

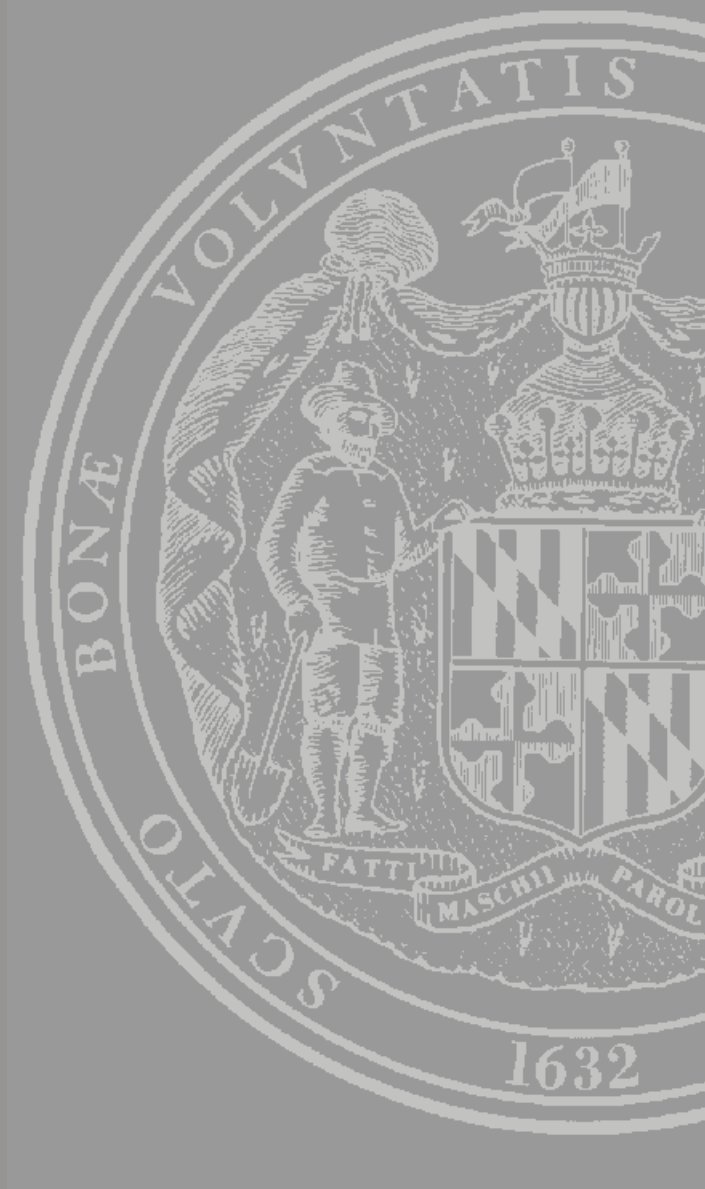
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# Cancer in Maryland 1998 Incidence & Mortality Annual Report



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Maryland Cancer Registry  
Center for Cancer Surveillance and Control  
Family Health Administration  
Maryland Department of Health and Mental Hygiene

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## I. DATA HIGHLIGHTS



The Maryland Cancer Registry (MCR) is pleased to present its seventh annual report, *Cancer Incidence and Mortality in Maryland, 1998*. This is the first MCR annual report that provides combined statistics for both cancer incidence and mortality. The information presented includes 1998 age-adjusted rates and number of cancer cases and deaths by gender, race, region, and jurisdiction. Cancer stage at diagnosis is also discussed. We hope this information will prove useful to the general public, health professionals, policy makers, and other individuals interested in cancer surveillance, prevention, and control.

#### A. INCIDENCE

- During 1998, there were 23,258 new cases of invasive cancer diagnosed among Maryland residents. The 1998 age-adjusted incidence rate was 407.8 new cases per 100,000 residents.
- Cancer incidence rates in Maryland have declined an average of 1.1% per year from 1994-1998. There was an average decrease of 2.5% per year in the overall cancer incidence rate among males and an average increase of 0.2% per year among females from 1994 through 1998.
- Cancers of the breast, prostate, lung and bronchus, and colon and rectum accounted for 57.6% of all newly diagnosed 1998 cancers in Maryland.
- Prostate cancer was the most frequently diagnosed cancer among men. There were 3,504 newly diagnosed prostate cancers in 1998.
- Breast cancer was the most commonly diagnosed cancer among Maryland women. There were 3,716 newly diagnosed invasive female breast cancers in 1998.
- Males have a significantly higher cancer incidence rate than females. Blacks have a slightly higher but not significantly greater incidence rate than whites.

#### B. MORTALITY

- In 1998, 10,187 Maryland residents died as a result of cancer. Cancer was the second leading cause of death in Maryland. Maryland has the 9<sup>th</sup> highest cancer mortality rate in the nation. The 1998 age-adjusted mortality rate for Maryland residents is 173.0 cancer deaths per 100,000 residents.
- The overall cancer mortality rate has decreased from 184.7 cancer deaths per 100,000 Maryland residents in 1994 to 173.0 cancer deaths per 100,000 Maryland residents in 1998. This represents an average decrease of 1.7% per year from 1994 through 1998.
- Cancers of the lung and bronchus, colon and rectum, breast, and prostate accounted for nearly 54.1% of all the 1998 cancer deaths in Maryland.
- Lung and bronchus cancers were the most common cause of cancer death among Marylanders. There were 2,965 lung and bronchus cancer deaths in 1998, or about 29.1% of all cancer deaths. Lung and bronchus cancer was the leading cause of death among both men and women.
- Males have a significantly higher mortality rate than females and blacks have a significantly higher overall mortality rate than whites.



## II. INTRODUCTION



## A. History of the Maryland Cancer Registry

The Maryland Department of Health and Mental Hygiene (DHMH) administers the Maryland Cancer Registry (MCR). MCR registers all new cases of reportable cancer diagnosed and/or treated in Maryland. The MCR was initiated in 1982 to collect information on all new cancer cases in the State of Maryland. Initially, facilities reported to the MCR on a voluntary basis.

In 1992, the Maryland General Assembly enacted Maryland Health-General Article §§ 18-203 and 18-204 to address the underreporting of cancer cases collected under the voluntary reporting system. The new laws required hospitals, radiation therapy centers, and in- and out-of-state cancer diagnostic laboratories that provide services to Maryland physicians to electronically report all cancer cases diagnosed and/or treated in Maryland beginning July 1, 1993. In 1996, the laws were amended to require freestanding ambulatory care facilities, surgical centers, and physicians (whose patients are not otherwise reported) to report cancer cases diagnosed and/or treated beginning January 1, 1999. This document is the first to include cases reported by freestanding ambulatory care facilities, surgical centers, and physicians.

Through data exchange agreements with other states including the neighboring states of Delaware, Pennsylvania, Virginia, West Virginia, and the District of Columbia (DC), the MCR receives information on Maryland residents diagnosed and/or treated for cancer in these states. The MCR also receives information on Maryland residents from selected DC and Federal hospitals.

The MCR received funding from the Centers for Disease Control and Prevention, National Program of Cancer Registries (NPCR) in 1996. The MCR has since received non-interrupted funding from

the NPCR to support MCR efforts towards the collection of timely, complete, and accurate data.

In July 1, 1993, the MCR awarded a five-year contract to Tri-Analytics, Inc. to oversee data collection and management of the MCR. On September 1, 1998, the Johns Hopkins University (JHU) was awarded a three-year contract for data collection and management services. This contract was subsequently extended for one year in 2001.

The MCR was incorporated into the Center for Cancer Surveillance and Control during the year 2000.

In 2001, the Maryland General Assembly enacted House Bill 636, which requires the reporting of benign brain and central nervous system tumors to the MCR, effective October 2001.

## B. MCR Operations

The MCR is comprised of a central office and a data processing center. The MCR central office, located in the DHMH office complex, is charged with the administrative, technical, analytical, and custodial oversight of MCR data. The data processing center, housed at the Johns Hopkins University, processes all cancer reports and performs quality assurance and quality control activities.

## C. Organization of this Report

This report provides cancer incidence and mortality statistics for the State of Maryland, Maryland Regions (Baltimore Metropolitan, Eastern Shore, Northwest, National Capital, and Southern), and jurisdictions. Detailed chapters are presented for all cancer sites combined and the four major cancer sites: female breast, lung and bronchus, prostate, and colon and rectum. Data tables include counts for all cancer sites, stage at diagnosis, and age-adjusted incidence and mortality rates (by site, gender, race, region, and jurisdiction).





### III. DATA COLLECTION AND MANAGEMENT



## A. Reporting Facilities

Facilities are required to submit cancer reports on all new cancer cases. This report presents data collected from 52 Maryland hospitals, 6 DC hospitals, 16 radiation therapy clinics, 30 hospital laboratories, 24 freestanding in-state diagnostic laboratories, 12 out-of-state laboratories and 7 state central cancer registries.

## B. Cancer Case Reporting Definition

Maryland law requires the reporting of the following cancer cases classified according to the *International Classification of Disease Oncology, Second Edition* (ICD-O-2) and from the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding systems:

**Reportable Cancers/Tumors in Maryland**

Cancers	ICD-O-2	ICD-9-CM
All cases of carcinoma, sarcoma, melanoma, leukemia, and lymphoma. (See <i>exclusions below</i> )	C00.0 - C80.9 Behavior Code = 3	140.0-208.9
All cases of carcinoma in situ including skin cancer of genital sites and cervical CIS, CIN3 or any combination.	C00.0-C75.9 Behavior Code = 2	230.0-234.9
<b>Exclusions:</b> Basal, squamous, epithelial & papillary cell carcinomas of the skin of non-genital sites.	C44.0-C44.9	173.0-173.9

CIS = Carcinoma in situ.

CIN3 = Cervical intra-epithelial neoplasia, grade 3.

## C. Registry Certification

Each year, the North American Association of Central Cancer Registries (NAACCR) evaluates MCR data for completeness, quality and timeliness. The MCR's 1998 incidence data achieved the "gold" certification for high quality from the NAACCR certification program.

## D. Quality Control/Quality Assurance (QA/QC)

MCR maintains two major activities for improving the accuracy and quality of the information received: 1) internal intra- and inter-record audits of the cancer reports and 2) a yearly re-abstraction of a random sample of records from reporting facilities.

The MCR QA/QC program also includes the following components:

- A review of disease indices from all reporting hospitals, enrollment lists from radiation facilities, and specimen logs from laboratories to identify possible missed cases;
- A random sample of records from reporting facilities; and
- The review of death certificate data to identify additional cancer cases among deceased Maryland residents who were not previously reported to the MCR.

## E. Data Confidentiality

The Maryland Department of Health and Mental Hygiene (DHMH) regards all data received, processed, and reported to or by the MCR as confidential. Data is secured from unauthorized access and disclosure.

The Maryland Cancer Registry manages and releases information in accordance with the laws, rules, and regulations established for and by the State of Maryland as set forth in the Code of Maryland Regulations 10.14.01, Cancer Registry and Md. Code Ann., Health-General §§18-203-18-204 (Appendix A).

In accordance with the MCR Data Use Policy, this report presents data in the aggregate. Cells with less than 6 cases and rates based on cells with less than 26 cases are not presented.



## IV. TECHNICAL NOTES



## A. Incidence (New Cases)

The Maryland Cancer Registry is the source for the cancer incidence (new cases) data presented in this report. The MCR database contains two types of cancer cases:

1. Cancers that are defined using the American Cancer Society (ACS) criteria, and
2. Additional benign and in situ tumors that the Maryland DHMH considers important for the review and evaluation of State cancer control programs.

The ACS cases are those which are used for incidence calculations by the National Cancer Institute's Surveillance Epidemiology End Results Program (SEER), the American College of Surgeons (ACoS), and NAACCR. They include all malignant cancers at any site *except* for designated skin types (non-genital basal and squamous cell carcinoma of skin). Cancer cases used in incidence calculations in this report are defined according to ACS inclusion criteria and consist of all invasive cancers (and in situ cancers of the urinary bladder) diagnosed in Maryland residents between January 1, 1998 and December 31, 1998 (and reported to the MCR as of December 31, 2000). Cancer sites are grouped according to the conventions of the SEER Program (Appendix B). Only new cases diagnosed among Maryland residents are included in the analyses.

Incidence rates are presented stratified by site of cancer, race, gender, region, and jurisdiction. Except where noted, all incidence rates are age-adjusted using the 1970 standard million population.

## B. Stage at Diagnosis

Stage at diagnosis is presented for the major cancer sites using the SEER Summary Stage algorithm:

*Localized* - the tumor is still confined to the primary organ in which it first began growing,

*Regional* - the tumor has spread to lymph nodes or adjacent tissues,

*Distant* - the tumor has spread to other parts of the body or metastasized, and *Unstaged*.

## C. Mortality (Deaths)

Information on cancer-related deaths was obtained from the Maryland Vital Statistics Administration. Only deaths from Maryland residents who died during 1998 are included in the analyses. Cancer deaths are grouped according to the conventions of the SEER Program (Appendix B). Except for age-specific mortality (death) rates, all mortality rates are age-adjusted using the 1970 standard million population.

## D. Population Data

Maryland population estimates used in this report (as of July 1, 1998) were provided by the Maryland Vital Statistics Administration and prepared by the U.S. Census Bureau, Federal-State Cooperative Program for Population Estimates (Appendix C). Population estimates are published by the U.S. Census Bureau and are available on their web site at <http://www.census.gov>.

## E. Estimated Annual Percent Change (Average Change per Year)

An Estimated Annual Percent Change (EAPC) of cancer incidence and mortality for years 1994 through 1998 was calculated using SEER methodology. The EAPC represents the average annual percentage increase or decrease in rates during a given time period. The EAPC was calculated by fitting a regression line to the natural logarithm of the rates ( $r$ ) using the calendar year as a regressor variable:  $y = mx + b$ , where  $y = \ln(r)$  and  $x = \text{calendar year (1994 through 1998)}$ . The  $EAPC = 100 \cdot (e^m - 1)$ .

## F. Age-Adjusted Rates (2000 Standard Population)

Age-adjustment is the process used to compare incidence and mortality rates among geographic areas or populations that have different age distributions. Cancer rates increase with increasing age. Age-adjustment eliminates the confounding effect of age when comparing rates among different geographic areas or populations over time. Except for age-specific cancer incidence and mortality rates, all incidence and mortality rates are age-adjusted (using the direct method) to the 1970 U.S. standard population unless otherwise specified, and are presented as number of cancers per 100,000 population.

## G. Introduction to the Year 2000 Population Standard

Beginning with data year 1999, Federal agencies will adopt the year 2000 projected U.S. population as the new standard for age-adjusting incidence and mortality rates. The year 2000 population standard replaces at least three different population standards used in earlier years. The use of these multiple standards resulted in difficulties comparing data prepared by National and Federal agencies, and caused confusion among data users and the general public. Use of the 2000 standard was recommended to promote uniformity of data among agencies, and to eliminate the need to calculate rates using more than one standard.

The age structure of the U.S. population has changed considerably between 1970 and 2000.

The 2000 population has a larger proportion of older persons than the 1970 population standard (Figure 1 and Appendix D). Given that age is the most important risk factor for cancer, using the year 2000 standard results in higher overall age-adjusted cancer incidence and mortality rates. It is important to note that use of the 2000 population standard will increase age-adjusted

cancer incidence and mortality rates but does not change the *number* of cancer cases and deaths seen in a given population. As an example, consider the two standards used for reporting temperature, Celsius and Fahrenheit. The actual temperature remains constant and is not dependent on the definition used.

To evaluate the impact of using the 2000 U.S. standard population compared to the 1970 U.S. standard population, the age-adjusted incidence and mortality rates in the *All Sites Combined* section of this report (Table 3) are presented using both the 1970 and the 2000 U.S. standard populations.

Rates presented in the *Cancer in Maryland, 1999 Incidence and Mortality Annual Report* will be calculated using the year 2000 standard. Further information about the year 2000-population standard may be obtained from the National Center for Health Statistics (NCHS) website:

<http://www.cdc.gov/nchs/about/major/dvs/mortdata.htm>.

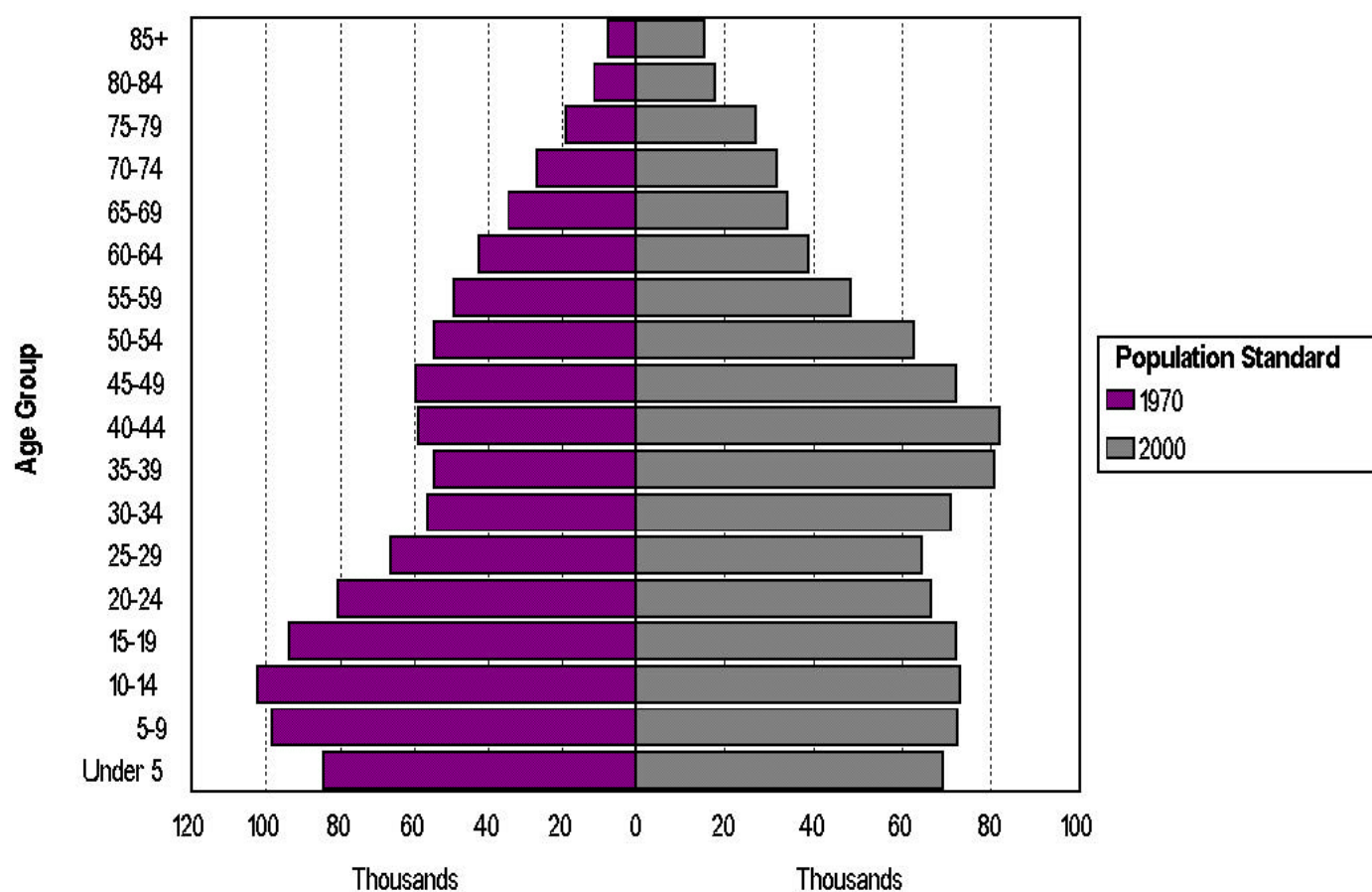
Because the age structure of the U.S. population has changed considerably between 1970 and 2000, the 2000 population has a larger proportion of older persons than the 1970 population standard (Figure 1 and Appendix D). Given that age is the most important risk factor for cancer, using the year 2000 standard results in higher overall age-adjusted cancer incidence and mortality rates.

## H. National Comparison Groups

This report compares the cancer experience in Maryland with that of the nation. In the absence of a national cancer registry, the National Cancer Institute's SEER program has been considered the primary source for national statistics on cancer. Maryland's 1998 incidence and mortality rates with 95% confidence intervals (95% CI) are compared to 1998 data from the SEER program. SEER obtains mortality data from the NCHS.



Figure 1. The 1970 and 2000 U.S. Standard Populations  
Used to Calculate Age-adjusted Rates



Source: National Center for Health Statistics

## I. Data Considerations

### 1. Race

Race-specific rates are reported as white, black, and other. For data years prior to 1997, the *black* and *other* racial groups were combined as the *non-white* racial group. Consequently, when reporting trends for rates from 1994 to 1998, incidence rates for whites are compared with incidence rates for non-whites.

In 1998, there were 614 cases coded as “unknown race” in the incidence database. More than half of the new cases with missing racial information were reported from laboratories. The unknown race group has been included when calculating Maryland statewide total and site-specific rates. This introduces some discrepancies when comparing the overall age-adjusted incidence rates with the race-specific rates. (The information on race is more complete on the death certificates so the problem is minimal when reporting mortality information.) Physician reporting began with patients diagnosed during 1999. A reduction in the number of cases with unknown race is anticipated as additional demographic information is received from physician offices.

### 2. Hispanic Ethnicity

Information on Hispanic ethnicity has not been consistently reported to the MCR and is not included in this report.

### 3. Age at Diagnosis

Forty-three (43) records are missing age in the 1998 incidence database. These cases are not used in the calculation of age-adjusted incidence rates. This does not significantly affect the incidence rates presented in this report.

### 4. Gender

Four (4) records are missing information on gender. These cases are not used in the calculation of sex-specific incidence rates. These cases do not significantly affect the sex-specific rates presented in this report.

### 5. Stage at Diagnosis

The percent of cancers with unknown stage at the time of diagnosis differs by cancer site. The proportion of unknown staging does not vary significantly by race. The true staging distribution by race could, however, differ widely from that currently reported depending on whether cases with unknown staging are differentially distributed among racial groups.

### 6. Data Tables

The data tables present information on the five Maryland regions and 24 jurisdictions. The regions and their respective jurisdictions are defined at the beginning of each Regional Section. These tables must be reviewed with caution, as the numbers of cases in several categories are small and subject to variation, especially when viewing county data. Confidence intervals (95% CI) are included to help guide interpretation.

## V. 1998 STATEWIDE INCIDENCE AND MORTALITY OVERVIEW



## A. ALL SITES COMBINED

### 1. Incidence (New Cases) Overview

A total of 23,258 cancers were diagnosed among Maryland residents in 1998 (Table 1). The state's 1998 age-adjusted incidence rate for all cancer sites combined is 407.8 cases per 100,000 (402.5 - 413.3, 95% CI). The state's 1998 age-adjusted cancer incidence rate is significantly higher than the 1998 SEER (U.S. proxy) rate of 395.3 per 100,000 (age-adjusted to the 1970 U.S. Standard Population). Cancer incidence rates in Maryland have declined an average of 1.1% per year from 1994-1998.

**Table 1. New Cancer Cases and Age-Adjusted Incidence Rates per 100,000 population  
All Cancer Sites Combined by Gender and Race, Maryland and SEER, 1998.**

	Total			Males			Females		
Race	Cases	Rate <sup>1</sup>	Rate <sup>2</sup>	Cases	Rate <sup>1</sup>	Rate <sup>2</sup>	Cases	Rate <sup>1</sup>	Rate <sup>2</sup>
MD White	17,313	399.1	473.0	8,537	447.8	536.5	8,775	367.8	435.8
MD Black	4,736	406.5	484.5	2,379	502.2	597.6	2,357	339.3	408.9
MD Other	595	324.1	388.1	276	346.4	410.9	317	306.2	370.1
<b>MD Total</b>	<b>23,258</b>	<b>407.8</b>	<b>484.0</b>	<b>11,664</b>	<b>473.3</b>	<b>565.9</b>	<b>11,590</b>	<b>362.1</b>	<b>431.0</b>
<b>SEER</b>	-	<b>395.3</b>	<b>471.4</b>	-	<b>452.2</b>	<b>544.4</b>	-	<b>355.9</b>	<b>424.1</b>

<sup>1</sup> Age-adjusted using the 1970 US Standard Population

<sup>2</sup> Age-adjusted using the 2000 US Standard Population

Sources: Maryland Cancer Registry, 1998

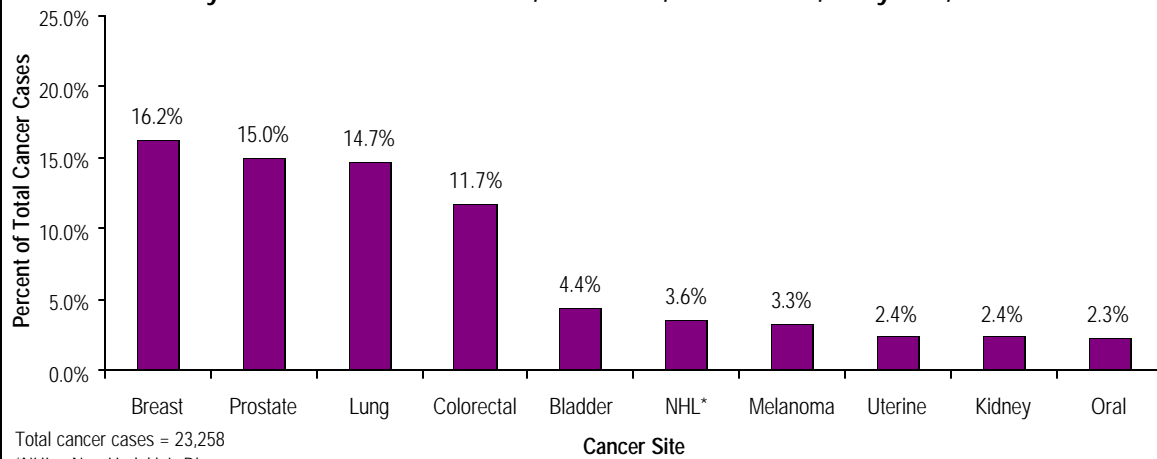
National Cancer Institute, SEER Program, 1973-1998

### 2. Most Frequently Diagnosed New Cancers

The distribution of new 1998 cases in Maryland is similar to the distribution of cancer in the US. Of all new cases, 16.2% (3,750) are breast cancers, 15.0% (3,504) are prostate cancers, 14.7% (3,430) are lung and bronchus cancers, and 11.7% (2,728) are colon and rectum cancers. Cancers of the breast account for 32.2% of newly diagnosed cancers among women and prostate cancer accounts for 30.0% of newly diagnosed cancers among men. The most frequently diagnosed cancers in Maryland are presented in Figure 2. These cancers account for over 76.0% of new cases diagnosed during 1998.

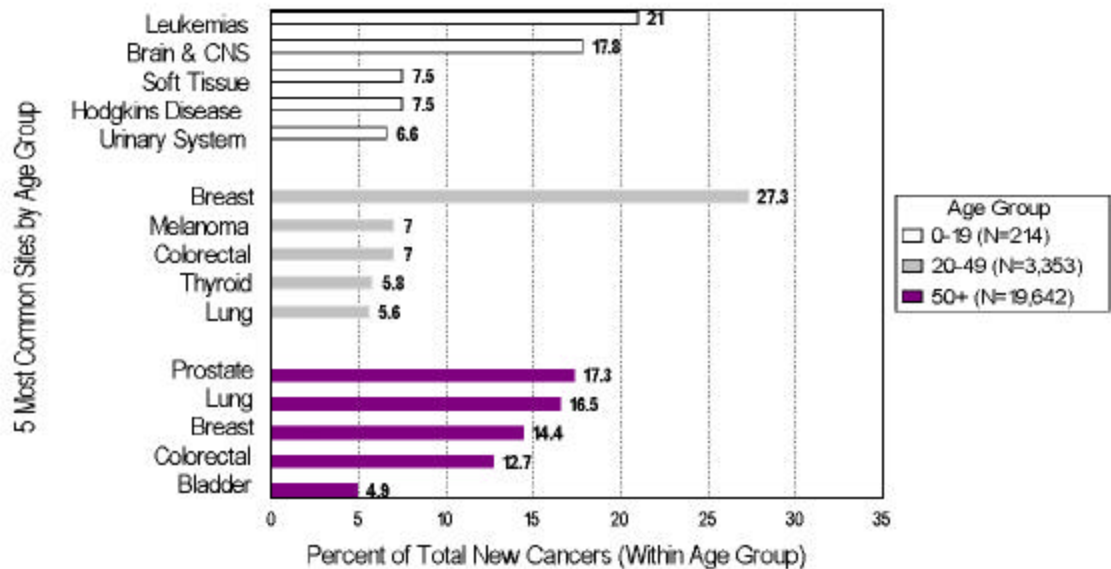
The most frequently diagnosed cancers differ by age group (Figure 3). Leukemias (N=45) and central nervous system (including brain) tumors (N=38) are the most common cancers diagnosed among persons aged 0-19 years (21.0% and 17.8%, respectively). Breast cancer is the most frequently diagnosed cancer among Maryland residents aged 20-49 years (917 cases or 27.3%). Among people 50 years of age and older, cancers of the breast, prostate, lung and bronchus, and colon and rectum are the most frequently diagnosed.

**Figure 2. Ten Most Frequently Diagnosed Cancers by Percent of Total Cancers, All Races, Both Sexes, Maryland, 1998**

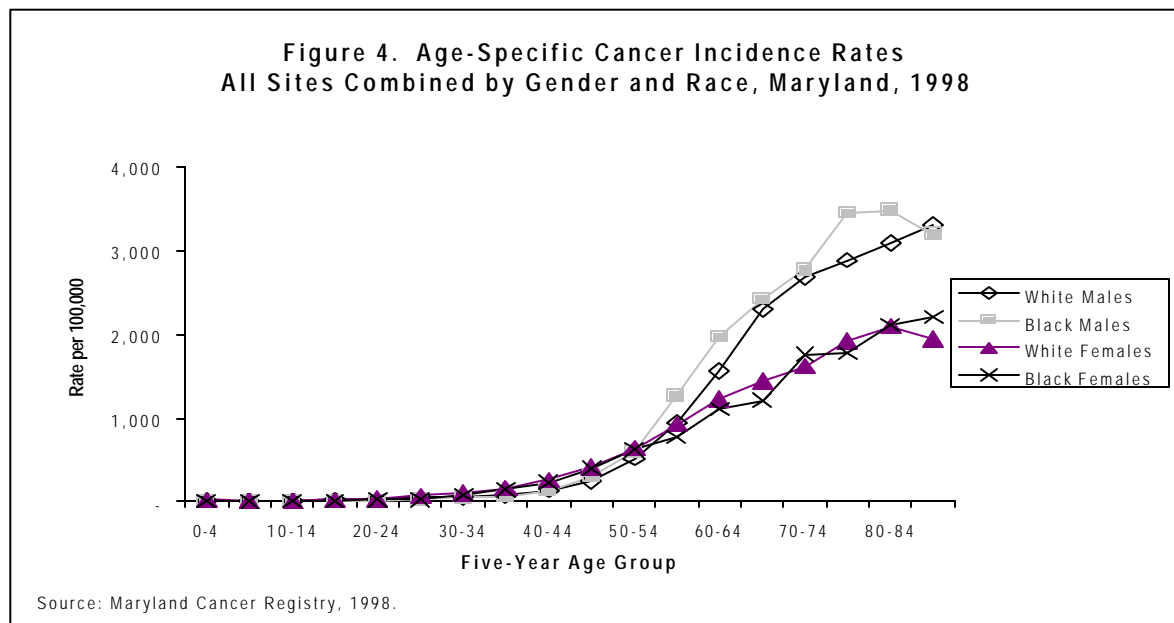


Total cancer cases = 23,258  
 \*NHL = Non-Hodgkin's Disease  
 Source: Maryland Cancer Registry, 1998

**Figure 3. Five Most Frequently Diagnosed Cancers by Age Group and Percent of Total (Within Group), All Races, Both Sexes, Maryland, 1998**



Source: Maryland Cancer Registry, 1998



### 3. Age-Specific Cancer Incidence Rates

The risk of developing cancer increases with age for all gender and racial groups (Figure 4). Males have higher age-specific cancer incidence rates compared to females starting between 55 and 60 years of age (Figure 3). Black males have the highest age-specific rates starting around 55 years of age. Black females have a lower cancer incidence rate than white females until the age of 70 years; this trend is also observed nationally.

### 4. Gender-Specific Cancer Incidence Rates

The 1998 total cancer male to female incidence rate ratio among Marylanders is 1.2. There was an average decrease of 2.5% per year in the overall cancer incidence rate among Maryland males during the 5-year period 1994 to 1998. The age-adjusted overall cancer incidence rate among Maryland males is 473.3 per 100,000 (464.6 - 482.0, 95% CI); this rate is significantly higher than the 1998 SEER age-adjusted male rate of 452.2 per 100,000 males.

There was an average increase of 0.2% per year in the overall cancer incidence rate among Maryland females from 1994 through 1998. The 1998 age-adjusted overall cancer incidence rate among Maryland females is 362.1 per 100,000 population (355.3 - 369.0, 95% CI); this rate is not statistically different from the 1998 SEER rate of 355.9 per 100,000 women.

### 5. Race-Specific Cancer Incidence Rates

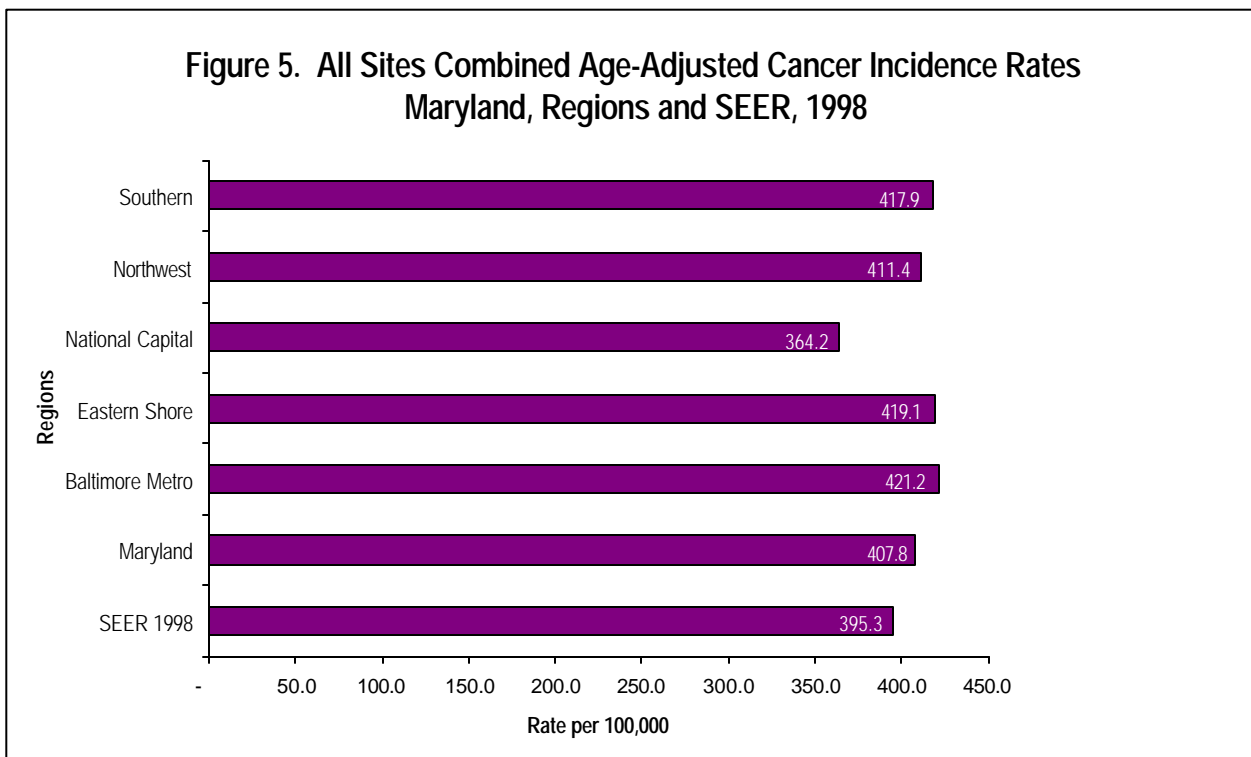
The black to white cancer incidence rate ratio among Marylanders is 1.1. The 1998 age-adjusted overall cancer incidence rate among Maryland whites is 399.1 per 100,000 population (393.0-405.3, 95% CI); this rate is not significantly higher than the 1998 SEER rate among whites (396.6 per 100,000). The overall age-

adjusted cancer incidence rate among Maryland blacks is 406.5 per 100,000 population (394.7-418.5, 95% CI); this rate is significantly lower than the 1998 SEER rate among blacks (421.4 per 100,000 blacks).

Black males have the highest 1998 overall age-adjusted cancer incidence rate compared to other race/sex groups in Maryland (502.2 per 100,000). The 1998 age-adjusted overall cancer incidence rate among Maryland black males is significantly lower than the 1998 rate for SEER black males. Maryland's black females and white population (males and females) have 1998 race-specific rates that are not significantly different than their SEER counterparts.

## 6. Regional Cancer Incidence Rates

Maryland's 1998 age-adjusted incidence rate for all cancer sites combined (407.8 per 100,000 population) is significantly higher than the 1998 SEER age-adjusted incidence rate of 395.3 cases per 100,000 population. The National Capital Region's age-adjusted incidence rate for all cancer sites combined is significantly lower than the 1998 SEER age-adjusted incidence rate. The Baltimore Metropolitan and Eastern Shore Regions both have age-adjusted incidence rates for all cancer sites combined that are significantly higher than the 1998 SEER age-adjusted incidence rate. The remaining regions (Northwest and Southern) have age-adjusted incidence rates for all cancer sites combined that are not significantly different than the 1998 SEER age-adjusted incidence rate.



Source: Maryland Cancer Registry, 1998  
National Cancer Institute, SEER Program, 1973-1998



## 7. Stage of Disease at Diagnosis

In Maryland, less than half (41.3%) of new cancers are diagnosed at the localized (early) stage (Table 2). The proportion of 1998 cancers diagnosed with distant cancer is greater for black males (20.0%) compared to white males (17.4%).

**Table 2. Percent Distribution of New Cancer Cases  
by Stage at Diagnosis and Race, Maryland, 1998**

RACE	STAGE AT DIAGNOSIS			
	Local (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races MD (1998)</b>	41.3	21.9	17.1	19.7
<b>Whites MD (1998)</b>	43.1	21.7	17.1	18.1
<b>Blacks MD (1998)</b>	39.4	24.6	19.3	16.6

Source: Maryland Cancer Registry, 1998

Note: SEER summary stage data are not available for all cancer sites combined.

## 1. Mortality (Deaths) Overview

A total of 10,187 Marylanders died from cancer in 1998. Maryland is currently ranked 9<sup>th</sup> highest among the states and the District of Columbia in total cancer mortality. Malignant neoplasms are the second leading cause of death in Maryland, responsible for 24% of all deaths in 1998. Maryland's overall cancer mortality rate for 1998 is 173.0 per 100,000 population; this rate is significantly higher than the 1998 US cancer mortality rate of 161.5 per 100,000 (age-adjusted to the 1970 U.S. Standard). Cancer mortality rates in Maryland have declined an average of 1.7% per year from 1994-1998.

**Table 3. Cancer Deaths and Age-Adjusted Cancer Mortality Rates per 100,000  
All Cancer Sites Combined, by Gender and Race, Maryland and US, 1998.**

	Total			Males			Females		
Race	Deaths	Rate <sup>1</sup>	Rate <sup>2</sup>	Deaths	Rate <sup>1</sup>	Rate <sup>2</sup>	Deaths	Rate <sup>1</sup>	Rate <sup>2</sup>
MD White	7,623	165.4	208.2	3,853	198.8	256.0	3,770	143.1	178.6
MD Black	2,429	214.7	268.4	1,258	275.0	349.4	1,171	174.5	217.4
MD Other	135	80.3	102.6	71	98.5	126.1	64	66.2	84.6
<b>MD Total</b>	<b>10,187</b>	<b>173.0</b>	<b>217.5</b>	<b>5,182</b>	<b>210.4</b>	<b>269.7</b>	<b>5,005</b>	<b>147.7</b>	<b>184.4</b>
<b>US 1998</b>	-	<b>161.5</b>	<b>202.6</b>	-	<b>198.5</b>	<b>253.5</b>	-	<b>135.3</b>	<b>169.0</b>

<sup>1</sup>Age-adjusted to 1970 US Standard Population

<sup>2</sup>Age-adjusted to 2000 US Standard Population

Source: Maryland Vital Statistics Administration, 1998

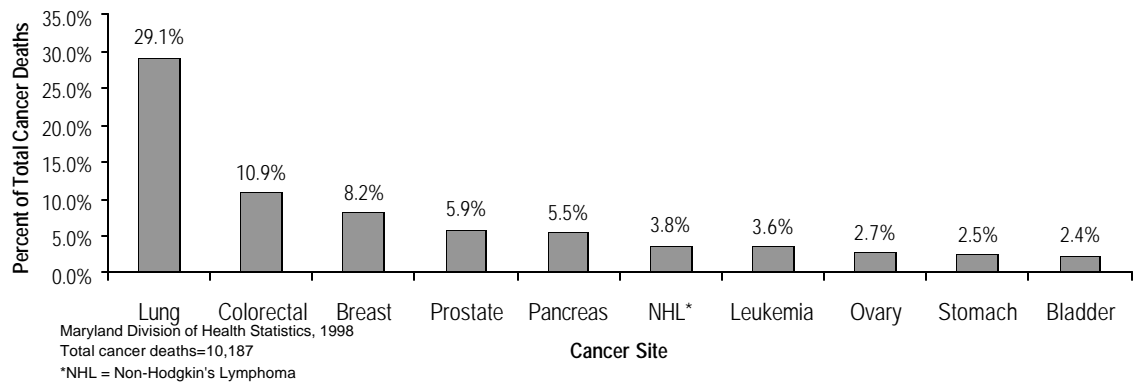
National Cancer Institute, SEER Program, 1973-1998

## 2. Most Frequent Sites of Cancer-Related Deaths

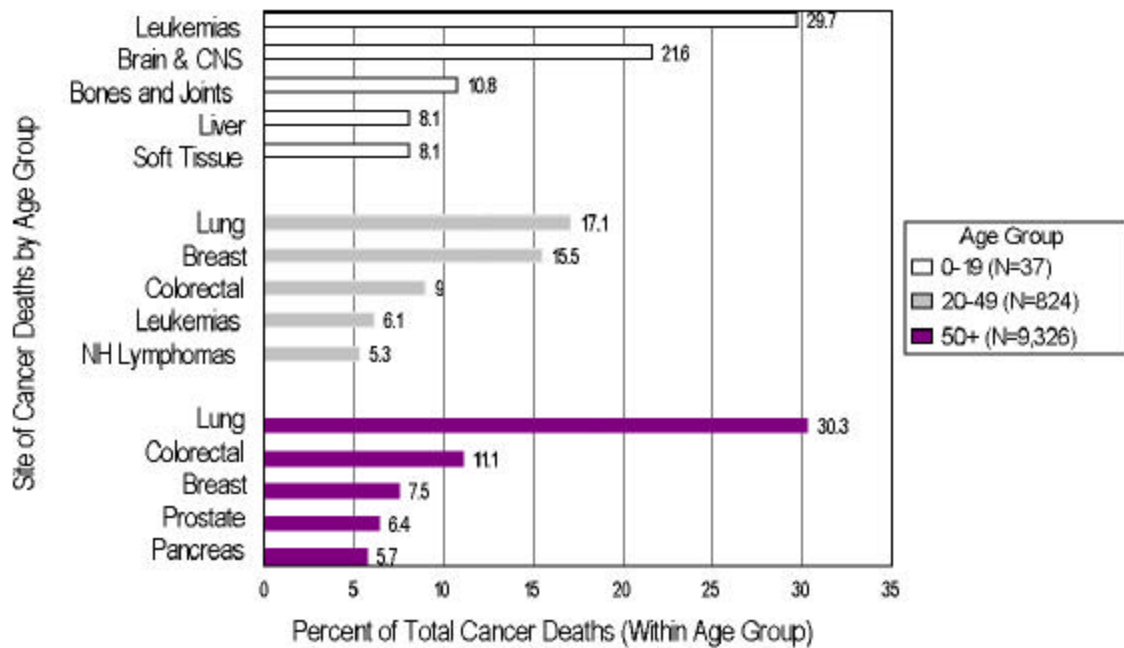
Cancers of the lung and bronchus, breast, prostate, and colon and rectum account for 54.1% of the 1998 cancer-related deaths in Maryland (Figure 6). Among deaths due to cancer, 29.1% (2,965) are lung and bronchus cancers, 10.9% (1,106) are colon and rectum cancers, 8.2% (832) are breast cancers and 5.9% (599) are prostate cancers.

The most frequent type of cancer death differs by age group (Figure 7). Leukemias (N=11) and central nervous system (including brain) tumors (N=8) are responsible for most of the cancer-related deaths among persons aged 0-19 years (29.7% and 21.6%, respectively). Lung and breast cancers account for the most cancer-related mortality among Marylanders aged 20-49 years (17.1% and 15.5%, respectively). Among persons aged 50 and older, lung cancers account for over 30.3% of Maryland's cancer-related deaths (N=2,824).

**Figure 6. Ten Most Frequent Sites of Cancer-Related Deaths, by Percent of Total Cancer Deaths, All Races, Both Sexes, Maryland, 1998**



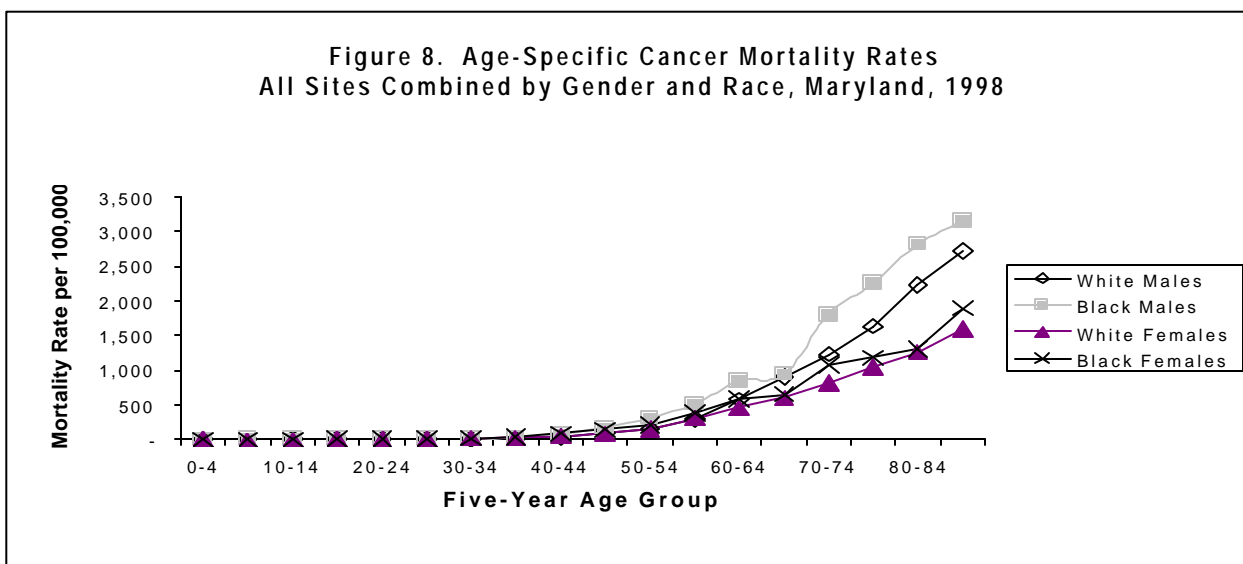
**Figure 7. Five Most Frequent Sites of Cancer-Related Deaths by Age Group and Percent of Total (Within Group), All Races, Both Sexes, Maryland, 1998**



Source: Maryland Vital Statistics Administration, 1998

### 3. Age-Specific Cancer Mortality Rates

Cancer mortality rates increase with age for all gender and racial groups (Figure 8). Males have the highest age-specific cancer death rates compared to females starting at age 50 years. Blacks have higher age-specific cancer death rates than whites.



Source: Maryland Vital Statistics Administration, 1998

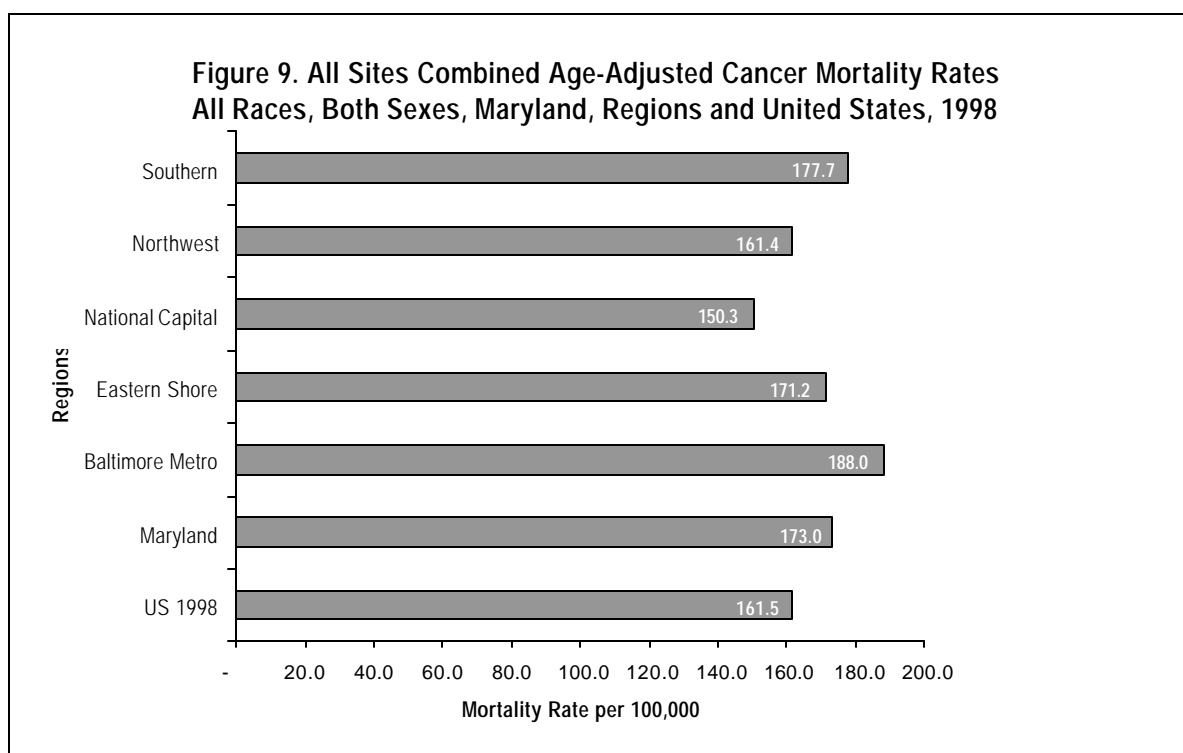
### 4. Gender-Specific Cancer Mortality Rates

The 1998 total cancer male to female mortality rate ratio among Marylanders is 1.4. The age-adjusted cancer mortality rate among Maryland males is 210.4 per 100,000 (204.7-216.3, 95% CI); this rate is higher than the 1998 US age-adjusted cancer mortality rate of 198.5 per 100,000 males. There was an average decrease of 2.3% per year in the overall age-adjusted cancer mortality rate among males during the 5-year period 1994 to 1998.

The 1998 total cancer age-adjusted mortality rate among Maryland females is 147.7 deaths per 100,000 women (143.5-152.1, 95% CI); this rate is significantly higher than the 1998 US mortality rate of 135.3 per 100,000 women. Cancer mortality rates have decreased among Maryland women. There was an average decrease of 1.3% per year in the overall age-adjusted cancer mortality rate among females between 1994 and 1998.

## 5. Regional Cancer Mortality Rates

Maryland's age-adjusted mortality rate for all cancer sites combined (173.0 per 100,000 population) is significantly higher than the 1998 US age-adjusted cancer mortality rate of 161.5 per 100,000 population. The National Capital Region's age-adjusted mortality rate for all cancer sites combined is significantly lower than the 1998 US age-adjusted cancer mortality rate. The Baltimore Metropolitan Region's age-adjusted mortality rate for all cancer sites combined is significantly higher than the 1998 US rate. The remaining regions' (Eastern Shore, Northwest and Southern) age-adjusted mortality rates for all cancer sites combined are not significantly different than the 1998 US rate.



Source: Maryland Vital Statistics Administration, 1998  
National Cancer Institute, SEER Program, 1973-1998

## 1. Breast Cancer Incidence and Mortality Overview

### Incidence

A total of 3,750 invasive breast cancers were diagnosed among Maryland residents in 1998. Over 99.1% (N=3,716) of the new breast cancers diagnosed were among females (Table 4). Maryland's 1998 female breast cancer age-adjusted incidence rate is 118.0 per 100,000 (114.1 - 122.0, 95% CI); this rate is not significantly different from the 1998 SEER rate of 118.1 per 100,000 women. Overall, there has been an average increase of 1.5% per year in Maryland's female breast cancer incidence rate between 1994 and 1998.

### Mortality

A total of 826 Maryland women died from breast cancer in 1998. Maryland is currently ranked 5<sup>th</sup> highest among the states and the District of Columbia in female breast cancer mortality. Maryland's female age-adjusted breast mortality rate for 1998 is 24.7 per 100,000 women (23.0 – 26.6, 95% CI); this rate is significantly higher than the 1998 US rate of 22.7 per 100,000 women. There has been an average decline of 2.7% per year in Maryland's female breast cancer mortality rate between 1994 and 1998.

**Table 4. Female Breast Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland (1998), US and SEER (1998).**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,795	121.1	592	23.1
MD Black	747	101.9	227	32.2
MD Other	127	112.3	7	*
<b>MD Total</b>	<b>3,716</b>	<b>118.0</b>	<b>826</b>	<b>24.7</b>
<b>SEER/US Total</b>	-	<b>118.1</b>	-	<b>22.7</b>

<sup>1</sup> Age-adjusted using the 1970 US Standard Population.

\* Rates based on cells with 25 or fewer cases are not presented.

Sources: Maryland Cancer Registry, 1998; Maryland Vital Statistics Administration, 1998; National Cancer Institute, SEER Program, 1973-1998.

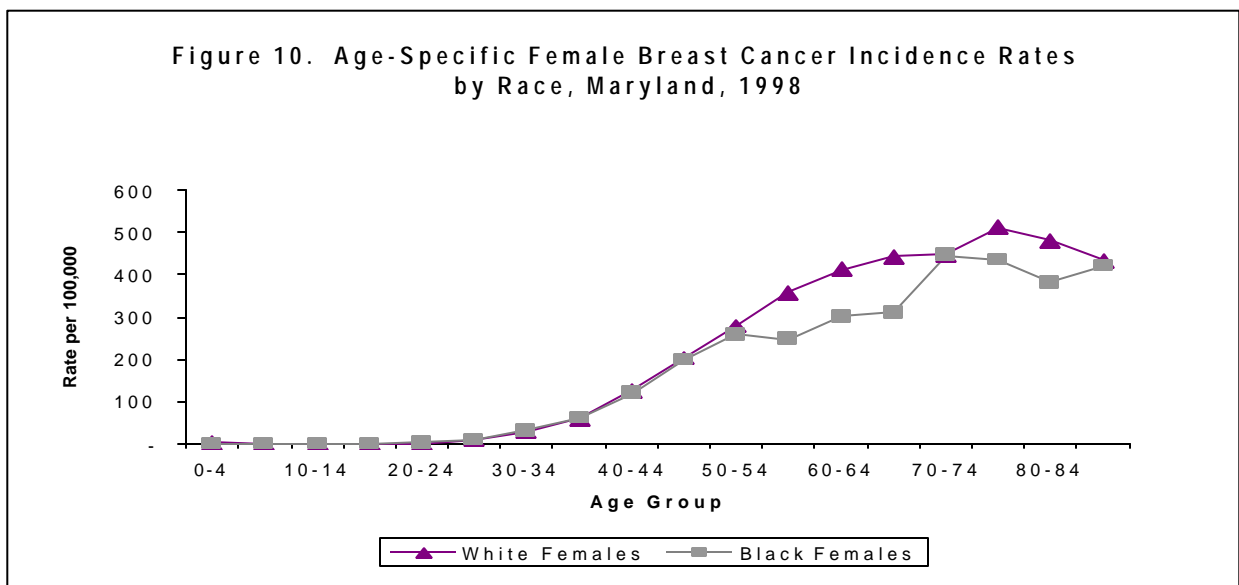
## 2. Racial Distribution of Breast Cancer Cases and Deaths

White women have significantly higher breast cancer incidence rates than black women in both Maryland and the US. Among Maryland's white females, the age-adjusted breast cancer incidence rate is 121.1 new cases per 100,000 (116.4-125.9, 95% CI). The age-adjusted breast cancer incidence rate among Maryland's black females is 101.9 new cases per 100,000 (94.5-109.8, 95% CI) (Table 4). Between 1994 to 1998, there was an average increase of 1.5% per year in breast cancer incidence among Maryland white females. Maryland's non-white female population experienced an average decrease of 0.2% per year in breast cancer incidence rates during the same time period.

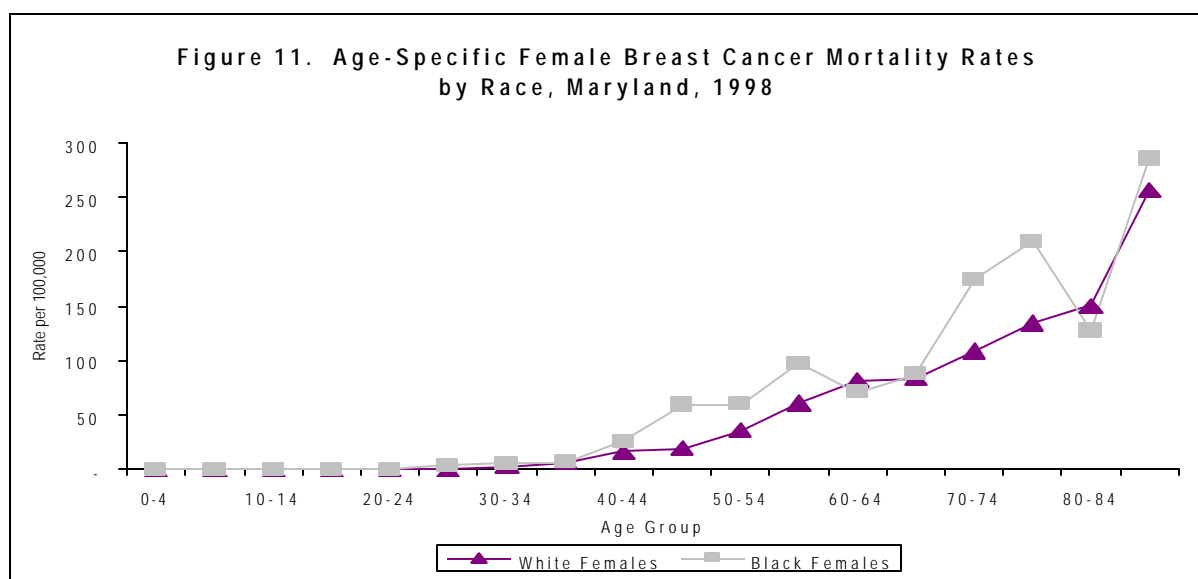
Although Maryland white females have higher breast cancer incidence rates than their black counterparts, black females experience higher breast cancer death rates. Maryland's 1998 female breast cancer mortality rate among white females is 23.1 per 100,000 (21.2-25.2, 95% CI); this rate is significantly lower than the rate for Maryland's black female population which is 32.2 deaths per 100,000 women (28.0-36.8, 95% CI).

### 3. Age-Specific Breast Cancer Incidence and Mortality Rates

Female breast cancer incidence increases with increasing age until about age 75 when rates decrease slightly in both racial groups (Figure 10). Breast cancer mortality increases with increasing age (Figure 11).



Source: Maryland Cancer Registry, 1998  
National Cancer Institute, SEER Program, 1973-1998



Source: Maryland Vital Statistics Administration, 1998  
National Cancer Institute, SEER Program, 1987-1998

#### 4. Stage of Disease at Diagnosis

Fifty-nine percent (59.2%) of female breast cancers in Maryland were diagnosed at the localized stage (Table 5) in 1998. In general, Maryland's white females were diagnosed at earlier stages in greater proportions than their black counterparts. Black females in Maryland were diagnosed with distant or metastasized breast cancers, in greater proportions than white females (5.8% vs. 4.3%).

**Table 5. Percent Distribution of Female Breast Cancer by Stage at Diagnosis and Race, Maryland (1998) and SEER (1992-1997)**

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1998)	59.2	26.4	4.4	10.0
SEER (92-97)	63.0	28.0	6.0	3.0
<b>Whites</b> MD (1998)	62.0	24.9	4.3	8.9
SEER (92-97)	64.0	28.0	5.0	3.0
<b>Blacks</b> MD (1998)	52.5	32.8	5.8	9.0
SEER (92-97)	53.0	33.0	9.0	5.0

Source: Maryland Cancer Registry, 1998  
National Cancer Institute, SEER Program, 1973-1998



## 1. Prostate Cancer Incidence and Mortality Overview

### Incidence

A total of 3,504 prostate cancers were diagnosed among Maryland men in 1998 (Table 6). Maryland's 1998 prostate cancer age-adjusted incidence rate is 146.5 per 100,000 (141.7-151.5, 95% CI); this rate is significantly higher than the 1998 SEER rate of 137.3 per 100,000. Overall, there has been an average decrease of 3.1% per year in Maryland's prostate cancer incidence rate from 1994 to 1998. It is unclear whether this decline is the result of an actual decrease in new cases, an under-reporting of cases, or related to changes in screening practices by clinicians and/or patients.

### Mortality

Five hundred and ninety-nine (599) Maryland men died from prostate cancer in 1998. Maryland is currently ranked 10<sup>th</sup> highest among the states and the District of Columbia in prostate cancer mortality. Maryland's 1998 prostate age-adjusted cancer mortality rate is 24.4 per 100,000 (22.5 –26.5, 95% CI); this rate is significantly higher than the 1998 US rate of 21.5 deaths per 100,000 men. Prostate cancer mortality rates have declined an average of 4.5% per year from 1994-1998.

**Table 6. Prostate Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland (1998), US and SEER (1998).**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,244	121.1	407	20.3
MD Black	847	187.2	188	47.2
MD Other	66	92.8	#5	*
<b>MD Total</b>	<b>3,504</b>	<b>146.5</b>	<b>599</b>	<b>24.4</b>
<b>SEER/US Total</b>	<b>-</b>	<b>137.3</b>	<b>-</b>	<b>21.5</b>

<sup>1</sup> Age-adjusted using the 1970 US Standard Population.

\* Cells with less than 6 cases or rates based on cells with 25 or fewer cases are not presented.

Sources: Maryland Cancer Registry, 1998; Maryland Vital Statistics Administration, 1998; National Cancer Institute, SEER Program, 1998.

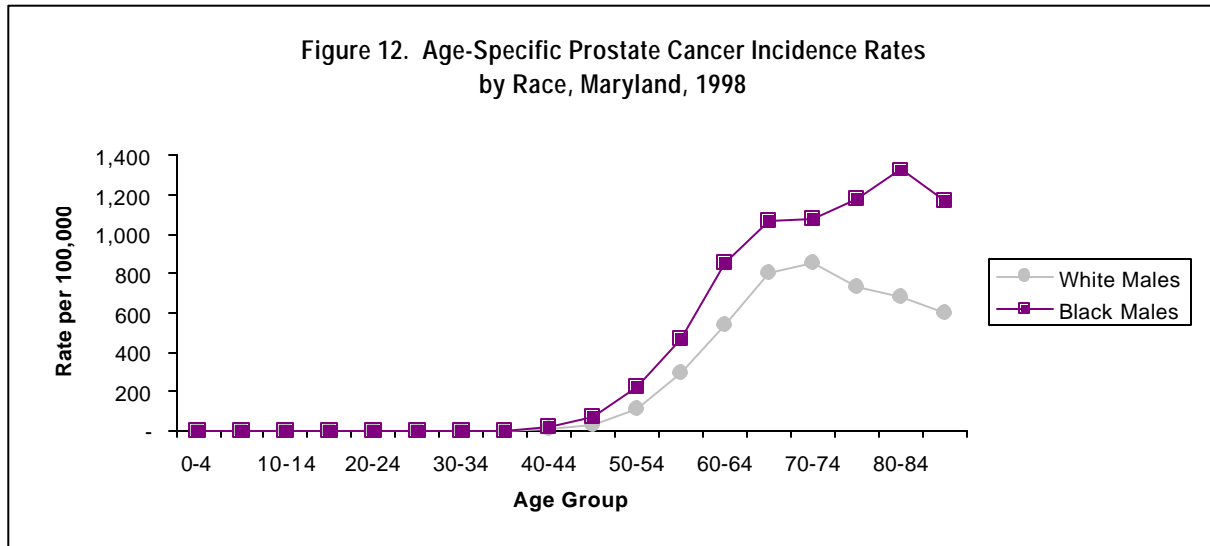
## 2. Racial Distribution of Prostate Cancer Cases and Deaths

Black males have higher prostate cancer incidence rates than white males in Maryland and the US. Maryland's 1998 prostate cancer incidence rate ratio between blacks and whites is 1.5 (187.2 per 100,000 black males as compared to 121.1 per 100,000 white males). Incidence rates have decreased an average of 3.2% per year for white men and decreased 4.9% per year for non-whites from 1994 – 1998.

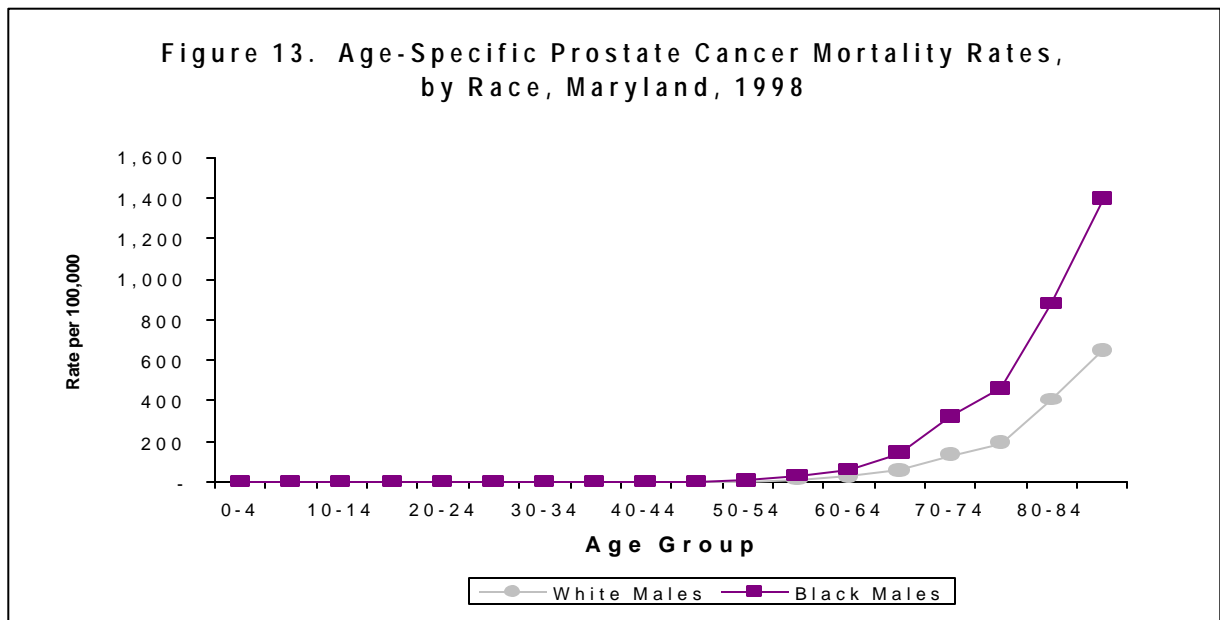
Black males experience significantly higher prostate cancer mortality than white males. Maryland's 1998 prostate cancer mortality rate ratio between blacks and whites is 2.3 (47.2 per 100,000 black males as compared to 20.3 per 100,000 white males).

### 3. Age-Specific Prostate Cancer Incidence and Mortality Rates

Prostate cancer incidence and mortality occur most often in older individuals and first appears at about age 40-44 in both races (Figure 12). Black males experience higher prostate cancer incidence and mortality in almost every age category (Figures 12-13).



Source: Maryland Cancer Registry, 1998



Source: Maryland Vital Statistics Administration, 1998

#### 4. Stage of Disease at Diagnosis

Overall, 66.7% of prostate cancers in Maryland are diagnosed at the local or regional stages. Maryland blacks are diagnosed with distant stage of disease more frequently than whites (5.0% vs. 3.5%). The true stage distribution, however, could differ from that currently reported depending on the stage distribution of the cancers reported as unstaged (Table 7).

**Table 7. Percent Distribution of Prostate Cancer by Stage at Diagnosis and Race, Maryland (1998) and SEER (1992-1997)\***

RACE	STAGE AT DIAGNOSIS		
	*Localized/Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1998)	66.7	3.5	29.8
SEER (92-97)	83.0	6.0	11.0
<b>Whites</b> MD (1998)	72.4	3.5	24.1
SEER (92-97)	83.0	6.0	11.0
<b>Blacks</b> MD (1998)	76.5	5.0	18.5
SEER (92-97)	78.0	9.0	13.0

Source: Maryland Cancer Registry, 1998, National Cancer Institute, SEER Program, 1973-1998

\* SEER combines staging for localized and regional prostate cancers

## 1. Lung and Bronchus Cancer Incidence and Mortality Overview

### Incidence

There were 3,430 cases of lung and bronchus cancers, hereafter called lung cancer, diagnosed among Maryland residents in 1998 (Table 8). Maryland's 1998 age-adjusted lung cancer incidence rate is 61.3 per 100,000 population (59.2 - 63.4, 95% CI); this rate is significantly higher than the 1998 SEER lung cancer incidence rate of 54.8 per 100,000 population. Lung cancer incidence rates in Maryland have decreased an average of 2.8% per year from 1994 to 1998.

### Mortality

There were 2,965 lung cancer deaths among Maryland residents in 1998. Maryland is currently ranked 17<sup>th</sup> highest among the states and the District of Columbia in lung cancer mortality. Maryland's 1998 lung cancer mortality rate is 52.2 per 100,000 (50.3 - 54.2, 95% CI); this rate is significantly higher than the 1998 US lung cancer mortality rate of 47.9 per 100,000.

Twenty-nine percent (29.1%) of all cancer-related deaths in Maryland are due to lung cancer. Lung cancer is the leading cause of cancer-related deaths among persons in the 20-49 (17.1%) and 50+ (30.3%) age groups (Figure 7, page 14). Lung cancer mortality rates in Maryland have decreased an average of 0.9% per year between 1994 and 1998.

**Table 8. Lung Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland (1998), US and SEER (1998).**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,694	62.3	2,285	51.7
MD Black	689	62.0	654	59.4
MD Other	41	24.1	26	17.2
<b>MD Total</b>	<b>3,430</b>	<b>61.3</b>	<b>2,965</b>	<b>52.2</b>
<b>SEER/US Total</b>	<b>-</b>	<b>54.8</b>	<b>-</b>	<b>47.9</b>

<sup>1</sup> Age-adjusted using the 1970 US Standard Population.

Sources: Maryland Cancer Registry, 1998; Maryland Vital Statistics Administration, 1998; National Cancer Institute, SEER Program, 1973-1998.

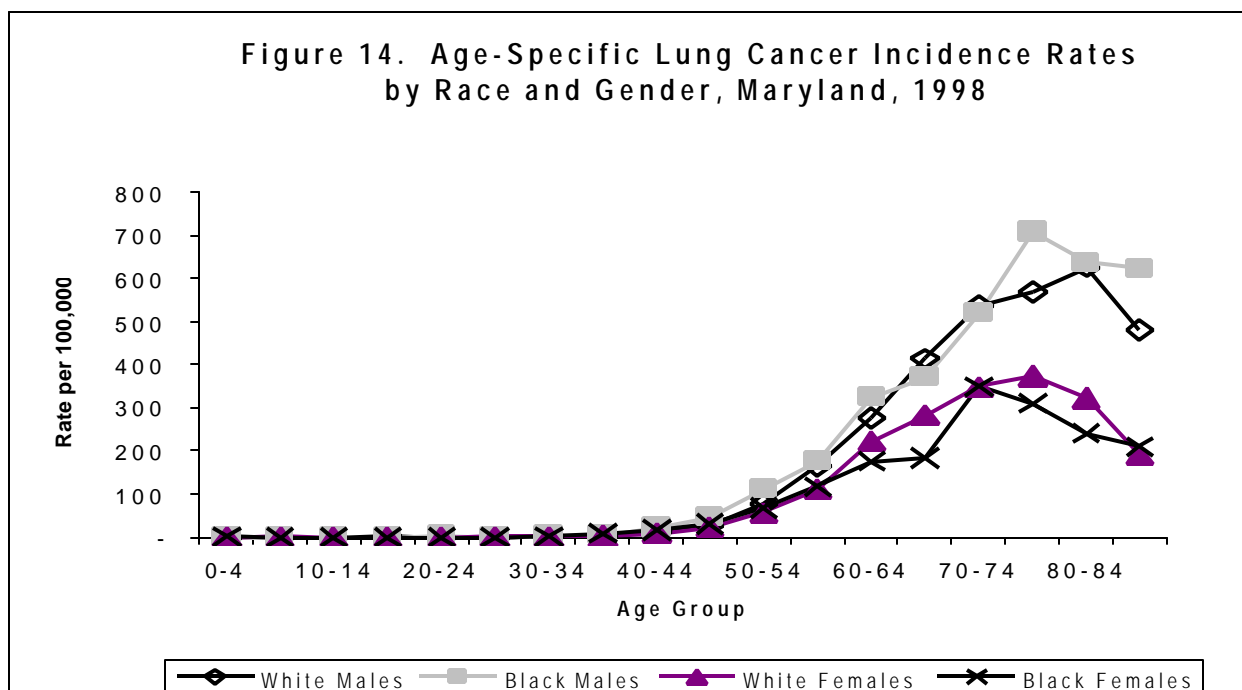
## 1. Racial and Gender Distribution of Lung Cancer Cases and Deaths

Lung cancer 1998 incidence rates among Maryland's white and black populations do not differ significantly. The lung cancer age-adjusted incidence rate in males decreased an average of 4.5% per year from 1994 to 1998. Maryland females experienced a decrease in incidence of 0.8% during the same time period. The 1998 lung cancer incidence rate ratio of males to females is 1.6.

The 1998 lung cancer mortality rate among Maryland's black males is 85.5 per 100,000 (77.0 - 94.7, 95% CI); this rate is significantly higher than the 1998 white male lung cancer mortality rate of 67.1 per 100,000 (63.5 - 71.0, 95% CI). The rates among black and white females do not differ significantly. There was a 2.1% decrease per year in lung cancer mortality among Maryland males and an average increase of 0.6% per year among Maryland females from 1994 to 1998.

### 3. Age-Specific Lung Cancer Incidence & Mortality Rates

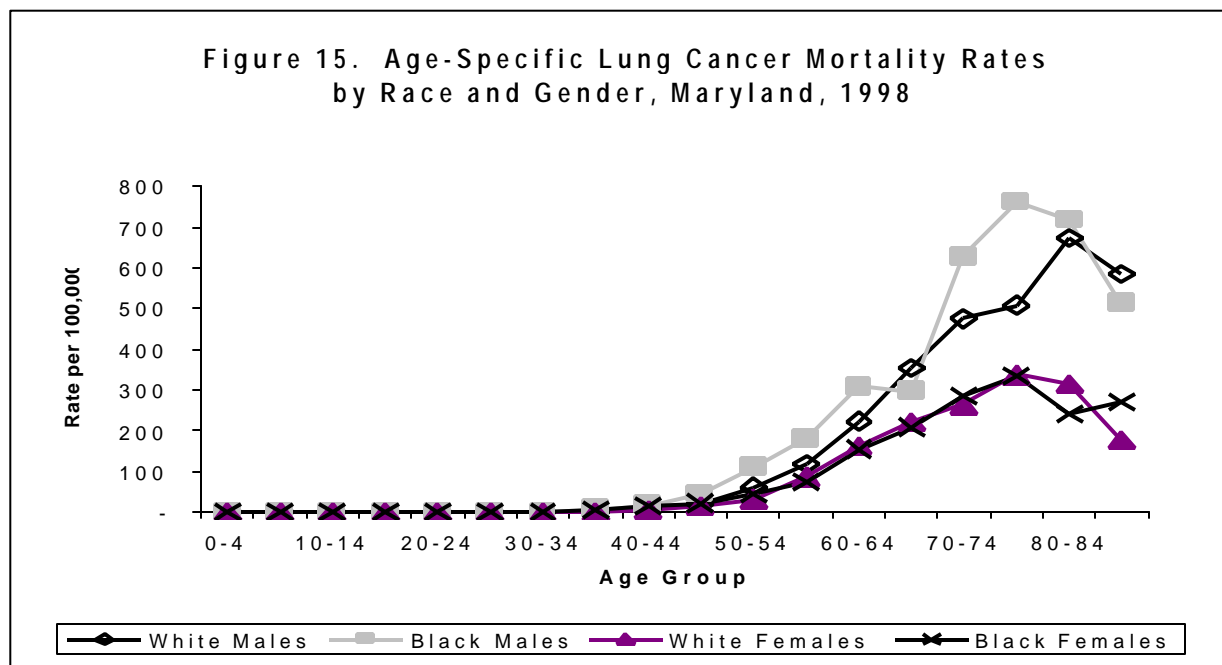
For all age groups, lung cancer incidence peaks between 70 and 80 years of age (Figure 14). In general, males have higher lung cancer incidence rates than females and black males have significantly higher lung cancer incidence rates than white males.



Source: Maryland Cancer Registry, 1998

Deaths from lung cancer peak between 70 and 80 years of age (Figure 15) for males and females. Males have higher lung cancer death rates than females.

**Figure 15. Age-Specific Lung Cancer Mortality Rates by Race and Gender, Maryland, 1998**



Source: Maryland Division of Health Statistics, 1998

#### 4. Stage of Disease at Diagnosis

Almost 50% of Maryland lung cancers are diagnosed at the localized and regional stage compared to 39% of SEER lung cancers. Maryland blacks are diagnosed with a higher percentage of regional and distant stage of disease than whites. The true stage distribution, however, could differ from that currently reported depending on the distribution of lung cancers reported with unknown stage (Table 9).

**Table 9. Percent Distribution of Lung Cancer by Stage at Diagnosis and Race, Maryland (1998) and SEER (1992-1997)\***

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1998)	22.3	27.7	35.9	14.1
SEER (92-97)	15.0	24.0	48.0	14.0
<b>Whites</b> MD (1998)	23.0	27.6	35.4	14.0
SEER (92-97)	15.0	24.0	47.0	14.0
<b>Blacks</b> MD (1998)	19.5	28.2	38.0	14.4
SEER (92-97)	13.0	24.0	51.0	12.0

Source: Maryland Cancer Registry, 1998  
National Cancer Institute, SEER Program, 1973-1998

## 1. Colorectal Cancer Incidence and Mortality Overview

### Incidence

There were 2,728 colon and rectum cancers, hereafter called colorectal cancer, diagnosed among Maryland residents in 1998 (Table 10). Maryland's 1998 age-adjusted colorectal cancer incidence rate is 46.6 per 100,000 population (44.8 – 48.4, 95% CI); this rate is significantly higher than the 1998 SEER rate of 44.1 cancers per 100,000. Colorectal incidence rates in Maryland have decreased an average of 1.4% per year between 1994 and 1998.

### Mortality

There were 1,106 colorectal cancer deaths among Maryland residents in 1998. Maryland is currently ranked 3<sup>rd</sup> highest among the states and the District of Columbia in colorectal cancer mortality. Maryland's 1998 colorectal cancer mortality rate is 18.2 per 100,000 (17.1 – 19.3, 95% CI); this rate is significantly higher than the 1998 US colorectal cancer mortality rate of 16.3 per 100,000. Maryland's colorectal cancer mortality rates have decreased an average of 2.6% per year from 1994 to 1998.

Colorectal cancers are the 3<sup>rd</sup> leading cause of cancer deaths among Maryland residents between the ages of 20 and 49 years (9.0%) and the 2<sup>nd</sup> highest leading cause of cancer deaths among Maryland residents 50 years of age and older (11.1%) (Figure 7, page 14).

**Table 10. Colorectal Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland (1998), US and SEER (1998).**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,040	44.4	826	17.0
MD Black	572	51.4	261	23.3
MD Other	68	39.3	19	*
<b>MD Total</b>	<b>2,728</b>	<b>46.6</b>	<b>1,106</b>	<b>18.2</b>
<b>SEER/US Total</b>	<b>-</b>	<b>44.1</b>	<b>-</b>	<b>16.3</b>

<sup>1</sup> Age-adjusted using the 1970 US Standard Population.

\* Rates based on cells with fewer than 26 cases are not presented.

Sources: Maryland Cancer Registry, 1998; Maryland Vital Statistics Administration, 1998; National Cancer Institute, SEER Program, 1973-1998.

## 2. Racial and Gender Distribution of Colorectal Cancer Cases and Deaths

The 1998 colorectal cancer age-adjusted incidence rate among Maryland males is 54.2 per 100,000 (51.3 – 57.2, 95% CI); this is significantly higher than the female rate of 40.7 per 100,000 (38.5 – 43.0, 95% CI). Maryland's male to female colorectal cancer incidence rate ratio is 1.3.

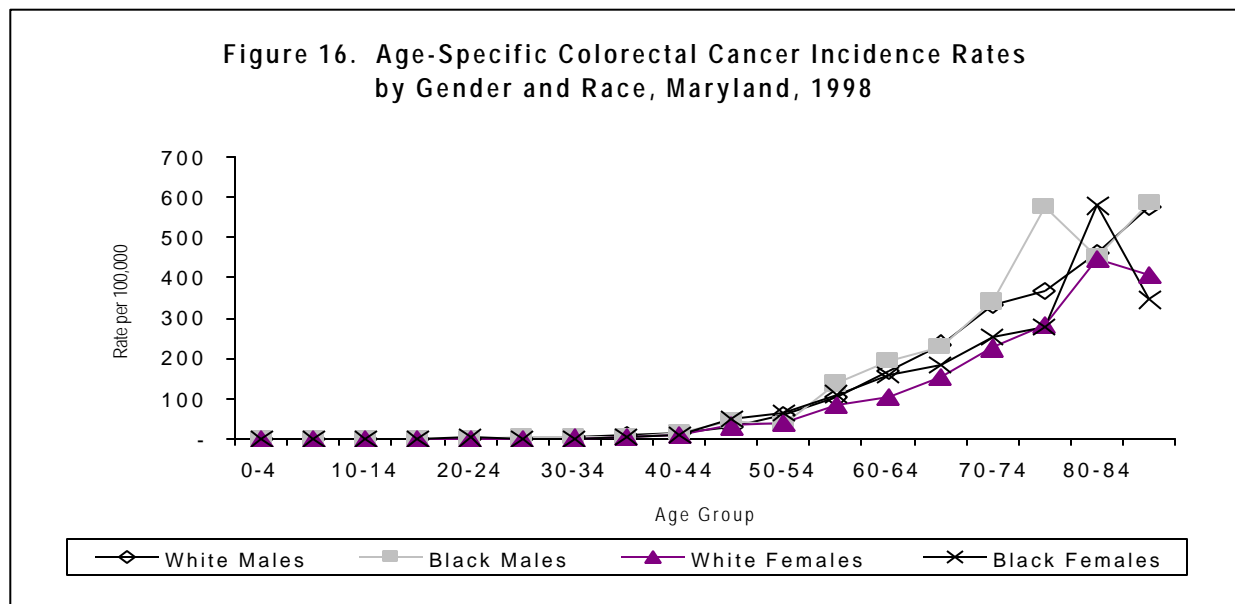
The 1998 colorectal cancer age-adjusted incidence rate for blacks is 51.4 per 100,000 (47.2 - 55.9, 95% CI); this rate is significantly higher than the rate for whites which is 44.4 per 100,000 (42.4 - 46.4, 95% CI). The 1998 colorectal cancer incidence rates among black and white males do not differ significantly. The 1998

colorectal cancer incidence rate among black females, however, is significantly higher than the rate among white females; 46.9 new cases per 100,000 black females (41.8 – 52.6, 95% CI) as compared to 38.3 new cases per 100,000 white females (35.8 – 40.9, 95% CI).

The 1998 male to female colorectal cancer mortality rate ratio is 1.4. The age-adjusted colorectal mortality rate among blacks in Maryland is 23.3 per 100,000 (20.5 - 26.3, 95% CI); this rate significantly higher than the age-adjusted colorectal mortality rate for whites which is 17.0 per 100,000 (15.8 - 18.3, 95% CI). Black males in Maryland have an age-adjusted colorectal cancer mortality rate of 27.6 per 100,000 (22.9 – 33.1, 95% CI); this rate is significantly higher than the 1998 white male colorectal mortality rate of 20.0 per 100,000 (18.1 – 22.2, 95% CI). The 1998 colorectal cancer mortality rate among black females in Maryland is significantly higher than their white counterparts; 20.2 deaths per 100,000 black females (16.9 – 24.1, 95% CI) as compared to 14.6 deaths per 100,000 white females (13.1 – 16.2, 95% CI).

### 3. Age-Specific Colorectal Cancer Incidence and Mortality Rates

Maryland's 1998 age-specific colorectal cancer incidence rates are similar to national trends. The risk of developing colorectal cancer increases with increasing age for all gender and racial groups (Figure 16).

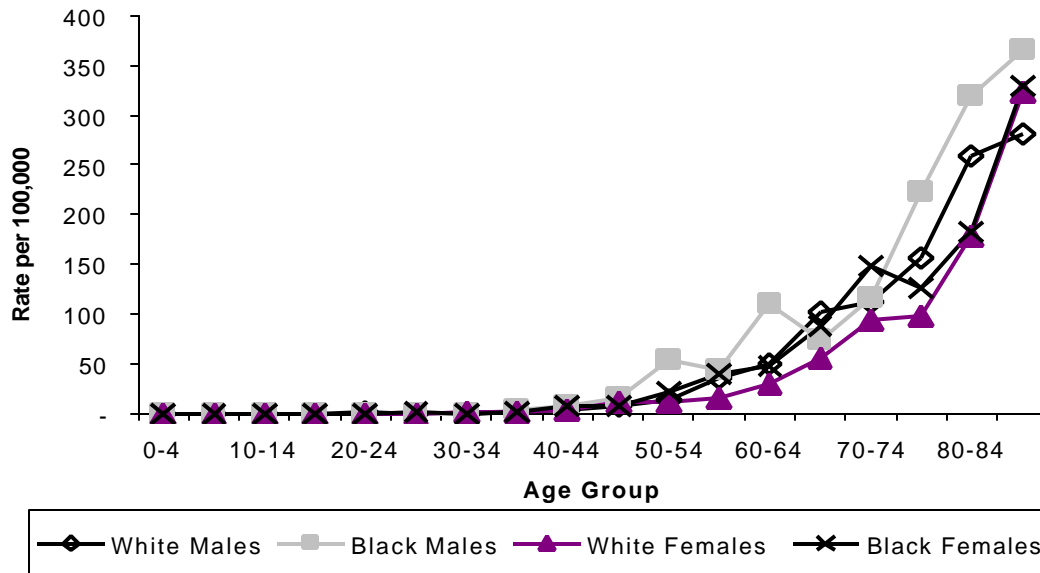


Source: Maryland Cancer Registry, 1998

Colorectal cancer mortality increases with increasing age for all gender and racial groups (Figure 17).



**Figure 17. Age-Specific Colorectal Cancer Mortality Rates by Gender and Race, Maryland, 1998**



Source: Maryland Vital Statistics Administration

#### 4. Stage of Disease at Diagnosis

In Maryland, 32.8% of the colorectal cancers diagnosed in 1998 were diagnosed at the localized stage (Table 11). The proportion of cancers diagnosed with distant cancer is similar in both blacks and whites.

**Table 11. Percent Distribution of Colorectal Cancers by Stage at Diagnosis and Race, Maryland (1998) and SEER (1992-1997)**

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1998)	32.8	40.1	15.3	11.8
SEER (92-97)	37.0	38.0	20.0	6.0
<b>Whites</b> MD (1998)	33.3	40.4	15.8	10.5
SEER (92-97)	37.0	38.0	20.0	6.0
<b>Blacks</b> MD (1998)	32.7	41.6	15.4	10.3
SEER (92-97)	33.0	36.0	24.0	7.0

Source: Maryland Cancer Registry, 1998  
National Cancer Institute, SEER Program, 1973-1998



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## VI. DATA TABLES



**A. Maryland Statewide Data Tables**

Table 1: Age-Adjusted Cancer Incidence Rates by Site

Table 2: Age-Adjusted Cancer Incidence Rates by Site and Gender

Table 3: Age-Adjusted Cancer Incidence Rates by Site and Race

Table 4: Age-Adjusted Cancer Incidence Rates (Males) by Site and Race

Table 5: Age-Adjusted Cancer Incidence Rates (Females) by Site and Race

Table 6: Age-Adjusted Cancer Mortality Rates by Site

Table 7: Age-Adjusted Cancer Mortality Rates by Site and Gender

Table 8: Age-Adjusted Cancer Mortality Rates by Site and Race

Table 9: Age-Adjusted Cancer Mortality Rates (Males) by Site and Race

Table 10: Age-Adjusted Cancer Mortality Rates (Females) by Site and Race



**State of Maryland**

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Maryland, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	23,258	407.8	402.5	413.2
Major Sites:	22,552			
Oral Cavity and Pharynx	542	9.6	8.7	10.4
Esophagus	267	4.8	4.3	5.5
Stomach	353	5.9	5.3	6.6
Colon and Rectum	2,728	46.6	44.8	48.4
Liver and Intrahepatic Bile Duct	212	3.7	3.2	4.3
Pancreas	515	8.7	8.0	9.6
Larynx	260	4.8	4.3	5.5
Lung and Bronchus	3,430	61.3	59.2	63.4
Bones and Joints	53	0.9	0.7	1.2
Soft Tissue	173	3.0	2.6	3.5
Melanomas of the Skin	762	12.9	12.0	13.9
Breast	3,750	64.4	62.3	66.6
Cervix	248			
Uterus	559			
Ovary	406			
Prostate	3,504			
Testis	115			
Urinary Bladder	1,033	17.6	16.6	18.8
Kidney and Renal Pelvis	553	9.9	9.1	10.8
Eye	36	0.7	0.5	0.9
Brain and Other Nervous System	317	5.9	5.2	6.6
Thyroid	369	6.1	5.5	6.8
Leukemias	440	7.8	7.1	8.6
Hodgkin's Disease	146	2.6	2.2	3.1
Non-Hodgkin's Lymphomas	827	14.1	13.2	15.2
Multiple Myeloma	270	4.6	4.1	5.3
Unknown Primary/Other/III Defined Sites	684	11.4	10.6	12.3

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**State of Maryland**

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Maryland, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	11,664	473.3	464.6	482.0	11,590	362.1	355.3	369.0
Major Sites:	11,347				11,200			
Oral Cavity and Pharynx	363	14.2	12.7	15.8	179	5.7	4.9	6.7
Esophagus	182	7.4	6.4	8.6	85	2.6	2.1	3.3
Stomach	202	8.0	6.9	9.2	151	4.3	3.6	5.1
Colon and Rectum	1,341	54.2	51.3	57.2	1,387	40.7	38.5	43.0
Liver and Intrahepatic Bile Duct	132	5.3	4.4	6.3	79	2.3	1.8	2.9
Pancreas	265	10.8	9.5	12.2	250	7.1	6.2	8.1
Larynx	198	8.1	7.0	9.3	62	2.1	1.6	2.8
Lung and Bronchus	1,879	77.2	73.7	80.8	1,550	49.4	46.9	52.0
Bones and Joints	26	0.9	0.6	1.4	27	0.9	0.6	1.4
Soft Tissue	94	3.7	3.0	4.5	79	2.5	1.9	3.1
Melanomas of the Skin	448	17.1	15.6	18.9	313	9.8	8.7	11.0
Breast	34	1.4	1.0	2.0	3,716	118.0	114.1	122.0
Cervix					248	7.5	6.6	8.6
Uterus					558	18.4	16.9	20.1
Ovary					406	13.4	12.1	14.8
Prostate	3,503	146.5	141.7	151.5				
Testis	115	3.9	3.2	4.7				
Urinary Bladder	747	30.4	28.3	32.7	286	8.1	7.1	9.2
Kidney and Renal Pelvis	313	12.5	11.1	14.0	240	7.8	6.8	8.9
Eye	16	**	**	**	20	**	**	**
Brain and Other Nervous System	157	6.3	5.3	7.4	160	5.5	4.7	6.5
Thyroid	93	3.4	2.7	4.2	276	8.7	7.7	9.9
Leukemias	248	10.0	8.8	11.4	192	6.0	5.1	7.0
Hodgkin's Disease	68	2.7	2.1	3.4	78	2.6	2.0	3.3
Non-Hodgkin's Lymphomas	447	17.1	15.6	18.8	380	11.8	10.6	13.1
Multiple Myeloma	148	5.9	5.0	7.0	122	3.7	3.0	4.5
Unknown Primary/Other/III Defined Sites	328	13.1	11.7	14.6	356	10.2	9.1	11.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Four cases with unknown sex were excluded.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**State of Maryland**

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Maryland, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	17,313	399.1	393.0	405.3	4,736	406.5	394.7	418.5
Major Sites:	16,800				4,581			
Oral Cavity and Pharynx	383	9.0	8.1	10.0	126	10.4	8.6	12.4
Esophagus	174	4.0	3.4	4.6	81	7.4	5.9	9.2
Stomach	214	4.5	3.9	5.2	107	9.3	7.6	11.3
Colon and Rectum	2,040	44.4	42.4	46.4	572	51.4	47.2	55.9
Liver and Intrahepatic Bile Duct	141	3.3	2.7	3.9	53	4.5	3.4	6.0
Pancreas	379	8.2	7.4	9.2	126	11.1	9.2	13.3
Larynx	190	4.7	4.0	5.4	67	5.8	4.4	7.4
Lung and Bronchus	2,694	62.3	59.9	64.7	689	62.0	57.4	66.9
Bones and Joints	44	1.0	0.7	1.4	≤5	**	**	**
Soft Tissue	127	3.0	2.5	3.6	39	2.9	2.0	4.0
Melanomas of the Skin	732	17.0	15.7	18.3	≤5	**	**	**
Breast	2,822	65.1	62.6	67.6	751	58.1	53.9	62.6
Cervix	151				74			
Uterus	417				117			
Ovary	326				66			
Prostate	2,244				847			
Testis	100				11			
Urinary Bladder	869	19.0	17.7	20.4	121	11.3	9.4	13.5
Kidney and Renal Pelvis	424	10.1	9.1	11.1	119	10.1	8.3	12.1
Eye	30	0.8	0.5	1.2	≤5	**	**	**
Brain and Other Nervous System	262	6.7	5.9	7.7	41	3.3	2.3	4.5
Thyroid	290	6.9	6.1	7.8	53	3.8	2.8	5.0
Leukemias	329	7.8	6.9	8.8	86	7.2	5.7	8.9
Hodgkin's Disease	94	2.6	2.1	3.3	42	2.6	1.8	3.6
Non-Hodgkin's Lymphomas	637	14.5	13.4	15.7	145	11.1	9.3	13.2
Multiple Myeloma	172	3.9	3.3	4.5	91	8.0	6.4	9.8
Unknown Primary/Other/III Defined Sites	515	10.9	9.9	11.9	142	12.3	10.4	14.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Unknown race (N=614) and other race (N=595) are excluded.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**State of Maryland**

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Maryland, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	8,537	447.8	438.2	457.6	2,379	502.2	481.7	523.4
Major Sites:	8,309				2,305			
Oral Cavity and Pharynx	248	12.9	11.3	14.6	86	16.3	12.9	20.4
Esophagus	116	6.0	5.0	7.3	57	11.6	8.8	15.3
Stomach	129	6.6	5.5	7.8	56	11.5	8.6	15.2
Colon and Rectum	1,007	52.1	48.9	55.5	266	58.1	51.2	65.8
Liver and Intrahepatic Bile Duct	85	4.5	3.6	5.6	35	6.8	4.7	9.7
Pancreas	196	10.2	8.8	11.8	61	12.7	9.6	16.5
Larynx	141	7.5	6.3	8.9	54	10.7	8.0	14.2
Lung and Bronchus	1,457	76.7	72.7	80.8	391	84.9	76.5	94.0
Bones and Joints	20	**	**	**	≤5	**	**	**
Soft Tissue	79	4.1	3.2	5.2	12	**	**	**
Melanomas of the Skin	431	21.7	19.7	24.0	≤5	**	**	**
Breast	27	1.5	1.0	2.2	≤5	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	2,244	121.1	116.1	126.3	847	187.2	174.7	200.5
Testis	100	4.9	4.0	6.1	11	**	**	**
Urinary Bladder	636	32.9	30.3	35.6	76	17.4	13.6	21.9
Kidney and Renal Pelvis	237	12.3	10.8	14.1	68	13.3	10.2	17.2
Eye	14	**	**	**	≤5	**	**	**
Brain and Other Nervous System	134	7.4	6.2	8.8	18	**	**	**
Thyroid	79	3.9	3.1	4.9	9	**	**	**
Leukemias	182	9.8	8.4	11.4	53	10.1	7.4	13.4
Hodgkin's Disease	49	2.8	2.1	3.8	15	**	**	**
Non-Hodgkin's Lymphomas	344	17.5	15.7	19.5	75	12.9	10.0	16.5
Multiple Myeloma	99	5.1	4.1	6.3	44	9.3	6.6	12.7
Unknown Primary/Other/III Defined Sites	255	12.9	11.4	14.6	58	12.0	9.0	15.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**State of Maryland**

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Maryland, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	8,775	367.8	359.8	376.1	2,357	339.3	325.3	353.7
Major Sites:	8,489				2,276			
Oral Cavity and Pharynx	135	5.8	4.8	6.9	40	5.7	4.1	8.0
Esophagus	58	2.2	1.7	3.0	24	**	**	**
Stomach	85	2.9	2.3	3.7	51	7.6	5.6	10.0
Colon and Rectum	1,033	38.3	35.8	40.9	306	46.9	41.8	52.6
Liver and Intrahepatic Bile Duct	56	2.2	1.6	3.0	18	**	**	**
Pancreas	183	6.7	5.7	7.8	65	9.7	7.4	12.4
Larynx	49	2.3	1.7	3.2	13	**	**	**
Lung and Bronchus	1,237	51.5	48.5	54.6	298	46.3	41.1	52.0
Bones and Joints	24	**	**	**	≤5	**	**	**
Soft Tissue	48	2.1	1.5	2.9	27	3.5	2.2	5.2
Melanomas of the Skin	300	13.4	11.9	15.2	≤5	**	**	**
Breast	2,795	121.1	116.4	125.9	747	101.9	94.5	109.8
Cervix	151	6.5	5.5	7.7	74	8.8	6.8	11.2
Uterus	416	18.4	16.6	20.4	117	18.4	15.2	22.2
Ovary	326	14.9	13.2	16.7	66	9.5	7.3	12.2
Prostate								
Testis								
Urinary Bladder	233	8.5	7.4	9.8	45	7.0	5.1	9.5
Kidney and Renal Pelvis	187	8.2	7.0	9.6	51	7.6	5.6	10.1
Eye	16	**	**	**	≤5	**	**	**
Brain and Other Nervous System	128	6.1	5.0	7.4	23	**	**	**
Thyroid	211	9.9	8.6	11.5	44	5.3	3.8	7.3
Leukemias	147	6.2	5.1	7.4	33	4.9	3.3	6.9
Hodgkin's Disease	45	2.5	1.8	3.4	27	2.9	1.9	4.4
Non-Hodgkin's Lymphomas	293	12.2	10.7	13.8	70	9.8	7.6	12.5
Multiple Myeloma	73	2.9	2.3	3.8	47	7.0	5.1	9.4
Unknown Primary/Other/III Defined Sites	260	9.4	8.2	10.8	84	12.5	9.9	15.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**State of Maryland**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Maryland, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	10,187	173.0	169.6	176.5
Major Sites:	9,978			
Oral Cavity and Pharynx	144	2.5	2.1	3.0
Esophagus	242	4.3	3.8	4.9
Stomach	252	4.2	3.7	4.8
Colon and Rectum	1,106	18.2	17.1	19.3
Liver and Intrahepatic Bile Duct	204	3.5	3.0	4.1
Pancreas	559	9.3	8.5	10.2
Larynx	76	1.4	1.1	1.7
Lung and Bronchus	2,965	52.2	50.3	54.2
Bones and Joints	19	**	**	**
Soft Tissue	80	1.4	1.1	1.8
Melanomas of the Skin	111	2.0	1.6	2.4
Breast	832	13.9	13.0	14.9
Cervix	74			
Uterus	97			
Ovary	278			
Prostate	599			
Testis	9			
Urinary Bladder	243	3.8	3.3	4.3
Kidney and Renal Pelvis	182	3.2	2.7	3.7
Eye	6	**	**	**
Brain and Other Nervous System	211	3.8	3.3	4.4
Thyroid	20	**	**	**
Leukemias	362	6.0	5.4	6.7
Hodgkin's Disease	20	**	**	**
Non-Hodgkin's Lymphomas	383	6.4	5.8	7.1
Multiple Myeloma	199	3.4	3.0	4.0
Unknown Primary/Other/III Defined Sites	705	11.8	10.9	12.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**State of Maryland**

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Maryland, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	5,182	210.4	204.7	216.3	5,005	147.7	143.5	152.1
Major Sites:	5,102				4,876			
Oral Cavity and Pharynx	94	3.8	3.0	4.6	50	1.5	1.1	2.1
Esophagus	171	7.0	6.0	8.2	71	2.1	1.6	2.7
Stomach	149	5.9	5.0	7.0	103	2.9	2.4	3.6
Colon and Rectum	526	21.3	19.5	23.3	580	15.6	14.3	17.0
Liver and Intrahepatic Bile Duct	138	5.6	4.7	6.6	66	1.9	1.4	2.4
Pancreas	280	11.4	10.1	12.9	279	7.7	6.8	8.7
Larynx	57	2.4	1.8	3.1	19	**	**	**
Lung and Bronchus	1,692	69.3	66.1	72.8	1,273	39.7	37.5	42.1
Bones and Joints	8	**	**	**	11	**	**	**
Soft Tissue	35	1.4	1.0	2.0	45	1.5	1.0	2.0
Melanomas of the Skin	70	2.8	2.2	3.5	41	1.3	0.9	1.9
Breast	6	**	**	**	826	24.7	23.0	26.6
Cervix					74	2.2	1.7	2.8
Uterus					97	2.9	2.3	3.5
Ovary					278	8.6	7.6	9.7
Prostate	599	24.4	22.5	26.5				
Testis	9	**	**	**				
Urinary Bladder	155	6.3	5.3	7.4	88	2.3	1.8	2.9
Kidney and Renal Pelvis	108	4.3	3.5	5.2	74	2.2	1.7	2.8
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	105	4.3	3.5	5.2	106	3.4	2.8	4.2
Thyroid	≤5	**	**	**	16	**	**	**
Leukemias	198	7.9	6.9	9.1	164	4.7	3.9	5.5
Hodgkin's Disease	11	**	**	**	9	**	**	**
Non-Hodgkin's Lymphomas	210	8.3	7.2	9.5	173	5.0	4.2	5.8
Multiple Myeloma	101	4.2	3.4	5.1	98	2.8	2.3	3.5
Unknown Primary/Other/III Defined Sites	372	15.0	13.5	16.6	333	9.3	8.3	10.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**State of Maryland**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Maryland, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	7,623	165.4	161.5	169.3	2,429	214.7	206.1	223.6
Major Sites:	7,480				2,372			
Oral Cavity and Pharynx	98	2.2	1.8	2.7	42	3.7	2.7	5.1
Esophagus	164	3.7	3.1	4.3	75	6.9	5.4	8.7
Stomach	144	3.0	2.5	3.6	93	8.0	6.5	9.9
Colon and Rectum	826	17.0	15.8	18.3	261	23.3	20.5	26.3
Liver and Intrahepatic Bile Duct	133	2.9	2.4	3.5	60	5.1	3.9	6.6
Pancreas	415	8.7	7.8	9.6	139	12.3	10.3	14.6
Larynx	51	1.2	0.9	1.6	25	**	**	**
Lung and Bronchus	2,285	51.7	49.5	53.9	654	59.4	54.9	64.2
Bones and Joints	18	**	**	**	≤5	**	**	**
Soft Tissue	60	1.4	1.1	1.8	17	**	**	**
Melanomas of the Skin	106	2.5	2.1	3.1	≤5	**	**	**
Breast	596	12.9	11.8	14.0	229	18.8	16.3	21.4
Cervix	39				32			
Uterus	70				26			
Ovary	217				59			
Prostate	407				188			
Testis	9				0			
Urinary Bladder	204	4.0	3.4	4.6	39	3.6	2.5	4.9
Kidney and Renal Pelvis	139	3.2	2.6	3.8	42	3.6	2.5	4.9
Eye	6	**	**	**	0	**	**	**
Brain and Other Nervous System	181	4.3	3.7	5.0	28	2.5	1.6	3.6
Thyroid	15	**	**	**	≤5	**	**	**
Leukemias	291	6.2	5.5	7.1	67	5.7	4.4	7.3
Hodgkin's Disease	14	**	**	**	6	**	**	**
Non-Hodgkin's Lymphomas	328	7.0	6.3	7.9	49	4.1	3.0	5.4
Multiple Myeloma	132	2.9	2.4	3.5	66	6.1	4.7	7.7
Unknown Primary/Other/III Defined Sites	532	11.2	10.3	12.3	164	14.4	12.3	16.9

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**State of Maryland**

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Maryland, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	3,853	198.9	192.6	205.3	1,258	275.0	259.6	291.1
Major Sites:	3,799				1,236			
Oral Cavity and Pharynx	57	2.9	2.2	3.8	35	7.3	5.0	10.4
Esophagus	120	6.3	5.2	7.6	50	10.6	7.9	14.2
Stomach	85	4.3	3.4	5.4	55	11.8	8.8	15.5
Colon and Rectum	388	20.0	18.1	22.2	127	27.6	22.9	33.1
Liver and Intrahepatic Bile Duct	86	4.5	3.6	5.6	43	8.4	6.0	11.6
Pancreas	206	10.6	9.2	12.2	70	15.1	11.7	19.3
Larynx	36	2.0	1.4	2.8	21	**	**	**
Lung and Bronchus	1,285	67.1	63.5	71.0	391	85.5	77.0	94.7
Bones and Joints	7	**	**	**	≤5	**	**	**
Soft Tissue	29	1.6	1.0	2.3	≤5	**	**	**
Melanomas of the Skin	68	3.6	2.8	4.6	≤5	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	407	20.3	18.4	22.5	188	47.2	40.6	54.5
Testis	9	**	**	**	0	**	**	**
Urinary Bladder	134	6.7	5.6	8.0	21	**	**	**
Kidney and Renal Pelvis	82	4.3	3.4	5.3	26	5.0	3.2	7.5
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	86	4.5	3.6	5.6	18	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	155	7.9	6.7	9.4	41	8.5	6.0	11.8
Hodgkin's Disease	8	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	178	9.0	7.7	10.5	27	5.3	3.4	8.0
Multiple Myeloma	69	3.6	2.8	4.7	32	7.1	4.8	10.2
Unknown Primary/Other/III Defined Sites	293	15.0	13.3	16.8	78	16.1	12.6	20.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**State of Maryland**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Maryland, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	3,770	143.1	138.2	148.1	1,171	174.5	164.5	185.1
Major Sites:	3,681				1,136			
Oral Cavity and Pharynx	41	1.7	1.2	2.4	7	**	**	**
Esophagus	44	1.5	1.1	2.2	25	**	**	**
Stomach	59	2.0	1.5	2.7	38	5.5	3.9	7.7
Colon and Rectum	438	14.6	13.1	16.2	134	20.2	16.9	24.1
Liver and Intrahepatic Bile Duct	47	1.7	1.2	2.3	17	**	**	**
Pancreas	209	7.3	6.2	8.4	69	10.1	7.8	12.9
Larynx	15	**	**	**	≤5	**	**	**
Lung and Bronchus	1,000	40.5	37.9	43.2	263	41.0	36.1	46.4
Bones and Joints	11	**	**	**	0	**	**	**
Soft Tissue	31	1.3	0.9	1.9	13	**	**	**
Melanomas of the Skin	38	1.7	1.2	2.4	≤5	**	**	**
Breast	592	23.1	21.2	25.2	227	32.2	28.0	36.8
Cervix	39	1.5	1.1	2.1	32	4.4	3.0	6.3
Uterus	70	2.7	2.1	3.6	26	4.0	2.6	6.0
Ovary	217	8.8	7.6	10.2	59	8.6	6.5	11.2
Prostate								
Testis								
Urinary Bladder	70	2.2	1.7	3.0	18	**	**	**
Kidney and Renal Pelvis	57	2.2	1.6	2.9	16	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	95	4.1	3.3	5.2	10	**	**	**
Thyroid	12	**	**	**	≤5	**	**	**
Leukemias	136	5.0	4.1	6.0	26	3.9	2.5	5.8
Hodgkin's Disease	6	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	150	5.5	4.6	6.6	22	**	**	**
Multiple Myeloma	63	2.3	1.7	3.1	34	5.2	3.6	7.4
Unknown Primary/Other/III Defined Sites	239	8.3	7.2	9.6	86	12.9	10.2	16.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



## B. Baltimore Metro Region Data Tables

Tables 1 - 1f:	Age-Adjusted Cancer Incidence Rates by Site, Region and Jurisdiction
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The Baltimore Metro Region is comprised of the jurisdictions listed below. Data for each jurisdiction are found in the tables with the following corresponding letters:

<u>Jurisdiction</u>	<u>Table Suffix</u>
Anne Arundel County	a
Baltimore City	b
Baltimore County	c
Carroll County	d
Harford County	e
Howard County	f



**Baltimore Metro Region**

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore Metro Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	11,915	421.2	413.5	429.0
Major Sites:	11,521			
Oral Cavity and Pharynx	322	11.5	10.2	12.9
Esophagus	143	5.2	4.4	6.2
Stomach	187	6.3	5.4	7.3
Colon and Rectum	1,395	47.7	45.2	50.4
Liver and Intrahepatic Bile Duct	117	4.2	3.4	5.0
Pancreas	275	9.4	8.3	10.7
Larynx	139	5.3	4.4	6.3
Lung and Bronchus	1,916	68.6	65.5	71.8
Bones and Joints	27	0.9	0.6	1.4
Soft Tissue	85	3.0	2.4	3.7
Melanomas of the Skin	363	12.4	11.1	13.8
Breast	1,863	64.9	62.0	68.0
Cervix	121			
Uterus	286			
Ovary	201			
Prostate	1,685			
Testis	51			
Urinary Bladder	529	18.3	16.7	20.0
Kidney and Renal Pelvis	308	11.2	10.0	12.6
Eye	13	**	**	**
Brain and Other Nervous System	166	6.4	5.4	7.5
Thyroid	139	4.9	4.1	5.9
Leukemias	220	7.9	6.9	9.1
Hodgkin's Disease	77	2.9	2.3	3.7
Non-Hodgkin's Lymphomas	410	14.1	12.8	15.6
Multiple Myeloma	139	4.8	4.0	5.7
Unknown Primary/Other/III Defined Sites	344	11.3	10.1	12.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Anne Arundel County**

**Table 1a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Anne Arundel County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	2,078	424.9	406.5	444.0
Major Sites:	2,008			
Oral Cavity and Pharynx	52	10.2	7.6	13.6
Esophagus	14	**	**	**
Stomach	27	5.7	3.7	8.4
Colon and Rectum	229	46.2	40.3	52.8
Liver and Intrahepatic Bile Duct	18	**	**	**
Pancreas	51	10.8	8.0	14.3
Larynx	18	**	**	**
Lung and Bronchus	334	70.3	62.9	78.5
Bones and Joints	≤5	**	**	**
Soft Tissue	13	**	**	**
Melanomas of the Skin	85	16.4	13.0	20.6
Breast	358	70.3	63.1	78.3
Cervix	21			
Uterus	45			
Ovary	35			
Prostate	281			
Testis	9			
Urinary Bladder	96	19.8	16.0	24.4
Kidney and Renal Pelvis	55	11.4	8.5	15.0
Eye	≤5	**	**	**
Brain and Other Nervous System	32	6.7	4.6	9.7
Thyroid	22	**	**	**
Leukemias	33	6.9	4.7	9.9
Hodgkin's Disease	19	**	**	**
Non-Hodgkin's Lymphomas	78	15.4	12.2	19.5
Multiple Myeloma	26	5.5	3.5	8.1
Unknown Primary/Other/III Defined Sites	51	10.1	7.5	13.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore City**

**Table 1b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore City, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	3,610	471.0	455.3	487.1
Major Sites:	3,485			
Oral Cavity and Pharynx	116	16.1	13.3	19.5
Esophagus	59	8.0	6.1	10.5
Stomach	80	9.4	7.4	12.0
Colon and Rectum	439	54.6	49.5	60.2
Liver and Intrahepatic Bile Duct	40	5.4	3.8	7.5
Pancreas	80	9.9	7.8	12.6
Larynx	68	9.6	7.4	12.3
Lung and Bronchus	619	81.5	75.1	88.5
Bones and Joints	6	**	**	**
Soft Tissue	34	4.4	3.0	6.4
Melanomas of the Skin	52	6.5	4.8	8.8
Breast	513	66.9	61.1	73.2
Cervix	49			
Uterus	72			
Ovary	59			
Prostate	534			
Testis	8			
Urinary Bladder	151	18.4	15.5	21.8
Kidney and Renal Pelvis	83	11.0	8.7	13.8
Eye	≤5	**	**	**
Brain and Other Nervous System	35	5.2	3.6	7.4
Thyroid	30	4.1	2.7	6.1
Leukemias	62	8.2	6.2	10.7
Hodgkin's Disease	21	**	**	**
Non-Hodgkin's Lymphomas	116	15.0	12.3	18.2
Multiple Myeloma	45	5.7	4.1	7.9
Unknown Primary/Other/III Defined Sites	110	13.5	11.1	16.5

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore County**

**Table 1c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	3,919	398.3	385.4	411.5
Major Sites:	3,813			
Oral Cavity and Pharynx	103	10.5	8.5	13.0
Esophagus	43	4.4	3.1	6.2
Stomach	55	5.4	4.0	7.3
Colon and Rectum	491	46.8	42.6	51.5
Liver and Intrahepatic Bile Duct	35	3.6	2.5	5.3
Pancreas	96	9.0	7.2	11.2
Larynx	28	3.0	2.0	4.6
Lung and Bronchus	645	64.5	59.5	70.0
Bones and Joints	10	**	**	**
Soft Tissue	23	**	**	**
Melanomas of the Skin	136	14.0	11.7	16.8
Breast	639	66.0	60.9	71.6
Cervix	27			
Uterus	104			
Ovary	61			
Prostate	520			
Testis	17			
Urinary Bladder	175	16.8	14.3	19.8
Kidney and Renal Pelvis	111	12.2	9.9	14.9
Eye	≤5	**	**	**
Brain and Other Nervous System	59	7.4	5.5	9.9
Thyroid	40	4.5	3.2	6.4
Leukemias	78	8.4	6.6	10.8
Hodgkin's Disease	21	**	**	**
Non-Hodgkin's Lymphomas	140	14.0	11.7	16.9
Multiple Myeloma	36	3.4	2.3	5.0
Unknown Primary/Other/III Defined Sites	116	10.6	8.7	13.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Carroll County**

**Table 1d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Carroll County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	632	394.4	363.1	428.1
Major Sites:	602			
Oral Cavity and Pharynx	13	**	**	**
Esophagus	8	**	**	**
Stomach	6	**	**	**
Colon and Rectum	71	43.8	33.9	56.2
Liver and Intrahepatic Bile Duct	6	**	**	**
Pancreas	13	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	78	51.9	40.7	65.7
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	36	19.4	13.2	28.2
Breast	93	56.1	44.9	69.8
Cervix	10			
Uterus	21			
Ovary	12			
Prostate	94			
Testis	6			
Urinary Bladder	31	19.3	12.9	28.3
Kidney and Renal Pelvis	9	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	10	**	**	**
Thyroid	12	**	**	**
Leukemias	14	**	**	**
Hodgkin's Disease	6	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**
Multiple Myeloma	6	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

## Harford County

**Table 1e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Harford County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	906	420.6	393.2	449.8
Major Sites:	865			
Oral Cavity and Pharynx	22	**	**	**
Esophagus	9	**	**	**
Stomach	11	**	**	**
Colon and Rectum	84	39.1	31.1	48.9
Liver and Intrahepatic Bile Duct	12	**	**	**
Pancreas	22	**	**	**
Larynx	11	**	**	**
Lung and Bronchus	152	73.3	61.9	86.4
Bones and Joints	≤5	**	**	**
Soft Tissue	8	**	**	**
Melanomas of the Skin	23	**	**	**
Breast	120	51.9	42.8	62.7
Cervix	7			
Uterus	19			
Ovary	17			
Prostate	142			
Testis	≤5			
Urinary Bladder	43	20.5	14.8	28.1
Kidney and Renal Pelvis	25	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	13	**	**	**
Thyroid	10	**	**	**
Leukemias	22	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	41	19.4	13.8	26.8
Multiple Myeloma	17	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Howard County**

**Table 1f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Howard County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	770	383.1	355.2	412.8
Major Sites:	748			
Oral Cavity and Pharynx	16	**	**	**
Esophagus	10	**	**	**
Stomach	8	**	**	**
Colon and Rectum	81	41.4	32.7	52.0
Liver and Intrahepatic Bile Duct	6	**	**	**
Pancreas	13	**	**	**
Larynx	9	**	**	**
Lung and Bronchus	88	48.5	38.7	60.3
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	31	13.6	9.0	20.2
Breast	140	60.9	50.5	73.0
Cervix	7			
Uterus	25			
Ovary	17			
Prostate	114			
Testis	8			
Urinary Bladder	33	18.1	12.3	25.9
Kidney and Renal Pelvis	25	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	17	**	**	**
Thyroid	25	**	**	**
Leukemias	11	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	22	**	**	**
Multiple Myeloma	9	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore Metro Region**

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore Metro Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	5,930	487.1	474.6	499.8	5,985	376.6	366.7	386.7
Major Sites:	5,752				5,768			
Oral Cavity and Pharynx	225	17.9	15.6	20.5	97	6.4	5.1	7.9
Esophagus	95	7.9	6.4	9.8	48	2.9	2.1	4.0
Stomach	104	8.4	6.8	10.2	83	4.5	3.5	5.7
Colon and Rectum	677	55.3	51.2	59.7	718	42.1	39.0	45.5
Liver and Intrahepatic Bile Duct	81	6.7	5.3	8.3	36	2.0	1.4	3.0
Pancreas	141	11.7	9.8	13.8	134	7.7	6.4	9.2
Larynx	104	8.7	7.1	10.6	35	2.5	1.7	3.6
Lung and Bronchus	1,039	86.1	80.9	91.6	877	56.2	52.4	60.2
Bones and Joints	18	**	**	**	9	**	**	**
Soft Tissue	45	3.5	2.5	4.8	40	2.6	1.8	3.6
Melanomas of the Skin	192	15.0	12.9	17.3	171	10.9	9.2	12.8
Breast	18	**	**	**	1,845	118.0	112.5	123.8
Cervix					121	7.6	6.2	9.2
Uterus					285	18.6	16.4	21.0
Ovary					201	13.4	11.5	15.5
Prostate	1,685	142.1	135.3	149.1				
Testis	51	3.6	2.6	4.9				
Urinary Bladder	373	30.9	27.8	34.2	156	9.0	7.6	10.7
Kidney and Renal Pelvis	171	13.8	11.8	16.1	137	9.2	7.6	11.0
Eye	6	**	**	**	7	**	**	**
Brain and Other Nervous System	83	6.9	5.5	8.6	83	6.0	4.7	7.6
Thyroid	36	2.6	1.8	3.7	103	7.1	5.8	8.8
Leukemias	130	10.7	8.9	12.8	90	5.7	4.6	7.2
Hodgkin's Disease	34	2.8	1.9	4.0	43	2.9	2.1	4.1
Non-Hodgkin's Lymphomas	221	17.2	14.9	19.7	189	11.9	10.2	13.9
Multiple Myeloma	68	5.5	4.3	7.0	71	4.2	3.2	5.5
Unknown Primary/Other/III Defined Sites	155	12.5	10.6	14.7	189	10.4	8.9	12.2

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Anne Arundel County**

**Table 2a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Anne Arundel County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,027	474.6	445.6	505.3	1,051	391.5	367.6	416.8
Major Sites:	990				1,017			
Oral Cavity and Pharynx	37	15.9	11.1	22.4	15	**	**	**
Esophagus	8	**	**	**	6	**	**	**
Stomach	11	**	**	**	16	**	**	**
Colon and Rectum	110	50.6	41.4	61.3	119	42.8	35.3	51.7
Liver and Intrahepatic Bile Duct	14	**	**	**	≤5	**	**	**
Pancreas	27	13.2	8.6	19.4	24	**	**	**
Larynx	17	**	**	**	≤5	**	**	**
Lung and Bronchus	170	81.7	69.7	95.2	164	63.4	53.9	74.3
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	9	**	**	**	≤5	**	**	**
Melanomas of the Skin	44	18.6	13.3	25.5	41	15.2	10.7	21.3
Breast	≤5	**	**	**	353	131.6	117.9	146.8
Cervix					21	**	**	**
Uterus					44	16.7	12.0	22.9
Ovary					35	13.7	9.4	19.7
Prostate	281	135.3	119.8	152.3				
Testis	9	**	**	**				
Urinary Bladder	71	33.4	26.0	42.4	25	**	**	**
Kidney and Renal Pelvis	30	13.1	8.8	19.0	25	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	14	**	**	**	18	**	**	**
Thyroid	7	**	**	**	15	**	**	**
Leukemias	21	**	**	**	12	**	**	**
Hodgkin's Disease	13	**	**	**	6	**	**	**
Non-Hodgkin's Lymphomas	43	18.7	13.4	25.6	35	12.4	8.6	17.8
Multiple Myeloma	15	**	**	**	11	**	**	**
Unknown Primary/Other/III Defined Sites	31	14.7	9.9	21.1	20	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore City**

**Table 2b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore City, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,813	583.0	556.2	610.8	1,797	395.5	376.6	415.3
Major Sites:	1,751				1,734			
Oral Cavity and Pharynx	80	25.9	20.5	32.5	36	8.6	5.9	12.4
Esophagus	37	12.5	8.8	17.4	22	**	**	**
Stomach	41	12.7	9.1	17.5	39	6.6	4.5	9.7
Colon and Rectum	201	63.0	54.5	72.6	238	49.4	43.0	56.8
Liver and Intrahepatic Bile Duct	29	9.7	6.5	14.1	11	**	**	**
Pancreas	34	10.9	7.5	15.5	46	9.2	6.6	12.8
Larynx	50	16.6	12.3	22.0	18	**	**	**
Lung and Bronchus	344	111.0	99.5	123.6	275	61.9	54.5	70.2
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	12	**	**	**	22	**	**	**
Melanomas of the Skin	30	9.6	6.4	13.9	22	**	**	**
Breast	≤5	**	**	**	508	115.2	105.1	126.3
Cervix					49	11.3	8.2	15.4
Uterus					72	15.9	12.3	20.6
Ovary					59	13.3	10.0	17.7
Prostate	534	175.1	160.4	190.8				
Testis	8	**	**	**				
Urinary Bladder	98	30.9	25.0	37.9	53	10.2	7.5	14.0
Kidney and Renal Pelvis	47	15.1	11.0	20.3	36	7.9	5.5	11.5
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	18	**	**	**	17	**	**	**
Thyroid	7	**	**	**	23	**	**	**
Leukemias	38	12.4	8.8	17.3	24	**	**	**
Hodgkin's Disease	6	**	**	**	15	**	**	**
Non-Hodgkin's Lymphomas	67	20.1	15.5	25.8	49	11.4	8.3	15.6
Multiple Myeloma	17	**	**	**	28	5.9	3.8	9.1
Unknown Primary/Other/III Defined Sites	44	14.0	10.2	19.0	66	12.7	9.6	16.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore County**

**Table 2c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,910	442.9	422.9	463.8	2,009	370.2	353.2	388.0
Major Sites:	1,869				1,944			
Oral Cavity and Pharynx	69	15.9	12.3	20.5	34	6.6	4.5	9.8
Esophagus	27	6.3	4.1	9.5	16	**	**	**
Stomach	32	7.4	5.1	10.8	23	**	**	**
Colon and Rectum	247	56.3	49.5	64.2	244	39.1	34.0	45.0
Liver and Intrahepatic Bile Duct	22	**	**	**	13	**	**	**
Pancreas	47	10.7	7.8	14.6	49	7.7	5.5	10.8
Larynx	22	**	**	**	6	**	**	**
Lung and Bronchus	342	77.9	69.8	87.0	303	55.1	48.8	62.3
Bones and Joints	8	**	**	**	≤5	**	**	**
Soft Tissue	11	**	**	**	12	**	**	**
Melanomas of the Skin	69	15.3	11.9	19.7	67	13.6	10.4	17.8
Breast	6	**	**	**	633	120.5	110.9	131.0
Cervix					27	5.3	3.4	8.3
Uterus					104	20.1	16.3	24.9
Ovary					61	13.1	9.8	17.4
Prostate	520	121.3	111.0	132.5				
Testis	17	**	**	**				
Urinary Bladder	124	28.4	23.6	34.2	51	8.1	5.9	11.3
Kidney and Renal Pelvis	63	15.2	11.6	19.8	48	9.7	7.0	13.4
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	31	8.5	5.6	12.4	28	6.5	4.1	10.0
Thyroid	8	**	**	**	32	7.0	4.7	10.3
Leukemias	45	11.0	7.9	15.2	33	6.5	4.3	9.7
Hodgkin's Disease	11	**	**	**	10	**	**	**
Non-Hodgkin's Lymphomas	67	15.3	11.7	19.8	73	13.4	10.4	17.5
Multiple Myeloma	22	**	**	**	14	**	**	**
Unknown Primary/Other/III Defined Sites	56	12.4	9.4	16.5	60	9.6	7.1	13.1

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Carroll County**

**Table 2d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Carroll County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	342	499.5	446.9	557.4	290	317.6	280.1	359.9
Major Sites:	325				277			
Oral Cavity and Pharynx	11	**	**	**	≤5	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	38	57.2	40.2	79.6	33	33.4	22.3	49.8
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	9	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	51	78.9	58.5	104.8	27	29.9	19.2	46.0
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	21	**	**	**	15	**	**	**
Breast	≤5	**	**	**	91	102.8	81.9	128.8
Cervix					10	**	**	**
Uterus					21	**	**	**
Ovary					12	**	**	**
Prostate	94	140.6	113.1	173.4				
Testis	6	**	**	**				
Urinary Bladder	28	40.8	26.9	60.3	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	7	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	10	**	**	**
Leukemias	8	**	**	**	6	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**	6	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Harford County

**Table 2e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Harford County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	487	511.7	466.4	560.7	419	354.4	320.4	391.8
Major Sites:	476				389			
Oral Cavity and Pharynx	16	**	**	**	6	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	10	**	**	**	≤5	**	**	**
Colon and Rectum	46	49.2	35.8	66.5	38	33.2	23.2	46.8
Liver and Intrahepatic Bile Duct	8	**	**	**	≤5	**	**	**
Pancreas	15	**	**	**	7	**	**	**
Larynx	≤5	**	**	**	6	**	**	**
Lung and Bronchus	93	100.8	81.1	124.4	59	51.8	39.2	68.0
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	6	**	**	**	≤5	**	**	**
Melanomas of the Skin	14	**	**	**	9	**	**	**
Breast	0	**	**	**	120	98.3	81.1	118.9
Cervix					7	**	**	**
Uterus					19	**	**	**
Ovary					17	**	**	**
Prostate	142	154.5	129.8	183.0				
Testis	≤5	**	**	**				
Urinary Bladder	30	32.1	21.6	46.6	13	**	**	**
Kidney and Renal Pelvis	14	**	**	**	11	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	6	**	**	**	7	**	**	**
Thyroid	6	**	**	**	≤5	**	**	**
Leukemias	12	**	**	**	10	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	24	**	**	**	17	**	**	**
Multiple Myeloma	9	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Howard County**

**Table 2f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Howard County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	351	415.3	371.2	463.5	419	369.2	332.5	409.3
Major Sites:	341				407			
Oral Cavity and Pharynx	12	**	**	**	≤5	**	**	**
Esophagus	9	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	35	40.6	27.8	57.7	46	40.3	29.1	55.2
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	9	**	**	**	≤5	**	**	**
Larynx	7	**	**	**	≤5	**	**	**
Lung and Bronchus	39	49.3	34.7	68.4	49	49.4	36.0	66.6
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	14	**	**	**	17	**	**	**
Breast	0	**	**	**	140	117.5	97.4	141.2
Cervix					7	**	**	**
Uterus					25	**	**	**
Ovary					17	**	**	**
Prostate	114	145.4	119.3	175.8				
Testis	8	**	**	**				
Urinary Bladder	22	**	**	**	11	**	**	**
Kidney and Renal Pelvis	12	**	**	**	13	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	7	**	**	**	10	**	**	**
Thyroid	6	**	**	**	19	**	**	**
Leukemias	6	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	9	**	**	**
Multiple Myeloma	≤5	**	**	**	7	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Baltimore Metro Region**

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore Metro Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	8,821	411.3	402.5	420.3	2,656	426.9	410.6	443.7
Major Sites:	8,536				2,565			
Oral Cavity and Pharynx	220	10.5	9.1	12.0	85	13.2	10.5	16.4
Esophagus	85	3.9	3.1	4.9	55	9.4	7.0	12.2
Stomach	111	4.7	3.9	5.8	66	10.6	8.2	13.6
Colon and Rectum	1,042	45.6	42.8	48.6	316	52.5	46.9	58.7
Liver and Intrahepatic Bile Duct	80	3.8	3.0	4.8	34	5.5	3.8	7.8
Pancreas	196	8.7	7.5	10.1	75	12.2	9.6	15.3
Larynx	95	4.7	3.8	5.9	43	7.1	5.1	9.6
Lung and Bronchus	1,473	68.7	65.2	72.5	431	71.2	64.6	78.3
Bones and Joints	23	**	**	**	≤5	**	**	**
Soft Tissue	58	2.8	2.1	3.8	25	**	**	**
Melanomas of the Skin	352	16.4	14.6	18.3	≤5	**	**	**
Breast	1,443	67.4	63.9	71.1	369	55.8	50.1	61.9
Cervix	67				46			
Uterus	208				67			
Ovary	156				38			
Prostate	1,066				431			
Testis	43				6			
Urinary Bladder	438	19.7	17.8	21.7	80	13.4	10.6	16.7
Kidney and Renal Pelvis	231	11.3	9.8	12.9	75	12.1	9.5	15.2
Eye	11	**	**	**	≤5	**	**	**
Brain and Other Nervous System	140	7.6	6.3	9.0	24	**	**	**
Thyroid	114	5.7	4.7	7.0	21	**	**	**
Leukemias	172	8.3	7.0	9.8	43	7.0	5.1	9.6
Hodgkin's Disease	52	2.9	2.2	3.9	22	**	**	**
Non-Hodgkin's Lymphomas	316	14.4	12.8	16.2	77	10.9	8.5	13.7
Multiple Myeloma	82	3.7	2.9	4.7	53	8.5	6.3	11.2
Unknown Primary/Other/III Defined Sites	262	10.9	9.6	12.5	75	12.2	9.5	15.3

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Anne Arundel County**

**Table 3a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Anne Arundel County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,765	426.6	406.6	447.5	227	357.2	311.5	408.3
Major Sites:	1,704				220			
Oral Cavity and Pharynx	40	9.7	6.8	13.4	10	**	**	**
Esophagus	12	**	**	**	≤5	**	**	**
Stomach	18	**	**	**	8	**	**	**
Colon and Rectum	194	46.0	39.6	53.1	26	42.1	27.3	62.5
Liver and Intrahepatic Bile Duct	14	**	**	**	≤5	**	**	**
Pancreas	43	10.7	7.7	14.6	8	**	**	**
Larynx	16	**	**	**	≤5	**	**	**
Lung and Bronchus	299	74.1	65.9	83.3	33	52.4	35.9	74.5
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	12	**	**	**	0	**	**	**
Melanomas of the Skin	82	18.8	14.8	23.7	≤5	**	**	**
Breast	313	73.1	65.1	82.0	37	53.7	37.4	75.4
Cervix	15				≤5			
Uterus	39				≤5			
Ovary	33				0			
Prostate	208				37			
Testis	7				≤5			
Urinary Bladder	84	20.4	16.2	25.5	10	**	**	**
Kidney and Renal Pelvis	49	12.0	8.8	16.1	6	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	30	7.6	5.1	11.1	≤5	**	**	**
Thyroid	15	**	**	**	≤5	**	**	**
Leukemias	29	7.2	4.7	10.6	≤5	**	**	**
Hodgkin's Disease	15	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	69	16.0	12.4	20.5	≤5	**	**	**
Multiple Myeloma	16	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	47	11.1	8.1	15.0	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore City**

**Table 3b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore City, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,711	530.7	503.5	559.8	1,797	423.2	403.7	443.5
Major Sites:	1,654				1,733			
Oral Cavity and Pharynx	52	19.0	14.0	26.3	62	14.3	11.0	18.5
Esophagus	17	**	**	**	42	10.3	7.4	14.0
Stomach	28	6.8	4.2	11.7	50	11.7	8.7	15.5
Colon and Rectum	219	57.3	49.2	67.4	214	51.6	44.9	59.1
Liver and Intrahepatic Bile Duct	14	**	**	**	26	6.1	4.0	9.1
Pancreas	33	9.3	6.1	14.8	46	10.6	7.8	14.3
Larynx	37	12.6	8.6	18.9	31	7.6	5.2	10.9
Lung and Bronchus	304	94.5	83.3	107.5	310	74.0	66.0	82.8
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	13	**	**	**	21	**	**	**
Melanomas of the Skin	51	16.3	11.8	23.1	≤5	**	**	**
Breast	269	87.4	76.4	100.3	233	53.3	46.6	60.7
Cervix	18				30			
Uterus	25				43			
Ovary	28				31			
Prostate	197				277			
Testis	≤5				≤5			
Urinary Bladder	99	26.7	21.2	34.2	52	12.4	9.3	16.4
Kidney and Renal Pelvis	34	10.3	6.8	16.0	49	11.6	8.5	15.4
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	24	**	**	**	11	**	**	**
Thyroid	22	**	**	**	8	**	**	**
Leukemias	33	10.0	6.5	15.7	29	7.2	4.8	10.4
Hodgkin's Disease	≤5	**	**	**	15	**	**	**
Non-Hodgkin's Lymphomas	59	18.6	13.8	25.6	56	11.9	8.9	15.6
Multiple Myeloma	11	**	**	**	33	7.9	5.4	11.2
Unknown Primary/Other/III Defined Sites	51	12.2	8.7	17.7	57	13.5	10.2	17.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore County**

**Table 3c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	3,331	378.8	365.4	392.8	463	566.1	513.4	623.2
Major Sites:	3,240				450			
Oral Cavity and Pharynx	84	9.6	7.5	12.3	10	**	**	**
Esophagus	33	3.6	2.4	5.5	9	**	**	**
Stomach	43	4.7	3.3	6.7	8	**	**	**
Colon and Rectum	425	44.3	40.0	49.1	53	70.6	52.4	93.5
Liver and Intrahepatic Bile Duct	31	3.7	2.4	5.6	≤5	**	**	**
Pancreas	80	8.0	6.3	10.3	14	**	**	**
Larynx	21	**	**	**	7	**	**	**
Lung and Bronchus	571	62.3	57.1	68.0	70	91.3	70.5	116.6
Bones and Joints	9	**	**	**	0	**	**	**
Soft Tissue	19	**	**	**	≤5	**	**	**
Melanomas of the Skin	131	15.8	13.1	19.1	≤5	**	**	**
Breast	551	64.8	59.3	70.8	72	77.3	59.3	99.6
Cervix	15				9			
Uterus	88				13			
Ovary	56				≤5			
Prostate	389				85			
Testis	16				≤5			
Urinary Bladder	162	17.1	14.5	20.4	12	**	**	**
Kidney and Renal Pelvis	97	12.0	9.6	15.0	13	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	49	7.6	5.5	10.6	8	**	**	**
Thyroid	35	5.0	3.5	7.3	≤5	**	**	**
Leukemias	66	8.2	6.2	11.0	8	**	**	**
Hodgkin's Disease	18	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	120	13.6	11.1	16.7	13	**	**	**
Multiple Myeloma	26	2.6	1.7	4.3	10	**	**	**
Unknown Primary/Other/III Defined Sites	101	10.1	8.1	12.7	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Carroll County**

**Table 3d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Carroll County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	592	384.9	353.4	419.1	13	**	**	**
Major Sites:	564				13			
Oral Cavity and Pharynx	12	**	**	**	0	**	**	**
Esophagus	8	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	68	43.8	33.6	56.6	≤5	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	0	**	**	**
Pancreas	11	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	77	52.9	41.4	67.2	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	34	19.2	12.9	28.3	0	**	**	**
Breast	88	55.5	44.1	69.5	≤5	**	**	**
Cervix	8				≤5			
Uterus	21				0			
Ovary	12				0			
Prostate	83				0			
Testis	6				0			
Urinary Bladder	28	18.3	12.0	27.5	≤5	**	**	**
Kidney and Renal Pelvis	8	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	9	**	**	**	≤5	**	**	**
Thyroid	12	**	**	**	0	**	**	**
Leukemias	14	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Harford County

**Table 3e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Harford County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	804	419.3	390.2	450.4	66	344.3	265.4	440.9
Major Sites:	772				61			
Oral Cavity and Pharynx	21	**	**	**	0	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	11	**	**	**	0	**	**	**
Colon and Rectum	74	38.6	30.2	49.0	10	**	**	**
Liver and Intrahepatic Bile Duct	11	**	**	**	≤5	**	**	**
Pancreas	20	**	**	**	≤5	**	**	**
Larynx	10	**	**	**	≤5	**	**	**
Lung and Bronchus	146	79.0	66.5	93.5	6	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	7	**	**	**	≤5	**	**	**
Melanomas of the Skin	23	**	**	**	0	**	**	**
Breast	111	54.0	44.2	65.9	8	**	**	**
Cervix	≤5				≤5			
Uterus	17				≤5			
Ovary	14				≤5			
Prostate	104				15			
Testis	≤5				0			
Urinary Bladder	35	18.8	13.0	26.7	≤5	**	**	**
Kidney and Renal Pelvis	23	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	13	**	**	**	0	**	**	**
Thyroid	10	**	**	**	0	**	**	**
Leukemias	21	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	38	20.2	14.2	28.3	≤5	**	**	**
Multiple Myeloma	17	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	22	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Howard County**

**Table 3f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Howard County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	618	379.2	348.4	412.2	90	335.4	266.3	418.2
Major Sites:	602				88			
Oral Cavity and Pharynx	11	**	**	**	≤5	**	**	**
Esophagus	8	**	**	**	≤5	**	**	**
Stomach	6	**	**	**	0	**	**	**
Colon and Rectum	62	38.6	29.3	50.3	12	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	9	**	**	**	≤5	**	**	**
Larynx	7	**	**	**	≤5	**	**	**
Lung and Bronchus	76	50.7	39.7	64.2	11	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	31	17.1	11.2	25.3	0	**	**	**
Breast	111	62.4	50.5	76.5	17	**	**	**
Cervix	6				≤5			
Uterus	18				≤5			
Ovary	13				0			
Prostate	85				17			
Testis	7				≤5			
Urinary Bladder	30	20.1	13.4	29.3	≤5	**	**	**
Kidney and Renal Pelvis	20	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	15	**	**	**	≤5	**	**	**
Thyroid	20	**	**	**	≤5	**	**	**
Leukemias	9	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	17	**	**	**	≤5	**	**	**
Multiple Myeloma	7	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	18	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore Metro Region**

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Baltimore Metro Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	4,303	457.9	444.1	472.1	1,341	528.6	500.3	558.2
Major Sites:	4,174				1,297			
Oral Cavity and Pharynx	151	15.9	13.4	18.7	59	21.3	16.2	27.8
Esophagus	56	6.0	4.5	7.9	36	14.3	10.0	20.0
Stomach	66	6.9	5.3	8.9	33	12.6	8.6	17.9
Colon and Rectum	515	54.1	49.5	59.1	143	57.6	48.5	68.1
Liver and Intrahepatic Bile Duct	53	5.7	4.3	7.6	25	**	**	**
Pancreas	103	11.1	9.0	13.5	36	14.1	9.9	19.8
Larynx	70	7.6	5.9	9.7	33	12.8	8.8	18.3
Lung and Bronchus	792	84.3	78.5	90.6	240	97.2	85.2	110.6
Bones and Joints	14	**	**	**	≤5	**	**	**
Soft Tissue	38	4.0	2.8	5.6	7	**	**	**
Melanomas of the Skin	186	19.0	16.3	22.1	≤5	**	**	**
Breast	15	**	**	**	≤5	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	1,066	116.5	109.6	123.9	431	176.2	159.9	193.9
Testis	43	4.4	3.1	6.1	6	**	**	**
Urinary Bladder	315	33.4	29.8	37.4	50	21.1	15.6	27.9
Kidney and Renal Pelvis	125	13.2	10.9	15.8	44	16.8	12.1	22.8
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	70	8.0	6.2	10.3	12	**	**	**
Thyroid	33	3.1	2.1	4.5	≤5	**	**	**
Leukemias	101	11.1	9.0	13.6	28	10.8	7.1	16.0
Hodgkin's Disease	25	**	**	**	8	**	**	**
Non-Hodgkin's Lymphomas	171	17.5	14.9	20.4	39	12.4	8.6	17.4
Multiple Myeloma	45	4.7	3.4	6.4	21	**	**	**
Unknown Primary/Other/III Defined Sites	116	11.8	9.7	14.3	37	14.5	10.1	20.2

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Baltimore Metro Region**

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Baltimore Metro Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	4,518	383.3	371.5	395.4	1,315	356.3	337.0	376.6
Major Sites:	4,361				1,268			
Oral Cavity and Pharynx	69	6.1	4.7	7.9	26	7.1	4.6	10.6
Esophagus	29	2.1	1.4	3.3	19	**	**	**
Stomach	45	2.9	2.1	4.2	33	8.9	6.1	12.7
Colon and Rectum	527	39.2	35.7	43.1	173	49.1	42.0	57.1
Liver and Intrahepatic Bile Duct	27	2.1	1.4	3.4	9	**	**	**
Pancreas	93	6.8	5.4	8.6	39	10.6	7.5	14.7
Larynx	25	**	**	**	10	**	**	**
Lung and Bronchus	681	57.6	53.1	62.4	191	54.0	46.6	62.4
Bones and Joints	9	**	**	**	0	**	**	**
Soft Tissue	20	**	**	**	18	**	**	**
Melanomas of the Skin	166	15.0	12.7	17.7	≤5	**	**	**
Breast	1,428	125.2	118.5	132.2	367	96.2	86.5	106.9
Cervix	67	5.9	4.5	7.7	46	11.0	8.0	15.0
Uterus	207	18.3	15.8	21.2	67	19.1	14.8	24.4
Ovary	156	14.5	12.2	17.2	38	10.3	7.3	14.4
Prostate								
Testis								
Urinary Bladder	123	9.2	7.6	11.3	30	8.2	5.5	12.0
Kidney and Renal Pelvis	106	9.8	7.9	12.1	31	8.6	5.8	12.4
Eye	6	**	**	**	≤5	**	**	**
Brain and Other Nervous System	70	7.2	5.5	9.4	12	**	**	**
Thyroid	81	8.4	6.6	10.7	20	**	**	**
Leukemias	71	6.0	4.6	7.8	15	**	**	**
Hodgkin's Disease	27	2.9	1.8	4.4	14	**	**	**
Non-Hodgkin's Lymphomas	145	12.2	10.2	14.6	38	9.7	6.8	13.6
Multiple Myeloma	37	2.9	2.0	4.3	32	8.5	5.8	12.3
Unknown Primary/Other/III Defined Sites	146	10.3	8.5	12.4	38	10.3	7.3	14.3

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Baltimore Metro Region**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore Metro Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	5,527	188.0	183.0	193.2
Major Sites:	5,412			
Oral Cavity and Pharynx	84	2.9	2.3	3.7
Esophagus	132	4.7	3.9	5.6
Stomach	137	4.5	3.8	5.4
Colon and Rectum	592	19.5	18.0	21.2
Liver and Intrahepatic Bile Duct	114	3.9	3.2	4.7
Pancreas	300	10.0	8.9	11.2
Larynx	52	1.9	1.4	2.5
Lung and Bronchus	1,700	59.8	57.0	62.8
Bones and Joints	10	**	**	**
Soft Tissue	45	1.6	1.2	2.2
Melanomas of the Skin	58	2.1	1.6	2.7
Breast	423	14.3	12.9	15.8
Cervix	36			
Uterus	58			
Ovary	135			
Prostate	312			
Testis	≤5			
Urinary Bladder	125	3.9	3.3	4.7
Kidney and Renal Pelvis	96	3.3	2.7	4.1
Eye	≤5	**	**	**
Brain and Other Nervous System	99	3.7	3.0	4.5
Thyroid	8	**	**	**
Leukemias	196	6.5	5.6	7.6
Hodgkin's Disease	9	**	**	**
Non-Hodgkin's Lymphomas	202	6.8	5.8	7.8
Multiple Myeloma	113	3.8	3.1	4.6
Unknown Primary/Other/III Defined Sites	370	12.2	11.0	13.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Anne Arundel County**

**Table 6a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Anne Arundel County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	863	177.8	166.0	190.3
Major Site:	850			
Oral Cavity and Pharynx	14	**	**	**
Esophagus	17	**	**	**
Stomach	17	**	**	**
Colon and Rectum	93	18.8	15.1	23.2
Liver and Intrahepatic Bile Duct	19	**	**	**
Pancreas	53	10.8	8.0	14.2
Larynx	≤5	**	**	**
Lung and Bronchus	269	56.7	50.1	64.1
Bones and Joints	≤5	**	**	**
Soft Tissue	9	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	63	12.9	9.9	16.7
Cervix	≤5			
Uterus	9			
Ovary	18			
Prostate	52			
Testis	0			
Urinary Bladder	17	**	**	**
Kidney and Renal Pelvis	13	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	16	**	**	**
Thyroid	≤5	**	**	**
Leukemias	29	5.7	3.8	8.3
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	33	6.8	4.6	9.7
Multiple Myeloma	21	**	**	**
Unknown Primary/Other/III Defined Sites	60	12.1	9.2	15.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore City**

**Table 6b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore City, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	1,890	236.2	225.4	247.6
Major Sites:	1,850			
Oral Cavity and Pharynx	42	5.5	3.9	7.7
Esophagus	58	7.7	5.8	10.2
Stomach	69	8.4	6.5	10.9
Colon and Rectum	210	25.5	22.1	29.5
Liver and Intrahepatic Bile Duct	46	6.0	4.4	8.2
Pancreas	91	11.3	9.0	14.0
Larynx	25	**	**	**
Lung and Bronchus	580	75.0	68.9	81.6
Bones and Joints	≤5	**	**	**
Soft Tissue	12	**	**	**
Melanomas of the Skin	16	**	**	**
Breast	145	17.9	15.0	21.3
Cervix	19			
Uterus	23			
Ovary	47			
Prostate	106			
Testis	≤5			
Urinary Bladder	45	5.2	3.7	7.2
Kidney and Renal Pelvis	28	3.4	2.3	5.2
Eye	0	**	**	**
Brain and Other Nervous System	18	**	**	**
Thyroid	≤5	**	**	**
Leukemias	58	7.1	5.4	9.4
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	58	7.2	5.4	9.5
Multiple Myeloma	38	4.6	3.2	6.6
Unknown Primary/Other/III Defined Sites	104	12.9	10.5	15.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore County**

**Table 6c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Baltimore County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	1,809	169.1	161.1	177.5
Major Sites:	1,767			
Oral Cavity and Pharynx	19	**	**	**
Esophagus	39	3.8	2.7	5.4
Stomach	32	2.8	1.9	4.2
Colon and Rectum	190	16.9	14.5	19.8
Liver and Intrahepatic Bile Duct	33	3.0	2.1	4.5
Pancreas	97	8.5	6.8	10.6
Larynx	18	**	**	**
Lung and Bronchus	584	56.4	51.8	61.4
Bones and Joints	≤5	**	**	**
Soft Tissue	14	**	**	**
Melanomas of the Skin	17	**	**	**
Breast	138	12.9	10.8	15.6
Cervix	≤5			
Uterus	13			
Ovary	35			
Prostate	97			
Testis	≤5			
Urinary Bladder	38	3.0	2.1	4.4
Kidney and Renal Pelvis	34	3.5	2.4	5.2
Eye	≤5	**	**	**
Brain and Other Nervous System	36	3.8	2.6	5.5
Thyroid	≤5	**	**	**
Leukemias	73	6.7	5.2	8.7
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	79	7.3	5.8	9.4
Multiple Myeloma	35	3.2	2.2	4.7
Unknown Primary/Other/III Defined Sites	132	12.1	10.0	14.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Carroll County**

**Table 6d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Carroll County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	264	159.5	140.1	181.4
Major Sites:	256			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	37	21.1	14.6	30.3
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	18	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	68	44.2	34.0	57.0
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	18	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	11			
Prostate	11			
Testis	0			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	15	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	9	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Harford County**

**Table 6e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Harford County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	389	178.7	161.2	198.0
Major Sites:	380			
Oral Cavity and Pharynx	6	**	**	**
Esophagus	8	**	**	**
Stomach	8	**	**	**
Colon and Rectum	36	15.9	11.1	22.7
Liver and Intrahepatic Bile Duct	8	**	**	**
Pancreas	24	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	118	57.3	47.4	69.1
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	30	13.3	8.9	19.5
Cervix	≤5			
Uterus	≤5			
Ovary	9			
Prostate	23			
Testis	0			
Urinary Bladder	11	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	13	**	**	**
Thyroid	0	**	**	**
Leukemias	12	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	11	**	**	**
Multiple Myeloma	9	**	**	**
Unknown Primary/Other/III Defined Sites	28	12.0	7.9	17.9

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Howard County**

**Table 6f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Howard County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	312	162.7	144.6	182.5
Major Sites:	309			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	7	**	**	**
Colon and Rectum	26	13.0	8.4	19.5
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	17	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	81	44.1	34.8	55.2
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	29	15.5	10.2	22.8
Cervix	≤5			
Uterus	≤5			
Ovary	15			
Prostate	23			
Testis	≤5			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	9	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	15	**	**	**
Thyroid	0	**	**	**
Leukemias	9	**	**	**
Hodgkins Disease	0	**	**	**
Non-Hodgkins Lymphomas	12	**	**	**
Multiple Myeloma	7	**	**	**
Unknown Primary/Other/III Defined Sites	21	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Baltimore Metro Region**

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore Metro Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,819	230.8	222.3	239.6	2,708	159.2	153.0	165.6
Major Sites:	2,778				2,634			
Oral Cavity and Pharynx	56	4.6	3.4	6.0	28	1.8	1.1	2.7
Esophagus	91	7.6	6.1	9.4	41	2.4	1.7	3.4
Stomach	77	6.1	4.8	7.7	60	3.4	2.6	4.5
Colon and Rectum	280	22.9	20.3	25.8	312	16.8	14.9	19.0
Liver and Intrahepatic Bile Duct	77	6.3	4.9	7.9	37	2.0	1.4	2.9
Pancreas	146	12.0	10.1	14.1	154	8.5	7.1	10.1
Larynx	42	3.5	2.6	4.8	10	**	**	**
Lung and Bronchus	962	79.5	74.5	84.7	738	45.8	42.5	49.5
Bones and Joints	≤5	**	**	**	6	**	**	**
Soft Tissue	20	**	**	**	25	**	**	**
Melanomas of the Skin	34	2.8	1.9	4.0	24	**	**	**
Breast	≤5	**	**	**	420	25.3	22.8	28.0
Cervix					36	2.2	1.5	3.1
Uterus					58	3.3	2.4	4.4
Ovary					135	8.2	6.8	9.9
Prostate	312	25.5	22.8	28.6				
Testis	≤5	**	**	**				
Urinary Bladder	74	6.0	4.7	7.6	51	2.8	2.0	3.8
Kidney and Renal Pelvis	57	4.6	3.5	6.0	39	2.2	1.5	3.1
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	53	4.4	3.2	5.8	46	3.0	2.2	4.1
Thyroid	≤5	**	**	**	6	**	**	**
Leukemias	109	8.7	7.2	10.6	87	5.0	4.0	6.3
Hodgkin's Disease	7	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	111	9.0	7.4	10.9	91	5.1	4.1	6.4
Multiple Myeloma	57	4.6	3.5	6.0	56	3.1	2.3	4.2
Unknown Primary/Other/III Defined Sites	198	16.1	13.9	18.5	172	9.3	7.9	11.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Anne Arundel County**

**Table 7a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Anne Arundel County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	481	230.6	210.2	252.6	382	140.3	126.2	155.7
Major Sites:	474				376			
Oral Cavity and Pharynx	11	**	**	**	≤5	**	**	**
Esophagus	13	**	**	**	≤5	**	**	**
Stomach	10	**	**	**	7	**	**	**
Colon and Rectum	51	23.6	17.5	31.4	42	14.9	10.6	20.7
Liver and Intrahepatic Bile Duct	11	**	**	**	8	**	**	**
Pancreas	30	13.8	9.2	20.0	23	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	159	76.2	64.7	89.3	110	41.7	34.2	50.8
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	6	**	**	**	≤5	**	**	**
Melanomas of the Skin	9	**	**	**	≤5	**	**	**
Breast	0	**	**	**	63	23.8	18.2	31.0
Cervix					≤5	**	**	**
Uterus					9	**	**	**
Ovary					18	**	**	**
Prostate	52	27.2	20.3	35.9				
Testis	0	**	**	**				
Urinary Bladder	11	**	**	**	6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	10	**	**	**	6	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	13	**	**	**	16	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	21	**	**	**	12	**	**	**
Multiple Myeloma	13	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	39	19.3	13.7	26.6	21	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore City**

**Table 7b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore City, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	955	302.5	283.4	322.6	935	192.7	179.9	206.5
Major Sites	945				905			
Oral Cavity and Pharynx	33	10.7	7.3	15.2	9	**	**	**
Esophagus	39	12.7	9.0	17.6	19	**	**	**
Stomach	36	11.4	7.9	15.9	33	6.4	4.3	9.6
Colon and Rectum	102	32.4	26.4	39.5	108	20.6	16.7	25.5
Liver and Intrahepatic Bile Duct	33	10.6	7.3	15.1	13	**	**	**
Pancreas	39	12.5	8.8	17.3	52	10.4	7.7	14.2
Larynx	22	**	**	**	≤5	**	**	**
Lung and Bronchus	341	109.0	97.7	121.5	239	52.1	45.5	59.8
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	9	**	**	**
Melanomas of the Skin	8	**	**	**	8	**	**	**
Breast	≤5	**	**	**	143	30.1	25.1	36.1
Cervix					19	**	**	**
Uterus					23	**	**	**
Ovary					47	10.1	7.3	13.9
Prostate	106	31.8	26.0	38.6				
Testis	≤5	**	**	**				
Urinary Bladder	23	**	**	**	22	**	**	**
Kidney and Renal Pelvis	15	**	**	**	13	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	10	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	29	9.1	6.1	13.3	29	5.6	3.7	8.6
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	26	8.2	5.3	12.2	32	6.3	4.2	9.5
Multiple Myeloma	18	**	**	**	20	**	**	**
Unknown Primary/Other/III Defined Sites	55	17.7	13.3	23.2	49	9.2	6.7	12.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore County**

**Table 7c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Baltimore County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	895	200.2	187.1	214.1	914	149.7	139.6	160.8
Major Sites	877				890			
Oral Cavity and Pharynx	8	**	**	**	11	**	**	**
Esophagus	26	6.0	3.9	9.2	13	**	**	**
Stomach	17	**	**	**	15	**	**	**
Colon and Rectum	84	18.7	14.9	23.5	106	15.5	12.5	19.4
Liver and Intrahepatic Bile Duct	19	**	**	**	14	**	**	**
Pancreas	49	11.0	8.1	14.9	48	6.5	4.7	9.2
Larynx	13	**	**	**	≤5	**	**	**
Lung and Bronchus	310	69.2	61.7	77.7	274	48.1	42.3	54.8
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	9	**	**	**
Melanomas of the Skin	12	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	137	22.8	18.9	27.7
Cervix					≤5	**	**	**
Uterus					13	**	**	**
Ovary					35	5.7	3.8	8.5
Prostate	97	21.2	17.1	26.1				
Testis	≤5	**	**	**				
Urinary Bladder	24	**	**	**	14	**	**	**
Kidney and Renal Pelvis	19	**	**	**	15	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	15	**	**	**	21	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	42	9.4	6.7	13.1	31	4.8	3.2	7.4
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	48	10.6	7.8	14.5	31	4.9	3.3	7.7
Multiple Myeloma	15	**	**	**	20	**	**	**
Unknown Primary/Other/III Defined Sites	67	14.9	11.5	19.3	65	10.2	7.7	13.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Carroll County**

**Table 7d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Carroll County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	132	194.1	162.0	231.6	132	134.2	110.6	162.7
Major Sites:	129				127			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	14	**	**	**	23	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	7	**	**	**	11	**	**	**
Larynx	0	**	**	**	≤5	**	**	**
Lung and Bronchus	44	67.0	48.5	91.1	24	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	18	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					11	**	**	**
Prostate	11	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	10	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	6	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	15	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Harford County**

**Table 7e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Harford County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	205	219.7	190.2	252.9	184	148.8	127.5	173.4
Major Sites:	203				177			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	6	**	**	**	≤5	**	**	**
Colon and Rectum	18	**	**	**	18	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	≤5	**	**	**
Pancreas	11	**	**	**	13	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	69	76.0	59.0	96.9	49	43.2	31.8	58.2
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	30	24.5	16.4	36.3
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					9	**	**	**
Prostate	23	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	8	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	9	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	6	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Howard County**

**Table 7f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Howard County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	151	189.2	159.3	223.4	161	148.4	125.4	175.1
Major Sites:	150				159			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	11	**	**	**	15	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	10	**	**	**	7	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	39	50.8	35.9	70.3	42	39.8	28.3	55.1
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	0	**	**	**	≤5	**	**	**
Breast	0	**	**	**	29	29.0	19.0	42.9
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					15	**	**	**
Prostate	23	**	**	**				
Testis	≤5	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	12	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	6	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	8	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore Metro Region**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore Metro Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	4,057	177.5	171.9	183.3	1,428	232.7	220.7	245.2
Major Sites:	3,979				1,393			
Oral Cavity and Pharynx	54	2.4	1.8	3.2	29	4.8	3.2	7.0
Esophagus	74	3.4	2.6	4.3	58	9.8	7.4	12.7
Stomach	76	3.1	2.4	4.0	55	8.8	6.6	11.5
Colon and Rectum	436	18.3	16.5	20.2	146	23.8	20.1	28.0
Liver and Intrahepatic Bile Duct	69	3.1	2.4	4.0	41	6.5	4.7	8.9
Pancreas	218	9.1	7.9	10.5	80	13.1	10.4	16.4
Larynx	32	1.5	1.0	2.2	20	**	**	**
Lung and Bronchus	1,278	58.2	55.0	61.6	416	68.8	62.3	75.8
Bones and Joints	10	**	**	**	0	**	**	**
Soft Tissue	36	1.7	1.2	2.4	9	**	**	**
Melanomas of the Skin	56	2.7	2.0	3.6	≤5	**	**	**
Breast	301	13.3	11.8	15.0	122	19.2	15.9	23.1
Cervix	16				17			
Uterus	41				16			
Ovary	106				29			
Prostate	208				103			
Testis	≤5				0			
Urinary Bladder	101	4.0	3.2	5.0	24	**	**	**
Kidney and Renal Pelvis	71	3.1	2.4	4.0	25	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	86	4.3	3.4	5.4	12	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	159	6.9	5.8	8.2	36	5.7	4.0	8.0
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	170	7.4	6.3	8.7	31	4.9	3.3	7.0
Multiple Myeloma	71	3.0	2.3	3.9	42	6.9	4.9	9.3
Unknown Primary/Other/III Defined Sites	294	12.3	10.9	13.9	73	11.8	9.2	14.9

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Anne Arundel County**

**Table 8a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Anne Arundel County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	746	181.0	168.1	194.8	109	175.0	143.3	212.1
Major Sites:	736				107			
Oral Cavity and Pharynx	12	**	**	**	≤5	**	**	**
Esophagus	15	**	**	**	≤5	**	**	**
Stomach	13	**	**	**	≤5	**	**	**
Colon and Rectum	78	18.5	14.6	23.3	14	**	**	**
Liver and Intrahepatic Bile Duct	15	**	**	**	≤5	**	**	**
Pancreas	43	10.2	7.4	14.0	9	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	237	58.3	51.0	66.4	30	52.6	35.5	75.7
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	9	**	**	**	0	**	**	**
Melanomas of the Skin	13	**	**	**	0	**	**	**
Breast	51	12.6	9.4	16.8	12	**	**	**
Cervix	≤5				≤5			
Uterus	8				≤5			
Ovary	17				≤5			
Prostate	47				≤5			
Testis	0				0			
Urinary Bladder	15	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	10	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	14	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	26	6.0	3.9	9.1	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	31	7.7	5.2	11.1	≤5	**	**	**
Multiple Myeloma	19	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	51	12.1	9.0	16.2	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore City**

**Table 8b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore City, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	804	219.0	202.4	237.4	1,079	254.5	239.5	270.3
Major Sites:	790				1,053			
Oral Cavity and Pharynx	17	**	**	**	24	**	**	**
Esophagus	15	**	**	**	43	10.4	7.5	14.1
Stomach	24	**	**	**	45	10.4	7.6	14.1
Small Intestine	0	**	**	**	6	**	**	**
Colon and Rectum	96	24.5	19.3	31.8	111	26.3	21.6	31.8
Liver and Intrahepatic Bile Duct	13	**	**	**	33	7.7	5.3	11.0
Pancreas	36	9.1	6.1	14.5	55	12.9	9.7	17.0
Larynx	7	**	**	**	18	**	**	**
Lung and Bronchus	253	75.0	65.2	86.7	325	77.0	68.8	86.0
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	7	**	**	**
Melanomas of the Skin	15	**	**	**	≤5	**	**	**
Breast	61	15.7	11.6	22.0	84	19.5	15.6	24.3
Cervix	6				12			
Uterus	9				14			
Ovary	21				26			
Prostate	30				76			
Testis	≤5				0			
Urinary Bladder	25	**	**	**	20	**	**	**
Kidney and Renal Pelvis	10	**	**	**	18	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	14	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	33	8.3	5.5	13.4	25	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	38	11.4	7.8	17.3	20	**	**	**
Multiple Myeloma	9	**	**	**	29	6.9	4.6	10.0
Unknown Primary/Other/III Defined Sites	48	12.4	8.8	18.1	56	13.2	9.9	17.2

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore County**

**Table 8c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Baltimore County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,636	167.5	159.1	176.5	162	216.0	183.1	253.4
Major Sites:	1,600				156			
Oral Cavity and Pharynx	17	**	**	**	≤5	**	**	**
Esophagus	28	2.9	1.9	4.6	11	**	**	**
Stomach	25	**	**	**	≤5	**	**	**
Colon and Rectum	175	16.9	14.4	20.0	13	**	**	**
Liver and Intrahepatic Bile Duct	30	3.0	2.0	4.7	≤5	**	**	**
Pancreas	87	8.2	6.5	10.4	10	**	**	**
Larynx	17	**	**	**	≤5	**	**	**
Lung and Bronchus	539	56.9	52.1	62.4	44	60.0	43.2	81.4
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	12	**	**	**	≤5	**	**	**
Melanomas of the Skin	16	**	**	**	≤5	**	**	**
Breast	125	13.1	10.8	16.0	13	**	**	**
Cervix	≤5				≤5			
Uterus	13				0			
Ovary	34				≤5			
Prostate	84				13			
Testis	≤5				0			
Urinary Bladder	36	3.1	2.1	4.7	≤5	**	**	**
Kidney and Renal Pelvis	30	3.4	2.3	5.3	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	33	4.1	2.8	6.2	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	66	7.0	5.3	9.3	6	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	71	7.2	5.5	9.4	7	**	**	**
Multiple Myeloma	28	2.6	1.7	4.2	7	**	**	**
Unknown Primary/Other/III Defined Sites	123	12.2	10.1	15.0	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Carroll County**

**Table 8d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Carroll County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	255	159.1	139.4	181.4	7	**	**	**
Major Sites:	247				7			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	35	20.8	14.2	30.2	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	17	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	68	45.8	35.3	59.2	0	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	17	**	**	**	≤5	**	**	**
Cervix	≤5				≤5			
Uterus	≤5				0			
Ovary	11				0			
Prostate	10				≤5			
Testis	0				0			
Urinary Bladder	7	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	15	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	8	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

# Harford County

**Table 8e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Harford County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	359	184.3	165.4	205.1	29	154.2	102.7	224.1
Major Sites:	351				28			
Oral Cavity and Pharynx	6	**	**	**	0	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	7	**	**	**	≤5	**	**	**
Colon and Rectum	31	15.6	10.5	22.8	≤5	**	**	**
Liver and Intrahepatic Bile Duct	7	**	**	**	≤5	**	**	**
Pancreas	23	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	110	60.1	49.3	73.0	8	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	25	**	**	**	≤5	**	**	**
Cervix	≤5				0			
Uterus	≤5				≤5			
Ovary	9				0			
Prostate	21				≤5			
Testis	0				0			
Urinary Bladder	11	**	**	**	0	**	**	**
Kidney and Renal Pelvis	7	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	12	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	11	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	10	**	**	**	≤5	**	**	**
Multiple Myeloma	8	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	28	13.3	8.8	19.9	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Howard County**

**Table 8f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Howard County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	257	162.8	142.9	184.9	42	168.5	119.9	231.6
Major Sites	255				42			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	21	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	12	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	71	46.7	36.2	59.5	9	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	22	**	**	**	7	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	14				≤5			
Prostate	16				6			
Testis	≤5				0			
Urinary Bladder	7	**	**	**	0	**	**	**
Kidney and Renal Pelvis	9	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	12	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	8	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	12	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore Metro Region**

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Baltimore Metro Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,046	214.1	204.8	223.8	752	305.6	283.9	328.6
Major Sites:	2,017				740			
Oral Cavity and Pharynx	31	3.2	2.2	4.6	25	**	**	**
Esophagus	55	5.9	4.5	7.8	36	14.4	10.0	20.1
Stomach	43	4.3	3.1	6.0	30	12.0	8.1	17.3
Colon and Rectum	203	21.3	18.5	24.6	71	28.5	22.2	36.2
Liver and Intrahepatic Bile Duct	45	4.8	3.5	6.5	29	11.0	7.3	16.1
Pancreas	101	10.5	8.5	12.8	43	17.1	12.3	23.2
Larynx	25	**	**	**	17	**	**	**
Lung and Bronchus	709	75.0	69.6	80.9	249	100.8	88.5	114.4
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	19	**	**	**	≤5	**	**	**
Melanomas of the Skin	34	3.7	2.5	5.2	0	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	208	21.3	18.4	24.5	103	46.0	37.5	55.9
Testis	≤5	**	**	**	0	**	**	**
Urinary Bladder	60	6.1	4.6	8.0	14	**	**	**
Kidney and Renal Pelvis	43	4.5	3.2	6.2	14	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	46	5.0	3.6	6.8	7	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	86	8.9	7.1	11.1	23	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	95	9.8	7.9	12.1	15	**	**	**
Multiple Myeloma	36	3.7	2.6	5.3	21	**	**	**
Unknown Primary/Other/III Defined Sites	162	16.7	14.2	19.6	36	14.4	10.0	20.2

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Baltimore Metro Region**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Baltimore Metro Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,011	153.4	146.3	160.8	676	184.3	170.5	199.1
Major Sites:	1,962				653			
Oral Cavity and Pharynx	23	**	**	**	≤5	**	**	**
Esophagus	19	**	**	**	22	**	**	**
Stomach	33	2.3	1.5	3.5	25	**	**	**
Colon and Rectum	233	15.8	13.7	18.3	75	20.4	16.0	25.8
Liver and Intrahepatic Bile Duct	24	**	**	**	12	**	**	**
Pancreas	117	8.2	6.7	10.2	37	10.0	7.0	13.9
Larynx	7	**	**	**	≤5	**	**	**
Lung and Bronchus	569	46.4	42.4	50.7	167	46.8	39.9	54.7
Bones and Joints	6	**	**	**	0	**	**	**
Soft Tissue	17	**	**	**	8	**	**	**
Melanomas of the Skin	22	**	**	**	≤5	**	**	**
Breast	300	23.9	21.1	27.1	120	32.1	26.6	38.6
Cervix	16	**	**	**	17	**	**	**
Uterus	41	3.1	2.1	4.4	16	**	**	**
Ovary	106	8.5	6.9	10.5	29	7.8	5.2	11.4
Prostate								
Testis								
Urinary Bladder	41	2.8	1.9	4.0	10	**	**	**
Kidney and Renal Pelvis	28	1.9	1.2	3.0	11	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	40	3.6	2.5	5.2	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	73	5.6	4.3	7.3	13	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	75	5.5	4.3	7.2	16	**	**	**
Multiple Myeloma	35	2.5	1.7	3.7	21	**	**	**
Unknown Primary/Other/III Defined Sites	132	9.1	7.5	11.1	37	9.8	6.9	13.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



## C. Eastern Shore Region Data Tables

Tables 1 – 1i:	Age-Adjusted Cancer Incidence Rates by Site, Region and Jurisdiction
Tables 2 – 2i:	Age-Adjusted Cancer Incidence Rates by Site, Gender, Region and Jurisdiction
Tables 3 – 3i:	Age-Adjusted Cancer Incidence Rates by Site, Race, Region and Jurisdiction
Table 4:	Age-Adjusted Cancer Incidence Rates (Males) by Site, Race and Region
Table 5:	Age-Adjusted Cancer Incidence Rates (Females) by Site, Race and Region
Tables 6 – 6i:	Age-Adjusted Cancer Mortality Rates by Site, Region and Jurisdiction
Tables 7 – 7i:	Age-Adjusted Cancer Mortality Rates by Site, Gender, Region and Jurisdiction
Tables 8 – 8i:	Age-Adjusted Cancer Mortality Rates by Site, Race, Region and Jurisdiction
Table 9:	Age-Adjusted Cancer Mortality Rates (Males) by Site, Race and Region
Table 10:	Age-Adjusted Cancer Mortality Rates (Females) by Site, Race and Region

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The Eastern Shore Region is comprised of the counties listed below. Data for each county are Found in the tables with the following corresponding letters:

<u>Jurisdiction</u>	<u>Table Suffix</u>
Caroline County	a
Cecil County	b
Dorchester County	c
Kent County	d
Queen Anne's County	e
Somerset County	f
Talbot County	g
Wicomico County	h
Worcester County	i



# **Eastern Shore Region**

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Eastern Shore Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	2,076	419.1	400.7	438.2
Major Sites:	2,014			
Oral Cavity and Pharynx	51	11.0	8.2	14.8
Esophagus	15	**	**	**
Stomach	27	5.4	3.5	8.3
Colon and Rectum	256	49.3	43.3	56.1
Liver and Intrahepatic Bile Duct	16	**	**	**
Pancreas	46	8.5	6.2	11.7
Larynx	27	5.7	3.7	8.6
Lung and Bronchus	356	71.4	64.0	79.6
Bones and Joints	8	**	**	**
Soft Tissue	17	**	**	**
Melanomas of the Skin	97	20.4	16.4	25.2
Breast	287	59.0	52.3	66.6
Cervix	22			
Uterus	54			
Ovary	36			
Prostate	297			
Testis	10			
Urinary Bladder	88	15.6	12.4	19.6
Kidney and Renal Pelvis	41	8.3	5.9	11.6
Eye	≤5	**	**	**
Brain and Other Nervous System	27	5.7	3.7	8.7
Thyroid	27	6.1	4.0	9.3
Leukemias	39	8.5	5.9	12.0
Hodgkin's Disease	9	**	**	**
Non-Hodgkin's Lymphomas	70	14.1	10.9	18.1
Multiple Myeloma	23	**	**	**
Unknown Primary/Other/III Defined Sites	65	12.3	9.4	16.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Caroline County**

**Table 1a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Caroline County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	132	362.7	302.2	435.3
Major Sites:	130			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	0	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	20	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	16	**	**	**
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	17	**	**	**
Cervix	≤5			
Uterus	7			
Ovary	≤5			
Prostate	18			
Testis	≤5			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	0	**	**	**
Thyroid	≤5	**	**	**
Leukemias	6	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Cecil County**

**Table 1b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Cecil County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	343	392.8	351.7	438.1
Major Sites:	333			
Oral Cavity and Pharynx	12	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	34	38.0	26.2	54.3
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	59	69.5	52.7	90.8
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	14	**	**	**
Breast	47	51.7	37.8	70.1
Cervix	≤5			
Uterus	6			
Ovary	12			
Prostate	60			
Testis	≤5			
Urinary Bladder	14	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	6	**	**	**
Thyroid	≤5	**	**	**
Leukemias	8	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	8	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Dorchester County**

**Table 1c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Dorchester County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	206	479.1	413.7	556.3
Major Sites:	190			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	0	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	30	63.7	42.1	98.6
Liver and Intrahepatic Bile Duct	0	**	**	**
Pancreas	≤5	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	42	99.0	70.5	140.4
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	25	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	26			
Testis	≤5			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	6	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	15	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Kent County**

**Table 1d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Kent County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	126	428.4	353.6	521.1
Major Sites:	123			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	19	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	24	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	8	**	**	**
Breast	19	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	≤5			
Prostate	14			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Queen Anne's County**

**Table 1e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Queen Anne's County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	197	390.8	337.1	454.2
Major Sites:	191			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	26	50.2	32.6	79.0
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	25	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	32	63.0	42.9	94.0
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	33			
Testis	0			
Urinary Bladder	9	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	0	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Somerset County**

**Table 1f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Somerset County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	132	431.1	358.3	519.2
Major Sites:	130			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	0	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	25	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	8	**	**	**
Breast	22	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	≤5			
Prostate	14			
Testis	≤5			
Urinary Bladder	6	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	0	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Talbot County**

**Table 1g**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Talbot County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	218	394.3	340.5	459.3
Major Sites:	215			
Oral Cavity and Pharynx	7	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	27	50.3	32.4	81.6
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	8	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	29	48.0	31.3	77.9
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	10	**	**	**
Breast	36	73.5	50.7	109.4
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	36			
Testis	0			
Urinary Bladder	13	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	0	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Wicomico County**

**Table 1h**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Wicomico County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	394	415.0	374.0	459.8
Major Sites:	384			
Oral Cavity and Pharynx	7	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	41	39.0	27.7	54.4
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	7	**	**	**
Larynx	9	**	**	**
Lung and Bronchus	63	65.6	50.1	85.2
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	18	**	**	**
Breast	56	59.4	44.6	78.4
Cervix	7			
Uterus	14			
Ovary	≤5			
Prostate	54			
Testis	≤5			
Urinary Bladder	18	**	**	**
Kidney and Renal Pelvis	8	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	10	**	**	**
Thyroid	10	**	**	**
Leukemias	7	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	20	**	**	**
Multiple Myeloma	8	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Worcester County**

**Table 1i**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Worcester County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	328	490.8	436.9	552.7
Major Sites:	318			
Oral Cavity and Pharynx	9	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	43	58.0	41.6	83.3
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	9	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	73	104.8	81.4	136.8
Bones and Joints	≤5	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	16	**	**	**
Breast	33	57.9	39.5	85.7
Cervix	≤5			
Uterus	10			
Ovary	≤5			
Prostate	42			
Testis	≤5			
Urinary Bladder	18	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	8	**	**	**
Thyroid	≤5	**	**	**
Leukemias	7	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# **Eastern Shore Region**

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Eastern Shore Region, 1998**

	Male				Female			
	Count	Rate <sup>1</sup>	Lower CI	Upper CI	Count	Rate <sup>1</sup>	Lower CI	Upper CI
All Sites	1,080	481.9	453.3	512.3	996	371.5	347.8	396.9
Major Sites:	1,055				959			
Oral Cavity and Pharynx	35	16.3	11.3	23.1	16	**	**	**
Esophagus	13	**	**	**	≤5	**	**	**
Stomach	20	**	**	**	7	**	**	**
Colon and Rectum	128	57.0	47.5	68.3	128	42.8	35.4	51.9
Liver and Intrahepatic Bile Duct	10	**	**	**	6	**	**	**
Pancreas	27	11.7	7.7	17.6	19	**	**	**
Larynx	19	**	**	**	8	**	**	**
Lung and Bronchus	189	85.1	73.3	98.6	167	59.6	50.5	70.3
Bones and Joints	≤5	**	**	**	6	**	**	**
Soft Tissue	11	**	**	**	6	**	**	**
Melanomas of the Skin	62	27.3	20.8	35.6	35	14.9	10.3	21.5
Breast	≤5	**	**	**	283	109.9	97.1	124.4
Cervix					22	**	**	**
Uterus					54	21.6	16.1	28.9
Ovary					36	14.8	10.3	21.3
Prostate	297	132.3	117.5	148.7				
Testis	10	**	**	**				
Urinary Bladder	69	28.7	22.3	36.8	19	**	**	**
Kidney and Renal Pelvis	25	**	**	**	16	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	15	**	**	**	12	**	**	**
Thyroid	10	**	**	**	17	**	**	**
Leukemias	20	**	**	**	19	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	37	16.7	11.7	23.6	33	11.6	7.9	17.2
Multiple Myeloma	12	**	**	**	11	**	**	**
Unknown Primary/Other/III Defined Sites	34	14.1	9.8	20.3	31	11.4	7.6	17.1

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Caroline County**

**Table 2a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Caroline County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	70	425.6	330.6	546.4	62	313.6	238.1	413.4
Major Sites:	69				61			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	10	**	**	**	10	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	9	**	**	**	7	**	**	**
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	6	**	**	**	≤5	**	**	**
Breast	0	**	**	**	17	**	**	**
Cervix					≤5	**	**	**
Uterus					7	**	**	**
Ovary					≤5	**	**	**
Prostate	18	**	**	**				
Testis	≤5	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Cecil County**

**Table 2b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Cecil County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	175	434.0	371.4	505.4	168	360.1	306.4	422.3
Major Sites:	172				161			
Oral Cavity and Pharynx	9	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	10	**	**	**	24	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	33	84.9	58.4	120.9	26	57.6	37.2	87.4
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	9	**	**	**	≤5	**	**	**
Breast	0	**	**	**	47	99.9	72.9	135.8
Cervix					≤5	**	**	**
Uterus					6	**	**	**
Ovary					12	**	**	**
Prostate	60	153.8	117.2	199.6				
Testis	≤5	**	**	**				
Urinary Bladder	13	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Dorchester County**

**Table 2c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Dorchester County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	103	546.5	444.2	675.0	103	422.9	341.1	527.6
Major Sites:	94				96			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	16	**	**	**	14	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	0	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	22	**	**	**	20	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	25	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	26	134.9	87.6	211.3				
Testis	≤5	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	10	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Kent County**

**Table 2d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Kent County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	64	490.0	374.3	643.3	62	380.2	285.8	512.3
Major Sites:	64				59			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	7	**	**	**	12	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	0	**	**	**	≤5	**	**	**
Lung and Bronchus	14	**	**	**	10	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	7	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	18	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	14	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Queen Anne's County**

**Table 2e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Queen Anne's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	104	437.4	355.8	539.3	93	354.5	284.5	444.5
Major Sites:	102				89			
Oral Cavity and Pharynx	0	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	16	**	**	**	10	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	10	**	**	**	15	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	7	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	31	118.4	79.7	179.1
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	33	133.8	91.4	197.9				
Testis	0	**	**	**				
Urinary Bladder	8	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Somerset County**

**Table 2f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Somerset County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	73	505.7	394.7	648.4	59	377.6	282.0	506.7
Major Sites:	72				58			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	13	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	15	**	**	**	10	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	22	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	14	**	**	**				
Testis	≤5	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	0	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Talbot County**

**Table 2g**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Talbot County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	115	450.4	369.2	555.1	103	357.3	285.8	452.0
Major Sites:	115				100			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	0	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	18	**	**	**	9	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	13	**	**	**	16	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	36	138.1	94.8	207.0
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	36	143.7	99.3	214.3				
Testis	0	**	**	**				
Urinary Bladder	9	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	6	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Wicomico County**

**Table 2h**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Wicomico County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	187	472.7	406.8	547.0	207	379.4	327.4	439.2
Major Sites:	182				202			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	15	**	**	**	26	39.1	24.7	61.7
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	31	78.8	53.4	113.1	32	55.1	37.0	81.4
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	8	**	**	**	10	**	**	**
Breast	≤5	**	**	**	55	105.7	78.9	140.8
Cervix					7	**	**	**
Uterus					14	**	**	**
Ovary					≤5	**	**	**
Prostate	54	139.4	104.6	183.0				
Testis	≤5	**	**	**				
Urinary Bladder	16	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**	6	**	**	**
Thyroid	≤5	**	**	**	7	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	12	**	**	**	8	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Worcester County**

**Table 2i**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Worcester County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	189	623.5	535.1	728.9	139	388.4	323.2	469.6
Major Sites:	185				133			
Oral Cavity and Pharynx	8	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	23	**	**	**	20	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	6	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	42	133.7	95.5	190.6	31	79.5	52.7	124.5
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	12	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	32	106.6	72.3	159.5
Cervix					≤5	**	**	**
Uterus					10	**	**	**
Ovary					≤5	**	**	**
Prostate	42	134.8	96.5	191.7				
Testis	≤5	**	**	**				
Urinary Bladder	12	**	**	**	6	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	0	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Eastern Shore Region**

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Eastern Shore Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,729	442.2	421.0	464.5	291	287.6	254.9	323.8
Major Sites:	1,679				283			
Oral Cavity and Pharynx	45	12.3	8.9	16.9	≤5	**	**	**
Esophagus	15	**	**	**	0	**	**	**
Stomach	17	**	**	**	10	**	**	**
Colon and Rectum	217	52.4	45.5	60.4	34	32.5	22.4	46.4
Liver and Intrahepatic Bile Duct	12	**	**	**	≤5	**	**	**
Pancreas	39	8.9	6.2	12.7	7	**	**	**
Larynx	24	**	**	**	≤5	**	**	**
Lung and Bronchus	296	75.1	66.6	84.7	56	55.6	41.7	73.1
Bones and Joints	8	**	**	**	0	**	**	**
Soft Tissue	16	**	**	**	≤5	**	**	**
Melanomas of the Skin	95	25.4	20.4	31.6	0	**	**	**
Breast	235	60.8	53.1	69.6	43	44.6	32.1	60.9
Cervix	18				≤5			
Uterus	46				7			
Ovary	31				≤5			
Prostate	222				57			
Testis	9				≤5			
Urinary Bladder	79	17.5	13.8	22.4	7	**	**	**
Kidney and Renal Pelvis	34	8.8	6.0	12.8	6	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	24	**	**	**	≤5	**	**	**
Thyroid	26	7.8	5.0	11.9	≤5	**	**	**
Leukemias	34	9.5	6.4	13.9	≤5	**	**	**
Hodgkin's Disease	8	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	64	16.2	12.4	21.2	6	**	**	**
Multiple Myeloma	14	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	49	11.6	8.5	15.9	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Caroline County**

**Table 3a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Caroline County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	113	397.3	325.6	484.9	16	**	**	**
Major Sites:	112				15			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	19	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	13	**	**	**	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	9	**	**	**	0	**	**	**
Breast	14	**	**	**	≤5	**	**	**
Cervix	≤5				0			
Uterus	≤5				≤5			
Ovary	≤5				≤5			
Prostate	18				0			
Testis	≤5				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Cecil County**

**Table 3b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Cecil County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	322	391.5	349.3	438.4	6	**	**	**
Major Sites:	313				6			
Oral Cavity and Pharynx	11	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	32	37.8	25.7	54.8	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	6	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	59	74.1	56.2	96.9	0	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	14	**	**	**	0	**	**	**
Breast	45	52.8	38.3	72.1	0	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	12				0			
Prostate	49				≤5			
Testis	≤5				≤5			
Urinary Bladder	14	**	**	**	0	**	**	**
Kidney and Renal Pelvis	7	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	6	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	8	**	**	**	0	**	**	**
Multiple Myeloma	0	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Dorchester County**

**Table 3c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Dorchester County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	155	511.3	430.0	612.1	48	395.0	289.3	536.0
Major Sites:	142				46			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	26	78.7	50.1	130.1	≤5	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	28	93.4	61.1	148.3	14	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	20	**	**	**	≤5	**	**	**
Cervix	≤5				≤5			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	16				10			
Testis	≤5				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	≤5	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Kent County**

**Table 3d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Kent County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	105	474.5	383.3	590.9	19	**	**	**
Major Site:	103				18			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	15	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	21	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	8	**	**	**	0	**	**	**
Breast	17	**	**	**	≤5	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	≤5				0			
Prostate	9				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Queen Anne's County**

**Table 3e**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Queen Anne's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	167	404.5	344.3	476.7	26	303.5	195.1	478.7
Major Sites:	161				26			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	22	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	22	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	9	**	**	**	0	**	**	**
Breast	25	**	**	**	6	**	**	**
Cervix	≤5				0			
Uterus	≤5				≤5			
Ovary	≤5				0			
Prostate	24				7			
Testis	0				0			
Urinary Bladder	7	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Somerset County**

**Table 3f**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Somerset County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	103	527.9	427.3	657.4	24	**	**	**
Major Sites:	101				24			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	13	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	19	**	**	**	6	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	7	**	**	**	0	**	**	**
Breast	18	**	**	**	≤5	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	0				≤5			
Prostate	8				6			
Testis	≤5				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	0	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Talbot County**

**Table 3g**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Talbot County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	182	419.9	356.7	498.8	33	277.0	186.9	413.8
Major Sites:	179				33			
Oral Cavity and Pharynx	7	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	19	**	**	**	7	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	7	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	24	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	10	**	**	**	0	**	**	**
Breast	31	80.3	53.5	125.8	≤5	**	**	**
Cervix	0				≤5			
Uterus	≤5				≤5			
Ovary	≤5				0			
Prostate	28				8			
Testis	0				0			
Urinary Bladder	12	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Wicomico County**

**Table 3h**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Wicomico County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	311	435.3	386.7	489.7	78	339.0	267.1	426.6
Major Sites:	304				76			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	34	41.8	28.5	61.2	6	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	8	**	**	**	≤5	**	**	**
Lung and Bronchus	51	69.3	51.1	93.6	12	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	17	**	**	**	0	**	**	**
Breast	41	56.7	40.3	79.3	14	**	**	**
Cervix	≤5				≤5			
Uterus	11				≤5			
Ovary	≤5				≤5			
Prostate	38				15			
Testis	≤5				0			
Urinary Bladder	16	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	≤5	**	**	**
Thyroid	10	**	**	**	0	**	**	**
Leukemias	6	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	20	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Worcester County**

**Table 3i**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Worcester County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	271	533.6	468.5	610.1	41	276.1	196.6	388.0
Major Sites:	264				39			
Oral Cavity and Pharynx	7	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	37	65.5	45.6	98.7	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	9	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	59	110.1	82.8	150.0	11	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	16	**	**	**	0	**	**	**
Breast	24	**	**	**	8	**	**	**
Cervix	≤5				0			
Uterus	9				≤5			
Ovary	≤5				0			
Prostate	32				6			
Testis	≤5				0			
Urinary Bladder	17	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	7	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	7	**	**	**	0	**	**	**
Hodgkins Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkins Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Eastern Shore Region**

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Eastern Shore Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	886	496.4	463.8	531.2	159	358.6	304.4	420.4
Major Sites:	865				157			
Oral Cavity and Pharynx	30	17.4	11.7	25.7	≤5	**	**	**
Esophagus	13	**	**	**	0	**	**	**
Stomach	12	**	**	**	8	**	**	**
Colon and Rectum	107	59.5	48.7	72.7	16	**	**	**
Liver and Intrahepatic Bile Duct	8	**	**	**	≤5	**	**	**
Pancreas	24	**	**	**	≤5	**	**	**
Larynx	16	**	**	**	≤5	**	**	**
Lung and Bronchus	152	85.8	72.6	101.3	36	83.1	58.0	116.4
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	11	**	**	**	0	**	**	**
Melanomas of the Skin	62	34.3	26.2	44.9	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	222	124.0	108.1	142.2	57	128.3	96.9	167.5
Testis	9	**	**	**	≤5	**	**	**
Urinary Bladder	65	33.5	25.8	43.5	≤5	**	**	**
Kidney and Renal Pelvis	20	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	13	**	**	**	≤5	**	**	**
Thyroid	9	**	**	**	≤5	**	**	**
Leukemias	17	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	32	18.3	12.4	26.6	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	28	14.9	9.8	22.4	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Eastern Shore Region**

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Eastern Shore Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	843	402.6	374.5	432.9	132	233.2	194.1	279.2
Major Sites:	814				126			
Oral Cavity and Pharynx	15	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	110	46.0	37.4	56.9	18	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	15	**	**	**	≤5	**	**	**
Larynx	8	**	**	**	0	**	**	**
Lung and Bronchus	144	65.5	54.7	78.5	20	**	**	**
Bones and Joints	6	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	33	18.2	12.4	26.7	0	**	**	**
Breast	231	114.4	99.7	131.4	43	79.9	57.4	109.8
Cervix	18	**	**	**	≤5	**	**	**
Uterus	46	23.3	16.9	32.2	7	**	**	**
Ovary	31	16.5	11.1	24.4	≤5	**	**	**
Prostate								
Testis								
Urinary Bladder	14	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	14	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	11	**	**	**	≤5	**	**	**
Thyroid	17	**	**	**	0	**	**	**
Leukemias	17	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	32	14.2	9.6	21.4	≤5	**	**	**
Multiple Myeloma	9	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	21	**	**	**	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Eastern Shore Region**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Eastern Shore Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	896	171.2	159.8	183.4
Major Sites:	872			
Oral Cavity and Pharynx	12	**	**	**
Esophagus	17	**	**	**
Stomach	17	**	**	**
Colon and Rectum	86	15.1	12.0	19.1
Liver and Intrahepatic Bile Duct	17	**	**	**
Pancreas	45	8.3	6.0	11.5
Larynx	≤5	**	**	**
Lung and Bronchus	274	54.2	47.8	61.4
Bones and Joints	≤5	**	**	**
Soft Tissue	9	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	79	15.6	12.3	19.8
Cervix	9			
Uterus	7			
Ovary	22			
Prostate	59			
Testis	0			
Urinary Bladder	22	**	**	**
Kidney and Renal Pelvis	15	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	23	**	**	**
Thyroid	≤5	**	**	**
Leukemias	25	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	34	6.6	4.5	9.6
Multiple Myeloma	17	**	**	**
Unknown Primary/Other/III Defined Sites	59	11.3	8.6	15.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Caroline County**

**Table 6a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Caroline County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	57	146.6	109.7	195.9
Major Sites:	56			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	0	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	10	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	20	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	0	**	**	**
Breast	≤5	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	≤5			
Testis	0			
Urinary Bladder	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	0	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Cecil County**

**Table 6b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Cecil County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	167	187.6	159.9	219.7
Major Sites:	163			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	50	58.5	43.2	78.2
Bones and Joints	≤5	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	20	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	16			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	8	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Dorchester County**

**Table 6c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Dorchester County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	94	197.0	157.4	248.7
Major Sites:	88			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	7	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	26	57.5	36.8	91.7
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	9	**	**	**
Cervix	≤5			
Uterus	0			
Ovary	≤5			
Prostate	10			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Kent County**

**Table 6d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Kent County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	51	170.2	124.9	234.5
Major Sites:	51			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	0	**	**	**
Stomach	0	**	**	**
Colon and Rectum	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	17	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	0	**	**	**
Breast	≤5	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	≤5			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Queen Anne's County**

**Table 6e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Queen Anne's County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	80	155.0	122.3	197.8
Major Sites:	79			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	8	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	7	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	23	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	7	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	0			
Prostate	≤5			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Somerset County**

**Table 6f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Somerset County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	56	167.6	125.2	225.9
Major Sites:	52			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	22	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	0	**	**	**
Breast	≤5	**	**	**
Cervix	≤5			
Uterus	0			
Ovary	≤5			
Prostate	≤5			
Testis	0			
Urinary Bladder	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Talbot County**

**Table 6g**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Talbot County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	90	138.8	110.1	179.2
Major Sites:	88			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	14	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	21	**	**	**
Bones and Joints	≤5	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	7	**	**	**
Cervix	0			
Uterus	0			
Ovary	≤5			
Prostate	≤5			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Wicomico County**

**Table 6h**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Wicomico County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	151	153.7	129.5	181.9
Major Sites:	147			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	9	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	47	48.5	35.3	65.8
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	16	**	**	**
Cervix	≤5			
Uterus	0			
Ovary	≤5			
Prostate	9			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	11	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Worcester**

**Table 6i**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes,**  
**Worcester County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	150	216.5	181.4	259.8
Major Sites:	148			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	12	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	48	69.9	51.0	97.7
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	11	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	6			
Prostate	8			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	7	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

# **Eastern Shore Region**

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Eastern Shore Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	458	198.9	180.9	218.5	438	153.3	138.6	169.7
Major Sites:	447				425			
Oral Cavity and Pharynx	7	**	**	**	≤5	**	**	**
Esophagus	9	**	**	**	8	**	**	**
Stomach	11	**	**	**	6	**	**	**
Colon and Rectum	39	16.5	11.7	23.1	47	14.3	10.3	20.1
Liver and Intrahepatic Bile Duct	11	**	**	**	6	**	**	**
Pancreas	26	11.5	7.5	17.3	19	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	161	71.0	60.4	83.3	113	40.8	33.4	50.0
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	7	**	**	**
Melanomas of the Skin	10	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	78	28.4	22.2	36.3
Cervix					9	**	**	**
Uterus					7	**	**	**
Ovary					22	**	**	**
Prostate	59	23.9	18.2	31.4				
Testis	0	**	**	**				
Urinary Bladder	16	**	**	**	6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	7	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	14	**	**	**	9	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	13	**	**	**	12	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	19	**	**	**	15	**	**	**
Multiple Myeloma	7	**	**	**	10	**	**	**
Unknown Primary/Other/III Defined Sites	30	13.2	8.9	19.4	29	10.3	6.8	15.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Caroline County**

**Table 7a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Caroline County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	37	213.8	149.5	304.6	20	**	**	**
Major Sites:	37				19			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	15	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	0	**	**	**	≤5	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	0	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Cecil County**

**Table 7b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Cecil County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	83	206.4	164.0	257.7	84	179.6	142.3	225.6
Major Sites:	81				82			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	33	84.7	58.2	120.6	17	**	**	**
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	≤5	**	**	**
Breast	0	**	**	**	20	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	16	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	6	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Dorchester County**

**Table 7c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Dorchester County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	50	248.1	182.7	340.7	44	158.6	112.4	229.0
Major Sites:	47				41			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	0	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	17	**	**	**	9	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	0	**	**	**	9	**	**	**
Cervix					≤5	**	**	**
Uterus					0	**	**	**
Ovary					≤5	**	**	**
Prostate	10	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	0	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Kent County**

**Table 7d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Kent County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	25	**	**	**	26	175.3	111.7	280.1
Major Sites:	25				26			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	0	**	**	**	0	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	8	**	**	**	9	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	0	**	**	**	≤5	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	0	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Queen Anne's County**

**Table 7e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Queen Anne's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	41	178.7	127.9	251.2	39	143.0	99.9	207.8
Major Sites:	41				38			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	≤5	**	**	**
Lung and Bronchus	13	**	**	**	10	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	0	**	**	**	7	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					0	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	0	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	0	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Somerset County**

**Table 7f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Somerset County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	28	185.3	122.1	282.1	28	157.8	102.1	248.2
Major Sites:	25				27			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	0	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	0	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	14	**	**	**	8	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	0	**	**	**	≤5	**	**	**
Cervix					≤5	**	**	**
Uterus					0	**	**	**
Ovary					≤5	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	0	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Talbot County**

**Table 7g**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Talbot County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	50	172.3	126.8	242.7	40	120.8	83.7	183.1
Major Sites:	50				38			
Oral Cavity and Pharynx	0	**	**	**	≤5	**	**	**
Esophagus	0	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	11	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	12	**	**	**	9	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	0	**	**	**	7	**	**	**
Cervix					0	**	**	**
Uterus					0	**	**	**
Ovary					≤5	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Wicomico County**

**Table 7h**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Wicomico County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	69	172.3	133.7	219.4	82	138.7	108.7	176.6
Major Sites:	66				81			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	20	**	**	**	27	47.5	30.6	72.8
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	0	**	**	**	≤5	**	**	**
Breast	0	**	**	**	16	**	**	**
Cervix					≤5	**	**	**
Uterus					0	**	**	**
Ovary					≤5	**	**	**
Prostate	9	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Worcester County**

**Table 7i**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Worcester County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	75	243.3	190.2	314.1	75	197.9	151.5	261.5
Major Sites:	75				73			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	6	**	**	**	6	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	29	93.7	62.0	144.7	19	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	≤5	**	**	**	10	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					6	**	**	**
Prostate	8	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Eastern Shore Region**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Eastern Shore Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	736	176.9	163.9	191.0	156	149.3	126.3	175.8
Major Sites:	718				152			
Oral Cavity and Pharynx	11	**	**	**	≤5	**	**	**
Esophagus	15	**	**	**	≤5	**	**	**
Stomach	9	**	**	**	8	**	**	**
Colon and Rectum	69	15.1	11.6	19.7	16	**	**	**
Liver and Intrahepatic Bile Duct	12	**	**	**	≤5	**	**	**
Pancreas	38	8.8	6.1	12.6	7	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	227	56.7	49.4	65.1	46	45.1	32.8	61.2
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	7	**	**	**	≤5	**	**	**
Melanomas of the Skin	13	**	**	**	0	**	**	**
Breast	71	17.7	13.7	22.8	8	**	**	**
Cervix	≤5				6			
Uterus	6				≤5			
Ovary	16				6			
Prostate	44				15			
Testis	0				0			
Urinary Bladder	22	**	**	**	0	**	**	**
Kidney and Renal Pelvis	13	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	21	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	22	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	29	6.8	4.5	10.4	≤5	**	**	**
Multiple Myeloma	14	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	46	11.2	8.1	15.5	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Caroline County**

**Table 8a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Caroline County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	49	159.0	115.9	218.4	8	**	**	**
Major Sites:	48				8			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	8	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	17	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	≤5				0			
Testis	0				0			
Urinary Bladder	0	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Cecil County**

**Table 8b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Cecil County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	157	187.8	159.2	221.1	9	**	**	**
Major Sites:	153				9			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	14	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	48	59.7	43.8	80.5	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	19	**	**	**	≤5	**	**	**
Cervix	0				≤5			
Uterus	≤5				0			
Ovary	≤5				0			
Prostate	14				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Dorchester County**

**Table 8c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Dorchester County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	68	197.0	150.6	263.8	25	**	**	**
Major Sites:	64				24			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	17	**	**	**	9	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	8	**	**	**	≤5	**	**	**
Cervix	≤5				≤5			
Uterus	0				0			
Ovary	≤5				0			
Prostate	≤5				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Kent County**

**Table 8d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Kent County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	43	188.9	134.0	270.6	8	**	**	**
Major Site:	43				8			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	0	**	**	**	0	**	**	**
Colon and Rectum	≤5	**	**	**	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	16	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix	≤5				0			
Uterus	≤5				≤5			
Ovary	≤5				0			
Prostate	≤5				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	0	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Queen Anne's County**

**Table 8e**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Queen Anne's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	69	166.8	129.2	216.8	10	**	**	**
Major Sites:	68				10			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	6	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	6	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	18	**	**	**	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	7	**	**	**	0	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	0				0			
Prostate	≤5				0			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	0	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Somerset County**

**Table 8f**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Somerset County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	33	153.3	103.5	234.8	23	**	**	**
Major Sites:	29				23			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	15	**	**	**	7	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	0	**	**	**	0	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix	0				≤5			
Uterus	0				0			
Ovary	0				≤5			
Prostate	0				≤5			
Testis	0				0			
Urinary Bladder	0	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Talbot County**

**Table 8g**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Talbot County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	77	147.4	114.3	197.2	12	**	**	**
Major Sites:	76				12			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	13	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	16	**	**	**	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	6	**	**	**	≤5	**	**	**
Cervix	0				0			
Uterus	0				0			
Ovary	≤5				≤5			
Prostate	≤5				0			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Wicomico County**

**Table 8h**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Wicomico County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	115	153.5	125.7	187.1	36	154.4	107.6	217.2
Major Sites:	113				34			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	40	54.1	38.2	76.3	7	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	14	**	**	**	≤5	**	**	**
Cervix	0				≤5			
Uterus	0				0			
Ovary	≤5				≤5			
Prostate	8				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	9	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Worcester County**

**Table 8i**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Worcester County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	125	229.7	189.0	282.2	25	**	**	**
Major Sites:	124				24			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	13	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	11	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	40	74.7	52.7	109.8	8	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	11	**	**	**	0	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	≤5				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	6	**	**	**	≤5	**	**	**
Hodgkins Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkins Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



# **Eastern Shore Region**

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Eastern Shore Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	380	206.1	185.7	228.7	77	172.4	135.7	216.9
Major Sites:	371				76			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	8	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	6	**	**	**
Colon and Rectum	34	17.7	12.3	25.6	≤5	**	**	**
Liver and Intrahepatic Bile Duct	7	**	**	**	≤5	**	**	**
Pancreas	25	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	132	73.0	60.9	87.3	29	66.0	44.0	96.1
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	10	**	**	**	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	44	22.4	16.2	30.9	15	**	**	**
Testis	0	**	**	**	0	**	**	**
Urinary Bladder	16	**	**	**	0	**	**	**
Kidney and Renal Pelvis	7	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	13	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	11	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	16	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Eastern Shore Region**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Eastern Shore Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	356	157.6	140.7	176.8	79	134.9	105.9	170.8
Major Sites:	347				76			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	35	13.1	8.8	19.7	11	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	13	**	**	**	6	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	95	43.6	35.0	54.6	17	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	70	32.4	24.9	42.2	8	**	**	**
Cervix	≤5	**	**	**	6	**	**	**
Uterus	6	**	**	**	≤5	**	**	**
Ovary	16	**	**	**	6	**	**	**
Prostate								
Testis								
Urinary Bladder	6	**	**	**	0	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	11	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	≤5	**	**	**
Multiple Myeloma	9	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	21	**	**	**	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

## D. National Capital Region Data Tables

Tables 1 – 1b: Age-Adjusted Cancer Incidence Rates by Site, Region and Jurisdiction

Tables 2 – 2b: Age-Adjusted Cancer Incidence Rates by Site, Gender, Region and Jurisdiction

Tables 3 – 3b: Age-Adjusted Cancer Incidence Rates by Site, Race, Region and Jurisdiction

Table 4: Age-Adjusted Cancer Incidence Rates (Males) by Site, Race and Region

Table 5: Age-Adjusted Cancer Incidence Rates (Females) by Site, Race and Region

Tables 6 – 6b: Age-Adjusted Cancer Mortality Rates by Site, Region and Jurisdiction

Tables 7 – 7b: Age-Adjusted Cancer Mortality Rates by Site, Gender, Region and Jurisdiction

Tables 8 – 8b: Age-Adjusted Cancer Mortality Rates by Site, Race, Region and Jurisdiction

Table 9: Age-Adjusted Cancer Mortality Rates (Males) by Site, Race and Region

Table 10: Age-Adjusted Cancer Mortality Rates (Females) by Site, Race and Region

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The National Capital Region is comprised of the counties listed below. Data for each county are found in the tables with the following corresponding letters:

<u>Jurisdiction</u>	<u>Table Suffix</u>
Montgomery County	a
Prince Georges County	b



**National Capital Region**

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**National Capital Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	5,919	364.2	354.7	373.8
Major Sites:	5,756			
Oral Cavity and Pharynx	109	6.6	5.4	8.0
Esophagus	75	4.8	3.8	6.1
Stomach	99	5.8	4.7	7.1
Colon and Rectum	667	40.5	37.4	43.8
Liver and Intrahepatic Bile Duct	55	3.4	2.5	4.4
Pancreas	133	8.1	6.7	9.7
Larynx	52	3.5	2.6	4.6
Lung and Bronchus	671	42.6	39.4	46.1
Bones and Joints	12	**	**	**
Soft Tissue	49	2.9	2.2	4.0
Melanomas of the Skin	182	10.5	9.0	12.3
Breast	1,110	65.7	61.8	69.9
Cervix	64			
Uterus	135			
Ovary	106			
Prostate	1,013			
Testis	32			
Urinary Bladder	242	14.9	13.1	17.0
Kidney and Renal Pelvis	123	7.6	6.3	9.1
Eye	8	**	**	**
Brain and Other Nervous System	84	5.3	4.2	6.6
Thyroid	128	6.9	5.7	8.3
Leukemias	117	6.8	5.6	8.3
Hodgkin's Disease	43	2.4	1.7	3.3
Non-Hodgkin's Lymphomas	214	12.9	11.2	14.9
Multiple Myeloma	69	4.2	3.3	5.4
Unknown Primary/Other/III Defined Sites	164	10.0	8.5	11.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Montgomery County**

**Table 1a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Montgomery County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	3,296	347.9	335.7	360.4
Major Sites:	3,205			
Oral Cavity and Pharynx	58	6.3	4.8	8.3
Esophagus	37	4.0	2.8	5.6
Stomach	55	5.3	3.9	7.1
Colon and Rectum	335	33.9	30.3	38.0
Liver and Intrahepatic Bile Duct	36	3.8	2.6	5.4
Pancreas	67	6.8	5.2	8.8
Larynx	22	**	**	**
Lung and Bronchus	333	35.5	31.7	39.7
Bones and Joints	7	**	**	**
Soft Tissue	28	2.9	1.9	4.4
Melanomas of the Skin	142	14.6	12.2	17.5
Breast	622	64.9	59.7	70.4
Cervix	30			
Uterus	75			
Ovary	70			
Prostate	555			
Testis	22			
Urinary Bladder	158	15.8	13.4	18.7
Kidney and Renal Pelvis	66	6.8	5.2	8.9
Eye	≤5	**	**	**
Brain and Other Nervous System	56	6.7	5.0	8.9
Thyroid	85	8.5	6.7	10.7
Leukemias	73	7.2	5.6	9.3
Hodgkin's Disease	16	**	**	**
Non-Hodgkin's Lymphomas	128	13.3	11.0	16.0
Multiple Myeloma	37	3.9	2.7	5.6
Unknown Primary/Other/III Defined Sites	89	9.2	7.3	11.5

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Prince George's County**

**Table 1b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Prince Georges County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	2,623	388.4	373.3	404.0
Major Sites:	2,551			
Oral Cavity and Pharynx	51	7.1	5.2	9.4
Esophagus	38	6.0	4.2	8.3
Stomach	44	6.5	4.7	8.9
Colon and Rectum	332	50.4	45.0	56.2
Liver and Intrahepatic Bile Duct	19	**	**	**
Pancreas	66	9.9	7.6	12.7
Larynx	30	4.9	3.3	7.1
Lung and Bronchus	338	52.4	46.9	58.5
Bones and Joints	≤5	**	**	**
Soft Tissue	21	**	**	**
Melanomas of the Skin	40	5.5	3.9	7.7
Breast	488	66.9	60.9	73.4
Cervix	34			
Uterus	60			
Ovary	36			
Prostate	458			
Testis	10			
Urinary Bladder	84	13.5	10.8	16.9
Kidney and Renal Pelvis	57	8.7	6.5	11.4
Eye	≤5	**	**	**
Brain and Other Nervous System	28	3.7	2.4	5.5
Thyroid	43	5.0	3.6	7.0
Leukemias	44	6.4	4.6	8.7
Hodgkin's Disease	27	2.9	1.9	4.5
Non-Hodgkin's Lymphomas	86	12.6	10.0	15.7
Multiple Myeloma	32	4.8	3.3	6.9
Unknown Primary/Other/III Defined Sites	75	11.0	8.6	13.9

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**National Capital Region**

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, National Capital Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,889	418.2	402.9	434.1	3,026	327.2	315.3	339.7
Major Sites:	2,819				2,933			
Oral Cavity and Pharynx	64	8.5	6.5	11.0	45	4.9	3.6	6.8
Esophagus	50	7.3	5.4	9.7	25	**	**	**
Stomach	53	7.6	5.7	10.1	46	4.7	3.4	6.4
Colon and Rectum	323	46.9	41.9	52.4	344	35.7	31.9	40.0
Liver and Intrahepatic Bile Duct	29	3.9	2.6	5.7	25	**	**	**
Pancreas	66	9.8	7.6	12.5	67	6.7	5.2	8.7
Larynx	43	6.3	4.5	8.5	9	**	**	**
Lung and Bronchus	355	52.6	47.2	58.5	315	35.5	31.6	39.9
Bones and Joints	≤5	**	**	**	8	**	**	**
Soft Tissue	24	**	**	**	25	**	**	**
Melanomas of the Skin	119	15.4	12.6	18.6	62	6.6	5.0	8.6
Breast	9	**	**	**	1,101	120.1	112.9	127.8
Cervix					64	6.3	4.8	8.2
Uterus					135	15.6	13.0	18.7
Ovary					106	11.9	9.6	14.6
Prostate	1,012	152.5	143.2	162.3				
Testis	32	3.5	2.3	5.1				
Urinary Bladder	175	25.9	22.1	30.1	67	6.8	5.2	8.8
Kidney and Renal Pelvis	69	9.7	7.5	12.3	54	5.9	4.4	7.9
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	36	4.9	3.4	6.9	48	5.6	4.0	7.6
Thyroid	33	4.4	3.0	6.3	95	9.2	7.4	11.5
Leukemias	63	8.6	6.6	11.2	54	5.5	4.0	7.3
Hodgkin's Disease	18	**	**	**	25	**	**	**
Non-Hodgkin's Lymphomas	120	15.8	13.0	19.0	94	10.5	8.4	13.1
Multiple Myeloma	44	6.1	4.4	8.3	25	**	**	**
Unknown Primary/Other/III Defined Sites	74	10.7	8.3	13.5	90	9.7	7.7	12.1

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Montgomery County**

**Table 2a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Montgomery County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,602	393.7	374.3	414.0	1,690	317.1	301.5	333.6
Major Sites:	1,566				1,635			
Oral Cavity and Pharynx	28	6.7	4.4	10.0	30	5.9	4.0	8.8
Esophagus	23	**	**	**	14	**	**	**
Stomach	28	6.5	4.3	9.8	27	4.6	3.0	7.1
Colon and Rectum	164	40.0	34.1	46.9	171	29.5	25.0	34.8
Liver and Intrahepatic Bile Duct	21	**	**	**	14	**	**	**
Pancreas	34	8.5	5.9	12.1	33	5.3	3.5	8.0
Larynx	19	**	**	**	≤5	**	**	**
Lung and Bronchus	166	41.2	35.1	48.2	166	31.6	26.8	37.3
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	16	**	**	**	12	**	**	**
Melanomas of the Skin	93	21.2	16.9	26.4	48	9.3	6.7	12.8
Breast	6	**	**	**	616	118.5	109.0	128.8
Cervix					30	5.4	3.6	8.1
Uterus					75	14.8	11.5	19.0
Ovary					70	13.9	10.7	18.1
Prostate	554	141.5	129.8	154.0				
Testis	22	**	**	**				
Urinary Bladder	110	26.7	21.9	32.4	48	7.8	5.6	10.8
Kidney and Renal Pelvis	40	9.3	6.6	12.9	26	4.8	3.1	7.5
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	25	**	**	**	31	6.7	4.4	10.0
Thyroid	24	**	**	**	61	11.2	8.4	14.8
Leukemias	36	8.2	5.6	11.7	37	6.4	4.3	9.3
Hodgkin's Disease	8	**	**	**	8	**	**	**
Non-Hodgkin's Lymphomas	73	16.8	13.0	21.5	55	10.1	7.5	13.6
Multiple Myeloma	26	6.3	4.1	9.5	11	**	**	**
Unknown Primary/Other/III Defined Sites	47	11.6	8.5	15.7	42	7.6	5.4	10.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Prince George's County**

**Table 2b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Prince George's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,287	455.1	429.9	481.5	1,336	342.1	323.3	361.8
Major Sites:	1,253				1,298			
Oral Cavity and Pharynx	36	11.1	7.6	15.8	15	**	**	**
Esophagus	27	9.4	6.1	14.0	11	**	**	**
Stomach	25	**	**	**	19	**	**	**
Colon and Rectum	159	57.6	48.8	67.7	173	45.0	38.4	52.5
Liver and Intrahepatic Bile Duct	8	**	**	**	11	**	**	**
Pancreas	32	11.8	8.0	17.1	34	8.6	5.9	12.3
Larynx	24	**	**	**	6	**	**	**
Lung and Bronchus	189	68.5	58.8	79.4	149	40.8	34.3	48.2
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	8	**	**	**	13	**	**	**
Melanomas of the Skin	26	7.8	4.9	11.9	14	**	**	**
Breast	≤5	**	**	**	485	122.2	111.2	134.2
Cervix					34	7.3	5.0	10.6
Uterus					60	16.3	12.3	21.3
Ovary					36	9.1	6.2	12.9
Prostate	458	167.2	152.0	183.7				
Testis	10	**	**	**				
Urinary Bladder	65	24.5	18.8	31.5	19	**	**	**
Kidney and Renal Pelvis	29	10.4	6.9	15.3	28	7.3	4.8	10.9
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	11	**	**	**	17	**	**	**
Thyroid	9	**	**	**	34	7.1	4.8	10.3
Leukemias	27	9.5	6.2	14.2	17	**	**	**
Hodgkin's Disease	10	**	**	**	17	**	**	**
Non-Hodgkin's Lymphomas	47	15.1	10.9	20.6	39	10.8	7.6	15.0
Multiple Myeloma	18	**	**	**	14	**	**	**
Unknown Primary/Other/III Defined Sites	27	9.1	5.9	13.7	48	12.6	9.2	17.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**National Capital Region**

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, National Capital Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	3,854	340.8	329.8	352.2	1,533	422.2	399.6	445.8
Major Sites:	3,750				1,487			
Oral Cavity and Pharynx	66	6.0	4.6	7.8	35	8.7	5.9	12.7
Esophagus	49	4.2	3.0	5.7	22	**	**	**
Stomach	52	4.2	3.1	5.7	27	7.7	4.9	11.7
Colon and Rectum	428	35.4	32.0	39.1	189	57.9	49.5	67.5
Liver and Intrahepatic Bile Duct	30	2.7	1.8	4.0	12	**	**	**
Pancreas	91	7.5	6.0	9.4	37	11.5	8.0	16.3
Larynx	33	3.1	2.1	4.5	17	**	**	**
Lung and Bronchus	473	41.7	37.9	45.9	172	52.6	44.6	61.7
Bones and Joints	7	**	**	**	≤5	**	**	**
Soft Tissue	33	2.8	1.9	4.2	11	**	**	**
Melanomas of the Skin	173	15.5	13.2	18.3	≤5	**	**	**
Breast	714	63.7	59.0	68.8	300	66.5	58.4	75.7
Cervix	32				22			
Uterus	85				39			
Ovary	79				22			
Prostate	576				303			
Testis	27				≤5			
Urinary Bladder	193	16.1	13.8	18.8	29	9.9	6.5	14.4
Kidney and Renal Pelvis	82	7.2	5.7	9.2	35	8.9	6.0	13.0
Eye	6	**	**	**	≤5	**	**	**
Brain and Other Nervous System	61	6.0	4.5	8.0	12	**	**	**
Thyroid	87	7.5	6.0	9.5	24	**	**	**
Leukemias	64	5.4	4.1	7.2	36	8.1	5.5	11.8
Hodgkin's Disease	19	**	**	**	18	**	**	**
Non-Hodgkin's Lymphomas	137	12.3	10.2	14.7	51	13.9	10.1	19.0
Multiple Myeloma	44	3.8	2.7	5.3	23	**	**	**
Unknown Primary/Other/III Defined Sites	109	9.1	7.4	11.2	44	12.8	9.1	17.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Montgomery County**

**Table 3a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Montgomery County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,611	339.3	325.9	353.3	322	364.5	323.9	409.2
Major Sites:	2,538				314			
Oral Cavity and Pharynx	43	5.9	4.2	8.2	8	**	**	**
Esophagus	35	4.5	3.1	6.6	0	**	**	**
Stomach	32	3.5	2.4	5.3	6	**	**	**
Colon and Rectum	266	32.4	28.4	36.9	36	42.6	29.5	60.1
Liver and Intrahepatic Bile Duct	20	**	**	**	≤5	**	**	**
Pancreas	56	6.7	5.0	9.1	7	**	**	**
Larynx	16	**	**	**	≤5	**	**	**
Lung and Bronchus	277	35.6	31.4	40.3	36	47.2	32.7	66.0
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	23	**	**	**	≤5	**	**	**
Melanomas of the Skin	137	18.2	15.1	21.9	0	**	**	**
Breast	492	64.0	58.3	70.3	58	55.5	41.1	73.7
Cervix	19				≤5			
Uterus	61				8			
Ovary	59				7			
Prostate	413				66			
Testis	20				0			
Urinary Bladder	134	15.9	13.2	19.2	7	**	**	**
Kidney and Renal Pelvis	55	7.1	5.2	9.5	8	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	46	6.8	4.9	9.4	≤5	**	**	**
Thyroid	71	9.2	7.1	11.9	≤5	**	**	**
Leukemias	51	6.5	4.8	9.0	11	**	**	**
Hodgkin's Disease	13	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	92	12.3	9.8	15.4	17	**	**	**
Multiple Myeloma	30	3.9	2.6	5.8	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	70	8.6	6.6	11.2	12	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Prince George's County**

**Table 3b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Prince George's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,243	345.6	326.2	366.2	1,211	441.9	415.1	470.2
Major Sites:	1,212				1,173			
Oral Cavity and Pharynx	23	**	**	**	27	8.4	5.3	13.1
Esophagus	14	**	**	**	22	**	**	**
Stomach	20	**	**	**	21	**	**	**
Colon and Rectum	162	41.9	35.6	49.6	153	63.1	52.9	75.0
Liver and Intrahepatic Bile Duct	10	**	**	**	8	**	**	**
Pancreas	35	9.2	6.3	13.5	30	12.5	8.2	18.4
Larynx	17	**	**	**	13	**	**	**
Lung and Bronchus	196	54.5	47.0	63.3	136	54.1	44.8	65.1
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	10	**	**	**	8	**	**	**
Melanomas of the Skin	36	10.3	7.1	15.0	≤5	**	**	**
Breast	222	63.0	54.8	72.4	242	70.4	60.7	81.6
Cervix	13				17			
Uterus	24				31			
Ovary	20				15			
Prostate	163				237			
Testis	7				≤5			
Urinary Bladder	59	16.2	12.2	21.5	22	**	**	**
Kidney and Renal Pelvis	27	7.7	5.0	12.0	27	9.5	6.0	14.6
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	15	**	**	**	11	**	**	**
Thyroid	16	**	**	**	20	**	**	**
Leukemias	13	**	**	**	25	**	**	**
Hodgkin's Disease	6	**	**	**	17	**	**	**
Non-Hodgkin's Lymphomas	45	12.5	9.0	17.3	34	12.1	8.0	17.8
Multiple Myeloma	14	**	**	**	18	**	**	**
Unknown Primary/Other/III Defined Sites	39	10.3	7.3	14.8	32	11.8	7.7	17.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**National Capital Region**

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, National Capital Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,853	376.5	359.3	394.5	736	529.0	488.0	573.2
Major Sites:	1,814				712			
Oral Cavity and Pharynx	32	6.6	4.5	9.6	25	**	**	**
Esophagus	29	5.7	3.8	8.5	19	**	**	**
Stomach	29	5.8	3.9	8.6	13	**	**	**
Colon and Rectum	207	41.2	35.7	47.5	87	69.7	54.5	88.4
Liver and Intrahepatic Bile Duct	15	**	**	**	6	**	**	**
Pancreas	43	8.6	6.2	11.9	18	**	**	**
Larynx	26	5.2	3.4	7.9	15	**	**	**
Lung and Bronchus	239	48.6	42.6	55.5	97	71.4	56.7	89.4
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	17	**	**	**	≤5	**	**	**
Melanomas of the Skin	113	21.6	17.7	26.4	≤5	**	**	**
Breast	6	**	**	**	≤5	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	576	120.5	110.8	131.1	303	232.2	205.1	262.7
Testis	27	5.1	3.3	7.9	≤5	**	**	**
Urinary Bladder	138	27.4	23.0	32.7	20	**	**	**
Kidney and Renal Pelvis	48	9.7	7.1	13.2	17	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	29	6.5	4.2	9.6	≤5	**	**	**
Thyroid	26	5.1	3.3	7.8	6	**	**	**
Leukemias	32	6.7	4.5	9.8	21	**	**	**
Hodgkin's Disease	11	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	80	15.9	12.5	20.1	23	**	**	**
Multiple Myeloma	29	5.7	3.8	8.5	13	**	**	**
Unknown Primary/Other/III Defined Sites	56	11.2	8.4	14.8	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**National Capital Region**

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, National Capital Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	2,000	319.6	305.0	334.9	797	351.8	325.7	379.6
Major Sites:	1,935				775			
Oral Cavity and Pharynx	34	5.5	3.8	8.2	10	**	**	**
Esophagus	20	**	**	**	≤5	**	**	**
Stomach	23	**	**	**	14	**	**	**
Colon and Rectum	221	30.9	26.7	35.8	102	51.4	41.4	63.1
Liver and Intrahepatic Bile Duct	15	**	**	**	6	**	**	**
Pancreas	48	6.7	4.8	9.4	19	**	**	**
Larynx	7	**	**	**	≤5	**	**	**
Lung and Bronchus	234	37.2	32.4	42.8	75	39.5	30.6	50.3
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	16	**	**	**	7	**	**	**
Melanomas of the Skin	59	10.5	7.9	14.0	0	**	**	**
Breast	708	117.7	108.9	127.3	298	117.6	103.3	133.6
Cervix	32	5.1	3.5	7.7	22	**	**	**
Uterus	85	14.4	11.4	18.2	39	19.2	13.4	26.8
Ovary	79	13.3	10.4	17.0	22	**	**	**
Prostate								
Testis								
Urinary Bladder	55	7.7	5.7	10.5	9	**	**	**
Kidney and Renal Pelvis	34	5.3	3.6	7.9	18	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	32	5.5	3.6	8.3	9	**	**	**
Thyroid	61	10.0	7.6	13.2	18	**	**	**
Leukemias	32	4.6	3.1	7.1	15	**	**	**
Hodgkin's Disease	8	**	**	**	13	**	**	**
Non-Hodgkin's Lymphomas	57	9.0	6.7	12.2	28	14.4	9.4	21.5
Multiple Myeloma	15	**	**	**	10	**	**	**
Unknown Primary/Other/III Defined Sites	53	7.7	5.7	10.7	33	16.4	11.0	23.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**National Capital Region**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**National Capital Region, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	2,477	150.3	144.4	156.5
Major Sites:	2,426			
Oral Cavity and Pharynx	27	1.7	1.1	2.5
Esophagus	65	4.1	3.2	5.3
Stomach	75	4.4	3.5	5.6
Colon and Rectum	286	17.1	15.1	19.3
Liver and Intrahepatic Bile Duct	56	3.5	2.6	4.6
Pancreas	156	9.4	8.0	11.1
Larynx	14	**	**	**
Lung and Bronchus	593	37.4	34.4	40.6
Bones and Joints	≤5	**	**	**
Soft Tissue	16	**	**	**
Melanomas of the Skin	21	**	**	**
Breast	243	14.1	12.3	16.1
Cervix	16			
Uterus	20			
Ovary	85			
Prostate	150			
Testis	≤5			
Urinary Bladder	71	4.0	3.1	5.2
Kidney and Renal Pelvis	48	3.0	2.2	4.0
Eye	≤5	**	**	**
Brain and Other Nervous System	61	4.0	3.0	5.2
Thyroid	7	**	**	**
Leukemias	96	5.7	4.6	7.0
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	87	5.1	4.1	6.4
Multiple Myeloma	46	3.0	2.2	4.1
Unknown Primary/Other/III Defined Sites	175	10.7	9.1	12.4

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Montgomery County**

**Table 6a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Montgomery County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	1,314	131.7	124.4	139.3
Major Sites:	1,280			
Oral Cavity and Pharynx	9	**	**	**
Esophagus	38	4.1	2.9	5.8
Stomach	49	4.9	3.6	6.6
Colon and Rectum	146	14.2	11.9	16.9
Liver and Intrahepatic Bile Duct	32	3.5	2.4	5.1
Pancreas	80	7.7	6.1	9.8
Larynx	≤5	**	**	**
Lung and Bronchus	272	28.2	24.9	32.0
Bones and Joints	≤5	**	**	**
Soft Tissue	9	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	126	12.4	10.3	15.0
Cervix	6			
Uterus	9			
Ovary	59			
Prostate	78			
Testis	≤5			
Urinary Bladder	39	3.4	2.4	4.8
Kidney and Renal Pelvis	27	2.8	1.8	4.3
Eye	≤5	**	**	**
Brain and Other Nervous System	38	4.3	3.0	6.1
Thyroid	≤5	**	**	**
Leukemias	60	5.7	4.3	7.5
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	54	5.2	3.8	6.9
Multiple Myeloma	27	3.0	2.0	4.5
Unknown Primary/Other/III Defined Sites	91	9.3	7.5	11.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Prince George's County**

**Table 6b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Prince George's County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	1,163	176.4	166.2	187.1
Major Sites:	1,146			
Oral Cavity and Pharynx	18	**	**	**
Esophagus	27	4.2	2.8	6.2
Stomach	26	3.8	2.5	5.7
Colon and Rectum	140	21.1	17.7	25.1
Liver and Intrahepatic Bile Duct	24	**	**	**
Pancreas	76	11.7	9.2	14.7
Larynx	10	**	**	**
Lung and Bronchus	321	50.1	44.7	56.0
Bones and Joints	≤5	**	**	**
Soft Tissue	7	**	**	**
Melanomas of the Skin	8	**	**	**
Breast	117	16.0	13.1	19.3
Cervix	10			
Uterus	11			
Ovary	26			
Prostate	72			
Testis	0			
Urinary Bladder	32	5.1	3.5	7.3
Kidney and Renal Pelvis	21	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	23	**	**	**
Thyroid	≤5	**	**	**
Leukemias	36	5.4	3.8	7.6
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	33	5.1	3.5	7.2
Multiple Myeloma	19	**	**	**
Unknown Primary/Other/III Defined Sites	84	12.4	9.9	15.5

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**National Capital Region**

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, National Capital Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,226	180.7	170.6	191.3	1,251	130.1	122.7	137.9
Major Sites:	1,201				1,225			
Oral Cavity and Pharynx	19	**	**	**	8	**	**	**
Esophagus	52	7.8	5.8	10.3	13	**	**	**
Stomach	49	7.0	5.1	9.3	26	2.5	1.6	3.8
Colon and Rectum	139	20.7	17.3	24.5	147	14.1	11.8	16.8
Liver and Intrahepatic Bile Duct	37	5.2	3.7	7.3	19	**	**	**
Pancreas	79	11.9	9.4	14.9	77	7.6	5.9	9.7
Larynx	10	**	**	**	≤5	**	**	**
Lung and Bronchus	327	48.5	43.4	54.2	266	29.0	25.5	32.9
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	11	**	**	**
Melanomas of the Skin	13	**	**	**	8	**	**	**
Breast	≤5	**	**	**	242	24.9	21.8	28.5
Cervix					16	**	**	**
Uterus					20	**	**	**
Ovary					85	9.5	7.5	11.9
Prostate	150	23.1	19.5	27.1				
Testis	≤5	**	**	**				
Urinary Bladder	47	7.2	5.3	9.6	24	**	**	**
Kidney and Renal Pelvis	31	4.4	3.0	6.4	17	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	27	4.0	2.6	5.8	34	4.0	2.7	5.7
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	52	7.5	5.6	9.9	44	4.3	3.1	6.0
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	43	6.0	4.3	8.1	44	4.5	3.2	6.2
Multiple Myeloma	25	**	**	**	21	**	**	**
Unknown Primary/Other/III Defined Sites	87	12.5	10.0	15.5	88	9.2	7.3	11.6

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Montgomery County**

**Table 7a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Montgomery County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	636	156.1	144.1	169.0	678	116.0	107.0	125.8
Major Sites:	620				660			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	28	7.0	4.7	10.4	10	**	**	**
Stomach	32	7.8	5.3	11.2	17	**	**	**
Colon and Rectum	71	18.0	14.0	22.9	75	11.2	8.6	14.5
Liver and Intrahepatic Bile Duct	21	**	**	**	11	**	**	**
Pancreas	39	9.6	6.8	13.3	41	6.3	4.5	9.1
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	139	34.7	29.2	41.2	133	23.5	19.5	28.3
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	8	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	125	21.7	17.9	26.4
Cervix					6	**	**	**
Uterus					9	**	**	**
Ovary					59	11.1	8.3	14.7
Prostate	78	18.8	14.8	23.6				
Testis	≤5	**	**	**				
Urinary Bladder	27	6.5	4.3	9.7	12	**	**	**
Kidney and Renal Pelvis	17	**	**	**	10	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	13	**	**	**	25	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	31	7.4	5.0	10.8	29	4.4	2.9	6.9
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	27	6.3	4.1	9.5	27	4.2	2.7	6.6
Multiple Myeloma	17	**	**	**	10	**	**	**
Unknown Primary/Other/III Defined Sites	50	12.4	9.2	16.5	41	7.0	4.9	10.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Prince George's County**

**Table 7b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Prince George's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	590	216.1	198.6	234.9	573	149.4	137.1	162.7
Major Sites:	581				565			
Oral Cavity and Pharynx	13	**	**	**	≤5	**	**	**
Esophagus	24	**	**	**	≤5	**	**	**
Stomach	17	**	**	**	9	**	**	**
Colon and Rectum	68	24.5	18.8	31.4	72	18.2	14.2	23.3
Liver and Intrahepatic Bile Duct	16	**	**	**	8	**	**	**
Pancreas	40	15.4	10.9	21.2	36	9.1	6.3	12.9
Larynx	6	**	**	**	≤5	**	**	**
Lung and Bronchus	188	68.3	58.7	79.2	133	36.6	30.5	43.7
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	6	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	117	28.5	23.4	34.6
Cervix					10	**	**	**
Uterus					11	**	**	**
Ovary					26	7.4	4.8	11.1
Prostate	72	29.8	23.2	37.7				
Testis	0	**	**	**				
Urinary Bladder	20	**	**	**	12	**	**	**
Kidney and Renal Pelvis	14	**	**	**	7	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	14	**	**	**	9	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	21	**	**	**	15	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	16	**	**	**	17	**	**	**
Multiple Myeloma	8	**	**	**	11	**	**	**
Unknown Primary/Other/III Defined Sites	37	12.2	8.5	17.2	47	12.4	9.0	16.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**National Capital Region**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, National Capital Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,683	138.5	131.7	145.6	712	212.4	196.1	229.9
Major Sites:	1,652				697			
Oral Cavity and Pharynx	16	**	**	**	8	**	**	**
Esophagus	50	4.1	3.0	5.6	12	**	**	**
Stomach	43	3.6	2.6	5.0	23	**	**	**
Colon and Rectum	193	15.1	13.0	17.6	87	27.3	21.6	34.2
Liver and Intrahepatic Bile Duct	37	3.1	2.2	4.5	12	**	**	**
Pancreas	109	8.6	7.0	10.6	44	13.6	9.7	18.8
Larynx	9	**	**	**	≤5	**	**	**
Lung and Bronchus	415	35.6	32.2	39.4	161	50.7	42.8	59.8
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	10	**	**	**	≤5	**	**	**
Melanomas of the Skin	18	**	**	**	≤5	**	**	**
Breast	150	12.1	10.2	14.4	87	20.7	16.1	26.3
Cervix	7				9			
Uterus	11				9			
Ovary	64				20			
Prostate	87				60			
Testis	≤5				0			
Urinary Bladder	59	4.3	3.2	5.7	12	**	**	**
Kidney and Renal Pelvis	34	3.1	2.1	4.5	13	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	47	4.4	3.2	6.1	13	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	70	5.5	4.3	7.2	23	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	73	6.0	4.6	7.7	10	**	**	**
Multiple Myeloma	30	2.6	1.8	4.0	15	**	**	**
Unknown Primary/Other/III Defined Sites	105	8.7	7.1	10.8	64	19.2	14.5	25.1

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Montgomery County**

**Table 8a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Montgomery County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,112	132.6	124.6	141.1	143	170.6	142.8	202.6
Major Sites:	1,088				138			
Oral Cavity and Pharynx	8	**	**	**	0	**	**	**
Esophagus	34	4.2	2.9	6.2	≤5	**	**	**
Stomach	32	3.8	2.5	5.7	9	**	**	**
Colon and Rectum	122	14.0	11.6	17.1	20	**	**	**
Liver and Intrahepatic Bile Duct	23	**	**	**	≤5	**	**	**
Pancreas	72	8.1	6.3	10.6	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	234	28.7	25.0	33.0	28	37.1	24.4	54.3
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	6	**	**	**	≤5	**	**	**
Melanomas of the Skin	13	**	**	**	0	**	**	**
Breast	107	12.7	10.3	15.7	15	**	**	**
Cervix	≤5				≤5			
Uterus	7				≤5			
Ovary	54				≤5			
Prostate	62				13			
Testis	≤5				0			
Urinary Bladder	36	3.5	2.4	5.2	≤5	**	**	**
Kidney and Renal Pelvis	23	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	36	5.2	3.6	7.5	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	53	6.0	4.4	8.2	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	50	5.8	4.2	8.0	≤5	**	**	**
Multiple Myeloma	19	**	**	**	7	**	**	**
Unknown Primary/Other/III Defined Sites	76	9.2	7.2	11.9	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Prince George's County**

**Table 8b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Prince George's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	571	151.0	138.6	164.6	569	227.3	207.5	248.5
Major Sites:	564				559			
Oral Cavity and Pharynx	8	**	**	**	8	**	**	**
Esophagus	16	**	**	**	10	**	**	**
Stomach	11	**	**	**	14	**	**	**
Colon and Rectum	71	17.6	13.7	22.9	67	27.7	21.1	36.0
Liver and Intrahepatic Bile Duct	14	**	**	**	7	**	**	**
Pancreas	37	9.4	6.6	13.7	39	16.5	11.4	23.3
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	181	49.7	42.6	58.2	133	55.4	45.8	66.7
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	43	11.1	7.9	15.7	72	22.3	17.0	29.2
Cervix	≤5				8			
Uterus	≤5				7			
Ovary	10				15			
Prostate	25				47			
Testis	0				0			
Urinary Bladder	23	**	**	**	9	**	**	**
Kidney and Renal Pelvis	11	**	**	**	10	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	11	**	**	**	12	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	17	**	**	**	19	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	23	**	**	**	9	**	**	**
Multiple Myeloma	11	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	29	7.7	5.1	11.8	53	21.4	15.7	28.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**National Capital Region**

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, National Capital Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	820	163.9	152.8	175.8	361	278.6	247.8	312.9
Major Sites:	806				353			
Oral Cavity and Pharynx	11	**	**	**	6	**	**	**
Esophagus	40	8.0	5.7	11.1	11	**	**	**
Stomach	29	5.9	3.9	8.7	15	**	**	**
Colon and Rectum	91	18.4	14.8	22.9	45	35.0	24.5	49.2
Liver and Intrahepatic Bile Duct	21	**	**	**	10	**	**	**
Pancreas	53	10.3	7.7	13.8	24	**	**	**
Larynx	6	**	**	**	≤5	**	**	**
Lung and Bronchus	221	44.7	38.9	51.2	95	72.8	57.6	91.5
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	11	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	87	16.9	13.5	21.1	60	61.1	46.1	80.0
Testis	≤5	**	**	**	0	**	**	**
Urinary Bladder	42	8.2	5.9	11.4	≤5	**	**	**
Kidney and Renal Pelvis	22	**	**	**	9	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	17	**	**	**	9	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	36	7.1	4.9	10.2	14	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	34	6.8	4.7	9.8	6	**	**	**
Multiple Myeloma	18	**	**	**	7	**	**	**
Unknown Primary/Other/III Defined Sites	57	11.5	8.7	15.2	29	18.9	12.0	29.3

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**National Capital Region**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, National Capital Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	863	121.9	113.3	131.1	351	172.9	154.3	193.4
Major Sites:	846				344			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	10	**	**	**	≤5	**	**	**
Stomach	14	**	**	**	8	**	**	**
Colon and Rectum	102	12.2	9.8	15.3	42	22.8	16.2	31.3
Liver and Intrahepatic Bile Duct	16	**	**	**	≤5	**	**	**
Pancreas	56	7.3	5.4	10.0	20	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	194	28.9	24.8	33.9	66	35.6	27.2	45.9
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	8	**	**	**	≤5	**	**	**
Melanomas of the Skin	7	**	**	**	≤5	**	**	**
Breast	149	21.3	17.8	25.5	87	36.3	28.4	45.8
Cervix	7	**	**	**	9	**	**	**
Uterus	11	**	**	**	9	**	**	**
Ovary	64	10.2	7.7	13.5	20	**	**	**
Prostate								
Testis								
Urinary Bladder	17	**	**	**	7	**	**	**
Kidney and Renal Pelvis	12	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	30	5.3	3.5	8.1	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	34	4.4	2.9	6.6	9	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	39	5.3	3.7	7.8	≤5	**	**	**
Multiple Myeloma	12	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	48	6.5	4.7	9.1	35	19.0	13.0	26.9

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

## E. Northwest Region Data Tables

Tables 1 – 1d: Age-Adjusted Cancer Incidence Rates by Site, Region and Jurisdiction

Tables 2 – 2d: Age-Adjusted Cancer Incidence Rates by Site, Gender, Region and Jurisdiction

Tables 3 – 3d: Age-Adjusted Cancer Incidence Rates by Site, Race, Region and Jurisdiction

Table 4: Age-Adjusted Cancer Incidence Rates (Males) by Site, Race and Region

Table 5: Age-Adjusted Cancer Incidence Rates (Females) by Site, Race and Region

Tables 6 – 6d: Age-Adjusted Cancer Mortality Rates by Site, Region and Jurisdiction

Tables 7 – 7d: Age-Adjusted Cancer Mortality Rates by Site, Gender, Region and Jurisdiction

Tables 8 – 8d: Age-Adjusted Cancer Mortality Rates by Site, Race, Region and Jurisdiction

Table 9: Age-Adjusted Cancer Mortality Rates (Males) by Site, Race and Region

Table 10: Age-Adjusted Cancer Mortality Rates (Females) by Site, Race and Region

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The Northwest Region is comprised of the counties listed below. Data for each county are found in the tables with the following corresponding letters:

<u>Jurisdiction</u>	<u>Table Suffix</u>
Allegany County	a
Frederick County	b
Garrett County	c
Washington County	d



# Northwest Region

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Northwest Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	2,055	411.4	393.2	430.3
Major Sites:	1,993			
Oral Cavity and Pharynx	34	6.6	4.5	9.5
Esophagus	23	**	**	**
Stomach	26	4.7	3.0	7.2
Colon and Rectum	263	50.2	44.1	57.1
Liver and Intrahepatic Bile Duct	18	**	**	**
Pancreas	42	8.4	6.0	11.6
Larynx	28	5.8	3.8	8.6
Lung and Bronchus	306	62.4	55.4	70.1
Bones and Joints	≤5	**	**	**
Soft Tissue	14	**	**	**
Melanomas of the Skin	71	14.9	11.5	19.0
Breast	313	61.7	54.9	69.2
Cervix	19			
Uterus	45			
Ovary	45			
Prostate	264			
Testis	17			
Urinary Bladder	111	20.7	16.9	25.3
Kidney and Renal Pelvis	59	12.0	9.1	15.8
Eye	≤5	**	**	**
Brain and Other Nervous System	25	**	**	**
Thyroid	42	8.6	6.2	11.9
Leukemias	42	9.4	6.7	13.0
Hodgkin's Disease	8	**	**	**
Non-Hodgkin's Lymphomas	82	16.3	12.8	20.5
Multiple Myeloma	21	**	**	**
Unknown Primary/Other/III Defined Sites	70	13.0	10.0	16.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Allegany County**

**Table 1a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Allegany County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	480	423.0	384.0	466.4
Major Sites:	465			
Oral Cavity and Pharynx	9	**	**	**
Esophagus	6	**	**	**
Stomach	11	**	**	**
Colon and Rectum	65	54.6	41.5	72.5
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	6	**	**	**
Lung and Bronchus	85	73.9	58.4	94.3
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	15	**	**	**
Breast	70	60.3	46.4	79.1
Cervix	≤5			
Uterus	11			
Ovary	≤5			
Prostate	58			
Testis	≤5			
Urinary Bladder	25	**	**	**
Kidney and Renal Pelvis	12	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	9	**	**	**
Thyroid	7	**	**	**
Leukemias	12	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	22	**	**	**
Multiple Myeloma	7	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Frederick County**

**Table 1b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Frederick County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	787	429.8	399.4	462.0
Major Sites:	764			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	6	**	**	**
Stomach	9	**	**	**
Colon and Rectum	95	51.4	41.4	63.5
Liver and Intrahepatic Bile Duct	7	**	**	**
Pancreas	22	**	**	**
Larynx	12	**	**	**
Lung and Bronchus	101	57.5	46.6	70.3
Bones and Joints	≤5	**	**	**
Soft Tissue	8	**	**	**
Melanomas of the Skin	26	13.7	8.8	20.6
Breast	138	70.9	59.2	84.6
Cervix	10			
Uterus	21			
Ovary	22			
Prostate	103			
Testis	10			
Urinary Bladder	33	17.9	12.2	25.7
Kidney and Renal Pelvis	25	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	7	**	**	**
Thyroid	22	**	**	**
Leukemias	13	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	33	18.5	12.5	26.4
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Garrett County**

**Table 1c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Garrett County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	132	346.9	288.0	418.2
Major Sites:	129			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	0	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	25	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	8	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	20			
Testis	0			
Urinary Bladder	11	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Washington County**

**Table 1d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Washington County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	656	394.2	363.6	427.3
Major Sites:	635			
Oral Cavity and Pharynx	18	**	**	**
Esophagus	9	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	87	49.5	39.3	62.3
Liver and Intrahepatic Bile Duct	6	**	**	**
Pancreas	14	**	**	**
Larynx	9	**	**	**
Lung and Bronchus	95	60.0	48.3	74.4
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	21	**	**	**
Breast	97	58.2	46.9	72.1
Cervix	6			
Uterus	10			
Ovary	15			
Prostate	83			
Testis	≤5			
Urinary Bladder	42	21.4	15.2	30.1
Kidney and Renal Pelvis	16	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	8	**	**	**
Thyroid	11	**	**	**
Leukemias	15	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	23	**	**	**
Multiple Myeloma	8	**	**	**
Unknown Primary/Other/III Defined Sites	26	15.0	9.6	23.3

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Northwest Region

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Northwest Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,047	481.3	452.2	512.0	1,008	362.5	339.3	387.2
Major Sites:	1,016				977			
Oral Cavity and Pharynx	24	**	**	**	10	**	**	**
Esophagus	14	**	**	**	9	**	**	**
Stomach	18	**	**	**	8	**	**	**
Colon and Rectum	127	56.9	47.3	68.2	136	44.4	36.9	53.5
Liver and Intrahepatic Bile Duct	8	**	**	**	10	**	**	**
Pancreas	19	**	**	**	23	**	**	**
Larynx	24	**	**	**	≤5	**	**	**
Lung and Bronchus	184	85.6	73.5	99.2	122	43.5	35.8	52.7
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	11	**	**	**	≤5	**	**	**
Melanomas of the Skin	42	19.4	13.9	26.6	29	11.4	7.5	17.1
Breast	≤5	**	**	**	312	115.4	102.5	129.8
Cervix					19	**	**	**
Uterus					45	16.9	12.1	23.2
Ovary					45	18.3	13.2	25.2
Prostate	264	125.4	110.6	141.9				
Testis	17	**	**	**				
Urinary Bladder	81	36.5	28.9	45.7	30	8.8	5.8	13.3
Kidney and Renal Pelvis	34	15.6	10.7	22.2	25	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	14	**	**	**	11	**	**	**
Thyroid	9	**	**	**	33	13.3	9.1	19.2
Leukemias	21	**	**	**	21	**	**	**
Hodgkin's Disease	6	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	40	17.8	12.6	24.6	42	15.6	11.1	21.9
Multiple Myeloma	13	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	42	18.8	13.5	25.8	28	8.8	5.6	13.7

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

***Allegany County***

**Table 2a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Allegany County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	254	529.8	465.2	603.5	226	346.3	298.8	403.1
Major Sites:	245				220			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	7	**	**	**	≤5	**	**	**
Colon and Rectum	29	60.5	40.2	91.2	36	49.8	33.6	76.6
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	53	109.6	81.6	147.6	32	46.2	30.5	72.5
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	8	**	**	**	7	**	**	**
Breast	0	**	**	**	70	108.0	82.4	143.5
Cervix					≤5	**	**	**
Uterus					11	**	**	**
Ovary					≤5	**	**	**
Prostate	58	121.0	91.5	160.4				
Testis	≤5	**	**	**				
Urinary Bladder	21	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	8	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	11	**	**	**	11	**	**	**
Multiple Myeloma	6	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Frederick County**

**Table 2b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Frederick County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	391	489.3	440.9	541.9	396	385.4	346.9	427.5
Major Sites:	381				383			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	51	61.5	45.3	82.0	44	42.1	30.2	57.8
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	11	**	**	**	11	**	**	**
Larynx	11	**	**	**	≤5	**	**	**
Lung and Bronchus	64	82.7	63.4	106.2	37	36.8	25.6	51.9
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	7	**	**	**	≤5	**	**	**
Melanomas of the Skin	16	**	**	**	10	**	**	**
Breast	0	**	**	**	138	135.6	113.2	161.7
Cervix					10	**	**	**
Uterus					21	**	**	**
Ovary					22	**	**	**
Prostate	103	137.8	112.2	167.9				
Testis	10	**	**	**				
Urinary Bladder	23	**	**	**	10	**	**	**
Kidney and Renal Pelvis	12	**	**	**	13	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	6	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	17	**	**	**
Leukemias	8	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	17	**	**	**	16	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Garrett County**

**Table 2c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Garrett County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	84	478.8	379.7	603.7	48	240.6	173.6	333.7
Major Sites:	81				48			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	9	**	**	**	7	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	16	**	**	**	9	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	8	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	20	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	10	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Washington County**

**Table 2d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Washington County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	318	435.0	387.9	487.2	338	373.8	332.7	420.1
Major Sites:	309				326			
Oral Cavity and Pharynx	13	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	38	50.7	35.8	71.2	49	48.6	35.1	67.6
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	9	**	**	**
Larynx	8	**	**	**	≤5	**	**	**
Lung and Bronchus	51	73.2	54.3	97.6	44	49.0	35.1	68.5
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	13	**	**	**	8	**	**	**
Breast	≤5	**	**	**	96	108.6	87.1	135.4
Cervix					6	**	**	**
Uterus					10	**	**	**
Ovary					15	**	**	**
Prostate	83	115.9	92.0	145.1				
Testis	≤5	**	**	**				
Urinary Bladder	27	34.4	22.6	51.8	15	**	**	**
Kidney and Renal Pelvis	10	**	**	**	6	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	9	**	**	**
Leukemias	≤5	**	**	**	10	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	10	**	**	**	13	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	17	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Northwest Region

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Northwest Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,929	404.0	385.6	423.3	67	379.4	291.1	487.4
Major Sites:	1,872				64			
Oral Cavity and Pharynx	33	6.7	4.6	9.7	0	**	**	**
Esophagus	19	**	**	**	≤5	**	**	**
Stomach	26	4.9	3.2	7.6	0	**	**	**
Colon and Rectum	249	49.3	43.2	56.3	10	**	**	**
Liver and Intrahepatic Bile Duct	15	**	**	**	≤5	**	**	**
Pancreas	38	8.0	5.6	11.3	≤5	**	**	**
Larynx	27	5.9	3.8	8.8	≤5	**	**	**
Lung and Bronchus	298	63.2	56.0	71.2	8	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	14	**	**	**	0	**	**	**
Melanomas of the Skin	70	15.4	11.9	19.8	≤5	**	**	**
Breast	296	61.2	54.3	69.0	12	**	**	**
Cervix	18				0			
Uterus	45				0			
Ovary	45				0			
Prostate	219				12			
Testis	16				≤5			
Urinary Bladder	106	20.6	16.8	25.4	0	**	**	**
Kidney and Renal Pelvis	58	12.4	9.3	16.3	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	24	**	**	**	≤5	**	**	**
Thyroid	38	8.4	5.9	11.8	≤5	**	**	**
Leukemias	40	9.4	6.6	13.2	≤5	**	**	**
Hodgkin's Disease	7	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	81	16.9	13.3	21.3	≤5	**	**	**
Multiple Myeloma	21	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	64	12.0	9.1	15.7	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Allegany County**

**Table 3a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Allegany County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	473	424.3	384.8	468.4	≤5	**	**	**
Major Sites:	459				≤5			
Oral Cavity and Pharynx	9	**	**	**	0	**	**	**
Esophagus	6	**	**	**	0	**	**	**
Stomach	11	**	**	**	0	**	**	**
Colon and Rectum	64	54.4	41.3	72.7	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	6	**	**	**	0	**	**	**
Larynx	6	**	**	**	0	**	**	**
Lung and Bronchus	85	75.4	59.5	96.3	0	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	15	**	**	**	0	**	**	**
Breast	70	61.6	47.4	81.0	0	**	**	**
Cervix	≤5				0			
Uterus	11				0			
Ovary	≤5				0			
Prostate	55				≤5			
Testis	≤5				0			
Urinary Bladder	25	**	**	**	0	**	**	**
Kidney and Renal Pelvis	12	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	9	**	**	**	0	**	**	**
Thyroid	6	**	**	**	≤5	**	**	**
Leukemias	12	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	21	**	**	**	≤5	**	**	**
Multiple Myeloma	7	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



**Frederick County**

**Table 3b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Frederick County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	700	413.0	382.1	446.0	41	359.7	255.5	494.8
Major Sites:	679				40			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	9	**	**	**	0	**	**	**
Colon and Rectum	82	47.8	37.8	60.0	9	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	20	**	**	**	≤5	**	**	**
Larynx	11	**	**	**	≤5	**	**	**
Lung and Bronchus	97	59.4	48.0	73.1	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	8	**	**	**	0	**	**	**
Melanomas of the Skin	26	14.9	9.5	22.4	0	**	**	**
Breast	123	68.9	56.8	83.0	10	**	**	**
Cervix	9				0			
Uterus	21				0			
Ovary	22				0			
Prostate	71				≤5			
Testis	10				0			
Urinary Bladder	29	16.9	11.1	24.8	0	**	**	**
Kidney and Renal Pelvis	24	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	7	**	**	**	0	**	**	**
Thyroid	19	**	**	**	≤5	**	**	**
Leukemias	13	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	33	20.0	13.6	28.6	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Garrett County**

**Table 3c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Garrett County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	131	345.8	286.8	417.2	≤5	**	**	**
Major Sites:	128				≤5			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	16	**	**	**	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	25	**	**	**	0	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	8	**	**	**	≤5	**	**	**
Breast	8	**	**	**	0	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	≤5				0			
Prostate	20				0			
Testis	0				0			
Urinary Bladder	11	**	**	**	0	**	**	**
Kidney and Renal Pelvis	6	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Washington County**

**Table 3d**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Washington County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	625	391.0	359.9	424.9	20	**	**	**
Major Sites:	606				18			
Oral Cavity and Pharynx	17	**	**	**	0	**	**	**
Esophagus	7	**	**	**	1	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	87	51.1	40.6	64.4	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	12	**	**	**	≤5	**	**	**
Larynx	9	**	**	**	0	**	**	**
Lung and Bronchus	91	59.1	47.3	73.7	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	21	**	**	**	0	**	**	**
Breast	95	59.6	47.9	74.1	≤5	**	**	**
Cervix	6				0			
Uterus	10				0			
Ovary	15				0			
Prostate	73				≤5			
Testis	≤5				≤5			
Urinary Bladder	41	21.5	15.2	30.6	0	**	**	**
Kidney and Renal Pelvis	16	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	7	**	**	**	≤5	**	**	**
Thyroid	11	**	**	**	0	**	**	**
Leukemias	13	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	23	**	**	**	0	**	**	**
Multiple Myeloma	8	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	24	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Northwest Region

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Northwest Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	965	465.6	436.3	496.7	33	414.4	280.2	594.9
Major Sites:	936				32			
Oral Cavity and Pharynx	23	**	**	**	0	**	**	**
Esophagus	12	**	**	**	0	**	**	**
Stomach	18	**	**	**	0	**	**	**
Colon and Rectum	118	55.7	46.0	67.2	6	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	≤5	**	**	**
Pancreas	17	**	**	**	≤5	**	**	**
Larynx	23	**	**	**	≤5	**	**	**
Lung and Bronchus	179	86.7	74.3	100.9	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	11	**	**	**	0	**	**	**
Melanomas of the Skin	42	20.4	14.6	28.0	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	219	109.9	95.6	125.9	12	**	**	**
Testis	16	**	**	**	≤5	**	**	**
Urinary Bladder	78	36.6	28.8	46.1	0	**	**	**
Kidney and Renal Pelvis	33	15.8	10.8	22.7	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	14	**	**	**	0	**	**	**
Thyroid	8	**	**	**	≤5	**	**	**
Leukemias	20	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	39	18.2	12.9	25.4	≤5	**	**	**
Multiple Myeloma	13	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	38	17.5	12.3	24.5	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Northwest Region

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Northwest Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	964	361.8	338.1	387.1	34	356.6	243.9	506.9
Major Sites:	936				32			
Oral Cavity and Pharynx	10	**	**	**	0	**	**	**
Esophagus	7	**	**	**	≤5	**	**	**
Stomach	8	**	**	**	0	**	**	**
Colon and Rectum	131	44.0	36.3	53.2	≤5	**	**	**
Liver and Intrahepatic Bile Duct	9	**	**	**	≤5	**	**	**
Pancreas	21	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	119	44.0	36.1	53.6	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	28	11.6	7.5	17.5	≤5	**	**	**
Breast	295	114.3	101.2	129.1	12	**	**	**
Cervix	18	**	**	**	0	**	**	**
Uterus	45	17.7	12.7	24.3	0	**	**	**
Ovary	45	19.4	13.9	26.7	0	**	**	**
Prostate								
Testis								
Urinary Bladder	28	8.7	5.6	13.4	0	**	**	**
Kidney and Renal Pelvis	25	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	10	**	**	**	≤5	**	**	**
Thyroid	30	12.9	8.6	19.0	≤5	**	**	**
Leukemias	20	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	42	16.4	11.6	23.0	0	**	**	**
Multiple Myeloma	8	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	26	8.2	5.1	13.1	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Northwest Region**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Northwest Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	854	161.4	150.4	173.2
Major Sites:	841			
Oral Cavity and Pharynx	14	**	**	**
Esophagus	19	**	**	**
Stomach	14	**	**	**
Colon and Rectum	92	16.3	13.0	20.4
Liver and Intrahepatic Bile Duct	14	**	**	**
Pancreas	42	8.1	5.8	11.3
Larynx	≤5	**	**	**
Lung and Bronchus	265	52.8	46.4	59.9
Bones and Joints	≤5	**	**	**
Soft Tissue	7	**	**	**
Melanomas of the Skin	10	**	**	**
Breast	59	10.9	8.2	14.4
Cervix	12			
Uterus	≤5			
Ovary	23			
Prostate	48			
Testis	≤5			
Urinary Bladder	19	**	**	**
Kidney and Renal Pelvis	16	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	18	**	**	**
Thyroid	≤5	**	**	**
Leukemias	29	5.4	3.6	8.1
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	40	7.5	5.3	10.5
Multiple Myeloma	12	**	**	**
Unknown Primary/Other/III Defined Sites	67	12.3	9.4	16.0

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

***Allegany County***

**Table 6a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Allegany County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	208	166.8	143.6	194.4
Major Sites:	204			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	6	**	**	**
Colon and Rectum	26	19.7	12.5	32.2
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	74	59.4	46.0	77.5
Bones and Joints	≤5	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	9	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	6			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	9	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	10	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Frederick County**

**Table 6b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Frederick County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	293	159.7	141.5	179.9
Major Sites:	289			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	7	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	32	16.5	11.1	23.9
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	19	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	84	48.0	38.1	59.9
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	21	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	8			
Prostate	19			
Testis	≤5			
Urinary Bladder	6	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	8	**	**	**
Thyroid	0	**	**	**
Leukemias	8	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	13	**	S	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	22	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Garrett County**

**Table 6c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Garrett County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	57	138.4	103.5	186.0
Major Sites:	56			
Oral Cavity and Pharynx	0	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	10	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	0	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	20	**	**	**
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	≤5	**	**	**
Cervix	≤5			
Uterus	0			
Ovary	0			
Prostate	0			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	0	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	0	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Washington County**

**Table 6d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Washington County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	296	167.2	148.0	188.9
Major Sites:	292			
Oral Cavity and Pharynx	7	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	24	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	17	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	87	53.9	42.9	67.6
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	24	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	11			
Prostate	23			
Testis	0			
Urinary Bladder	8	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	7	**	**	**
Thyroid	≤5	**	**	**
Leukemias	11	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	14	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

# Northwest Region

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Northwest Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	447	200.3	181.9	220.2	407	134.4	120.9	149.5
Major Sites:	445				396			
Oral Cavity and Pharynx	8	**	**	**	6	**	**	**
Esophagus	10	**	**	**	9	**	**	**
Stomach	7	**	**	**	7	**	**	**
Colon and Rectum	45	19.8	14.4	26.8	47	13.7	9.9	19.2
Liver and Intrahepatic Bile Duct	12	**	**	**	≤5	**	**	**
Pancreas	21	**	**	**	21	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	163	74.8	63.6	87.6	102	36.2	29.2	44.7
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	6	**	**	**	≤5	**	**	**
Melanomas of the Skin	7	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	58	19.0	14.1	25.5
Cervix					12	**	**	**
Uterus					≤5	**	**	**
Ovary					23	**	**	**
Prostate	48	19.7	14.5	26.4				
Testis	≤5	**	**	**				
Urinary Bladder	12	**	**	**	7	**	**	**
Kidney and Renal Pelvis	6	**	**	**	10	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	10	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	16	**	**	**	13	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	21	**	**	**	19	**	**	**
Multiple Myeloma	6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	39	17.1	12.1	23.8	28	8.2	5.2	12.8

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

***Allegany County***

**Table 7a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Allegany County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	107	210.2	171.5	258.3	101	140.4	111.9	178.3
Major Sites:	107				97			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	15	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	47	92.6	67.6	127.5	27	35.7	22.7	59.5
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	9	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	6	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	6	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Frederick County**

**Table 7b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Frederick County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	162	208.1	176.9	243.6	131	123.0	101.8	147.8
Major Site:	162				127			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	15	**	**	**	17	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	9	**	**	**	10	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	55	72.8	54.6	95.3	29	28.7	18.9	42.4
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	0	**	**	**	21	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					8	**	**	**
Prostate	19	**	**	**				
Testis	≤5	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	6	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	9	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Garrett County**

**Table 7c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Garrett County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	23	**	**	**	34	153.3	103.7	229.1
Major Sites:	22				34			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	0	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	≤5	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	9	**	**	**	11	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix					≤5	**	**	**
Uterus					0	**	**	**
Ovary					0	**	**	**
Prostate	0	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	0	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	0	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Washington County**

**Table 7d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Washington County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	155	204.2	173.0	240.7	141	141.6	117.6	170.9
Major Sites:	154				138			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	11	**	**	**	13	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	11	**	**	**	6	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	52	71.9	53.5	95.8	35	39.9	27.3	58.2
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	24	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					11	**	**	**
Prostate	23	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	6	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	8	**	**	**	6	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Northwest Region**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Northwest Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	817	160.4	149.2	172.5	34	204.6	140.6	289.0
Major Sites:	805				33			
Oral Cavity and Pharynx	13	**	**	**	≤5	**	**	**
Esophagus	17	**	**	**	≤5	**	**	**
Stomach	14	**	**	**	0	**	**	**
Colon and Rectum	90	16.6	13.2	20.8	≤5	**	**	**
Liver and Intrahepatic Bile Duct	14	**	**	**	0	**	**	**
Pancreas	37	7.4	5.2	10.6	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	256	52.9	46.4	60.2	8	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	7	**	**	**	0	**	**	**
Melanomas of the Skin	10	**	**	**	0	**	**	**
Breast	56	10.6	7.9	14.2	≤5	**	**	**
Cervix	12				0			
Uterus	≤5				0			
Ovary	22				0			
Prostate	45				≤5			
Testis	≤5				0			
Urinary Bladder	18	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	15	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	18	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	28	5.5	3.6	8.2	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	40	7.8	5.5	11.0	0	**	**	**
Multiple Myeloma	10	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	62	11.8	9.0	15.6	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Allegany County**

**Table 8a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Allegany County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	206	168.9	145.3	197.2	≤5	**	**	**
Major Sites:	202				≤5			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	6	**	**	**	0	**	**	**
Colon and Rectum	26	20.1	12.7	33.1	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	6	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	73	59.9	46.3	78.4	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	9	**	**	**	0	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	≤5				0			
Prostate	6				0			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	9	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	10	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Frederick County**

**Table 8b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Frederick County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	266	154.9	136.3	175.6	24	**	**	**
Major Sites:	263				23			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	30	16.7	11.1	24.5	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	16	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	77	47.1	36.9	59.4	6	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	18	**	**	**	≤5	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	7				0			
Prostate	18				≤5			
Testis	≤5				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkins Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkins Lymphomas	13	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	20	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Garrett County**

**Table 8c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Garrett County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	57	139.3	104.1	187.2	0	**	**	**
Major Sites:	56				0			
Oral Cavity and Pharynx	0	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	10	**	**	**	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	0	**	**	**	0	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	20	**	**	**	0	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix	≤5				0			
Uterus	0				0			
Ovary	0				0			
Prostate	0				0			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	0	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Washington County**

**Table 8d**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Washington County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	288	167.5	147.9	189.7	8	**	**	**
Major Sites:	284				8			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	24	**	**	**	0	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	15	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	86	54.6	43.4	68.7	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	24	**	**	**	0	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	11				0			
Prostate	21				≤5			
Testis	0				0			
Urinary Bladder	8	**	**	**	0	**	**	**
Kidney and Renal Pelvis	6	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	7	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	11	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	14	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

# Northwest Region

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Northwest Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	431	201.2	182.4	221.7	16	**	**	**
Major Sites	429				16			
Oral Cavity and Pharynx	7	**	**	**	≤5	**	**	**
Esophagus	9	**	**	**	≤5	**	**	**
Stomach	7	**	**	**	0	**	**	**
Colon and Rectum	45	20.6	15.0	28.0	0	**	**	**
Liver and Intrahepatic Bile Duct	12	**	**	**	0	**	**	**
Pancreas	20	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	157	75.0	63.6	88.2	6	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	6	**	**	**	0	**	**	**
Melanomas of the Skin	7	**	**	**	0	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	45	19.0	13.8	25.9	≤5	**	**	**
Testis	≤5	**	**	**	0	**	**	**
Urinary Bladder	12	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	8	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	15	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	21	**	**	**	0	**	**	**
Multiple Myeloma	6	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	37	17.0	11.9	24.0	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Northwest Region**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Northwest Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	386	132.2	118.5	147.5	18	**	**	**
Major Sites	376				17			
Oral Cavity and Pharynx	6	**	**	**	0	**	**	**
Esophagus	8	**	**	**	≤5	**	**	**
Stomach	7	**	**	**	0	**	**	**
Colon and Rectum	45	13.7	9.7	19.3	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	17	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	99	36.3	29.2	45.1	≤5	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	55	18.5	13.6	25.1	≤5	**	**	**
Cervix	12	**	**	**	0	**	**	**
Uterus	≤5	**	**	**	0	**	**	**
Ovary	22	**	**	**	0	**	**	**
Prostate								
Testis								
Urinary Bladder	6	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	10	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	10	**	**	**	0	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	13	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	19	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

## F. Southern Region Data Tables

Tables 1 – 1c: Age-Adjusted Cancer Incidence Rates by Site, Region and Jurisdiction

Tables 2 – 2c: Age-Adjusted Cancer Incidence Rates by Site, Gender, Region and Jurisdiction

Tables 3 – 3c: Age-Adjusted Cancer Incidence Rates by Site, Race, Region and Jurisdiction

Table 4: Age-Adjusted Cancer Incidence Rates (Males) by Site, Race and Region

Table 5: Age-Adjusted Cancer Incidence Rates (Females) by Site, Race and Region

Tables 6 – 6c: Age-Adjusted Cancer Mortality Rates by Site, Region and Jurisdiction

Tables 7 – 7c: Age-Adjusted Cancer Mortality Rates by Site, Gender, Region and Jurisdiction

Tables 8 – 8c: Age-Adjusted Cancer Mortality Rates by Site, Race, Region and Jurisdiction

Table 9: Age-Adjusted Cancer Mortality Rates (Males) by Site, Race and Region

Table 10: Age-Adjusted Cancer Mortality Rates (Females) by Site, Race and Region

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The Southern Region is comprised of the counties listed below. Data for each county are found in the tables with the following corresponding letters:

<u>Jurisdiction</u>	<u>Table Suffix</u>
Calvert County	a
Charles County	b
St. Mary's County	c





## Southern Region

**Table 1**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Southern Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	1,049	417.9	392.3	444.9
Major Sites:	1,028			
Oral Cavity and Pharynx	22	**	**	**
Esophagus	10	**	**	**
Stomach	12	**	**	**
Colon and Rectum	113	45.7	37.6	55.3
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	17	**	**	**
Larynx	13	**	**	**
Lung and Bronchus	161	68.4	58.1	80.2
Bones and Joints	≤5	**	**	**
Soft Tissue	7	**	**	**
Melanomas of the Skin	36	12.3	8.5	17.6
Breast	146	54.8	46.0	65.0
Cervix	17			
Uterus	29			
Ovary	16			
Prostate	186			
Testis	≤5			
Urinary Bladder	49	19.3	14.2	25.9
Kidney and Renal Pelvis	18	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	12	**	**	**
Thyroid	28	8.9	5.8	13.4
Leukemias	18	**	**	**
Hodgkin's Disease	8	**	**	**
Non-Hodgkin's Lymphomas	44	16.7	12.0	22.8
Multiple Myeloma	16	**	**	**
Unknown Primary/Other/III Defined Sites	33	12.2	8.3	17.5

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Calvert County**

**Table 1a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Calvert County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	306	435.5	386.7	489.8
Major Sites:	301			
Oral Cavity and Pharynx	10	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	30	44.2	29.6	64.8
Liver and Intrahepatic Bile Duct	0	**	**	**
Pancreas	9	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	48	73.4	53.8	98.9
Bones and Joints	0	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	38	51.3	35.8	72.7
Cervix	7			
Uterus	8			
Ovary	6			
Prostate	50			
Testis	≤5			
Urinary Bladder	17	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	6	**	**	**
Thyroid	≤5	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	17	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Charles County**

**Table 1b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Charles County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	427	430.2	389.0	474.9
Major Sites:	415			
Oral Cavity and Pharynx	8	**	**	**
Esophagus	≤5	**	**	**
Stomach	8	**	**	**
Colon and Rectum	46	46.4	33.7	62.8
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	6	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	56	62.1	46.6	81.4
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	71	67.7	52.3	86.7
Cervix	7			
Uterus	11			
Ovary	≤5			
Prostate	91			
Testis	≤5			
Urinary Bladder	14	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	12	**	**	**
Leukemias	6	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	14	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**St. Mary's County**

**Table 1c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**St. Mary's County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	316	388.6	346.0	435.4
Major Sites:	312			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	37	45.5	31.8	63.7
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	57	71.6	54.1	93.5
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	14	**	**	**
Breast	37	42.4	29.6	59.5
Cervix	≤5			
Uterus	10			
Ovary	≤5			
Prostate	45			
Testis	≤5			
Urinary Bladder	18	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	12	**	**	**
Leukemias	9	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**
Multiple Myeloma	8	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

# Southern Region

**Table 2**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Southern Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	575	509.8	467.9	554.7	474	344.1	312.7	378.2
Major Sites:	562				466			
Oral Cavity and Pharynx	12	**	**	**	10	**	**	**
Esophagus	9	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	7	**	**	**
Colon and Rectum	64	57.5	44.0	74.1	49	35.3	25.9	47.5
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	10	**	**	**	7	**	**	**
Larynx	8	**	**	**	≤5	**	**	**
Lung and Bronchus	99	91.1	73.8	111.5	62	49.3	37.6	64.0
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	24	**	**	**	12	**	**	**
Breast	≤5	**	**	**	145	104.7	87.7	124.3
Cervix					17	**	**	**
Uterus					29	24.4	16.1	35.6
Ovary					16	**	**	**
Prostate	186	173.7	149.1	201.4				
Testis	≤5	**	**	**				
Urinary Bladder	36	31.8	22.1	44.7	13	**	**	**
Kidney and Renal Pelvis	11	**	**	**	7	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	7	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	24	**	**	**
Leukemias	12	**	**	**	6	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	27	22.4	14.5	33.5	17	**	**	**
Multiple Myeloma	10	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**	14	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Calvert County**

**Table 2a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Calvert County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	174	551.3	470.3	644.2	132	338.9	281.4	407.3
Major Sites:	169				132			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	18	**	**	**	12	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	6	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	32	106.8	72.7	153.5	16	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	6	**	**	**	7	**	**	**
Breast	0	**	**	**	38	98.7	68.8	140.3
Cervix					7	**	**	**
Uterus					8	**	**	**
Ovary					6	**	**	**
Prostate	50	166.2	122.2	222.7				
Testis	≤5	**	**	**				
Urinary Bladder	12	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Charles County**

**Table 2b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Charles County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	227	515.5	448.1	591.7	200	362.9	312.4	420.3
Major Sites:	222				193			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	25	**	**	**	21	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	33	79.3	53.9	114.2	23	**	**	**
Bones and Joints	≤5	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	6	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	70	126.1	97.2	162.1
Cervix					7	**	**	**
Uterus					11	**	**	**
Ovary					≤5	**	**	**
Prostate	91	221.2	176.9	274.7				
Testis	≤5	**	**	**				
Urinary Bladder	11	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	≤5	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	9	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**	7	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**St. Mary's County**

**Table 2c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, St. Mary's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	174	467.0	399.1	543.9	142	327.3	274.1	388.9
Major Sites:	171				141			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	21	**	**	**	16	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	34	90.6	62.6	127.9	23	**	**	**
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	12	**	**	**	≤5	**	**	**
Breast	0	**	**	**	37	83.5	58.1	117.4
Cervix					≤5	**	**	**
Uterus					10	**	**	**
Ovary					≤5	**	**	**
Prostate	45	127.8	92.7	172.4				
Testis	≤5	**	**	**				
Urinary Bladder	13	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	≤5	**	**	**
Brain and Other Nervous System	0	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	11	**	**	**
Leukemias	6	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**	6	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.



# Southern Region

**Table 3**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Southern Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	831	433.5	403.6	465.2	172	322.6	275.6	375.8
Major Sites:	817				166			
Oral Cavity and Pharynx	16	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	7	**	**	**	≤5	**	**	**
Colon and Rectum	87	46.2	36.8	57.5	21	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	14	**	**	**	≤5	**	**	**
Larynx	10	**	**	**	≤5	**	**	**
Lung and Bronchus	137	76.2	63.7	90.6	21	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	34	15.3	10.4	22.2	≤5	**	**	**
Breast	117	58.2	47.8	70.5	24	**	**	**
Cervix	12				≤5			
Uterus	25				≤5			
Ovary	13				≤5			
Prostate	135				37			
Testis	≤5				0			
Urinary Bladder	43	21.7	15.6	29.8	≤5	**	**	**
Kidney and Renal Pelvis	16	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	11	**	**	**	≤5	**	**	**
Thyroid	24	**	**	**	≤5	**	**	**
Leukemias	16	**	**	**	≤5	**	**	**
Hodgkin's Disease	7	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	32	15.8	10.7	22.9	10	**	**	**
Multiple Myeloma	11	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Calvert County**

**Table 3a**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Calvert County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	245	459.1	401.7	524.0	46	300.0	218.6	405.0
Major Sites:	242				44			
Oral Cavity and Pharynx	7	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	0	**	**	**
Colon and Rectum	25	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	8	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	44	88.8	64.1	121.8	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	12	**	**	**	0	**	**	**
Breast	30	54.9	36.5	81.6	6	**	**	**
Cervix	7				0			
Uterus	8				0			
Ovary	≤5				0			
Prostate	32				9			
Testis	≤5				0			
Urinary Bladder	15	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	9	**	**	**	7	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Charles County**

**Table 3b**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Charles County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	314	432.9	384.4	486.3	89	380.6	304.2	471.7
Major Sites:	307				85			
Oral Cavity and Pharynx	8	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	32	43.7	29.5	63.2	10	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	42	63.3	45.2	87.0	11	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	8	**	**	**	≤5	**	**	**
Breast	54	71.6	53.0	95.5	14	**	**	**
Cervix	≤5				≤5			
Uterus	8				≤5			
Ovary	≤5				≤5			
Prostate	68				20			
Testis	≤5				0			
Urinary Bladder	12	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	9	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	10	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**St. Mary's County**

**Table 3c**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, St. Mary's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	272	415.3	366.2	469.8	37	256.1	179.5	357.2
Major Sites:	268				37			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	30	46.2	30.8	67.5	6	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	51	80.5	59.7	107.0	6	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	0	**	**	**
Melanomas of the Skin	14	**	**	**	0	**	**	**
Breast	33	46.3	31.6	66.7	≤5	**	**	**
Cervix	≤5				0			
Uterus	9				≤5			
Ovary	≤5				0			
Prostate	35				8			
Testis	≤5				0			
Urinary Bladder	16	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	7	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	12	**	**	**	0	**	**	**
Leukemias	8	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	13	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	0	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Southern Region**

**Table 4**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Southern Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	448	513.5	465.8	565.2	100	437.2	354.8	534.5
Major Sites:	438				97			
Oral Cavity and Pharynx	10	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	48	56.2	41.1	75.5	13	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	8	**	**	**	≤5	**	**	**
Larynx	6	**	**	**	≤5	**	**	**
Lung and Bronchus	83	100.2	79.5	125.0	13	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	23	**	**	**	≤5	**	**	**
Breast	≤5	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	135	166.3	139.0	197.6	37	167.9	117.9	233.3
Testis	≤5	**	**	**	0	**	**	**
Urinary Bladder	31	35.1	23.6	50.7	≤5	**	**	**
Kidney and Renal Pelvis	9	**	**	**	≤5	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	6	**	**	**	≤5	**	**	**
Thyroid	≤5	**	**	**	0	**	**	**
Leukemias	11	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	20	**	**	**	7	**	**	**
Multiple Myeloma	7	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Southern Region**

**Table 5**  
**Number of Cancer Cases, Age-Adjusted Incidence Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Southern Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	383	371.6	333.7	413.2	72	231.9	180.4	294.8
Major Sites:	379				69			
Oral Cavity and Pharynx	6	**	**	**	≤5	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	39	37.2	26.1	52.2	8	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	6	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	54	56.6	42.1	75.1	8	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	11	**	**	**	0	**	**	**
Breast	116	113.0	92.6	137.3	24	**	**	**
Cervix	12	**	**	**	≤5	**	**	**
Uterus	25	**	**	**	≤5	**	**	**
Ovary	13	**	**	**	≤5	**	**	**
Prostate								
Testis								
Urinary Bladder	12	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	7	**	**	**	0	**	**	**
Eye	≤5	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	21	**	**	**	≤5	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	12	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Cancer Registry.

**Southern Region**

**Table 6**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Southern Region, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	433	177.7	161.0	195.8
Major Sites:	427			
Oral Cavity and Pharynx	7	**	**	**
Esophagus	9	**	**	**
Stomach	9	**	**	**
Colon and Rectum	50	20.9	15.4	27.8
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	16	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	133	56.6	47.2	67.4
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	28	10.9	7.2	16.2
Cervix	≤5			
Uterus	7			
Ovary	13			
Prostate	30			
Testis	0			
Urinary Bladder	6	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	10	**	**	**
Thyroid	0	**	**	**
Leukemias	16	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	20	**	**	**
Multiple Myeloma	11	**	**	**
Unknown Primary/Other/III Defined Sites	34	13.7	9.4	19.5

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Calvert County**

**Table 6a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Calvert County, 1998**

	Count	Rate	Lower CI	Upper CI
All Sites	117	171.0	140.9	206.9
Major Sites:	117			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**
Pancreas	9	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	34	50.9	35.1	72.8
Bones and Joints	0	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	≤5	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	≤5			
Prostate	9			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	≤5	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Charles County**

**Table 6b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**Charles County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	199	209.7	181.0	242.2
Major Sites:	194			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	20	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**
Pancreas	≤5	**	**	**
Larynx	0	**	**	**
Lung and Bronchus	66	72.5	55.8	93.1
Bones and Joints	≤5	**	**	**
Soft Tissue	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	12	**	**	**
Cervix	≤5			
Uterus	≤5			
Ovary	≤5			
Prostate	16			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	8	**	**	**
Hodgkin's Disease	≤5	**	**	**
Non-Hodgkin's Lymphomas	8	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**St. Mary's County**

**Table 6c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and**  
**95% Confidence Intervals (CI) By Major Site, All Races, Both Sexes**  
**St. Mary's County, 1998**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
All Sites	117	146.4	120.6	176.5
Major Sites:	116			
Oral Cavity and Pharynx	≤5	**	**	**
Esophagus	≤5	**	**	**
Stomach	≤5	**	**	**
Colon and Rectum	14	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**
Pancreas	≤5	**	**	**
Larynx	≤5	**	**	**
Lung and Bronchus	33	42.4	29.0	60.4
Bones and Joints	0	**	**	**
Soft Tissue	0	**	**	**
Melanomas of the Skin	≤5	**	**	**
Breast	11	**	**	**
Cervix	0			
Uterus	≤5			
Ovary	≤5			
Prostate	≤5			
Testis	0			
Urinary Bladder	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**
Eye	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**
Thyroid	0	**	**	**
Leukemias	6	**	**	**
Hodgkin's Disease	0	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**
Multiple Myeloma	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

# Southern Region

**Table 7**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Southern Region, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	232	213.1	186.0	243.2	201	151.4	130.5	175.0
Major Sites:	231				196			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	9	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	23	**	**	**	27	19.0	12.3	28.5
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	8	**	**	**	8	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	79	72.8	57.4	91.4	54	44.5	33.2	58.8
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	6	**	**	**	≤5	**	**	**
Breast	0	**	**	**	28	20.5	13.4	30.6
Cervix					≤5	**	**	**
Uterus					7	**	**	**
Ovary					13	**	**	**
Prostate	30	30.3	20.4	43.6				
Testis	0	**	**	**				
Urinary Bladder	6	**	**	**	0	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	7	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	8	**	**	**	8	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	16	**	**	**	≤5	**	**	**
Multiple Myeloma	6	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	18	**	**	**	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Calvert County**

**Table 7a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Calvert County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	61	198.8	151.1	258.7	56	148.9	111.3	197.9
Major Sites:	61				56			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	≤5	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	≤5	**	**	**
Lung and Bronchus	18	**	**	**	16	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	0	**	**	**	≤5	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					5	**	**	**
Prostate	9	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Charles County**

**Table 7b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, Charles County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	111	267.9	218.8	326.2	88	166.9	132.9	208.1
Major Sites:	110				84			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	12	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	40	95.3	67.3	132.8	26	55.6	36.0	83.0
Bones and Joints	0	**	**	**	≤5	**	**	**
Soft Tissue	≤5	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	12	**	**	**
Cervix					≤5	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	16	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	≤5	**	**	**
Non-Hodgkin's Lymphomas	6	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**St. Mary's County**

**Table 7c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Gender, All Races, St. Mary's County, 1998**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	60	163.2	124.2	211.4	57	136.5	102.2	179.6
Major Sites:	60				56			
Oral Cavity and Pharynx	0	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	6	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	≤5	**	**	**
Lung and Bronchus	21	**	**	**	12	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	≤5	**	**	**
Breast	0	**	**	**	11	**	**	**
Cervix					0	**	**	**
Uterus					≤5	**	**	**
Ovary					≤5	**	**	**
Prostate	≤5	**	**	**				
Testis	0	**	**	**				
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	0	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	6	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	≤5	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Southern Region**

**Table 8**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Southern Region, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	330	177.0	157.9	197.9	99	186.5	151.2	228.1
Major Sites:	326				97			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	8	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	7	**	**	**
Colon and Rectum	38	20.6	14.5	28.8	10	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	13	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	109	60.8	49.7	73.9	23	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	9	**	**	**	0	**	**	**
Breast	18	**	**	**	10	**	**	**
Cervix	≤5				0			
Uterus	7				0			
Ovary	9				≤5			
Prostate	23				7			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	6	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	9	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	12	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	16	**	**	**	≤5	**	**	**
Multiple Myeloma	7	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Calvert County**

**Table 8a**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Calvert County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	90	171.7	137.3	213.9	26	169.1	109.7	252.7
Major Sites:	90				26			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	11	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	7	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	30	59.4	39.8	87.3	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	≤5	**	**	**	≤5	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	7				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	0	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



**Charles County**

**Table 8b**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, Charles County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	147	210.1	176.5	248.8	50	220.1	162.5	292.7
Major Site:	144				48			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	0	**	**	**
Stomach	0	**	**	**	≤5	**	**	**
Colon and Rectum	14	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	≤5	**	**	**
Pancreas	≤5	**	**	**	≤5	**	**	**
Larynx	0	**	**	**	0	**	**	**
Lung and Bronchus	51	76.0	56.1	101.4	15	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	7	**	**	**	≤5	**	**	**
Cervix	≤5				0			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	13				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	7	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**St. Mary's County**

**Table 8c**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Both Sexes, St. Mary's County, 1998**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	93	145.9	117.1	180.3	23	**	**	**
Major Sites:	92				23			
Oral Cavity and Pharynx	≤5	**	**	**	0	**	**	**
Esophagus	≤5	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	13	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	0	**	**	**
Pancreas	≤5	**	**	**	0	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	28	45.3	29.8	66.6	≤5	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	0	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	8	**	**	**	≤5	**	**	**
Cervix	0				0			
Uterus	≤5				0			
Ovary	≤5				≤5			
Prostate	≤5				≤5			
Testis	0				0			
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	0	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Southern Region**

**Table 9**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Males, Southern Region, 1998**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	176	208.8	178.4	243.3	52	227.6	169.1	301.2
Major Sites:	176				51			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	8	**	**	**	≤5	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	15	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	≤5	**	**	**	0	**	**	**
Pancreas	7	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	66	79.1	60.8	101.5	12	**	**	**
Bones and Joints	0	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	6	**	**	**	0	**	**	**
Breast	0	**	**	**	0	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	23	**	**	**	7	**	**	**
Testis	0	**	**	**	0	**	**	**
Urinary Bladder	≤5	**	**	**	≤5	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	≤5	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	≤5	**	**	**	≤5	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	7	**	**	**	≤5	**	**	**
Hodgkin's Disease	0	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	12	**	**	**	≤5	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.

**Southern Region**

**Table 10**  
**Number of Cancer Deaths, Age-Adjusted Mortality Rates\* and 95% Confidence Intervals (CI)**  
**By Major Site and Race, Females, Southern Region, 1998**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	154	154.9	130.4	183.2	47	153.8	112.2	207.1
Major Sites:	150				46			
Oral Cavity and Pharynx	≤5	**	**	**	≤5	**	**	**
Esophagus	0	**	**	**	0	**	**	**
Stomach	≤5	**	**	**	≤5	**	**	**
Colon and Rectum	23	**	**	**	≤5	**	**	**
Liver and Intrahepatic Bile Duct	0	**	**	**	≤5	**	**	**
Pancreas	6	**	**	**	≤5	**	**	**
Larynx	≤5	**	**	**	0	**	**	**
Lung and Bronchus	43	47.4	33.9	65.1	11	**	**	**
Bones and Joints	≤5	**	**	**	0	**	**	**
Soft Tissue	0	**	**	**	≤5	**	**	**
Melanomas of the Skin	≤5	**	**	**	0	**	**	**
Breast	18	**	**	**	10	**	**	**
Cervix	≤5	**	**	**	0	**	**	**
Uterus	7	**	**	**	0	**	**	**
Ovary	9	**	**	**	≤5	**	**	**
Prostate								
Testis								
Urinary Bladder	0	**	**	**	0	**	**	**
Kidney and Renal Pelvis	≤5	**	**	**	0	**	**	**
Eye	0	**	**	**	0	**	**	**
Brain and Other Nervous System	7	**	**	**	0	**	**	**
Thyroid	0	**	**	**	0	**	**	**
Leukemias	≤5	**	**	**	≤5	**	**	**
Hodgkin's Disease	≤5	**	**	**	0	**	**	**
Non-Hodgkin's Lymphomas	≤5	**	**	**	0	**	**	**
Multiple Myeloma	≤5	**	**	**	≤5	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	≤5	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

\*\*Rates based on cells with 25 or fewer cases are not presented.

Cells with 5 or fewer cases are not presented.

Source: Maryland Division of Health Statistics.



## VII. APPENDICES





## A. CODE OF MARYLAND REGULATIONS

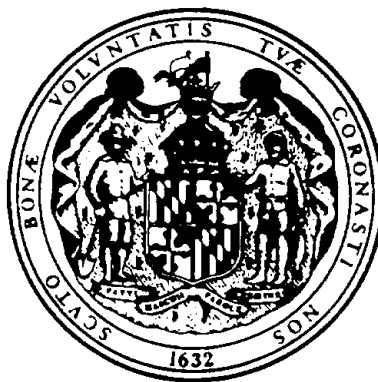




**Department of Health and Mental Hygiene**

**CODE OF MARYLAND REGULATIONS  
10.14.01**

**Cancer Registry**



201 West Preston Street  
Baltimore, Maryland 21201

November, 1997

**Title 10**  
**DEPARTMENT OF HEALTH AND MENTAL HYGIENE**  
**Subtitle 14  CANCER CONTROL**

**Chapter 01  Cancer Registry**

Authority: Health-General Article, §§18-203 and 18-204, Annotated Code of Maryland

**.01 Scope.**

These regulations define key terms, detail the information to be contained in a cancer report, and specify requirements of reporting facilities. In addition, these regulations identify requestors authorized to receive confidential data and allow a fee to be charged for data reports. An annual report shall be submitted by the Secretary to the Governor and the General Assembly.

**.02 Definitions.**

A. In this chapter, the following terms have the meanings indicated.

B. Terms Defined.

(1) "Cancer registry" means a computerized system to register all cases of reportable human cancer of Maryland residents, or nonresidents diagnosed or treated in Maryland.

(2) "Cancer report" means a one-time abstract from one or more of the following documents maintained by a reporting facility of each new case of reportable human cancer diagnosed or treated, and any other case of reportable human cancer initially diagnosed or treated for time periods as designated by the Secretary:

- (a) Medical record;
- (b) Pathology report; and
- (c) Radiological report.

(3) "Case of reportable human cancer" means the identification of a human cancer from the following list, which includes codes from the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and the International Classification of Diseases for Oncology, Second Edition (ICD-O-2):

(a) All malignant neoplasms (ICD-9-CM Codes 140.0—208.9 and ICD-O-2 behavior code of "3") excluding the following basal and

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squamous cell carcinomas of the skin (the topography term "skin" is defined as ICD-O-2 topography codes C44.0—C44.9) with a behavior code of "3" (malignant) for the ICD-O-2 morphology numbers listed, except that these lesions are reportable for skin of the genital sites of the vagina, clitoris, vulva, prepuce, penis, and scrotum (ICD-9-CM Codes 184.0—184.4, 187.1, 187.4, and 187.7 and ICD-0-2 topography codes C51.0—C51.9, C52.9, C60.0, C60.9, and C63.2):

- (i) M-8000—8004 Neoplasms, malignant, NOS of skin,
- (ii) M-8010—8045 Epithelial carcinomas of skin,
- (iii) M-8050—8082 Papillary and squamous cell carcinomas of skin, and
- (iv) M-8090—8110 Basal cell carcinomas;

(b) All cases of carcinoma in situ (ICD-9-CM Codes 230.0—234.9 and ICD-O-2 behavior code of "2"), excluding the following basal and squamous cell carcinomas in situ of the skin (the topography term "skin" is defined as ICD-0-2 topography codes C44.0—C44.9) with a behavior code of "2" (in situ) for the ICD-0-2 morphology numbers listed, except that these lesions are reportable for skin of the genital sites of the vagina, clitoris, vulva, prepuce, penis, and scrotum (ICD-9-CM Codes 233.2, 233.5, and 233.6, and ICD-0-2 topography codes C51.0—C51.9, C52.9, C60.0, C60.9, and C63.2):

- (i) M-8000—8004 Neoplasms, malignant, NOS of skin,
- (ii) M-8010—8045 Epithelial carcinomas of skin,
- (iii) M-8050—8082 Papillary and squamous cell carcinomas of skin, and
- (iv) M-8090—8110 Basal cell carcinomas;

(c) Borderline malignancies of the ovary (ICD-9-CM Codes 183.0 and 236.2);

(d) Neoplasms involving plasma cells as described in ICD-9-CM Code 238.6; or

(e) Histology report using the terminology of cervical CIS, CIN3, or any combination of them.

(4) "Computerized file" means an electronic data file using software approved for use by the Secretary, containing complete cancer report information transferable to a master electronic database system maintained by the Department.

(5) "Department" means the Department of Health and Mental Hygiene or a designee.

(6) "Freestanding ambulatory care facility" has the meaning stated in Health-General Article, §19-3B-01, Annotated Code of Maryland.

(7) "Freestanding laboratory" means a facility, place, establishment, or institution which performs a laboratory examination for a person, authorized by law to request the examination, in connection with the diagnosis of reportable human cancer, and licensed by the State pursuant to COMAR 10.10.01.04, and:

(a) Not under the administrative control of a hospital; or

(b) Under the administrative control of a hospital for a diagnosis of reportable human cancer of a nonhospitalized patient.

(8) "Freestanding therapeutic radiological center" means a facility, place, establishment, or institution performing radiological treatment for a person, authorized by law to request this treatment, in connection with a reportable human cancer, and licensed or registered by the State pursuant to COMAR 26.12.01.01, and not under the administrative control of a hospital.

(9) "Hospital" means a facility which is licensed by the State pursuant to COMAR 10.07.01.01.

(10) "Nonhospitalized patient not otherwise reported" means a patient diagnosed or treated for cancer in a physician's office without admission to a hospital or referral to a freestanding ambulatory care facility or freestanding therapeutic radiological center.

(11) "Physician" means an individual who practices medicine, as stated in Health Occupations Article, §14-101, Annotated Code of Maryland.

(12) "Reporting facility" means a hospital, freestanding laboratory, freestanding ambulatory care facility, or freestanding therapeutic radiological center.

(13) "Secretary" means the Secretary of Health and Mental Hygiene or a designee of the Secretary.

(14) "Tumor registry" means a data base of human cancer cases diagnosed or treated at a reporting facility.

**.03 Content of a Cancer Report.**

A cancer report shall contain:

- A. Reasonably obtained patient demographic information, including risk factors;
- B. Relevant information on the:
  - (1) Initial diagnosis,
  - (2) Initial treatment,
  - (3) Extent of the disease by the end of the first hospitalization using a standard nomenclature specified by the Secretary, and
  - (4) Extent of the disease within 2 months of diagnosis using a standard nomenclature specified by the Secretary if the information is available to the reporting facility and the reporting facility has a tumor registry;
- C. Facility and other provider identification information; and
- D. Other requirements as considered necessary by the Secretary.

**.04 Requirements of Reporting Facilities.**

The reporting facility shall submit a:

- A. Cancer report to the Secretary in a computerized file containing standard information required by the Secretary;
- B. Computerized file not less than quarterly; and
- C. Completed report of any new individual case of cancer not later than 6 months after diagnosis or treatment.

**.05 Confidentiality of Cancer Reports.**

A. Information obtained under Regulations .03 and .06 of this chapter is not a medical record under Health-General Article, §4-301, Annotated Code of Maryland, but is subject to the confidentiality requirements of Health-General Article, §4-101 et seq., Annotated Code of Maryland.

B. Confidential data may be released by the Secretary to:

- (1) An institution or individual researcher for medical, epidemiological, health care, or other cancer-related research approved by the Secretary, which will further the cancer control goals of the State;

(2) A reporting facility which:

(a) Routinely submits cancer patient information to the cancer registry,

(b) Has been formally accepted as a participant in the cancer registry system, and

(c) Requests routine data relating to patients of the facility;

(3) An out-of-State cancer registry or cancer control agency which requests routine data if the:

(a) Patient is a resident of the other state, and

(b) Other state has authority to provide equivalent information on Maryland residents to this State;

(4) Each county health officer and the Baltimore City Commissioner of Health; and

(5) Another governmental agency performing its lawful duties pursuant to State or federal law.

C. The Secretary shall release confidential data to a requestor in response to a written request only, in accordance with Health-General Article, §§4-101 and 4-102, Annotated Code of Maryland.

D. The release of confidential data is subject to a determination by the Secretary that a recipient of the information disclosed will maintain the confidentiality of the disclosure.

E. The summarization or aggregation of confidential records which does not disclose the identity of any person who is the subject of the confidential record is not subject to the provisions of Health-General Article, §4-101, Annotated Code of Maryland.

**.06 Authority and Requirements of the Secretary.**

A. To assure compliance by a reporting facility with Regulation .03 of this chapter, the Secretary may, upon advance notice, inspect a representative sample of medical records, pathology reports, or radiological reports maintained by a reporting facility, from which a cancer report should have been previously made.

B. The Secretary may charge a reasonable fee to cover the cost of providing data reports to appropriate requestors. All applicable fees shall be paid in full in advance of filling the request.

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C. After receiving all necessary information to support a request to release cancer registry data, the Secretary shall act in a timely manner and decide on the request with one of the following outcomes:

- (1) Final approval;
- (2) Interim approval, if the request has been accepted with one or more conditions which shall be met before final approval is granted; or
- (3) Disapproval.

D. The Secretary, in accordance with State Government Article, §2-1312, Annotated Code of Maryland, shall submit an annual report to the Governor and General Assembly on the activities of the cancer registry, including use of cancer registry data.

E. Nothing in this chapter is intended to limit or otherwise restrict the Secretary from obtaining cancer report information on Maryland residents from sources located either inside or outside the State.

### **Administrative History**

Effective date: September 28, 1992 (19:19 Md. R. 1707)

Regulation .01 amended effective April 21, 1997 (24:8 Md. R. 616)

Regulation .02B amended effective April 26, 1993 (20:8 Md. R. 723); April 21, 1997 (24:8 Md. R. 616)

Regulation .04 amended effective April 21, 1997 (24:8 Md. R. 616)







## B. SEER PRIMARY SITE GROUPINGS



**SEER Cancer Site Groupings based on International Classification of Disease for Oncology,  
Second Edition (ICD-O-2) Site and Morphology Codes**

<b>Major Sites</b>	<b>ICD-O-2 Site (C) / Morphology (M) Code</b>	<b>Excluding Morphology Codes</b>
Oral Cavity and Pharynx Esophagus Stomach Colon and Rectum Liver and Intrahepatic Bile Duct Pancreas	C000 - C148 C150 - C159 C160 - C169 C180 - C189, C260, C199, C209 C220 - C221 C250 - C259	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 Exclude Types M9590 - M9989
Larynx Lung and Bronchus	C320 - C329 C340 - C349	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989
Bones and Joints Soft Tissue Melanomas of the Skin Breast	C400 - C419 C380, C470 - C479, C490 - C499 C440 - C449 (M8720 - M879) C500 - C509	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 - Exclude Types M9590 - M9989
Cervix Uterus Ovary	C530 - C539 C540 - C549, C559 C569	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989 Exclude Types M9590 - M9989
Prostate Testis	C619 C620 - C629	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989
Urinary Bladder Kidney and Renal Pelvis	C670 - C679 C649, C659	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989
Eye Brain  Other Nervous System  Thyroid	C690 - C699 C710 - C719  C710 - C719 (M9530 - M9539), C700 - C709, C720 - C729 C739	Exclude Types M9590 - M9989 Exclude Types M9590 - M9989, M9530 - M9539 Exclude Types M9590 - M9989  Exclude Types M9590 - M9989
Leukemias     Hodgkin's Disease Non-Hodgkin's Lymphomas Multiple Myeloma	M9820 - M9826, M9828, M9860 - M9868, M9871 - M9874, M9890 - M9894, M9800 - M9804, M9841 - M9842, M9827, M9830, M9840, M9850, M9870, M9880 M9900, M9910, M9930 - M9941 M9650 - M9667 (All sites) M9590 - M9595, M9670 - M9715 (All sites) M9731 - M9732	- - - - - - - -
Ill defined and unspecified sites	M9720 - M9723, M9740, M9741, M9950 M9760 - M9764, M9950 - M9989 C760 - C768, C809 (M8000 - M9589) C420 - C424 (M8000 - M9589) C770 - C779 (M8000 - M9589)	- - - - -

Source: SEER Cancer Statistics Review





### C. MARYLAND POPULATION ESTIMATES, 1998



# ESTIMATED MARYLAND POPULATION BY GENDER, RACE, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1998

	All Genders	Males	Females	All Whites	White Males	White Females	All Blacks	Black Males	Black Females
<b>Maryland</b>	<b>5,130,072</b>	<b>2,492,276</b>	<b>2,637,796</b>	<b>3,485,711</b>	<b>1,716,745</b>	<b>1,768,966</b>	<b>1,426,478</b>	<b>670,752</b>	<b>755,726</b>
<b>Baltimore Metro Region</b>	<b>2,441,279</b>	<b>1,182,574</b>	<b>1,258,705</b>	<b>1,688,725</b>	<b>830,192</b>	<b>858,533</b>	<b>682,567</b>	<b>319,135</b>	<b>363,432</b>
Anne Arundel County	474,682	238,876	235,806	388,462	196,329	192,133	72,478	36,391	36,087
Baltimore City	645,664	301,246	344,418	205,023	98,299	106,724	430,092	197,645	232,447
Baltimore County	721,556	345,146	376,410	581,428	279,280	302,148	115,754	54,063	61,691
Carroll County	149,690	74,197	75,493	143,521	71,106	72,415	4,550	2,372	2,178
Harford County	214,569	106,303	108,266	185,852	92,734	93,118	23,752	11,436	12,316
Howard County	235,118	116,806	118,312	184,439	92,444	91,995	35,941	17,228	18,713
<b>Eastern Shore Region</b>	<b>379,763</b>	<b>186,185</b>	<b>193,578</b>	<b>290,285</b>	<b>143,361</b>	<b>146,924</b>	<b>85,996</b>	<b>41,053</b>	<b>44,943</b>
Caroline County	29,519	14,435	15,084	22,886	11,313	11,573	6,440	3,035	3,405
Cecil County	82,348	41,292	41,056	76,864	38,504	38,360	4,703	2,412	2,291
Dorchester County	29,584	14,036	15,548	18,993	9,179	9,814	10,361	4,739	5,622
Kent County	19,002	9,171	9,831	14,027	6,886	7,141	4,839	2,224	2,615
Queen Anne's County	39,692	19,679	20,013	33,399	16,739	16,660	6,027	2,821	3,206
Somerset County	24,252	13,084	11,168	12,744	6,644	6,100	11,329	6,340	4,989
Talbot County	33,154	15,811	17,343	25,091	12,092	12,999	7,859	3,609	4,250
Wicomico County	79,441	38,129	41,312	55,630	26,981	28,649	22,691	10,541	12,150
Worcester County	42,771	20,548	22,223	30,651	15,023	15,628	11,747	5,332	6,415
<b>National Capital Region</b>	<b>1,616,065</b>	<b>778,465</b>	<b>837,600</b>	<b>907,338</b>	<b>445,370</b>	<b>461,968</b>	<b>575,534</b>	<b>268,547</b>	<b>306,987</b>
Montgomery County	839,158	404,159	434,999	616,519	299,650	316,869	128,786	59,230	69,556
Prince George's County	776,907	374,306	402,601	290,819	145,720	145,099	446,748	209,317	237,431
<b>Northwest Region</b>	<b>415,503</b>	<b>206,049</b>	<b>209,454</b>	<b>385,595</b>	<b>189,339</b>	<b>196,256</b>	<b>24,549</b>	<b>14,177</b>	<b>10,372</b>
Allegany County	72,130	34,309	37,821	69,634	33,007	36,627	1,956	1,025	931
Frederick County	186,621	92,554	94,067	170,052	84,669	85,383	13,405	6,492	6,913
Garrett County	29,275	14,407	14,868	29,019	14,229	14,790	152	132	20
Washington County	127,477	64,779	62,698	116,890	57,434	59,456	9,036	6,528	2,508
<b>Southern Region</b>	<b>277,462</b>	<b>139,003</b>	<b>138,459</b>	<b>213,768</b>	<b>108,483</b>	<b>105,285</b>	<b>57,832</b>	<b>27,840</b>	<b>29,992</b>
Calvert County	71,757	35,849	35,908	56,268	28,380	27,888	14,695	7,113	7,582
Charles County	118,060	58,750	59,310	87,294	44,074	43,220	27,601	13,239	14,362
St Mary's County	87,645	44,404	43,241	70,206	36,029	34,177	15,536	7,488	8,048







#### D. 1970 AND 2000 US STANDARD POPULATIONS



The 1970 and Year 2000 U.S. Standard Populations		
	1,000,000 Population	
Age Group	1970	2000
Under 5	84,416	69,135
5-9	98,204	72,533
10-14	102,304	73,032
15-19	93,845	72,169
20-24	80,561	66,478
25-29	66,320	64,529
30-34	56,249	71,044
35-39	54,656	80,762
40-44	58,958	81,851
45-49	59,622	72,118
50-54	54,643	62,716
55-59	49,077	48,454
60-64	42,403	38,793
65-69	34,406	34,264
70-74	26,789	31,773
75-79	18,871	26,999
80-84	11,241	17,842
85+	7,435	15,508

Source: US Census Bureau

