.4	506.5	303	331.5	291.2	375.9	250
Hardin	364	335.2	394.8	607	406.5	361.3	456	312	340.3	301.8	382.8	295
Hawkins	353.2	332.8	374.7	1,141	436.7	401.8	473.8	625	298.2	272.7	325.6	516
Haywood	353.9	318.5	392.3	366	445.7	384	514.4	192	294.3	251.7	342.3	174
Henderson	407.1	375	441.3	599	480.2	426.8	538.5	308	360.1	319.5	404.7	291
Henry	426.2	398.2	455.8	892	500.1	455	548.8	472	377	340.7	416.5	420
Hickman	455.1	417.6	495.1	551	528.2	468.2	593.8	301	396.5	348.4	449.5	250
Houston	398.2	344.5	458.4	202	454	371.1	550.6	107	355	285.5	437.4	95
Humphreys	564.8	520.8	611.7	622	604.4	536.7	678.5	309	538.5	479.5	603.1	313
Jackson	378.6	333.5	428.5	261	495.3	418.8	582.4	159	285.9	232.3	349.1	102
Jefferson	526	498.4	554.7	1,398	607.3	562.4	654.8	739	468.9	433.4	506.7	659
Johnson	340	306.3	376.6	382	371.1	320.1	428.2	198	323.5	277.4	375.9	184
Knox	455.5	446.4	464.7	9,604	551.9	536.3	567.9	4,953	394.8	383.4	406.4	4,651
Lake	374.3	316.4	440	149	451.6	356.5	563.9	81	343.4	263.4	441.5	68
Lauderdale	408.1	374.5	444	549	485.4	429.1	546.8	282	367.7	324.3	415.4	267
Lawrence	505	476.2	535	1,170	622.2	573.5	674	625	432.5	396.3	471.2	545
Lewis	396.6	348.8	449.4	253	527.9	444.7	622.2	152	297	241.4	362.2	101
Lincoln	346.7	320.8	374.2	673	401.7	359.8	447.2	348	307.5	274.4	343.9	325
Loudon	495.9	469.8	523.1	1,413	576.3	533.9	621.3	756	439	405.1	475.2	657
McMinn	401.7	379	425.5	1,185	492.2	454	532.8	644	339.3	311	369.7	541
McNairy	436.1	403.2	471	673	476.3	426	531.2	340	412.9	368.5	461.4	333
Macon	440.2	401.5	481.7	482	579.1	510.7	653.9	276	350.1	303.5	402.1	206
Madison	437.7	419	457.1	2,067	522.5	491	555.4	1,057	378.9	355.7	403.3	1,010
Marion	444.6	411.8	479.3	707	522.6	467	583.1	367	395.9	354.4	441.1	340
Marshall	494.3	458.6	532.1	717	605.9	545.1	671.6	380	416.3	372.6	463.7	337
Mauzy	473	451.3	495.6	1,792	568.2	531	607.2	919	415.7	388.5	444.4	873
Meigs	469.9	416.4	528.5	292	537.6	450.8	636.3	155	423.4	354.5	502.1	137
Monroe	420.6	394.4	448.1	983	492	449.6	537.4	522	371.1	337.6	407.1	461
Montgomery	417.8	400.5	435.6	2,286	476	446.8	506.4	1,114	384.3	362.4	407.2	1,172
Moore	197.6	153.9	250.6	71	216.2	151.6	300.6	38	179.3	122.4	255	33
Morgan	505.6	463.4	550.7	540	646.4	573.7	725.6	313	415	362.3	473.6	227
Obion	434.9	405.7	465.7	842	548	498.8	601	470	355.9	319.9	395	372
Overton	431	394.7	469.8	535	539.7	479.4	605.7	305	349.4	304.9	399	230
Perry	467.1	407.2	533.9	226	518.2	422.9	629.2	111	447.5	367.4	541.2	115

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Pickett	463.8	392.2	545.7	160	576.3	462.3	712.4	96	381	288.8	495.2	64
Polk	412.2	372.1	455.7	397	470.2	405.9	542.1	207	372.2	320.4	430.5	190
Putnam	566.3	541.4	592	1,973	661.2	621.1	703.2	1,034	494.5	462.9	527.7	939
Rhea	536.7	501.8	573.4	902	610.1	554.4	670	466	482.3	437.2	530.9	436
Roane	480.4	457.1	504.8	1,623	563	524.6	603.5	848	429	398.6	461.1	775
Robertson	456	431.1	481.8	1,287	512.6	472.7	555	653	414.5	382.7	448.1	634
Rutherford	447.1	432.2	462.4	3,610	517.5	492.4	543.5	1,838	397.6	379	416.9	1,772
Scott	429.3	391.2	470.2	476	469.2	408	536.7	229	410	360.1	465	247
Sequatchie	372.5	327	422.6	248	489.1	410	578.9	146	287.8	234.1	350.5	102
Sevier	476.8	456.3	497.9	2,113	571.5	537.4	607.2	1,140	407.2	381.7	433.9	973
Shelby	423.7	417.3	430.2	17,193	498.9	487.7	510.2	8,306	380.2	372.2	388.2	8,887
Smith	366.4	329.4	406.5	362	424	363.9	491.2	185	329.3	282.1	382.3	177
Stewart	457.4	409.8	509.3	342	527.2	452.5	611.1	186	402.2	341	471.8	156
Sullivan	458	444.5	471.8	4,461	542.8	520.5	565.8	2,317	402.8	385.6	420.7	2,144
Sumner	451	435.3	467.2	3,196	560.1	532.5	588.7	1,715	379.1	359.9	399.1	1,481
Tipton	414.2	389.1	440.4	1,050	487.1	444.7	532.4	541	365.4	334.2	398.8	509
Trousdale	392.9	335.3	457.8	168	467.5	375.7	575.5	93	326.1	255.6	410.8	75
Unicoi	398	362.3	436.4	472	473.1	415.2	537.3	248	355.2	308.5	407.6	224
Union	397.5	358.1	440.1	385	474.8	406.8	550.6	202	354.9	305	410.8	183
Van Buren	326.2	266.2	396.3	106	318.3	234.1	424.3	50	335.1	251.7	438.9	56
Warren	449.3	421.5	478.4	983	507	462.4	554.7	491	415.3	379	454.2	492
Washington	434.2	418	450.9	2,730	506.2	479.6	534	1,398	389.5	368.5	411.3	1,332
Wayne	375	336.8	416.5	357	427.3	367.1	494.6	189	341	290.3	398.6	168
Weakley	382.7	354.8	412.3	711	440.4	395.5	489	359	348.9	312.5	388.6	352
White	516	479.1	555.1	742	668.2	605	736.4	434	406.5	361.6	455.7	308
Williamson	450.2	433	467.8	2,869	548.6	517.6	580.9	1,480	391.1	370.2	412.9	1,389
Wilson	405.1	386.6	424.3	1,905	463.8	433	496.2	977	365.7	342.3	390.4	928

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	438.1	435.6	440.6	117,515	516.2	512	520.4	60,974	387.6	384.4	390.9	56,541
Anderson	438	418.4	458.4	1,922	532.4	499.7	566.8	1,007	376.8	352.1	402.9	915
Bedford	425.5	396.3	456.4	792	482.3	435	533.1	399	393.7	355.4	435	393
Benton	459.2	418.9	502.6	500	530.9	467.4	601.2	267	413.3	360.2	472.6	233
Bledsoe	317.8	275.4	365.1	211	408.8	333.9	495	123	262.5	209.9	324.8	88
Blount	422	406	438.4	2,668	494.2	468	521.5	1,387	371.2	350.9	392.5	1,281
Bradley	390.4	372.4	409	1,803	463.6	433.5	495.1	949	339.7	317.1	363.5	854
Campbell	478.8	451.4	507.6	1,169	585.2	538.3	635.1	631	413	378.1	450.4	538
Cannon	399	354	448.4	288	487.5	412.8	571.9	158	335.9	280.1	400	130
Carroll	515.8	480.8	552.7	843	574.6	520.6	632.8	425	492.5	444.6	544.4	418
Carter	330	310.9	350.1	1,125	372.6	341.6	405.8	556	305.8	280.8	332.6	569
Cheatham	405.7	374.7	438.4	677	469.9	418.6	525.6	350	359.9	321.4	401.7	327
Chester	297.7	260	339.4	228	329.2	270.6	396.6	113	284.4	234	342.8	115
Claiborne	496.7	463.9	531.3	869	567.3	514.3	624.4	448	448.9	406.6	494.6	421
Clay	372.8	320.2	432.1	186	431.9	349.8	529	102	321	254.9	400.2	84
Cocke	445.9	416.4	476.9	874	530.9	481.9	583.6	469	390.1	352.6	430.7	405
Coffee	477.6	452.1	504.3	1,328	585.6	543	630.8	724	406.4	374.1	440.8	604
Crockett	396.4	351.6	445.5	291	478.6	406.3	560.3	159	342.6	285.2	408.5	132
Cumberland	494.6	471.4	518.8	1,883	589	552.7	627.4	1,083	414.8	384.9	446.6	800
Davidson	463.7	454.6	473	9,809	550.3	534.7	566.2	4,909	411.7	400.1	423.5	4,900
Decatur	409.2	364	458.9	311	487	415.1	568.6	170	359.2	299.9	427.8	141
DeKalb	473.7	432.1	518.4	480	556.6	488.5	631.7	251	416.9	363.9	475.8	229
Dickson	483.6	454.7	513.8	1,059	573.3	524.5	625.3	552	426.1	389.7	465.1	507
Dyer	361.4	334.3	390.2	669	414.9	371.1	462.4	340	325.1	290.3	363.1	329
Fayette	227.6	201.1	256.7	276	241	199.1	289	130	225.8	190.3	266.4	146
Fentress	478.5	436	524.2	479	562.1	493.3	638	256	418.9	364.9	479.2	223
Franklin	382	356.7	408.6	863	460.3	418.2	505.5	460	332.4	300.2	367.2	403
Gibson	461	434.2	489	1,152	538.3	495.5	584.1	588	412.4	377.5	449.9	564
Giles	396.9	365.6	430.4	604	459.1	407.4	515.5	306	358.5	318.1	402.9	298
Grainger	505.9	466	548.5	616	574.9	510.2	645.5	320	460.7	409.2	517.3	296
Greene	428.9	408.2	450.4	1,643	490.2	456.4	525.9	827	388.6	362	416.8	816
Grundy	447.4	402.2	496.5	366	516.7	445.4	596.4	196	399.7	340.6	466.4	170
Hamblen	416.9	394.7	440.2	1,338	493	455.4	532.9	684	376.5	347.8	407.1	654
Hamilton	471.9	460.8	483.3	6,865	566.9	548.1	586.1	3,558	412.5	398.3	427.1	3,307
Hancock	327.5	273.2	390	130	374.2	287.9	479	67	304.1	232.5	391.9	63
Hardeman	365.8	329.3	405.6	374	426.3	369.8	489.4	211	323.7	274	380.3	163
Hardin	360.1	331	391.3	581	400.3	354.8	450.3	298	337.7	298.6	380.8	283
Hawkins	355	334.3	376.7	1,124	434.7	399.6	472.1	611	302.9	276.9	330.8	513
Haywood	340.2	294.5	391.5	203	426.1	347.8	517.2	108	283.4	227	350.5	95
Henderson	410.3	376.9	445.9	562	484.4	429.2	544.8	292	360.3	318.1	406.8	270

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henry	421.5	392.4	452.3	814	496.9	450.1	547.5	437	369.1	331.5	410.1	377
Hickman	453.7	415.6	494.5	529	523.5	462.4	590.2	286	398.1	349.2	452.1	243
Houston	397.5	342.9	458.7	195	448.2	364.6	546.2	102	359.8	288.6	444.5	93
Humphreys	567.1	522.4	614.9	607	610.3	541.4	685.9	303	539.8	479.8	605.7	304
Jackson	379.5	334.2	429.6	260	495.6	418.9	583	158	287.5	233.5	351	102
Jefferson	526.2	498.3	555.3	1,366	604.3	559	652.3	720	472.3	436.2	510.8	646
Johnson	343.2	309.1	380.3	380	373.1	321.6	430.8	196	326.1	279.6	378.9	184
Knox	455.9	446.4	465.5	8,869	550.5	534.4	567	4,586	396.4	384.5	408.5	4,283
Lake	394.3	327.8	471.2	127	482.8	374.3	613.8	70	351.8	261.6	465.3	57
Lauderdale	415.5	376	458.3	413	500.9	435	574.1	219	363.5	313	420.3	194
Lawrence	508.1	479	538.5	1,157	624.4	575.3	676.7	617	436.9	400.2	476.3	540
Lewis	399.7	351.3	453.2	251	528.9	445.1	624.1	150	302.2	245.5	368.5	101
Lincoln	333.6	307.3	361.7	603	386.7	344.2	433.2	312	298.1	264.1	335.5	291
Loudon	493	466.8	520.4	1,388	573.2	530.6	618.4	744	436.4	402.3	472.8	644
McMinn	404.8	381.5	429.3	1,143	496.2	457.1	537.9	623	341.5	312.4	372.8	520
McNairy	433.5	399.9	469.4	637	467.7	416.8	523.5	320	416.2	370.2	466.7	317
Macon	439.8	400.9	481.4	478	579.5	510.8	654.6	274	349.1	302.3	401.2	204
Madison	426.2	404.9	448.4	1,512	506.8	471.7	543.8	791	368.6	341.8	397.1	721
Marion	445.4	411.8	481.1	675	525.6	468.2	588.1	353	395.3	352.7	441.8	322
Marshall	487.8	450.9	526.9	655	613.9	550.6	682.3	359	397.2	352.8	445.7	296
Maury	468.5	445.3	492.6	1,546	544.5	505.8	585.2	777	424.2	394.6	455.5	769
Meigs	476.7	422.3	536.3	291	543.4	455.5	643.3	154	431.1	360.9	511.3	137
Monroe	421	394.4	448.9	957	487.5	444.8	533.3	505	375.3	341.1	412.2	452
Montgomery	416.5	397.7	435.9	1,891	463.8	433.1	496	932	388.6	364.2	414.1	959
Moore	193.4	149.4	247	67	212.2	147.2	297.8	36	175.4	118.1	252.2	31
Morgan	497.2	455.1	542.2	525	636.9	564.4	716.2	304	407.5	355	465.8	221
Obion	435.7	405.2	468	778	544.3	493.3	599.2	433	361.2	323.1	402.8	345
Overton	431.1	394.7	470	532	541.9	481.2	608.3	304	348.3	303.7	397.9	228
Perry	468.2	407.7	535.6	223	514.6	419.3	625.8	109	453	371.5	548.4	114
Pickett	453	382	534.4	155	568.1	454.6	703.8	94	367.6	276.6	481	61
Polk	411.4	371.2	455	394	468.3	403.9	540.2	205	372.6	320.6	431	189
Putnam	570.7	545.5	596.8	1,948	666.7	626	709.3	1,022	498.4	466.3	532.1	926
Rhea	536.4	501.1	573.6	880	609.4	553.1	670	455	481.4	435.8	530.7	425
Roane	479.4	455.7	504.2	1,570	560.1	521.3	601.1	822	428.3	397.4	461.1	748
Robertson	445.7	420.1	472.5	1,155	498.9	457.9	542.6	587	407	374.1	442	568
Rutherford	442.3	426.7	458.3	3,225	508.7	482.7	535.6	1,638	395.9	376.4	416.1	1,587
Scott	427.2	389.1	468	471	461.5	400.9	528.4	225	411.4	361.2	466.8	246

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sequatchie	372.9	327.3	423.2	247	491.2	411.9	581.3	146	286.9	233.1	349.7	101
Sevier	476.5	456	497.7	2,092	572	537.7	607.9	1,131	406.2	380.6	433.1	961
Shelby	404.3	396.2	412.6	9,492	465.9	452.2	479.9	4,639	370.3	359.8	381	4,853
Smith	364.4	326.9	405	349	421.2	360.4	489.3	178	328.9	281	382.9	171
Stewart	460.1	411.7	512.9	335	535.2	459.2	620.6	185	400	337.9	470.8	150
Sullivan	459.9	446.3	473.9	4,392	544.1	521.5	567.4	2,279	405.1	387.6	423.2	2,113
Sumner	452.6	436.4	469.3	3,030	560.9	532.5	590.3	1,627	381.2	361.4	401.9	1,403
Tipton	401.3	374	429.9	840	462.2	417.1	510.6	437	357.9	323.5	394.9	403
Trousdale	401.4	339.1	472.1	150	487	386.8	605.8	85	323.7	248.8	414.9	65
Unicoi	397.2	361.6	435.8	469	470	412.2	534.1	246	355.8	308.9	408.4	223
Union	397.9	358.3	440.7	383	476.6	408.1	553	201	354.6	304.6	410.6	182
Van Buren	325.2	265.1	395.5	105	313.8	230	419.6	49	337.1	253.2	441.6	56
Warren	447.9	419.7	477.5	946	500.6	455.7	548.8	470	417.2	380.1	457	476
Washington	440.8	424.2	458	2,672	513.7	486.5	542.1	1,369	395.9	374.4	418.4	1,303
Wayne	379	340	421.5	351	432.7	371.2	501.6	185	341.7	290.6	399.7	166
Weakley	381.6	352.8	412.1	669	436.6	390.9	486.3	339	347.5	310	388.6	330
White	510.9	473.8	550.2	720	666.6	602.9	735.4	425	397.1	352.2	446.3	295
Williamson	445.2	427.6	463.3	2,665	537.6	506	570.6	1,364	390.5	368.9	413	1,301
Wilson	400.7	381.7	420.4	1,762	455.6	424.1	488.8	903	363.2	339	388.7	859

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	454.6	447.6	461.7	16,792	566.6	553.8	579.7	8,309	387.8	379.5	396.3	8,483
Anderson	522.1	401.4	666.3	65	818.4	578.8	1,117.2	41	336	214.9	499.5	24
Bedford	396.2	306.6	503.7	67	467	322.5	652.9	35	334.3	228	474	32
Benton	^	^	^	^	^	^	^	^	^	^	^	^
Bledsoe	^	^	^	^	^	^	^	^	^	^	^	^
Blount	471.3	367.1	595.3	73	519.9	348.7	741.1	33	457.6	325.2	625.5	40
Bradley	237.9	164.9	331.1	36	218.4	122.8	360.5	16	244.3	147.8	378	20
Campbell	^	^	^	^	^	^	^	^	^	^	^	^
Cannon	^	^	^	^	^	^	^	^	^	^	^	^
Carroll	487.5	386.3	607.6	80	595.8	424.4	811.9	40	441.6	314.4	604.5	40
Carter	^	^	^	^	^	^	^	^	^	^	^	^
Cheatham	500.8	269.4	849.7	14	^	^	^	^	^	^	^	^
Chester	240.7	133.7	395.3	15	^	^	^	^	^	^	^	^
Claiborne	^	^	^	^	^	^	^	^	^	^	^	^
Clay	^	^	^	^	^	^	^	^	^	^	^	^
Cocke	^	^	^	^	^	^	^	^	^	^	^	^
Coffee	471.2	325.7	656.6	35	640	390.6	985.9	21	312.5	169.8	525.8	14
Crockett	484.5	356.9	642.7	49	641.2	415.8	940.4	26	399.9	251.2	605.3	23
Cumberland	^	^	^	^	^	^	^	^	^	^	^	^
Davidson	490.7	471.7	510.2	2,687	585.9	551.4	621.7	1,267	437.3	414.4	461	1,420
Decatur	^	^	^	^	^	^	^	^	^	^	^	^
DeKalb	861.7	405.3	1,581.2	10	^	^	^	^	^	^	^	^
Dickson	728.4	551.2	941.7	60	928.4	616.6	1,329.4	32	594.1	392.3	861.2	28
Dyer	431.1	338.7	539.4	80	565.2	388.5	788.2	38	363.3	258.2	495	42
Fayette	317.6	269.7	371.5	158	437.4	350.3	538.5	90	236.6	183.3	300.5	68
Fentress	^	^	^	^	^	^	^	^	^	^	^	^
Franklin	434.2	317.8	578.7	47	829.6	528	1,223.6	29	271.4	160.4	431.4	18
Gibson	472.9	412.2	539.9	220	595	490.9	714.2	117	382.6	311.8	464.7	103
Giles	388.2	302.9	490.4	72	469	329.7	647.2	38	323.2	222	456.2	34
Grainger	^	^	^	^	^	^	^	^	^	^	^	^
Greene	342.3	213.1	519.1	22	^	^	^	^	^	^	^	^
Grundy	0	0	0	0	0	0	0	0	0	0	0	0
Hamblen	408.4	302.1	539.6	51	477.2	308.9	703.9	27	332.1	211.2	497.7	24
Hamilton	475.2	449.6	501.8	1,321	642.1	594	692.9	709	371.8	342.7	402.6	612
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	423.3	361	492.5	173	513.9	406.6	638.5	88	366.3	291.8	453.3	85
Hardin	519.4	331.1	775.7	25	609.1	315.4	1,062.8	13	402.4	207.1	716.6	12
Hawkins	^	^	^	^	^	^	^	^	0	0	0	0
Haywood	365.5	310.3	427.5	159	476.2	377.5	591.7	83	292.9	230.3	367.1	76

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Henderson	340.8	234.8	477.9	34	374.9	199.5	631.2	14	342	208.3	531.9	20
Henry	476.9	372.9	601.6	72	543.3	370.5	766.7	32	457.1	325.5	626.3	40
Hickman	578.6	336.7	922.3	20	^	^	^	^	^	^	^	^
Houston	^	^	^	^	^	^	^	^	^	^	^	^
Humphreys	533.9	284.5	907.7	14	^	^	^	^	^	^	^	^
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	568.7	376.9	821.2	28	850.8	485.8	1,369.5	17	366.5	177.9	670.3	11
Johnson	^	^	^	^	^	^	^	^	0	0	0	0
Knox	441.4	406.5	478.4	613	584.4	518.3	656.1	318	354.6	315	397.7	295
Lake	262.5	153.4	415.5	19	^	^	^	^	^	^	^	^
Lauderdale	390.2	324.3	464.7	129	455.7	343.4	589.8	59	374.3	290.7	473.7	70
Lawrence	^	^	^	^	^	^	^	^	^	^	^	^
Lewis	^	^	^	^	^	^	^	^	0	0	0	0
Lincoln	503.5	384.4	647.9	61	641.2	445.1	896.7	35	363.1	235.4	536.7	26
Loudon	538.3	268.5	955.3	12	^	^	^	^	^	^	^	^
McMinn	304	207.3	429.2	32	410.3	245.8	641.4	19	225.6	119.4	385.8	13
McNairy	493.8	340.7	690.4	34	663	400.1	1,028.6	20	350.3	191.2	588.1	14
Macon	^	^	^	^	^	^	^	^	^	^	^	^
Madison	466.6	427.2	508.5	542	569.9	499.8	646.5	261	401.9	355.4	452.4	281
Marion	484.6	327.4	692.8	31	467.9	246.4	812.3	13	501	292.6	804.1	18
Marshall	590.3	448.2	762.3	59	528.7	314.2	825.6	21	630.6	445.4	867.4	38
Maury	492.4	430.4	560.8	232	749.8	624.2	892.1	137	340.9	275.3	417.3	95
Meigs	^	^	^	^	^	^	^	^	0	0	0	0
Monroe	431.1	269.2	657.9	22	^	^	^	^	^	^	^	^
Montgomery	442	392.9	495.1	336	587.1	492.4	692.7	171	361.2	305.6	423.4	165
Moore	^	^	^	^	^	^	^	^	^	^	^	^
Morgan	^	^	^	^	^	^	^	^	^	^	^	^
Obion	416.4	318	534.9	61	585.2	404.9	815.4	35	300.5	195.8	440.8	26
Overton	^	^	^	^	0	0	0	0	^	^	^	^
Perry	^	^	^	^	^	^	^	^	^	^	^	^
Pickett	^	^	^	^	^	^	^	^	^	^	^	^
Polk	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	364.5	206.3	591.9	16	^	^	^	^	^	^	^	^
Rhea	626.8	370.1	991	18	^	^	^	^	^	^	^	^
Roane	382.8	261	543.9	32	368.2	176.2	671	11	428.9	264.2	665	21
Robertson	561.6	466.7	669.8	124	671.6	515	859.3	64	477.7	363.9	615.5	60
Rutherford	542.5	483	606.7	336	684.1	578	802.5	175	447.6	378.5	525	161
Scott	^	^	^	^	^	^	^	^	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Sevier	^	^	^	^	^	^	^	^	^	^	^	^
Shelby	450.3	439.8	461.1	7,405	550.1	530.6	570	3,517	392.9	380.3	405.7	3,888
Smith	475.4	243.1	838.4	12	^	^	^	^	^	^	^	^
Stewart	^	^	^	^	^	^	^	^	^	^	^	^
Sullivan	382.9	288.6	497.9	56	524.9	350.6	751.5	31	308.2	198.6	457.4	25
Sumner	461.3	388.5	543.2	151	579.1	452.1	728.5	82	381	295	483.1	69
Tipton	472.6	409	543	201	595.3	479.7	728.5	97	407.6	332.5	494.1	104
Trousdale	320.7	186	524.4	18	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0
Warren	478.5	320.9	686.3	31	696.7	382.4	1,153.3	18	366.3	188.7	640.7	13
Washington	260.3	188.4	349.2	45	341.4	220.1	502.7	28	178.8	103.7	285.6	17
Wayne	^	^	^	^	^	^	^	^	^	^	^	^
Weakley	417.1	291.7	576.2	37	575.7	326.6	924.2	17	414.8	251.4	640.6	20
White	700.3	406.6	1,137.2	17	^	^	^	^	^	^	^	^
Williamson	486.4	411.8	570.4	161	677.4	539.5	838.3	94	352.4	271.4	450.1	67
Wilson	472.9	392.2	564.6	128	602.3	456	777.8	67	401.9	306.1	517.7	61

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. Counts for all counties may not add up to Tennessee's total, due to some records having a missing value for county at diagnosis. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 4. Age-Adjusted Mortality Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	209.7	208.1	211.3	63,634	273.5	270.5	276.5	33,983	169.2	167.3	171.2	29,651
2002	214.4	210.6	218.2	12,506	282.3	275.3	289.3	6,719	171	166.6	175.5	5,787
2003	212.2	208.5	215.9	12,594	275.4	268.6	282.3	6,664	172.1	167.7	176.6	5,930
2004	207.7	204.1	211.4	12,557	269.7	263	276.4	6,685	168.1	163.8	172.5	5,872
2005	209.7	206	213.3	12,970	271.3	264.8	278	6,907	170.5	166.2	174.9	6,063
2006	205	201.4	208.6	13,007	269.1	262.6	275.7	7,008	164.7	160.5	168.9	5,999
WHITES												
2002-2006	203.5	201.7	205.2	54,260	264.6	261.4	267.7	29,145	164.2	162.1	166.2	25,115
2002	209	205.1	213	10,719	274	266.8	281.4	5,775	167.3	162.7	172.1	4,944
2003	206.1	202.2	210.1	10,764	266.9	259.9	274.2	5,735	167	162.4	171.7	5,029
2004	202	198.1	205.8	10,738	261.6	254.6	268.6	5,749	163.4	158.8	168	4,989
2005	202.4	198.6	206.2	10,990	260.2	253.4	267.2	5,871	165.2	160.7	169.8	5,119
2006	198.3	194.6	202	11,049	260.7	253.9	267.5	6,015	158.4	154	162.8	5,034
BLACKS												
2002-2006	264	258.5	269.6	9,102	360.2	349.4	371.2	4,706	209	202.8	215.4	4,396
2002	263	250.6	275.8	1,741	366.1	341.9	391.5	927	200.7	187	215.1	814
2003	264.6	252.3	277.4	1,787	359.2	335	384.5	909	211.5	197.6	226.1	878
2004	257	244.9	269.5	1,769	346.6	323.1	371.1	910	205.4	191.7	219.8	859
2005	271.2	258.9	284	1,908	373	348.7	398.5	994	213.4	199.6	227.9	914
2006	264.5	252.4	276.9	1,897	356.4	332.7	381.2	966	214.1	200.4	228.5	931

CANCER IN TENNESSEE: 2002-2006

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
	OTHERS											
2002-2006	106.8	91.8	123.3	266	138.6	109.3	172.1	129	88.7	72.3	107.4	137
2002	102.6	69.8	143.9	46	106.4	51.8	186.2	17	104.8	65.1	157.7	29
2003	91.1	61	129.3	42	98.7	50.6	168	20	86.2	50.1	135.6	22
2004	114.4	79.8	157.2	50	191	112.2	295.2	26	73.8	44.4	114.2	24
2005	114.6	84.2	151.4	69	176.5	110.1	262.9	40	76.9	48.4	115.3	29
2006	108	76.7	146.4	59	113.1	65.4	178.5	26	102.7	65	152	33

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander. Counts by race do not necessarily add up to the counts for all races combined due to some records with a missing value for race.

CANCER IN TENNESSEE: 2002-2006

Table 5. Age-Specific Mortality Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the Five-Year Period 2002-2006.

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	
0	^	^	^	^	^	^	^	^	^	^	^	
01-04	2.8	2	3.7	43	3.3	2.1	4.8	26	2.2	1.3	3.6	
05-09	2.6	1.9	3.4	50	2.3	1.5	3.5	23	2.9	1.9	4.2	
10-14	2.8	2.1	3.6	56	2.9	2	4.2	30	2.7	1.7	3.9	
15-19	3.1	2.4	4	64	3.3	2.3	4.6	35	2.9	2	4.2	
20-24	5.1	4.2	6.2	102	4.8	3.6	6.4	49	5.4	4	7	
25-29	7.5	6.3	8.8	149	7.4	5.8	9.3	74	7.6	6	9.5	
30-34	13.2	11.7	14.9	273	10.1	8.3	12.3	105	16.3	13.9	19	
35-39	27.9	25.7	30.2	595	23	20.2	26.1	244	32.7	29.4	36.3	
40-44	56.8	53.8	60	1,292	53.4	49.2	57.9	597	60.1	55.8	64.8	
45-49	107.2	103	111.6	2,396	112.7	106.4	119.1	1,229	102	96.3	108.1	
50-54	191	185	197	3,905	215.8	206.8	225.2	2,151	167.3	159.6	175.3	
55-59	320.1	311.8	328.6	5,605	375	362.1	388.2	3,185	268.4	257.8	279.3	
60-64	504.5	492.7	516.5	6,942	607.4	588.7	626.6	3,989	410.5	395.8	425.6	
65-69	729.8	714	745.9	8,064	897.9	872.1	924.3	4,596	584.8	565.5	604.6	
70-74	994.2	973.7	1,015.0	8,952	1,280.7	1,245.7	1,316.5	5,067	769.6	745.6	794.2	
75-79	1,303.4	1,277.3	1,329.9	9,491	1,784.6	1,736.6	1,833.6	5,241	978.1	948.9	1,008.0	
80-84	1,527.0	1,493.5	1,561.0	7,901	2,222.8	2,154.9	2,292.3	4,049	1,148.9	1,112.9	1,185.8	
85+	1,704.1	1,666.3	1,742.4	7,748	2,722.8	2,630.6	2,817.5	3,292	1,335.0	1,296.1	1,374.8	

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 6. Age-Adjusted Mortality Rates for All Cancers Combined and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	209.7	208.1	211.3	63,634	273.5	270.5	276.5	33,983	169.2	167.3	171.2	29,651
Anderson	197.9	185.3	211.1	934	266.1	243.2	290.5	512	154.8	140	170.8	422
Bedford	220.1	200	241.7	441	299.1	261.9	339.9	247	170	146.7	195.9	194
Benton	219.9	193.2	249.6	253	280.4	235.2	332.4	143	177.8	145.2	216.5	110
Bledsoe	162.1	131.8	197.4	105	212.5	158.2	278.4	60	130.8	95	176.3	45
Blount	196.5	185.8	207.6	1,283	258.3	239	278.6	701	154.5	142.1	167.8	582
Bradley	192.4	179.9	205.6	894	251.2	228.5	275.6	488	152.8	138.2	168.6	406
Campbell	234.2	215.4	254.2	586	327.7	291.7	367	340	175.8	154.2	199.9	246
Cannon	186	156	220.3	137	260	204	326.2	79	134	101.5	174.4	58
Carroll	237.1	215.5	260.4	454	328.5	289.6	371.2	263	174.8	149.9	202.9	191
Carter	214.9	199.6	231.1	744	282.7	254.8	312.8	397	174	155.9	193.8	347
Cheatham	221.8	198.6	246.9	355	287.8	246.5	333.6	203	170.9	144.4	200.8	152
Chester	176.5	149.4	207.2	151	213.3	167.2	267.9	75	156.2	122.6	196.7	76
Claiborne	243.8	220.9	268.6	421	317.4	275.8	363.5	229	195.9	168.9	226.1	192
Clay	233	192.2	280.5	117	259	194.3	339.2	58	211.6	160.7	275	59
Cocke	236.1	214.9	258.8	469	321.9	283	364.6	274	177.4	153.2	204.5	195
Coffee	223.1	206.2	241	651	291.7	261.7	324.1	362	174.3	154.6	196	289
Crockett	197.3	168.7	229.6	174	304.2	249.9	366.8	112	124.6	94.5	161.7	62
Cumberland	186.1	172.4	200.9	726	240.8	217.6	266	433	142.3	125.9	160.6	293
Davidson	207.7	202.2	213.3	5,538	267.9	257.8	278.3	2,801	171	164.6	177.6	2,737
Decatur	242.2	208.9	279.9	193	309.3	252.8	375.4	108	192.8	152.6	241.5	85
DeKalb	215.6	188.3	246	225	273.7	225.1	329.6	118	183.2	149.7	222.3	107
Dickson	217.5	198.4	237.9	484	276.7	241.9	314.8	253	181.5	158.8	206.7	231
Dyer	206.5	187.2	227.4	422	261.2	227	299	219	169.8	146.9	195.4	203
Fayette	201.3	180.4	224	344	273.8	235.5	316.3	197	153.3	129.3	180.5	147
Fentress	233.1	203.6	265.9	230	335	280.3	397.1	141	158.5	127	196	89
Franklin	187.5	170.5	205.8	451	238.8	208.8	271.8	241	156.1	135.5	179.2	210
Gibson	237.7	220.7	255.7	745	326.4	295.6	359.5	416	177.4	157.9	198.7	329
Giles	223.6	201.7	247.3	387	298.6	258.6	342.9	214	172.2	147	200.8	173
Grainger	259	229.8	290.9	298	337.9	284.6	397.9	164	207.6	173.6	246.5	134
Greene	231.7	216.8	247.5	903	299.5	272.7	328.2	490	187.2	169.4	206.6	413
Grundy	223.3	192.1	258.3	186	280.8	227.9	342.2	103	183.3	145.3	228.5	83

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamblen	225	208.9	242	739	305.1	274.8	337.7	405	176.1	157.6	196.4	334
Hamilton	205.3	198.6	212.1	3,629	278.9	266.4	291.9	1,947	162.4	154.6	170.5	1,682
Hancock	207.8	165.6	258.1	84	249.9	178.3	340.8	42	191.6	137.6	261.3	42
Hardeman	221.3	197.6	247.1	319	273.7	234.1	317.9	176	180	151.4	212.7	143
Hardin	192.9	172.2	215.5	323	258.4	221.4	300	186	148.8	124.5	176.9	137
Hawkins	195.3	180.1	211.5	622	270.4	242	301.3	358	146.5	129.1	165.6	264
Haywood	206.7	179.9	236.4	216	268.6	220.1	324.3	110	170.3	138.8	207	106
Henderson	223.1	199.5	248.9	326	299.2	255.9	347.5	180	174.6	147.2	205.9	146
Henry	227	207.3	248.3	496	299.6	264.7	338.1	278	177	153.8	203.2	218
Hickman	224.2	197.9	253.1	266	317.1	267.3	373.1	161	160.9	131.4	195.4	105
Houston	217.4	178.6	262.6	112	280.7	215.3	360.3	64	168	123.3	225.3	48
Humphreys	235.1	207	266	258	288.9	241	343.7	137	197.2	163.2	236.7	121
Jackson	192.8	161.1	229.3	133	280.3	220.7	351.3	84	132	97	176.5	49
Jefferson	212.8	195.3	231.6	554	265.7	234.6	299.8	294	178	156.8	201.5	260
Johnson	216.3	189.7	245.9	242	252.2	209.6	301.2	128	185.7	152.7	224.6	114
Knox	195.6	189.6	201.7	4,085	246.8	235.9	258	2,050	165.3	158.2	172.7	2,035
Lake	257.6	210.5	312.4	105	317	237.3	414.1	56	226	166	303.1	49
Lauderdale	236.8	211.2	264.7	315	296.5	251.5	346.8	161	205.9	174.1	242	154
Lawrence	217.2	198.7	237.1	510	299.1	264.7	336.7	286	167.8	146.2	191.9	224
Lewis	241.5	204.4	283.5	153	319.8	254.6	396.4	89	178.8	137.5	229.4	64
Lincoln	217.2	197	239	428	298.9	262	339.5	247	158.2	135.5	183.8	181
Loudon	201.1	184.5	218.9	561	263.3	232.7	296.9	304	163.7	143.8	185.8	257
McMinn	223.8	206.9	241.7	657	306.8	275.3	340.8	370	171.9	152.3	193.4	287
McNairy	223	200.1	248	351	295.1	254.5	340.4	198	172.9	145.9	203.8	153
Macon	234.5	206.3	265.4	254	302.3	251.1	360.5	134	195.1	161.3	234	120
Madison	206.1	193.3	219.6	971	261.7	238.9	286	498	171	155.8	187.4	473
Marion	255.6	230.6	282.7	395	323.3	277.7	374	210	210.4	181	243.5	185
Marshall	230.5	206.1	257	329	309.5	265	359	182	178.9	150.8	210.7	147
Mauzy	215.9	201.2	231.4	802	283.4	256.4	312.3	428	173.3	156.1	191.9	374
Meigs	185.4	152	224.1	113	221	162.4	292.9	60	164.2	122.6	215.7	53
Monroe	219.7	200.8	239.8	510	295.7	261.9	332.6	294	167.4	145.6	191.7	216
Montgomery	207.6	194.9	220.7	1,045	265.7	242.4	290.4	551	170.6	155.8	186.5	494
Moore	152.7	114.7	200	55	159.2	99.4	241.6	24	159	107	229.2	31
Morgan	212.1	184.9	242.3	223	259.8	212.6	313.9	117	182.8	149.4	221.8	106
Obion	221.2	200.7	243.2	437	305	267.6	346.1	250	163.3	140.2	189.4	187
Overton	265.4	237.2	296.2	328	350.4	301	405.7	189	200.5	168.1	237.9	139
Perry	273.2	228	325.3	132	367.1	284.3	466.5	73	221.5	167.3	289.4	59

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Pickett	195.2	150.8	250	68	250	173.8	350.2	38	161.5	107.3	237	30
Polk	251.6	220.4	286.2	239	318.3	263.8	380.8	132	203.2	166.1	246.6	107
Putnam	207.7	192.9	223.4	731	253.7	228.4	281	377	176.1	158	195.8	354
Rhea	209.3	187.7	232.7	350	306.6	265.4	352.4	213	142.2	119	168.8	137
Roane	218.2	202.7	234.7	746	280.7	253.2	310.5	405	177.5	158.9	197.9	341
Robertson	210.7	193.6	229	570	266.9	236.5	300	307	171.6	151.4	193.7	263
Rutherford	198.9	188.6	209.6	1,465	247.6	229.2	267	777	166.3	154	179.4	688
Scott	220.9	193.7	250.9	243	270.4	223.1	324.4	126	188.2	155.4	226	117
Sequatchie	185	153.1	221.6	121	255.3	198.5	323.1	74	129.8	95.1	173.5	47
Sevier	196.3	183	210.2	842	246.9	223.5	272.1	454	162.1	146.2	179.3	388
Shelby	216.6	211.9	221.3	8,420	276	267.3	284.9	4,156	182.9	177.4	188.5	4,264
Smith	220.4	191.8	252.2	215	265.1	216.7	320.9	109	193	157.7	234.2	106
Stewart	222.4	189.4	259.6	164	254.5	201.8	316.8	85	195.2	154.3	244.4	79
Sullivan	208.2	199.2	217.4	2,066	273.7	257.5	290.7	1,118	165.6	155	176.7	948
Sumner	199.2	188.6	210.3	1,351	256.4	236.9	276.9	724	161.3	148.8	174.6	627
Tipton	231.2	212	251.6	553	304.8	269.3	343.3	301	183.2	161.2	207.4	252
Trousdale	239.1	194.8	290.7	103	297.6	222.9	389.3	56	190.6	139.2	256	47
Unicoi	217.5	192.1	245.6	270	292.1	245.9	344.8	146	174.2	144.1	209.7	124
Union	232.3	201.3	266.7	210	319.9	261.2	387.1	123	170.8	136.6	211.1	87
Van Buren	197.8	150.8	255.4	61	232.1	157.6	330	33	168.1	111.4	245.6	28
Warren	200.6	182.2	220.4	439	260.3	227.8	296	241	160.6	138.7	185	198
Washington	199.6	188.7	210.9	1,267	269.9	250	291	705	155	142.3	168.6	562
Wayne	199.1	171.5	230	188	237.4	191.5	290.7	98	178.5	143	220.9	90
Weakley	205.1	185.4	226.5	401	287.1	250.4	327.7	225	158	135	184.2	176
White	225.2	201.2	251.4	325	308.5	264.3	357.9	188	169.8	142.2	201.5	137
Williamson	177.2	165.7	189.1	966	238.4	215.9	262.4	515	143.2	130	157.3	451
Wilson	203.2	189.7	217.5	881	273.5	247.8	301	495	157.7	142.2	174.5	386

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	203.5	201.7	205.2	54,260	264.6	261.4	267.7	29,145	164.2	162.1	166.2	25,115
Anderson	197	184.2	210.5	898	265.7	242.5	290.6	494	153.4	138.4	169.7	404
Bedford	217	196.1	239.5	397	299.8	260.6	342.9	224	165.6	141.6	192.5	173
Benton	221.5	194.4	251.6	250	281.3	235.5	333.9	141	180.5	147.1	220	109
Bledsoe	164.2	133.4	200.1	104	214.5	159.5	281.4	59	132.5	96.3	178.7	45
Blount	196.9	186.1	208.3	1,248	257.7	238.3	278.4	681	155.2	142.5	168.7	567
Bradley	193.6	180.9	207.1	869	254.8	231.5	279.7	478	152.2	137.4	168.3	391
Campbell	234.2	215.4	254.3	582	329.2	293	368.7	339	175	153.4	199.1	243
Cannon	185.7	155.4	220.3	134	255.6	199.7	321.9	76	136.7	103.5	177.8	58
Carroll	229.8	207.4	254.1	399	318.1	278.1	362.5	232	169	143.2	198.5	167
Carter	214.7	199.4	231	736	283.4	255.3	313.7	394	173.1	155	192.9	342
Cheatham	222.3	198.8	247.8	347	286.3	244.6	332.7	197	173.1	146.1	203.6	150
Chester	178.7	150.3	211.1	141	213.1	165.2	270.4	69	160.9	125.3	204.1	72
Claiborne	245.6	222.5	270.6	419	318.7	276.7	365.2	227	198.4	171.1	229	192
Clay	235.6	194.1	283.9	116	264.3	198.1	346.2	58	212	160.6	276.3	58
Cocke	236.3	214.9	259.3	459	319.3	280.2	362.3	266	179.7	155.1	207.4	193
Coffee	221.9	204.9	240.1	628	287	256.9	319.6	346	176.1	155.9	198.4	282
Crockett	181.8	152.6	215.3	141	275.7	221.1	340	90	117.6	86.6	157	51
Cumberland	186.6	172.8	201.4	724	241.2	218	266.6	432	142.7	126.2	161.1	292
Davidson	197	191	203.1	4,180	254.7	243.9	266	2,137	161	154	168.3	2,043
Decatur	241.5	207.7	279.8	187	308.8	251.6	376	105	192.6	151.7	242.4	82
DeKalb	215.7	188.1	246.4	221	271.6	222.7	327.8	115	184.7	150.8	224.4	106
Dickson	215.4	196.1	236.2	460	276	240.4	315.2	241	179.4	156.3	205	219
Dyer	198.1	178.3	219.5	370	251.6	216.7	290.4	194	163	139.4	189.6	176
Fayette	196	171.4	223.2	237	258.2	212.7	310.3	130	161.2	131.8	195.5	107
Fentress	234.1	204.5	267	230	337.3	282.2	400	141	159	127.4	196.7	89
Franklin	184.1	166.8	202.7	421	233.4	203.1	267	225	153.7	132.7	177.4	196
Gibson	222.6	204.9	241.6	599	298.9	267.2	333.6	326	173.2	152.2	196.6	273
Giles	221.8	198.7	247	342	301	258.1	348.9	189	171.4	144.9	201.9	153
Grainger	260	230.6	292.1	296	338	284.2	398.5	162	209.7	175.4	249	134
Greene	232.6	217.5	248.6	890	299.9	272.9	328.9	483	188.3	170.2	207.9	407
Grundy	222.8	191.5	257.9	184	280.3	227.3	341.9	102	183	144.9	228.5	82
Hamblen	226.4	209.9	243.8	713	306.2	275.3	339.5	390	178.2	159.1	199.2	323
Hamilton	197.7	190.6	205	2,934	265.1	251.9	278.9	1,566	157.7	149.3	166.5	1,368
Hancock	207.2	164.9	257.8	83	247.1	175.5	338.3	41	193.1	138.7	263.3	42
Hardeman	198.2	171.9	227.8	206	230.4	189.3	278.3	113	168.7	135.3	208.8	93
Hardin	193.6	172.6	216.7	314	258.6	221	300.8	181	148.9	124.3	177.6	133
Hawkins	195.3	180	211.7	610	267	238.4	298	347	148.9	131.2	168.4	263
Haywood	200.9	166.9	240.3	125	261.7	199.7	337.1	63	166.1	125.4	217.3	62
Henderson	220.2	196	246.8	301	295.7	251.4	345.6	167	170.8	142.9	203	134

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henry	216.5	196.6	238.2	440	284.5	249.3	323.6	247	168.9	145.3	195.7	193
Hickman	225.1	198.3	254.6	258	314.6	264.1	371.4	154	164.9	134.5	200.4	104
Houston	213.7	174.7	259.3	107	281.9	215.3	363.3	62	162.4	117.8	220.2	45
Humphreys	234.7	206.3	266.2	250	282.7	234.6	337.9	130	201.6	166.7	242.2	120
Jackson	190.6	159.1	227.1	131	278.3	218.9	349.1	83	129.4	94.7	173.6	48
Jefferson	211.3	193.6	230.3	537	261	229.9	295.1	284	178.3	156.8	202.1	253
Johnson	217.6	190.7	247.5	241	253.3	210.4	302.7	127	187	153.8	226.2	114
Knox	192.1	186	198.4	3,725	242.7	231.6	254.3	1,878	162.2	154.8	169.9	1,847
Lake	253.9	202.7	315.3	86	312.6	226.7	421.1	46	222.3	156.8	309.8	40
Lauderdale	224.1	195.4	256	224	291.1	239.9	349.7	121	186.4	151.4	227.7	103
Lawrence	217.7	199	237.8	503	299.4	264.7	337.3	282	168.3	146.5	192.7	221
Lewis	245	207.4	287.7	153	323.9	257.9	401.6	89	181.7	139.7	233.1	64
Lincoln	210.1	189.6	232.4	386	289.4	251.9	331	223	153	130	179.3	163
Loudon	201.1	184.4	219	554	264.1	233.3	297.8	302	163	143	185.3	252
McMinn	219	202	237.2	617	302.7	270.8	337.3	351	166.4	146.8	188.1	266
McNairy	217.9	194.7	243.3	327	289.1	248	335.3	185	168.9	141.6	200.5	142
Macon	234.2	206	265.2	252	302.3	250.9	360.7	133	194.5	160.7	233.5	119
Madison	191.5	177.4	206.5	688	240.9	216.2	267.5	357	158.3	141.4	176.8	331
Marion	257.9	232.2	285.8	380	328.2	281	380.7	204	211.3	181	245.4	176
Marshall	225.4	200.4	252.7	297	305.3	259.6	356.4	167	172.4	143.7	205.3	130
Maury	210.1	194.6	226.5	684	266.5	238.8	296.4	356	174.8	156.3	195	328
Meigs	186.4	152.7	225.5	112	218.5	160.2	290.3	59	167.1	124.8	219.6	53
Monroe	218.4	199.3	238.8	493	292.3	258.3	329.4	284	167.1	145	191.8	209
Montgomery	199.9	186.5	213.9	852	247.7	223.9	273.3	447	168	152	185.3	405
Moore	152.8	114.1	201.1	53	153.3	94.9	234.6	23	160.2	107.1	232.2	30
Morgan	213.9	186.4	244.4	223	262.4	214.8	317.1	117	183.8	150.3	223.1	106
Obion	217.5	196.4	240.3	398	302	263.6	344.6	231	158.8	135	186	167
Overton	266.3	237.9	297.2	327	353.2	303.4	409	189	200.1	167.6	237.5	138
Perry	273.2	227.6	325.7	130	365.9	283	465.6	72	222.2	167.3	291	58
Pickett	193.2	149	248	67	250.5	174.2	350.8	38	157.2	103.6	232.2	29
Polk	252.8	221.5	287.6	239	319.4	264.8	382.1	132	204.3	167.1	248	107
Putnam	208.3	193.3	224.2	719	256	230.3	283.7	373	175.9	157.6	195.8	346
Rhea	207.3	185.6	230.9	339	306.1	264.4	352.4	208	139.5	116.2	166.3	131
Roane	219.6	203.9	236.4	729	282.4	254.4	312.8	397	178.6	159.6	199.5	332
Robertson	209.3	191.4	228.3	517	263.3	231.6	298	276	172.2	151.1	195.5	241
Rutherford	195.4	184.7	206.5	1,308	238.6	219.8	258.5	688	165.6	152.7	179.3	620
Scott	221.6	194.2	251.7	242	271.6	224.1	325.7	126	188.2	155.3	226.2	116

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sequatchie	186	154	222.8	121	256.2	199.2	324.1	74	130.7	95.7	174.7	47
Sevier	197	183.7	211.1	838	248.9	225.3	274.3	454	161.8	145.9	179.1	384
Shelby	182.4	177	188	4,260	225.4	215.6	235.7	2,062	158.6	152	165.5	2,198
Smith	220.2	191.1	252.5	208	268.4	219	325.4	107	190.5	154.8	232.2	101
Stewart	226.1	192.5	264.2	163	259.5	205.8	323.1	85	197.4	155.7	247.6	78
Sullivan	208.4	199.3	217.7	2,030	274.2	257.9	291.4	1,101	165.4	154.8	176.7	929
Sumner	197	186.1	208.3	1,266	253.2	233.3	274.2	677	159.9	147.1	173.5	589
Tipton	226.7	205.6	249.3	443	298.9	260	341.6	245	178.9	154.7	205.9	198
Trousdale	248	199.7	304.7	93	320.9	237.4	424.1	52	192.8	137.5	264.3	41
Unicoi	217.2	191.8	245.4	269	292.4	246.2	345.2	146	173.4	143.3	208.9	123
Union	233.6	202.4	268.2	210	322.6	263.3	390.5	123	171.5	137.1	212	87
Van Buren	195.3	148.6	252.7	60	234.3	159.1	333	33	162.4	106.7	239	27
Warren	198.3	179.7	218.3	420	257.5	224.7	293.7	231	158.2	136.2	182.9	189
Washington	201.6	190.5	213.3	1,239	272.9	252.6	294.5	691	156.6	143.6	170.6	548
Wayne	200.6	172.5	232.1	185	238.2	191.8	292.4	96	179	143.2	221.8	89
Weakley	208.2	187.8	230.4	387	294.4	256.4	336.4	221	157.5	133.8	184.5	166
White	224.2	200	250.7	317	304.8	260.6	354.3	183	169.4	141.6	201.5	134
Williamson	169.1	157.6	181.2	863	225.4	202.7	249.7	454	138.7	125.4	153.1	409
Wilson	198.5	184.7	213.1	805	263	237.1	290.9	448	156	140	173.3	357

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	264	258.5	269.6	9,102	360.2	349.4	371.2	4,706	209	202.8	215.4	4,396
Anderson	215	140.9	312.9	27	291.9	158.6	485.3	15	166.6	85.8	290.5	12
Bedford	264	190.6	355.9	43	312.7	193.5	475.4	22	221.6	136.2	341.2	21
Benton	^	^	^	^	^	^	^	^	^	^	^	^
Bledsoe	0	0	0	0	0	0	0	0	0	0	30	0
Blount	214.3	146.4	302	34	286.4	167.4	454.1	19	169.7	93.8	282.3	15
Bradley	159.5	99.6	240.4	23	^	^	^	^	^	^	^	^
Campbell	^	^	^	^	^	^	^	^	0	0	0	0
Cannon	^	^	^	^	^	^	^	^	0	0	0	0
Carroll	322.6	242.1	421.9	54	453.9	305.5	647.8	30	245	155.8	369.2	24
Carter	^	^	^	^	^	^	^	^	^	^	^	^
Cheatham	^	^	^	^	^	^	^	^	^	^	^	^
Chester	159.2	75.5	290.8	10	^	^	^	^	^	^	^	^
Claiborne	^	^	^	^	^	^	^	^	0	0	0	0
Clay	^	^	^	^	0	0	0	0	^	^	^	^
Cocke	277.3	131.6	513.3	10	^	^	^	^	^	^	^	^
Coffee	308.7	189	471.1	21	^	^	^	^	^	^	^	^
Crockett	320.9	219.3	453.1	33	558.2	347.8	843.8	22	168.2	81.4	311.3	11
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	266.4	251.8	281.5	1,317	349.9	321.4	380	643	220.3	203.8	237.8	674
Decatur	^	^	^	^	^	^	^	^	^	^	^	^
DeKalb	^	^	^	^	^	^	^	^	^	^	^	^
Dickson	311.8	196.4	465.7	24	365.1	177.2	647.6	12	263.9	133.7	463.3	12
Dyer	286.5	211.5	377.8	52	339.2	211.7	510.6	25	234.4	151.3	344.7	27
Fayette	215.8	176.3	261.2	106	329.4	253.9	419.2	66	135	95.9	184.6	40
Fentress	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	271.9	182.3	389.6	30	426.1	225.7	715.9	16	200.9	109	341.4	14
Gibson	310.7	261.8	366.1	144	476.8	381.6	587.8	89	194.2	145.8	253.9	55
Giles	232.4	167.5	314.4	43	296.2	187.8	444	24	168.7	99.7	269.5	19
Grainger	^	^	^	^	^	^	^	^	0	0	0	0
Greene	178.6	88.3	318.5	11	^	^	^	^	^	^	^	^
Grundy	^	^	^	^	^	^	^	^	^	^	^	^
Hamblen	215.9	139.7	317.8	26	301.4	161.1	507.8	15	147.3	72.9	267	11
Hamilton	247	228.5	266.6	672	364.9	327.1	405.6	367	184.9	164.5	207	305
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	293.8	241.3	353.6	113	430.2	327.5	551.6	63	212.4	157	280.5	50
Hardin	^	^	^	^	^	^	^	^	^	^	^	^
Hawkins	213.1	101.2	398.4	10	491	234.2	910	10	0	0	0	0
Haywood	215.2	172.9	264.4	91	284.6	208.2	378.3	47	174	126	233.8	44

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Henderson	264.9	170.7	391.3	25	350.5	183.2	597.9	13	222.1	114.5	389.3	12
Henry	374.2	281.6	487.9	55	523.9	354.8	743.7	31	281.1	179.3	421.8	24
Hickman	^	^	^	^	^	^	^	^	^	^	^	^
Houston	^	^	^	^	^	^	^	^	^	^	^	^
Humphreys	^	^	^	^	^	^	^	^	^	^	^	^
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	322.6	182.9	524.2	16	^	^	^	^	^	^	^	^
Johnson	^	^	^	^	^	^	^	^	0	0	0	0
Knox	261.2	233.9	290.8	341	339.6	286.9	398.3	164	218	186.9	252.8	177
Lake	277.9	163.9	436.5	19	^	^	^	^	^	^	^	^
Lauderdale	267.2	214.1	328.7	91	313.4	221.3	427.5	40	253.8	187.9	335	51
Lawrence	^	^	^	^	^	^	^	^	^	^	^	^
Lewis	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	352.7	253.5	477.8	42	506.8	319.8	760.4	24	242.7	141.6	389.8	18
Loudon	^	^	^	^	^	^	^	^	^	^	^	^
McMinn	343.9	240.3	476.1	36	424.5	247	674.1	18	283.4	165.9	452.4	18
McNairy	372.3	237.4	552.7	24	529	273.1	904.8	13	274.2	136.4	491.5	11
Macon	0	0	0	0	0	0	0	0	0	0	0	0
Madison	249.4	220.5	280.8	282	330.2	275.7	391.4	141	205.5	172.4	242.8	141
Marion	221.7	123.1	371.4	15	^	^	^	^	^	^	^	^
Marshall	310.9	212.1	439.3	32	350.5	191.4	586.4	15	265.4	153.7	428.3	17
Maury	263.5	217.6	315.9	118	426.6	329.8	541.3	72	168.2	122.7	224.8	46
Meigs	^	^	^	^	^	^	^	^	0	0	0	0
Monroe	312	176.4	514	16	^	^	^	^	^	^	^	^
Montgomery	283.8	242.1	329.9	182	417.9	333.2	514.8	102	205.9	161.7	257.3	80
Moore	^	^	^	^	^	^	^	^	^	^	^	^
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Obion	259.8	183.3	356.6	38	334.1	197.9	523.1	19	210.4	125.8	330.4	19
Overton	0	0	0	0	0	0	0	0	0	0	0	0
Perry	^	^	^	^	0	0	0	0	^	^	^	^
Pickett	0	0	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	302.7	155.9	522.3	12	^	^	^	^	^	^	^	^
Rhea	366	180.2	660	11	^	^	^	^	^	^	^	^
Roane	156.6	83	271.2	13	^	^	^	^	^	^	^	^
Robertson	241.4	180.6	315.7	53	333	224.6	473.6	31	174.6	109	264.8	22
Rutherford	257.9	215	305.9	139	371.1	286.3	470.2	76	196.7	149.9	252.4	63
Scott	0	0	0	0	0	0	0	0	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Scott	0	0	0	0	0	0	0	0	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	^	^	^	^	0	0	0	0	^	^	^	^
Shelby	271.9	263.4	280.7	4,091	366.3	349.3	383.8	2,059	219.6	210	229.6	2,032
Smith	^	^	^	^	^	^	^	^	^	^	^	^
Stewart	^	^	^	^	0	0	0	0	^	^	^	^
Sullivan	253.9	176.4	353.2	35	313.4	178.2	504.5	17	214.3	126.8	340.9	18
Sumner	263.2	207.2	328.8	81	345.7	244.7	471	45	206	143.1	285.6	36
Tipton	259.9	213	313.5	109	359.8	269.6	468.2	56	204.4	152.7	267.6	53
Trousdale	178.8	84.8	343.4	10	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	^	^	^	^	0	0	0	0	^	^	^	^
Warren	265.6	152.5	429.6	17	^	^	^	^	^	^	^	^
Washington	174	114.8	251.1	28	194.4	101.2	331.9	14	145.8	79.3	244	14
Wayne	^	^	^	^	^	^	^	^	^	^	^	^
Weakley	137.7	70.3	240	12	^	^	^	^	^	^	^	^
White	^	^	^	^	^	^	^	^	^	^	^	^
Williamson	317.6	254.3	391.1	93	475.3	352.8	623.3	56	217.9	151.4	302.9	37
Wilson	281.1	217.4	356.6	70	461.4	327.9	626.4	45	179.6	115.1	265.8	25

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. ^--Data suppressed.

Cancer of Lung and Bronchus

Table 7. Age-Adjusted Lung & Bronchus Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	80.3	79.3	81.3	24,787	109.9	108.1	111.8	14,582	59.2	58.1	60.4	10,205
2002	72.2	70	74.4	4,303	95.9	92.1	99.9	2,455	55.4	52.9	58	1,848
2003	77.7	75.5	80	4,702	105.4	101.4	109.5	2,752	57.8	55.3	60.4	1,950
2004	84	81.7	86.3	5,156	118.8	114.6	123.2	3,129	59.3	56.7	61.9	2,027
2005	84.1	81.9	86.4	5,286	115.4	111.3	119.6	3,121	61.9	59.4	64.6	2,165
2006	83	80.8	85.3	5,340	113.3	109.3	117.5	3,125	61.6	59	64.2	2,215
WHITES												
2002-2006	80.5	79.5	81.6	21,833	109.7	107.8	111.7	12,896	59.6	58.4	60.9	8,937
2002	72.5	70.2	74.9	3,803	95.5	91.4	99.7	2,164	56.4	53.7	59.2	1,639
2003	78.7	76.3	81.1	4,184	106	101.7	110.4	2,453	58.9	56.2	61.8	1,731
2004	84.2	81.8	86.7	4,538	118.2	113.7	122.8	2,765	59.6	56.9	62.5	1,773
2005	83.5	81.1	86	4,600	114.3	109.9	118.7	2,736	61.4	58.6	64.3	1,864
2006	83.4	81	85.8	4,708	113.8	109.5	118.2	2,778	61.7	58.9	64.5	1,930
BLACKS												
2002-2006	79.1	76.1	82.1	2,797	112.5	106.8	118.4	1,599	57.5	54.2	60.9	1,198
2002	71.1	64.8	77.8	481	100.8	88.8	113.8	278	51.2	44.3	58.7	203
2003	70.4	64.2	77	490	100.6	88.7	113.6	282	50.6	43.9	58	208
2004	84	77.2	91.1	594	125.9	112.4	140.5	350	58	50.9	65.9	244
2005	90.2	83.2	97.5	649	127.3	113.9	141.7	367	66.5	58.9	74.8	282
2006	79.2	72.7	86.1	583	107.6	95.4	120.8	322	60.8	53.6	68.8	261

CANCER IN TENNESSEE: 2002-2006

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
OTHERS												
2002-2006	67.3	55.5	80.7	157	91.6	69.3	117.8	87	51.2	38.4	66.5	70
2002	42.1	23.4	68.6	19	^	^	^	^	^	^	^	^
2003	54.1	33.7	81.5	28	78.2	38.8	136.9	17	37.8	17.8	69.6	11
2004	45.1	26.6	70.3	24	73.8	34.9	132.4	14	27.1	12	52.6	10
2005	82.6	53.5	119.8	37	91.3	46.5	156	18	74.2	40.4	121.3	19
2006	104.1	72.7	142.8	49	138.9	79.1	219.8	25	83.9	50.4	128.9	24

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 8. Age-Specific Lung & Bronchus Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the Five-Year Period 2002-2006

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
0	0	0	0	0	0	0	0	0	0	0	0	0
01-04	0	0	0	0	0	0	0	0	0	0	0	0
05-09	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	^	^	^	^	^	^	^	^	0	0	0	0
20-24	^	^	^	^	0	0	0	0	^	^	^	^
25-29	^	^	^	^	^	^	^	^	^	^	^	^
30-34	1.3	0.9	1.9	27	^	^	^	^	^	^	^	^
35-39	6.1	5.1	7.3	131	5.7	4.3	7.3	60	6.6	5.2	8.3	71
40-44	19.5	17.8	21.4	444	19.9	17.3	22.6	222	19.2	16.8	21.9	222
45-49	44.6	41.8	47.4	996	50.9	46.7	55.3	555	38.6	35	42.3	441
50-54	83.1	79.2	87.2	1,700	100.6	94.5	107.1	1,003	66.5	61.6	71.6	697
55-59	154.3	148.5	160.2	2,701	189.3	180.2	198.8	1,608	121.2	114.1	128.6	1,093
60-64	268.7	260.1	277.5	3,697	329.8	316.1	344	2,166	212.8	202.3	223.8	1,531
65-69	382.7	371.2	394.4	4,228	498	478.8	517.7	2,549	283.1	269.7	297	1,679
70-74	458.3	444.5	472.5	4,127	624.8	600.4	650	2,472	327.9	312.3	344	1,655
75-79	481.1	465.3	497.3	3,503	713.7	683.5	744.9	2,096	323.8	307.1	341.2	1,407
80-84	423.4	405.9	441.6	2,191	701.6	663.6	741.1	1,278	272.3	254.9	290.6	913
85+	225.9	212.3	240.1	1,027	453.3	416.1	492.8	548	143.5	130.9	157	479

Note: ^-- Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 9. Age-Adjusted Lung & Bronchus Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	80.3	79.3	81.3	24,787	109.9	108.1	111.8	14,582	59.2	58.1	60.4	10,205
Anderson	78.2	70.3	86.7	369	95.6	82.3	110.5	189	67.9	58.2	78.9	180
Bedford	87.1	74.7	101	177	113	91.6	137.8	101	68.2	53.7	85.6	76
Benton	110.4	91.9	132	129	145.6	114.3	183.6	78	80.3	59.6	107	51
Bledsoe	60.3	42.6	83	40	100.6	63.7	149.8	28	33	17	59	12
Blount	74.4	68	81.3	495	102	90.4	114.6	293	55	47.6	63.2	202
Bradley	68.1	60.9	75.9	331	94.1	81.2	108.5	202	48.6	40.5	57.8	129
Campbell	115.6	102.5	130	290	168.3	144.1	195.5	187	76.6	62.3	93.4	103
Cannon	76.9	58.3	99.8	58	96.9	66.1	137.3	33	61.4	39.6	91.5	25
Carroll	105.8	91.4	121.9	198	142.6	117.8	171.4	117	79.4	62.7	99.6	81
Carter	64.7	56.6	73.8	228	92.1	77.2	109.1	140	45.5	36.4	56.3	88
Cheatham	96.7	81.5	113.7	152	146.7	118.1	179.8	102	57.1	42.2	75.6	50
Chester	40.1	27.7	56.2	34	39.9	22.3	66.1	15	41	24.6	64.5	19
Claiborne	118.2	102.8	135.3	216	160.1	133.4	190.8	133	84.8	67.4	105.5	83
Clay	79	56.6	108.1	42	88.2	53.7	137.9	21	73.7	45.4	115.1	21
Cocke	84.7	72.6	98.4	179	106.3	85.8	130.3	101	69	54.5	86.5	78
Coffee	83.2	73.2	94.4	248	110.1	92.4	130.2	142	63.6	52	77.2	106
Crockett	77.2	59.6	98.7	66	104.4	74.3	142.8	40	56.4	36.6	83.6	26
Cumberland	79	70.3	88.7	318	93	79.6	108.5	182	66.6	55.4	79.6	136
Davidson	84.1	80.6	87.6	2,238	110.3	104.1	116.9	1,208	66.7	62.7	70.9	1,030
Decatur	90	70.3	114	73	114	81.3	156.5	41	74.2	50.1	107.1	32
DeKalb	93.9	76.1	114.7	98	139.9	106.8	180	63	61	42.4	85.6	35
Dickson	92.3	80.2	105.7	212	119.3	98.3	143.4	121	73.8	59.4	90.7	91
Dyer	79.6	67.8	92.9	163	114.3	92.5	139.5	100	55.4	42.4	71.1	63
Fayette	35.3	27	45.3	63	42.6	29.3	59.8	35	29.4	19.5	42.8	28
Fentress	108.7	89.6	131	116	143.5	110.3	183.8	68	83.8	61.6	112.2	48
Franklin	65.1	55.3	76.3	158	86.8	69.6	107.2	91	50.7	39.2	64.8	67
Gibson	87.4	77.1	98.8	263	129.8	110.9	151.1	169	55.6	44.7	68.6	94
Giles	75	62.8	89.1	134	92	71.7	116.4	74	60.6	46.1	78.6	60
Grainger	104.6	87	124.8	130	145.6	112.9	184.6	77	76.9	57.4	101.3	53
Greene	98.3	88.8	108.6	395	138.3	121.1	157.5	243	68.5	57.9	80.5	152
Grundy	80.5	62.6	102.1	70	118.4	86.4	158.7	47	50.5	31.8	76.8	23
Hamblen	89	79.2	99.7	304	122.7	104.7	142.8	177	66.1	55	79	127

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County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamilton	84.3	80.1	88.8	1,492	116.2	108.5	124.4	866	62.2	57.4	67.3	626
Hancock	67.3	44.2	98.9	27	97.1	55.7	157.8	17	49.4	23.3	93	10
Hardeman	70.4	57.3	85.6	101	95.3	73	122.1	63	49.7	35.1	68.6	38
Hardin	76.3	63.7	91	130	105.6	83.1	132.5	80	55.2	40.9	73.5	50
Hawkins	64.1	55.6	73.5	209	99.3	82.8	118.2	137	39.3	30.7	49.8	72
Haywood	60.9	46.7	78	63	108.5	79.4	144.8	47	26.3	15	43.1	16
Henderson	87.3	72.9	103.9	130	128.4	101.2	160.7	80	60.3	44.7	79.9	50
Henry	85.1	73.2	98.4	187	128.5	106.4	154.1	123	54.4	41.7	70.2	64
Hickman	101.2	83.8	121.1	121	144.3	112.8	181.8	77	69	50	93.1	44
Houston	88.3	64.8	118.4	47	132.4	90.3	188.7	32	52.1	29	88.4	15
Humphreys	112.2	93.4	134.1	126	158.8	125.4	198.6	81	73.6	53.5	99.5	45
Jackson	84.5	64.3	109.5	60	129.6	92.1	177.9	42	47.6	28.1	76.9	18
Jefferson	95.7	84.2	108.3	259	123.3	103.8	145.4	153	73.8	60.3	89.6	106
Johnson	67.6	53.3	85	78	79	57.4	106.5	46	56.9	38.6	81.8	32
Knox	84.7	80.8	88.7	1,786	116.5	109.3	124	1,031	63	58.5	67.7	755
Lake	104.5	75.3	141.8	42	151.5	100.3	219.8	28	70.7	37.9	122.4	14
Lauderdale	83.7	68.8	100.9	111	112.6	86.6	143.7	66	61.7	44.9	82.9	45
Lawrence	91.9	80	105.1	216	129.4	107.9	154	131	65.9	52.5	81.8	85
Lewis	87.5	65.9	114.2	56	123	83.9	173.9	34	62.3	38.9	95.4	22
Lincoln	56.2	46.2	67.9	111	84.7	66.5	106.6	76	33.4	23.1	46.9	35
Loudon	88.3	77.7	100.1	258	113.6	95.3	134.6	150	70.2	57.4	85.4	108
McMinn	75	65.5	85.5	227	105.4	88.2	125	139	53	42.4	65.5	88
McNairy	79	65.7	94.2	128	118.4	94.6	146.7	88	46.5	33.1	64	40
Macon	84.4	68.1	103.4	95	132.7	101.3	170.5	65	50.2	33.7	72	30
Madison	74.8	67.1	83.1	346	108.6	94.3	124.5	210	51.4	43.1	60.9	136
Marion	87.5	73.7	103.3	146	121.9	96.8	151.5	91	60.5	45.5	79.4	55
Marshall	89.6	74.7	106.5	130	128.9	101.8	160.9	81	60.1	44.4	79.8	49
Mauzy	87.2	78	97.3	326	118.3	101.4	137.2	184	67.2	56.6	79.3	142
Meigs	78.4	58	104	51	92.9	61.6	135.5	30	63.7	39.2	98.4	21
Monroe	86.3	74.8	99	207	128	107.1	151.9	138	52.6	40.8	66.9	69
Montgomery	77.9	70.4	85.9	405	109.1	95.1	124.5	241	56.6	48.3	66	164
Moore	32.6	16.8	58.2	12	^	^	^	^	^	^	^	^
Morgan	113.8	94.5	136.1	124	160.3	125.9	201.2	80	77.9	56.5	105.2	44
Obion	87	74.4	101.1	173	126.3	103.6	152.8	111	56.5	43.2	72.8	62
Overton	95.3	79.1	114.1	123	138.4	109.6	173	82	59	42.2	80.9	41
Perry	108.8	81.4	143.1	54	138.5	93.1	199.4	31	84.4	53.1	129.5	23
Pickett	76.6	51.4	112.1	30	^	^	^	^	^	^	^	^

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County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Polk	82.9	65.7	103.6	81	114.4	84.2	152.1	51	57.2	38.4	82.6	30
Putnam	103.3	93	114.6	366	146.1	127.5	166.6	227	71.3	59.9	84.5	139
Rhea	102.6	88	119.1	178	157	129.1	189.2	118	62.7	47.6	81.2	60
Roane	100.1	89.8	111.4	350	138.3	119.9	158.9	214	73.4	61.4	87.2	136
Robertson	79.6	69.4	90.8	225	102.9	85.7	122.5	132	60.3	48.6	73.9	93
Rutherford	80.4	73.9	87.2	605	101.4	90.2	113.5	333	65.5	57.9	73.9	272
Scott	97.6	80.1	117.9	111	133	101.8	170.5	67	71.9	52.1	96.9	44
Sequatchie	63.9	46.1	86.5	43	99.5	66	144	30	36.8	19.5	63.5	13
Sevier	86.5	78.1	95.7	395	106.9	92.5	123	217	72.5	62.1	84.1	178
Shelby	65.7	63.2	68.3	2,581	87.9	83.2	92.7	1,404	51.4	48.5	54.4	1,177
Smith	71.6	55.8	90.5	71	100	72.4	134.7	45	49.4	32.2	72.8	26
Stewart	76.4	58.2	98.9	60	96.8	67.2	135.6	36	58.6	37.3	88.4	24
Sullivan	87	81.3	93	877	117.6	107.4	128.6	503	65.8	59.2	73	374
Sumner	77.8	71.3	84.7	543	103.6	91.8	116.4	312	59.5	52	67.8	231
Tipton	80.6	69.7	92.7	202	108.1	88.7	130.4	118	59.9	47.7	74.3	84
Trousdale	92.5	66.2	126.2	41	120.7	76.5	181.9	24	69.1	40	112.7	17
Unicoi	64	50.6	80.3	79	112.3	85	146.1	59	30.6	18.5	48.8	20
Union	94.6	76	116.4	93	125.6	92.9	166.1	56	71	49.9	98.4	37
Van Buren	72.6	46.3	109.4	24	^	^	^	^	^	^	^	^
Warren	75.7	64.7	88.2	168	106.1	86.5	129	104	52.8	40.6	67.7	64
Washington	76.7	70	83.9	485	109.7	97.5	123	303	51.9	44.6	60.1	182
Wayne	72.6	56.6	91.9	71	102.6	73.7	138.8	44	51	33.5	75.5	27
Weakley	71.6	59.9	84.9	134	101.6	80.6	126.4	82	51.4	38.2	67.9	52
White	104.6	88.6	122.9	154	162.9	132.4	198.5	105	61.8	45.6	82.4	49
Williamson	63.1	56.5	70.2	362	89.4	76.3	103.9	210	48	40.6	56.5	152
Wilson	65.6	58.2	73.7	301	92.4	78.7	107.8	186	46.4	38.2	55.8	115

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County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	80.5	79.5	81.6	21,833	109.7	107.8	111.7	12,896	59.6	58.4	60.9	8,937
Anderson	77.5	69.5	86.1	353	94.9	81.4	110	181	67.2	57.4	78.4	172
Bedford	87.6	74.6	102.2	163	115.7	93	142.1	94	67.2	52.2	85.2	69
Benton	111	92.2	132.9	127	143.4	112.2	181.5	76	82.1	60.9	109.4	51
Bledsoe	59.6	41.9	82.4	39	97.1	60.9	145.7	27	33.6	17.3	60.1	12
Blount	74.5	68	81.6	481	101.9	90.2	114.7	285	55	47.5	63.4	196
Bradley	69.3	61.9	77.4	325	96.1	82.8	111	199	49.2	40.9	58.7	126
Campbell	115.2	102.1	129.6	287	167.3	143.1	194.5	185	76.5	62.1	93.4	102
Cannon	73.5	55.1	96.3	54	87.7	58.2	127.1	29	62.7	40.5	93.5	25
Carroll	103.8	88.9	120.8	176	137.2	111.7	167.2	102	81	63.2	102.8	74
Carter	64.8	56.6	74	226	92.9	77.9	110.1	140	44.8	35.8	55.6	86
Cheatham	96.4	81.1	113.7	148	146.5	117.5	180.1	99	57.2	42.1	75.8	49
Chester	42.2	29	59.5	33	40.5	22	68.3	14	44.3	26.7	70	19
Claiborne	118	102.5	135.2	213	159.9	133	190.8	131	84.6	67.2	105.4	82
Clay	78.1	55.7	107.5	41	83.7	50.3	132.7	20	75.1	46.2	117.3	21
Cocke	85.6	73.3	99.5	177	106.5	85.8	130.9	99	70.6	55.7	88.6	78
Coffee	83.7	73.5	95	242	110.9	92.9	131.4	139	63.6	51.8	77.5	103
Crockett	73.1	54.9	95.7	55	109.1	76.5	151.4	37	45.8	26.8	73.8	18
Cumberland	78.5	69.8	88.2	315	92.8	79.4	108.3	181	66	54.8	79	134
Davidson	84.9	81	88.9	1,788	112.3	105.3	119.7	981	66.4	61.9	71.2	807
Decatur	88.8	69	113.1	70	114.6	81.3	158	40	71.8	47.8	105	30
DeKalb	93.7	75.8	114.7	96	138.6	105.2	179	61	62	43.1	87	35
Dickson	91.1	78.8	104.7	201	119.3	97.8	144	116	71.8	57.3	88.9	85
Dyer	77.5	65.3	91.4	145	112	89.7	138.3	90	53.1	39.9	69.6	55
Fayette	34	24.6	46.1	44	29.1	16.8	47.1	18	38.8	25.2	57.6	26
Fentress	108.3	89.2	130.6	115	142.5	109.2	182.9	67	84.1	61.8	112.6	48
Franklin	65.6	55.5	77.1	151	86.1	68.7	106.8	87	51.4	39.5	66.1	64
Gibson	90.1	78.8	102.8	231	129.6	109.3	152.9	144	60.6	48.3	75.5	87
Giles	75.5	62.5	90.6	120	94.3	72.4	120.9	67	59.7	44.6	78.9	53
Grainger	105.5	87.8	125.9	130	146.9	113.9	186.4	77	77.6	58	102.2	53
Greene	99.5	89.9	110	393	140.1	122.5	159.5	242	69.2	58.5	81.5	151
Grundy	81.2	63.1	103	70	119.4	87.1	160	47	50.9	32.1	77.4	23
Hamblen	89.5	79.4	100.5	293	124.2	105.8	144.9	172	66	54.6	79.1	121
Hamilton	82.4	77.8	87.2	1,221	113	104.7	121.8	707	61.3	56.1	66.9	514
Hancock	68	44.6	99.9	27	98.5	56.5	160.1	17	49.7	23.5	93.7	10
Hardeman	71.1	55.9	89.6	75	90	65.4	121.5	45	55.8	37.3	81.2	30
Hardin	76	63.1	90.9	125	105.6	82.8	132.9	78	53.9	39.5	72.5	47
Hawkins	64.4	55.8	74	206	100	83.2	119.2	135	39.6	30.9	50.2	71
Haywood	63.6	45.2	87.7	39	111.5	73.9	162.1	29	28	13.3	54.1	10

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henderson	89.4	74.3	106.7	124	129.1	101.1	162.4	76	62.4	45.9	83.2	48
Henry	82.4	70.3	96.2	168	123.8	101.3	150.1	111	53.2	40.1	69.8	57
Hickman	100.3	82.8	120.5	116	142.2	110.3	180.2	73	69.5	50.2	94.1	43
Houston	89.4	65.3	120.2	46	132.6	89.8	190	31	53.9	30.1	91.6	15
Humphreys	112.7	93.5	134.9	123	159.3	125.5	199.9	79	74.4	53.9	100.9	44
Jackson	85.1	64.8	110.3	60	130.7	93	179.4	42	47.8	28.2	77.3	18
Jefferson	95	83.4	107.7	251	122.6	102.9	144.9	149	73.1	59.5	89.1	102
Johnson	68.6	54.1	86.3	78	80.4	58.5	108.5	46	57.4	39	82.5	32
Knox	84.5	80.5	88.7	1,653	115.4	108.1	123.1	952	63.3	58.7	68.2	701
Lake	108.5	75.7	151.9	36	151.4	95.4	229.8	23	78	40.4	140	13
Lauderdale	88.2	70.6	108.9	89	121.6	90.9	159.5	55	62.2	42.8	87.9	34
Lawrence	92.6	80.5	106	214	129.3	107.6	154	129	67.1	53.5	83.3	85
Lewis	88.7	66.8	115.8	56	124.7	85	176.3	34	63.3	39.5	97	22
Lincoln	51.7	41.8	63.4	95	80.4	62.1	102.8	67	29	19.2	42.5	28
Loudon	88.7	78	100.6	256	114.7	96.3	136	150	70.2	57.2	85.5	106
McMinn	74.2	64.6	84.9	216	104.5	87.1	124.4	133	52	41.4	64.8	83
McNairy	79.9	66.2	95.7	123	117.4	93.1	146.5	83	49	34.8	67.6	40
Macon	85	68.6	104.1	95	133.5	102	171.6	65	50.6	34	72.6	30
Madison	73.2	64.5	82.7	261	107.3	91.3	125.3	164	47.9	38.7	58.7	97
Marion	89	74.7	105.4	142	122.9	97.2	153.6	88	62.4	46.8	82.1	54
Marshall	89.6	74.2	107.3	120	128.3	100.3	161.6	75	60.1	43.7	80.7	45
Maury	89	79	99.9	291	115	97.3	134.9	158	72.6	60.7	86.1	133
Meigs	78.5	57.9	104.4	50	91.9	60.5	134.8	29	64.8	39.9	100.1	21
Monroe	85.6	74	98.5	200	125.6	104.6	149.6	132	53.4	41.4	68	68
Montgomery	76.5	68.5	85.2	337	99.2	85.2	114.8	193	60.1	50.6	70.7	144
Moore	^	^	^	^	^	^	^	^	^	^	^	^
Morgan	111.8	92.6	134	121	158.5	124.1	199.5	78	76.6	55.3	103.8	43
Obion	86.4	73.4	101.2	159	122.8	99.6	150.1	100	58.4	44.4	75.9	59
Overton	96	79.6	114.9	123	139.5	110.4	174.3	82	59.4	42.4	81.4	41
Perry	110.8	82.9	145.8	54	141.1	94.9	203.1	31	85.8	54	131.9	23
Pickett	74.4	49.5	109.6	29	^	^	^	^	^	^	^	^
Polk	83.4	66	104.1	81	114.9	84.6	152.8	51	57.5	38.7	83.1	30
Putnam	104.2	93.7	115.6	362	147.7	128.8	168.5	225	71.9	60.2	85.2	137
Rhea	100.9	86.2	117.4	171	153.4	125.5	185.6	113	62.3	47.1	81.1	58
Roane	101.1	90.6	112.6	343	139.3	120.6	160.2	210	74.2	62	88.4	133
Robertson	78.6	68.1	90.3	204	101.9	84	122.4	120	59.4	47.4	73.7	84
Rutherford	78.4	71.8	85.5	536	99.7	88	112.3	296	63.5	55.6	72.1	240
Scott	97.6	80	117.9	110	132.1	101	169.7	66	72.5	52.6	97.7	44
Sequatchie	64.3	46.4	87.1	43	99.9	66.3	144.5	30	37	19.6	64	13

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sevier	86.6	78.1	95.7	391	107.4	92.9	123.6	216	72.1	61.7	83.8	175
Shelby	61	57.9	64.3	1,417	80	74.3	86	762	48.8	45.1	52.8	655
Smith	69.6	53.8	88.6	67	98.8	70.9	133.9	43	46.9	30	70.2	24
Stewart	78.4	59.7	101.6	60	98.8	68.6	138.4	36	60.2	38.4	91	24
Sullivan	87.2	81.4	93.3	863	117.9	107.6	129	496	65.8	59.2	73	367
Sumner	78.2	71.5	85.3	519	103	91	116	297	60.1	52.4	68.6	222
Tipton	81.3	69.3	94.7	170	105	84.3	129.2	98	62.9	49.1	79.5	72
Trousdale	98.4	69.3	136	38	127.2	78.4	195.4	22	76.3	43.3	126	16
Unicoi	64.2	50.8	80.6	79	112.6	85.2	146.4	59	30.7	18.6	49	20
Union	95.1	76.4	117	93	126.6	93.6	167.5	56	71.3	50.1	98.8	37
Van Buren	73.2	46.7	110.3	24	^	^	^	^	^	^	^	^
Warren	74.4	63.3	87	160	102.6	83.1	125.5	98	52.6	40.2	67.7	62
Washington	77.5	70.7	84.9	474	110.5	98.2	124.1	296	52.6	45.1	61.1	178
Wayne	72.8	56.6	92.4	70	105.1	75.6	142.4	44	49.7	32.4	74.1	26
Weakley	71.5	59.5	85.3	127	100.3	79	125.7	77	52.4	38.7	69.7	50
White	104	87.9	122.3	150	162.2	131.6	198	103	60.3	44.2	81	47
Williamson	58.6	52	65.7	313	83.7	70.5	98.4	182	44.5	37.1	53	131
Wilson	64.3	56.7	72.5	276	88.8	74.9	104.5	168	46.8	38.2	56.6	108

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	79.1	76.1	82.1	2,797	112.5	106.8	118.4	1,599	57.5	54.2	60.9	1,198
Anderson	109.2	57.6	185.7	13	^	^	^	^	^	^	^	^
Bedford	82.9	45.2	139.3	14	^	^	^	^	^	^	^	^
Benton	^	^	^	^	^	^	^	^	0	0	0	0
Bledsoe	^	^	^	^	^	^	^	^	0	0	0	0
Blount	59.4	28.3	110.2	10	^	^	^	^	^	^	^	^
Bradley	^	^	^	^	^	^	^	^	^	^	^	^
Campbell	^	^	^	^	^	^	^	^	0	0	0	0
Cannon	^	^	^	^	^	^	^	^	0	0	0	0
Carroll	128.2	79.3	196.5	21	^	^	^	^	^	^	^	^
Carter	^	^	^	^	0	0	0	0	^	^	^	^
Cheatham	^	^	^	^	^	^	^	^	^	^	^	^
Chester	^	^	^	^	^	^	^	^	0	0	0	0
Claiborne	^	^	^	^	^	^	^	^	0	0	0	0
Clay	^	^	^	^	^	^	^	^	0	0	0	0
Cocke	^	^	^	^	^	^	^	^	0	0	0	0
Coffee	^	^	^	^	^	^	^	^	^	^	^	^
Crockett	^	^	^	^	^	^	^	^	^	^	^	^
Cumberland	^	^	^	^	^	^	^	^	0	0	0	0
Davidson	86.3	78.2	95	433	109	94.1	125.4	218	72.1	62.6	82.5	215
Decatur	^	^	^	^	^	^	^	^	0	0	0	0
DeKalb	^	^	^	^	^	^	^	^	0	0	0	0
Dickson	135.1	65.6	242.7	11	^	^	^	^	^	^	^	^
Dyer	98.9	56.4	158.7	17	^	^	^	^	^	^	^	^
Fayette	36	21.3	56.9	18	^	^	^	^	^	^	^	^
Fentress	^	^	^	^	^	^	^	^	0	0	0	0
Franklin	^	^	^	^	^	^	^	^	^	^	^	^
Gibson	66.3	45	94.2	31	^	^	^	^	^	^	^	^
Giles	66.5	35.2	115.2	13	^	^	^	^	^	^	^	^
Grainger	0	0	0	0	0	0	0	0	0	0	0	0
Greene	0	0	0	0	0	0	0	0	0	0	0	0
Grundy	0	0	0	0	0	0	0	0	0	0	0	0
Hamblen	77.8	36.9	144	10	^	^	^	^	^	^	^	^
Hamilton	95.1	83.8	107.4	263	134.8	113.7	158.7	153	67.6	55.5	81.5	110
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	66.4	42.9	97.3	26	^	^	^	^	^	^	^	^
Hardin	^	^	^	^	^	^	^	^	^	^	^	^
Hawkins	^	^	^	^	^	^	^	^	0	0	0	0
Haywood	56.9	36.2	84.6	24	^	^	^	^	^	^	^	^
Henderson	^	^	^	^	^	^	^	^	^	^	^	^
Henry	122.2	72.3	193.8	18	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Hickman	^	^	^	^	^	^	^	^	^	^	^	^
Houston	0	0	0	0	0	0	0	0	0	0	0	0
Humphreys	^	^	^	^	^	^	^	^	^	^	^	^
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	168.3	72.6	328.2	8	^	^	^	^	^	^	^	^
Johnson	0	0	0	0	0	0	0	0	0	0	0	0
Knox	87.1	71.8	104.6	116	133	101.8	170	68	59.4	43.7	78.8	48
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Sevier	^	^	^	^	^	^	^	^	0	0	0	0
Shelby	71.4	67.2	75.8	1,131	98.4	90.3	107	619	54.4	49.7	59.4	512
Smith	^	^	^	^	^	^	^	^	^	^	^	^
Stewart	0	0	0	0	0	0	0	0	0	0	0	0
Sullivan	80.7	41.5	141.4	12	^	^	^	^	^	^	^	^
Sumner	81.3	51.5	120.7	24	^	^	^	^	^	^	^	^
Tipton	73.3	49.6	103.9	31	116.6	68.5	183.1	19	46.9	24.1	81.8	12
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0
Warren	^	^	^	^	^	^	^	^	^	^	^	^
Washington	^	^	^	^	^	^	^	^	^	^	^	^
Wayne	^	^	^	^	0	0	0	0	^	^	^	^
Weakley	^	^	^	^	^	^	^	^	^	^	^	^
White	^	^	^	^	^	^	^	^	^	^	^	^
Williamson	149.1	107.9	200.4	46	211.3	136	311.1	27	108.5	64.1	171.3	19
Wilson	85.4	53.3	129.2	23	^	^	^	^	^	^	^	^

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. Counts for the counties may not add up to Tennessee total count due to records with a missing value for county. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 10. Age-Adjusted Lung & Bronchus Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	68.7	67.8	69.6	20,999	99.4	97.7	101.2	12,754	47.4	46.3	48.4	8,245
2002	69.3	67.2	71.5	4,072	102.9	98.8	107.1	2,521	46.2	43.9	48.5	1,551
2003	67.5	65.5	69.7	4,040	97.9	93.9	102	2,442	46.8	44.5	49.2	1,598
2004	68.2	66.2	70.4	4,164	99.3	95.4	103.3	2,547	46.7	44.4	49	1,617
2005	70	67.9	72.1	4,365	99.5	95.7	103.5	2,622	49.2	46.9	51.6	1,743
2006	68.3	66.3	70.4	4,358	97.7	93.9	101.7	2,622	47.8	45.6	50.1	1,736
WHITES												
2002-2006	68.3	67.3	69.3	18,373	98	96.2	99.9	11,155	47.5	46.4	48.6	7,218
2002	69.1	66.9	71.4	3,578	101.6	97.3	106.1	2,207	46.7	44.2	49.2	1,371
2003	67.3	65.1	69.5	3,549	96.5	92.3	100.8	2,137	47.3	44.8	49.8	1,412
2004	67.8	65.6	70.1	3,643	97.3	93.2	101.6	2,217	47.2	44.8	49.7	1,426
2005	69.2	67	71.4	3,791	98	93.9	102.2	2,288	48.7	46.3	51.3	1,503
2006	68	65.8	70.2	3,812	96.9	92.9	101.1	2,306	47.6	45.2	50.1	1,506
BLACKS												
2002-2006	74.4	71.5	77.4	2,560	115.1	109.2	121.2	1,564	48.5	45.5	51.6	996
2002	72.7	66.3	79.6	481	117.4	104.2	131.8	307	43.6	37.3	50.6	174
2003	71.9	65.5	78.7	484	113.9	100.8	128.2	301	45.4	39	52.5	183
2004	74	67.6	80.9	505	119.4	106	133.8	321	45.1	38.7	52.1	184
2005	79.5	72.9	86.6	558	116.4	103.4	130.5	325	56.1	49	63.8	233
2006	73.9	67.6	80.6	532	108.8	96.2	122.4	310	52.2	45.4	59.6	222

CANCER IN TENNESSEE: 2002-2006

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
OTHERS												
2002-2006	27.9	20.4	37	65	34.5	21.3	51.8	34	23.4	14.9	34.4	31
2002	32.6	15.4	58.6	13	^	^	^	^	^	^	^	^
2003	^	^	^	^	^	^	^	^	^	^	^	^
2004	35.5	18.2	60.6	16	^	^	^	^	^	^	^	^
2005	24.2	12.1	42.6	16	^	^	^	^	^	^	^	^
2006	30.4	13.8	55.3	13	^	^	^	^	^	^	^	^

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander. Totals for each race may not add up to Tennessee total county due to records with missing race. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 11. Age-Specific Lung & Bronchus Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the 5-Year Period 2002-2006.

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
0	0	0	0	0	0	0	0	0	0	0	0	0
01-04	0	0	0	0	0	0	0	0	0	0	0	0
05-09	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	^	^	^	^	0	0	0	0	^	^	^	^
25-29	^	^	^	^	^	^	^	^	^	^	^	^
30-34	0.5	0.2	0.9	10	^	^	^	^	^	^	^	^
35-39	3.1	2.4	3.9	66	3.3	2.3	4.6	35	2.9	2	4.1	31
40-44	12.5	11.1	14	284	12.8	10.8	15.1	143	12.2	10.3	14.4	141
45-49	31.1	28.8	33.5	694	38.7	35.1	42.6	422	23.8	21	26.8	272
50-54	58.9	55.6	62.3	1,204	75.5	70.2	81	752	43.1	39.2	47.3	452
55-59	115.5	110.6	120.7	2,023	151	142.9	159.5	1,283	82.1	76.3	88.2	740
60-64	199.6	192.2	207.2	2,747	257.9	245.8	270.5	1,694	146.4	137.7	155.5	1,053
65-69	302.8	292.7	313.3	3,346	399.7	382.6	417.4	2,046	219.2	207.4	231.5	1,300
70-74	385.5	372.8	398.5	3,471	554.3	531.3	578	2,193	253.2	239.5	267.4	1,278
75-79	459.4	443.9	475.2	3,345	706.9	676.8	738	2,076	292	276.2	308.6	1,269
80-84	455.5	437.3	474.3	2,357	748.3	709.1	789.1	1,363	296.5	278.3	315.5	994
85+	318.5	302.3	335.3	1,448	611.2	567.9	656.9	739	212.4	197.1	228.6	709

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 12. Age-Adjusted Lung & Bronchus Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	68.7	67.8	69.6	20,999	99.4	97.7	101.2	12,754	47.4	46.3	48.4	8,245
Anderson	70.1	62.7	78.2	330	90.4	77.4	104.9	177	56.4	47.7	66.4	153
Bedford	75.6	64	88.7	152	111.1	89.2	136.5	94	50.4	38.2	65.4	58
Benton	73.6	58.8	91.5	87	106.9	80.5	139.9	58	47.7	31.6	70	29
Bledsoe	55.3	38.3	77.2	36	84	52	127.6	24	33.5	17.2	60	12
Blount	60.1	54.3	66.4	397	90.9	80	103	259	37.3	31.3	44.2	138
Bradley	61.1	54.2	68.6	292	91.9	78.7	106.6	187	39.1	32	47.5	105
Campbell	97.9	86	111.1	249	153	129.3	179.9	164	61.1	48.7	76.1	85
Cannon	61.5	44.7	82.6	45	80.7	51.5	120.3	25	48.8	29.7	76.2	20
Carroll	83.9	71.2	98.3	158	131	107.1	158.8	107	47.9	35.3	64	51
Carter	67.2	58.8	76.5	234	99.9	84.2	117.8	148	43.8	34.9	54.4	86
Cheatham	92.6	77.8	109.3	147	133.1	105.7	165	92	61.7	46.3	80.6	55
Chester	49.5	35.6	67.1	42	66.5	42.4	99.2	24	37.8	22.3	60.5	18
Claiborne	94.9	81.1	110.6	170	138.6	112.7	168.7	107	62.7	48.1	80.7	63
Clay	76.2	54.4	104.8	41	89.5	55.7	138.3	23	64.8	38.2	104.6	18
Cocke	74.7	63.2	87.8	153	103.3	82.4	127.9	92	54.6	41.7	70.5	61
Coffee	67.6	58.5	77.7	201	92.1	76.1	110.5	119	48	38.1	59.9	82
Crockett	61.1	45.8	80.2	54	96.2	67.5	133.3	37	34.9	20.1	57.3	17
Cumberland	57.5	50.1	65.8	232	73.4	61.6	87.3	143	43.1	34.3	53.9	89
Davidson	69.6	66.5	72.9	1,840	98.9	92.9	105.2	1,047	50.2	46.7	53.8	793
Decatur	89.1	69.9	112.6	74	129.2	94.1	174.1	46	60.1	39.6	89.2	28
DeKalb	79.5	63.4	98.8	84	119.2	88.2	157.4	52	54.5	37.2	77.8	32
Dickson	73.6	62.7	85.8	165	97.6	77.7	120.7	91	59.2	46.5	74.5	74
Dyer	76.3	64.7	89.4	155	115.7	93.6	141.4	99	48.7	36.6	63.5	56
Fayette	58.6	47.6	71.3	101	86.8	66.3	111.4	65	37.3	26.1	52	36
Fentress	88.6	71.1	109.3	91	143.7	109.2	185.6	63	47.7	31.6	70	28
Franklin	61.7	52.2	72.5	151	87.3	69.8	107.8	91	44.6	34	57.8	60
Gibson	77.6	67.9	88.3	235	117.5	99.5	137.9	152	47.6	37.7	59.5	83
Giles	77.3	64.9	91.6	138	107	84.5	133.7	83	56	42	73.4	55
Grainger	93.7	76.8	113.3	112	150.5	116.1	191.5	75	55.2	38.8	76.8	37
Greene	81.8	73.1	91.3	327	124.8	108.3	143.2	215	50.1	41.2	60.6	112
Grundy	65.6	49.3	85.7	55	98	68.3	136.3	37	42.5	24.9	68	18
Hamblen	83	73.4	93.5	278	124.1	105.5	145	170	55.9	45.8	67.7	108

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamilton	65.6	61.8	69.5	1,162	93.8	86.7	101.3	680	46.9	42.8	51.4	482
Hancock	76.8	52.4	109.3	32	113.2	68	177.7	20	53.3	27.5	95.7	12
Hardeman	76.8	63	92.6	110	115.8	90.6	145.7	74	45.1	31.5	62.9	36
Hardin	71.4	59.2	85.5	123	104.6	81.8	131.9	77	49.3	36	66.5	46
Hawkins	68.9	60	78.8	221	108.7	91.4	128.3	150	40.1	31.3	50.9	71
Haywood	67.9	52.9	85.9	70	117.5	86.6	155.7	49	34.6	21.4	53.4	21
Henderson	92.2	77.3	109.2	136	144	115	178	89	55.9	41	74.7	47
Henry	82.3	70.7	95.5	181	122.5	100.6	148.1	113	56.6	43.7	72.5	68
Hickman	83.5	67.8	101.7	100	144	110.9	183.3	72	43.2	28.6	62.9	28
Houston	84.9	61.8	114.6	45	134.4	91.5	191.6	32	45.5	23.9	80.7	13
Humphreys	91.1	74.3	110.9	103	113.2	84.7	148.4	56	76	55.8	101.9	47
Jackson	79.6	60	104.2	56	133.1	93.1	184.7	40	42.3	24	70.6	16
Jefferson	69.9	60.1	80.8	187	98.8	80.8	119.6	115	49.4	38.6	62.6	72
Johnson	72.4	57.3	90.7	80	94.4	69.4	125.8	49	54.3	36.6	78.5	31
Knox	64.2	60.8	67.8	1,345	89.2	82.8	96	759	48	44.2	52.1	586
Lake	126	93.8	166.2	51	185.6	126.7	262	33	88.2	51.5	143.4	18
Lauderdale	83.5	68.6	100.7	111	121.5	93.6	154.8	67	58.1	42	78.5	44
Lawrence	81.5	70.3	94	191	124.3	102.6	149.1	120	54.7	42.6	69.4	71
Lewis	82.9	62	108.6	54	110.8	75.9	156.6	34	56	34.1	87.5	20
Lincoln	73.7	62.2	86.8	147	121.2	99	147.2	106	35.9	25.7	49.3	41
Loudon	65.2	56.1	75.5	188	88.9	72.5	108	113	47.9	37.6	60.7	75
McMinn	72.9	63.5	83.3	220	121.9	102.4	143.9	149	41.7	32.5	52.8	71
McNairy	76.4	63.3	91.7	121	112.2	88.2	141	78	50.7	36.4	69.1	43
Macon	73.9	58.6	91.9	82	118.6	87.8	156.4	54	46.9	31	68.2	28
Madison	61.8	54.8	69.4	287	94.3	80.9	109.2	182	39.2	32	47.6	105
Marion	80.7	67.2	96.2	130	106.5	81.9	136	73	63.3	47.8	82.4	57
Marshall	77.2	63.4	93.2	110	116.8	90.3	148.4	69	50.6	36.2	68.9	41
Mauzy	76.3	67.7	85.8	283	105.4	89.4	123.5	161	57.3	47.6	68.5	122
Meigs	57.7	40.3	80.4	37	65.4	39.5	102.7	21	48.5	27.6	79.7	16
Monroe	68.5	58.2	80	161	103.9	84.6	126.3	106	42.5	31.9	55.6	55
Montgomery	73.6	66.2	81.5	373	108.1	93.7	124	228	51	43	60.1	145
Moore	55.2	33.6	86.4	20	^	^	^	^	^	^	^	^
Morgan	80.3	64.3	99.3	88	109.8	80.6	145.9	52	62.2	43.5	86.8	36
Obion	79.8	67.8	93.4	159	120.5	98	146.7	103	49.3	37.1	64.6	56
Overton	96.6	80.2	115.7	123	134.6	105.4	169.5	76	66.8	48.9	89.7	47
Perry	96.4	70.5	129.3	47	134.1	87.7	196.9	28	69.6	41.5	111.8	19
Pickett	60.8	38.2	93.9	23	69.2	34.4	128.2	12	56.1	27.7	106.6	11

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Polk	85.9	68.2	107	83	118.3	87.1	157.1	52	59	40	84.7	31
Putnam	72	63.5	81.5	257	96	81	112.9	149	54.7	44.8	66.2	108
Rhea	65.9	54.2	79.4	113	115.1	91.2	143.3	85	28.6	18.9	41.8	28
Roane	77.3	68.3	87.3	269	120.9	103.3	140.6	180	47.2	37.8	58.5	89
Robertson	75	65	86.1	206	106.2	87.9	127	127	51.4	40.6	64.1	79
Rutherford	67.1	61.2	73.5	492	88.8	78.2	100.4	282	51.7	44.9	59.3	210
Scott	88.5	71.8	107.9	100	112.4	84	147.1	56	70.8	51.3	95.5	44
Sequatchie	56.7	40.1	78	39	94.4	61.5	138.4	28	29.5	14.6	53.7	11
Sevier	65.1	57.7	73.2	291	83.2	70.4	97.7	165	51.4	42.7	61.3	126
Shelby	60.1	57.7	62.7	2,323	84.5	79.8	89.4	1,300	44.5	41.8	47.3	1,023
Smith	73.2	57.2	92.3	72	113.1	82.7	150.9	48	45.6	29.2	68.3	24
Stewart	83	63.6	106.6	63	106	74	147.6	37	62	40.4	92	26
Sullivan	71.9	66.8	77.4	724	103.3	93.6	113.7	435	50	44.3	56.3	289
Sumner	61.5	55.7	67.8	421	86.4	75.5	98.3	253	43.4	37	50.5	168
Tipton	80.6	69.5	92.9	196	120.7	99.7	144.7	126	50.9	39.6	64.3	70
Trousdale	100.3	72.7	135.5	44	141.7	92.1	208.5	27	66.9	38.5	109.6	17
Unicoi	56.4	43.9	71.8	70	98.5	72.7	130.9	50	29.2	17.6	46.7	20
Union	86.6	68.5	107.9	82	121.5	88.6	162.4	52	59.5	40	85.4	30
Van Buren	44.1	24.6	74.3	15	^	^	^	^	^	^	^	^
Warren	52.1	42.9	62.6	114	79.3	62.3	99.5	76	31.2	22	43.2	38
Washington	63	56.9	69.5	400	94.7	83.3	107.2	257	40.2	33.8	47.5	143
Wayne	57.7	43.4	75.4	55	90	62.8	124.8	37	33.8	20	54.8	18
Weakley	75.1	63.3	88.6	145	111.4	89.3	137.5	89	52.1	39.2	68.3	56
White	82.6	68.5	99	122	127.2	100	159.7	80	50.6	36.4	69.1	42
Williamson	50.5	44.4	57.1	266	75	62.9	88.6	163	34.9	28.4	42.4	103
Wilson	57.8	50.7	65.5	254	91.3	77.1	107.3	172	34.4	27.3	42.9	82

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	68.3	67.3	69.3	18,373	98	96.2	99.9	11,155	47.5	46.4	48.6	7,218
Anderson	70.6	63	78.9	321	90.9	77.7	105.8	172	56.8	47.9	67.1	149
Bedford	75	63	88.7	138	112.2	89.1	139.2	86	48.9	36.4	64.4	52
Benton	74	59.1	92.2	86	106.3	79.9	139.6	57	48.7	32.3	71.6	29
Bledsoe	55.1	38	77.4	35	83.2	51	127.4	23	34	17.5	60.9	12
Blount	60.6	54.7	67	389	91.6	80.4	103.8	254	37.5	31.4	44.5	135
Bradley	61.5	54.5	69.2	284	94.1	80.6	109.2	185	38	30.9	46.4	99
Campbell	97.8	85.9	111	247	153.2	129.4	180.2	163	60.9	48.4	75.9	84
Cannon	58.7	42.2	79.7	42	73.4	45.3	112.1	22	49.8	30.3	77.7	20
Carroll	81.9	68.7	97	140	128.4	103.7	157.6	95	46.4	33.4	63.3	45
Carter	66.9	58.5	76.2	231	99.5	83.7	117.4	146	43.5	34.7	54.1	85
Cheatham	93	77.9	110	144	132.2	104.5	164.5	89	63.4	47.5	82.8	55
Chester	51	36.4	69.7	40	66.2	41.3	100.5	22	41.1	24.2	65.9	18
Claiborne	95.5	81.5	111.3	169	138.9	112.8	169.3	106	63.6	48.8	81.8	63
Clay	77.5	55.3	106.6	41	91	56.6	140.7	23	66	39	106.7	18
Cocke	75.4	63.7	88.8	151	103.4	82.3	128.4	90	55.9	42.7	72.2	61
Coffee	67.8	58.6	78	196	92.3	76.1	111.1	116	48.5	38.4	60.6	80
Crockett	57.9	42.1	78.1	45	95.7	65.6	135.5	33	29.4	14.9	53	12
Cumberland	57.8	50.4	66.2	232	73.8	61.9	87.7	143	43.4	34.5	54.2	89
Davidson	68.8	65.3	72.5	1,448	98.5	91.9	105.5	837	48.8	45	52.9	611
Decatur	92	72.1	116.3	74	132.9	96.7	179.1	46	62.4	41.1	92.7	28
DeKalb	80	63.6	99.4	83	119.5	88.1	158.2	51	55.4	37.7	79	32
Dickson	73.3	62.2	85.8	158	97.5	77.2	121.3	87	59.2	46.2	74.9	71
Dyer	73.7	61.8	87.3	137	114.4	91.6	141.2	90	45.1	33	60.4	47
Fayette	60.3	47	76.2	73	82	57.8	112.7	43	45.3	30.4	65.3	30
Fentress	88.9	71.4	109.7	91	144.3	109.7	186.5	63	47.9	31.7	70.2	28
Franklin	62	52.2	73.1	144	86.8	69.1	107.7	87	44.9	33.9	58.6	57
Gibson	74.6	64.4	86.2	194	106.6	88.2	127.9	118	51.5	40.2	65.2	76
Giles	78.4	65.1	93.7	124	108.7	84.5	137.8	74	56.9	42.1	75.8	50
Grainger	94.6	77.5	114.4	112	152.1	117.2	193.6	75	55.8	39.1	77.6	37
Greene	82.5	73.7	92.1	324	124.7	108	143.2	212	51.1	42	61.8	112
Grundy	66.1	49.7	86.5	55	98.8	68.9	137.4	37	42.9	25.2	68.6	18
Hamblen	83	73.2	93.7	267	123.9	104.9	145.2	163	56.3	46	68.5	104
Hamilton	63.5	59.5	67.7	945	90	82.4	98	545	46.4	41.9	51.3	400
Hancock	77.6	53	110.5	32	114.9	69	180.3	20	53.8	27.7	96.4	12
Hardeman	71.5	56.3	89.9	76	96.3	70.7	128.7	48	49	32.4	72.6	28
Hardin	71.9	59.5	86.3	120	105.9	82.7	133.9	76	48.8	35.3	66.3	44
Hawkins	69.4	60.4	79.5	218	109.1	91.6	129	147	40.9	31.9	51.9	71
Haywood	68.3	49.2	93	42	116.1	77.7	167.4	30	32.7	16.6	60	12
Henderson	95	79.4	112.9	131	147.8	117.6	183.5	86	57.4	41.8	77.4	45

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henry	78.5	66.7	92	160	116.9	94.6	143.2	100	54.4	41.2	70.9	60
Hickman	82.8	66.9	101.3	96	141.4	108	181.4	68	44.6	29.5	65	28
Houston	85.8	62.2	116.2	44	139.8	95.2	199.2	32	43.8	22.3	79.5	12
Humphreys	92.1	74.9	112.3	101	112.8	84	148.7	54	78.2	57.3	104.8	47
Jackson	80.1	60.3	104.8	56	134	93.8	185.8	40	42.5	24.1	70.9	16
Jefferson	69.1	59.3	80.2	181	96.7	78.7	117.5	111	49.5	38.4	62.8	70
Johnson	73.4	58	91.9	80	95.8	70.4	127.7	49	54.8	36.9	79.1	31
Knox	63.6	60.1	67.3	1,238	87.8	81.3	94.8	697	47.9	43.9	52.2	541
Lake	128.4	93.1	174.1	44	180.6	117.8	266.1	27	97.9	55.8	163.5	17
Lauderdale	85.8	68.6	106.1	88	130.3	97.1	171.1	55	57.4	39.2	81.9	33
Lawrence	81.4	70.1	94.1	188	124.2	102.3	149.2	118	54.9	42.7	69.8	70
Lewis	84	62.9	110.1	54	112.2	76.9	158.6	34	56.8	34.6	88.8	20
Lincoln	71.1	59.5	84.5	132	118.2	95.5	145	96	34.2	23.9	48	36
Loudon	65.2	56.1	75.6	186	89.6	73.2	108.9	113	47.5	37.1	60.3	73
McMinn	71.5	62	82.1	207	120.5	100.7	143	141	40.4	31.2	51.7	66
McNairy	77.2	63.6	93	116	110.8	86.3	140.4	73	53.4	38.3	72.9	43
Macon	74.3	59	92.5	82	119.4	88.3	157.4	54	47.2	31.2	68.6	28
Madison	58.9	51.2	67.5	210	90.1	75.3	106.8	135	36.6	28.7	46.2	75
Marion	81.8	67.9	97.8	126	106.8	81.5	137.3	70	65.2	49.2	85.2	56
Marshall	73.9	59.9	90.3	97	112.8	85.9	145.1	62	47.1	32.7	65.9	35
Maury	75.6	66.4	85.7	246	99.1	82.6	117.8	134	60.7	49.9	73.1	112
Meigs	58.7	41	81.8	37	66.5	40.2	104.4	21	49.4	28.1	81.2	16
Monroe	68.4	58	80.1	157	103.1	83.7	125.7	103	42.8	32.1	56.2	54
Montgomery	72.4	64.5	81	312	101.4	86.7	117.9	187	52.9	44	63	125
Moore	57.3	34.9	89.6	20	^	^	^	^	^	^	^	^
Morgan	81	64.8	100.1	88	110.8	81.3	147.3	52	62.6	43.8	87.3	36
Obion	80.5	68	94.8	149	120.9	97.5	148.3	96	50.5	37.6	66.7	53
Overton	97.2	80.7	116.4	123	135.6	106.2	170.8	76	67.2	49.2	90.3	47
Perry	95.2	69.4	128.2	46	130.5	84.6	193	27	70.7	42.2	113.6	19
Pickett	58.5	36.4	91.3	22	69.4	34.5	128.5	12	51.5	24.4	101.1	10
Polk	86.3	68.6	107.5	83	118.8	87.5	157.8	52	59.4	40.2	85.2	31
Putnam	72.3	63.7	81.9	253	96.6	81.4	113.8	147	54.9	44.9	66.6	106
Rhea	65.4	53.7	79.1	110	114.5	90.5	143	83	28.3	18.5	41.7	27
Roane	77.8	68.6	88	263	121.4	103.6	141.5	176	47.7	38.1	59.4	87
Robertson	75.2	64.7	86.8	189	104.8	85.8	126.7	114	53.1	41.8	66.7	75
Rutherford	65.7	59.5	72.2	437	87.1	76	99.2	250	50.6	43.5	58.5	187
Scott	89.1	72.3	108.7	100	112.9	84.5	147.8	56	71.4	51.8	96.3	44
Sequatchie	57	40.4	78.5	39	94.7	61.8	138.9	28	29.7	14.7	54.1	11

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sevier	65.3	57.9	73.4	289	83.9	71	98.4	165	51.1	42.5	61.1	124
Shelby	54.5	51.5	57.6	1,263	71.7	66.2	77.5	667	43.4	40	47.1	596
Smith	73.5	57.2	93	70	114.7	83.6	153.4	47	45.1	28.5	68.2	23
Stewart	84.9	65.1	109.2	63	108.2	75.5	150.5	37	63.6	41.4	94.5	26
Sullivan	71.6	66.4	77.1	707	102.7	93	113.2	425	49.7	44	56	282
Sumner	61.6	55.6	68	401	85.8	74.7	97.9	240	43.7	37.2	51.1	161
Tipton	80.8	68.6	94.6	162	115	92.8	140.7	102	54.1	41.2	69.8	60
Trousdale	105	74.6	143.9	40	151.8	96.6	226.9	25	70.1	38.8	118.1	15
Unicoi	55.7	43.3	71.1	69	98.6	72.8	131.1	50	27.8	16.5	45.2	19
Union	87	68.9	108.5	82	122.5	89.2	163.8	52	59.8	40.2	85.7	30
Van Buren	44.5	24.8	75	15	^	^	^	^	^	^	^	^
Warren	51.7	42.5	62.4	110	79.3	62.1	99.8	74	30.1	21	42.1	36
Washington	63.3	57.1	69.9	389	95.7	84	108.4	252	40.1	33.6	47.5	137
Wayne	58.7	44.1	76.8	55	91.8	64.1	127.5	37	34.2	20.2	55.3	18
Weakley	77.1	64.8	91.1	141	113.9	91	140.9	87	53.5	40	70.5	54
White	82.3	68.1	98.8	119	125.8	98.6	158.2	78	50.4	36	69.1	41
Williamson	46.5	40.5	53.1	227	68.9	56.7	82.7	136	32.9	26.4	40.4	91
Wilson	56.2	49	64.2	232	88.4	73.9	104.8	156	34	26.7	42.7	76

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	74.4	71.5	77.4	2,560	115.1	109.2	121.2	1,564	48.5	45.5	51.6	996
Anderson	^	^	^	^	^	^	^	^	^	^	^	^
Bedford	84.6	46	142	14	^	^	^	^	^	^	^	^
Benton	^	^	^	^	^	^	^	^	0	0	0	0
Bledsoe	0	0	0	0	0	0	0	0	0	0	0	0
Blount	^	^	^	^	^	^	^	^	^	^	^	^
Bradley	^	^	^	^	^	^	^	^	^	^	^	^
Campbell	^	^	^	^	^	^	^	^	0	0	0	0
Cannon	^	^	^	^	^	^	^	^	0	0	0	0
Carroll	105	61	168.7	17	^	^	^	^	^	^	^	^
Carter	^	^	^	^	^	^	^	^	^	^	^	^
Cheatham	^	^	^	^	^	^	^	^	0	0	0	0
Chester	^	^	^	^	^	^	^	^	0	0	0	0
Claiborne	^	^	^	^	^	^	^	^	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0	0	0
Cocke	^	^	^	^	^	^	^	^	0	0	0	0
Coffee	^	^	^	^	^	^	^	^	^	^	^	^
Crockett	^	^	^	^	^	^	^	^	^	^	^	^
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	78.7	70.8	87.1	382	109.5	94.1	126.4	205	59.9	51.3	69.4	177
Decatur	0	0	0	0	0	0	0	0	0	0	0	0
DeKalb	^	^	^	^	^	^	^	^	0	0	0	0
Dickson	^	^	^	^	^	^	^	^	^	^	^	^
Dyer	105.8	61.4	167.4	18	^	^	^	^	^	^	^	^
Fayette	59	39.1	85.1	28	^	^	^	^	^	^	^	^
Fentress	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	^	^	^	^	^	^	^	^	^	^	^	^
Gibson	87.5	62.4	119.1	40	^	^	^	^	^	^	^	^
Giles	68.9	36.4	118.9	13	^	^	^	^	^	^	^	^
Grainger	0	0	0	0	0	0	0	0	0	0	0	0
Greene	^	^	^	^	^	^	^	^	0	0	0	0
Grundy	0	0	0	0	0	0	0	0	0	0	0	0
Hamblen	92.7	45.6	166.3	11	^	^	^	^	^	^	^	^
Hamilton	75.3	65.3	86.3	209	115.8	96.2	138.2	130	48.2	38.1	60.2	79
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	91.4	62.9	127.3	34	^	^	^	^	^	^	^	^
Hardin	^	^	^	^	^	^	^	^	^	^	^	^
Hawkins	^	^	^	^	^	^	^	^	0	0	0	0
Haywood	67.8	44.9	97.8	28	^	^	^	^	^	^	^	^
Henderson	^	^	^	^	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Henry	144.9	89.6	221.7	21	^	^	^	^	^	^	^	^
Hickman	^	^	^	^	^	^	^	^	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0	0	0
Humphreys	^	^	^	^	^	^	^	^	0	0	0	0
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	^	^	^	^	^	^	^	^	^	^	^	^
Johnson	0	0	0	0	0	0	0	0	0	0	0	0
Knox	79.5	64.7	96.5	103	121.2	91	157.4	60	53.6	38.7	72.1	43
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Lauderdale	70	43.9	104.9	23	92.9	46.6	161.5	12	55.4	27.3	99.6	11
Lawrence	^	^	^	^	^	^	^	^	^	^	^	^
Lewis	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	119.9	66.9	199	15	^	^	^	^	^	^	^	^
Loudon	^	^	^	^	0	0	0	0	^	^	^	^
McMinn	116.2	59.8	202.1	12	^	^	^	^	^	^	^	^
McNairy	^	^	^	^	^	^	^	^	0	0	0	0
Macon	0	0	0	0	0	0	0	0	0	0	0	0
Madison	70.5	55.4	88.2	77	107.1	77.5	143.5	47	47.4	31.8	67.5	30
Marion	^	^	^	^	^	^	^	^	^	^	^	^
Marshall	123.8	65.7	211.8	13	^	^	^	^	^	^	^	^
Maury	83.6	58.6	115.3	37	159	102.9	232.9	27	36.4	17.3	67	10
Meigs	0	0	0	0	0	0	0	0	0	0	0	0
Monroe	^	^	^	^	^	^	^	^	^	^	^	^
Montgomery	95.1	71.8	122.8	60	169.5	117.4	233.8	41	50.5	30	78.5	19
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Obion	73.6	35.2	133.9	10	^	^	^	^	^	^	^	^
Overton	0	0	0	0	0	0	0	0	0	0	0	0
Perry	0	0	0	0	0	0	0	0	0	0	0	0
Pickett	0	0	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	^	^	^	^	^	^	^	^	^	^	^	^
Rhea	^	^	^	^	^	^	^	^	^	^	^	^
Roane	^	^	^	^	^	^	^	^	^	^	^	^
Robertson	76	44.1	121.6	17	^	^	^	^	^	^	^	^
Rutherford	92.8	68.1	122.7	50	123.9	80	181	29	70.5	43.3	107	21
Scott	0	0	0	0	0	0	0	0	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	0	0	0	0	0	0	0	0	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Shelby	69.2	65	73.7	1,044	106.8	97.9	116.1	623	46.5	42.1	51.2	421
Smith	^	^	^	^	^	^	^	^	^	^	^	^
Stewart	0	0	0	0	0	0	0	0	0	0	0	0
Sullivan	111.9	63.6	181.8	16	^	^	^	^	^	^	^	^
Sumner	65.9	39.1	102.6	19	^	^	^	^	^	^	^	^
Tipton	80.1	55.3	111.8	34	149.6	94.3	223.3	24	38.5	18.4	70.7	10
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0
Warren	^	^	^	^	^	^	^	^	^	^	^	^
Washington	71.4	35.4	126	11	^	^	^	^	^	^	^	^
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Weakley	^	^	^	^	^	^	^	^	^	^	^	^
White	^	^	^	^	^	^	^	^	^	^	^	^
Williamson	131.6	91.9	181.7	38	213.5	137.9	313.5	27	72.5	35.3	129.7	11
Wilson	89.9	55.6	136.3	22	^	^	^	^	^	^	^	^

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. ^--Data suppressed.

Colorectal Cancer

Table 13. Age-Adjusted Colorectal Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	49.4	48.6	50.2	15,105	58.7	57.3	60	7,662	42.7	41.7	43.7	7,443
2002	46.6	44.8	48.3	2,730	54.9	51.9	58	1,370	40.4	38.2	42.6	1,360
2003	49.8	48	51.6	2,969	59.3	56.3	62.5	1,489	43.2	41	45.5	1,480
2004	49	47.3	50.8	2,990	58.2	55.3	61.3	1,528	42.2	40	44.4	1,462
2005	52.2	50.4	54	3,258	63.5	60.4	66.6	1,695	44.1	41.9	46.4	1,563
2006	49.3	47.5	51	3,158	57.2	54.3	60.2	1,580	43.5	41.4	45.7	1,578
WHITES												
2002-2006	48.1	47.3	49	12,878	57.6	56.2	59	6,640	41.1	40.1	42.2	6,238
2002	45.6	43.7	47.4	2,344	53.9	50.8	57.2	1,192	39.2	37	41.6	1,152
2003	48.8	46.9	50.7	2,553	58.6	55.3	61.9	1,301	42	39.7	44.4	1,252
2004	48	46.1	49.9	2,562	57.8	54.6	61	1,336	40.6	38.3	43	1,226
2005	50.6	48.7	52.6	2,763	61.6	58.4	64.9	1,453	42.5	40.2	44.9	1,310
2006	47.5	45.7	49.3	2,656	56	53	59.2	1,358	41.2	39	43.6	1,298
BLACKS												
2002-2006	58.8	56.2	61.4	2,103	66.6	62.2	71.3	956	53.8	50.7	57.1	1,147
2002	55.8	50.2	61.8	373	66.4	56.4	77.5	173	49.1	42.5	56.4	200
2003	56.8	51.2	62.8	391	64.2	54.5	75	175	52.1	45.3	59.5	216
2004	56.1	50.6	61.9	406	61.4	52.2	71.6	181	52.6	45.9	60	225
2005	62.5	56.8	68.6	461	75.8	65.4	87.2	222	55	48.2	62.5	239
2006	61.8	56.2	67.8	472	64.7	55.5	74.9	205	59.7	52.7	67.4	267

CANCER IN TENNESSEE: 2002-2006

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
OTHERS												
2002-2006	53.3	42.4	65.8	124	66.9	46.8	91.6	66	44.8	32.5	59.7	58
2002	29.8	14.3	53.4	13	^	^	^	^	^	^	^	^
2003	69.5	40.3	108.5	25	92.4	38.4	174.9	13	56.8	26	103.2	12
2004	38.1	21.6	61.4	22	40.3	17.5	79.1	11	35	15.2	66.9	11
2005	74.3	46.3	110.6	34	115.6	56.6	200	20	51.7	25	91.3	14
2006	50.9	31.5	76.6	30	53.5	26.5	95.4	17	46.8	23	82.2	13

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 14. Age-Specific Colorectal Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the Five-Year Period 2002-2006.

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
0	0	0	0	0	0	0	0	0	0	0	0	0
01-04	^	^	^	^	^	^	^	^	0	0	0	0
05-09	^	^	^	^	0	0	0	0	^	^	^	^
10-14	^	^	^	^	^	^	^	^	^	^	^	^
15-19	^	^	^	^	^	^	^	^	^	^	^	^
20-24	0.5	0.2	0.9	10	^	^	^	^	^	^	^	^
25-29	1.9	1.4	2.6	38	2.2	1.4	3.3	22	1.6	0.9	2.6	16
30-34	5	4.1	6	103	5.1	3.8	6.7	53	4.9	3.6	6.4	50
35-39	9.7	8.5	11.2	208	8.8	7.1	10.7	93	10.7	8.8	12.9	115
40-44	19	17.3	20.9	433	20.6	18	23.4	230	17.6	15.2	20.2	203
45-49	34.3	31.9	36.8	767	37.4	33.9	41.2	408	31.4	28.2	34.8	359
50-54	59.8	56.5	63.2	1,222	68.7	63.7	74.1	685	51.2	47	55.7	537
55-59	87.7	83.3	92.2	1,535	100.2	93.6	107.2	851	75.9	70.3	81.8	684
60-64	127.2	121.4	133.3	1,751	153.3	144	163.1	1,007	103.4	96.1	111.1	744
65-69	172.2	164.6	180.1	1,903	207.1	194.8	219.9	1,060	142.1	132.7	152.1	843
70-74	225.8	216.1	235.8	2,033	264.1	248.4	280.6	1,045	195.7	183.7	208.3	988
75-79	273.1	261.3	285.4	1,989	340.2	319.4	361.9	999	227.8	213.9	242.5	990
80-84	321.8	306.5	337.6	1,665	392	363.7	421.8	714	283.7	265.9	302.3	951
85+	316.7	300.6	333.5	1,440	401.1	366.2	438.5	485	286.1	268.3	304.9	955

Note: ^-- Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 15. Age-Adjusted Colorectal Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race, for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	49.4	48.6	50.2	15,105	58.7	57.3	60	7,662	42.7	41.7	43.7	7,443
Anderson	50.9	44.5	57.9	237	57	46.7	68.8	111	48.2	39.9	57.8	126
Bedford	52.1	42.6	63	106	60.1	44.9	78.8	54	45.3	33.7	59.6	52
Benton	42	30.7	56.6	47	40.8	24.6	64.4	20	44.6	29	66.6	27
Bledsoe	47.6	31.9	68.3	31	51.7	26.9	88.6	15	47.8	27.2	78.8	16
Blount	42.4	37.6	47.7	280	49.9	41.9	59	145	36.3	30.4	43.1	135
Bradley	43.6	37.8	50	207	59.1	48.6	71.2	121	32.5	26	40.3	86
Campbell	47.8	39.4	57.4	117	61.2	46.7	78.8	65	37.1	27.5	49.1	52
Cannon	42	28.5	60	31	48.3	27.1	79.7	16	34.2	18.9	57.8	15
Carroll	49.4	39.9	60.7	96	67.1	49.9	88.3	52	38.6	27.8	52.8	44
Carter	39.4	33.1	46.8	136	43.4	33.3	55.6	66	35.3	27.4	45	70
Cheatham	43.3	33.6	55	71	43.6	28.5	63.4	31	45.1	32.1	61.6	40
Chester	27.9	17.9	41.8	24	^	^	^	^	^	^	^	^
Claiborne	58.6	47.8	71.3	103	67.7	49.6	90.2	51	52.2	38.9	68.8	52
Clay	46	29	70.1	23	^	^	^	^	^	^	^	^
Cocke	45.1	36	55.8	87	59.6	43.2	80.1	48	35.3	25	48.5	39
Coffee	55.4	47.1	64.8	160	68.8	54.9	85.3	87	46	36	58.1	73
Crockett	41.3	28.8	57.6	36	43.7	25.3	70.5	17	39.8	23.6	63.4	19
Cumberland	43.8	37.3	51.2	173	53.1	42.6	65.7	97	35.5	27.8	45.1	76
Davidson	48.8	46.2	51.6	1,312	60.5	55.8	65.4	658	41.5	38.4	44.9	654
Decatur	50.6	36.4	69.3	42	60.5	37.6	93.4	22	44.3	26.6	71	20
DeKalb	62.4	48.1	79.8	65	72.9	50	102.8	34	52.7	35.6	75.7	31
Dickson	67	56.6	78.8	148	77.2	59.8	97.8	73	59.1	46.4	74.2	75
Dyer	46.4	37.6	56.7	97	48.8	35.1	65.9	44	44.8	33.4	58.9	53
Fayette	32.5	24.4	42.5	55	33.6	21.5	50	25	32.3	21.7	46.4	30
Fentress	56.8	42.8	74.2	56	65.2	43.3	94.6	29	49	32.1	72.3	27
Franklin	50.3	41.5	60.4	118	62.3	47.5	80.2	63	42.8	32	56.2	55
Gibson	51.9	44	60.9	159	62.4	49.3	78	79	43.5	34.2	54.8	80
Giles	56.7	45.9	69.3	98	63.6	46.3	85.2	47	51.2	38	68	51
Grainger	51.4	39.3	66.2	63	48.4	30.6	72.7	26	56.3	39.5	78.2	37
Greene	44.2	37.8	51.4	173	47.4	37.2	59.4	80	42.5	34.2	52.3	93
Grundy	60.4	44.7	79.9	50	65.9	41.7	99.2	24	56	36.2	83.3	26
Hamblen	42.1	35.4	49.8	140	57.1	45	71.4	82	31	23.4	40.3	58

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamilton	49.2	46	52.6	869	59.9	54.3	65.9	441	41.5	37.6	45.7	428
Hancock	^	^	^	^	^	^	^	^	^	^	^	^
Hardeman	45.6	35.3	58	67	50.6	35.1	70.6	35	39.7	27	56.6	32
Hardin	36.3	27.9	46.8	63	42.3	28.5	60.7	32	33	22.3	47.6	31
Hawkins	42.7	35.7	50.6	134	52.4	40.6	66.6	72	35.2	26.9	45.3	62
Haywood	53.5	40.4	69.6	56	53.7	33.8	80.9	23	52.9	36.2	74.9	33
Henderson	52.2	41.2	65.3	78	51.9	35.5	73.3	34	53.1	38.5	71.8	44
Henry	50.5	41.3	61.3	108	54.7	40.7	72.3	53	45.5	34	60.2	55
Hickman	65.4	51.5	81.9	77	66.7	46.5	92.6	38	61.4	43.5	84.4	39
Houston	51.7	33.9	76.1	27	55.2	29.1	96.2	13	46.8	25.5	81.2	14
Humphreys	49.2	36.8	64.6	54	70.1	47.7	99.5	34	32.1	19.5	50.6	20
Jackson	50.5	34.7	71.6	33	74.6	45.3	115.9	21	34.2	17.6	61.3	12
Jefferson	51.6	43.1	61.2	135	61.8	47.8	78.7	72	44.1	33.8	56.7	63
Johnson	42.6	31.3	56.9	48	40.4	24.7	62.6	21	44.3	28.9	66.1	27
Knox	46.4	43.5	49.4	970	58.3	53.2	63.7	508	37.9	34.5	41.6	462
Lake	35.3	19.3	59.7	14	^	^	^	^	^	^	^	^
Lauderdale	62.1	49.5	77.1	84	65.8	46.4	90.4	39	57	41.3	77.1	45
Lawrence	54.9	45.8	65.4	128	70.1	54.3	89	70	44.4	33.5	57.8	58
Lewis	47.4	32.1	67.8	31	64.5	38	102.6	19	34	17.5	60.4	12
Lincoln	55.9	45.9	67.7	109	72.5	55.4	93.3	63	40.1	29.2	54.2	46
Loudon	48.1	40.2	57.2	136	63.6	49.2	81.1	75	38	28.9	49.5	61
McMinn	51	43.1	60	150	62	48.6	78	78	43.3	33.8	54.9	72
McNairy	73.8	60.4	89.3	110	83.3	62.6	108.9	56	68.8	51.3	90.7	54
Macon	61.6	47.6	78.4	67	73.8	50.7	103.6	35	52.8	35.9	75.1	32
Madison	51.3	45.1	58.3	242	63.6	52.7	75.9	124	43	35.5	51.6	118
Marion	43.5	33.7	55.5	69	42.3	28.4	60.8	33	41.4	29	57.8	36
Marshall	58.4	46.6	72.3	85	68.3	48.5	93.2	41	53.2	38.5	71.7	44
Mauzy	52.4	45.3	60.3	198	65.4	53.1	79.7	104	43.5	35.1	53.4	94
Meigs	53.9	36.9	76.3	34	56.3	31.9	92.8	17	49.8	28.8	81	17
Monroe	43.1	35	52.6	100	44.3	32.5	59.1	49	40.9	30.4	54.2	51
Montgomery	48.1	42.2	54.5	252	55.7	45.9	66.8	126	42.8	35.6	51	126
Moore	29	14.4	53.3	11	^	^	^	^	^	^	^	^
Morgan	67.5	52.6	85.5	71	96.7	68.9	131.6	44	46.8	30.8	68.8	27
Obion	60.6	50.1	72.7	119	79.3	61	101.4	66	46.9	34.9	61.9	53
Overton	43.9	32.9	57.7	54	50.8	33.4	74.2	28	37.2	24.1	55.4	26
Perry	54.2	35.6	80	27	54.7	26.4	100.2	11	56.1	31.9	94.1	16
Pickett	52.9	31.5	85.3	19	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Polk	37.1	25.6	52.1	34	38.7	21	65.2	15	38	22.7	60.2	19
Putnam	63.4	55.2	72.4	220	70.3	57.7	84.9	109	54.8	44.9	66.3	111
Rhea	55.8	44.9	68.5	94	71.2	52.8	93.9	53	42.4	30.2	58.2	41
Roane	50.6	43.2	58.9	170	63.1	50.2	78.3	88	42.8	33.9	53.5	82
Robertson	54.9	46.4	64.5	150	57.8	44.7	73.3	73	51.5	40.6	64.4	77
Rutherford	43.5	38.8	48.6	333	48.8	41.2	57.3	170	38.6	32.8	45	163
Scott	50.7	38.1	66.2	55	64.6	42.3	94	29	41.6	27.1	61.4	26
Sequatchie	32.7	20.1	50.3	21	^	^	^	^	^	^	^	^
Sevier	45.5	39.3	52.5	199	54.3	44	66.4	105	39.2	31.6	48.1	94
Shelby	55.1	52.8	57.5	2,193	65.9	61.8	70.2	1,061	48.3	45.5	51.2	1,132
Smith	54.4	40.8	71.2	54	60.4	38.7	89.7	25	51.4	34.3	74.5	29
Stewart	60.8	44.4	81.6	46	84	56.1	121.4	30	40.5	23	66.9	16
Sullivan	44.7	40.6	49.2	437	50.3	43.7	57.7	212	40.3	35.1	46.1	225
Sumner	46.9	41.8	52.4	321	61.4	52.4	71.5	181	36.1	30.3	42.7	140
Tipton	49.3	40.7	59.1	119	41.3	29.5	56.1	45	55.3	43.3	69.5	74
Trousdale	70.5	47.1	101.7	29	73.4	39.8	124.3	14	64.5	35.9	108.2	15
Unicoi	41.6	31	55.1	52	47.3	30.2	71.3	24	36.7	24.2	54.8	28
Union	47.3	34.4	63.5	46	63.6	39.3	96.6	25	39.2	24.2	60.4	21
Van Buren	48.9	27.7	80.8	16	^	^	^	^	^	^	^	^
Warren	54.1	44.8	64.9	119	64.2	48.8	82.8	61	46.9	35.5	60.9	58
Washington	46.4	41.3	52.1	295	57.2	48.3	67.2	152	39.5	33.2	46.7	143
Wayne	53.5	39.5	71	49	70	47.2	100.1	31	37.1	21.8	59.9	18
Weakley	45.5	36.4	56.3	88	48.7	34.5	66.8	39	43.3	31.7	58	49
White	52.1	40.9	65.5	76	57.9	39.9	81.2	36	49.8	35.4	68.5	40
Williamson	47.4	41.8	53.5	287	49.9	40.6	60.4	134	46.1	38.9	54.2	153
Wilson	47.6	41.3	54.6	215	49.7	40.2	60.6	109	43.8	35.7	53.1	106

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	48.1	47.3	49	12,878	57.6	56.2	59	6,640	41.1	40.1	42.2	6,238
Anderson	49.5	43.2	56.6	222	54.7	44.5	66.6	103	47.4	39.1	57.2	119
Bedford	51.6	41.7	63	96	57.3	42	76.3	48	46	33.8	61.2	48
Benton	42.1	30.6	56.8	46	41.5	25	65.5	20	44.6	28.7	67.1	26
Bledsoe	48.7	32.7	69.9	31	52.6	27.5	90.3	15	48.6	27.6	80	16
Blount	42.7	37.7	48.1	274	50.6	42.4	59.8	143	36.3	30.3	43.2	131
Bradley	45.2	39.2	51.8	207	61.2	50.3	73.7	121	33.7	26.9	41.7	86
Campbell	48.1	39.7	57.8	117	61.6	47.1	79.4	65	37.3	27.7	49.5	52
Cannon	41.3	27.8	59.3	30	49.3	27.7	81.3	16	32.4	17.5	55.9	14
Carroll	48.7	38.8	60.6	86	67.7	49.7	90.2	48	36.3	25.4	50.9	38
Carter	39.9	33.4	47.3	136	43.8	33.6	56.1	66	35.7	27.7	45.5	70
Cheatham	43.1	33.3	54.9	69	41.8	26.9	61.6	29	46.3	32.9	63.2	40
Chester	29	18.4	43.8	23	^	^	^	^	^	^	^	^
Claiborne	59.4	48.4	72.2	103	68.5	50.2	91.3	51	52.9	39.4	69.8	52
Clay	44.9	27.9	69	22	^	^	^	^	^	^	^	^
Cocke	44.9	35.7	55.7	85	59.2	42.7	79.9	47	35.2	24.9	48.6	38
Coffee	55.8	47.4	65.4	156	68.6	54.4	85.3	84	47	36.7	59.5	72
Crockett	39.7	26.6	57.3	30	47.3	26.9	77.7	16	33	17.7	57.3	14
Cumberland	44	37.5	51.5	173	53.3	42.8	66	97	35.7	27.9	45.3	76
Davidson	47	44.1	50	995	59.3	54.1	64.7	510	39.2	35.7	42.9	485
Decatur	51.3	36.7	70.6	41	62.2	38.6	96.1	22	44.7	26.4	72.6	19
DeKalb	62.7	48.2	80.3	64	72.5	49.4	102.8	33	53.7	36.3	77.1	31
Dickson	67.6	56.9	79.7	143	76.1	58.4	97.1	69	60.7	47.6	76.4	74
Dyer	43	34.1	53.5	82	39.2	26.9	55.3	34	45.2	33.1	60.4	48
Fayette	29.3	20.3	41	35	32.7	18.5	53.3	17	27.6	16.3	44.3	18
Fentress	56.3	42.3	73.7	55	65.5	43.5	95.1	29	47.7	30.9	70.9	26
Franklin	49.6	40.7	60	110	61.1	46.2	79.4	59	42.2	31.2	56	51
Gibson	51.6	43.1	61.4	134	66.9	52.2	84.5	72	39.5	29.8	51.7	62
Giles	55.6	44.3	69.1	85	68	48.9	92.1	44	47.2	33.7	64.7	41
Grainger	50.7	38.7	65.5	62	45.7	28.6	69.2	25	56.7	39.8	78.8	37
Greene	44.2	37.8	51.5	170	46.9	36.8	59	78	42.8	34.4	52.8	92
Grundy	60.8	45	80.6	50	66.5	42	100	24	56.4	36.5	84	26
Hamblen	42.7	35.8	50.7	136	58.6	46.1	73.4	81	30.8	23.1	40.4	55
Hamilton	49.8	46.3	53.6	735	59.7	53.7	66.2	371	42.5	38.2	47.2	364
Hancock	^	^	^	^	^	^	^	^	^	^	^	^
Hardeman	37.7	26.9	51.8	40	45	28.4	68.5	23	29.1	16.7	48.7	17
Hardin	35.3	26.9	45.8	60	42.2	28.2	60.9	31	31.4	21	45.9	29
Hawkins	42.9	35.8	51	132	52	40.1	66.4	70	35.9	27.4	46.3	62
Haywood	55.4	38.2	78.2	34	58.7	32.3	98.7	15	51.3	30.5	82.9	19

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henderson	50.5	39.3	64	70	50.8	34.1	73	31	50.7	35.9	69.8	39
Henry	49.8	40.3	61.1	98	52.2	38.2	70.1	48	45.7	33.6	61.3	50
Hickman	65.9	51.7	82.8	75	65.7	45.3	92	36	63.3	44.8	87	39
Houston	53.4	35.1	78.8	27	57.5	30.3	100.2	13	48.1	26.2	83.7	14
Humphreys	49.7	37	65.4	53	72.1	49.1	102.3	34	31.7	19	50.5	19
Jackson	49.1	33.5	69.9	32	71.1	42.6	111.7	20	34.4	17.7	61.6	12
Jefferson	51.7	43.1	61.5	132	62.5	48.2	79.7	71	43.8	33.4	56.6	61
Johnson	43	31.6	57.5	48	40.9	25.1	63.6	21	44.6	29.1	66.5	27
Knox	46.2	43.2	49.3	896	59	53.7	64.7	477	37.3	33.8	41.1	419
Lake	37.4	19.2	66.9	12	^	^	^	^	^	^	^	^
Lauderdale	61.2	46.8	78.9	62	67.7	45.1	97.7	30	53	35.9	76.3	32
Lawrence	55	45.8	65.7	126	69.3	53.5	88.3	68	45.2	34.1	58.9	58
Lewis	48.2	32.6	68.8	31	65.3	38.5	103.9	19	34.5	17.8	61.4	12
Lincoln	52.7	42.6	64.6	96	66.9	49.9	87.9	54	39.6	28.4	54.3	42
Loudon	48.4	40.4	57.6	135	63.7	49.1	81.3	74	38.5	29.3	50.1	61
McMinn	52.2	44	61.5	147	63.9	50	80.4	77	44	34.2	56	70
McNairy	67.4	54.4	82.6	97	77.1	56.8	102.6	50	62.3	45.3	83.9	47
Macon	62	47.9	78.9	67	74.3	51.1	104.2	35	53.2	36.2	75.6	32
Madison	49.8	42.7	57.7	179	64.3	52	78.6	97	40.3	32	50.3	82
Marion	43.2	33.2	55.3	66	44.2	29.6	63.7	33	40	27.4	56.7	33
Marshall	57.2	45.1	71.6	77	69.7	49.1	95.8	39	49.8	35.2	68.8	38
Maury	50	42.6	58.2	165	58.1	46	72.5	83	43.5	34.6	54.2	82
Meigs	54.8	37.5	77.5	34	57.2	32.3	94.1	17	50.7	29.3	82.4	17
Monroe	43.1	34.9	52.7	97	43.7	31.8	58.6	47	41.5	30.7	55	50
Montgomery	46.9	40.6	53.8	205	54.2	44	66.1	106	41	33.3	49.9	99
Moore	29.9	14.8	55	11	^	^	^	^	^	^	^	^
Morgan	68.1	53	86.3	71	97.8	69.8	133.1	44	47.1	31	69.2	27
Obion	61.7	50.7	74.5	112	78.6	59.8	101.5	61	48.9	36.2	65.1	51
Overton	44.2	33.1	58.1	54	51.2	33.7	74.8	28	37.4	24.3	55.7	26
Perry	55.1	36.1	81.4	27	55.3	26.8	101.5	11	57.2	32.5	96	16
Pickett	50.6	29.6	82.6	18	^	^	^	^	^	^	^	^
Polk	37.2	25.7	52.4	34	38.8	21	65.3	15	38.2	22.9	60.6	19
Putnam	64	55.8	73.2	218	70.6	57.8	85.4	107	55.8	45.8	67.5	111
Rhea	55.1	44.2	67.9	91	71.3	52.8	94.4	52	40.8	28.8	56.5	39
Roane	50.6	43.1	59.1	165	63.6	50.4	79.1	86	42.5	33.5	53.4	79
Robertson	51.8	43.2	61.7	130	58.5	44.7	75.1	67	46.1	35.4	59	63
Rutherford	42.6	37.8	47.9	296	47.7	39.9	56.5	153	37.7	31.7	44.5	143
Scott	51	38.3	66.6	55	64.9	42.5	94.4	29	41.9	27.3	61.9	26
Sequatchie	32.9	20.3	50.6	21	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sevier	45.7	39.5	52.7	198	54.8	44.4	67	105	39.1	31.5	48.1	93
Shelby	48.5	45.7	51.4	1,142	60.5	55.6	65.8	582	40.3	37	43.8	560
Smith	56.1	42.1	73.4	54	62.2	39.8	92.2	25	53.1	35.4	77.1	29
Stewart	62.5	45.6	83.9	46	85.8	57.3	124	30	41.9	23.8	69.2	16
Sullivan	44.6	40.5	49.1	428	50.4	43.7	57.9	208	40	34.8	45.8	220
Sumner	46.2	41	51.8	299	61.4	52.1	71.8	170	35.1	29.3	41.8	129
Tipton	46.3	37.2	57	93	39.3	26.6	55.6	36	52.7	39.8	68.4	57
Trousdale	69	44.5	102.4	25	77.5	40.9	134	13	57.5	29.4	102.7	12
Unicoi	41	30.4	54.4	51	45.3	28.6	68.9	23	36.8	24.2	55	28
Union	46.6	33.7	62.7	45	64.1	39.6	97.4	25	37.4	22.8	58.3	20
Van Buren	49.2	27.9	81.4	16	^	^	^	^	^	^	^	^
Warren	53.3	43.9	64.1	113	62.4	46.9	81.2	57	47.2	35.5	61.6	56
Washington	47.3	42	53.1	290	58.2	49	68.5	149	40.3	33.8	47.7	141
Wayne	53.9	39.6	71.9	48	70.8	47.4	102	30	37.6	22	60.6	18
Weakley	44.7	35.5	55.7	82	47.9	33.6	66.4	37	41.6	30	56.6	45
White	49.7	38.7	63	71	57.8	39.6	81.5	35	45.5	31.8	63.7	36
Williamson	47.5	41.7	53.8	271	50.1	40.6	61	127	46.2	38.8	54.7	144
Wilson	47.1	40.6	54.4	198	49.6	39.8	61	101	43.2	34.9	52.8	97

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	58.8	56.2	61.4	2,103	66.6	62.2	71.3	956	53.8	50.7	57.1	1,147
Anderson	107.3	56.7	182.6	13	^	^	^	^	^	^	^	^
Bedford	^	^	^	^	^	^	^	^	^	^	^	^
Benton	^	^	^	^	0	0	0	0	^	^	^	^
Bledsoe	0	0	0	0	0	0	0	0	0	0	0	0
Blount	^	^	^	^	^	^	^	^	^	^	^	^
Bradley	0	0	0	0	0	0	0	0	0	0	0	0
Campbell	0	0	0	0	0	0	0	0	0	0	0	0
Cannon	^	^	^	^	0	0	0	0	^	^	^	^
Carroll	59.1	28.3	109.8	10	^	^	^	^	^	^	^	^
Carter	0	0	0	0	0	0	0	0	0	0	0	0
Cheatham	^	^	^	^	^	^	^	^	0	0	0	0
Chester	0	0	0	0	0	0	0	0	0	0	0	0
Claiborne	0	0	0	0	0	0	0	0	0	0	0	0
Clay	^	^	^	^	^	^	^	^	0	0	0	0
Cocke	^	^	^	^	^	^	^	^	^	^	^	^
Coffee	^	^	^	^	^	^	^	^	0	0	0	0
Crockett	^	^	^	^	^	^	^	^	^	^	^	^
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	57.7	51.1	64.7	301	67.7	56.1	80.9	141	52	44.2	60.8	160
Decatur	^	^	^	^	0	0	0	0	^	^	^	^
DeKalb	^	^	^	^	^	^	^	^	0	0	0	0
Dickson	^	^	^	^	^	^	^	^	^	^	^	^
Dyer	75.6	39.2	129.3	13	^	^	^	^	^	^	^	^
Fayette	41.6	25.3	64.1	20	^	^	^	^	^	^	^	^
Fentress	^	^	^	^	0	0	0	0	^	^	^	^
Franklin	^	^	^	^	^	^	^	^	^	^	^	^
Gibson	51.3	32.8	76.5	24	^	^	^	^	^	^	^	^
Giles	66.5	35.1	115.3	13	^	^	^	^	^	^	^	^
Grainger	0	0	0	0	0	0	0	0	0	0	0	0
Greene	^	^	^	^	^	^	^	^	^	^	^	^
Grundy	0	0	0	0	0	0	0	0	0	0	0	0
Hamblen	^	^	^	^	^	^	^	^	^	^	^	^
Hamilton	46.2	38.5	55	128	59.2	45.1	76.1	65	38.4	29.4	49.2	63
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	66.3	43.3	96.5	27	68.4	34	120.3	12	63.6	35.3	104.7	15
Hardin	^	^	^	^	0	0	0	0	^	^	^	^
Hawkins	^	^	^	^	^	^	^	^	0	0	0	0
Haywood	51.9	32.4	78.4	22	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Henderson	^	^	^	^	^	^	^	^	^	^	^	^
Henry	63.9	30.4	119.2	10	^	^	^	^	^	^	^	^
Hickman	^	^	^	^	^	^	^	^	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0	0	0
Humphreys	0	0	0	0	0	0	0	0	0	0	0	0
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	^	^	^	^	^	^	^	^	^	^	^	^
Johnson	0	0	0	0	0	0	0	0	0	0	0	0
Knox	45.9	35	58.9	62	46	29.5	67.9	27	42	29.2	58.4	35
Lake	^	^	^	^	0	0	0	0	^	^	^	^
Lauderdale	63.6	38.9	97	21	^	^	^	^	^	^	^	^
Lawrence	^	^	^	^	^	^	^	^	0	0	0	0
Lewis	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	107.7	57.1	185.1	13	^	^	^	^	^	^	^	^
Loudon	^	^	^	^	^	^	^	^	0	0	0	0
McMinn	^	^	^	^	^	^	^	^	^	^	^	^
McNairy	184.5	97.7	315.2	13	^	^	^	^	^	^	^	^
Macon	0	0	0	0	0	0	0	0	0	0	0	0
Madison	54.4	41.3	70.1	61	57.8	36.8	85.5	26	50.8	35.1	70.8	35
Marion	^	^	^	^	0	0	0	0	^	^	^	^
Marshall	^	^	^	^	^	^	^	^	^	^	^	^
Maury	69	46.6	98.1	31	125	74.5	194.3	20	41.5	20.7	74	11
Meigs	0	0	0	0	0	0	0	0	0	0	0	0
Monroe	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery	50.2	34.7	69.8	39	56.1	29.3	94.6	17	48.9	30	74.6	22
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Obion	^	^	^	^	^	^	^	^	^	^	^	^
Overton	0	0	0	0	0	0	0	0	0	0	0	0
Perry	0	0	0	0	0	0	0	0	0	0	0	0
Pickett	^	^	^	^	0	0	0	0	^	^	^	^
Polk	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	^	^	^	^	^	^	^	^	0	0	0	0
Rhea	^	^	^	^	^	^	^	^	^	^	^	^
Roane	^	^	^	^	^	^	^	^	^	^	^	^
Robertson	87	52.2	135.7	19	^	^	^	^	^	^	^	^
Rutherford	60.3	41	84.6	34	77.1	41	128	15	52.7	31.3	82.4	19
Scott	0	0	0	0	0	0	0	0	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	0	0	0	0	0	0	0	0	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Shelby	64.4	60.3	68.6	1,021	73.3	66.2	81	459	59	54.1	64.2	562
Smith	0	0	0	0	0	0	0	0	0	0	0	0
Stewart	0	0	0	0	0	0	0	0	0	0	0	0
Sullivan	^	^	^	^	^	^	^	^	^	^	^	^
Sumner	61.6	37.5	94.9	21	66.1	30.8	123	11	54.6	25.8	99.9	10
Tipton	58	36.7	86.6	23	^	^	^	^	^	^	^	^
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0
Warren	^	^	^	^	^	^	^	^	^	^	^	^
Washington	^	^	^	^	^	^	^	^	^	^	^	^
Wayne	^	^	^	^	^	^	^	^	0	0	0	0
Weakley	^	^	^	^	^	^	^	^	^	^	^	^
White	^	^	^	^	0	0	0	0	^	^	^	^
Williamson	39.4	20.6	68.1	13	^	^	^	^	^	^	^	^
Wilson	60.7	34.7	98.1	17	^	^	^	^	^	^	^	^

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. Counts for counties may not add up to total Tennessee counts due to records with a missing value for county. ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 16. Age-Adjusted Colorectal Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Sex, Race and Diagnosis Year, for the Five-Year Period 2002-2006.

	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
2002-2006	19.2	18.7	19.7	5,794	24.2	23.3	25.1	2,950	15.8	15.3	16.4	2,844
2002	19.8	18.7	21	1,146	25.6	23.5	27.8	597	15.8	14.5	17.2	549
2003	20.6	19.5	21.8	1,217	25.7	23.6	27.9	611	17.2	15.8	18.6	606
2004	19.3	18.2	20.5	1,157	23.6	21.6	25.6	572	16.4	15	17.8	585
2005	18.9	17.8	20	1,160	24.7	22.7	26.8	612	15	13.8	16.4	548
2006	17.7	16.7	18.8	1,114	21.5	19.7	23.4	558	14.9	13.7	16.3	556
WHITES												
2002-2006	17.9	17.4	18.4	4,753	22.6	21.7	23.6	2,447	14.6	14	15.3	2,306
2002	18.7	17.5	19.9	953	24.1	21.9	26.4	496	15	13.6	16.4	457
2003	19.1	17.9	20.3	992	24	21.9	26.2	507	15.6	14.3	17.1	485
2004	18.2	17.1	19.4	962	22.5	20.5	24.7	484	15.3	13.9	16.7	478
2005	17.5	16.4	18.7	946	23.4	21.4	25.6	512	13.6	12.3	14.9	434
2006	16.2	15.2	17.4	900	19.4	17.6	21.3	448	13.9	12.6	15.2	452
BLACKS												
2002-2006	30.3	28.4	32.2	1,021	38.5	35	42.2	490	25.3	23.2	27.6	531
2002	29.1	25	33.5	190	40.9	32.9	49.9	101	21.8	17.5	26.8	89
2003	33.7	29.3	38.5	221	42	33.8	51.3	102	28.9	23.9	34.6	119
2004	28.5	24.5	32.9	192	33.3	26.3	41.4	86	25.3	20.7	30.6	106
2005	30.6	26.5	35.1	210	35.3	28.1	43.6	96	27.6	22.7	33.2	114
2006	29.6	25.6	34	208	41.3	33.3	50.4	105	23.1	18.8	28.1	103
TOTAL												
				MALES				FEMALES				

CANCER IN TENNESSEE: 2002-2006

	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
OTHERS												
2002-2006	9.3	4.8	15.7	18	^	^	^	^	^	^	^	^
2002	^	^	^	^	0	0	0	0	^	^	^	^
2003	^	^	^	^	^	^	^	^	^	^	^	^
2004	^	^	^	^	^	^	^	^	^	^	^	^
2005	^	^	^	^	^	^	^	^	0	0	0	0
2006	^	^	^	^	^	^	^	^	^	^	^	^

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander. Counts by race may not add up to counts for all races due to records with missing value for race. ^ --Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 17. Age-Specific Colorectal Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Age Category and Sex, All Races Combined, for the Five-Year Period 2002-2006.

Age at Diagnosis	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
0	0	0	0	0	0	0	0	0	0	0	0	0
01-04	0	0	0	0	0	0	0	0	0	0	0	0
05-09	0	0	0	0	0	0	0	0	0	0	0	0
10-14	^	^	^	^	^	^	^	^	0	0	0	0
15-19	^	^	^	^	0	0	0	0	^	^	^	^
20-24	^	^	^	^	^	^	^	^	^	^	^	^
25-29	^	^	^	^	^	^	^	^	^	^	^	^
30-34	1.5	1.1	2.2	32	1.6	1	2.6	17	1.5	0.8	2.4	15
35-39	2.5	1.9	3.3	54	2.8	1.9	4	30	2.2	1.4	3.3	24
40-44	5.1	4.2	6.1	115	5.6	4.3	7.2	63	4.5	3.4	5.9	52
45-49	8.7	7.5	10	195	9.6	7.9	11.7	105	7.9	6.3	9.7	90
50-54	17.5	15.7	19.4	358	20.9	18.1	23.9	208	14.3	12.1	16.8	150
55-59	25.5	23.2	28	447	30.8	27.2	34.8	262	20.5	17.7	23.7	185
60-64	38	34.8	41.4	523	50.1	44.8	55.8	329	27	23.3	31	194
65-69	54	49.8	58.5	597	67	60.1	74.5	343	42.8	37.7	48.4	254
70-74	83.7	77.9	89.9	754	106.9	97	117.6	423	65.6	58.7	73	331
75-79	115.1	107.4	123.1	838	152.5	138.7	167.4	448	89.8	81.1	99.1	390
80-84	157.1	146.5	168.3	813	199.8	179.8	221.4	364	133.9	121.8	146.9	449
85+	231.8	218	246.2	1,054	289.5	259.9	321.5	350	210.9	195.6	227.1	704

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 18. Age-Adjusted Colorectal Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by County, Sex, and Race, for the Five-Year Period 2002-2006.

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Tennessee	19.2	18.7	19.7	5,794	24.2	23.3	25.1	2,950	15.8	15.3	16.4	2,844
Anderson	18.5	14.8	22.9	88	25.7	18.9	34.3	48	14.3	10.1	19.8	40
Bedford	21.7	15.8	29.2	44	26.1	16.2	39.5	23	17.5	10.8	27	21
Benton	16.8	10.1	26.7	20	17.9	8.3	34.9	10	16.2	7.5	31.8	10
Bledsoe	17.1	8.2	31.5	11	^	^	^	^	^	^	^	^
Blount	15.1	12.3	18.5	98	19.7	14.5	26	51	12	8.8	16.1	47
Bradley	14.7	11.4	18.8	66	18.4	12.4	26.1	33	12.2	8.4	17.2	33
Campbell	24	18.3	31.2	59	32.1	21.6	45.9	33	18.4	11.9	27.4	26
Cannon	17.1	9.1	29.6	13	^	^	^	^	^	^	^	^
Carroll	29	21.9	37.8	58	44.6	30.8	62.6	34	18.4	11.6	28.5	24
Carter	21.6	16.9	27.2	74	30	21.2	41.2	40	16.1	11.1	22.9	34
Cheatham	14.4	8.9	21.9	22	^	^	^	^	^	^	^	^
Chester	23.6	14.4	36.7	20	28.5	13.5	52.5	10	20.9	9.9	39.2	10
Claiborne	21	14.5	29.4	34	20.6	10.3	36.3	12	21.7	13.6	33.3	22
Clay	28.6	15.5	48.9	14	^	^	^	^	^	^	^	^
Cocke	20.3	14.4	28	39	33.9	21.5	50.5	26	11.5	6.1	20	13
Coffee	22.2	17	28.4	64	24.6	16.3	35.6	29	20.7	14.3	29	35
Crockett	16.4	9.3	27.3	16	^	^	^	^	^	^	^	^
Cumberland	14.2	10.7	18.8	57	20.7	14.3	29.4	37	9.2	5.6	14.9	20
Davidson	18.3	16.7	20	488	23.2	20.2	26.4	238	15.2	13.4	17.3	250
Decatur	20.5	11.9	33.8	17	^	^	^	^	^	^	^	^
DeKalb	15.2	8.7	25	16	^	^	^	^	^	^	^	^
Dickson	22	16.2	29.2	48	29.9	19.2	44	27	15.9	9.8	24.5	21
Dyer	17.2	12	23.9	36	17	9.6	27.9	16	16	9.7	25	20
Fayette	13.1	8.2	19.8	23	16.5	8.3	29.2	12	11.1	5.5	20.2	11
Fentress	15	8.4	25.2	15	^	^	^	^	^	^	^	^
Franklin	16.7	11.9	22.9	40	24.2	15.1	36.6	23	12.4	7.2	20.3	17
Gibson	27.2	21.8	33.8	88	35	25.4	47.1	44	22	15.8	30.2	44
Giles	26	18.9	35	45	36.5	23.6	54	26	17.1	10.2	27.6	19
Grainger	19.5	12.1	29.7	22	20.4	9.1	38.6	10	19.1	9.8	33.9	12
Greene	18.9	14.8	23.9	74	25.4	17.9	34.9	41	14.7	10	20.9	33
Grundy	28.8	18.4	43.1	24	37.4	19.8	64.2	13	22.3	11.1	41.1	11
Hamblen	24.4	19.3	30.5	79	38.9	28.5	51.7	51	14.6	9.7	21.4	28

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Hamilton	17.7	15.8	19.8	314	24.4	20.7	28.5	163	13.9	11.7	16.4	151
Hancock	^	^	^	^	^	^	^	^	^	^	^	^
Hardeman	30.8	22.4	41.3	45	29.9	18.1	46.3	20	30.7	19.7	45.9	25
Hardin	15	9.5	22.6	24	^	^	^	^	^	^	^	^
Hawkins	15.6	11.5	20.7	48	19.2	12.4	28.6	26	12.2	7.6	18.8	22
Haywood	23.8	15.4	35.3	25	26.2	12.4	47.9	10	23.3	12.9	39.2	15
Henderson	18.5	12.2	27.1	27	25.4	13.1	43.6	13	17.4	9.5	29.5	14
Henry	22.9	16.8	30.7	48	21.8	13.4	34	21	21	13.6	31.7	27
Hickman	23.8	15.8	34.5	28	23.3	12.2	40.3	13	24.1	13.4	40.2	15
Houston	^	^	^	^	^	^	^	^	^	^	^	^
Humphreys	16.2	9.4	26.3	17	^	^	^	^	^	^	^	^
Jackson	21.8	12.2	36.8	15	^	^	^	^	^	^	^	^
Jefferson	14.7	10.4	20.4	38	17.7	10.3	28.3	19	12.4	7.4	19.7	19
Johnson	15.8	9.3	25.5	18	^	^	^	^	^	^	^	^
Knox	16.5	14.8	18.3	343	19.6	16.7	23	165	14.1	12.1	16.3	178
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Lauderdale	28.1	19.7	38.8	37	25.5	13.8	42.7	14	29.7	18.6	45.2	23
Lawrence	16.4	11.5	22.6	38	16.2	9.4	26.1	17	15.5	9.5	24.2	21
Lewis	26.5	15.1	43.3	16	^	^	^	^	^	^	^	^
Lincoln	26.4	19.7	34.8	52	36.6	24.5	52.7	30	18.5	11.5	28.7	22
Loudon	16.8	12.2	22.7	45	18.7	11.7	28.6	23	14	8.7	21.8	22
McMinn	22.6	17.5	28.9	66	28.1	18.9	40.1	32	19.9	13.7	28.1	34
McNairy	24.1	16.9	33.5	37	22.5	12.5	37.6	15	26	16	40.2	22
Macon	22	14	32.8	24	23.8	11.4	43.4	11	18.9	10	33.2	13
Madison	16.6	13.1	20.7	79	20.3	14.3	27.7	39	13.8	9.8	18.9	40
Marion	13	7.7	20.4	19	^	^	^	^	^	^	^	^
Marshall	18.3	11.9	26.9	26	17	8	31.4	10	19.5	11.1	32	16
Mauzy	19.3	15.1	24.3	72	23.6	16.2	32.9	35	16.6	11.6	23	37
Meigs	^	^	^	^	^	^	^	^	^	^	^	^
Monroe	18.1	13	24.6	42	23.7	14.7	35.9	23	14.9	8.9	23.6	19
Montgomery	19.4	15.6	23.7	96	21.3	15.3	28.8	46	17.3	12.8	22.8	50
Moore	^	^	^	^	0	0	0	0	^	^	^	^
Morgan	16.3	9.2	26.6	16	^	^	^	^	^	^	^	^
Obion	18.6	13.2	25.8	38	25.4	15.6	39.2	21	12.5	7.2	20.9	17
Overton	23.5	15.5	34.3	28	29	15.8	48.8	15	18.5	9.6	32.8	13
Perry	29.9	16.3	51.1	14	^	^	^	^	^	^	^	^
Pickett	^	^	^	^	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
ALL RACES												
Polk	22.5	13.9	34.8	21	28.7	13.6	52.7	11	19.7	9.3	37.2	10
Putnam	15.7	11.8	20.5	55	19.3	12.8	27.9	28	12.8	8.4	18.9	27
Rhea	21.5	15	30	36	26.1	15.2	41.6	18	17.4	10.2	28.1	18
Roane	16.7	12.5	22	54	20	13	29.5	27	14.8	9.6	22	27
Robertson	18.5	13.6	24.6	48	24.2	15.6	35.4	28	13.4	8.1	20.7	20
Rutherford	17.6	14.6	21.1	123	22.4	16.9	28.8	66	14.1	10.6	18.2	57
Scott	23.9	15.6	35.2	26	28.1	14.3	49.1	13	20.1	10.6	34.8	13
Sequatchie	15.5	7.3	28.7	10	^	^	^	^	^	^	^	^
Sevier	16.7	13	21.2	70	21.5	14.7	30.2	37	14	9.6	19.9	33
Shelby	23.1	21.6	24.7	891	28.3	25.5	31.2	421	19.8	18.1	21.7	470
Smith	23.3	14.7	35.2	23	27	12.7	49.5	10	22.9	12.1	40	13
Stewart	26.8	16.1	42.2	19	^	^	^	^	^	^	^	^
Sullivan	18	15.4	20.9	179	25.3	20.5	30.9	101	13.2	10.4	16.6	78
Sumner	16.2	13.3	19.7	106	20.2	15.1	26.5	57	12.9	9.5	17.1	49
Tipton	22.2	16.3	29.3	49	26.8	16.2	41	21	20.6	13.7	29.8	28
Trousdale	25.9	12.8	47.1	11	^	^	^	^	^	^	^	^
Unicoi	21.4	14.1	31.8	27	24.4	12.5	43.5	12	20.2	11.2	35.3	15
Union	23.3	14	36.1	20	^	^	^	^	^	^	^	^
Van Buren	^	^	^	^	^	^	^	^	^	^	^	^
Warren	21.3	15.6	28.3	47	31.5	21.1	45.3	30	13.1	7.6	21.3	17
Washington	18.5	15.3	22.3	117	27.2	21	34.6	68	13.1	9.6	17.5	49
Wayne	17.6	10	28.8	16	^	^	^	^	^	^	^	^
Weakley	24.5	18	32.6	48	34	22.1	50	26	20.2	12.5	31.3	22
White	21.1	14.2	30.5	30	22.8	12.6	38.3	15	18	10	30.6	15
Williamson	17.6	14.1	21.6	95	20.6	14.6	27.9	49	15	10.9	20	46
Wilson	18.9	14.9	23.5	82	20	14.1	27.6	42	16.4	11.7	22.4	40

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Tennessee	17.9	17.4	18.4	4,753	22.6	21.7	23.6	2,447	14.6	14	15.3	2,306
Anderson	18.3	14.6	22.8	84	25.2	18.3	33.9	45	14.4	10.1	20.1	39
Bedford	21.7	15.5	29.6	40	26.1	15.8	40.3	21	17.5	10.4	27.6	19
Benton	17.1	10.3	27.2	20	18.2	8.5	35.5	10	16.6	7.6	32.7	10
Bledsoe	17.4	8.4	32	11	^	^	^	^	^	^	^	^
Blount	15.6	12.6	19	98	20.2	14.9	26.7	51	12.4	9.1	16.6	47
Bradley	15	11.5	19.1	65	18.4	12.3	26.3	32	12.6	8.6	17.7	33
Campbell	24.2	18.4	31.4	59	32.3	21.7	46.2	33	18.5	12	27.6	26
Cannon	17.4	9.2	30.1	13	^	^	^	^	^	^	^	^
Carroll	24.5	17.8	33.2	45	39.8	26.3	58	28	13.6	7.8	23.1	17
Carter	21.6	16.9	27.2	73	29.8	21	41	39	16.3	11.2	23.2	34
Cheatham	13.9	8.5	21.4	21	^	^	^	^	^	^	^	^
Chester	25.5	15.6	39.7	20	31	14.7	57.2	10	22.6	10.7	42.7	10
Claiborne	20.7	14.2	29.1	33	19.6	9.5	35.2	11	22	13.7	33.8	22
Clay	29.3	15.9	50.1	14	^	^	^	^	^	^	^	^
Cocke	19.5	13.7	27.1	37	32.7	20.5	49.2	25	10.8	5.6	19.3	12
Coffee	22.1	16.9	28.4	62	24.4	16	35.6	28	20.6	14.2	29.2	34
Crockett	14	7.1	25.3	12	^	^	^	^	^	^	^	^
Cumberland	14.3	10.7	18.9	57	20.8	14.3	29.5	37	9.2	5.6	14.9	20
Davidson	16.4	14.8	18.3	351	20.5	17.5	23.9	170	13.9	11.9	16.1	181
Decatur	21.3	12.3	35	17	^	^	^	^	^	^	^	^
DeKalb	14.7	8.2	24.5	15	^	^	^	^	^	^	^	^
Dickson	21.1	15.3	28.4	44	29	18.2	43.3	25	14.9	8.9	23.5	19
Dyer	16.7	11.4	23.7	32	16.2	8.7	27.6	14	15.8	9.4	25.6	18
Fayette	11.9	6.6	20	15	^	^	^	^	^	^	^	^
Fentress	15.1	8.4	25.3	15	^	^	^	^	^	^	^	^
Franklin	16.3	11.5	22.7	37	23.3	14.2	35.9	21	12.3	7	20.5	16
Gibson	25.9	20.2	33	72	36.3	25.8	49.9	39	18.9	12.7	27.5	33
Giles	23	16	32.2	35	37.3	23.4	56.5	23	12.9	6.6	23.5	12
Grainger	18.7	11.4	28.8	21	^	^	^	^	^	^	^	^
Greene	19	14.9	24.1	73	25.9	18.3	35.5	41	14.4	9.8	20.7	32
Grundy	29	18.5	43.4	24	37.7	19.9	64.7	13	22.5	11.1	41.5	11
Hamblen	24.7	19.5	31	77	39	28.5	52	50	14.7	9.7	21.6	27
Hamilton	15.9	13.9	18.1	237	21.3	17.7	25.5	123	12.6	10.4	15.3	114
Hancock	^	^	^	^	^	^	^	^	^	^	^	^
Hardeman	26.6	17.6	39	28	27.6	15	47.4	14	24.9	13.3	43.8	14
Hardin	15.5	9.8	23.4	24	^	^	^	^	^	^	^	^
Hawkins	15.6	11.5	20.9	47	19.1	12.1	28.6	25	12.5	7.8	19.2	22
Haywood	23.9	13.4	40.4	15	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Henderson	17.7	11.3	26.5	24	24.1	11.6	43.1	11	17.3	9.2	30	13
Henry	20.5	14.6	28.2	41	18.3	10.5	30.2	17	19.4	12.2	30	24
Hickman	24.6	16.3	35.7	28	24.2	12.6	41.8	13	24.8	13.8	41.4	15
Houston	^	^	^	^	^	^	^	^	^	^	^	^
Humphreys	16.7	9.7	27	17	^	^	^	^	^	^	^	^
Jackson	20.3	11	34.8	14	^	^	^	^	^	^	^	^
Jefferson	14	9.7	19.7	35	17.5	10	28.2	18	11.3	6.5	18.4	17
Johnson	15.9	9.4	25.7	18	^	^	^	^	^	^	^	^
Knox	15.7	14	17.6	304	19.6	16.5	23.1	153	12.9	10.9	15.1	151
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Lauderdale	25.6	16.5	38.1	25	^	^	^	^	^	^	^	^
Lawrence	16.7	11.7	23	38	16.5	9.5	26.6	17	15.8	9.6	24.6	21
Lewis	26.9	15.3	43.9	16	^	^	^	^	^	^	^	^
Lincoln	24.6	17.9	33.1	45	35.6	23.2	52.3	27	16.5	9.7	26.8	18
Loudon	16.4	11.8	22.3	43	18.3	11.3	28.2	22	13.6	8.3	21.4	21
McMinn	22	16.9	28.3	62	27.2	18	39.4	30	19.5	13.3	27.9	32
McNairy	23.9	16.6	33.5	35	23.6	13.1	39.5	15	24.8	14.9	39.3	20
Macon	22.1	14.1	33	24	24	11.5	43.7	11	19	10	33.4	13
Madison	15.2	11.4	19.9	55	19.6	13	28.2	29	12	7.8	17.9	26
Marion	12.7	7.5	20.4	18	^	^	^	^	^	^	^	^
Marshall	15.3	9.3	23.6	20	^	^	^	^	^	^	^	^
Maury	17	12.8	22.1	56	19.4	12.4	28.8	25	15.7	10.6	22.4	31
Meigs	13.4	5.3	27.7	7	^	^	^	^	^	^	^	^
Monroe	17.6	12.6	24.2	40	21.7	13.1	33.6	21	15.4	9.2	24.3	19
Montgomery	18.9	15	23.6	80	19.9	13.6	27.7	37	17.7	12.8	23.8	43
Moore	^	^	^	^	0	0	0	0	^	^	^	^
Morgan	16.4	9.3	26.8	16	^	^	^	^	^	^	^	^
Obion	18.6	12.9	26.1	35	22.4	13.2	35.9	18	13.5	7.8	22.6	17
Overton	23.7	15.6	34.5	28	29.3	16	49.2	15	18.6	9.7	33	13
Perry	30.3	16.5	51.8	14	^	^	^	^	^	^	^	^
Pickett	^	^	^	^	^	^	^	^	^	^	^	^
Polk	22.6	14	35	21	28.8	13.7	52.9	11	19.8	9.4	37.4	10
Putnam	16	12	20.9	55	19.7	13.1	28.5	28	13	8.5	19.3	27
Rhea	21.4	14.9	29.9	35	25.2	14.4	40.9	17	17.8	10.4	28.9	18
Roane	16.9	12.6	22.3	53	20.6	13.4	30.3	27	14.7	9.5	22.1	26
Robertson	17.7	12.7	23.9	42	23.9	15	36	25	12.5	7.2	20	17
Rutherford	18	14.8	21.6	115	22	16.5	28.7	61	14.7	11	19.2	54
Scott	24.1	15.6	35.4	26	28.3	14.4	49.3	13	20.2	10.7	35	13
Sequatchie	15.6	7.4	28.9	10	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
WHITES												
Sevier	16.9	13.1	21.4	70	21.7	14.8	30.5	37	14.2	9.7	20	33
Shelby	16.6	15	18.4	392	19.6	16.7	22.8	177	14.6	12.7	16.8	215
Smith	22	13.6	33.9	21	^	^	^	^	^	^	^	^
Stewart	27.5	16.5	43.3	19	^	^	^	^	^	^	^	^
Sullivan	18.1	15.5	21	177	25.7	20.8	31.4	101	13.1	10.3	16.5	76
Sumner	16.1	13	19.6	99	20.5	15.2	27	54	12.5	9.1	16.8	45
Tipton	20.5	14.3	28.4	37	27	15.1	43.4	17	18.3	11.2	28.4	20
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	21.5	14.1	31.9	27	24.5	12.5	43.5	12	20.3	11.2	35.4	15
Union	23.4	14.1	36.3	20	^	^	^	^	^	^	^	^
Van Buren	^	^	^	^	^	^	^	^	^	^	^	^
Warren	21.1	15.4	28.3	45	30.5	20.1	44.4	28	13.5	7.9	22.1	17
Washington	19	15.7	22.8	116	28.1	21.7	35.7	68	13.3	9.7	17.8	48
Wayne	17	9.5	28.3	15	^	^	^	^	^	^	^	^
Weakley	24.6	17.9	33	46	35.5	23	52.2	26	19.1	11.4	30.4	20
White	20.8	13.9	30.2	29	23.3	12.9	39.1	15	16.9	9.1	29.2	14
Williamson	16.5	13	20.5	84	20.9	14.7	28.6	46	13.2	9.3	18.2	38
Wilson	18.6	14.5	23.5	75	19.3	13.2	27.1	37	16.7	11.8	22.9	38

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Tennessee	30.3	28.4	32.2	1,021	38.5	35	42.2	490	25.3	23.2	27.6	531
Anderson	^	^	^	^	^	^	^	^	^	^	^	^
Bedford	^	^	^	^	^	^	^	^	^	^	^	^
Benton	0	0	0	0	0	0	0	0	0	0	0	0
Bledsoe	0	0	0	0	0	0	0	0	0	0	0	0
Blount	0	0	0	0	0	0	0	0	0	0	0	0
Bradley	^	^	^	^	^	^	^	^	0	0	0	0
Campbell	0	0	0	0	0	0	0	0	0	0	0	0
Cannon	0	0	0	0	0	0	0	0	0	0	0	0
Carroll	76.4	40.5	131.9	13	^	^	^	^	^	^	^	^
Carter	^	^	^	^	^	^	^	^	0	0	0	0
Cheatham	^	^	^	^	^	^	^	^	0	0	0	0
Chester	0	0	0	0	0	0	0	0	0	0	0	0
Claiborne	^	^	^	^	^	^	^	^	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0	0	0
Cocke	^	^	^	^	^	^	^	^	^	^	^	^
Coffee	^	^	^	^	^	^	^	^	^	^	^	^
Crockett	^	^	^	^	^	^	^	^	^	^	^	^
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	27.9	23.3	33.1	135	37.8	28.6	48.6	66	22.4	17.4	28.4	69
Decatur	0	0	0	0	0	0	0	0	0	0	0	0
DeKalb	^	^	^	^	^	^	^	^	0	0	0	0
Dickson	^	^	^	^	^	^	^	^	^	^	^	^
Dyer	^	^	^	^	^	^	^	^	^	^	^	^
Fayette	^	^	^	^	^	^	^	^	^	^	^	^
Fentress	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	^	^	^	^	^	^	^	^	^	^	^	^
Gibson	32.8	18.7	53.4	16	^	^	^	^	^	^	^	^
Giles	51	24.3	95.2	10	^	^	^	^	^	^	^	^
Grainger	^	^	^	^	^	^	^	^	0	0	0	0
Greene	0	0	0	0	0	0	0	0	0	0	0	0
Grundy	0	0	0	0	0	0	0	0	0	0	0	0
Hamblen	^	^	^	^	^	^	^	^	^	^	^	^
Hamilton	28.5	22.4	35.8	75	43.2	30.3	59.2	39	21.6	15	30	36
Hancock	0	0	0	0	0	0	0	0	0	0	0	0
Hardeman	41.4	23.9	66.2	17	^	^	^	^	^	^	^	^
Hardin	0	0	0	0	0	0	0	0	0	0	0	0
Hawkins	^	^	^	^	^	^	^	^	0	0	0	0
Haywood	24	11.4	43.8	10	^	^	^	^	^	^	^	^
Henderson	^	^	^	^	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Henry	^	^	^	^	^	^	^	^	^	^	^	^
Hickman	0	0	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0	0	0
Humphreys	0	0	0	0	0	0	0	0	0	0	0	0
Jackson	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	^	^	^	^	^	^	^	^	^	^	^	^
Johnson	0	0	0	0	0	0	0	0	0	0	0	0
Knox	28.7	20.1	39.5	37	22	10.9	39.1	12	30.5	19.6	44.9	25
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Lauderdale	35.6	18	62	12	^	^	^	^	^	^	^	^
Lawrence	0	0	0	0	0	0	0	0	0	0	0	0
Lewis	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	^	^	^	^	^	^	^	^	^	^	^	^
Loudon	^	^	^	^	^	^	^	^	^	^	^	^
McMinn	^	^	^	^	^	^	^	^	^	^	^	^
McNairy	^	^	^	^	0	0	0	0	^	^	^	^
Macon	0	0	0	0	0	0	0	0	0	0	0	0
Madison	21.3	13.5	31.7	24	23.3	10.7	42.8	10	19.5	10.5	32.9	14
Marion	^	^	^	^	0	0	0	0	^	^	^	^
Marshall	^	^	^	^	^	^	^	^	^	^	^	^
Maury	35.9	20.4	58.2	16	^	^	^	^	^	^	^	^
Meigs	0	0	0	0	0	0	0	0	0	0	0	0
Monroe	^	^	^	^	^	^	^	^	0	0	0	0
Montgomery	24.9	13.4	41	15	^	^	^	^	^	^	^	^
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Obion	^	^	^	^	^	^	^	^	0	0	0	0
Overton	0	0	0	0	0	0	0	0	0	0	0	0
Perry	0	0	0	0	0	0	0	0	0	0	0	0
Pickett	0	0	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	0	0	0	0	0	0	0	0	0	0	0	0
Rhea	^	^	^	^	^	^	^	^	0	0	0	0
Roane	^	^	^	^	0	0	0	0	^	^	^	^
Robertson	^	^	^	^	^	^	^	^	^	^	^	^
Rutherford	^	^	^	^	^	^	^	^	^	^	^	^
Scott	0	0	0	0	0	0	0	0	0	0	0	0
Sequatchie	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	0	0	0	0	0	0	0	0	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

County	TOTAL				MALES				FEMALES			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
BLACKS												
Shelby	34.2	31.1	37.4	496	44.3	38.5	50.7	242	28.2	24.8	31.9	254
Smith	^	^	^	^	^	^	^	^	^	^	^	^
Stewart	0	0	0	0	0	0	0	0	0	0	0	0
Sullivan	^	^	^	^	0	0	0	0	^	^	^	^
Sumner	^	^	^	^	^	^	^	^	^	^	^	^
Tipton	29.2	15	50.5	12	^	^	^	^	^	^	^	^
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Van Buren	^	^	^	^	0	0	0	0	^	^	^	^
Warren	^	^	^	^	^	^	^	^	0	0	0	0
Washington	^	^	^	^	0	0	0	0	^	^	^	^
Wayne	^	^	^	^	^	^	^	^	0	0	0	0
Weakley	^	^	^	^	0	0	0	0	^	^	^	^
White	^	^	^	^	0	0	0	0	^	^	^	^
Williamson	34.1	15.6	63.6	10	^	^	^	^	^	^	^	^
Wilson	^	^	^	^	^	^	^	^	^	^	^	^

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. ^--Data suppressed.

Female Breast Cancer

Table 19. Age-Adjusted Female Breast Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Sex, Race, and Diagnosis Year for the Five-Year Period 2002-2006.

FEMALES												
	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
2002-2006	116.6	114.9	118.2	19,644	116	114.3	117.8	16,772	117.3	112.8	121.9	2,645
2002	117.7	114	121.5	3,825	118.4	114.4	122.5	3,310	109.3	99.6	119.7	475
2003	114.4	110.8	118.2	3,794	113.6	109.7	117.6	3,233	120.7	110.5	131.6	527
2004	111	107.5	114.7	3,728	110.7	106.9	114.6	3,185	113.1	103.4	123.4	510
2005	121.7	118	125.5	4,166	121.7	117.7	125.9	3,570	119.3	109.3	129.9	544
2006	117.9	114.3	121.5	4,131	115.7	111.9	119.7	3,474	123.8	113.9	134.4	589
OTHERS												
	Rate	Lower CI	Upper CI	Count								
2002-2006	136.9	116.1	159.9	227								
2002	104.7	73.6	145.5	40								
2003	102.6	65.7	151.3	34								
2004	109.3	68.8	162.5	33								
2005	162.2	112.7	223.7	52								
2006	190.2	138.3	253.1	68								

Note: "Others" includes Hispanics, American Indian/Alaska Native, and Asian/Pacific Islander.

Table 20. Age-Specific Female Breast Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Age Category, All Races Combined, for the Five-Year Period 2002-2006.

FEMALES				
Age at Diagnosis	Rate	Lower CI	Upper CI	Count
0	0	0	0	0
01-04	0	0	0	0
05-09	0	0	0	0
10-14	^	^	^	^
15-19	^	^	^	^
20-24	1.9	1.2	3	19
25-29	11.3	9.3	13.6	112
30-34	27	23.9	30.4	278
35-39	63.4	58.8	68.4	681
40-44	118.2	112	124.7	1,366
45-49	171.3	163.8	179.1	1,959
50-54	219.8	210.9	228.9	2,304
55-59	286.4	275.4	297.6	2,582
60-64	335.1	321.9	348.8	2,411
65-69	370.1	354.8	385.9	2,195
70-74	384.7	367.8	402.2	1,942
75-79	376	358	394.7	1,634
80-84	373.1	352.7	394.4	1,251
85+	270.8	253.5	289.1	904

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 21. Age-Adjusted Female Breast Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by County and Race for the 5-Year Period 2002-2006.

FEMALES												
County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Tennessee	116.6	114.9	118.2	19,644	116	114.3	117.8	16,772	117.3	112.8	121.9	2,645
Anderson	119	105.5	133.9	292	^	^	^	^	^	^	^	^
Bedford	116.5	96.8	139	125	^	^	^	^	^	^	^	^
Benton	123.3	95.1	157.9	69	126.5	97.5	162.1	69	0	0	0	0
Bledsoe	78	51.2	114.7	27	79.3	52.1	116.6	27	0	0	0	0
Blount	112	101.2	123.8	397	112.3	101.3	124.3	385	115.3	54.5	213.5	10
Bradley	112.8	100.2	126.6	295	110.6	97.9	124.5	279	136.7	67.3	244.4	11
Campbell	110.4	92.8	130.5	144	^	^	^	^	^	^	^	^
Cannon	88.3	61	124.1	34	^	^	^	^	^	^	^	^
Carroll	187.5	159.4	219.4	167	183	153.6	216.6	146	206.7	121.8	329	18
Carter	80.4	67.8	94.8	148	^	^	^	^	^	^	^	^
Cheatham	109.9	89.8	133.2	107	^	^	^	^	^	^	^	^
Chester	89.1	63	122.6	39	^	^	^	^	^	^	^	^
Claiborne	125.4	103.5	150.7	117	125.8	103.8	151.4	116	0	0	0	0
Clay	47.4	24.9	83.5	13	48.2	25.4	85.1	13	0	0	0	0
Cocke	88.8	71.7	109.1	95	91	73.4	111.7	95	0	0	0	0
Coffee	108.4	92.2	126.7	163	^	^	^	^	^	^	^	^
Crockett	120.7	89.6	159.3	52	^	^	^	^	^	^	^	^
Cumberland	130.3	113.3	149.3	239	^	^	^	^	^	^	^	^
Davidson	123.5	118	129.2	1,896	121.5	115.2	128.1	1,423	131.9	119.8	144.9	448
Decatur	88.6	60.7	125.9	35	92.8	63.5	132	35	0	0	0	0
DeKalb	109.7	83.8	141.6	62	^	^	^	^	^	^	^	^
Dickson	118.5	100.1	139.4	148	114.7	96.2	135.7	137	200.1	94.1	372.2	10
Dyer	96.7	79.1	117.1	108	92.1	74	113.4	92	130	71.1	215.9	15
Fayette	73.6	57.3	93.3	70	57.7	40.7	79.8	38	110.7	75.5	156.7	32
Fentress	93.3	68.3	124.8	48	93.7	68.6	125.2	48	0	0	0	0
Franklin	91.5	75.3	110.3	115	^	^	^	^	^	^	^	^
Gibson	136.6	118.6	156.7	219	133.5	113.9	155.8	178	147.3	104.9	201.2	40
Giles	83.4	65.4	105.1	76	^	^	^	^	^	^	^	^
Grainger	144.4	116.1	177.8	92	143.7	115.4	177.1	91	0	0	0	0
Greene	117.1	102.7	133	248	^	^	^	^	^	^	^	^
Grundy	135.6	101.5	177.7	55	136.7	102.3	179	55	0	0	0	0
Hamblen	108.6	93.7	125.2	196	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

FEMALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Hamilton	123.8	116.8	131.1	1,205	122	114.4	130.1	976	130.2	113.2	148.9	215
Hancock	113.4	72.2	171.1	24	106.7	66.4	163.7	22	0	0	0	0
Hardeman	87.5	67.5	111.7	66	76.2	53.8	105.6	40	106.8	69.4	156.7	26
Hardin	105	84	130	90	^	^	^	^	^	^	^	^
Hawkins	83.7	70.3	98.9	143	85.4	71.8	100.9	143	0	0	0	0
Haywood	73.6	53	99.7	43	71.3	44.8	109.2	24	65.8	38.8	104.5	18
Henderson	110.3	88.4	136.1	89	^	^	^	^	^	^	^	^
Henry	134.3	112.6	159.4	143	130.5	108	156.6	127	186.3	106.1	305.8	16
Hickman	109.6	85.3	139	70	110.2	85.4	140.2	68	0	0	0	0
Houston	97.9	62.6	147	25	^	^	^	^	^	^	^	^
Humphreys	215.7	178	259.2	119	^	^	^	^	^	^	^	^
Jackson	91	62.2	129.6	33	91.5	62.6	130.3	33	0	0	0	0
Jefferson	125.3	107.1	145.8	173	^	^	^	^	^	^	^	^
Johnson	106.9	80.5	139.9	58	107.9	81.2	141.1	58	0	0	0	0
Knox	123.4	117.1	130	1,445	125.6	119	132.6	1,346	93.1	73.7	115.9	80
Lake	120.6	75.7	184.1	24	^	^	^	^	^	^	^	^
Lauderdale	104.3	81.8	131.2	75	106.2	79.8	139.1	56	98.7	58.1	155.8	18
Lawrence	122.2	103.3	143.7	153	124.5	105.2	146.4	153	0	0	0	0
Lewis	59.6	36.7	92.2	21	60.6	37.3	93.8	21	0	0	0	0
Lincoln	93.5	75.7	114.4	100	^	^	^	^	^	^	^	^
Loudon	136.9	118.3	158	203	^	^	^	^	^	^	^	^
McMinn	86.8	72.7	103	137	^	^	^	^	^	^	^	^
McNairy	125.7	101.6	154	100	^	^	^	^	^	^	^	^
Macon	100.3	76.2	129.9	59	101.2	76.8	131	59	0	0	0	0
Madison	109.8	97.4	123.4	287	105.7	91.4	121.8	199	113.7	90.5	140.9	85
Marion	125.9	102.9	152.8	107	^	^	^	^	^	^	^	^
Marshall	125.8	102.4	153.1	102	^	^	^	^	^	^	^	^
Maury	126.6	111.8	142.9	265	127	111	144.7	229	111.6	76.1	158.1	32
Meigs	106.7	73.4	150.3	34	108.7	74.8	153.2	34	0	0	0	0
Monroe	96.5	79.7	115.9	118	^	^	^	^	^	^	^	^
Montgomery	105.5	94.3	117.8	323	101.3	89.1	114.7	249	118.9	88.7	155.7	56
Moore	^	^	^	^	^	^	^	^	0	0	0	0
Morgan	117.1	90	150.3	64	116.3	89.2	149.5	63	0	0	0	0
Obion	94.7	76.4	116.2	96	^	^	^	^	^	^	^	^
Overton	86.3	64.6	113.2	55	86.9	65.1	114	55	0	0	0	0
Perry	83.8	52.1	129.6	22	85.5	53.2	132.3	22	0	0	0	0
Pickett	95.8	50.8	165.5	14	96.4	51.1	166.6	14	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

FEMALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Polk	99.7	74.1	131.9	52	100.5	74.7	132.9	52	0	0	0	0
Putnam	151.9	134.4	171	281	^	^	^	^	^	^	^	^
Rhea	157.2	131.9	186.2	141	^	^	^	^	^	^	^	^
Roane	109.7	94.6	126.6	198	^	^	^	^	^	^	^	^
Robertson	118.5	101.9	137.1	183	117.7	100.5	137.1	166	138.8	80.5	222.2	17
Rutherford	114.5	104.7	124.8	525	113.3	103.1	124.2	466	139.6	103.2	184	53
Scott	118.5	92.4	149.9	71	119.4	93.1	151	71	0	0	0	0
Sequatchie	63.8	40.7	96	24	64.3	41	96.7	24	0	0	0	0
Sevier	113.8	100.6	128.4	273	^	^	^	^	^	^	^	^
Shelby	119.7	115.3	124.2	2,814	123.4	117.4	129.7	1,600	113.5	107	120.3	1,172
Smith	92	67.8	122.2	49	^	^	^	^	^	^	^	^
Stewart	106.3	76.1	145.2	41	^	^	^	^	^	^	^	^
Sullivan	116.6	107.3	126.6	605	^	^	^	^	^	^	^	^
Sumner	114.3	103.9	125.4	453	113.1	102.5	124.6	422	163.9	109.9	233.9	30
Tipton	101.2	85.3	119.2	145	89.2	72.7	108.3	103	160.4	114.9	217.6	41
Trousdale	66.3	36.1	112.1	14	^	^	^	^	^	^	^	^
Unicoi	133.2	104.4	168	79	132.8	103.9	167.7	78	0	0	0	0
Union	80.9	58.2	109.8	42	81.3	58.5	110.3	42	0	0	0	0
Van Buren	115.3	70.1	181.3	20	115.9	70.5	182.3	20	0	0	0	0
Warren	115	96.3	136.5	135	^	^	^	^	^	^	^	^
Washington	121.6	110	134.2	409	^	^	^	^	^	^	^	^
Wayne	84.7	60.1	116.6	40	85.7	60.8	118	40	0	0	0	0
Weakley	121.9	100.5	146.7	118	116.9	95.3	142.1	107	216.3	107.1	387.1	11
White	116.4	92.9	144.4	87	^	^	^	^	^	^	^	^
Williamson	137.8	125.9	150.6	524	138.6	126.2	151.8	493	108.8	67.7	166.5	22
Wilson	117.5	104.6	131.5	309	119.8	106.3	134.6	293	84.2	45.8	142.2	14

Note: Age-Adjusted Rates presented for "All Races Combined" include counts for those of "Other" race, which are not presented separately. ^--Data suppressed.

Table 22. Age-Adjusted Female Breast Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Race and Diagnosis Year for the Five-Year Period 2002-2006.

	FEMALES											
	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
2002-2006	25.8	25.1	26.6	4,487	24	23.2	24.8	3,624	38	35.4	40.7	832
2002	25.8	24.1	27.6	865	24.5	22.8	26.4	717	33.7	28.3	39.8	141
2003	27.5	25.7	29.3	931	25.5	23.6	27.4	750	40.5	34.7	47	177
2004	25.4	23.8	27.2	882	23.6	21.9	25.4	714	37.6	32	43.9	162
2005	26.2	24.5	27.9	924	24.1	22.3	25.9	738	39.8	34.1	46.1	181
2006	24.4	22.8	26.1	885	22.3	20.7	24.1	705	38.1	32.5	44.3	171

Note: The "All Races" category includes those of "Other" race, which are not presented separately. ^--Data suppressed.

Table 23. Age-Specific Female Breast Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Age Category, All Races Combined, for the Five-Year Period 2002-2006.

FEMALES				
Age at Diagnosis	Rate	Lower CI	Upper CI	Count
0	0	0	0	0
01-04	0	0	0	0
05-09	0	0	0	0
10-14	0	0	0	0
15-19	0	0	0	0
20-24	^	^	^	^
25-29	^	^	^	^
30-34	4.5	3.3	6	46
35-39	9.9	8.1	11.9	106
40-44	16.6	14.3	19.1	192
45-49	28	25	31.2	320
50-54	36	32.4	39.8	377
55-59	53.6	48.9	58.6	483
60-64	66.9	61	73.1	481
65-69	74.4	67.6	81.6	441
70-74	93.5	85.3	102.3	472
75-79	114.1	104.3	124.7	496
80-84	132.1	120.1	145	443
85+	185.2	170.8	200.3	618

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 24. Age-Adjusted Female Breast Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by County and Race for the 5-Year Period 2002-2006.

FEMALES												
County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Tennessee	25.8	25.1	26.6	4,487	24	23.2	24.8	3,624	38	35.4	40.7	832
Anderson	16.6	12	22.6	45	^	^	^	^	^	^	^	^
Bedford	23.7	15.5	34.9	26	^	^	^	^	^	^	^	^
Benton	18.7	9.2	34.9	12	19.1	9.4	35.9	12	0	0	0	0
Bledsoe	^	^	^	^	^	^	^	^	0	0	0	0
Blount	25.9	20.9	31.8	96	^	^	^	^	^	^	^	^
Bradley	31.4	24.9	39.1	81	^	^	^	^	^	^	^	^
Campbell	27	19	37.5	38	27.2	19.1	37.8	38	0	0	0	0
Cannon	^	^	^	^	^	^	^	^	0	0	0	0
Carroll	27.4	18	40.2	29	^	^	^	^	^	^	^	^
Carter	23.7	17.3	31.9	46	^	^	^	^	^	^	^	^
Cheatham	33.9	23.1	48.1	32	^	^	^	^	^	^	^	^
Chester	28.2	14.8	49.1	13	^	^	^	^	^	^	^	^
Claiborne	23.5	14.8	35.7	23	23.8	15	36.2	23	0	0	0	0
Clay	^	^	^	^	^	^	^	^	0	0	0	0
Cocke	21.2	13.4	32.2	23	^	^	^	^	^	^	^	^
Coffee	29.2	21.3	39.1	47	30.2	22.1	40.6	47	0	0	0	0
Crockett	22.4	11	41.4	11	^	^	^	^	^	^	^	^
Cumberland	17.5	12	25.1	35	17.6	12.1	25.2	35	0	0	0	0
Davidson	26.5	24	29.2	419	23.7	21	26.6	295	36	29.7	43.1	119
Decatur	32.2	15.9	58.6	12	33.8	16.7	61.6	12	0	0	0	0
DeKalb	24.2	13.1	41.6	14	24.7	13.3	42.4	14	0	0	0	0
Dickson	26.3	18.1	37.1	33	^	^	^	^	^	^	^	^
Dyer	21.5	13.9	32	26	^	^	^	^	^	^	^	^
Fayette	23	14.6	34.9	23	^	^	^	^	^	^	^	^
Fentress	24.7	13	43	13	24.8	13.1	43.2	13	0	0	0	0
Franklin	21.7	14.4	31.6	29	^	^	^	^	^	^	^	^
Gibson	29.2	21.6	38.7	55	27.1	19.2	37.5	43	39.7	20.1	70.8	12
Giles	24.6	15.6	37.4	24	^	^	^	^	^	^	^	^
Grainger	47.4	31.9	68.2	30	47.9	32.2	68.9	30	0	0	0	0
Greene	32.3	25.1	41	71	^	^	^	^	^	^	^	^
Grundy	25	12.3	45.7	11	25.2	12.4	46.1	11	0	0	0	0
Hamblen	19.5	13.6	27.2	36	20.4	14.2	28.5	36	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

FEMALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Hamilton	26.4	23.3	29.9	266	24.4	21.1	28.1	206	36.5	27.8	47	60
Hancock	^	^	^	^	^	^	^	^	0	0	0	0
Hardeman	23.2	13.6	37.2	18	^	^	^	^	^	^	^	^
Hardin	21.7	12.9	34.7	19	22.5	13.4	36	19	0	0	0	0
Hawkins	32.4	24.5	42.2	58	32.5	24.5	42.4	57	0	0	0	0
Haywood	27.3	15.7	44.6	17	^	^	^	^	^	^	^	^
Henderson	40.8	27.8	58	32	^	^	^	^	^	^	^	^
Henry	29.3	20	41.9	33	^	^	^	^	^	^	^	^
Hickman	26.7	15.5	43.2	17	27.5	16	44.6	17	0	0	0	0
Houston	^	^	^	^	^	^	^	^	0	0	0	0
Humphreys	^	^	^	^	^	^	^	^	0	0	0	0
Jackson	^	^	^	^	^	^	^	^	0	0	0	0
Jefferson	20.8	13.9	30	30	^	^	^	^	^	^	^	^
Johnson	18	8.9	33.9	11	18.2	9	34.2	11	0	0	0	0
Knox	22.7	20.1	25.6	276	22.2	19.5	25.2	248	30.6	19.8	45.2	25
Lake	^	^	^	^	^	^	^	^	0	0	0	0
Lauderdale	34.4	22.1	51.2	25	27.7	15.3	46.7	15	47.2	22.4	87.6	10
Lawrence	23.3	15.7	33.5	31	23.8	16	34.2	31	0	0	0	0
Lewis	^	^	^	^	^	^	^	^	0	0	0	0
Lincoln	30	20.6	42.7	34	^	^	^	^	^	^	^	^
Loudon	19.6	12.9	28.8	29	19.9	13.2	29.3	29	0	0	0	0
McMinn	21	14.5	29.5	35	^	^	^	^	^	^	^	^
McNairy	18.1	10.2	30.2	16	^	^	^	^	^	^	^	^
Macon	27.6	16	44.7	17	27.8	16.1	45	17	0	0	0	0
Madison	20.9	15.8	27.1	58	19.8	14.1	27.2	41	21.9	12.6	35.3	17
Marion	34.6	23.3	49.8	30	36.4	24.5	52.4	30	0	0	0	0
Marshall	35.4	23.6	51.2	29	^	^	^	^	^	^	^	^
Mauzy	24.5	18.3	32.2	53	22.8	16.5	30.9	43	35.1	16.7	64.9	10
Meigs	^	^	^	^	^	^	^	^	0	0	0	0
Monroe	23.2	15.3	33.8	28	^	^	^	^	^	^	^	^
Montgomery	23	17.8	29.1	68	20.4	15.1	26.9	50	45.6	26	72.6	17
Moore	^	^	^	^	^	^	^	^	0	0	0	0
Morgan	30.6	18	49.2	18	30.8	18.2	49.5	18	0	0	0	0
Obion	21.2	13.3	32.4	23	^	^	^	^	^	^	^	^
Overton	24.9	14.3	40.8	17	25	14.4	41	17	0	0	0	0
Perry	^	^	^	^	^	^	^	^	0	0	0	0
Pickett	^	^	^	^	^	^	^	^	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

FEMALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Polk	23.2	11.9	41.5	12	23.3	11.9	41.8	12	0	0	0	0
Putnam	29.2	22	38.1	57	^	^	^	^	^	^	^	^
Rhea	23.1	14.2	35.9	21	^	^	^	^	^	^	^	^
Roane	22.9	16.6	31	45	23.6	17.2	32.1	45	0	0	0	0
Robertson	21.2	14.6	29.8	33	^	^	^	^	^	^	^	^
Rutherford	22.5	18.2	27.4	100	21.3	17	26.4	85	34.4	17.7	59.5	13
Scott	25.1	14	41.8	15	25.3	14.1	42.1	15	0	0	0	0
Sequatchie	^	^	^	^	^	^	^	^	0	0	0	0
Sevier	21	15.6	27.7	51	^	^	^	^	^	^	^	^
Shelby	32.7	30.4	35.1	773	25.6	23	28.5	350	41.9	37.8	46.2	411
Smith	36.6	22.5	56.9	21	^	^	^	^	^	^	^	^
Stewart	26.8	12.8	50.2	10	^	^	^	^	^	^	^	^
Sullivan	23.3	19.4	27.9	127	^	^	^	^	^	^	^	^
Sumner	22.9	18.4	28.1	91	^	^	^	^	^	^	^	^
Tipton	33.1	24.2	44.2	46	26.9	18.2	38.3	31	57.4	31.9	94.7	15
Trousdale	^	^	^	^	^	^	^	^	^	^	^	^
Unicoi	35.1	22.5	53.4	26	35.2	22.6	53.6	26	0	0	0	0
Union	^	^	^	^	^	^	^	^	0	0	0	0
Van Buren	^	^	^	^	^	^	^	^	0	0	0	0
Warren	31.6	22.1	43.8	37	^	^	^	^	^	^	^	^
Washington	23.4	18.6	29.1	85	^	^	^	^	^	^	^	^
Wayne	21.6	10.7	39.9	11	21.8	10.8	40.3	11	0	0	0	0
Weakley	21.3	13.5	32.3	25	^	^	^	^	^	^	^	^
White	19.1	10.6	32.3	15	^	^	^	^	^	^	^	^
Williamson	21.9	17.1	27.7	75	^	^	^	^	^	^	^	^
Wilson	27.9	21.7	35.2	72	^	^	^	^	^	^	^	^

Notes: The "All Races" category includes those of "Other" race, which are not presented separately. ^--Data suppressed.

Prostate Cancer

Table 25. Age-Adjusted Prostate Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Diagnosis Year and Race for the Five-Year Period 2002-2006.

MALES												
	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
2002-2006	128.6	126.6	130.5	17,511	120.8	118.8	122.8	14,618	189.7	182.2	197.3	2,699
2002	116.5	112.3	120.7	3,069	112	107.7	116.5	2,623	152.6	137.9	168.3	423
2003	120.7	116.4	125.1	3,201	112.5	108.2	117	2,657	192.7	175.8	210.6	520
2004	121.6	117.4	125.9	3,284	116.1	111.7	120.6	2,786	163.2	147.9	179.5	463
2005	138.8	134.4	143.4	3,853	127.3	122.8	131.9	3,147	231.5	213.1	250.9	654
2006	143.6	139.1	148.2	4,104	134.8	130.2	139.5	3,405	205.9	189.4	223.5	639
OTHERS												
	Rate	Lower CI	Upper CI	Count								
2002-2006	251	209.5	297.1	194								
2002	132.4	73.6	214	23								
2003	117.7	71.5	181	24								
2004	253.8	163.4	368.3	35								
2005	329.8	227.2	455.5	52								
2006	386.1	274.8	520.3	60								

Table 26. Age-Specific Prostate Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by Age Category, All Races Combined, for the Five-Year Period 2002-2006.

MALES				
Age at Diagnosis	Rate	Lower CI	Upper CI	Count
0	0	0	0	0
01-04	^	^	^	^
05-09	0	0	0	0
10-14	0	0	0	0
15-19	^	^	^	^
20-24	^	^	^	^
25-29	0	0	0	0
30-34	0	0	0	0
35-39	^	^	^	^
40-44	7.2	5.8	9	81
45-49	35.6	32.1	39.3	388
50-54	121.8	115.1	128.9	1,214
55-59	274.3	263.3	285.7	2,330
60-64	469.4	453	486.3	3,083
65-69	696.9	674.2	720.1	3,567
70-74	762.8	735.9	790.5	3,018
75-79	702.8	672.8	733.8	2,064
80-84	619.2	583.6	656.5	1,128
85+	519.4	479.6	561.7	628

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 27. Age-Adjusted Prostate Cancer Incidence Rates and 95% Confidence Intervals (CI) Stratified by County and Race for the Five-Year Period 2002-2006.

MALES												
County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Tennessee	128.6	126.6	130.5	17,511	120.8	118.8	122.8	14,618	189.7	182.2	197.3	2,699
Anderson	144	127.7	161.9	287	136.2	120.1	154	262	283.7	154.1	472.5	15
Bedford	109.9	89.4	133.6	103	103.9	83.1	128.3	89	168.3	89.4	288.5	13
Benton	117.2	88.8	152.5	60	^	^	^	^	^	^	^	^
Bledsoe	95.5	64.8	136.1	34	92.6	62.5	132.9	33	0	0	0	0
Blount	117.1	104.8	130.4	344	^	^	^	^	^	^	^	^
Bradley	78.4	66.8	91.4	174	^	^	^	^	^	^	^	^
Campbell	129.2	108	153.6	144	^	^	^	^	^	^	^	^
Cannon	107	74.7	148.8	37	^	^	^	^	^	^	^	^
Carroll	96.8	76.8	120.6	82	90.7	70.7	115	71	157.6	78.1	282.6	11
Carter	56.8	45.1	70.7	86	57.3	45.5	71.3	86	0	0	0	0
Cheatham	94.2	72.6	119.9	74	^	^	^	^	^	^	^	^
Chester	110.8	79.6	150.2	42	^	^	^	^	^	^	^	^
Claiborne	117.2	94.3	144.2	95	^	^	^	^	^	^	^	^
Clay	108.8	71.4	160.9	28	110.7	72.6	163.7	28	0	0	0	0
Cocke	115.9	93.7	141.8	104	^	^	^	^	^	^	^	^
Coffee	145	124.7	167.7	189	^	^	^	^	^	^	^	^
Crockett	92.2	63.9	128.9	35	^	^	^	^	^	^	^	^
Cumberland	164.9	147.1	184.5	336	^	^	^	^	^	^	^	^
Davidson	147.9	140.7	155.3	1,671	137.7	130	145.8	1,222	191.6	172.7	211.9	425
Decatur	106.1	75.7	145.8	41	^	^	^	^	^	^	^	^
DeKalb	108.9	80.9	143.6	52	^	^	^	^	^	^	^	^
Dickson	117.7	96.8	141.7	119	109.3	88.8	133.1	106	390.2	199.5	671.9	13
Dyer	96	76.7	118.7	89	^	^	^	^	^	^	^	^
Fayette	87.5	66.9	112.2	66	53.2	34.4	78.4	28	187.5	131.8	257.7	38
Fentress	134.4	103.1	172.6	66	129.8	99.1	167.4	64	0	0	0	0
Franklin	114	94.3	136.8	122	^	^	^	^	^	^	^	^
Gibson	116	98.3	136.2	152	100.7	83	121.4	113	198.4	140.5	271.6	39
Giles	101.1	78.8	127.8	75	88.4	66.7	115.2	59	193.5	107	320.8	15
Grainger	137.9	108.8	172.7	84	^	^	^	^	^	^	^	^
Greene	89.8	76	105.5	158	^	^	^	^	^	^	^	^
Grundy	132.1	97.6	175	51	133.2	98.4	176.5	51	0	0	0	0
Hamblen	101.3	85.3	119.5	150	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

MALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Hamilton	153	144.2	162.3	1,167	140.5	131.4	150.1	908	235.1	206	266.9	251
Hancock	79.1	43.4	133.6	15	80.4	44.2	135.7	15	0	0	0	0
Hardeman	104.7	80.9	133.2	68	84	60.6	114.3	43	140.1	85.2	213.5	22
Hardin	90.5	70.7	114.5	74	^	^	^	^	^	^	^	^
Hawkins	101.7	85.7	119.8	154	^	^	^	^	^	^	^	^
Haywood	120	88.9	158.4	51	101	65.2	149.9	26	150.8	96.7	222.5	25
Henderson	98.3	75.3	126.2	64	^	^	^	^	^	^	^	^
Henry	96.6	77.4	119.3	92	^	^	^	^	^	^	^	^
Hickman	96	72.7	124.5	59	^	^	^	^	^	^	^	^
Houston	106	68.2	158.2	25	^	^	^	^	^	^	^	^
Humphreys	111.6	84.5	145.2	60	^	^	^	^	^	^	^	^
Jackson	96.8	65.5	139	32	97.6	66.1	140.1	32	0	0	0	0
Jefferson	144.7	123.8	168.2	187	^	^	^	^	^	^	^	^
Johnson	66.7	46	93.8	35	^	^	^	^	^	^	^	^
Knox	141.7	133.9	149.8	1,297	135.6	127.8	143.8	1,156	227.2	187.1	272.8	125
Lake	85	47.1	140.8	15	^	^	^	^	^	^	^	^
Lauderdale	122.3	94.4	155.6	68	106.6	77.3	143.2	47	155	91.1	242.1	18
Lawrence	151.7	128.2	178.2	154	^	^	^	^	^	^	^	^
Lewis	110.8	75.4	157.5	33	^	^	^	^	^	^	^	^
Lincoln	78	60.3	99.5	69	69.3	52.1	90.6	57	199.1	98.5	361.9	11
Loudon	164.8	143.6	188.5	235	^	^	^	^	^	^	^	^
McMinn	98.1	81.7	117	132	^	^	^	^	^	^	^	^
McNairy	86.2	65.9	111	64	^	^	^	^	^	^	^	^
Macon	139.7	107.1	179	66	^	^	^	^	^	^	^	^
Madison	123.4	108.6	139.7	258	110.8	95	128.4	180	167.6	130.6	211	75
Marion	119.7	93	151.4	80	^	^	^	^	^	^	^	^
Marshall	130.5	103.8	161.9	86	122.1	95.4	153.8	75	285.7	132.1	526.5	11
Mauzy	129.9	112.7	148.9	216	117.8	100.5	137.1	174	218.6	153.9	300.1	40
Meigs	106.4	70.5	154.4	30	107.9	71.5	156.7	30	0	0	0	0
Monroe	109.2	89.9	131.4	119	^	^	^	^	^	^	^	^
Montgomery	114	100	129.2	261	106.2	91.9	122.1	209	179.6	130.3	239.6	52
Moore	73.7	37.5	131.6	12	^	^	^	^	^	^	^	^
Morgan	130.8	99.3	168.9	64	^	^	^	^	^	^	^	^
Obion	120.2	98.1	146	107	^	^	^	^	^	^	^	^
Overton	116.2	89.3	148.9	67	115	88.2	147.7	66	0	0	0	0
Perry	117	73.7	176.8	25	^	^	^	^	^	^	^	^
Pickett	146	92.3	222.9	25	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

MALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Polk	64.5	43.6	92.7	32	60.7	40.4	88.3	30	0	0	0	0
Putnam	168	148.3	189.6	268	^	^	^	^	^	^	^	^
Rhea	106.2	84	132.6	83	^	^	^	^	^	^	^	^
Roane	126.6	109.2	146.2	200	^	^	^	^	^	^	^	^
Robertson	125.7	106.1	147.7	156	117.3	97.8	139.5	135	206.3	125.1	319.1	20
Rutherford	143.4	130.4	157.2	502	134.1	121	148.2	425	283.5	218.2	360.8	73
Scott	90.7	65	122.9	44	86.5	61.4	118.1	42	0	0	0	0
Sequatchie	106.3	71.3	152.3	32	106.6	71.6	152.8	32	0	0	0	0
Sevier	143.8	127.3	161.8	299	144	127.5	162.1	297	0	0	0	0
Shelby	142.3	136.4	148.4	2,362	120.9	114.1	128	1,234	180.4	169.2	192.2	1,089
Smith	102.8	74.4	138.3	45	^	^	^	^	^	^	^	^
Stewart	118.7	84	163.1	40	120.9	85.5	166.2	40	0	0	0	0
Sullivan	138.6	127.7	150.2	620	137.7	126.8	149.4	605	253	138.1	420.9	15
Sumner	152	137.9	167.2	470	149.1	134.7	164.5	439	229	150.4	331.1	30
Tipton	131.1	109.6	155.4	146	112.4	91	137.2	108	227.6	158.4	314.9	36
Trousdale	116.3	72.9	176.5	23	^	^	^	^	^	^	^	^
Unicoi	72	51.5	98.8	41	72.2	51.6	99.1	41	0	0	0	0
Union	130.7	96.3	173.2	55	131.7	97	174.5	55	0	0	0	0
Van Buren	68.5	35.1	123.7	12	62	30.7	115.2	11	0	0	0	0
Warren	113.3	92.9	136.8	112	^	^	^	^	^	^	^	^
Washington	110	97.9	123.3	309	110.1	97.7	123.6	299	129	58.9	241.5	10
Wayne	85.5	60.2	118	39	^	^	^	^	^	^	^	^
Weakley	107.2	85.9	132.2	89	^	^	^	^	^	^	^	^
White	190	157.4	227.6	126	^	^	^	^	^	^	^	^
Williamson	157.1	141.6	173.7	453	152.3	136.8	169.1	417	221	146.3	318.9	31
Wilson	102	88	117.6	216	97	82.9	112.6	194	194.9	114.9	305.5	21

Notes: The "All Races" category includes those of "Other" race, which are not presented separately. Counts by county may not add up to Tennessee totals due to records with missing county. ^--Data suppressed.

Table 28. Age-Adjusted Prostate Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Race and Diagnosis Year for the Five-Year Period 2002-2006.

	MALES											
	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
2002-2006	29.4	28.4	30.5	3,045	25.5	24.4	26.5	2,348	68	62.9	73.4	689
2002	30.3	27.9	32.9	595	26.6	24.1	29.2	459	65.7	54.8	77.7	135
2003	32.8	30.3	35.5	673	28.8	26.3	31.5	526	71.8	60.4	84.5	147
2004	28.2	25.9	30.7	583	24.8	22.5	27.3	459	60.8	50.2	72.7	121
2005	28.1	25.8	30.5	593	23.6	21.4	25.9	447	72.2	60.7	85.1	143
2006	27.9	25.7	30.3	601	23.7	21.6	26.1	457	69.9	58.6	82.4	143

Notes: The "All Races" category includes those of "Other" race, which are not presented separately.

Table 29. Age-Specific Prostate Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by Age Category, All Races Combined, for the Five-Year Period 2002-2006.

MALES				
Age at Diagnosis	Rate	Lower CI	Upper CI	Count
0	0	0	0	0
01-04	0	0	0	0
05-09	^	^	^	^
10-14	0	0	0	0
15-19	0	0	0	0
20-24	0	0	0	0
25-29	0	0	0	0
30-34	0	0	0	0
35-39	0	0	0	0
40-44	0	0	0	0
45-49	^	^	^	^
50-54	3.8	2.7	5.2	38
55-59	9.8	7.8	12.1	83
60-64	22.2	18.8	26.1	146
65-69	50.4	44.4	56.9	258
70-74	104.9	95	115.5	415
75-79	202.3	186.3	219.2	594
80-84	357.4	330.5	385.9	651
85+	703.9	657.4	752.8	851

Note: ^--Data suppressed.

CANCER IN TENNESSEE: 2002-2006

Table 30. Age-Adjusted Prostate Cancer Mortality Rates and 95% Confidence Intervals (CI) Stratified by County and Race for the Five-Year Period 2002-2006.

MALES												
County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Tennessee	29.4	28.4	30.5	3,045	25.5	24.4	26.5	2,348	68	62.9	73.4	689
Anderson	24	17.2	32.6	42	^	^	^	^	^	^	^	^
Bedford	34.9	22.3	51.5	25	^	^	^	^	^	^	^	^
Benton	^	^	^	^	^	^	^	^	^	^	^	^
Bledsoe	^	^	^	^	^	^	^	^	0	0	0	0
Blount	28.8	22.1	36.7	66	^	^	^	^	^	^	^	^
Bradley	23.5	16.5	32.4	39	^	^	^	^	^	^	^	^
Campbell	27	16	42.1	20	27.2	16.1	42.4	20	0	0	0	0
Cannon	^	^	^	^	^	^	^	^	0	0	0	0
Carroll	25.4	15.4	39.6	20	^	^	^	^	^	^	^	^
Carter	37.7	27.3	50.6	46	38	27.5	51	46	0	0	0	0
Cheatham	20.7	9.7	37.3	11	21.3	10	38.3	11	0	0	0	0
Chester	34.4	17	61.2	11	37.8	18.6	67.4	11	0	0	0	0
Claiborne	34.1	19.9	53.7	19	34.6	20.2	54.4	19	0	0	0	0
Clay	^	^	^	^	^	^	^	^	0	0	0	0
Cocke	37.5	23.9	55.7	26	^	^	^	^	^	^	^	^
Coffee	28	18.6	40.2	30	^	^	^	^	^	^	^	^
Crockett	^	^	^	^	^	^	^	^	^	^	^	^
Cumberland	25	17.5	34.8	39	25.1	17.6	34.9	39	0	0	0	0
Davidson	27.9	24.5	31.6	249	22.5	19.2	26.2	165	58	45.8	72.2	83
Decatur	^	^	^	^	^	^	^	^	^	^	^	^
DeKalb	29	13.5	53.2	10	^	^	^	^	^	^	^	^
Dickson	26.5	15.9	41	20	^	^	^	^	^	^	^	^
Dyer	25.3	14.9	39.8	18	^	^	^	^	^	^	^	^
Fayette	38.2	24.1	57.1	24	28.6	13.6	51.4	11	64.4	34.1	109.3	13
Fentress	33.6	17.2	58.6	12	34.1	17.4	59.3	12	0	0	0	0
Franklin	29	18.7	42.8	26	^	^	^	^	^	^	^	^
Gibson	35.2	25.5	47.4	44	29.6	20.2	42.1	32	73.1	37.5	126.1	12
Giles	33.2	19.6	52.1	18	^	^	^	^	^	^	^	^
Grainger	^	^	^	^	^	^	^	^	0	0	0	0
Greene	26	17.9	36.4	35	26.4	18.2	37	35	0	0	0	0
Grundy	35.5	17.4	63.7	11	^	^	^	^	^	^	^	^
Hamblen	26.7	17.4	38.7	28	^	^	^	^	^	^	^	^

CANCER IN TENNESSEE: 2002-2006

MALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Hamilton	39.2	34.3	44.5	240	31.6	26.9	36.9	167	87.8	68.3	110.5	71
Hancock	^	^	^	^	^	^	^	^	0	0	0	0
Hardeman	37.5	23	57.2	21	^	^	^	^	^	^	^	^
Hardin	24.8	13.9	40.8	16	^	^	^	^	^	^	^	^
Hawkins	25	16	36.7	26	^	^	^	^	^	^	^	^
Haywood	^	^	^	^	^	^	^	^	^	^	^	^
Henderson	^	^	^	^	^	^	^	^	^	^	^	^
Henry	32.7	21.5	47.9	28	^	^	^	^	^	^	^	^
Hickman	^	^	^	^	^	^	^	^	^	^	^	^
Houston	^	^	^	^	^	^	^	^	0	0	0	0
Humphreys	^	^	^	^	^	^	^	^	^	^	^	^
Jackson	^	^	^	^	^	^	^	^	0	0	0	0
Jefferson	22.5	13	35.6	18	^	^	^	^	^	^	^	^
Johnson	37.9	21.9	61	17	^	^	^	^	^	^	^	^
Knox	23.5	19.9	27.5	161	20.8	17.3	24.7	132	72.8	47.7	104.8	28
Lake	^	^	^	^	^	^	^	^	^	^	^	^
Lauderdale	34.6	19.7	55.6	16	^	^	^	^	^	^	^	^
Lawrence	33.1	21.8	48	28	^	^	^	^	^	^	^	^
Lewis	^	^	^	^	^	^	^	^	0	0	0	0
Lincoln	34.8	22	52	24	^	^	^	^	^	^	^	^
Loudon	27.2	16.8	41.3	24	^	^	^	^	^	^	^	^
McMinn	27.7	18.5	39.8	30	^	^	^	^	^	^	^	^
McNairy	40.9	25.7	61.7	23	^	^	^	^	^	^	^	^
Macon	32.5	15.8	57.6	11	30.8	14.5	55.8	10	0	0	0	0
Madison	27.4	19.9	36.5	45	17.8	11.2	26.6	23	65.9	41.2	98.2	22
Marion	39.4	22.5	62.8	19	^	^	^	^	^	^	^	^
Marshall	25.4	13.2	43.3	13	^	^	^	^	^	^	^	^
Mauzy	22.2	14.7	31.8	29	^	^	^	^	^	^	^	^
Meigs	^	^	^	^	^	^	^	^	0	0	0	0
Monroe	16.8	9.1	28.2	14	^	^	^	^	^	^	^	^
Montgomery	19.9	13.2	28.4	31	14.3	8.4	22.1	20	63.4	30.2	111.7	11
Moore	^	^	^	^	^	^	^	^	^	^	^	^
Morgan	^	^	^	^	^	^	^	^	0	0	0	0
Obion	31.3	19.4	47.6	22	^	^	^	^	^	^	^	^
Overton	42.7	25.7	66.3	20	43	26	66.9	20	0	0	0	0
Perry	^	^	^	^	^	^	^	^	0	0	0	0
Pickett	^	^	^	^	^	^	^	^	0	0	0	0

CANCER IN TENNESSEE: 2002-2006

MALES

County	ALL RACES				WHITES				BLACKS			
	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count
Polk	^	^	^	^	^	^	^	^	0	0	0	0
Putnam	25.9	17.8	36.2	34	^	^	^	^	^	^	^	^
Rhea	33.9	20	53.1	19	34.6	20.4	54.3	19	0	0	0	0
Roane	21.4	14	31.5	27	^	^	^	^	^	^	^	^
Robertson	26.4	16.6	39.2	25	^	^	^	^	^	^	^	^
Rutherford	25.6	19.4	33	63	20.3	14.7	27.2	48	97.8	53.8	158.4	15
Scott	28	13.2	50.7	11	28.1	13.2	50.9	11	0	0	0	0
Sequatchie	^	^	^	^	^	^	^	^	0	0	0	0
Sevier	28.2	19.8	38.5	40	28.3	20	38.8	40	0	0	0	0
Shelby	41.8	38.2	45.6	512	27.2	23.6	31.1	216	71.4	63.2	80.2	293
Smith	^	^	^	^	^	^	^	^	0	0	0	0
Stewart	^	^	^	^	^	^	^	^	0	0	0	0
Sullivan	22.1	17.3	27.7	77	^	^	^	^	^	^	^	^
Sumner	31.1	23.8	39.7	66	^	^	^	^	^	^	^	^
Tipton	23.6	13.7	37.1	18	^	^	^	^	^	^	^	^
Trousdale	^	^	^	^	^	^	^	^	0	0	0	0
Unicoi	26.5	13.5	46.9	12	26.5	13.5	46.9	12	0	0	0	0
Union	46	23	79.8	12	46.5	23.2	80.6	12	0	0	0	0
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0
Warren	23.7	14.3	36.8	20	^	^	^	^	^	^	^	^
Washington	25.2	19	32.7	57	^	^	^	^	^	^	^	^
Wayne	33.6	16.6	59.4	11	34	16.8	60.3	11	0	0	0	0
Weakley	29.6	18.2	45.2	21	30.7	18.9	47	21	0	0	0	0
White	37	21.1	59.5	17	^	^	^	^	^	^	^	^
Williamson	31.7	22.9	42.3	49	^	^	^	^	^	^	^	^
Wilson	25.3	17	35.7	33	^	^	^	^	^	^	^	^

Notes: The "All Races" category includes those of "Other" race, which is not presented separately. ^--Data suppressed.

Childhood Cancer

Nearly 27 percent of the Tennessee population is younger than 20 years of age. Although childhood cancers are rare, it is the second leading cause of death in children, exceeded only by accidents. Childhood cancer is not one disease entity, but rather is a spectrum of different malignancies. Childhood cancers vary by type of histology, site of disease origin, race, sex, and age. To better understand the overall cancer burden in young Tennesseans, this section presents detailed cancer incidence and mortality data for 2002-2006, based on over 1200 newly diagnosed cancer cases and 219 cancer deaths occurring in children and adolescents age 19 years or younger in Tennessee in this 5-year interval. These data are presented by race, sex, age, and primary site as well as by specific cancer types, classified according to the *International Classification of Childhood Cancer, Third Edition (ICCC-3)*.

Figure 5. Five-Year Trend in Age-Adjusted Childhood Cancer Incidence & Mortality Rates, All Races & Sexes

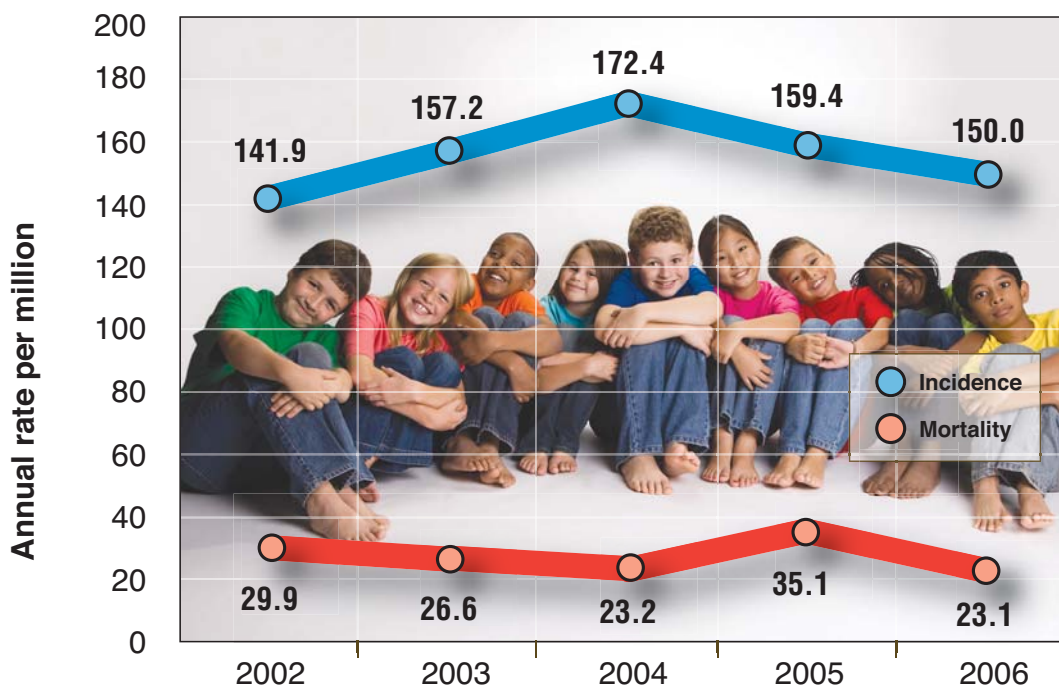


Figure 6. Five-Year Trend in Age-Adjusted Childhood Cancer Incidence Rates, Stratified by Sex, All Races Combined

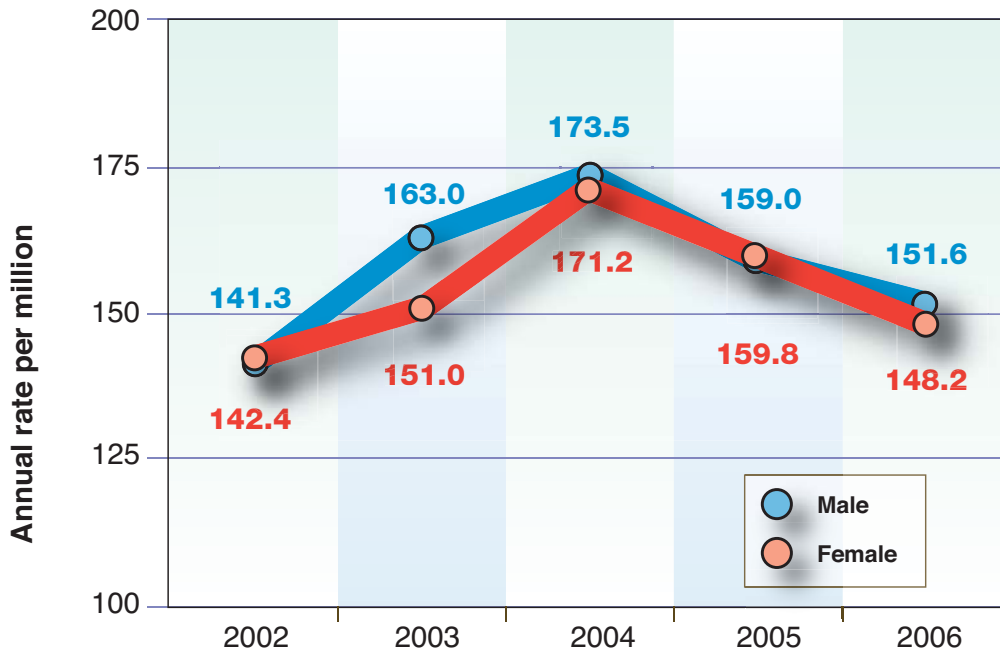
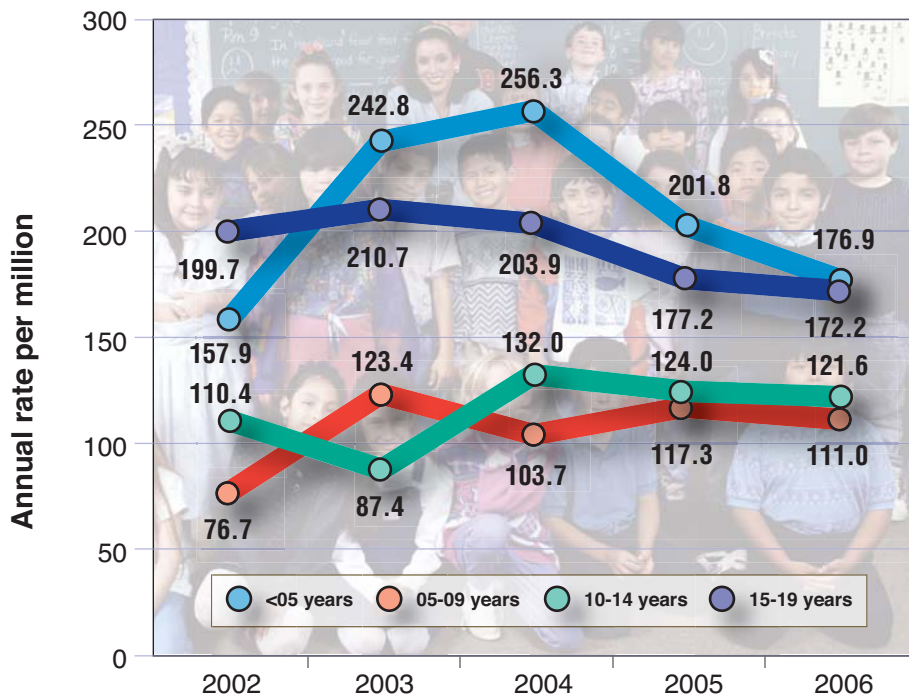


Figure 7. Five-Year Trend in Age-Specific Childhood Cancer Incidence Rates, All Races, Both Sexes



**Figure 8. Age-Adjusted Childhood Cancer Incidence Rates by ICCC Group
All Races, Both Sexes**

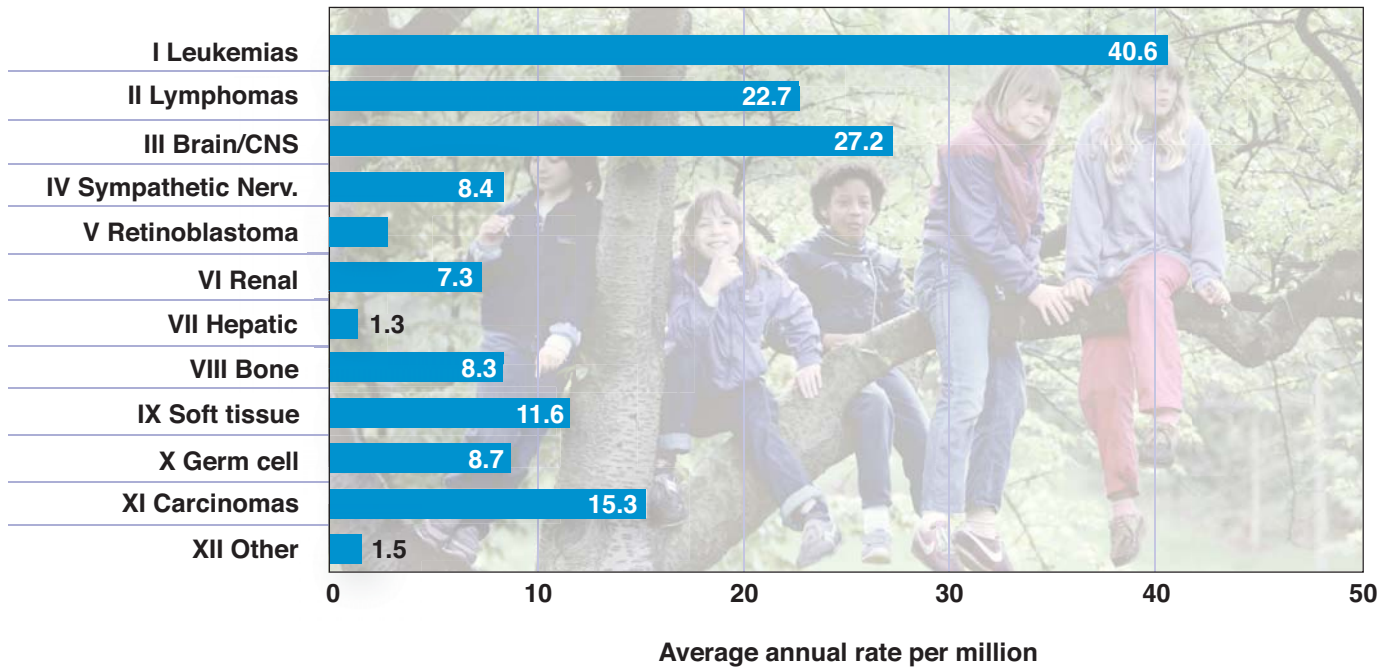
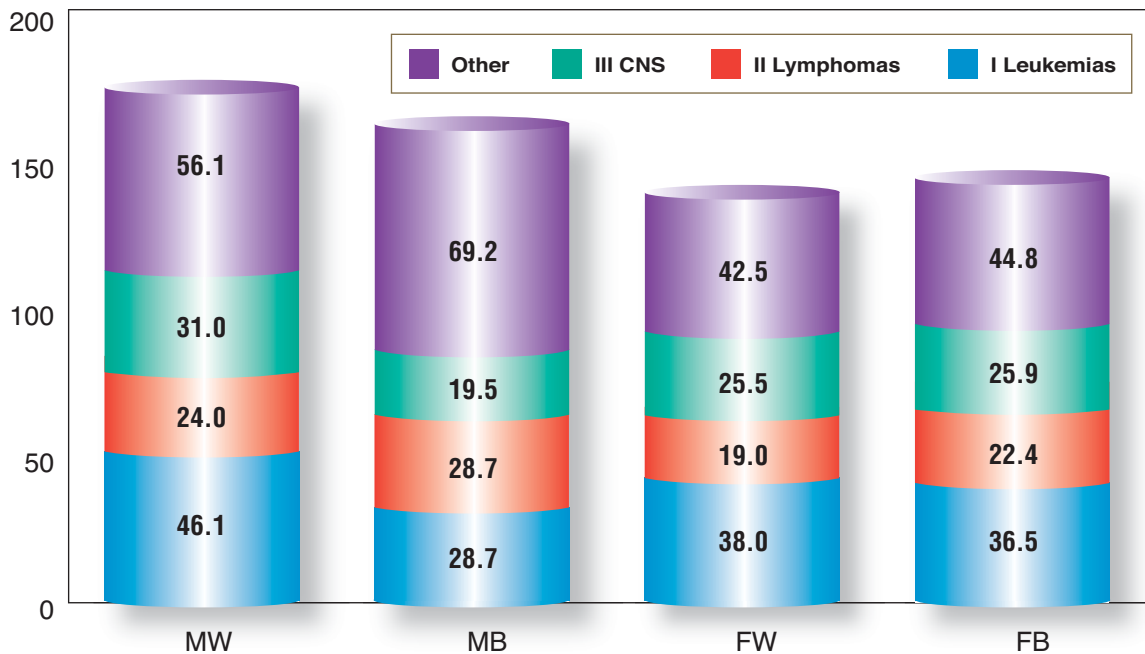


Figure 9. Age-Adjusted Childhood Cancer Incidence Rates, Stratified by ICCC Group, Sex and Race, 2002-2006, Average Annual Rate Per Million



MW = white male MB = black male FW = white female FB = black female

RISK FACTORS AND CANCER PREVENTION

A risk factor is anything that increases a person's chance of getting a disease. Some risk factors can be changed, and others cannot. Risk factors for cancer can include a person's age, sex, and family medical history. Others are linked to cancer-causing factors in the environment. Still others are related to lifestyle choices such as tobacco and alcohol use, diet, and sun exposure.

Having a risk factor for cancer means that a person is more likely to develop the disease at some point in his/her life compared to someone who does not have the risk factor. However, having one or more risk factors does not necessarily mean that a person will get cancer. Some people with one or more risk factors never develop the disease, while other people who do develop cancer have no apparent risk factors. Even when a person who has a risk factor is diagnosed with cancer, it is usually very difficult to prove that the risk factor actually caused the cancer.

Different kinds of cancer have different risk factors. Some of the major risk factors include the following:

- Cancers of the lung, mouth, larynx, bladder, kidney, cervix, esophagus, and pancreas are related to tobacco use, including cigarettes, cigars, chewing tobacco, and snuff. Smoking alone is estimated to cause one-third of all cancer deaths.
- Skin cancer is related to unprotected exposure to strong sunlight.
- Breast cancer risk factors include several factors: age; changes in hormone levels throughout life, such as age at first menstruation (menarche; early menarche is associated with an increased risk for breast cancer) and number of pregnancies (parity; having more children earlier in life is associated with a reduced risk for breast cancer); obesity (increased risk for postmenopausal breast cancer but reduced risk for premenopausal breast cancer); and physical activity (increased physical activity associated with reduced breast cancer risk). Some studies have also shown a connection between alcohol consumption and an increased risk of breast cancer. Also, women with a mother or sister who have had breast cancer are more likely to develop the disease themselves.
- While all men are at risk for prostate cancer, several factors can increase the chances of developing the disease, such as age, race, and diet. The chance of getting prostate cancer increases with age. Prostate cancer is more common among African-American/black men than among white men, though the reason for this disparity is currently unknown. A high-fat diet may play a part in causing prostate cancer. Also, men with a father or brother who have had prostate cancer are more likely to get prostate cancer themselves.

Overall, environmental/lifestyle factors, defined broadly to include tobacco use, diet, and infectious diseases, as well as chemicals and radiation cause an estimated 75% of all cancer cases in the United States. Among these factors, tobacco use, unhealthy diet, and physical activity are more likely to affect personal cancer risk. Research shows that about one-third of all cancer deaths are related to dietary factors and lack of physical activity in adulthood.

Certain cancers could be prevented by behavior/lifestyle changes or vaccines. For example, skin cancer may be prevented by protection from the sun's rays. By avoiding tobacco use and alcohol, some types of cancer can be prevented. We know that what we eat and how active we are, are linked to some types of cancer. The Cancer in Tennessee 2002-2006 Page 114 best advice is to reduce your risk through simple lifestyle changes- eat a lot of fresh fruits and vegetables and whole grains like pasta and bread, cut down on high fat foods, and engage in at least 30 minutes of moderate to vigorous physical activity, above usual activities, on 5 or more days of the week. There are tests, called screening examinations, that adults should have in order to detect cancer early. If cancer is found early it can often be treated and cured. Examples of screening methods include: mammograms to detect breast cancer, Pap testing to detect cervical cancer and prostate specific antigen (PSA) screening for prostate cancer; PSA screening is still considered a controversial form of cancer screening. More information about cancer prevention can be obtained from the National Cancer Institute (NCI) website: <http://www.cancer.gov/> or the American Cancer Society (ACS) website: <http://www.cancer.org>.

APPENDICES

Appendix A. 2000 U.S. Standard Population By 19 Age Divisions

Appendix A. 2000 U.S. Standard Population By 19 Age Divisions

Age	2000 United States Standard Population (Census P25-1130)
All Ages	274,633,642
<1	3,794,901
1-4	15,191,619
5-9	19,919,840
10-14	20,056,779
15-19	19,819,518
20-24	18,257,225
25-29	17,722,067
30-34	19,511,370
35-39	22,179,956
40-44	22,479,229
45-49	19,805,793
50-54	17,224,359
55-59	13,307,234
60-64	10,654,272
65-69	9,409,940
70-74	8,725,574
75-79	7,414,559
80-84	4,900,234
85+	4,259,173

Appendix B. Tennessee Populations, By Sex, Race, and Age

	Total	Male	Female
WHITES			
00 years	292,724	150,676	142,048
01-04 years	1,176,848	605,804	571,044
05-09 years	1,475,698	759,656	716,042
10-14 years	1,524,361	784,703	739,658
15-19 years	1,573,731	811,771	761,960
20-24 years	1,558,182	795,745	762,437
25-29 years	1,584,841	808,404	776,437
30-34 years	1,671,448	849,378	822,070
35-39 years	1,769,241	889,610	879,631
40-44 years	1,872,845	931,696	941,149
45-49 years	1,811,486	896,214	915,272
50-54 years	1,685,239	830,788	854,451
55-59 years	1,463,781	716,905	746,876
60-64 years	1,167,085	562,538	604,547
65-69 years	955,495	446,296	509,199
70-74 years	794,287	351,897	442,390
75-79 years	651,802	263,877	387,925
80-84 years	455,468	160,891	294,577
85+ years	390,849	104,272	286,577
BLACKS			
00 years	82,877	41,819	41,058
01-04 years	338,188	171,133	167,055
05-09 years	432,685	219,788	212,897
10-14 years	445,415	226,899	218,516
15-19 years	415,005	209,209	205,796
20-24 years	379,729	183,511	196,218
25-29 years	357,157	167,467	189,690
30-34 years	345,443	161,510	183,933
35-39 years	348,505	160,734	187,771
40-44 years	359,730	165,016	194,714
45-49 years	350,090	160,081	190,009
50-54 years	287,356	132,777	154,579
55-59 years	198,483	89,547	108,936
60-64 years	145,632	62,853	82,779
65-69 years	115,008	47,833	67,175
70-74 years	94,276	37,127	57,149
75-79 years	71,042	26,001	45,041
80-84 years	49,249	15,988	33,261
85+ years	49,100	12,740	36,360

CANCER IN TENNESSEE: 2002-2006

OTHER RACES

00 years	7,861	3,947	3,914
01-04 years	30,238	15,186	15,052
05-09 years	34,573	17,434	17,139
10-14 years	31,173	15,913	15,260
15-19 years	32,586	16,596	15,990
20-24 years	40,881	21,141	19,740
25-29 years	45,371	23,112	22,259
30-34 years	46,403	23,209	23,194
35-39 years	41,430	20,610	20,820
40-44 years	37,734	18,191	19,543
45-49 years	34,682	15,713	18,969
50-54 years	28,658	13,006	15,652
55-59 years	21,225	10,139	11,086
60-64 years	14,720	7,193	7,527
65-69 years	9,496	4,391	5,105
70-74 years	6,222	2,674	3,548
75-79 years	3,451	1,346	2,105
80-84 years	1,810	625	1,185
85+ years	1,327	449	878

Appendix C: United States Cancer Statistics Publication Criteria

- *Case ascertainment is 90% or more complete.* The registry data include at least 90% of the expected, unduplicated cases, where the expected cases are estimated by using methods developed by NAACCR.

Because some cancer patients receive diagnostic or treatment services at more than one reporting facility, cancer registries perform a procedure known as “deduplication” to ensure that each cancer case is counted only once.

- *No more than 5% of cases are ascertained solely on the basis of death certificates.* The proportion of cases ascertained solely on the basis of a death certificate, with no other information on the case available after the registry has completed a routine procedure known as “death clearance and followback,” is another measure of the completeness of case ascertainment.
- No more than 3% of cases are missing information on sex.
- No more than 3% of cases are missing information on age.
- No more than 5% of cases are missing information on race.
- *At least 97% of the registry’s records passed a set of single-field and inter-field computerized edits.* Computerized edits are computer algorithms that test the validity and logic of data components. For example, if a patient is diagnosed with invasive prostate cancer (a malespecific disease) and the sex listed for the patient is female, then an edit would be generated for this specific item that would need to be confirmed with the reporting facility submitting the case.

Appendix D: North American Association of Central Cancer Registries, Inc. (NAACCR) Certification Criteria

Both federally funded registry programs (i.e., the SEER Program and NPCR) work closely with NAACCR to promote surveillance of cancer in the United States and Canada. Established in 1987, NAACCR is an organization of population-based cancer registries, governmental agencies, professional associations, and private groups in North America that are interested in cancer surveillance and are dedicated to NAACCR's mission. This mission is to reduce the burden of cancer in North America by developing and promoting standards for cancer registration, providing education and training, certifying population-based cancer registries, evaluating and publishing data and promoting the use of cancer surveillance data and systems for cancer control, epidemiologic research, public health programs and patient care. All state and metropolitan area registries participating in NPCR and SEER, as well as all provincial and territorial registries in Canada, are members of NAACCR. A public online query system, CINA+ (Cancer in North America Plus) Online, is updated annually with the most recent 5 years of incidence data (see <http://www.naacccr.org/cinap>). Starting with the 1995 diagnosis year, the incidence data file is updated annually for qualified researchers.

In 1992, NAACCR began annual reviews of member registries' data for completeness, accuracy, and timeliness. In 1997, this process was formalized into a certification program in which registries report their data in December and NAACCR evaluates the data using standard, objective measures. Registries that meet high standards for data quality are recognized annually through certification. (see also <http://www.naacccr.org/filesystem/pdf/Criteria%20and%20Standards%20for%20Eligibility.pdf>).

Criteria	Certification Criteria Standard
Completeness	90% Silver 95% Gold
% Passing EDITS	97% Silver 100% Gold
Death Certificate Only Cases	<=5% Silver <=3% Gold
Timeliness	Received by December due date (Within 23 Months)
Duplicate Reports	<=2/1,000 Silver <=1/1,000 Gold
Missing Data Field Sex, Age, County	<=3% Silver <=2% Gold
Missing Data Field Race	<=5% Silver <=3% Gold

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