

Maryland Department of Health & Mental Hygiene



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# Cancer in Maryland 1999 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

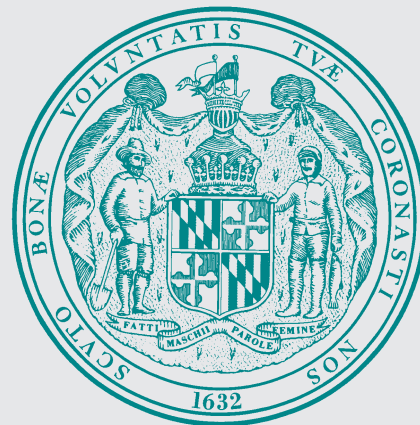
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## I. DATA HIGHLIGHTS





The Maryland Cancer Registry is pleased to present its eighth annual report, *Cancer in Maryland, 1999 Incidence & Mortality Report*. This is the first MCR annual report that provides cancer incidence and mortality rates age-adjusted using the recommended year 2000 standard population. Additional information on age-adjustment and the new population standard is included in this report.

Data presented includes 1999 age-adjusted rates and number of cancer cases and deaths by gender and race. 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

- A total of 23,267 new cases of invasive cancer were diagnosed among Maryland residents in 1999. The 1999 age-adjusted incidence rate using the new 2000 population standard for age adjustment is 476.8 new cases per 100,000 residents.
- Cancer incidence rates in Maryland have declined an average of 1.6% per year from 1995-1999. There was an average decrease of 2.4% per year in the overall cancer incidence rate among males and 1.0% per year among females from 1995 through 1999.
- Cancers of the breast, prostate, lung and bronchus, and colon and rectum account for 58.4% of all newly diagnosed cancers in Maryland in 1999.
- Prostate cancer is the most frequently diagnosed cancer among men. There were 3,869 newly diagnosed prostate cancers in 1999.
- Breast cancer was the most commonly diagnosed cancer among Maryland women. There were 3,714 newly diagnosed invasive female breast cancers in 1999.

### B. Mortality

- 10,096 Maryland residents died as a result of cancer in 1999. Cancer is the second leading cause of death in Maryland. The 1999 age-adjusted mortality rate using the new 2000 population standard for age adjustment is 211.7 cancer deaths per 100,000 residents.
- The overall cancer mortality rate has decreased an average of 2.0% per year from 1995 through 1999.
- Cancers of the lung and bronchus, colon and rectum, breast, and prostate account for nearly 52.1% of all cancer deaths in Maryland in 1999.
- Cancer of the lung and bronchus was the most common cause of cancer death among Maryland residents. There were 2,841 lung and bronchial cancer deaths in 1999, or about 28.1% of all cancer deaths. Cancer of the lung & bronchus was the leading cause of death among both men and women in 1999.
- Males had a significantly higher overall cancer mortality rate than females, and blacks had a significantly higher overall cancer mortality rate than whites in 1999.



## 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 non-hospitalized patients are not otherwise reported) to report cancer cases diagnosed and/or treated beginning with cases diagnosed January 1, 1999.

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. For the first time, age-adjusted rates are based on the year 2000 population standard. The effect of using the new standard on age-adjusted rates is discussed in Section G of the *Technical Notes*.

Detailed chapters are presented for all cancer sites combined and for the four major cancer sites: female breast, lung and bronchus, prostate, and colon and rectum. Finally, data tables include counts for major cancer sites, stage at diagnosis, and age-adjusted incidence and mortality rates (by site, gender, and race).



### 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 51 Maryland hospitals, 5 DC hospitals, 15 radiation therapy clinics, 30 hospital laboratories, 21 freestanding in-state diagnostic laboratories, 11 out-of-state laboratories, 32 ambulatory and surgical centers, 87 physicians, and 13 state central cancer registries. A total of 265 facilities reported cancers in 1999 compared to 147 the previous year. The increase in the number of reporting facilities is due to reporting by freestanding ambulatory care facilities, surgical centers, and physicians mandated to report cancer cases diagnosed and/or treated in Maryland as of January 1, 1999. This mandate increased the number of prostate cancers reported by 365 cases, the largest increase observed in any cancer site.

## B. Cancer Case Reporting Definition

Reportable cancers, according to Maryland law, are listed in Table 1. The 1999 incident cancers are classified according to the *International Classification of Disease Oncology Second Edition* (ICD-O-2) and the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding systems.

**Table 1. Reportable Cancers/Tumors in Maryland**

Cancers	ICD-O-2	ICD-9-CM
All cases of carcinoma, sarcoma, melanoma, leukemia, and lymphoma. (See exclusions below)	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. The 1999 data will be evaluated in 2002. Results will be included in the next annual report.

## 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 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. They consist of all invasive cancers (and in situ cancers of the urinary bladder) diagnosed in Maryland residents between January 1, 1999 and December 31, 1999 (and reported to the MCR as of December 31, 2001). 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, and gender. Except where noted, all incidence rates are age-adjusted using the 2000 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 1999 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 2000 standard million population.

### D. Population Data

Maryland population estimates used in this report (as of July 1, 1999) 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 1995 through 1999 is 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 MCR published rates ( $r$ ) using the calendar year as a regressor variable:  $y = mx + b$ , where  $y = \ln(r)$  and  $x = \text{calendar year (1995 through 1999)}$ . The  $EAPC = 100(e^m - 1)$ .

## F. Age-Adjustment

Age-adjustment is the process used to compare incidence and mortality rates over time, or among geographic areas or populations that have different age distributions. Because most disease rates increase tremendously with increasing age, age-adjustment eliminates the confounding effect of age when comparing rates.

## G. Introduction to the Year 2000 Population Standard

Federal agencies have adopted the year 2000 projected U.S. population as the new standard for age-adjusting incidence and mortality rates, beginning with data year 1999. The year 2000-population standard replaces at least three different population standards used in earlier years. The use of 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.

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.

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.

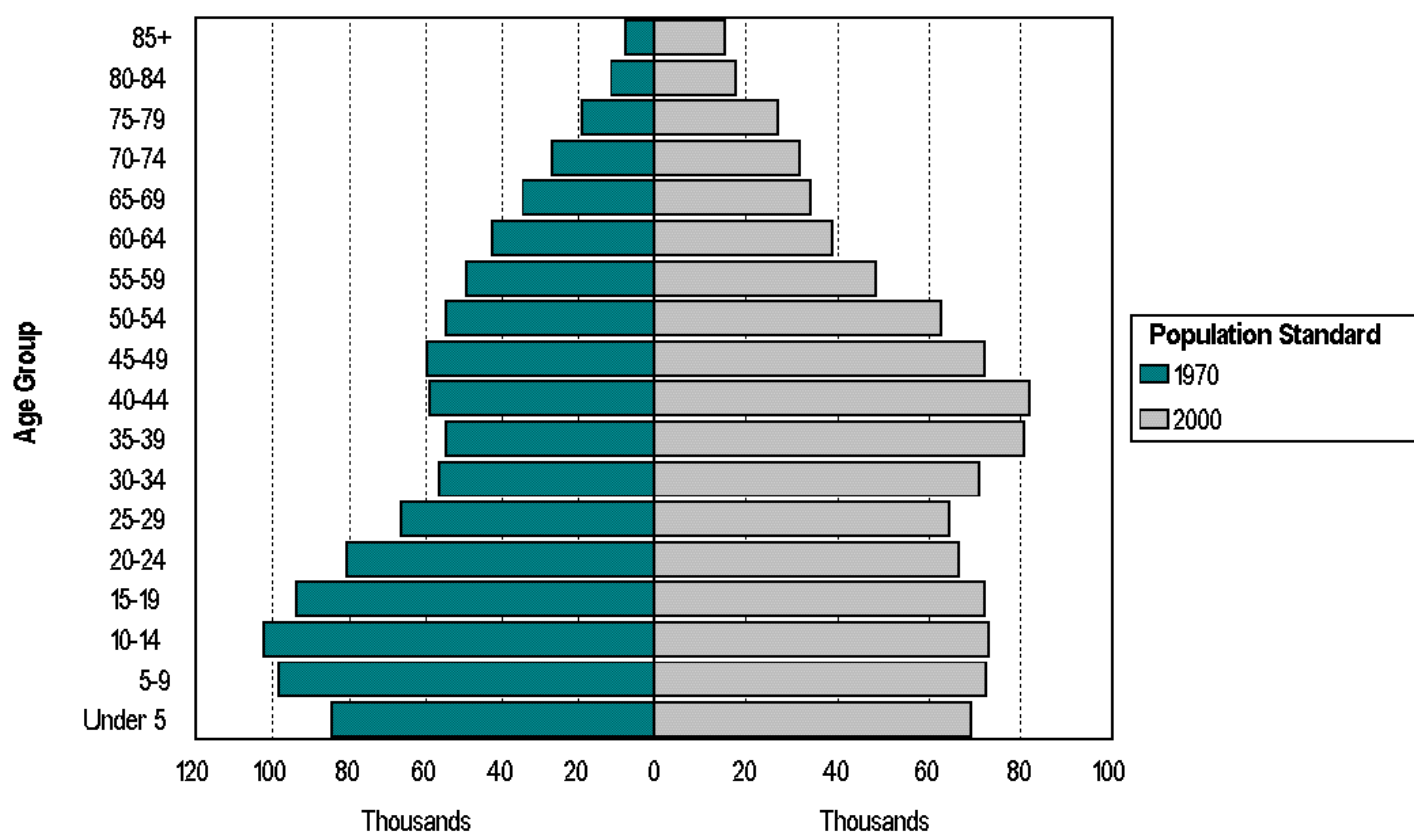
The actual temperature remains constant and is not dependent on the definition used.

All 1999 incidence and mortality rates are adjusted using the 2000 U.S. standard population by the direct method unless otherwise specified, and are presented as number of cancers per 100,000 population.

Table 2 compares the age-adjusted cancer incidence rates in Maryland calculated over three years (1997-1999) using both the 1970 and the 2000 standard million populations for age adjustment. Age-adjusted cancer mortality rates using the two different standards are presented in Table 3. Adjustment with the year 2000 standard population magnifies the rate, but trends remain the same. The age-adjusted cancer incidence rate for all sites combined decreased by 2.9% between 1997 and 1999 when using the 1970 standard population as compared to a decrease of 3.2% when using the year 2000 standard. The overall age-adjusted cancer mortality rate decreased by 2.1% between 1997 and 1999 when using the 1970 standard population and by 1.8% when using the year 2000 population as the standard for the age-adjustment.

The increase in the magnitude of the rates, when adjusting for age using the year 2000 standard compared to the 1970 standard, averages approximately 20% to 30%, with the increase being greater for cancers that are diagnosed mostly among the elderly.

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



Source: National Center for Health Statistics



**Table 2. Cancer Incidence Rates Age-Adjusted Using the 1970 and 2000 Standard Populations by Major Sites, All Races, Both Sexes, Maryland 1997-1999**

Cancer Site	Incidence					
	1970 Standard Population			2000 Standard Population		
	1997	1998	1999	1997	1998	1999
<b>All Sites</b>	433.3	407.8	404.3	515.0	484.0	476.8
Oral Cavity and Pharynx	10.2	9.6	9.7	11.9	11.1	10.9
Esophagus	4.4	4.8	5.1	5.1	5.6	5.9
Stomach	7.0	5.9	5.5	8.7	7.4	6.8
Colon and Rectum	48.6	46.6	42.8	61.2	58.1	53.3
Liver and Intrahepatic Bile Duct	3.7	3.7	3.3	4.6	4.5	4.0
Pancreas	9.7	8.7	8.3	12.1	11.0	10.2
Larynx	4.9	4.8	4.6	5.5	5.4	5.0
Lung and Bronchus	67.0	61.3	60.5	78.8	72.4	71.6
Bones and Joints	0.9	0.9	1.2	0.9	1.0	1.2
Soft Tissue	2.8	3.0	2.4	3.2	3.5	2.8
Melanomas of the Skin	14.1	12.9	14.8	16.8	15.2	17.5
Breast*	124.2	118.0	117.4	146.7	139.0	137.0
Cervix*	8.3	7.5	7.0	9.9	9.0	8.2
Uterus*	19.1	18.4	20.5	21.7	21.0	23.5
Ovary*	14.7	13.4	11.7	16.8	15.3	13.2
Prostate**	160.0	146.5	159.5	186.6	169.7	185.3
Testis**	4.3	3.9	4.2	5.1	4.3	4.7
Urinary Bladder	17.4	17.6	14.7	21.9	22.0	18.5
Kidney and Renal Pelvis	10.2	9.9	10.1	11.8	11.4	11.5
Eye	0.7	0.7	0.4	0.8	0.7	0.4
Brain and Other Nervous System	6.7	5.9	5.7	7.2	6.4	6.2
Thyroid	5.7	6.1	6.2	6.6	7.1	7.0
Leukemias	7.7	7.8	7.5	8.8	9.1	8.8
Hodgkins Disease	2.6	2.6	2.5	2.8	2.8	2.7
Non-Hodgkins Lymphomas	15.0	14.1	13.7	18.1	17.1	16.4
Multiple Myeloma	4.4	4.6	4.2	5.1	5.7	5.0
Unknown Primary/Other/III Defined Sites	13.6	11.4	11.6	17.5	14.6	14.5

Source: Maryland Cancer Registry

\* Rates calculated for females only.

\*\* Rates calculated for males only.

**Table 3. Cancer Mortality Rates Age-Adjusted Using the 1970 and 2000 Standard Populations by Major Sites, All Races, Both Sexes, Maryland 1997-1999**

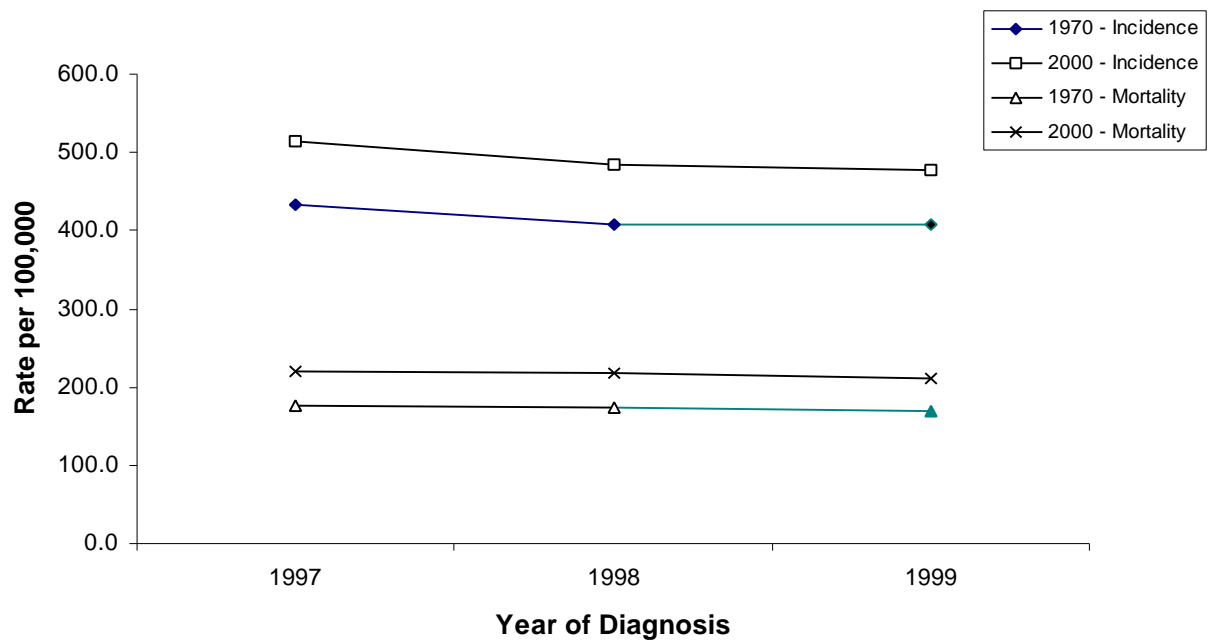
Cancer Site	Mortality			Mortality		
	1970 Standard Population			2000 Standard Population		
	1997	1998	1999	1997	1998	1999
<b>All Sites</b>	175.3	173.0	168.1	219.7	217.5	211.7
Oral Cavity and Pharynx	3.0	2.5	2.4	3.8	3.1	3.0
Esophagus	4.2	4.3	4.1	4.9	5.1	4.9
Stomach	4.5	4.2	3.6	5.8	5.4	4.7
Colon and Rectum	18.5	18.2	17.0	24.5	23.9	22.5
Liver and Intrahepatic Bile Duct	4.1	3.5	3.5	5.0	4.3	4.4
Pancreas	8.8	9.3	9.4	11.0	12.0	11.7
Larynx	1.4	1.4	1.6	1.6	1.6	1.9
Lung and Bronchus	51.3	52.2	48.8	61.4	62.9	59.4
Bones and Joints	0.4	0.3	0.3	0.4	0.4	0.3
Soft Tissue	1.2	1.4	1.3	1.4	1.7	1.5
Melanomas of the Skin	2.0	2.0	1.9	2.5	2.3	2.3
Breast*	25.4	24.7	23.2	31.1	30.6	28.5
Cervix*	2.9	2.2	2.3	3.5	2.7	2.8
Uterus*	3.7	2.8	3.8	4.7	3.6	4.6
Ovary*	7.4	8.6	6.4	9.0	10.3	7.8
Prostate**	25.2	24.4	22.7	37.9	36.1	34.1
Testis**	0.3	0.3	0.2	0.3	0.4	0.2
Urinary Bladder	3.4	3.8	3.6	4.7	5.3	4.9
Kidney and Renal Pelvis	3.3	3.2	2.9	4.2	3.9	3.5
Eye	0.0	0.1	0.1	0.0	0.1	0.1
Brain and Other Nervous System	3.9	3.8	3.5	4.5	4.4	3.9
Thyroid	0.3	0.3	0.3	0.4	0.4	0.4
Leukemias	5.8	6.0	5.7	7.3	7.7	7.2
Hodgkins Disease	0.5	0.3	0.5	0.6	0.4	0.6
Non-Hodgkins Lymphomas	6.5	6.4	6.5	8.3	8.1	8.5
Multiple Myeloma	3.4	3.4	3.9	4.2	4.3	4.7
Unknown Primary/Other/III Defined Sites	12.8	11.8	14.1	16.4	15.1	17.9

Source: Maryland Vital Statistics Administration

\* Rates calculated for females only.

\*\* Rates calculated for males only.

**Figure 2. Age-adjusted Incidence and Mortality Rates Comparing the 1970 and 2000 Standard Population for All Sites Combines, All Races, Both Sexes, Maryland 1997-1999**



Source: Maryland Cancer Registry, 1997-1999  
Vital Statistics Administration, 1997-1999

## 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 1999 incidence and mortality rates with 95% confidence intervals (95% CI) are compared to 1998 data from the SEER program.

The 1999 SEER data will not be available until 2002.

## I. Data Considerations

### 1. Case Reports

Beginning with January 1, 1999, additional cancer cases were also reported to the MCR by ambulatory care facilities, surgical centers, and physicians. The additional reporting results in an observed increase in the number of cancers reported in 1999 (23,267) compared to the number of cancers reported in 1998 (23,258). The largest increase is observed for prostate cancer.

### 2. Race

Race-specific rates for 1999 data 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 1995 to 1999, incidence rates for whites are compared with incidence rates for non-whites.

In 1999, there were 555 cases coded as "unknown race" in the incidence database. More than half of the new cases with missing racial information was 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 physicians' offices.

### 3. Hispanic Ethnicity

Information on Hispanic ethnicity has not been consistently reported to the MCR and is not included in this report. For the 1999 incidence data, information on ethnicity was reported for 75.6% of the cases and 99% of those were reported to be of non-Hispanic origin.

### 4. Age at Diagnosis

Thirteen (13) records are missing age in the 1999 incidence database. These cases are not used in the calculation of age-adjusted incidence rates. Excluding these cases does not significantly affect the incidence rates presented in this report.

### 5. Gender

There are three cases coded with either a *missing* or *other* gender in the 1999 database. Excluding these cases does not significantly affect the calculation on sex-specific rates presented in this report.

### 6. Stage at Diagnosis

The percent of cancers with unknown stage at the time of diagnosis differs by 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 distributed differentially among racial groups.

### 7. Data Tables

The data tables present 1999 cancer incidence and mortality information for the State of Maryland, the five Maryland regions and 24 jurisdictions. The regions and their respective jurisdictions are defined at the beginning of each

Regional Section. The tables must be reviewed with caution. Small numbers in several categories are subject to variation, especially when viewing rare cancers. Confidence intervals are included to help guide interpretation.

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.

## V. STATEWIDE INCIDENCE AND MORTALITY OVERVIEW



## A. ALL SITES COMBINED

### 1. Incidence (New Cases) Overview

A total of 23,267 cancers were diagnosed among Maryland residents in 1999 (Table 4). The State's age-adjusted incidence rate for all cancer sites combined is 476.8 cases per 100,000 (470.7- 483.0, 95% CI). The state's age-adjusted cancer incidence rate is not significantly different from the 1998 SEER (U.S. proxy) rate of 471.4 cases per 100,000 (468.7- 474.2, 95% CI). The cancer incidence rate in Maryland has declined an average of 1.6% per year between 1995 and 1999.

**Table 4. New Cancer Cases and Age-Adjusted Cancer Incidence Rates per 100,000 population  
All Cancer Sites Combined by Gender and Race, Maryland 1999 and SEER, 1998.**

	Total		Males		Females	
Race	Cases	Rate <sup>1</sup>	Cases	Rate <sup>1</sup>	Cases	Rate <sup>1</sup>
MD White	17,093	463.7	8,651	536.7	8,440	417.0
MD Black	4,807	468.1	2,497	595.4	2,310	382.1
MD Other	592	370.2	296	437.3	295	320.3
<b>MD Total</b>	<b>23,267</b>	<b>476.8</b>	<b>11,964</b>	<b>569.3</b>	<b>11,300</b>	<b>414.8</b>
<b>SEER</b>	<b>-</b>	<b>471.4</b>	<b>-</b>	<b>544.4</b>	<b>-</b>	<b>424.1</b>

<sup>1</sup>. Age-adjusted using the 2000 US Standard Population.

Source: Maryland Cancer Registry, 1999.

National Cancer Institute, SEER Program, 1973-1998.

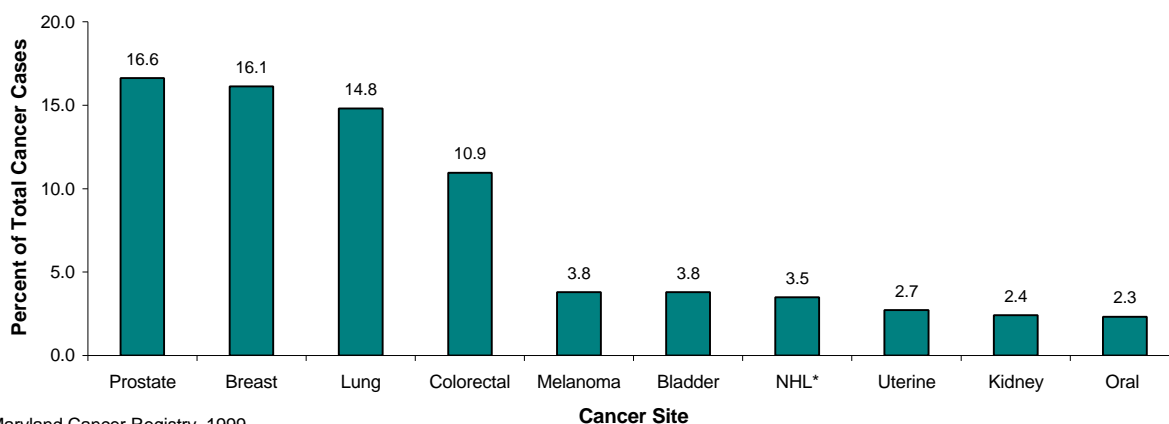
### 2. Most Frequently Diagnosed New Cancers

The distribution of new cancer cases in Maryland (Figure 3) is similar to the distribution of cancer in the US. Of all new cases, 16.6% (3,869) are prostate cancers, 16.1% (3,752) are breast cancers, 14.8% (3,447) are cancers of the lung and bronchus, and 10.9% (2,547) are cancers of the colon and rectum. Cancers of the breast account for 32.9% of newly diagnosed cancers among women, and prostate cancer accounts for 32.3% of newly diagnosed cancers among men. The ten most frequently diagnosed cancers in Maryland are presented in Figure 3. These cancers account for over 76.9% of the new cases diagnosed in 1999.

The most frequently diagnosed cancers differ by age group (Figure 4). Leukemias (N=43) and central nervous system (including brain) tumors (N=41) are the most common cancers diagnosed among persons between the ages of 0 to 19 years (19.0% and 18.1%, respectively). Breast cancer is the most frequently diagnosed cancer among Maryland residents between the ages of 20 and 49 years (945 cases or 27.2%). Among individuals age 50 years and older, cancers of the prostate, lung and bronchus, breast, and colon and rectum are the most frequently diagnosed.



**Figure 3. Ten Most Frequently Diagnosed Cancers, by Rank and Percent of Total Cancers, All Races, Both Sexes, Maryland 1999**

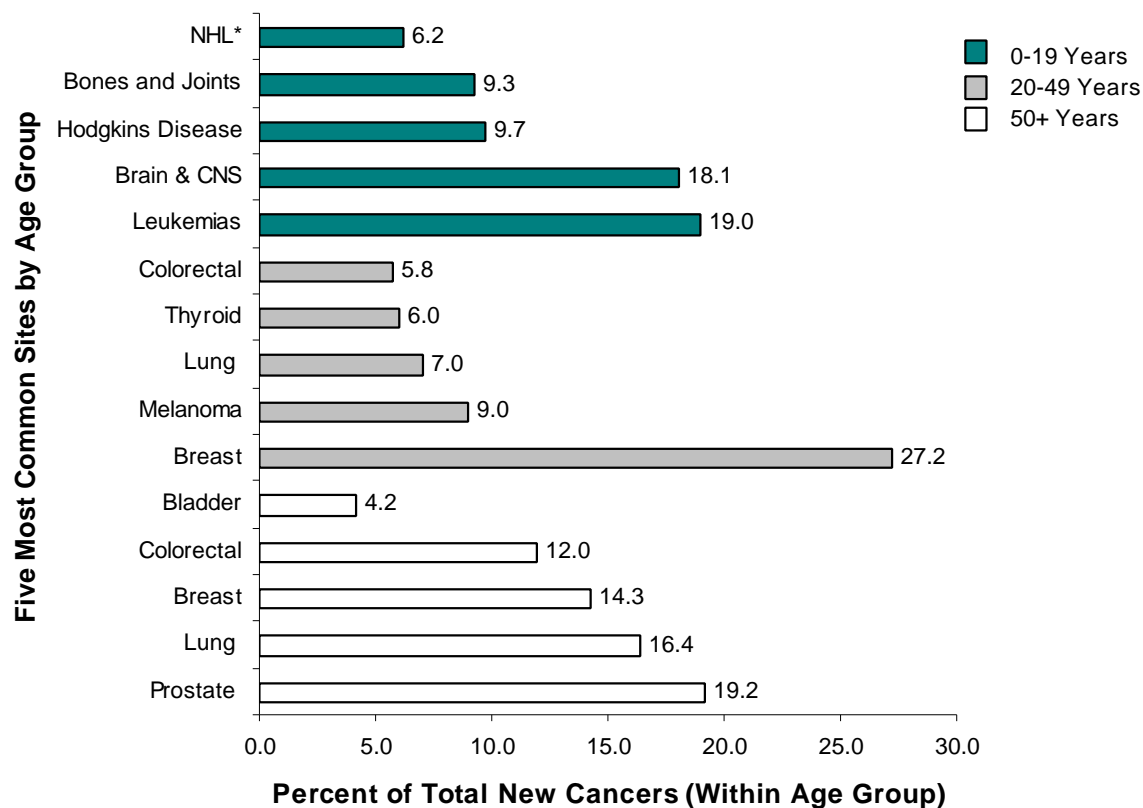


Maryland Cancer Registry, 1999

Total Cancer Cases = 23,267

\* NHL = Non-Hodgkin's Lymphoma

**Figure 4. Five Most Frequently Diagnosed Cancers by Percent of Total (Within Group), All Races, Both Sexes, Maryland, 1999**

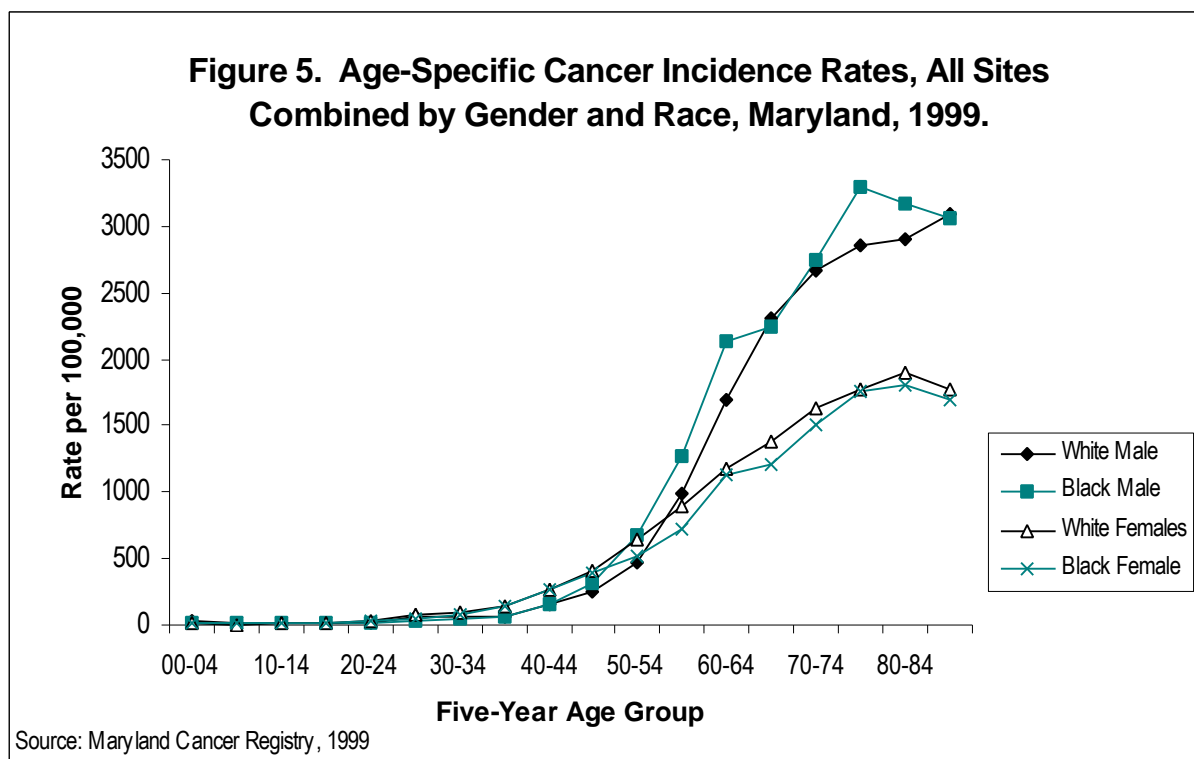


Source: Maryland Cancer Registry, 1999

\*NHL = Non-Hodgkin's Lymphoma

### 3. Age-Specific Cancer Incidence Rates

The risk of developing cancer increases with age for all gender and racial groups (Figure 5). Males have higher cancer incidence rates compared to females starting at age 50 years. Black males have the highest age-specific rates starting around 55 years of age. Black females have an overall cancer incidence rate that is lower than white females; this trend is also observed nationally.



### 4. Gender-Specific Incidence Trends

The 1999 total male to female cancer incidence rate ratio for Maryland residents is 1.4. There was an average decrease of 2.4% per year in the overall cancer incidence rate among males during the 5-year period 1995 to 1999. The age-adjusted overall cancer incidence rate among Maryland males is 569.3 per 100,000 (558.9-579.9, 95% CI); this rate is significantly higher than the 1998 SEER age-adjusted male cancer incidence rate of 544.4 per 100,000 men (539.9-548.9, 95% CI).

There was an average decrease of 1.0% per year in the overall cancer incidence rate among females from 1995 through 1999. The 1999 age-adjusted overall cancer incidence rate among Maryland females is 414.8 per 100,000 women (407.2-422.5, 95% CI); this rate is not statistically different from the 1998 SEER age-adjusted cancer incidence rate of 424.1 per 100,000 women (420.6-427.6, 95% CI).

### 5. Racial Distribution of New Cases

The black to white cancer incidence rate ratio among Maryland residents is 1.0. The 1999 overall age-adjusted cancer incidence rate among Maryland whites is 463.7 per 100,000 population (456.8-470.7,

95% CI); this rate is not significantly higher than the 1998 SEER rate for whites (473.0 per 100,000, 470.0-476.0, 95% CI). The total age-adjusted cancer incidence rate among Maryland blacks is 468.1 per 100,000 population (454.4-482.1, 95% CI). This rate is significantly lower than the 1998 SEER age-adjusted incidence rate for blacks (497.9 per 100,000 blacks, 488.0-508.0, 95% CI).

Black males have the highest 1999 overall age-adjusted cancer incidence rate in the state. The 1999 age-adjusted cancer incidence rate for Maryland black males is 595.4 per 100,000 (570.5-621.4, 95% CI); this rate is significantly higher than 1999 overall age-adjusted cancer incidence rates among white males and females (black and white).

## 6. Stage of Disease at Diagnosis

In Maryland, less than half (41.4%) of the new cancers in 1999 were diagnosed at the localized stage (Table 5). The proportion of cancers diagnosed with distant cancer is greater for blacks (19.4%) compared to whites (16.1%).

**Table 5. Percent Distribution of New Cancer Cases by Stage at Diagnosis and Race, Maryland, 1999**

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
All Races MD (1999)	41.4	20.8	16.4	21.4
Whites MD (1999)	43.3	20.9	16.1	19.6
Blacks MD (1999)	34.8	22.7	19.4	19.1

Source: Maryland Cancer Registry, 1999.

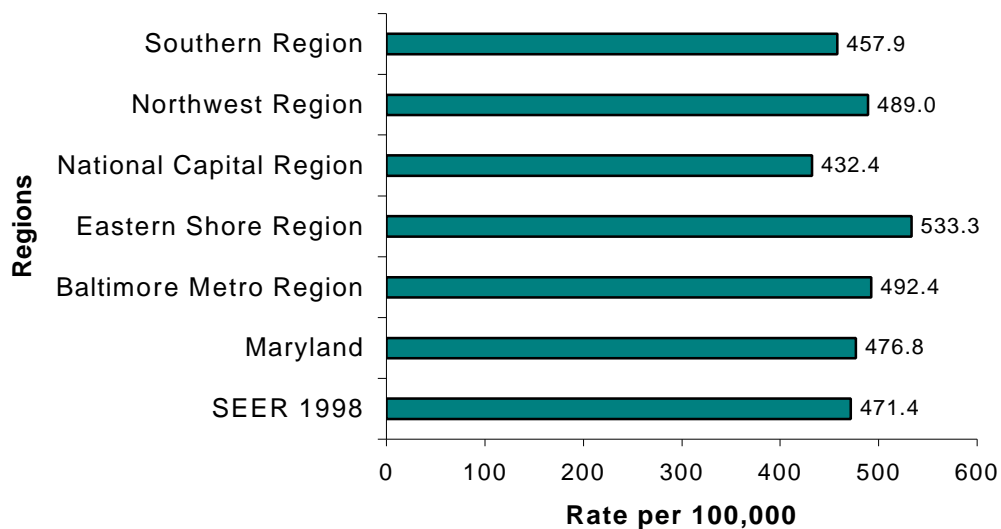
National Cancer Institute, SEER Program, 1973-1998.

Note: SEER (92-97) stage data not available for all cancer sites combined.

## 7. Regional Cancer Incidence Trends

Maryland's 1999 age-adjusted incidence rate for all cancer sites combined (476.8 per 100,000 population), is not significantly higher than the 1998 SEER age-adjusted incidence rate of 471.4 cases per 100,000 population. The National Capital Region's 1999 age-adjusted incidence rate for all cancer sites combined (432.4 per 100,000) is significantly less than the 1998 SEER age-adjusted incidence rate (Figure 5). The Baltimore Metropolitan and Eastern Shore Regions both have age-adjusted incidence rates for all cancer sites combined that are significantly greater 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 from the 1998 SEER age-adjusted incidence rate.

**Figure 6. All Sites Combined Age-Adjusted Cancer Incidence for Maryland, Regions and SEER, 1999**



Source: Maryland Cancer Registry, 1999  
National Cancer Institute, SEER Program, 1973-1998

## A. ALL SITES COMBINED

### 1. Mortality (Deaths) Overview

A total of 10,096 Maryland residents died from cancer in 1999 (Table 6). Maryland was ranked 9<sup>th</sup> highest among the states and the District of Columbia in total cancer mortality in 1998. Malignant neoplasms are the second leading cause of death in Maryland, responsible for 23.5% of all 1999 deaths. Maryland's overall 1999 cancer mortality rate is 211.7 deaths per 100,000 population (207.6-215.9, 95% CI); this rate is significantly higher than the 1998 US cancer mortality rate of 202.6 deaths per 100,000 (202.1-203.1, 95% CI). Cancer mortality rates in Maryland have declined an average of 2.0% per year from 1995 to 1999.

**Table 6. Cancer Deaths and Age-Adjusted Cancer Mortality Rates per 100,000, All Cancer Sites Combined, by Gender and Race, Maryland 1999 and US 1998.**

	Total		Males		Females	
Race	Deaths	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	7,560	204.0	3,863	253.2	3,697	173.6
MD Black	2,394	257.9	1,269	343.8	1,125	203.6
MD Other	142	105.1	76	125.1	66	89.6
<b>MD Total</b>	<b>10,096</b>	<b>211.7</b>	<b>5,208</b>	<b>266.2</b>	<b>4,888</b>	<b>177.3</b>
<b>US 1998</b>	<b>-</b>	<b>202.6</b>	<b>-</b>	<b>253.5</b>	<b>-</b>	<b>169.0</b>

<sup>1</sup>Age-adjusted to 2000 US Standard Population.

Source: Maryland Vital Statistics Administration, 1999.

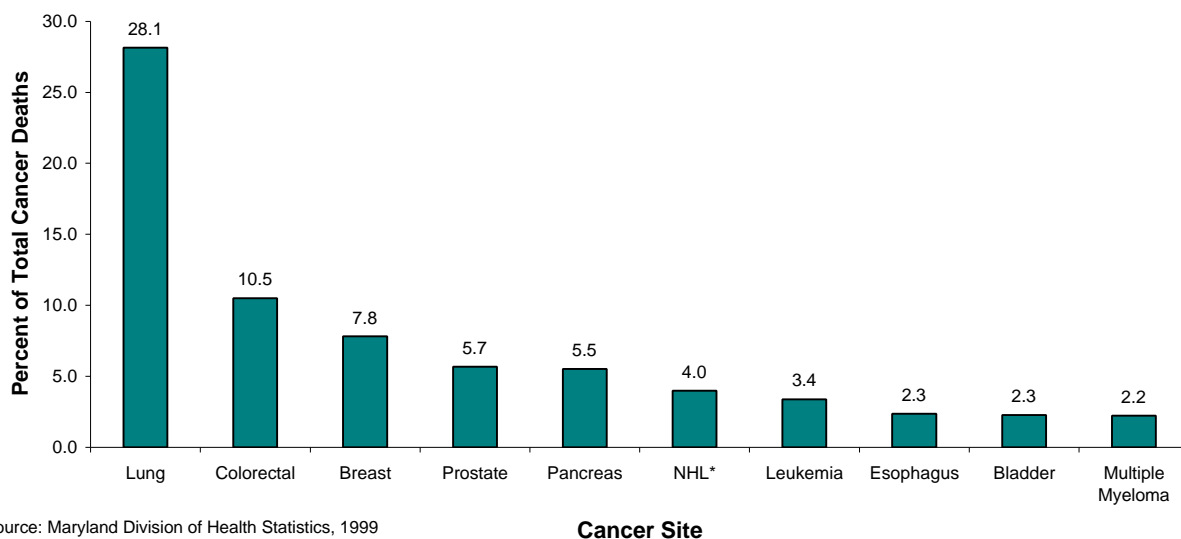
National Cancer Institute, SEER Program, 1973-1998.

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

Cancers of the lung and bronchus, colon and rectum, breast, and prostate account for 52.1% of the 1999 cancer-related deaths in Maryland (Figure 7). Among deaths due to cancer, 28.1% (2,841) are lung and bronchial cancers, 10.5% (1,059) are colon and rectal cancers, 7.8% (788) are breast cancers and 5.7% (574) are prostate cancers.

The most frequent type of cancer death differs by age group (Figure 8). Leukemias (N=13) and central nervous system (including brain) tumors (N=8) are responsible for most of the cancer-related deaths among persons aged 0-19 years (23.2% and 14.3%, respectively). Lung and breast cancers account for the most cancer-related mortality among Maryland residents between the ages of 20 to 49 years (18.8% and 16.1%, respectively). Among persons aged 50 and older, lung cancer is responsible for 29.1% of Maryland's cancer-related deaths (N=2,687).

**Figure 7. Ten Most Frequent Sites of Cancer-Related Deaths, by Percent of Total Cancer Deaths, All Races, Both Sexes, Maryland, 1999**

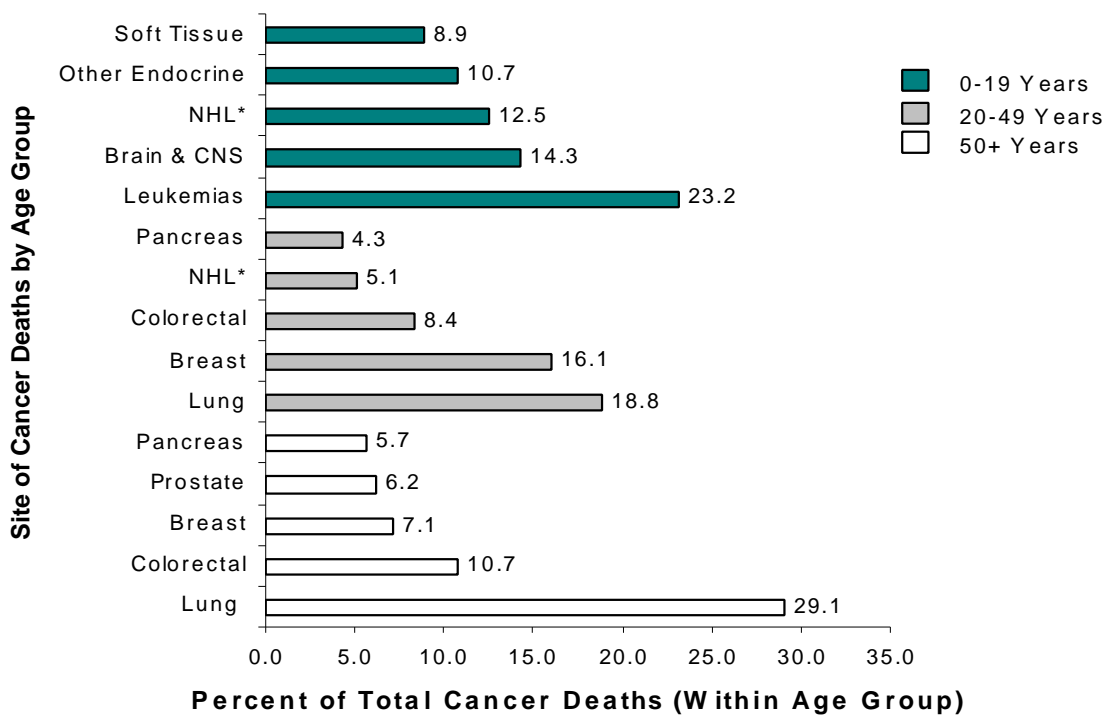


Source: Maryland Division of Health Statistics, 1999

Total cancer deaths = 10,096

\*NHL = Non-Hodgkin's Lymphoma

**Figure 8. Five Most Frequent Sites of Cancer-Related Deaths by Age Group and Percent of Total (Within Group), All Races, Both Sexes, Maryland, 1999**

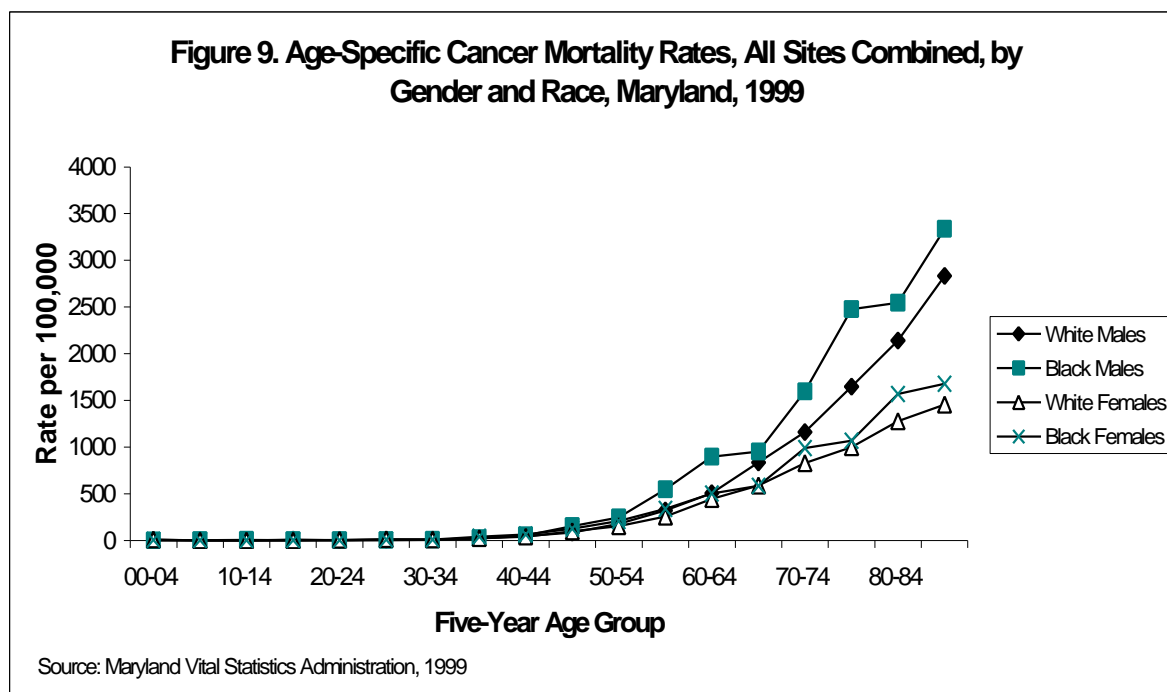


Source: Maryland Vital Statistics Administration, 1999

\* NHL = Non-Hodgkin's Lymphoma

### 3. Age-Specific Mortality Rates

Cancer mortality rates increase with age for all gender and racial groups (Figure 9). Males have a higher death rate than females and blacks die more frequently from cancer than whites, particularly after the age of 65 years. While black women are diagnosed less frequently with new cancers than their white counterparts, black women have higher cancer mortality rates.



### 4. Gender-Specific Mortality Trends

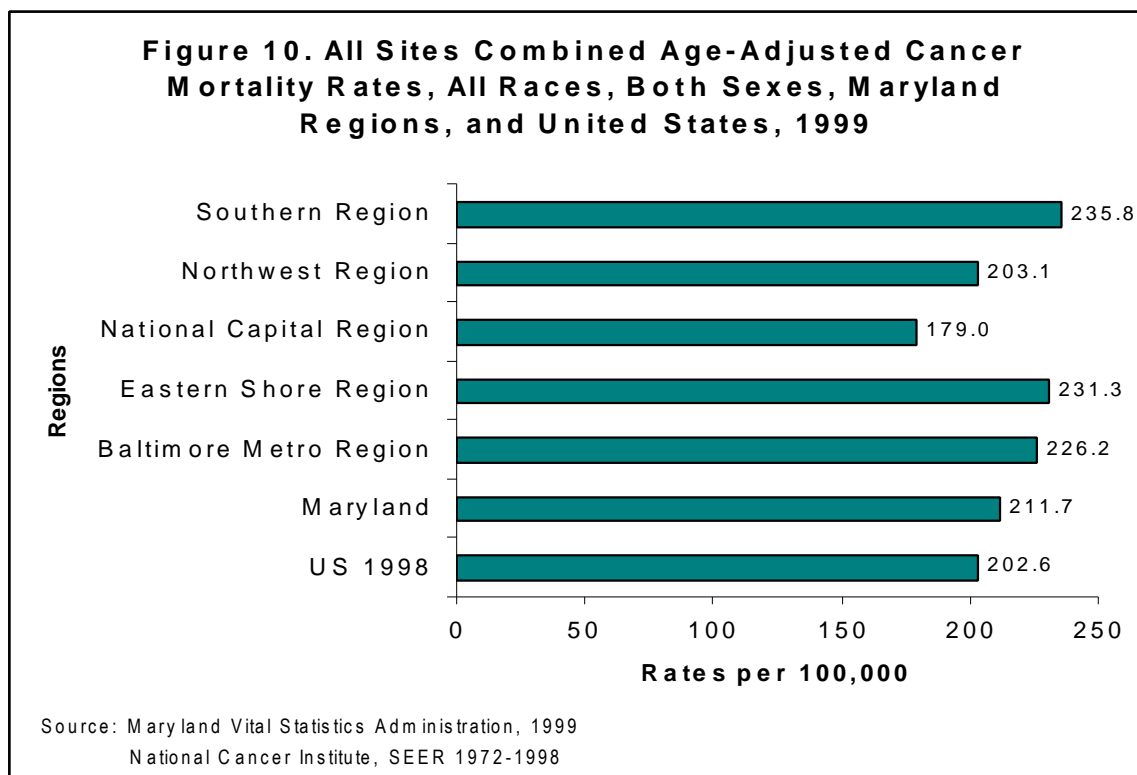
The 1999 male to female cancer mortality rate ratio among Maryland residents is 1.5. The 1999 age-adjusted cancer mortality rate among Maryland males is 266.2 deaths per 100,000 (258.8-273.8, 95% CI); this rate is significantly higher than the 1998 US age-adjusted rate of 253.5 deaths per 100,000 males (252.5-254.4, 95% CI). There was an average decrease of 2.5% per year in the overall cancer mortality rate among males during the 5-year period 1995 to 1999.

The 1999 female total cancer age-adjusted mortality rate among Maryland females is 177.3 deaths per 100,000 population (172.3-182.3, 95% CI); this rate is significantly higher than the 1998 US mortality rate of 169.0 deaths per 100,000 women (168.3-169.6, 95% CI). Cancer mortality rates have also decreased among Maryland women. There was an average decrease of 1.7% per year in the overall age-adjusted cancer mortality rate among females between 1995 and 1999.

### 5. Regional Mortality Trends

Maryland's age-adjusted mortality rate for all cancer sites combined (211.7 per 100,000 population) is significantly higher than the 1998 US age-adjusted cancer mortality rate of 202.6 deaths per 100,000 population. The National Capital Region's age-adjusted mortality rate for all cancer sites combined is significantly less (179.0 per 100,000) than the 1998 US age-adjusted cancer mortality rate (Figure 10).

The Baltimore Metro, Eastern Shore, and Southern Regions have age-adjusted mortality rates for all cancer sites significantly greater than the 1998 US rate. The Northwest Region's age-adjusted mortality rate for all cancer sites combined, however, is not significantly different from the 1998 US rate.





## B. FEMALE BREAST CANCER

### 1. Incidence and Mortality Overview

#### *Incidence*

A total of 3,752 breast cancers were diagnosed among Maryland residents in 1999. Over 99.0% (N=3,714) of the new cancers diagnosed are female breast cancer cases (Table 7). Maryland's 1999 female breast cancer age-adjusted incidence rate is 137.0 per 100,000 (132.7-141.5, 95% CI); this rate is not significantly different from the 1998 SEER rate of 139.1 per 100,000 women (137.1-141.1, 95% CI). Overall, the incidence of female breast cancer in Maryland has increased an average of 0.7% per year from 1995 to 1999.

#### *Mortality*

A total of 782 Maryland women died from breast cancer in 1999 (Table 7). Maryland was ranked 5<sup>th</sup> highest among the states and the District of Columbia in female breast cancer mortality in 1998. The age-adjusted female breast cancer mortality rate for 1999 in Maryland is 28.5 deaths per 100,000 population (26.5 – 30.6, 95% CI) and has declined an average of 4.0% per year from 1995-1999.

**Table 7. Female Breast Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland (1999), US and SEER (1998).**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,752	139.5	567	27.4
MD Black	822	127.7	211	35.5
MD Other	96	92.8	*	*
<b>MD Total</b>	<b>3,714</b>	<b>137.0</b>	<b>782</b>	<b>28.5</b>
<b>SEER and US 1998</b>	<b>-</b>	<b>139.1</b>	<b>-</b>	<b>27.9</b>

<sup>1</sup>. Age-adjusted using the 2000 US Standard Population.

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

Sources: Maryland Cancer Registry, 1999; Maryland Vital Statistics Administration, 1999; and National Cancer Institute, SEER Program, 1973-1998.

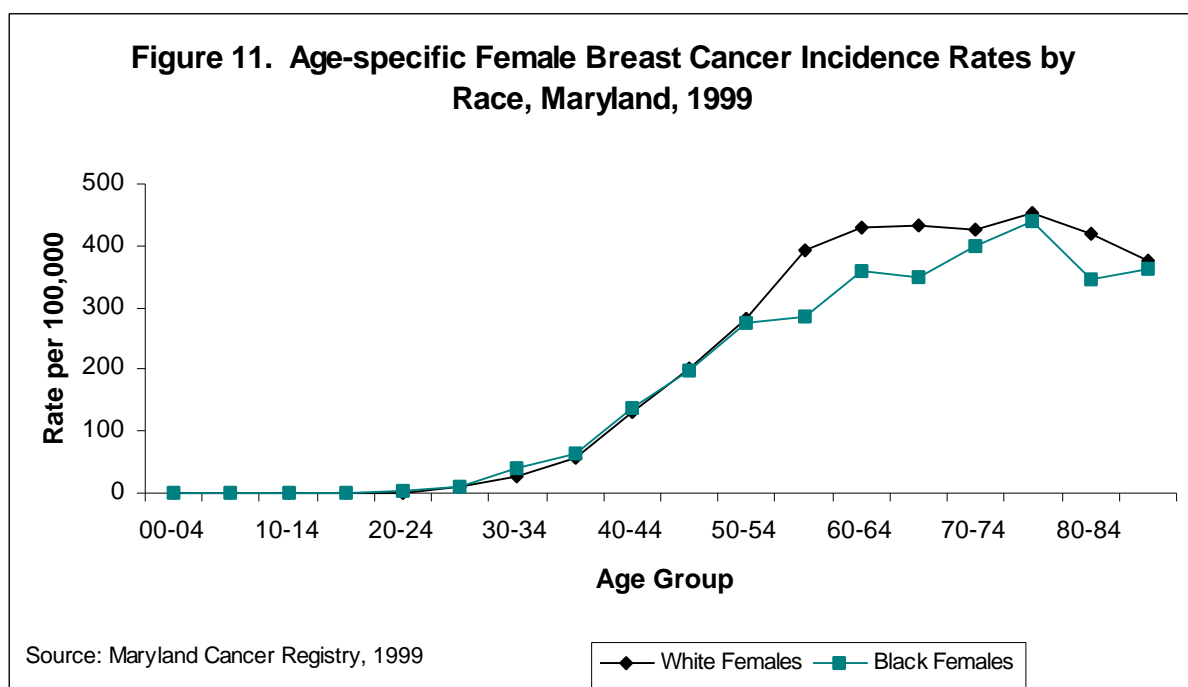
### 2. Racial Distribution of Female Breast Cancer Cases and Deaths

The age-adjusted breast cancer incidence rate among white females is 139.5 new cases per 100,000 (134.3-144.9, 95% CI); this rate is not significantly different from the rate among Maryland's black females which is 127.7 new cases per 100,000 (118.9-137.1, 95% CI) (Table 7). Between 1995 and 1999, breast cancer incidence among Maryland white females increased an average of 1.2% per year. Maryland's non-white female population experienced an average decrease of 0.5% per year in breast cancer incidence during the same time period.

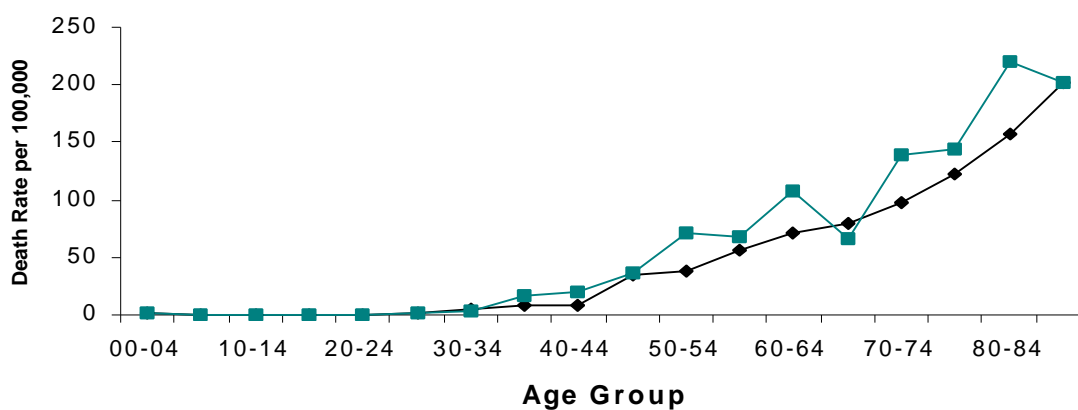
Although Maryland white women are diagnosed more frequently with breast cancer than black women, black women experience more deaths from breast cancer. The 1999 female age-adjusted breast cancer mortality rate for white females in Maryland is 27.4 per 100,000 (25.1-29.7, 95% CI); this rate is significantly lower than the rate for Maryland's black female population which is 35.5 deaths per 100,000 (30.8-40.9, 95% CI). Breast cancer mortality decreased an average of 4.1% per year for white females between 1995 and 1999 compared to 2.6% per year for black females during the same time period.

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

In general, female breast cancer incidence increases with increasing age until about age 75 when incidence rates decrease slightly in both racial groups (Figure 11). Breast cancer mortality increases with increasing age and is higher for black women in most age groups (Figure 12).



**Figure 12. Age-Specific Female Breast Cancer Mortality Rates by Race, Maryland, 1999**



Source: Maryland Vital Statistics Administration, 1999

—◆— White Females —■— Black Females

#### 4. Stage of Disease at Diagnosis

Overall, 58.3% of 1999 female breast cancers in Maryland are diagnosed at the localized stage (Table 8). In general, Maryland's white females are diagnosed at earlier stages in greater proportions than black females. Slightly more black females (3.6%) in Maryland are diagnosed with distant or metastasized breast cancers compared to white females (3.1%). Both black and white Maryland women have higher proportions of unstaged cancers than their SEER counterparts.

**Table 8. Percent Distribution of Female Breast Cancer by Stage at Diagnosis and Race Maryland (1999) and SEER (1992-1997)**

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races MD (1999)</b>	58.3	26.4	3.2	12.0
SEER (92-97)	63.0	28.0	6.0	3.0
<b>Whites MD (1999)</b>	60.6	25.5	3.1	10.8
SEER (92-97)	64.0	28.0	5.0	3.0
<b>Blacks MD (1999)</b>	53.5	31.0	3.6	11.8
SEER (92-97)	53.0	33.0	9.0	5.0

Source: Maryland Cancer Registry, 1999.

National Cancer Institute, SEER Program, 1973-1998 (SEER 1998-1999 stage data not available).

## C. PROSTATE CANCER

### 1. Incidence and Mortality Overview

#### *Incidence*

A total of 3,869 prostate cancers were diagnosed among Maryland men in 1999 (Table 9). Maryland's 1999 prostate cancer incidence rate is 185.3 per 100,000 (179.4-191.4, 95% CI); this rate is significantly higher than the 1998 SEER rate of 161.4 per 100,000 (158.9-163.8, 95% CI). Maryland's age-adjusted prostate cancer incidence rate decreased an average of 1.4% per year between 1995 and 1999, down from 3.1% per year between 1994 and 1998. This change in trend may be an artifact of increased reporting by physicians and ambulatory care facilities.

#### *Mortality*

Five hundred and seventy-four (574) Maryland men died from prostate cancer in 1999. Maryland was ranked 10<sup>th</sup> highest among the states and the District of Columbia in prostate cancer mortality in 1998. Maryland's 1999 prostate age-adjusted cancer mortality rate is 34.1 per 100,000 (31.2-37.1, 95% CI); this rate is not significantly different than the 1998 US rate of 32.2 per 100,000 (31.9-32.6, 95% CI).

Prostate cancer mortality rates decreased an average of 5.1% per year between 1995 and 1999. The decline is greater for black males (6.6%) than for white males (4.8%)

**Table 9. Prostate Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland 1999, SEER and US 1998.**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,556	157.4	380	28.1
MD Black	904	226.8	188	67.4
MD Other	79	118.8	6	*
<b>MD Total</b>	<b>3,869</b>	<b>185.3</b>	<b>574</b>	<b>34.1</b>
<b>SEER and US 1998</b>	<b>-</b>	<b>161.4</b>	<b>-</b>	<b>32.2</b>

<sup>1</sup> Age-adjusted using the 2000 US Standard Population.

\* Cells with less than 6 cases or rates with less than 26 cases are not presented.

Sources: Maryland Cancer Registry, 1999; Maryland Vital Statistics Administration, 1999; National Cancer Institute, SEER Program, 1973-1998.

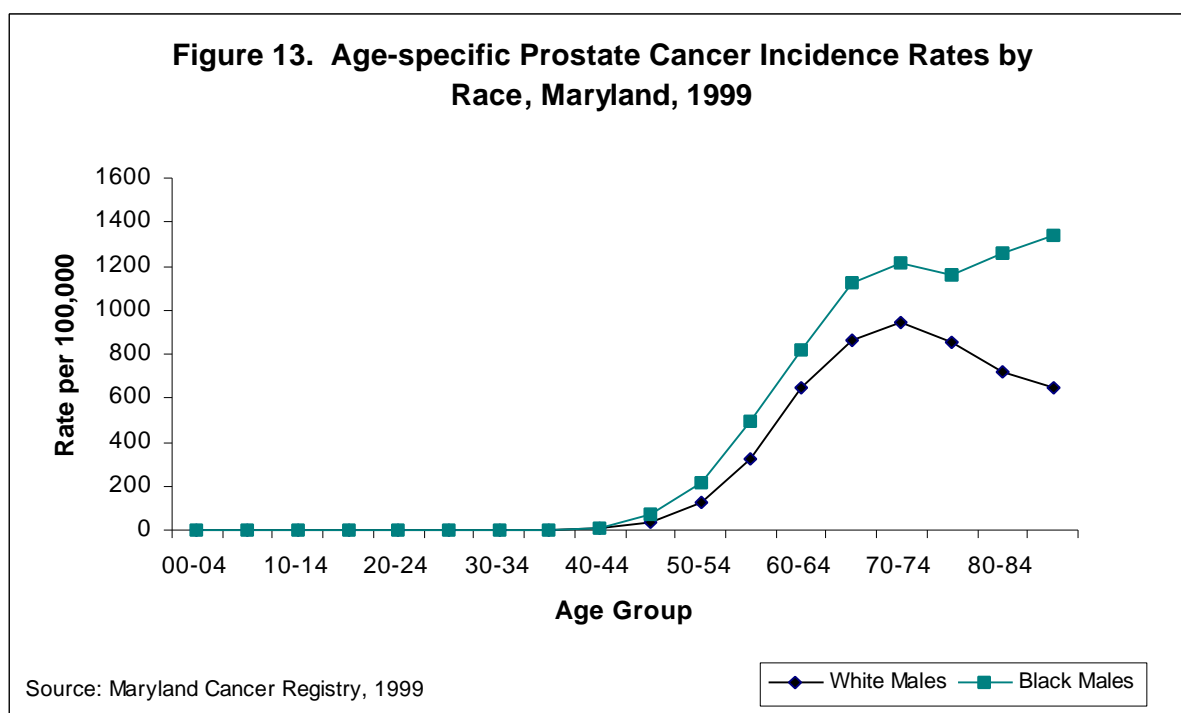
### 2. Racial Distribution of Prostate Cancer Cases and Deaths

Black males have higher prostate cancer incidence rate than white males in Maryland and the US. The 1999 prostate cancer incidence rate ratio between Maryland blacks and whites is 1.4 (226.8 per 100,000 for black males compared to 157.4 per 100,000 for white males). Incidence rates decreased an average of 0.4% per year for white men and decreased an average of 4.8% per year for non-whites between 1995 and 1999.

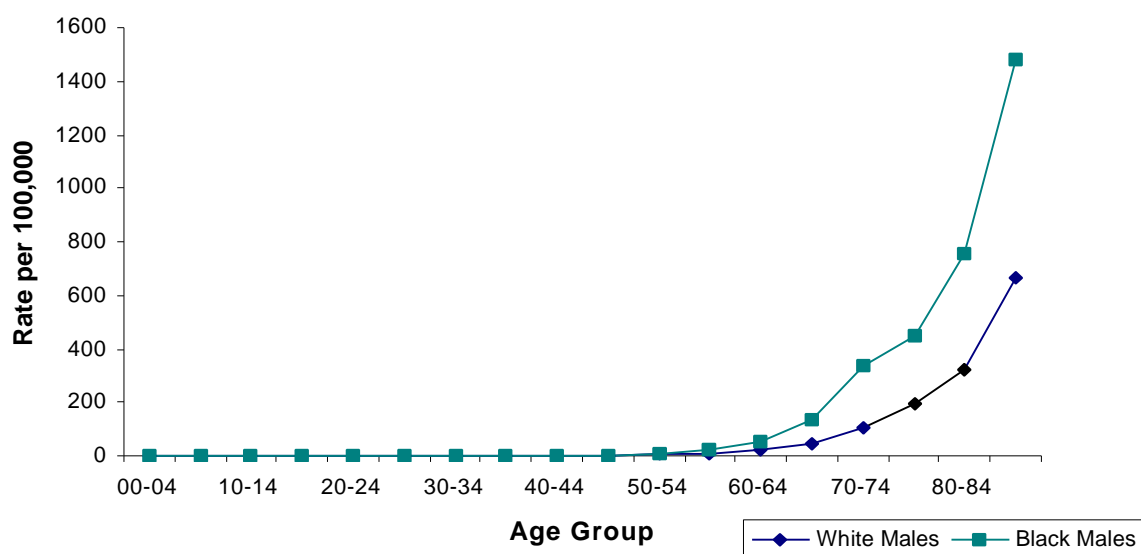
The 1999 prostate cancer mortality rate ratio between blacks and whites in Maryland is 2.4 (67.4 deaths per 100,000 for black males compared to 28.1 per 100,000 for white males).

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

Prostate cancer incidence and deaths (Figures 13 and 14) occur most often in older individuals. Prostate cancer is initially diagnosed in men around the age of 45 years in both races. Black males experience higher incidence and mortality in almost every age category.



**Figure 14. Age-specific Prostate Cancer Mortality Rates, by Race, Maryland, 1999**



Source: Maryland Vital Statistics Administration, 1999

#### 4. Stage of Disease at Diagnosis

Overall, 65.6% of prostate cancers in Maryland are diagnosed at the local or regional stages. Maryland blacks are diagnosed with distant stage of disease in greater proportions than whites (Table 10). The true stage distribution, however, is likely to differ from that currently reported because more white men than black men have been diagnosed with a prostate cancer that remains unstaged (26.7% vs. 22.8%). More Maryland prostate cancers are diagnosed as unstaged than those reported in the SEER population (31.5% vs. 11.0%).

**Table 10. Percent Distribution of Prostate Cancer by Stage at Diagnosis and Race Maryland (1999) and SEER (1992-1997)\***

RACE	STAGE AT DIAGNOSIS		
	*Localized/Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1999)	65.6	2.8	31.5
SEER (92-97)	83.0	6.0	11.0
<b>Whites</b> MD (1999)	70.9	2.5	26.6
SEER (92-97)	83.0	6.0	11.0
<b>Blacks</b> MD (1999)	72.7	4.8	22.6
SEER (92-97)	78.0	9.0	13.0

Source: Maryland Cancer Registry, 1999

National Cancer Institute, SEER Program, 1973-1998

\* SEER combines staging for localized and regional prostate cancers.

## D. CANCER OF THE LUNG AND BRONCHUS

### 1. Incidence and Mortality Overview

#### *Incidence*

There were 3,447 cases of lung and bronchial cancer, hereafter called lung cancer, diagnosed among Maryland residents in 1999 (Table 11). The age-adjusted lung cancer incidence rate for the state of Maryland is 71.6 cases per 100,000 population (69.2 - 74.0, 95% CI) which is significantly higher than the 1998 SEER lung cancer incidence rate of 64.9 per 100,000 population (63.9 - 65.9, 95% CI). Lung cancer incidence rates in Maryland decreased an average of 3.3% per year between 1995 and 1999.

#### *Mortality*

There were 2,841 lung cancer deaths among Maryland residents in 1999 (Table 11). Maryland was ranked 17<sup>th</sup> highest among the states and the District of Columbia in lung cancer mortality in 1998. Twenty-eight percent (28.1%) of all cancer-related deaths in Maryland are due to lung cancer. The 1999 age-adjusted lung cancer mortality rate is 59.4 deaths per 100,000 (57.3-61.7, 95%CI); this rate is not significantly different from the 1998 US rate of 57.6 lung cancer deaths per 100,000 (57.3-57.9, 95% CI).

Lung cancer is the leading cause of cancer-related deaths among persons between the ages of 20 and 49 years (18.8%) and those over 50 years of age (29.1%) (Figure 8, page 31). Lung cancer rates in Maryland have decreased an average of 2.2% per year between 1995 and 1999.

**Table 11. Lung Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland 1999, SEER and US 1998.**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	2,650	71.5	2,182	58.8
MD Black	736	75.8	636	68.3
MD Other	53	39.3	23	*
<b>MD Total</b>	<b>3,447</b>	<b>71.6</b>	<b>2,841</b>	<b>59.4</b>
<b>SEER and US, 1998</b>	-	<b>64.9</b>	-	<b>57.6</b>

<sup>1</sup> Age-adjusted using the 2000 US Standard Population.

\* Cells with fewer than 6 cases or rates with fewer than 26 cases are suppressed.

Sources: Maryland Cancer Registry, 1999; Maryland Vital Statistics Administration, 1999; National Cancer Institute, SEER Program, 1973-1998.

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

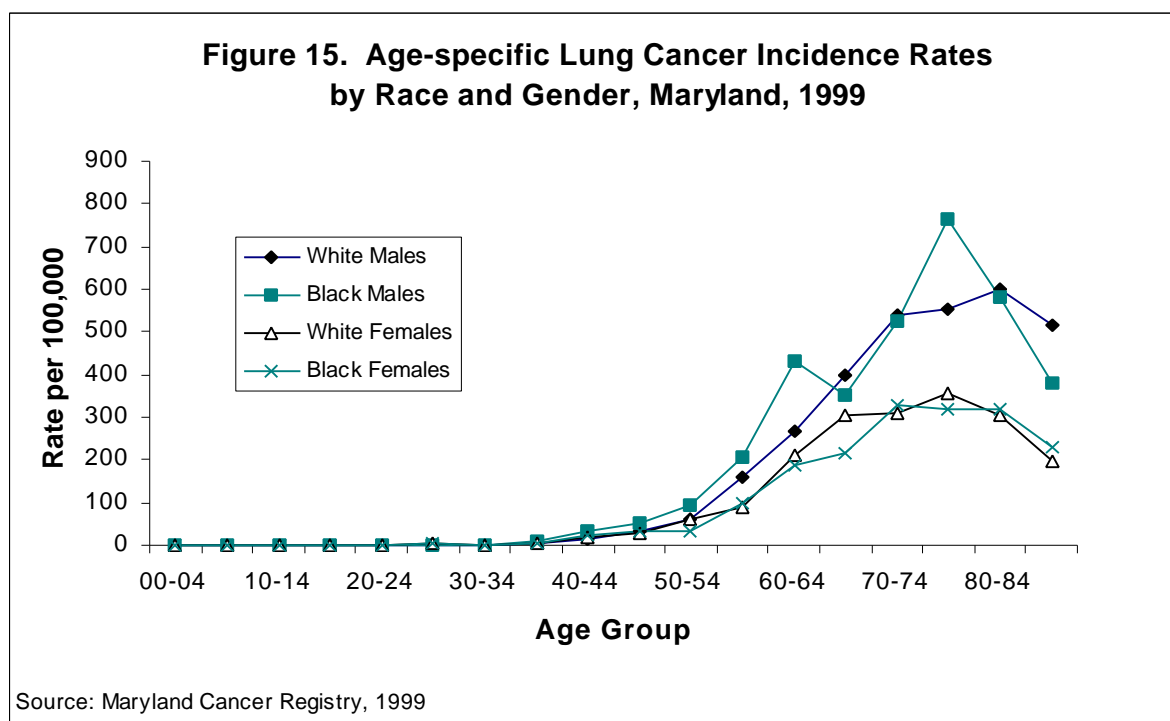
The 1999 age-adjusted lung cancer incidence rate among males is 92.4 cases per 100,000 (88.2 - 96.8, 95% CI); this rate is significantly higher than the 1999 age-adjusted lung cancer incidence rate among females of 56.8 cases per 100,000 (54.0 - 59.7, 95%CI). The male to female lung

cancer incidence rate ratio is 1.6. The lung cancer age-adjusted incidence rate among males decreased an average of 4.9% per year from 1995 to 1999. Maryland females experienced an average decrease of 1.4% per year in lung cancer incidence during the same time period. The overall age-adjusted lung cancer incidence rates among whites and blacks do not differ significantly. Black males, however, have the highest lung cancer race-specific incidence rate; this rate of 105.2 per 100,000 black males (94.8-116.6, 95% CI) is significantly higher than the lung cancer incidence rates for whites (male and female) and black females.

In general, Maryland's overall age adjusted lung cancer mortality rate is higher in males than females and higher in blacks than whites. The lung cancer age-adjusted mortality rate for males is 81.2 deaths per 100,000 (77.2 – 85.4, 95%CI) and females is 44.4 deaths per 100,000 (42.0 – 47.0, 95% CI). Black males have the highest race-specific age-adjusted mortality rates. Lung cancer mortality rates have decreased an average of 1.8% per year from 1995 to 1999; 2.6% per year for Maryland males and 2.2% per year for Maryland females.

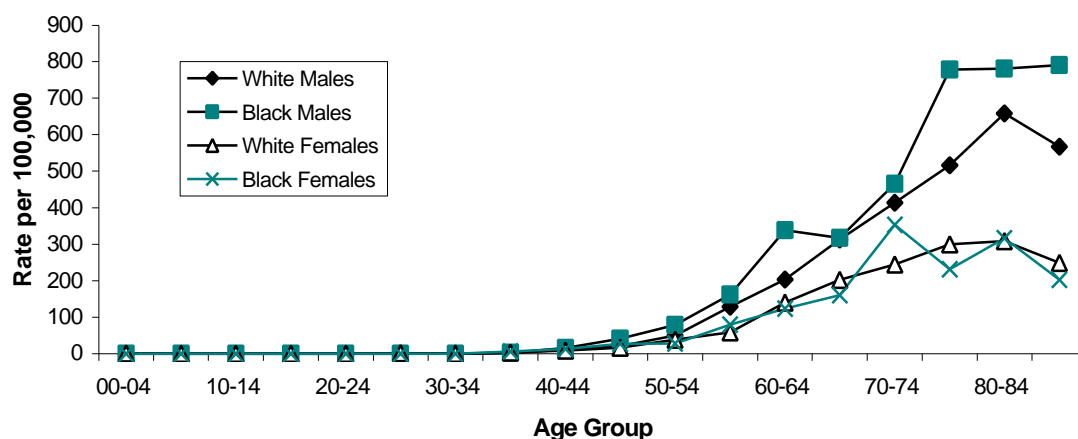
### 3. Age-Specific Lung Cancer Incidence & Mortality Rates

For both genders and all racial groups, the age-specific lung cancer incidence and mortality rates increase with increasing ages (Figures 15 and 16). Males have higher incidence and mortality rates than females. Black males have the highest age-specific incidence and mortality rates for most age groups.





**Figure 16. Age-Specific Lung Cancer Mortality Rates by Race and Gender, Maryland, 1999**



Source: Maryland Division of Health Statistics, 1999

#### 4. Stage of Disease at Diagnosis

Maryland lung cancers are diagnosed at the localized and regional stages in higher proportions and fewer at the distant stage than SEER lung cancers (Table 12). The true stage distribution, however, could differ from that currently reported depending on the distribution of lung cancers reported with unknown stage.

**Table 12. Percent Distribution of Lung Cancer by Stage at Diagnosis and Race Maryland (1999) and SEER (1992-1997)\***

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1999)	20.9	26.7	35.8	16.6
SEER (92-97)	15.0	24.0	48.0	14.0
<b>Whites</b> MD (1999)	21.6	26.6	35.4	16.4
SEER (92-97)	15.0	24.0	47.0	14.0
<b>Blacks</b> MD (1999)	18.2	27.4	37.5	16.8
SEER (92-97)	13.0	24.0	51.0	12.0

Source: Maryland Cancer Registry, 1999  
National Cancer Institute, SEER Program, 1973-1998

## E. CANCER OF THE COLON AND RECTUM

### 1. Incidence and Mortality Overview

#### *Incidence*

A total of 2,547 colon and rectal cancers, hereafter-called colorectal cancer, were diagnosed among Maryland residents in 1999 (Table 13). The age-adjusted colorectal incidence rate for Maryland is 53.3 per 100,000 population (51.2 – 55.4, 95% CI); this is not significantly different than the 1998 SEER colorectal cancer incidence rate of 55.4 per 100,000 (54.4 – 56.3, 95% CI). Maryland's colorectal incidence rates decreased an average of 3.4% per year between 1995 and 1999.

#### *Mortality*

There were 1,059 colorectal cancer deaths among Maryland residents in 1999. Maryland was ranked 3<sup>rd</sup> highest among the states and the District of Columbia in colorectal cancer mortality in 1998. Colorectal cancer is the 3<sup>rd</sup> leading cause of cancer deaths among persons in the 20-49 (8.4%) age group and the 2<sup>nd</sup> leading cause of cancer deaths among persons 50 years of age and older (10.7%) (Figure 7). Maryland's colorectal cancer mortality rates decreased an average of 3.7% per year between 1995 and 1999.

**Table 13. Colorectal Cancer Cases, Deaths, and Age-Adjusted Incidence and Mortality Rates per 100,000, by Race, Maryland 1999, SEER and US 1998.**

Race	Incidence		Mortality	
	Cases	Rate <sup>1</sup>	Deaths	Rate <sup>1</sup>
MD White	1,882	50.8	763	20.6
MD Black	540	56.4	278	31.2
MD Other	76	52.9	18	*
<b>MD Total</b>	<b>2,547</b>	<b>53.3</b>	<b>1,059</b>	<b>22.5</b>
<b>SEER and US, 1998</b>	<b>-</b>	<b>55.4</b>	<b>-</b>	<b>21.4</b>

<sup>1</sup>: Age-adjusted using the 2000 US Standard Population.

\* Cells with fewer than 6 cases or rates based on cells with cells fewer than 26 cases are suppressed.

Sources: Maryland Cancer Registry, 1999; Maryland Vital Statistics Administration, 1999; National Cancer Institute, SEER Program, 1973-1998.

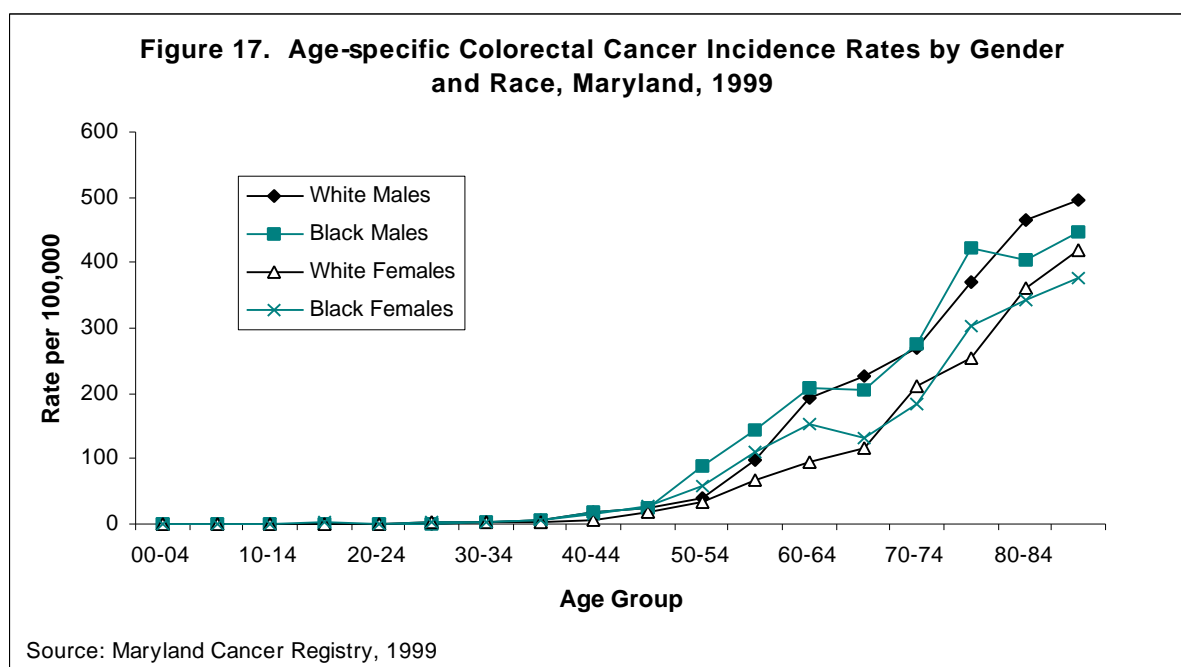
### 2. Racial and Gender Distribution of Colorectal Cancer Cases and Deaths

The 1999 colorectal cancer age-adjusted incidence rate for Maryland males is 63.4 per 100,000 (59.9 – 67.1 95% CI); this rate is significantly higher than the female rate of 45.4 per 100,000 (42.9 – 48.0, 95% CI). The male to female colorectal cancer incidence rate ratio is 1.4. The colorectal cancer age-adjusted incidence rate decreased an average of 2.9% per year in males between 1995 and 1999 and 4.3% in females during the same time period.

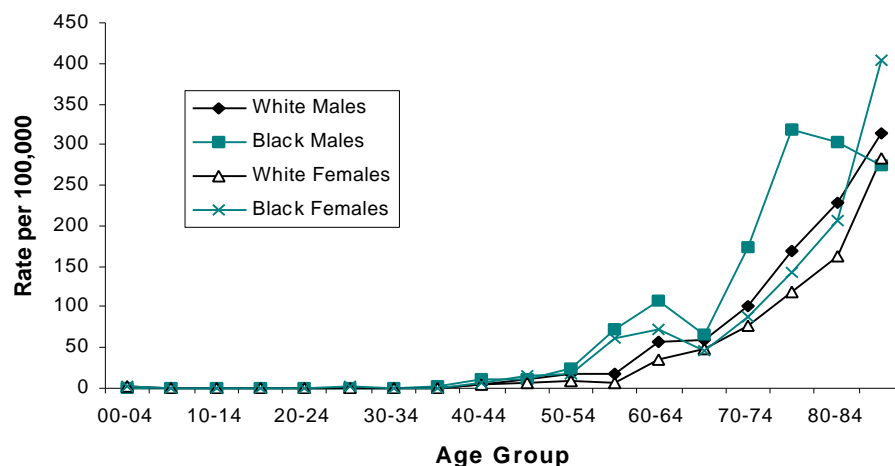
The colorectal age-adjusted cancer incidence rate for blacks is 56.4 per 100,000 (51.6 – 61.6, 95% CI); this rate is not significantly different than the rate for whites which is 50.8 per 100,000 (48.6 – 53.2, 95% CI). The age-adjusted colorectal cancer mortality rate for blacks in Maryland is 31.2 per 100,000 blacks (27.5-35.3, 95% CI); this rate is significantly higher than the age-adjusted colorectal mortality rate for whites which is 20.6 per 100,000 whites (19.2-22.1, 95% CI).

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

Maryland's 1999 age-specific colorectal cancer incidence rates are similar to national trends. The risk of developing and dying from colorectal cancer increases with increasing age for all gender and racial groups and is greater for males than females (Figures 17 and 18).



**Figure 18. Age-specific Colorectal Cancer Mortality Rates by Gender and Race, Maryland, 1999**



Source: Maryland Vital Statistics Administration, 1999

#### 4. Stage of Disease at Diagnosis

In Maryland, 30.4% of the 1999 colorectal cancers are diagnosed at the localized stage (Table 14). The proportion of cancers diagnosed at a distant stage is greater for blacks (23.5%) than whites (16.6%).

**Table 14. Percent Distribution of Colorectal Cancers by Stage at Diagnosis and Race, Maryland (1999) and SEER (1992-1997)**

RACE	STAGE AT DIAGNOSIS			
	Localized (%)	Regional (%)	Distant (%)	Unstaged (%)
<b>All Races</b> MD (1998)	30.4	37.8	17.8	14.1
SEER (92-97)	37.0	38.0	20.0	6.0
<b>Whites</b> MD (1998)	33.1	38.6	16.6	11.7
SEER (92-97)	37.0	38.0	20.0	6.0
<b>Blacks</b> MD (1998)	24.8	38.0	23.5	13.7
SEER (92-97)	33.0	36.0	24.0	7.0

Source: Maryland Cancer Registry, 1999  
National Cancer Institute, SEER Program, 1973-1998



## VI. MARYLAND STATEWIDE 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%**  
**(CI) By Major Site, All Races, Both Sexes, Maryland, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	23,267	476.8	470.7	483.0
<b>Major Sites</b>	22,569			
Oral Cavity and Pharynx	539	10.9	10.0	11.9
Esophagus	286	5.9	5.2	6.6
Stomach	328	6.8	6.1	7.6
Colon and Rectum	2,547	53.3	51.2	55.4
Liver and Intrahepatic Bile Duct	191	4.0	3.4	4.6
Pancreas	488	10.2	9.3	11.2
Larynx	243	5.0	4.4	5.7
Lung and Bronchus	3,447	71.6	69.2	74.0
Bones and Joints	59	1.2	0.9	1.5
Soft Tissue	140	2.8	2.3	3.3
Melanomas of the Skin	884	17.5	16.4	18.7
Breast	3,752	75.3	72.9	77.8
Cervix	226			
Uterus	632			
Ovary	355			
Prostate	3,869			
Testis	125			
Urinary Bladder	883	18.5	17.3	19.7
Kidney and Renal Pelvis	563	11.5	10.5	12.5
Eye	21	**	**	**
Brain and Other Nervous System	312	6.2	5.5	6.9
Thyroid	366	7.0	6.3	7.8
Leukemias	426	8.8	7.9	9.6
Hodgkins Disease	141	2.7	2.3	3.2
Non-Hodgkins Lymphomas	810	16.4	15.3	17.6
Multiple Myeloma	242	5.0	4.4	5.7
Unknown Primary/Other/III Defined Sites	694	14.5	13.4	15.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	11,964	569.3	558.9	579.9	11,300	414.8	407.2	422.5
<b>Major Site</b>	11,627				10,939			
Oral Cavity and Pharynx	372	16.5	14.8	18.3	167	6.2	5.3	7.2
Esophagus	219	10.3	9.0	11.9	67	2.5	1.9	3.1
Stomach	210	10.5	9.1	12.1	118	4.3	3.5	5.1
Colon and Rectum	1,291	63.4	59.9	67.1	1,256	45.4	42.9	48.0
Liver and Intrahepatic Bile Duct	124	6.0	4.9	7.2	67	2.4	1.9	3.1
Pancreas	238	11.4	9.9	13.0	250	9.1	8.0	10.3
Larynx	195	8.9	7.6	10.3	48	1.8	1.3	2.4
Lung and Bronchus	1,904	92.4	88.2	96.8	1,542	56.8	54.0	59.7
Bones and Joints	35	1.4	1.0	2.1	24	**	**	**
Soft Tissue	80	3.5	2.7	4.4	60	2.2	1.7	2.8
Melanomas of the Skin	487	22.1	20.2	24.3	397	14.5	13.1	16.0
Breast	38	1.8	1.3	2.6	3,714	137.0	132.7	141.5
Cervix					226	8.2	7.2	9.4
Uterus					632	23.5	21.7	25.4
Ovary					355	13.2	11.9	14.7
Prostate	3,869	185.3	179.4	191.4				
Testis	125	4.7	3.9	5.7				
Urinary Bladder	610	30.5	28.1	33.2	272	9.8	8.6	11.0
Kidney and Renal Pelvis	338	15.2	13.6	17.0	225	8.3	7.2	9.4
Eye	9	**	**	**	12	**	**	**
Brain and Other Nervous System	168	7.3	6.2	8.5	144	5.3	4.5	6.3
Thyroid	76	3.1	2.4	3.9	290	10.7	9.5	12.0
Leukemias	242	11.8	10.3	13.5	184	6.8	5.8	7.8
Hodgkins Disease	77	3.0	2.4	3.8	64	2.4	1.8	3.0
Non-Hodgkins Lymphomas	445	20.1	18.2	22.1	365	13.2	11.9	14.6
Multiple Myeloma	128	6.3	5.2	7.6	114	4.2	3.4	5.0
Unknown Primary/Other/III Defined Sites	347	17.3	15.5	19.3	346	12.5	11.3	13.9

\*Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population. Three cases with missing or other gender 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	17,313	469.7	462.7	476.7	4,807	468.1	454.4	482.1
<b>Major Sites</b>	16,790				4,669			
Oral Cavity and Pharynx	381	10.4	9.4	11.5	132	11.7	9.8	14.0
Esophagus	203	5.5	4.8	6.3	76	7.6	5.9	9.6
Stomach	204	5.5	4.8	6.3	102	11.1	9.0	13.6
Colon and Rectum	1,882	50.8	48.6	53.2	540	56.4	51.6	61.6
Liver and Intrahepatic Bile Duct	125	3.4	2.8	4.1	45	4.4	3.2	6.0
Pancreas	360	9.7	8.7	10.8	117	12.5	10.2	15.1
Larynx	169	4.6	4.0	5.4	67	6.5	5.0	8.4
Lung and Bronchus	2,650	71.5	68.8	74.3	736	75.8	70.2	81.7
Bones and Joints	39	1.1	0.8	1.5	18	**	**	**
Soft Tissue	101	2.8	2.3	3.4	30	2.3	1.5	3.5
Melanomas of the Skin	858	23.3	21.8	25.0	16	**	**	**
Breast	2,777	75.3	72.6	78.2	834	73.8	68.6	79.3
Cervix	130				73			
Uterus	510				89			
Ovary	292				51			
Prostate	2,556				904			
Testis	115				7			
Urinary Bladder	775	20.9	19.4	22.4	77	8.1	6.4	10.3
Kidney and Renal Pelvis	434	11.8	10.7	13.0	116	10.7	8.8	13.0
Eye	19	**	**	**	<6	**	**	**
Brain and Other Nervous System	240	6.6	5.8	7.5	60	4.7	3.6	6.3
Thyroid	282	7.8	6.9	8.7	59	4.3	3.3	5.8
Leukemias	319	8.7	7.8	9.7	91	8.3	6.6	10.3
Hodgkins Disease	103	2.9	2.4	3.5	33	2.2	1.5	3.2
Non-Hodgkins Lymphomas	618	16.7	15.4	18.1	143	12.1	10.1	14.5
Multiple Myeloma	153	4.1	3.5	4.9	81	8.2	6.5	10.4
Unknown Primary/Other/III Defined Sites	495	13.4	12.2	14.6	170	17.4	14.8	20.5

\*Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population. Unknown race (N=555) and other race (N=592) 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	8,766	543.6	532.1	555.3	2,497	595.4	570.5	621.4
<b>Major Sites</b>	8,500				2,446			
Oral Cavity and Pharynx	265	15.7	13.9	17.8	91	18.0	14.4	22.8
Esophagus	156	9.7	8.2	11.4	58	13.3	10.0	17.8
Stomach	134	8.4	7.0	10.0	63	18.4	13.7	24.3
Colon and Rectum	963	61.4	57.5	65.5	262	65.7	57.4	75.2
Liver and Intrahepatic Bile Duct	77	5.0	3.9	6.3	34	7.4	5.0	11.0
Pancreas	176	11.0	9.4	12.8	56	12.9	9.5	17.4
Larynx	132	7.9	6.6	9.4	57	13.2	9.8	17.7
Lung and Bronchus	1,440	90.3	85.6	95.2	428	105.2	94.8	116.6
Bones and Joints	20	**	**	**	13	**	**	**
Soft Tissue	53	3.3	2.4	4.3	19	**	**	**
Melanomas of the Skin	473	28.4	25.9	31.2	9	**	**	**
Breast	25	**	**	**	12	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	2,556	157.4	151.3	163.7	904	226.8	211.3	243.4
Testis	115	6.4	5.3	7.7	7	**	**	**
Urinary Bladder	544	34.8	31.9	38.0	50	12.2	8.8	16.8
Kidney and Renal Pelvis	260	15.5	13.6	17.6	69	14.6	11.2	19.2
Eye	7	**	**	**	<6	**	**	**
Brain and Other Nervous System	134	7.9	6.6	9.4	31	6.0	3.8	9.3
Thyroid	62	3.5	2.7	4.5	6	**	**	**
Leukemias	188	12.1	10.4	14.0	48	10.6	7.4	15.1
Hodgkins Disease	56	3.2	2.4	4.2	18	**	**	**
Non-Hodgkins Lymphomas	333	20.3	18.1	22.7	81	14.9	11.6	19.2
Multiple Myeloma	83	5.3	4.2	6.7	40	9.9	6.9	14.3
Unknown Primary/Other/III Defined Sites	248	16.2	14.2	18.5	88	20.8	16.3	26.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	8,545	422.6	413.7	431.8	2,310	382.1	366.3	398.6
<b>Major Sites</b>	8,288				2,223			
Oral Cavity and Pharynx	116	5.7	4.7	6.9	41	6.8	4.8	9.3
Esophagus	47	2.2	1.6	3.0	18	**	**	**
Stomach	70	3.3	2.5	4.1	39	6.9	4.9	9.6
Colon and Rectum	919	42.5	39.7	45.3	278	49.9	44.1	56.4
Liver and Intrahepatic Bile Duct	48	2.2	1.6	3.0	11	**	**	**
Pancreas	184	8.5	7.3	9.9	61	11.6	8.8	15.1
Larynx	37	1.9	1.3	2.6	10	**	**	**
Lung and Bronchus	1,209	58.5	55.3	62.0	308	55.0	48.9	61.7
Bones and Joints	19	**	**	**	<6	**	**	**
Soft Tissue	48	2.5	1.8	3.3	11	**	**	**
Melanomas of the Skin	385	20.0	18.1	22.2	7	**	**	**
Breast	2,752	139.5	134.3	144.9	822	127.7	118.9	137.1
Cervix	130	6.7	5.6	8.0	73	10.8	8.4	13.8
Uterus	510	25.9	23.7	28.3	89	15.5	12.4	19.3
Ovary	292	14.9	13.2	16.7	51	8.6	6.4	11.5
Prostate								
Testis								
Urinary Bladder	230	10.7	9.3	12.2	27	5.2	3.4	7.6
Kidney and Renal Pelvis	174	8.5	7.3	9.9	47	7.7	5.6	10.4
Eye	12	**	**	**	<6	**	**	**
Brain and Other Nervous System	106	5.5	4.5	6.7	29	4.0	2.7	6.0
Thyroid	220	12.0	10.4	13.7	53	7.1	5.3	9.4
Leukemias	131	6.4	5.4	7.7	43	6.9	4.9	9.5
Hodgkins Disease	47	2.6	1.9	3.4	15	**	**	**
Non-Hodgkins Lymphomas	285	13.6	12.0	15.3	62	9.7	7.4	12.7
Multiple Myeloma	70	3.3	2.6	4.2	41	7.2	5.1	9.9
Unknown Primary/Other/III Defined Sites	247	11.6	10.2	13.1	82	14.8	11.7	18.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Maryland, 1999**

	<b>Count</b>	<b>Rate</b>	<b>Lower CI</b>	<b>Upper CI</b>
<b>All Sites</b>	10,096	211.7	207.6	215.9
<b>Major Sites</b>	9,813			
Oral Cavity and Pharynx	144	3.0	2.5	3.5
Esophagus	237	4.9	4.3	5.6
Stomach	222	4.7	4.1	5.3
Colon and Rectum	1,059	22.5	21.2	23.9
Liver and Intrahepatic Bile Duct	210	4.4	3.8	5.0
Pancreas	557	11.7	10.7	12.7
Larynx	90	1.9	1.5	2.3
Lung and Bronchus	2,841	59.4	57.3	61.7
Bones and Joints	15	**	**	**
Soft Tissue	74	1.5	1.2	1.9
Melanomas of the Skin	112	2.3	1.9	2.8
Breast	788	16.3	15.1	17.5
Cervix	77			
Uterus	127			
Ovary	213			
Prostate	574			
Testis	6			
Urinary Bladder	228	4.9	4.3	5.6
Kidney and Renal Pelvis	171	3.5	3.0	4.1
Eye	<6	**	**	**
Brain and Other Nervous System	193	3.9	3.4	4.5
Thyroid	19	**	**	**
Leukemias	341	7.2	6.4	8.0
Hodgkins Disease	29	0.6	0.4	0.8
Non-Hodgkins Lymphomas	402	8.5	7.6	9.3
Multiple Myeloma	225	4.7	4.1	5.4
Unknown Primary/Other/III Defined Sites	854	17.9	16.7	19.1

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	5,208	266.2	258.8	273.8	4,888	177.3	172.3	182.3
<b>Major Sites</b>	5,072				4,741			
Oral Cavity and Pharynx	98	4.7	3.8	5.8	46	1.7	1.2	2.2
Esophagus	186	9.0	7.7	10.4	51	1.9	1.4	2.5
Stomach	120	6.3	5.2	7.6	102	3.7	3.0	4.4
Colon and Rectum	509	26.4	24.1	28.9	550	19.6	18.0	21.3
Liver and Intrahepatic Bile Duct	122	6.0	5.0	7.3	88	3.2	2.5	3.9
Pancreas	274	13.6	12.0	15.4	283	10.3	9.1	11.5
Larynx	66	3.1	2.4	4.0	24	**	**	**
Lung and Bronchus	1,624	81.2	77.2	85.4	1,217	44.4	42.0	47.0
Bones and Joints	10	**	**	**	<6	**	**	**
Soft Tissue	42	1.9	1.4	2.7	32	1.2	0.8	1.7
Melanomas of the Skin	67	3.3	2.5	4.2	45	1.7	1.2	2.2
Breast	6	**	**	**	782	28.5	26.5	30.6
Cervix					77	2.8	2.2	3.5
Uterus					127	4.6	3.9	5.5
Ovary					213	7.8	6.8	8.9
Prostate	574	34.1	31.2	37.1				
Testis	6	**	**	**				
Urinary Bladder	148	8.2	6.9	9.7	80	2.8	2.2	3.5
Kidney and Renal Pelvis	100	4.7	3.8	5.8	71	2.6	2.0	3.2
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	109	4.9	4.0	6.0	84	3.1	2.5	3.9
Thyroid	12	**	**	**	7	**	**	**
Leukemias	202	10.3	8.9	11.9	139	5.0	4.2	5.9
Hodgkins Disease	15	**	**	**	14	**	**	**
Non-Hodgkins Lymphomas	221	11.2	9.7	12.9	181	6.5	5.6	7.5
Multiple Myeloma	115	5.8	4.8	7.0	110	4.0	3.3	4.9
Unknown Primary/Other/III Defined Sites	444	22.0	20.0	24.3	410	14.8	13.4	16.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	7,560	204.0	199.4	208.7	2,394	257.9	247.3	268.9
<b>Major Sites</b>	7,331				2,346			
Oral Cavity and Pharynx	100	2.7	2.2	3.3	43	4.1	2.9	5.6
Esophagus	167	4.5	3.8	5.3	70	7.0	5.4	9.0
Stomach	137	3.7	3.1	4.4	72	7.8	6.0	10.0
Colon and Rectum	763	20.6	19.2	22.1	278	31.2	27.5	35.3
Liver and Intrahepatic Bile Duct	136	3.7	3.1	4.3	53	5.4	4.0	7.2
Pancreas	416	11.2	10.2	12.4	128	13.6	11.3	16.3
Larynx	67	1.8	1.4	2.3	23	**	**	**
Lung and Bronchus	2,182	58.8	56.3	61.3	636	68.3	62.9	74.1
Bones and Joints	13	**	**	**	<6	**	**	**
Soft Tissue	60	1.6	1.3	2.1	12	**	**	**
Melanomas of the Skin	110	3.0	2.4	3.6	<6	**	**	**
Breast	569	15.4	14.2	16.7	215	21.1	18.3	24.4
Cervix	49				26			
Uterus	93				34			
Ovary	173				37			
Prostate	380				188			
Testis	<6				<6			
Urinary Bladder	186	5.0	4.3	5.8	42	5.2	3.7	7.2
Kidney and Renal Pelvis	134	3.6	3.0	4.3	35	3.5	2.4	5.1
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	163	4.5	3.8	5.2	29	2.5	1.6	3.8
Thyroid	16	**	**	**	<6	**	**	**
Leukemias	270	7.3	6.4	8.2	66	6.7	5.1	8.7
Hodgkins Disease	19	**	**	**	9	**	**	**
Non-Hodgkins Lymphomas	338	9.1	8.2	10.2	61	6.1	4.6	8.0
Multiple Myeloma	141	3.8	3.2	4.5	81	8.8	6.9	11.1
Unknown Primary/Other/III Defined Sites	640	17.2	15.9	18.6	199	21.5	18.5	24.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,863	253.2	245.1	261.5	1,269	343.8	323.6	365.2
<b>Major Sites</b>	3,754				1,246			
Oral Cavity and Pharynx	62	4.0	3.0	5.2	35	7.9	5.3	11.7
Esophagus	130	8.2	6.8	9.8	56	13.4	9.9	18.0
Stomach	79	5.3	4.2	6.7	35	10.0	6.8	14.5
Colon and Rectum	364	24.3	21.8	27.0	136	37.1	30.7	44.7
Liver and Intrahepatic Bile Duct	76	5.0	3.9	6.4	31	7.1	4.7	10.8
Pancreas	207	13.4	11.6	15.4	61	14.5	10.9	19.4
Larynx	44	2.7	1.9	3.7	22	**	**	**
Lung and Bronchus	1,225	78.2	73.8	82.8	385	103.3	92.5	115.3
Bones and Joints	9	**	**	**	<6	**	**	**
Soft Tissue	33	2.0	1.4	2.9	7	**	**	**
Melanomas of the Skin	66	4.2	3.2	5.4	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	380	28.1	25.2	31.1	188	67.4	57.6	78.5
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	125	8.7	7.2	10.4	23	**	**	**
Kidney and Renal Pelvis	77	4.8	3.8	6.1	21	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	94	5.7	4.6	7.0	15	**	**	**
Thyroid	9	**	**	**	<6	**	**	**
Leukemias	163	10.7	9.1	12.6	36	7.9	5.2	11.8
Hodgkins Disease	10	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	187	12.3	10.5	14.3	34	8.2	5.5	12.2
Multiple Myeloma	69	4.6	3.5	5.9	44	11.5	8.2	16.0
Unknown Primary/Other/III Defined Sites	336	21.6	19.3	24.1	102	24.8	19.8	30.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,697	173.6	168.0	179.3	1,125	203.6	191.6	216.3
<b>Major Sites</b>	3,577				1,100			
Oral Cavity and Pharynx	38	1.8	1.3	2.5	8	**	**	**
Esophagus	37	1.7	1.2	2.4	14	**	**	**
Stomach	58	2.6	2.0	3.4	37	6.4	4.5	9.0
Colon and Rectum	399	17.8	16.1	19.7	142	26.8	22.5	31.8
Liver and Intrahepatic Bile Duct	60	2.8	2.1	3.6	22	**	**	**
Pancreas	209	9.7	8.4	11.2	67	12.6	9.7	16.2
Larynx	23	**	**	**	<6	**	**	**
Lung and Bronchus	957	45.2	42.4	48.2	251	45.8	40.2	52.0
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	27	1.4	0.9	2.0	<6	**	**	**
Melanomas of the Skin	44	2.2	1.6	3.0	<6	**	**	**
Breast	567	27.4	25.1	29.7	211	35.5	30.8	40.9
Cervix	49	2.4	1.8	3.2	26	4.2	2.7	6.3
Uterus	93	4.4	3.6	5.4	34	6.5	4.5	9.2
Ovary	173	8.3	7.1	9.7	37	6.9	4.8	9.6
Prostate								
Testis								
Urinary Bladder	61	2.7	2.1	3.6	19	**	**	**
Kidney and Renal Pelvis	57	2.7	2.0	3.5	14	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	69	3.5	2.7	4.5	14	**	**	**
Thyroid	7	**	**	**	<6	**	**	**
Leukemias	107	4.9	4.0	6.0	30	5.7	3.8	8.2
Hodgkins Disease	9	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	151	6.9	5.8	8.1	27	4.7	3.0	7.0
Multiple Myeloma	72	3.4	2.6	4.3	37	6.8	4.8	9.5
Unknown Primary/Other/III Defined Sites	304	14.1	12.6	15.8	97	18.5	14.9	22.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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
Tables 2 - 2f:	Age-Adjusted Cancer Incidence Rates by Site, Gender, Region and Jurisdiction
Tables 3 – 3f:	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 – 6f:	Age-Adjusted Cancer Mortality Rates by Site, Region and Jurisdiction
Tables 7 – 7f:	Age-Adjusted Cancer Mortality Rates by Site, Gender, Region and Jurisdiction
Tables 8 – 8f:	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 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% (CI) By Major Site, All Races, Both Sexes, Baltimore Metro Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	11,859	492.4	483.6	501.4
<b>Major Sites</b>	11,482			
Oral Cavity and Pharynx	282	11.7	10.3	13.1
Esophagus	161	6.7	5.7	7.8
Stomach	181	7.6	6.6	8.8
Colon and Rectum	1,250	52.6	49.7	55.6
Liver and Intrahepatic Bile Duct	91	3.8	3.1	4.7
Pancreas	263	11.1	9.8	12.5
Larynx	123	5.1	4.2	6.1
Lung and Bronchus	1,848	77.1	73.6	80.7
Bones and Joints	35	1.4	1.0	2.0
Soft Tissue	73	3.0	2.4	3.8
Melanomas of the Skin	462	18.9	17.2	20.7
Breast	1,819	74.8	71.4	78.3
Cervix	102			
Uterus	290			
Ovary	176			
Prostate	1,984			
Testis	66			
Urinary Bladder	499	20.9	19.1	22.8
Kidney and Renal Pelvis	297	12.3	10.9	13.8
Eye	9	**	**	**
Brain and Other Nervous System	161	6.6	5.6	7.7
Thyroid	140	5.6	4.7	6.6
Leukemias	198	8.3	7.2	9.5
Hodgkins Disease	78	3.1	2.5	3.9
Non-Hodgkins Lymphomas	403	16.6	15.0	18.3
Multiple Myeloma	114	4.7	3.9	5.7
Unknown Primary/Other/III Defined Sites	377	15.9	14.3	17.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Anne Arundel County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,984	466.3	445.7	487.7
<b>Major Sites</b>	1,924			
Oral Cavity and Pharynx	47	10.8	7.9	14.6
Esophagus	20	**	***	**
Stomach	30	7.7	5.2	11.2
Colon and Rectum	185	45.2	38.8	52.5
Liver and Intrahepatic Bile Duct	16	**	**	**
Pancreas	42	10.5	7.5	14.3
Larynx	25	**	**	**
Lung and Bronchus	304	73.8	65.7	82.8
Bones and Joints	6	**	**	**
Soft Tissue	9	**	**	**
Melanomas of the Skin	96	21.3	17.2	26.3
Breast	330	74.3	66.3	83.0
Cervix	15			
Uterus	57			
Ovary	37			
Prostate	317			
Testis	12			
Urinary Bladder	91	22.3	17.9	27.6
Kidney and Renal Pelvis	42	9.3	6.7	12.8
Eye	<6	**	**	**
Brain and Other Nervous System	33	7.1	4.9	10.3
Thyroid	25	**	**	**
Leukemias	31	7.7	5.2	11.1
Hodgkins Disease	17	**	**	**
Non-Hodgkins Lymphomas	65	14.9	11.4	19.2
Multiple Myeloma	15	**	**	**
Unknown Primary/Other/III Defined Sites	57	13.7	10.3	18.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Baltimore City, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,268	516.0	498.4	534.1
<b>Major Sites</b>	3,152			
Oral Cavity and Pharynx	86	14.1	11.2	17.4
Esophagus	56	8.9	6.7	11.6
Stomach	61	9.6	7.3	12.4
Colon and Rectum	360	56.7	51.0	62.9
Liver and Intrahepatic Bile Duct	32	5.1	3.5	7.3
Pancreas	78	12.3	9.7	15.4
Larynx	56	8.9	6.7	11.6
Lung and Bronchus	603	94.7	87.3	102.6
Bones and Joints	7	**	**	**
Soft Tissue	21	**	**	**
Melanomas of the Skin	56	8.7	6.5	11.3
Breast	459	74.3	67.6	81.4
Cervix	39			
Uterus	59			
Ovary	36			
Prostate	557			
Testis	8			
Urinary Bladder	97	15.4	12.5	18.8
Kidney and Renal Pelvis	73	11.7	9.1	14.7
Eye	<6	**	**	**
Brain and Other Nervous System	38	5.9	4.2	8.2
Thyroid	28	4.7	3.1	6.8
Leukemias	62	9.6	7.3	12.3
Hodgkins Disease	20	**	**	**
Non-Hodgkins Lymphomas	97	15.5	12.6	19.0
Multiple Myeloma	36	5.6	3.9	7.8
Unknown Primary/Other/III Defined Sites	123	19.3	16.0	23.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Baltimore County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	4,158	496.4	481.4	511.9
<b>Major Sites</b>	4,034			
Oral Cavity and Pharynx	93	11.2	9.1	13.8
Esophagus	58	6.7	5.1	8.8
Stomach	55	6.5	4.9	8.6
Colon and Rectum	472	55.5	50.6	60.8
Liver and Intrahepatic Bile Duct	24	**	**	**
Pancreas	91	10.8	8.7	13.3
Larynx	23	**	**	**
Lung and Bronchus	608	70.3	64.8	76.1
Bones and Joints	15	**	**	**
Soft Tissue	27	3.4	2.3	5.1
Melanomas of the Skin	176	21.7	18.6	25.2
Breast	654	80.7	74.6	87.2
Cervix	28			
Uterus	110			
Ovary	65			
Prostate	698			
Testis	21			
Urinary Bladder	211	24.6	21.3	28.2
Kidney and Renal Pelvis	105	12.7	10.4	15.4
Eye	<6	**	**	**
Brain and Other Nervous System	46	6.0	4.4	8.0
Thyroid	43	5.5	3.9	7.5
Leukemias	62	7.8	6.0	10.1
Hodgkins Disease	21	**	**	**
Non-Hodgkins Lymphomas	156	18.8	16.0	22.1
Multiple Myeloma	43	5.1	3.7	7.0
Unknown Primary/Other/III Defined Sites	126	14.8	12.3	17.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Carroll County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	622	456.0	420.6	493.7
<b>Major Sites</b>	596			
Oral Cavity and Pharynx	18	**	**	**
Esophagus	11	**	**	**
Stomach	12	**	**	**
Colon and Rectum	59	43.8	33.3	56.7
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	13	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	77	58.6	46.2	73.5
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	33	21.6	14.8	30.7
Breast	88	61.9	49.5	76.6
Cervix	<6			
Uterus	16			
Ovary	13			
Prostate	121			
Testis	7			
Urinary Bladder	24	**	**	**
Kidney and Renal Pelvis	9	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	11	**	**	**
Thyroid	9	**	**	**
Leukemias	15	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	22	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Harford County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	976	519.7	487.2	554.0
<b>Major Sites</b>	949			
Oral Cavity and Pharynx	21	**	**	**
Esophagus	14	**	**	**
Stomach	7	**	**	**
Colon and Rectum	99	55.0	44.6	67.3
Liver and Intrahepatic Bile Duct	9	**	**	**
Pancreas	23	**	**	**
Larynx	8	**	**	**
Lung and Bronchus	140	77.4	65.0	91.7
Bones and Joints	<6	**	**	**
Soft Tissue	8	**	**	**
Melanomas of the Skin	59	28.6	21.7	37.4
Breast	143	71.9	60.5	85.2
Cervix	9			
Uterus	24			
Ovary	10			
Prostate	162			
Testis	<6			
Urinary Bladder	41	23.3	16.6	31.9
Kidney and Renal Pelvis	39	20.7	14.7	28.7
Eye	<6	**	**	**
Brain and Other Nervous System	17	**	**	**
Thyroid	18	**	**	**
Leukemias	15	**	**	**
Hodgkins Disease	9	**	**	**
Non-Hodgkins Lymphomas	37	20.0	14.0	28.0
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Howard County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	851	476.6	443.8	511.5
<b>Major Sites</b>	827			
Oral Cavity and Pharynx	17	**	**	**
Esophagus	<6	**	**	**
Stomach	16	**	**	**
Colon and Rectum	75	46.8	36.4	59.4
Liver and Intrahepatic Bile Duct	6	**	**	**
Pancreas	16	**	**	**
Larynx	8	**	**	**
Lung and Bronchus	116	71.4	58.7	86.3
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	42	18.9	13.3	26.6
Breast	145	72.8	60.9	86.7
Cervix	7			
Uterus	24			
Ovary	15			
Prostate	129			
Testis	14			
Urinary Bladder	35	21.7	14.9	30.8
Kidney and Renal Pelvis	29	16.2	10.7	24.0
Eye	<6	**	**	**
Brain and Other Nervous System	16	**	**	**
Thyroid	17	**	**	**
Leukemias	13	**	**	**
Hodgkins Disease	8	**	**	**
Non-Hodgkins Lymphomas	26	12.8	8.2	19.7
Multiple Myeloma	12	**	**	**
Unknown Primary/Other/III Defined Sites	32	20.3	13.7	29.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	6,159	596.2	581.1	611.6	5,699	423.5	412.5	434.7
<b>Major Sites</b>	5,786				5,318			
Oral Cavity and Pharynx	204	18.5	16.0	21.3	78	5.8	4.6	7.3
Esophagus	121	11.6	9.6	14.0	40	2.9	2.1	4.0
Stomach	112	11.6	9.5	14.1	69	5.0	3.9	6.4
Colon and Rectum	616	61.3	56.4	66.5	634	45.8	42.3	49.5
Liver and Intrahepatic Bile Duct	57	5.7	4.3	7.5	34	2.5	1.7	3.5
Pancreas	129	12.7	10.5	15.2	134	9.7	8.2	11.6
Larynx	95	8.5	6.9	10.6	28	2.1	1.4	3.1
Lung and Bronchus	995	98.2	92.1	104.7	852	62.9	58.7	67.3
Bones and Joints	19	**	**	**	16	**	**	**
Soft Tissue	42	3.9	2.8	5.4	31	2.4	1.6	3.4
Melanomas of the Skin	258	24.0	21.1	27.3	204	15.4	13.3	17.7
Breast	17	**	**	**	1,802	135.6	129.4	142.1
Cervix					102	7.6	6.2	9.3
Uterus					290	21.8	19.4	24.5
Ovary					176	13.4	11.4	15.5
Prostate	1,984	193.3	184.8	202.2				
Testis	66	5.3	4.1	6.8				
Urinary Bladder	342	34.0	30.4	37.9	157	11.3	9.6	13.2
Kidney and Renal Pelvis	175	16.1	13.8	18.8	122	9.1	7.5	10.8
Eye	<6	**	**	**	6	**	**	**
Brain and Other Nervous System	89	7.9	6.3	9.9	72	5.5	4.3	7.0
Thyroid	34	2.8	1.9	4.1	106	8.2	6.7	10.0
Leukemias	108	10.9	8.9	13.3	90	6.7	5.3	8.2
Hodgkins Disease	41	3.4	2.5	4.8	37	2.9	2.0	4.0
Non-Hodgkins Lymphomas	219	20.1	17.4	23.0	184	13.5	11.6	15.6
Multiple Myeloma	60	5.9	4.5	7.7	54	3.9	3.0	5.2
Unknown Primary/Other/III Defined Sites	189	18.9	16.3	22.0	188	13.6	11.7	15.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,018	539.7	505.3	576.4	965	416.4	390.4	443.7
<b>Major Sites</b>	988				935			
Oral Cavity and Pharynx	35	17.0	11.6	25.1	12	**	**	**
Esophagus	16	**	**	**	<6	**	**	**
Stomach	21	**	**	**	9	**	**	**
Colon and Rectum	99	55.3	44.3	69.0	86	37.8	30.2	46.8
Liver and Intrahepatic Bile Duct	12	**	**	**	<6	**	**	**
Pancreas	25	**	**	**	17	**	**	**
Larynx	19	**	**	**	6	**	**	**
Lung and Bronchus	159	86.1	72.7	101.9	144	63.8	53.8	75.2
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	<6	**	**	**
Melanomas of the Skin	58	29.4	21.8	39.5	38	15.7	11.1	21.7
Breast	<6	**	**	**	329	139.2	124.5	155.3
Cervix					15	**	**	**
Uterus					57	24.9	18.8	32.4
Ovary					37	16.5	11.6	22.8
Prostate	317	168.8	150.1	190.1				
Testis	12	**	**	**				
Urinary Bladder	66	36.5	27.9	47.7	25	**	**	**
Kidney and Renal Pelvis	25	**	**	**	17	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	14	**	**	**	19	**	**	**
Thyroid	<6	**	**	**	22	**	**	**
Leukemias	14	**	**	**	17	**	**	**
Hodgkins Disease	<6	**	**	**	13	**	**	**
Non-Hodgkins Lymphomas	42	20.6	14.4	29.5	23	**	**	**
Multiple Myeloma	7	**	**	**	8	**	**	**
Unknown Primary/Other/III Defined Sites	27	15.2	9.6	23.7	30	13.1	8.8	18.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,707	662.6	631.2	695.3	1,561	422.5	401.6	444.3
<b>Major Sites</b>	1,657				1,495			
Oral Cavity and Pharynx	64	23.9	18.4	30.8	22	**	**	**
Esophagus	41	15.6	11.2	21.4	15	**	**	**
Stomach	38	15.1	10.6	21.0	23	**	**	**
Colon and Rectum	162	64.0	54.5	75.0	198	51.9	44.9	59.9
Liver and Intrahepatic Bile Duct	21	**	**	**	11	**	**	**
Pancreas	36	14.3	10.0	20.1	42	10.9	7.8	14.8
Larynx	43	16.1	11.6	22.0	13	**	**	**
Lung and Bronchus	326	128.0	114.3	143.0	277	73.8	65.3	83.2
Bones and Joints	6	**	**	**	<6	**	**	**
Soft Tissue	12	**	**	**	9	**	**	**
Melanomas of the Skin	34	12.9	8.9	18.4	22	**	**	**
Breast	6	**	**	**	453	126.8	115.3	139.3
Cervix					39	10.8	7.7	14.9
Uterus					59	16.1	12.2	20.9
Ovary					36	9.8	6.9	13.8
Prostate	557	216.8	199.0	236.0				
Testis	8	**	**	**				
Urinary Bladder	62	25.0	19.1	32.3	35	9.1	6.3	12.8
Kidney and Renal Pelvis	35	13.7	9.5	19.4	38	10.3	7.3	14.3
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	21	**	**	**	17	**	**	**
Thyroid	6	**	**	**	22	**	**	**
Leukemias	33	13.1	8.9	18.7	29	7.5	5.0	11.0
Hodgkins Disease	12	**	**	**	8	**	**	**
Non-Hodgkins Lymphomas	51	19.4	14.4	25.8	46	12.4	9.0	16.7
Multiple Myeloma	17	**	**	**	19	**	**	**
Unknown Primary/Other/III Defined Sites	63	24.9	19.0	32.1	60	15.4	11.7	19.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,111	576.8	552.1	602.5	2,047	445.4	426.0	465.5
<b>Major Sites</b>	2,050				1,984			
Oral Cavity and Pharynx	60	16.5	12.6	21.5	33	7.1	4.8	10.1
Esophagus	41	10.9	7.8	15.0	17	**	**	**
Stomach	27	8.0	5.2	11.9	28	5.9	3.9	8.7
Colon and Rectum	226	62.6	54.6	71.7	246	49.3	43.2	56.1
Liver and Intrahepatic Bile Duct	17	**	**	**	7	**	**	**
Pancreas	45	12.5	9.1	17.0	46	9.3	6.8	12.6
Larynx	17	**	**	**	6	**	**	**
Lung and Bronchus	332	90.6	81.0	101.3	276	56.3	49.8	63.6
Bones and Joints	<6	**	**	**	10	**	**	**
Soft Tissue	13	**	**	**	14	**	**	**
Melanomas of the Skin	90	24.9	19.9	30.8	86	19.9	15.9	24.8
Breast	8	**	**	**	646	146.9	135.6	158.9
Cervix					28	6.7	4.5	9.9
Uterus					110	24.2	19.9	29.4
Ovary					65	15.1	11.6	19.4
Prostate	698	186.9	173.1	201.7				
Testis	21	**	**	**				
Urinary Bladder	142	38.9	32.7	46.2	69	13.9	10.8	17.8
Kidney and Renal Pelvis	65	17.4	13.4	22.4	40	8.8	6.2	12.2
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	28	7.9	5.2	11.7	18	**	**	**
Thyroid	13	**	**	**	30	7.5	5.0	10.9
Leukemias	31	9.2	6.2	13.4	31	7.3	4.9	10.6
Hodgkins Disease	11	**	**	**	10	**	**	**
Non-Hodgkins Lymphomas	72	19.6	15.2	25.0	84	17.8	14.2	22.3
Multiple Myeloma	24	**	**	**	19	**	**	**
Unknown Primary/Other/III Defined Sites	64	18.1	13.8	23.4	62	12.3	9.4	16.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	359	601.6	540.0	669.1	263	347.1	306.0	392.6
<b>Major Sites</b>	345				251			
Oral Cavity and Pharynx	17	**	**	**	<6	**	**	**
Esophagus	9	**	**	**	<6	**	**	**
Stomach	10	**	**	**	<6	**	**	**
Colon and Rectum	29	51.1	34.0	74.6	30	36.6	24.5	53.3
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	7	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	46	80.2	58.5	108.1	31	44.2	30.0	63.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	21	**	**	**	12	**	**	**
Breast	<6	**	**	**	88	116.3	93.1	144.1
Cervix					<6	**	**	**
Uterus					16	**	**	**
Ovary					13	**	**	**
Prostate	121	210.6	174.4	252.8				
Testis	7	**	**	**				
Urinary Bladder	19	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	14	**	**	**	8	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	529	653.4	595.8	716.9	447	433.4	394.0	476.0
<b>Major Sites</b>	513				436			
Oral Cavity and Pharynx	17	**	**	**	<6	**	**	**
Esophagus	12	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	60	75.6	56.7	100.8	39	38.9	27.6	53.5
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	14	**	**	**	9	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	70	92.7	71.1	120.7	70	70.1	54.6	88.9
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	27	28.4	18.5	44.7	32	29.0	19.8	41.4
Breast	<6	**	**	**	142	136.4	114.8	161.3
Cervix					9	**	**	**
Uterus					24	**	**	**
Ovary					10	**	**	**
Prostate	162	202.9	171.5	240.3				
Testis	<6	**	**	**				
Urinary Bladder	29	38.7	25.2	59.0	12	**	**	**
Kidney and Renal Pelvis	25	**	**	**	14	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	13	**	**	**	<6	**	**	**
Thyroid	6	**	**	**	12	**	**	**
Leukemias	9	**	**	**	6	**	**	**
Hodgkins Disease	7	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	22	**	**	**	15	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	15	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	435	566.2	509.7	628.9	416	415.9	375.8	459.4
<b>Major Sites</b>	422				405			
Oral Cavity and Pharynx	11	**	**	**	6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	11	**	**	**	<6	**	**	**
Colon and Rectum	40	61.2	42.5	87.2	35	36.0	24.8	50.8
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	13	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	62	88.6	66.8	117.1	54	60.4	45.2	79.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	28	27.5	17.0	45.1	14	**	**	**
Breast	<6	**	**	**	144	137.3	115.2	162.8
Cervix					7	**	**	**
Uterus					24	**	**	**
Ovary					15	**	**	**
Prostate	129	174.1	143.4	211.4				
Testis	14	**	**	**				
Urinary Bladder	24	**	**	**	11	**	**	**
Kidney and Renal Pelvis	22	**	**	**	7	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	10	**	**	**
Thyroid	<6	**	**	**	15	**	**	**
Leukemias	10	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	18	**	**	**	8	**	**	**
Multiple Myeloma	6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	18	**	**	**	14	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	8,826	485.1	475.1	495.4	2,601	486.1	467.1	505.8
<b>Major Sites</b>	8,548				2,517			
Oral Cavity and Pharynx	192	10.6	9.2	12.3	80	13.8	10.9	17.3
Esophagus	108	5.9	4.8	7.1	51	9.4	7.0	12.6
Stomach	110	6.0	4.9	7.2	62	12.2	9.3	15.9
Colon and Rectum	931	50.8	47.6	54.2	277	54.6	48.2	61.7
Liver and Intrahepatic Bile Duct	59	3.2	2.5	4.2	29	5.5	3.7	8.1
Pancreas	193	10.5	9.1	12.1	67	13.5	10.4	17.3
Larynx	75	4.2	3.3	5.3	47	8.4	6.2	11.4
Lung and Bronchus	1,402	76.4	72.4	80.5	429	82.4	74.6	90.8
Bones and Joints	23	**	**	**	10	**	**	**
Soft Tissue	52	3.0	2.2	3.9	16	**	**	**
Melanomas of the Skin	448	24.9	22.6	27.3	9	**	**	**
Breast	1,363	75.2	71.2	79.3	413	73.7	66.6	81.5
Cervix	61				34			
Uterus	243				37			
Ovary	156				18			
Prostate	1,318				480			
Testis	62				<6			
Urinary Bladder	437	23.8	21.6	26.1	51	10.1	7.5	13.5
Kidney and Renal Pelvis	222	12.2	10.7	14.0	69	12.2	9.4	15.6
Eye	7	**	**	**	<6	**	**	**
Brain and Other Nervous System	119	6.8	5.6	8.1	37	5.9	4.1	8.3
Thyroid	113	6.4	5.3	7.7	19	**	**	**
Leukemias	151	8.4	7.1	9.8	40	7.2	5.1	10.0
Hodgkins Disease	53	3.1	2.3	4.0	22	**	**	**
Non-Hodgkins Lymphomas	309	17.0	15.1	19.0	72	12.3	9.5	15.7
Multiple Myeloma	65	3.6	2.7	4.5	47	8.9	6.5	12.1
Unknown Primary/Other/III Defined Sites	276	15.1	13.4	17.0	95	18.2	14.6	22.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,694	####	449.5	495.4	204	355.8	307.5	410.7
<b>Major Sites</b>	1,643				200			
Oral Cavity and Pharynx	42	11.6	8.3	15.9	<6	**	**	**
Esophagus	18	**	**	**	<6	**	**	**
Stomach	22	**	**	**	<6	**	**	**
Colon and Rectum	153	44.5	37.6	52.4	18	**	**	**
Liver and Intrahepatic Bile Duct	13	**	**	**	<6	**	**	**
Pancreas	38	11.3	7.9	15.6	<6	**	**	**
Larynx	21	**	**	**	<6	**	**	**
Lung and Bronchus	271	77.6	68.6	87.7	28	52.1	34.4	76.9
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	8	**	**	**	<6	**	**	**
Melanomas of the Skin	94	24.8	19.9	30.6	<6	**	**	**
Breast	288	77.1	68.3	86.8	33	53.0	36.1	76.7
Cervix	12				<6			
Uterus	50				<6			
Ovary	35				<6			
Prostate	241				51			
Testis	11				<6			
Urinary Bladder	83	23.9	19.0	29.9	<6	**	**	**
Kidney and Renal Pelvis	37	9.7	6.8	13.7	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	30	7.9	5.3	11.5	<6	**	**	**
Thyroid	20	**	**	**	<6	**	**	**
Leukemias	25	**	**	**	<6	**	**	**
Hodgkins Disease	16	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	51	13.9	10.3	18.5	8	**	**	**
Multiple Myeloma	10	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	52	14.8	11.0	19.6	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,384	531.8	503.0	562.2	1,797	505.5	481.9	530.0
<b>Major Sites</b>	1,333				1,736			
Oral Cavity and Pharynx	24	**	**	**	60	15.6	11.9	20.3
Esophagus	17	**	**	**	39	10.6	7.5	14.7
Stomach	13	**	**	**	46	13.1	9.6	17.8
Colon and Rectum	166	57.6	48.9	68.0	190	55.6	47.8	64.4
Liver and Intrahepatic Bile Duct	9	**	**	**	23	**	**	**
Pancreas	32	11.4	7.7	16.9	45	13.6	9.8	18.4
Larynx	18	**	**	**	38	10.1	7.1	14.2
Lung and Bronchus	269	101.8	89.5	115.6	328	93.2	83.2	104.2
Bones and Joints	<6	**	**	**	6	**	**	**
Soft Tissue	11	**	**	**	10	**	**	**
Melanomas of the Skin	53	21.8	16.2	29.2	<6	**	**	**
Breast	185	73.4	62.7	85.7	270	75.8	66.8	85.7
Cervix	12				24			
Uterus	33				25			
Ovary	25				11			
Prostate	190				319			
Testis	6				<6			
Urinary Bladder	66	23.9	18.2	31.3	29	8.4	5.6	12.3
Kidney and Renal Pelvis	30	11.5	7.6	17.2	42	11.4	8.2	15.6
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	27	6.7	4.4	10.0
Thyroid	14	**	**	**	13	**	**	**
Leukemias	33	11.4	7.7	16.8	29	7.8	5.2	11.6
Hodgkins Disease	<6	**	**	**	14	**	**	**
Non-Hodgkins Lymphomas	49	19.2	14.0	26.2	46	12.1	8.8	16.4
Multiple Myeloma	10	**	**	**	25	**	**	**
Unknown Primary/Other/III Defined Sites	50	19.1	14.0	26.0	71	20.4	15.9	26.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,601	484.9	469.0	501.4	412	563.1	506.3	625.5
<b>Major Sites</b>	3,493				400			
Oral Cavity and Pharynx	76	10.4	8.2	13.2	13	**	**	**
Esophagus	51	6.5	4.9	8.8	7	**	**	**
Stomach	45	5.9	4.3	8.1	8	**	**	**
Colon and Rectum	410	53.4	48.3	59.0	48	74.6	53.8	101.8
Liver and Intrahepatic Bile Duct	21	**	**	**	<6	**	**	**
Pancreas	77	10.0	7.9	12.6	12	**	**	**
Larynx	20	**	**	**	<6	**	**	**
Lung and Bronchus	565	72.1	66.3	78.5	40	65.6	46.1	91.5
Bones and Joints	14	**	**	**	<6	**	**	**
Soft Tissue	19	**	**	**	<6	**	**	**
Melanomas of the Skin	169	24.3	20.7	28.5	<6	**	**	**
Breast	565	80.7	74.1	87.8	76	87.4	67.4	113.1
Cervix	20				7			
Uterus	101				<6			
Ovary	59				<6			
Prostate	554				75			
Testis	21				<6			
Urinary Bladder	197	25.5	22.0	29.5	13	**	**	**
Kidney and Renal Pelvis	87	11.8	9.4	14.7	17	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	39	6.0	4.3	8.4	<6	**	**	**
Thyroid	38	6.0	4.2	8.4	<6	**	**	**
Leukemias	53	7.7	5.7	10.2	7	**	**	**
Hodgkins Disease	16	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	134	18.5	15.5	22.1	13	**	**	**
Multiple Myeloma	29	3.7	2.5	5.5	14	**	**	**
Unknown Primary/Other/III Defined Sites	110	14.1	11.6	17.2	15	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	584	445.7	410.0	483.8	14	**	**	**
<b>Major Sites</b>	560				13			
Oral Cavity and Pharynx	18	**	**	**	<6	**	**	**
Esophagus	9	**	**	**	<6	**	**	**
Stomach	10	**	**	**	<6	**	**	**
Colon and Rectum	58	44.8	34.0	58.2	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	70	55.8	43.4	70.7	6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	33	22.5	15.4	32.1	<6	**	**	**
Breast	84	61.8	49.2	76.9	<6	**	**	**
Cervix	<6				<6			
Uterus	16				<6			
Ovary	13				<6			
Prostate	108				<6			
Testis	7				<6			
Urinary Bladder	21	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	9	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	<6	**	**	**
Thyroid	9	**	**	**	<6	**	**	**
Leukemias	15	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	19	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	884	530.3	495.6	567.1	67	392.4	302.8	504.2
<b>Major Sites</b>	859				66			
Oral Cavity and Pharynx	20	**	**	**	<6	**	**	**
Esophagus	12	**	**	**	<6	**	**	**
Stomach	6	**	**	**	<6	**	**	**
Colon and Rectum	89	55.6	44.6	68.8	9	**	**	**
Liver and Intrahepatic Bile Duct	7	**	**	**	<6	**	**	**
Pancreas	20	**	**	**	<6	**	**	**
Larynx	7	**	**	**	<6	**	**	**
Lung and Bronchus	131	81.4	67.9	96.9	9	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	<6	**	**	**
Melanomas of the Skin	58	32.1	24.3	41.9	<6	**	**	**
Breast	129	73.1	60.9	87.3	12	**	**	**
Cervix	7				<6			
Uterus	23				<6			
Ovary	10				<6			
Prostate	130				18			
Testis	<6				<6			
Urinary Bladder	39	24.8	17.6	34.2	<6	**	**	**
Kidney and Renal Pelvis	37	22.2	15.6	31.0	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	16	**	**	**	<6	**	**	**
Thyroid	16	**	**	**	<6	**	**	**
Leukemias	15	**	**	**	<6	**	**	**
Hodgkins Disease	8	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	35	21.3	14.8	30.0	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	679	473.6	437.5	512.3	107	403.0	324.4	499.2
<b>Major Sites</b>	660				102			
Oral Cavity and Pharynx	12	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	14	**	**	**	<6	**	**	**
Colon and Rectum	55	43.5	32.5	57.2	11	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	96	73.2	59.0	90.0	18	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	41	23.2	16.3	32.6	<6	**	**	**
Breast	112	71.3	58.2	86.8	22	**	**	**
Cervix	6				<6			
Uterus	20				<6			
Ovary	14				<6			
Prostate	95				15			
Testis	13				<6			
Urinary Bladder	31	24.0	16.2	34.6	<6	**	**	**
Kidney and Renal Pelvis	22	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	12	**	**	**	<6	**	**	**
Thyroid	16	**	**	**	<6	**	**	**
Leukemias	10	**	**	**	<6	**	**	**
Hodgkins Disease	6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	21	**	**	**	<6	**	**	**
Multiple Myeloma	8	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	26	20.4	13.2	30.5	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	4,501	566.8	550.1	583.9	####	625.6	591.0	662.1
<b>Major Sites</b>	4,359				####			
Oral Cavity and Pharynx	139	16.7	14.0	19.9	58	22.7	17.1	30.4
Esophagus	80	10.1	8.0	12.7	39	17.0	12.0	24.2
Stomach	70	9.1	7.1	11.6	36	19.1	13.0	27.6
Colon and Rectum	473	61.3	55.8	67.3	123	58.5	48.1	71.1
Liver and Intrahepatic Bile Duct	33	4.5	3.1	6.4	22	**	**	**
Pancreas	95	12.1	9.7	14.9	33	15.7	10.6	23.1
Larynx	57	6.7	5.1	8.9	38	16.2	11.4	23.3
Lung and Bronchus	752	95.9	89.1	103.2	233	108.0	94.0	124.2
Bones and Joints	10	**	**	**	7	**	**	**
Soft Tissue	27	3.5	2.3	5.3	10	**	**	**
Melanomas of the Skin	249	30.5	26.7	34.6	6	**	**	**
Breast	14	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	1,318	164.5	155.6	173.8	480	232.5	210.9	256.2
Testis	62	7.1	5.4	9.2	<6	**	**	**
Urinary Bladder	300	38.4	34.1	43.1	34	15.3	10.4	22.3
Kidney and Renal Pelvis	133	16.2	13.5	19.3	37	15.0	10.4	21.7
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	65	7.9	6.1	10.2	22	**	**	**
Thyroid	28	3.3	2.1	4.9	<6	**	**	**
Leukemias	87	11.4	9.1	14.3	19	**	**	**
Hodgkins Disease	26	3.1	2.0	4.6	13	**	**	**
Non-Hodgkins Lymphomas	169	20.8	17.7	24.3	37	14.3	10.0	20.8
Multiple Myeloma	35	4.5	3.1	6.4	23	**	**	**
Unknown Primary/Other/III Defined Sites	136	18.0	15.0	21.4	52	23.1	16.9	31.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	4,324	433.6	420.7	446.9	1,235	393.5	371.6	416.5
<b>Major Sites</b>	4,188				1,184			
Oral Cavity and Pharynx	53	5.3	3.9	7.0	22	**	***	**
Esophagus	28	2.8	1.8	4.1	12	**	**	**
Stomach	40	3.8	2.7	5.2	26	8.3	5.4	12.4
Colon and Rectum	458	42.5	38.6	46.6	154	51.7	43.7	60.7
Liver and Intrahepatic Bile Duct	26	2.4	1.6	3.7	7	**	**	**
Pancreas	98	9.2	7.5	11.3	34	11.8	8.1	16.7
Larynx	18	**	**	**	9	**	**	**
Lung and Bronchus	649	63.7	58.8	68.9	196	64.6	55.8	74.6
Bones and Joints	13	**	**	**	<6	**	**	**
Soft Tissue	25	**	**	**	6	**	**	**
Melanomas of the Skin	199	21.1	18.3	24.3	<6	**	**	**
Breast	1,349	139.2	131.9	147.0	410	126.5	114.4	139.7
Cervix	61	6.4	4.9	8.3	34	10.1	6.9	14.4
Uterus	243	25.0	21.9	28.4	37	12.5	8.7	17.4
Ovary	156	16.3	13.8	19.1	18	**	**	**
Prostate								
Testis								
Urinary Bladder	137	12.9	10.8	15.3	17	**	**	**
Kidney and Renal Pelvis	89	8.9	7.1	11.0	32	9.9	6.8	14.3
Eye	6	**	**	**	<6	**	**	**
Brain and Other Nervous System	54	5.8	4.3	7.6	15	**	**	**
Thyroid	85	9.5	7.6	11.8	17	**	**	**
Leukemias	64	6.3	4.9	8.2	21	**	**	**
Hodgkins Disease	27	3.0	2.0	4.5	9	**	**	**
Non-Hodgkins Lymphomas	140	13.5	11.3	16.0	35	10.5	7.3	14.9
Multiple Myeloma	30	2.9	1.9	4.2	24	**	**	**
Unknown Primary/Other/III Defined Sites	140	13.2	11.0	15.6	43	14.2	10.3	19.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Baltimore Metro Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	5,366	226.2	220.1	232.3
<b>Major Sites</b>	5,213			
Oral Cavity and Pharynx	72	3.0	2.4	3.8
Esophagus	132	5.5	4.6	6.5
Stomach	117	5.0	4.1	6.0
Colon and Rectum	546	23.3	21.4	25.3
Liver and Intrahepatic Bile Duct	110	4.6	3.8	5.6
Pancreas	298	12.6	11.2	14.1
Larynx	49	2.0	1.5	2.7
Lung and Bronchus	1,567	65.7	62.5	69.1
Bones and Joints	6	**	**	**
Soft Tissue	37	1.5	1.1	2.1
Melanomas of the Skin	59	2.4	1.9	3.2
Breast	409	17.1	15.5	18.9
Cervix	39			
Uterus	72			
Ovary	106			
Prostate	297			
Testis	<6			
Urinary Bladder	136	5.8	4.9	6.9
Kidney and Renal Pelvis	94	3.9	3.2	4.8
Eye	<6	**	**	**
Brain and Other Nervous System	105	4.3	3.5	5.2
Thyroid	7	**	**	**
Leukemias	175	7.4	6.3	8.5
Hodgkins Disease	17	**	**	**
Non-Hodgkins Lymphomas	210	8.9	7.7	10.2
Multiple Myeloma	116	4.9	4.0	5.9
Unknown Primary/Other/III Defined Sites	432	18.2	16.5	20.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Anne Arundel County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	883	221.4	206.9	236.9
<b>Major Sites</b>	860			
Oral Cavity and Pharynx	8	**	**	**
Esophagus	16	**	**	**
Stomach	19	**	**	**
Colon and Rectum	79	20.5	16.1	25.7
Liver and Intrahepatic Bile Duct	17	**	**	**
Pancreas	43	10.9	7.8	14.8
Larynx	9	**	**	**
Lung and Bronchus	271	67.8	59.9	76.6
Bones and Joints	<6	**	**	**
Soft Tissue	12	**	**	**
Melanomas of the Skin	12	**	**	**
Breast	78	18.5	14.6	23.4
Cervix	<6			
Uterus	11			
Ovary	20			
Prostate	35			
Testis	<6			
Urinary Bladder	23	**	**	**
Kidney and Renal Pelvis	14	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	24	**	**	**
Thyroid	<6	**	**	**
Leukemias	29	7.3	4.8	10.6
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	35	9.2	6.4	13.0
Multiple Myeloma	25	**	**	**
Unknown Primary/Other/III Defined Sites	73	18.4	14.3	23.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Baltimore City, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,783	279.6	266.7	292.9
<b>Major Sites</b>	1,736			
Oral Cavity and Pharynx	30	5.0	3.3	7.1
Esophagus	43	6.7	4.9	9.1
Stomach	46	7.2	5.3	9.7
Colon and Rectum	189	29.8	25.7	34.4
Liver and Intrahepatic Bile Duct	41	6.5	4.6	8.8
Pancreas	89	14.1	11.3	17.4
Larynx	24	**	**	**
Lung and Bronchus	533	83.2	76.3	90.7
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	8	**	**	**
Breast	142	22.7	19.1	26.8
Cervix	18			
Uterus	18			
Ovary	33			
Prostate	121			
Testis	<6			
Urinary Bladder	45	7.0	5.1	9.4
Kidney and Renal Pelvis	31	4.8	3.3	6.9
Eye	<6	**	**	**
Brain and Other Nervous System	25	**	**	**
Thyroid	<6	**	**	**
Leukemias	51	7.8	5.8	10.3
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	60	9.5	7.2	12.3
Multiple Myeloma	36	5.6	3.9	7.8
Unknown Primary/Other/III Defined Sites	143	22.5	19.0	26.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Baltimore County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,776	208.2	198.6	218.2
<b>Major Sites</b>	1,726			
Oral Cavity and Pharynx	26	3.1	2.0	4.6
Esophagus	42	5.0	3.6	6.8
Stomach	31	3.6	2.4	5.1
Colon and Rectum	189	22.1	19.0	25.6
Liver and Intrahepatic Bile Duct	32	3.8	2.6	5.4
Pancreas	114	13.4	11.1	16.2
Larynx	12	**	**	**
Lung and Bronchus	506	58.5	53.5	63.9
Bones and Joints	<6	**	**	**
Soft Tissue	15	**	**	**
Melanomas of the Skin	25	**	**	**
Breast	128	15.2	12.7	18.2
Cervix	11			
Uterus	27			
Ovary	34			
Prostate	88			
Testis	<6			
Urinary Bladder	50	5.8	4.3	7.7
Kidney and Renal Pelvis	35	4.2	2.9	5.9
Eye	<6	**	**	**
Brain and Other Nervous System	29	3.6	2.4	5.2
Thyroid	<6	**	**	**
Leukemias	60	7.1	5.4	9.2
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	79	9.3	7.4	11.7
Multiple Myeloma	36	4.2	3.0	5.9
Unknown Primary/Other/III Defined Sites	145	17.0	14.4	20.1

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Carroll County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	248	183.7	161.4	208.3
<b>Major Sites</b>	236			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	9	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	22	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	18	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	66	50.0	38.6	63.8
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	6	**	**	**
Breast	12	**	**	**
Cervix	<6			
Uterus	8			
Ovary	8			
Prostate	14			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	8	**	**	**
Thyroid	<6	**	**	**
Leukemias	13	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Harford County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	371	209.4	188.3	232.3
<b>Major Sites</b>	357			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	15	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	37	21.1	14.8	29.4
Liver and Intrahepatic Bile Duct	7	**	**	**
Pancreas	18	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	118	64.8	53.5	78.1
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	23	**	**	**
Cervix	<6			
Uterus	7			
Ovary	<6			
Prostate	23			
Testis	<6			
Urinary Bladder	10	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	<6	0.0	0.0	2.7
Brain and Other Nervous System	7	**	**	**
Thyroid	<6	**	**	**
Leukemias	12	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	17	**	**	**
Multiple Myeloma	9	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Howard County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	305	193.1	171.4	217.0
<b>Major Sites</b>	298			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	7	**	**	**
Stomach	11	**	**	**
Colon and Rectum	30	19.5	13.0	28.4
Liver and Intrahepatic Bile Duct	9	**	**	**
Pancreas	16	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	73	47.1	36.8	59.8
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	26	13.5	8.6	20.6
Cervix	<6			
Uterus	<6			
Ovary	6			
Prostate	16			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	12	**	**	**
Thyroid	<6	**	**	**
Leukemias	10	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	12	**	**	**
Multiple Myeloma	8	**	**	**
Unknown Primary/Other/III Defined Sites	30	20.0	13.4	29.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,732	283.3	272.5	294.5	2,634	191.1	183.8	198.5
<b>Major Sites</b>	2,663				2,550			
Oral Cavity and Pharynx	48	4.8	3.5	6.4	24	**	**	**
Esophagus	103	10.1	8.2	12.4	29	2.1	1.4	3.1
Stomach	58	6.2	4.7	8.1	59	4.2	3.2	5.5
Colon and Rectum	260	27.7	24.3	31.4	286	20.4	18.1	22.9
Liver and Intrahepatic Bile Duct	60	6.1	4.7	8.0	50	3.6	2.6	4.7
Pancreas	146	14.9	12.5	17.6	152	11.1	9.4	13.0
Larynx	38	3.7	2.6	5.2	11	**	**	**
Lung and Bronchus	893	90.3	84.3	96.6	674	49.0	45.3	52.9
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	17	**	**	**	20	**	**	**
Melanomas of the Skin	37	3.5	2.5	5.0	22	**	**	**
Breast	<6	**	**	**	406	29.8	27.0	32.9
Cervix					39	2.9	2.0	4.0
Uterus					72	5.2	4.1	6.6
Ovary					106	7.7	6.3	9.4
Prostate	297	35.5	31.4	39.9				
Testis	<6	**	**	**				
Urinary Bladder	81	9.0	7.1	11.3	55	3.9	2.9	5.0
Kidney and Renal Pelvis	53	5.3	3.9	7.1	41	3.0	2.1	4.0
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	60	5.5	4.2	7.2	45	3.4	2.5	4.6
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	101	10.3	8.3	12.6	74	5.3	4.2	6.7
Hodgkins Disease	<6	**	**	**	12	**	**	**
Non-Hodgkins Lymphomas	121	12.6	10.4	15.2	89	6.4	5.1	7.9
Multiple Myeloma	54	5.3	4.0	7.1	62	4.5	3.5	5.8
Unknown Primary/Other/III Defined Sites	214	21.5	18.7	24.8	218	15.7	13.7	18.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	441	258.1	233.3	285.5	442	196.5	178.6	215.9
<b>Major Sites</b>	431				429			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	13	**	**	**	<6	**	**	**
Stomach	9	**	**	**	10	**	**	**
Colon and Rectum	42	24.9	17.5	35.1	37	16.8	11.8	23.2
Liver and Intrahepatic Bile Duct	12	**	**	**	<6	**	**	**
Pancreas	19	**	**	**	24	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	150	86.5	72.7	103.0	121	54.0	44.8	64.7
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	<6	**	**	**
Melanomas of the Skin	10	**	**	**	<6	**	**	**
Breast	<6	**	**	**	77	33.1	26.1	41.5
Cervix					<6	**	**	**
Uterus					11	**	**	**
Ovary					20	**	**	**
Prostate	35	25.8	17.6	37.0				
Testis	<6	**	**	**				
Urinary Bladder	14	**	**	**	9	**	**	**
Kidney and Renal Pelvis	10	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	13	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	16	**	**	**	13	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	23	**	**	**	12	**	**	**
Multiple Myeloma	14	**	**	**	11	**	**	**
Unknown Primary/Other/III Defined Sites	35	18.8	12.7	27.6	38	17.1	12.1	23.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	928	376.2	352.0	401.7	855	222.3	207.5	238.0
<b>Major Sites</b>	905				831			
Oral Cavity and Pharynx	22	**	**	**	8	**	**	**
Esophagus	32	12.3	8.4	17.7	11	**	**	**
Stomach	23	**	**	**	23	**	**	**
Colon and Rectum	89	37.3	29.8	46.2	100	25.6	20.8	31.3
Liver and Intrahepatic Bile Duct	21	**	**	**	20	**	**	**
Pancreas	44	17.2	12.5	23.4	45	12.0	8.7	16.2
Larynx	23	**	**	**	<6	**	**	**
Lung and Bronchus	314	124.2	110.7	139.1	219	56.9	49.5	65.1
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	140	37.9	31.9	44.9
Cervix					18	**	**	**
Uterus					18	**	**	**
Ovary					33	8.6	5.9	12.2
Prostate	121	54.3	44.9	65.3				
Testis	<6	**	**	**				
Urinary Bladder	23	**	**	**	22	**	**	**
Kidney and Renal Pelvis	15	**	**	**	16	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	15	**	**	**	10	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	28	11.1	7.3	16.4	23	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	32	13.1	8.9	18.7	28	7.2	4.7	10.5
Multiple Myeloma	16	**	**	**	20	**	**	**
Unknown Primary/Other/III Defined Sites	77	30.0	23.6	37.8	66	17.3	13.4	22.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	893	258.4	241.3	276.4	883	178.2	166.5	190.7
<b>Major Sites</b>	869				857			
Oral Cavity and Pharynx	16	**	**	**	10	**	**	**
Esophagus	31	8.8	5.9	12.8	11	**	**	**
Stomach	15	**	**	**	16	**	**	**
Colon and Rectum	83	24.3	19.3	30.5	106	20.5	16.8	25.1
Liver and Intrahepatic Bile Duct	17	**	**	**	15	**	**	**
Pancreas	56	16.1	12.1	21.2	58	11.7	8.9	15.4
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	292	81.7	72.5	92.0	214	42.9	37.3	49.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	8	**	**	**
Melanomas of the Skin	13	**	**	**	12	**	**	**
Breast	<6	**	**	**	128	26.1	21.7	31.3
Cervix					11	**	**	**
Uterus					27	5.5	3.6	8.3
Ovary					34	7.0	4.8	10.0
Prostate	88	27.7	22.1	34.5				
Testis	<6	**	**	**				
Urinary Bladder	33	9.8	6.7	14.0	17	**	**	**
Kidney and Renal Pelvis	19	**	**	**	16	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	19	**	**	**	10	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	30	8.7	5.8	12.7	30	6.1	4.1	9.0
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	40	12.0	8.5	16.6	39	7.7	5.5	10.8
Multiple Myeloma	17	**	**	**	19	**	**	**
Unknown Primary/Other/III Defined Sites	76	21.8	17.1	27.6	69	13.9	10.8	17.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	132	237.5	198.1	283.0	116	150.1	123.7	181.0
<b>Major Sites</b>	127				109			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Small Intestine	<6	**	**	**	<6	**	**	**
Colon and Rectum	13	**	**	**	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	11	**	**	**	7	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	37	68.8	48.4	95.6	29	37.4	24.9	54.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	12	**	**	**
Cervix					<6	**	**	**
Uterus					8	**	**	**
Ovary					8	**	**	**
Prostate	14	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	186	255.6	218.0	299.4	185	183.9	158.3	212.9
<b>Major Sites</b>	175				157			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	13	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	17	**	**	**	20	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	11	**	**	**	7	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	62	80.4	60.7	106.4	56	54.8	41.3	71.7
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	23	**	**	**
Cervix					<6	**	**	**
Uterus					7	6.9	2.8	14.7
Ovary					<6	**	**	**
Prostate	23	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	9	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**	6	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	18	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	152	227.0	189.4	271.5	153	169.8	143.6	199.5
<b>Major Sites</b>	149				149			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	7	**	**	**	<6	**	**	**
Colon and Rectum	16	**	**	**	14	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	11	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	38	54.0	37.3	77.8	35	41.2	28.7	57.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	26	24.7	15.9	37.1
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					6	**	**	**
Prostate	16	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	9	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	7	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	9	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	17	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,957	215.7	209.0	222.6	1,373	275.3	260.5	290.7
<b>Major Sites</b>	3,833				1,346			
Oral Cavity and Pharynx	49	2.7	2.0	3.6	22	**	**	**
Esophagus	92	5.0	4.0	6.2	40	7.3	5.2	10.1
Stomach	71	3.9	3.0	4.9	41	8.3	5.9	11.5
Colon and Rectum	390	21.3	19.2	23.5	150	30.7	25.9	36.3
Liver and Intrahepatic Bile Duct	74	4.0	3.2	5.1	34	6.7	4.6	9.6
Pancreas	220	12.1	10.5	13.8	75	14.7	11.5	18.6
Larynx	35	1.9	1.3	2.7	14	**	**	**
Lung and Bronchus	1,185	64.3	60.7	68.1	378	74.9	67.4	83.1
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	31	1.7	1.2	2.5	6	**	**	**
Melanomas of the Skin	57	3.1	2.4	4.1	<6	**	**	**
Breast	299	16.4	14.6	18.4	109	20.8	17.0	25.3
Cervix	24				15			
Uterus	53				19			
Ovary	85				20			
Prostate	185				111			
Testis	<6				<6			
Urinary Bladder	106	5.7	4.7	7.0	30	7.0	4.7	10.1
Kidney and Renal Pelvis	70	3.8	3.0	4.8	24	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	89	5.0	4.0	6.1	16	**	**	**
Thyroid	6	**	**	**	<6	**	**	**
Leukemias	139	7.6	6.4	9.0	34	6.7	4.6	9.6
Hodgkins Disease	11	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	170	9.3	7.9	10.8	38	7.2	5.0	10.1
Multiple Myeloma	71	3.9	3.0	4.9	44	8.7	6.3	11.9
Unknown Primary/Other/III Defined Sites	312	17.0	15.2	19.0	116	22.9	18.8	27.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	771	228.0	212.0	245.1	104	197.4	160.5	241.3
<b>Major Sites</b>	751				103			
Oral Cavity and Pharynx	8	**	**	**	<6	**	**	**
Esophagus	15	**	**	**	<6	**	**	**
Stomach	11	**	**	**	7	**	**	**
Colon and Rectum	69	21.3	16.5	27.2	9	**	**	**
Liver and Intrahepatic Bile Duct	15	**	**	**	<6	**	**	**
Pancreas	40	12.0	8.5	16.5	<6	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	239	70.2	61.5	79.9	30	58.3	39.0	84.9
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	10	**	**	**	<6	**	**	**
Melanomas of the Skin	11	**	**	**	<6	**	**	**
Breast	65	18.6	14.2	23.9	13	**	**	**
Cervix	<6				<6			
Uterus	10				<6			
Ovary	18				<6			
Prostate	28				6			
Testis	<6				<6			
Urinary Bladder	22	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	14	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	22	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	28	8.3	5.5	12.2	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	30	9.3	6.2	13.5	<6	**	**	**
Multiple Myeloma	18	**	**	**	7	**	**	**
Unknown Primary/Other/III Defined Sites	65	19.4	14.9	25.0	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	773	268.4	249.0	289.3	1,002	295.9	277.4	315.3
<b>Major Sites</b>	747				981			
Oral Cavity and Pharynx	13	**	**	**	17	**	**	**
Esophagus	14	**	**	**	29	7.6	5.1	11.2
Stomach	17	**	**	**	29	8.8	5.8	12.9
Colon and Rectum	80	25.2	19.8	32.2	107	32.7	26.7	39.8
Liver and Intrahepatic Bile Duct	16	**	**	**	24	**	**	**
Pancreas	36	13.1	9.0	18.9	53	15.2	11.3	20.1
Larynx	15	**	**	**	9	**	**	**
Lung and Bronchus	237	85.8	74.8	98.4	295	85.6	75.9	96.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	8	**	**	**	<6	**	**	**
Breast	59	22.5	16.8	29.9	83	23.9	18.9	29.9
Cervix	7				11			
Uterus	<6				13			
Ovary	18				15			
Prostate	43				78			
Testis	<6				<6			
Urinary Bladder	19	**	**	**	26	8.6	5.6	12.8
Kidney and Renal Pelvis	11	**	**	**	20	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	15	**	**	**	10	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	30	9.2	6.2	14.0	19	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	34	10.1	6.9	15.0	26	7.1	4.6	10.7
Multiple Myeloma	12	**	**	**	24	**	**	**
Unknown Primary/Other/III Defined Sites	56	21.1	15.7	28.2	85	24.7	19.6	30.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,575	203.5	193.5	214.0	191	299.4	256.0	348.8
<b>Major Sites</b>	1,528				188			
Oral Cavity and Pharynx	22	**	**	**	<6	**	**	**
Esophagus	36	4.7	3.3	6.6	6	**	**	**
Stomach	26	3.3	2.1	5.0	<6	**	**	**
Colon and Rectum	168	21.5	18.3	25.1	19	**	**	**
Liver and Intrahepatic Bile Duct	26	3.4	2.2	5.2	6	**	**	**
Pancreas	96	12.4	10.0	15.3	15	**	**	**
Larynx	9	**	**	**	<6	**	**	**
Lung and Bronchus	468	59.4	54.1	65.2	38	57.3	39.6	81.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	14	**	**	**	<6	**	**	**
Melanomas of the Skin	24	**	**	**	<6	**	**	**
Breast	118	15.6	12.9	18.9	10	**	**	**
Cervix	8				<6			
Uterus	22				<6			
Ovary	31				<6			
Prostate	71				17			
Testis	<6				<6			
Urinary Bladder	47	6.0	4.4	8.1	<6	**	**	**
Kidney and Renal Pelvis	31	4.1	2.8	6.0	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	25	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	48	6.2	4.5	8.3	12	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	72	9.3	7.3	11.8	6	**	**	**
Multiple Myeloma	27	3.5	2.3	5.3	8	**	**	**
Unknown Primary/Other/III Defined Sites	129	16.7	13.9	19.9	15	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	240	184.8	162.1	210.1	6	**	**	**
<b>Major Sites</b>	228				6			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	9	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	22	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	18	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	64	50.3	38.7	64.5	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	6	**	**	**	<6	**	**	**
Breast	12	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	8				<6			
Ovary	8				<6			
Prostate	12				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	8	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	13	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	339	214.8	192.2	239.4	32	186.9	126.3	270.7
<b>Major Sites</b>	325				32			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	11	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	28	18.0	11.9	26.4	9	**	**	**
Liver and Intrahepatic Bile Duct	7	**	**	**	<6	**	**	**
Pancreas	16	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	111	68.6	56.3	83.1	7	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	23	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	7				<6			
Ovary	<6				<6			
Prostate	20				<6			
Testis	<6				<6			
Urinary Bladder	10	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	17	**	**	**	<6	**	**	**
Multiple Myeloma	7	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	259	200.0	175.9	226.8	38	183.4	126.9	259.7
<b>Major Sites</b>	254				36			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	10	**	**	**	<6	**	**	**
Colon and Rectum	23	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	<6	**	**	**
Pancreas	14	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	66	51.8	39.9	66.4	6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	22	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	11				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	12	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	9	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	24	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,980	264.2	252.4	276.4	734	372.1	344.0	402.3
<b>Major Sites</b>	1,925				721			
Oral Cavity and Pharynx	31	4.1	2.8	6.0	16	**	**	**
Esophagus	72	9.3	7.2	11.8	31	13.6	9.2	20.3
Stomach	34	4.7	3.2	6.7	21	**	**	**
Colon and Rectum	185	25.6	21.9	29.7	71	35.1	27.0	45.5
Liver and Intrahepatic Bile Duct	38	5.2	3.6	7.3	21	**	**	**
Pancreas	109	14.4	11.8	17.6	36	17.1	11.7	24.8
Larynx	24	**	**	**	14	**	**	**
Lung and Bronchus	657	85.3	78.8	92.3	234	114.9	99.8	132.0
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	15	**	**	**	<6	**	**	**
Melanomas of the Skin	36	4.4	3.1	6.2	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	185	27.7	23.8	32.2	111	72.5	59.0	88.5
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	66	9.2	7.1	11.8	15	**	**	**
Kidney and Renal Pelvis	39	5.1	3.6	7.2	14	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	49	6.0	4.4	8.0	11	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	83	10.9	8.6	13.6	16	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	101	13.6	11.0	16.7	20	**	**	**
Multiple Myeloma	31	4.1	2.8	6.0	22	**	**	**
Unknown Primary/Other/III Defined Sites	153	20.0	16.9	23.6	60	27.8	20.8	36.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,977	187.2	178.9	195.7	639	215.0	198.4	232.7
<b>Major Sites</b>	1,908				625			
Oral Cavity and Pharynx	18	**	**	**	6	**	**	**
Esophagus	20	**	**	**	9	**	**	**
Stomach	37	3.3	2.3	4.7	20	**	**	**
Colon and Rectum	205	18.4	16.0	21.2	79	27.4	21.6	34.3
Liver and Intrahepatic Bile Duct	36	3.3	2.3	4.7	13	**	**	**
Pancreas	111	10.5	8.6	12.8	39	13.2	9.3	18.2
Larynx	11	**	**	**	<6	**	**	**
Lung and Bronchus	528	50.3	46.1	54.9	144	48.8	41.0	57.6
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	16	**	**	**	<6	**	**	**
Melanomas of the Skin	21	**	**	**	<6	**	**	**
Breast	298	29.1	25.8	32.7	107	34.5	28.2	42.0
Cervix	24	**	**	**	15	**	**	**
Uterus	53	5.1	3.8	6.7	19	**	**	**
Ovary	85	8.1	6.5	10.1	20	**	**	**
Prostate								
Testis								
Urinary Bladder	40	3.6	2.6	5.0	15	**	**	**
Kidney and Renal Pelvis	31	2.9	2.0	4.2	10	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	40	4.1	2.9	5.6	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	56	5.2	3.9	6.9	18	**	**	**
Hodgkins Disease	7	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	69	6.3	4.9	8.0	18	**	**	**
Multiple Myeloma	40	3.9	2.8	5.4	22	**	**	**
Unknown Primary/Other/III Defined Sites	159	14.9	12.6	17.5	56	19.1	14.4	25.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Eastern Shore Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,263	533.3	511.5	555.8
<b>Major Sites</b>	2,179			
Oral Cavity and Pharynx	59	13.9	10.6	18.1
Esophagus	35	8.1	5.7	11.4
Stomach	24	**	**	**
Colon and Rectum	284	66.0	58.5	74.2
Liver and Intrahepatic Bile Duct	13	**	**	**
Pancreas	53	12.2	9.1	16.1
Larynx	24	**	**	**
Lung and Bronchus	399	92.8	83.9	102.4
Bones and Joints	<6	**	**	**
Soft Tissue	14	**	**	**
Melanomas of the Skin	86	21.4	17.1	26.5
Breast	319	76.4	68.2	85.3
Cervix	21			
Uterus	69			
Ovary	31			
Prostate	322			
Testis	10			
Urinary Bladder	73	16.9	13.2	21.3
Kidney and Renal Pelvis	53	12.6	9.5	16.6
Eye	<6	**	**	**
Brain and Other Nervous System	17	**	**	**
Thyroid	34	8.6	6.0	12.2
Leukemias	44	10.7	7.8	14.5
Hodgkins Disease	14	**	**	**
Non-Hodgkins Lymphomas	73	17.3	13.6	21.9
Multiple Myeloma	28	6.6	4.3	9.6
Unknown Primary/Other/III Defined Sites	74	17.2	13.5	21.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Caroline County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	176	561.9	481.9	653.1
<b>Major Sites</b>	167			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	21	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	30	94.4	63.6	136.9
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	25	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	20			
Testis	<6			
Urinary Bladder	8	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Cecil County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	400	535.6	484.0	591.6
<b>Major Sites</b>	390			
Oral Cavity and Pharynx	8	**	**	**
Esophagus	7	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	49	66.8	49.3	89.0
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	9	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	82	110.1	87.4	137.2
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	40	50.2	35.8	69.2
Cervix	<6			
Uterus	10			
Ovary	7			
Prostate	70			
Testis	<6			
Urinary Bladder	9	**	**	**
Kidney and Renal Pelvis	10	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	7	**	**	**
Leukemias	6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	15	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	18	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Dorchester County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	199	531.4	459.4	614.1
<b>Major Sites</b>	192			
Oral Cavity and Pharynx	6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	31	80.8	54.8	118.4
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	37	95.8	67.3	135.7
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	35	95.9	66.4	137.1
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	37			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Kent County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	117	468.3	385.9	567.0
<b>Major Sites</b>	114			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	13	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	19	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	23	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	18			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Queen Anne's County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	198	466.8	403.6	538.8
<b>Major Sites</b>	188			
Oral Cavity and Pharynx	8	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	25	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	32	75.3	51.4	108.8
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	8	**	**	**
Breast	27	61.0	40.2	91.4
Cervix	<6			
Uterus	8			
Ovary	<6			
Prostate	28			
Testis	<6			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Somerset County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	139	542.9	455.7	644.6
<b>Major Sites</b>	135			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	21	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	31	121.0	82.0	175.3
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	9	**	**	**
Cervix	<6			
Uterus	8			
Ovary	<6			
Prostate	18			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Talbot County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	244	502.2	440.0	574.0
<b>Major Sites</b>	231			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	35	70.9	49.0	103.4
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	9	**	**	**
Larynx	6	**	**	**
Lung and Bronchus	25	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	9	**	**	**
Breast	42	90.8	64.7	127.7
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	38			
Testis	<6			
Urinary Bladder	12	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Wicomico County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	456	567.8	516.8	622.7
<b>Major Sites</b>	436			
Oral Cavity and Pharynx	17	**	**	**
Esophagus	8	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	49	60.4	44.7	80.1
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	11	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	87	107.1	85.8	132.4
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	25	**	**	**
Breast	73	91.5	71.7	115.3
Cervix	7			
Uterus	18			
Ovary	<6			
Prostate	51			
Testis	<6			
Urinary Bladder	11	**	**	**
Kidney and Renal Pelvis	9	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	9	**	**	**
Leukemias	7	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	16	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Worcester County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	334	580.5	518.4	649.8
<b>Major Sites</b>	326			
Oral Cavity and Pharynx	10	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	40	66.7	47.4	93.8
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	8	**	**	**
Larynx	6	**	**	**
Lung and Bronchus	56	96.8	72.6	128.6
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	18	**	**	**
Breast	45	83.2	60.2	114.3
Cervix	<6			
Uterus	12			
Ovary	7			
Prostate	42			
Testis	<6			
Urinary Bladder	17	**	**	**
Kidney and Renal Pelvis	10	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	8	**	**	**
Leukemias	7	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,205	627.7	592.4	664.8	1,058	463.0	435.2	492.3
<b>Major Sites</b>	1,168				1,011			
Oral Cavity and Pharynx	46	23.2	17.0	31.3	13	**	**	**
Esophagus	29	14.9	10.0	21.9	6	**	**	**
Stomach	18	**	**	**	6	**	**	**
Colon and Rectum	162	84.9	72.2	99.5	122	50.5	41.9	60.7
Liver and Intrahepatic Bile Duct	12	**	**	**	<6	**	**	**
Pancreas	25	**	**	**	28	11.0	7.3	16.3
Larynx	19	**	**	**	<6	**	**	**
Lung and Bronchus	227	118.2	103.2	135.1	172	73.4	62.7	85.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	10	**	**	**
Melanomas of the Skin	44	24.1	17.4	32.8	42	20.7	14.9	28.3
Breast	<6	**	**	**	314	140.1	124.9	156.9
Cervix					21	**	**	**
Uterus					69	30.7	23.9	39.2
Ovary					31	13.5	9.2	19.6
Prostate	322	164.1	146.5	183.5				
Testis	10	**	**	**				
Urinary Bladder	53	28.4	21.2	37.7	20	**	**	**
Kidney and Renal Pelvis	34	17.2	11.9	24.5	19	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	8	**	**	**	9	**	**	**
Thyroid	6	**	**	**	28	14.0	9.3	20.5
Leukemias	31	16.5	11.2	23.9	13	**	**	**
Hodgkins Disease	9	**	**	**	<6	**	**	**
Non-Hodgkin's Lymphomas	45	23.4	17.0	31.7	28	11.9	7.9	17.6
Multiple Myeloma	15	**	**	**	13	**	**	**
Unknown Primary/Other/III Defined Sites	39	21.2	15.0	29.5	35	13.9	9.7	19.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	95	659.5	533.3	809.3	81	477.4	378.4	598.2
<b>Major Sites</b>	91				76			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	15	**	**	**	15	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	25	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	20	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	216	631.5	548.0	726.4	184	463.3	398.6	536.0
<b>Major Sites</b>	213				177			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	29	80.4	53.4	119.6	20	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	42	123.0	87.8	170.5	40	102.2	73.0	139.8
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	6	**	**	**	7	**	**	**
Breast	<6	**	**	**	39	95.3	67.7	131.1
Cervix					<6	**	**	**
Uterus					10	**	**	**
Ovary					7	**	**	**
Prostate	70	207.6	161.0	266.0				
Testis	<6	**	**	**				
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	7	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	110	657.2	539.6	798.3	89	430.9	343.9	538.5
<b>Major Sites</b>	106				86			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	17	**	**	**	14	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	26	149.7	97.7	226.8	11	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	34	168.6	115.5	243.8
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	37	216.8	152.4	305.6				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	56	468.9	352.9	619.7	61	465.3	352.3	610.6
<b>Major Sites</b>	55				59			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	9	**	**	**	10	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	23	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	18	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	97	507.2	407.0	630.5	101	456.4	371.3	559.4
<b>Major Sites</b>	94				94			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	15	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	16	**	**	**	16	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	26	116.6	76.1	176.2
Cervix					<6	**	**	**
Uterus					8	**	**	**
Ovary					<6	**	**	**
Prostate	28	142.0	92.4	216.2				
Testis	<6	**	**	**				
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	82	686.5	545.3	857.3	57	419.8	315.4	554.2
<b>Major Sites</b>	82				53			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	17	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	18	**	**	**	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	8	**	**	**
Cervix					<6	**	**	**
Uterus					8	**	**	**
Ovary					<6	**	**	**
Prostate	18	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	133	610.6	509.9	731.6	111	414.1	337.9	509.8
<b>Major Sites</b>	127				104			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	22	**	**	**	13	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	15	**	**	**	10	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	41	163.1	115.2	232.2
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	38	167.9	118.5	239.0				
Testis	<6	**	**	**				
Urinary Bladder	10	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	230	688.4	600.7	787.4	226	498.9	435.5	569.8
<b>Major Sites</b>	217				219			
Oral Cavity and Pharynx	14	**	**	**	<6	**	**	**
Esophagus	8	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	23	**	**	**	26	54.4	35.4	81.1
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	47	145.9	106.4	197.6	40	85.3	60.8	117.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	15	**	**	**	10	**	**	**
Breast	<6	**	**	**	73	163.2	127.6	206.4
Cervix					7	**	**	**
Uterus					18	**	**	**
Ovary					<6	**	**	**
Prostate	51	149.4	110.6	199.9				
Testis	<6	**	**	**				
Urinary Bladder	8	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	7	**	**	**
Leukemias	6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**	6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	186	703.1	602.7	818.8	148	486.7	408.8	579.0
<b>Major Sites</b>	183				143			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	29	109.8	72.6	163.8	11	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	39	146.6	103.2	206.4	17	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	9	**	**	**	9	**	**	**
Breast	<6	**	**	**	45	156.1	112.6	215.0
Cervix					<6	**	**	**
Uterus					12	**	**	**
Ovary					7	**	**	**
Prostate	42	147.2	105.2	205.1				
Testis	<6	**	**	**				
Urinary Bladder	9	**	**	**	8	**	**	**
Kidney and Renal Pelvis	6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,882	566.0	540.6	592.4	325	365.8	326.8	408.3
<b>Major Sites</b>	1,811				315			
Oral Cavity and Pharynx	51	15.4	11.5	20.5	8	**	**	**
Esophagus	27	8.0	5.3	11.9	8	**	**	**
Stomach	18	**	**	**	6	**	**	**
Colon and Rectum	231	68.1	59.6	77.7	41	45.6	32.6	62.3
Liver and Intrahepatic Bile Duct	13	**	**	**	<6	**	**	**
Pancreas	44	12.9	9.3	17.5	8	**	**	**
Larynx	20	**	**	**	<6	**	**	**
Lung and Bronchus	339	100.5	90.1	112.0	59	65.8	50.0	85.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	11	**	**	**	<6	**	**	**
Melanomas of the Skin	84	26.8	21.3	33.3	<6	**	**	**
Breast	263	79.9	70.5	90.4	52	60.6	45.1	79.9
Cervix	13				7			
Uterus	58				9			
Ovary	28				<6			
Prostate	242				58			
Testis	9				<6			
Urinary Bladder	68	20.0	15.5	25.5	<6	**	**	**
Kidney and Renal Pelvis	48	14.7	10.8	19.7	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	15	**	**	**	<6	**	**	**
Thyroid	30	9.8	6.6	14.2	<6	**	**	**
Leukemias	36	11.3	7.9	15.8	8	**	**	**
Hodgkins Disease	13	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	63	19.0	14.6	24.5	8	**	**	**
Multiple Myeloma	26	7.7	5.0	11.5	<6	**	**	**
Unknown Primary/Other/III Defined Sites	56	16.4	12.4	21.5	16	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	145	589.9	497.4	696.8	30	457.2	307.6	660.3
<b>Major Sites</b>	137				29			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	17	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	23	**	**	**	7	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	23	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	14				6			
Testis	<6				<6			
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	365	522.6	470.0	580.0	18	**	**	**
<b>Major Sites</b>	356				18			
Oral Cavity and Pharynx	8	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	46	67.0	48.9	90.0	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	9	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	78	112.2	88.5	140.6	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	13	**	**	**	<6	**	**	**
Breast	37	49.8	35.0	69.5	<6	**	**	**
Cervix	<6				<6			
Uterus	9				<6			
Ovary	7				<6			
Prostate	55				<6			
Testis	<6				<6			
Urinary Bladder	9	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	9	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	7	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	14	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	152	586.5	495.6	694.7	45	412.4	299.6	557.3
<b>Major Sites</b>	146				44			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	25	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	28	109.0	72.2	165.0	9	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	26	100.4	64.9	155.3	9	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	20				15			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	101	547.3	443.3	674.4	14	**	**	**
<b>Major Sites</b>	98				14			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	12	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	17	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	17	**	**	**	6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	14				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	169	490.4	418.6	573.1	22	**	**	**
<b>Major Sites</b>	160				22			
Oral Cavity and Pharynx	8	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	19	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	31	91.2	61.7	132.5	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	8	**	**	**	<6	**	**	**
Breast	21	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	7				<6			
Ovary	<6				<6			
Prostate	25				<6			
Testis	<6				<6			
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	104	641.7	522.0	788.0	31	332.0	224.8	477.3
<b>Major Sites</b>	104				27			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	18	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	26	155.7	101.2	238.8	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	8	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	6				<6			
Ovary	<6				<6			
Prostate	11				7			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	211	552.4	478.9	639.3	30	303.5	202.9	445.2
<b>Major Sites</b>	199				30			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	29	73.7	49.0	113.7	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	8	**	**	**	<6	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	23	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	9	**	**	**	<6	**	**	**
Breast	37	102.6	71.3	149.3	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	31				6			
Testis	<6				<6			
Urinary Bladder	11	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	358	603.0	542.0	669.5	93	455.4	366.9	560.7
<b>Major Sites</b>	341				90			
Oral Cavity and Pharynx	11	**	**	**	6	**	**	**
Esophagus	6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	40	66.4	47.4	91.2	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	8	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	69	113.7	88.4	144.7	18	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	25	**	**	**	<6	**	**	**
Breast	57	96.3	72.9	125.5	15	**	**	**
Cervix	<6				<6			
Uterus	14				<6			
Ovary	<6				<6			
Prostate	33				17			
Testis	<6				<6			
Urinary Bladder	10	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	9	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	8	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	14	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	277	634.6	559.8	719.4	42	323.9	230.9	446.4
<b>Major Sites</b>	270				41			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	25	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	44	99.6	71.6	138.6	12	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	17	**	**	**	<6	**	**	**
Breast	37	90.7	63.2	129.7	6	**	**	**
Cervix	<6				<6			
Uterus	12				<6			
Ovary	7				<6			
Prostate	39				<6			
Testis	<6				<6			
Urinary Bladder	15	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	10	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	7	**	**	**	<6	**	**	**
Leukemias	6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	9	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	989	651.4	611.1	694.1	181	468.5	401.9	544.1
<b>Major Sites</b>	954				179			
Oral Cavity and Pharynx	40	25.5	18.2	35.3	6	**	**	**
Esophagus	23	**	**	**	6	**	**	**
Stomach	13	**	**	**	<6	**	**	**
Colon and Rectum	127	83.8	69.7	100.3	27	71.0	46.5	105.3
Liver and Intrahepatic Bile Duct	12	**	**	**	<6	**	**	**
Pancreas	22	**	**	**	<6	**	**	**
Larynx	15	**	**	**	<6	**	**	**
Lung and Bronchus	189	124.4	107.1	144.0	37	96.8	67.9	135.1
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	43	29.9	21.5	40.9	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	242	155.6	136.5	177.0	58	146.5	110.8	191.5
Testis	9	**	**	**	<6	**	**	**
Urinary Bladder	52	35.3	26.3	46.9	<6	**	**	**
Kidney and Renal Pelvis	31	19.9	13.5	28.8	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	25	**	**	**	6	**	**	**
Hodgkins Disease	8	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	38	25.0	17.6	34.9	6	**	**	**
Multiple Myeloma	15	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	28	19.5	12.9	28.8	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	893	502.6	469.8	537.5	144	292.7	246.4	345.9
<b>Major Sites</b>	857				136			
Oral Cavity and Pharynx	11	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	104	54.9	44.8	67.1	14	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	22	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	150	82.6	69.8	97.4	22	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	8	**	**	**	<6	**	**	**
Melanomas of the Skin	41	26.4	18.8	36.2	<6	**	**	**
Breast	259	147.8	130.2	167.5	51	108.3	80.3	143.4
Cervix	13	**	**	**	7	**	**	**
Uterus	58	33.6	25.5	44.0	9	**	**	**
Ovary	28	15.7	10.4	23.2	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	16	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	17	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	9	**	**	**	<6	**	**	**
Thyroid	25	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	25	**	**	**	<6	**	**	**
Multiple Myeloma	11	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	28	13.9	9.2	20.8	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Eastern Shore Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	993	231.3	217.1	246.3
<b>Major Sites</b>	965			
Oral Cavity and Pharynx	18	**	**	**
Esophagus	19	**	**	**
Stomach	15	**	**	**
Colon and Rectum	108	24.9	20.4	30.2
Liver and Intrahepatic Bile Duct	15	**	**	**
Pancreas	52	11.9	8.9	15.7
Larynx	9	**	**	**
Lung and Bronchus	314	72.9	65.1	81.6
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	13	**	**	**
Breast	67	15.9	12.3	20.3
Cervix	9			
Uterus	13			
Ovary	14			
Prostate	68			
Testis	<6			
Urinary Bladder	23	**	**	**
Kidney and Renal Pelvis	16	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	13	**	**	**
Thyroid	<6	**	**	**
Leukemias	30	6.9	4.7	10.0
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	34	8.0	5.5	11.3
Multiple Myeloma	20	**	**	**
Unknown Primary/Other/III Defined Sites	88	20.5	16.4	25.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Caroline County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	78	244.1	192.9	306.5
<b>Major Sites</b>	77			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	10	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	24	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	<6			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	7	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Cecil County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	174	241.6	206.7	281.0
<b>Major Sites</b>	169			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	14	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	10	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	61	83.0	63.4	107.2
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	10	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	13			
Testis	<6			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Dorchester County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	106	277.9	227.0	339.7
<b>Major Sites</b>	103			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	14	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	34	89.8	61.9	129.2
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	11			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Kent County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	50	190.3	140.7	256.3
<b>Major Sites</b>	50			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	7	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	16	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	<6			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Queen Anne's County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	81	194.8	154.4	244.4
<b>Major Sites</b>	77			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	27	63.5	41.7	95.0
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	<6			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Somerset County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	64	243.1	187.0	313.7
<b>Major Sites</b>	60			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	7	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	23	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	<6			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Talbot County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	111	212.9	174.6	260.9
<b>Major Sites</b>	108			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	15	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	10	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	29	56.6	37.5	86.4
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	7	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	7			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Wicomico County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	198	244.2	211.4	281.0
<b>Major Sites</b>	192			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	17	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	9	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	60	74.2	56.6	95.8
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	23	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	13			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**
Multiple Myeloma	8	**	**	**
Unknown Primary/Other/III Defined Sites	15	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Worcester County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	131	214.8	178.9	257.8
<b>Major Sites</b>	129			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	15	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	7	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	40	62.5	44.5	88.1
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	8	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	9			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	569	309.5	284.2	336.6	424	176.4	159.8	194.4
<b>Major Sites</b>	555				410			
Oral Cavity and Pharynx	15	**	**	**	<6	**	**	**
Esophagus	18	**	**	**	<6	**	**	**
Stomach	11	**	**	**	<6	**	**	**
Colon and Rectum	62	33.5	25.6	43.4	46	18.3	13.3	24.8
Liver and Intrahepatic Bile Duct	10	**	**	**	<6	**	**	**
Pancreas	27	14.4	9.4	21.3	25	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	185	98.6	84.8	114.4	129	54.7	45.6	65.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	8	**	**	**
Breast	<6	**	**	**	66	28.0	21.6	36.0
Cervix					9	**	**	**
Uterus					13	**	**	**
Ovary					14	**	**	**
Prostate	68	41.2	31.8	52.7				
Testis	<6	**	**	**				
Urinary Bladder	19	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	13	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	9	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	24	**	**	**	6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	18	**	**	**	16	**	**	**
Multiple Myeloma	11	**	**	**	9	**	**	**
Unknown Primary/Other/III Defined Sites	49	25.8	19.1	34.6	39	16.0	11.3	22.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	42	293.2	211.1	399.6	36	196.4	137.1	277.7
<b>Major Sites</b>	42				35			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	11	**	**	**	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	<6	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	**	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	**	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	108	341.9	278.3	417.7	66	168.4	130.2	214.9
<b>Major Sites</b>	105				64			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	9	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	38	114.3	80.0	161.0	23	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	10	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	13	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	7	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	62	383.1	293.1	497.6	44	200.2	144.4	276.9
<b>Major Sites</b>	61				42			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	8	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	22	**	**	**	12	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	11	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	36	310.3	216.6	440.1	14	**	**	**
<b>Major Sites</b>	36				14			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	12	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	<6	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	41	215.1	151.4	303.2	40	181.5	129.4	252.2
<b>Major Sites</b>	39				38			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	11	**	**	**	16	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	<6	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	48	406.0	299.0	543.1	16	**	**	**
<b>Major Sites</b>	45				15			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	20	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	<6	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	62	291.2	222.3	381.6	49	159.1	116.5	221.7
<b>Major Sites</b>	61				47			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	11	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	16	**	**	**	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	7	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	7	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	94	303.1	243.5	374.8	104	216.4	176.4	263.5
<b>Major Sites</b>	91				101			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	12	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	34	104.9	71.9	150.2	26	54.6	35.5	81.2
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	23	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	13	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	76	289.8	226.4	369.1	55	162.0	120.7	217.8
<b>Major Sites</b>	75				54			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	8	**	**	**	7	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	7	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	21	**	**	**	19	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	8	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	9	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	826	244.5	228.1	262.0	165	188.3	160.6	219.8
<b>Major Sites</b>	804				159			
Oral Cavity and Pharynx	15	**	**	**	<6	**	**	**
Esophagus	13	**	**	**	6	**	**	**
Stomach	9	**	**	**	6	**	**	**
Colon and Rectum	79	23.2	18.3	29.1	29	33.2	22.2	48.1
Liver and Intrahepatic Bile Duct	14	**	**	**	<6	**	**	**
Pancreas	44	12.7	9.2	17.3	7	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	265	78.4	69.3	88.6	49	55.4	40.9	73.6
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	13	**	**	**	<6	**	**	**
Breast	61	18.4	14.0	23.8	6	**	**	**
Cervix	7				<6			
Uterus	10				<6			
Ovary	13				<6			
Prostate	51				17			
Testis	<6				<6			
Urinary Bladder	19	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	14	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	13	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	26	7.6	5.0	11.4	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	33	9.8	6.7	14.0	<6	**	**	**
Multiple Myeloma	16	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	74	21.9	17.2	27.7	13	14.6	7.8	25.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	68	268.7	208.4	343.5	10	**	**	**
<b>Major Sites</b>	67				10			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	21	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	7	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	166	246.0	209.7	287.1	8	**	**	**
<b>Major Sites</b>	162				7			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	13	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	10	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	58	84.0	63.7	109.3	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	10	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	12				<6			
Testis	<6				<6			
Urinary Bladder	6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	74	279.1	218.1	358.0	32	302.8	206.5	431.9
<b>Major Sites</b>	72				31			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	9	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	25	**	**	**	9	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	7				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	41	211.9	150.9	296.8	9	**	**	**
<b>Major Sites</b>	41				9			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	14	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	71	212.2	165.2	270.5	10	**	**	**
<b>Major Sites</b>	67				10			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	8	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	24	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	46	270.5	197.5	370.7	18	**	**	**
<b>Major Sites</b>	44				16			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	17	**	**	**	6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	87	211.3	168.5	267.7	23	**	**	**
<b>Major Sites</b>	84				23			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	<6	**	**	**	10	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	8	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	26	65.8	42.5	104.6	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	1	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	160	264.0	224.6	309.0	37	190.7	133.7	265.5
<b>Major Sites</b>	155				36			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	14	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	7	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	47	78.1	57.3	104.7	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	20	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	8				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**	<6	**	**	**
Multiple Myeloma	6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	113	241.1	197.8	294.6	18	**	**	**
<b>Major Sites</b>	112				17			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	13	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	33	68.2	46.7	100.6	7	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	8	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	8				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	11	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	466	317.7	289.1	348.7	103	285.5	232.2	348.3
<b>Major Sites</b>	454				101			
Oral Cavity and Pharynx	12	**	**	**	<6	**	**	**
Esophagus	12	**	**	**	6	**	**	**
Stomach	6	**	**	**	<6	**	**	**
Colon and Rectum	45	30.4	22.1	41.3	17	**	**	**
Liver and Intrahepatic Bile Duct	10	**	**	**	<6	**	**	**
Pancreas	25	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	153	102.1	86.4	120.3	32	88.3	60.1	126.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	51	38.6	28.6	51.4	17	**	**	**
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	16	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	12	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	9	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	21	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	17	**	**	**	<6	**	**	**
Multiple Myeloma	8	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	43	28.7	20.7	39.2	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	360	192.5	172.8	214.1	62	122.2	93.6	157.7
<b>Major Sites</b>	350				58			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	34	17.5	12.0	25.1	12	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	19	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	112	61.1	50.2	74.1	17	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	8	**	**	**	<6	**	**	**
Breast	61	33.0	25.2	43.0	<6	**	**	**
Cervix	7	**	**	**	<6	**	**	**
Uterus	10	**	**	**	<6	**	**	**
Ovary	13	**	**	**	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	16	**	**	**	<6	**	**	**
Multiple Myeloma	8	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	31	16.3	11.0	23.8	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, National Capital Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	6,052	432.4	421.5	443.6
<b>Major Sites</b>	5,890			
Oral Cavity and Pharynx	133	9.3	7.7	11.0
Esophagus	50	3.8	2.8	5.0
Stomach	89	6.6	5.3	8.1
Colon and Rectum	638	47.7	44.0	51.6
Liver and Intrahepatic Bile Duct	61	4.4	3.4	5.7
Pancreas	116	8.6	7.1	10.3
Larynx	54	4.0	3.0	5.2
Lung and Bronchus	748	55.9	51.9	60.1
Bones and Joints	12	**	**	**
Soft Tissue	42	2.7	1.9	3.7
Melanomas of the Skin	190	12.8	11.0	14.8
Breast	1,120	75.9	71.4	80.5
Cervix	67			
Uterus	170			
Ovary	100			
Prostate	1,096			
Testis	24			
Urinary Bladder	200	15.2	13.2	17.5
Kidney and Renal Pelvis	128	9.2	7.7	11.0
Eye	6	**	**	**
Brain and Other Nervous System	84	5.6	4.4	7.0
Thyroid	143	8.7	7.4	10.4
Leukemias	126	9.0	7.5	10.7
Hodgkins Disease	33	2.0	1.4	2.8
Non-Hodgkins Lymphomas	232	16.3	14.3	18.6
Multiple Myeloma	63	4.7	3.6	6.0
Unknown Primary/Other/III Defined Sites	165	12.1	10.3	14.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Montgomery County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,386	417.3	403.3	431.7
<b>Major Sites</b>	3,286			
Oral Cavity and Pharynx	59	7.3	5.5	9.4
Esophagus	31	3.9	2.7	5.6
Stomach	50	6.2	4.6	8.3
Colon and Rectum	335	42.0	37.6	46.8
Liver and Intrahepatic Bile Duct	37	4.6	3.2	6.3
Pancreas	46	5.8	4.2	7.7
Larynx	25	**	**	**
Lung and Bronchus	379	47.8	43.1	52.9
Bones and Joints	<6	**	**	**
Soft Tissue	25	**	**	**
Melanomas of the Skin	155	18.3	15.5	21.5
Breast	667	80.3	74.3	86.7
Cervix	28			
Uterus	96			
Ovary	55			
Prostate	614			
Testis	15			
Urinary Bladder	120	15.2	12.6	18.2
Kidney and Renal Pelvis	74	9.2	7.2	11.6
Eye	<6	**	**	**
Brain and Other Nervous System	45	5.4	3.9	7.3
Thyroid	96	10.9	8.8	13.3
Leukemias	62	7.8	5.9	10.0
Hodgkins Disease	21	**	**	**
Non-Hodgkins Lymphomas	141	17.3	14.5	20.4
Multiple Myeloma	28	3.5	2.3	5.1
Unknown Primary/Other/III Defined Sites	73	9.0	7.1	11.4

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Prince Georges County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,666	453.6	436.0	471.8
<b>Major Sites</b>	2,604			
Oral Cavity and Pharynx	74	11.7	9.1	14.9
Esophagus	19	**	**	**
Stomach	39	7.1	5.0	9.9
Colon and Rectum	303	55.0	48.8	61.8
Liver and Intrahepatic Bile Duct	24	**	**	**
Pancreas	70	12.8	9.9	16.4
Larynx	29	5.1	3.4	7.5
Lung and Bronchus	369	66.8	60.0	74.3
Bones and Joints	7	**	**	**
Soft Tissue	17	**	**	**
Melanomas of the Skin	35	5.6	3.8	8.0
Breast	453	69.2	62.7	76.2
Cervix	39			
Uterus	74			
Ovary	45			
Prostate	482			
Testis	9			
Urinary Bladder	80	15.0	11.8	18.8
Kidney and Renal Pelvis	54	9.5	7.1	12.6
Eye	<6	**	**	**
Brain and Other Nervous System	39	5.7	4.0	8.1
Thyroid	47	6.5	4.8	9.0
Leukemias	64	10.5	8.0	13.7
Hodgkins Disease	12	**	**	**
Non-Hodgkins Lymphomas	91	15.0	12.0	18.8
Multiple Myeloma	35	6.2	4.3	8.8
Unknown Primary/Other/III Defined Sites	92	16.8	13.4	20.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,024	513.2	494.4	532.7	3,026	380.1	366.6	394.0
<b>Major Sites</b>	2,947				2,941			
Oral Cavity and Pharynx	79	11.9	9.4	15.2	54	6.9	5.2	9.1
Esophagus	39	6.9	4.8	9.7	11	**	**	**
Stomach	57	10.2	7.6	13.6	32	4.1	2.8	5.8
Colon and Rectum	323	57.5	51.1	64.6	315	40.8	36.4	45.6
Liver and Intrahepatic Bile Duct	40	6.7	4.7	9.4	21	**	**	**
Pancreas	61	10.1	7.6	13.2	55	7.2	5.4	9.4
Larynx	42	6.9	5.0	9.6	12	**	**	**
Lung and Bronchus	407	70.8	63.9	78.4	341	44.5	39.9	49.5
Bones and Joints	8	**	**	**	<6	**	**	**
Soft Tissue	31	4.3	2.9	6.5	11	**	**	**
Melanomas of the Skin	109	17.4	14.1	21.3	81	9.7	7.7	12.1
Breast	15	**	**	**	1,105	136.3	128.3	144.7
Cervix					67	8.2	6.3	10.4
Uterus					170	21.6	18.4	25.1
Ovary					100	12.6	10.3	15.4
Prostate	1,096	186.4	175.2	198.3				
Testis	24	**	**	**				
Urinary Bladder	139	26.0	21.7	31.1	60	7.6	5.8	9.9
Kidney and Renal Pelvis	77	12.4	9.7	15.8	51	6.6	4.9	8.8
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	42	6.3	4.5	8.9	42	5.1	3.7	7.0
Thyroid	25	**	**	**	118	13.5	11.2	16.3
Leukemias	71	12.1	9.3	15.7	55	7.0	5.3	9.2
Hodgkins Disease	17	**	**	**	16	**	**	**
Non-Hodgkins Lymphomas	123	19.4	15.9	23.5	109	13.9	11.4	16.8
Multiple Myeloma	37	6.8	4.7	9.7	26	3.4	2.2	5.0
Unknown Primary/Other/III Defined Sites	80	14.7	11.5	18.6	84	10.7	8.6	13.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,672	487.8	464.2	512.4	1,713	373.2	355.7	391.5
<b>Major Sites</b>	1,621				1,664			
Oral Cavity and Pharynx	33	9.2	6.3	13.3	26	5.7	3.7	8.5
Esophagus	24	**	**	**	7	**	**	**
Stomach	34	10.1	6.9	14.4	16	**	**	**
Colon and Rectum	160	48.4	41.0	56.9	175	37.1	31.8	43.2
Liver and Intrahepatic Bile Duct	25	**	**	**	12	**	**	**
Pancreas	25	**	**	**	21	**	**	**
Larynx	21	**	**	**	<6	**	**	**
Lung and Bronchus	199	59.5	51.4	68.7	180	39.1	33.5	45.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	17	**	**	**	8	**	**	**
Melanomas of the Skin	89	24.5	19.5	30.5	66	14.2	11.0	18.2
Breast	6	**	**	**	661	145.2	134.3	156.8
Cervix					28	6.1	4.0	8.9
Uterus					96	21.6	17.5	26.5
Ovary					55	12.1	9.1	15.9
Prostate	614	178.1	164.1	193.2				
Testis	15	**	**	**				
Urinary Bladder	84	26.3	20.9	32.9	36	7.4	5.2	10.4
Kidney and Renal Pelvis	50	13.9	10.3	18.6	24	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	25	**	**	**	20	**	**	**
Thyroid	19	**	**	**	77	16.6	13.1	20.9
Leukemias	36	11.3	7.8	15.9	26	5.7	3.7	8.5
Hodgkins Disease	13	**	**	**	8	**	**	**
Non-Hodgkins Lymphomas	76	20.7	16.2	26.3	65	14.2	11.0	18.3
Multiple Myeloma	17	**	**	**	11	**	**	**
Unknown Primary/Other/III Defined Sites	32	10.1	6.8	14.6	40	8.6	6.2	11.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,352	549.2	518.0	582.3	1,324	390.4	369.2	412.6
<b>Major Sites</b>	1,326				1,277			
Oral Cavity and Pharynx	46	15.0	10.8	21.3	28	8.6	5.6	12.5
Esophagus	15	**	**	**	<6	**	**	**
Stomach	23	**	**	**	16	**	**	**
Colon and Rectum	163	70.8	59.3	84.4	140	45.0	37.7	53.2
Liver and Intrahepatic Bile Duct	15	**	**	**	9	**	**	**
Pancreas	36	13.4	9.1	19.9	34	11.4	7.9	16.1
Larynx	21	**	**	**	8	**	**	**
Lung and Bronchus	208	86.6	74.6	100.7	161	51.9	44.1	60.7
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	14	**	**	**	<6	**	**	**
Melanomas of the Skin	20	**	**	**	15	**	**	**
Breast	9	**	**	**	444	123.6	112.1	136.0
Cervix					39	11.2	7.9	15.5
Uterus					74	21.8	17.0	27.6
Ovary					45	13.5	9.8	18.2
Prostate	482	199.0	180.6	219.5				
Testis	9	**	**	**				
Urinary Bladder	55	25.2	18.5	34.2	24	**	**	**
Kidney and Renal Pelvis	27	10.2	6.6	16.2	27	8.7	5.7	12.8
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	17	**	**	**	22	**	**	**
Thyroid	6	**	**	**	41	10.4	7.4	14.4
Leukemias	35	12.7	8.4	19.3	29	8.9	5.9	12.9
Hodgkins Disease	<6	**	**	**	8	**	**	**
Non-Hodgkins Lymphomas	47	18.4	13.0	26.0	44	13.0	9.4	17.8
Multiple Myeloma	20	**	**	**	15	**	**	**
Unknown Primary/Other/III Defined Sites	48	21.9	15.6	30.5	44	13.9	10.0	18.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	3,833	399.0	386.4	411.8	1,660	504.8	477.8	533.2
<b>Major Sites</b>	3,731				1,618			
Oral Cavity and Pharynx	76	8.0	6.3	10.0	43	11.8	8.2	16.9
Esophagus	36	3.8	2.6	5.2	12	**	**	**
Stomach	48	5.0	3.7	6.7	29	11.1	7.0	16.9
Colon and Rectum	388	40.2	36.3	44.5	191	65.6	55.6	77.2
Liver and Intrahepatic Bile Duct	30	3.1	2.1	4.4	14	**	**	**
Pancreas	73	7.6	5.9	9.6	37	13.1	8.8	19.2
Larynx	40	4.2	3.0	5.8	10	**	**	**
Lung and Bronchus	502	51.9	47.5	56.7	206	70.5	60.4	82.3
Bones and Joints	<6	**	**	**	7	**	**	**
Soft Tissue	28	2.9	1.9	4.3	11	**	**	**
Melanomas of the Skin	183	19.0	16.4	22.0	<6	**	**	**
Breast	700	72.8	67.5	78.4	337	84.4	74.4	95.8
Cervix	26				28			
Uterus	115				40			
Ovary	63				28			
Prostate	620				322			
Testis	19				<6			
Urinary Bladder	160	16.6	14.1	19.4	22	**	**	**
Kidney and Renal Pelvis	87	9.1	7.3	11.3	34	10.0	6.7	14.9
Eye	6	**	**	**	<6	**	**	**
Brain and Other Nervous System	60	6.3	4.8	8.1	18	**	**	**
Thyroid	94	9.8	7.9	12.0	34	6.8	4.4	10.7
Leukemias	80	8.5	6.7	10.6	38	10.3	6.8	15.5
Hodgkins Disease	22	**	**	**	9	**	**	**
Non-Hodgkins Lymphomas	149	15.4	13.0	18.1	58	14.6	10.6	20.2
Multiple Myeloma	30	3.1	2.1	4.5	28	9.3	5.9	14.4
Unknown Primary/Other/III Defined Sites	91	9.4	7.6	11.6	55	19.6	14.1	26.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,672	407.7	392.4	423.6	335	418.2	371.1	470.6
<b>Major Sites</b>	2,538				321			
Oral Cavity and Pharynx	46	7.1	5.2	9.5	<6	**	**	**
Esophagus	27	4.1	2.7	6.1	<6	**	**	**
Stomach	35	5.3	3.7	7.5	<6	**	**	**
Colon and Rectum	255	38.2	33.6	43.3	33	44.8	29.6	65.9
Liver and Intrahepatic Bile Duct	21	**	**	**	<6	**	**	**
Pancreas	38	5.8	4.1	8.1	<6	**	**	**
Larynx	20	**	**	**	<6	**	**	**
Lung and Bronchus	315	47.8	42.7	53.5	42	62.5	44.1	86.8
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	22	**	**	**	<6	**	**	**
Melanomas of the Skin	151	22.9	19.3	26.9	<6	**	**	**
Breast	534	81.1	74.4	88.4	73	79.5	61.0	103.3
Cervix	16				<6			
Uterus	77				11			
Ovary	43				6			
Prostate	447				76			
Testis	12				<6			
Urinary Bladder	101	15.2	12.4	18.6	<6	**	**	**
Kidney and Renal Pelvis	60	9.3	7.1	12.0	8	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	40	6.2	4.4	8.5	<6	**	**	**
Thyroid	76	11.7	9.2	14.8	7	**	**	**
Leukemias	50	7.7	5.7	10.2	6	**	**	**
Hodgkins Disease	18	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	107	16.3	13.4	19.8	15	**	**	**
Multiple Myeloma	21	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	57	8.6	6.5	11.2	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,161	380.7	359.0	403.5	1,325	534.4	502.0	568.8
<b>Major Sites</b>	1,136				1,290			
Oral Cavity and Pharynx	30	10.0	6.7	14.5	38	13.7	9.3	20.4
Esophagus	9	**	**	**	9	**	**	**
Stomach	13	**	**	**	25	**	**	**
Colon and Rectum	133	43.6	36.5	51.9	158	72.8	60.5	87.3
Liver and Intrahepatic Bile Duct	9	**	**	**	10	**	**	**
Pancreas	35	11.5	8.0	16.2	33	16.7	10.8	25.1
Larynx	20	**	**	**	8	**	**	**
Lung and Bronchus	187	60.6	52.2	70.2	164	72.5	60.7	86.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	6	**	**	**	10	**	**	**
Melanomas of the Skin	32	10.7	7.3	15.3	<6	**	**	**
Breast	166	54.6	46.6	63.8	264	86.2	74.5	99.9
Cervix	10				23			
Uterus	38				29			
Ovary	20				22			
Prostate	173				246			
Testis	7				<6			
Urinary Bladder	59	19.7	15.0	25.6	17	**	**	**
Kidney and Renal Pelvis	27	8.9	5.9	13.3	26	10.5	6.5	16.9
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	20	**	**	**	18	**	**	**
Thyroid	18	**	**	**	27	7.7	4.7	13.0
Leukemias	30	10.2	6.9	14.9	32	11.6	7.3	18.3
Hodgkins Disease	<6	**	**	**	7	**	**	**
Non-Hodgkins Lymphomas	42	13.5	9.8	18.5	43	14.8	10.1	21.9
Multiple Myeloma	9	**	**	**	25	**	**	**
Unknown Primary/Other/III Defined Sites	34	11.3	7.8	16.1	48	24.5	17.2	34.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,890	457.4	436.6	479.0	826	649.6	597.6	706.5
<b>Major Sites</b>	1,838				811			
Oral Cavity and Pharynx	45	10.3	7.5	14.1	27	16.5	10.1	28.7
Esophagus	28	6.9	4.5	10.2	9	**	**	**
Stomach	33	8.1	5.5	11.7	17	**	**	**
Colon and Rectum	191	47.9	41.2	55.5	101	85.7	66.3	110.5
Liver and Intrahepatic Bile Duct	20	**	**	**	10	**	**	**
Pancreas	39	9.3	6.6	13.0	18	**	**	**
Larynx	29	6.8	4.5	10.0	9	**	**	**
Lung and Bronchus	257	62.5	55.0	70.9	127	105.3	85.1	130.7
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	20	**	**	**	8	**	**	**
Melanomas of the Skin	105	24.6	20.0	30.1	<6	**	**	**
Breast	6	**	**	**	8	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	620	148.1	136.5	160.5	322	266.7	234.1	304.2
Testis	19	**	**	**	<6	**	**	**
Urinary Bladder	116	29.4	24.2	35.5	15	**	**	**
Kidney and Renal Pelvis	51	11.9	8.8	15.9	22	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	36	8.4	5.9	12.0	<6	**	**	**
Thyroid	20	**	**	**	<6	**	**	**
Leukemias	46	11.6	8.4	15.7	21	**	**	**
Hodgkins Disease	13	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	72	17.1	13.3	21.9	34	17.4	11.1	29.1
Multiple Myeloma	18	**	**	**	16	**	**	**
Unknown Primary/Other/III Defined Sites	46	12.2	8.9	16.6	26	23.5	13.5	39.7

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,942	364.3	348.2	381.1	834	413.5	383.1	446.1
<b>Major Sites</b>	1,892				807			
Oral Cavity and Pharynx	31	5.8	3.9	8.4	16	**	**	**
Esophagus	8	**	**	**	<6	**	**	**
Stomach	15	**	**	**	12	**	**	**
Colon and Rectum	197	34.7	30.0	40.1	90	53.2	42.0	66.9
Liver and Intrahepatic Bile Duct	10	**	**	**	<6	**	**	**
Pancreas	34	6.1	4.2	8.7	19	**	**	**
Larynx	11	**	**	**	<6	**	**	**
Lung and Bronchus	245	44.1	38.7	50.2	79	46.7	36.3	59.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	8	**	**	**	<6	**	**	**
Melanomas of the Skin	78	15.4	12.1	19.3	<6	**	**	**
Breast	694	133.4	123.6	143.9	329	144.5	127.8	163.3
Cervix	26	5.0	3.3	7.5	28	12.3	7.7	19.2
Uterus	115	22.2	18.3	26.8	40	21.2	14.7	30.2
Ovary	63	12.2	9.4	15.8	28	15.8	10.1	24.1
Prostate								
Testis								
Urinary Bladder	43	7.3	5.3	10.1	7	**	**	**
Kidney and Renal Pelvis	36	6.7	4.7	9.5	12	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	24	**	**	**	13	**	**	**
Thyroid	74	15.0	11.8	19.0	32	11.2	7.4	17.3
Leukemias	34	6.4	4.4	9.1	17	**	**	**
Hodgkins Disease	9	**	**	**	6	**	**	**
Non-Hodgkins Lymphomas	77	14.0	11.0	17.7	24	**	**	**
Multiple Myeloma	12	**	**	**	12	**	**	**
Unknown Primary/Other/III Defined Sites	45	8.3	6.0	11.3	29	17.5	11.2	26.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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 (CI) By Major Site, All Races, Both Sexes, National Capital Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,382	179.0	171.8	186.4
<b>Major Sites</b>	2,312			
Oral Cavity and Pharynx	34	2.5	1.7	3.5
Esophagus	54	4.1	3.1	5.4
Stomach	65	4.9	3.7	6.2
Colon and Rectum	240	18.7	16.4	21.2
Liver and Intrahepatic Bile Duct	65	4.7	3.6	6.0
Pancreas	134	10.1	8.4	11.9
Larynx	17	**	**	**
Lung and Bronchus	579	43.8	40.2	47.5
Bones and Joints	<6	**	**	**
Soft Tissue	23	**	**	**
Melanomas of the Skin	29	2.2	1.5	3.2
Breast	214	15.4	13.4	17.7
Cervix	20			
Uterus	24			
Ovary	61			
Prostate	148			
Testis	<6			
Urinary Bladder	41	3.2	2.3	4.4
Kidney and Renal Pelvis	31	2.2	1.5	3.2
Eye	<6	**	**	**
Brain and Other Nervous System	51	3.6	2.6	4.7
Thyroid	9	**	**	**
Leukemias	83	6.3	5.0	7.8
Hodgkins Disease	9	**	**	**
Non-Hodgkins Lymphomas	94	7.0	5.6	8.6
Multiple Myeloma	63	4.8	3.7	6.2
Unknown Primary/Other/III Defined Sites	216	16.2	14.1	18.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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 (CI) By Major Site, All Races, Both Sexes, Montgomery County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,201	151.2	142.8	160.1
<b>Major Sites</b>	1,159			
Oral Cavity and Pharynx	14	**	**	**
Esophagus	27	3.4	2.3	5.0
Stomach	31	3.9	2.6	5.6
Colon and Rectum	112	14.3	11.7	17.2
Liver and Intrahepatic Bile Duct	37	4.6	3.2	6.4
Pancreas	62	7.9	6.0	10.1
Larynx	<6	**	**	**
Lung and Bronchus	272	34.4	30.5	38.8
Bones and Joints	<6	**	**	**
Soft Tissue	12	**	**	**
Melanomas of the Skin	23	**	**	**
Breast	117	14.6	12.0	17.5
Cervix	9			
Uterus	10			
Ovary	39			
Prostate	77			
Testis	<6			
Urinary Bladder	24	**	**	**
Kidney and Renal Pelvis	18	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	32	3.9	2.7	5.6
Thyroid	<6	**	**	**
Leukemias	44	5.6	4.1	7.6
Hodgkins Disease	6	**	**	**
Non-Hodgkins Lymphomas	52	6.5	4.9	8.6
Multiple Myeloma	30	3.8	2.6	5.5
Unknown Primary/Other/III Defined Sites	99	12.4	10.1	15.1

\*Rates are per 100,000 and are age-adjusted to the 2000 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**  
**(CI) By Major Site, All Races, Both Sexes, Prince George's County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,181	218.7	206.0	232.0
<b>Major Sites</b>	1,153			
Oral Cavity and Pharynx	20	**	**	**
Esophagus	27	4.9	3.2	7.3
Stomach	34	6.2	4.2	8.8
Colon and Rectum	128	25.4	21.1	30.5
Liver and Intrahepatic Bile Duct	28	4.7	3.1	7.1
Pancreas	72	13.3	10.3	17.0
Larynx	13	**	**	**
Lung and Bronchus	307	56.3	50.1	63.3
Bones and Joints	<6	**	**	**
Soft Tissue	11	**	**	**
Melanomas of the Skin	6	**	**	**
Breast	97	16.4	13.2	20.3
Cervix	11			
Uterus	14			
Ovary	22			
Prostate	71			
Testis	<6			
Urinary Bladder	17	**	**	**
Kidney and Renal Pelvis	13	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	19	**	**	**
Thyroid	<6	**	**	**
Leukemias	39	6.9	4.8	9.6
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	42	7.8	5.5	10.7
Multiple Myeloma	33	6.4	4.4	9.2
Unknown Primary/Other/III Defined Sites	117	22.2	18.3	26.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,197	223.6	210.6	237.4	1,185	152.8	144.2	161.9
<b>Major Sites</b>	1,162				1,150			
Oral Cavity and Pharynx	22	**	**	**	12	**	**	**
Esophagus	38	6.7	4.7	9.5	16	**	**	**
Stomach	35	6.8	4.7	9.7	30	3.8	2.5	5.4
Colon and Rectum	108	20.7	16.8	25.3	132	17.0	14.2	20.2
Liver and Intrahepatic Bile Duct	43	7.5	5.3	10.5	22	**	**	**
Pancreas	72	12.4	9.6	15.9	62	8.1	6.2	10.4
Larynx	9	**	**	**	8	**	**	**
Lung and Bronchus	312	57.3	50.9	64.4	267	34.9	30.8	39.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	16	**	**	**	7	**	**	**
Melanomas of the Skin	18	**	**	**	11	**	**	**
Breast	<6	**	**	**	213	27.1	23.6	31.1
Cervix					20	**	**	**
Uterus					24	**	**	**
Ovary					61	8.0	6.1	10.3
Prostate	148	32.8	27.5	38.9				
Testis	<6	**	**	**				
Urinary Bladder	28	5.8	3.8	8.6	13	**	**	**
Kidney and Renal Pelvis	16	**	**	**	15	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	26	4.2	2.7	6.5	25	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	48	9.1	6.6	12.4	35	4.5	3.1	6.2
Hodgkins Disease	8	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	50	8.9	6.5	12.1	44	5.7	4.1	7.6
Multiple Myeloma	37	7.1	4.9	10.1	26	3.4	2.2	5.1
Unknown Primary/Other/III Defined Sites	118	21.3	17.5	25.9	98	12.8	10.4	15.6

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	591	187.5	172.3	203.8	610	131.0	120.8	142.0
<b>Major Sites</b>	570				589			
Oral Cavity and Pharynx	7	**	**	**	7	**	**	**
Esophagus	19	**	**	**	8	**	**	**
Stomach	20	**	**	**	11	**	**	**
Colon and Rectum	46	14.9	10.8	20.1	66	13.6	10.5	17.5
Liver and Intrahepatic Bile Duct	24	**	**	**	13	**	**	**
Pancreas	36	10.9	7.6	15.5	26	5.6	3.7	8.4
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	145	45.2	38.0	53.6	127	27.1	22.6	32.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	9	**	**	**	<6	**	**	**
Melanomas of the Skin	15	**	**	**	8	**	**	**
Breast	<6	**	**	**	117	25.6	21.2	30.8
Cervix					9	**	**	**
Uterus					10	**	**	**
Ovary					39	8.5	6.0	11.8
Prostate	77	27.1	21.3	34.2				
Testis	<6	**	**	**				
Urinary Bladder	15	**	**	**	9	**	**	**
Kidney and Renal Pelvis	9	**	**	**	9	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	19	**	**	**	13	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	25	**	**	**	19	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	26	8.0	5.1	12.0	26	5.4	3.6	8.1
Multiple Myeloma	17	**	**	**	13	**	**	**
Unknown Primary/Other/III Defined Sites	52	16.1	11.9	21.5	47	10.1	7.4	13.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	606	277.0	253.4	302.7	575	183.6	168.7	199.5
<b>Major Sites</b>	592				561			
Oral Cavity and Pharynx	15	**	**	**	<6	**	**	**
Esophagus	19	**	**	**	8	**	**	**
Stomach	15	**	**	**	19	**	**	**
Colon and Rectum	62	29.8	22.3	39.6	66	22.2	17.1	28.3
Liver and Intrahepatic Bile Duct	19	**	**	**	9	**	**	**
Pancreas	36	13.9	9.3	20.7	36	12.0	8.4	16.8
Larynx	9	**	**	**	<6	**	**	**
Lung and Bronchus	167	75.0	63.2	88.9	140	44.8	37.7	53.1
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	96	28.8	23.2	35.4
Cervix					11	**	**	**
Uterus					14	**	**	**
Ovary					22	**	**	**
Prostate	71	42.8	32.7	55.4				
Testis	<6	**	**	**				
Urinary Bladder	13	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	12	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	23	**	**	**	16	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	24	**	**	**	18	**	**	**
Multiple Myeloma	20	**	**	**	13	**	**	**
Unknown Primary/Other/III Defined Sites	66	29.3	22.2	38.7	51	17.0	12.6	22.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,560	161.6	153.7	169.9	726	261.6	240.8	284.0
<b>Major Sites</b>	1,507				713			
Oral Cavity and Pharynx	21	**	**	**	13	**	**	**
Esophagus	34	3.5	2.4	5.0	20	**	**	**
Stomach	34	3.5	2.4	4.9	23	**	**	**
Colon and Rectum	147	15.3	12.9	18.0	82	32.1	24.9	41.1
Liver and Intrahepatic Bile Duct	31	3.2	2.2	4.6	17	**	**	**
Pancreas	86	8.9	7.2	11.1	40	15.4	10.6	21.9
Larynx	10	**	**	**	7	**	**	**
Lung and Bronchus	380	39.2	35.3	43.4	180	66.1	55.8	77.9
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	15	**	**	**	6	**	**	**
Melanomas of the Skin	29	3.0	2.0	4.4	<6	**	**	**
Breast	127	13.2	11.0	15.8	84	25.7	19.8	33.1
Cervix	11				8			
Uterus	14				10			
Ovary	48				11			
Prostate	94				49			
Testis	<6				<6			
Urinary Bladder	37	3.8	2.7	5.3	<6	**	**	**
Kidney and Renal Pelvis	21	**	**	**	8	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	40	4.2	3.0	5.8	11	**	**	**
Thyroid	7	**	**	**	<6	**	**	**
Leukemias	57	5.9	4.5	7.7	23	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	72	7.5	5.9	9.5	21	**	**	**
Multiple Myeloma	37	3.8	2.7	5.3	25	**	**	**
Unknown Primary/Other/III Defined Sites	144	14.9	12.6	17.6	63	24.3	18.1	32.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,002	151.0	141.8	160.7	132	192.6	159.2	231.9
<b>Major Sites</b>	962				132			
Oral Cavity and Pharynx	12	**	**	**	<6	**	**	**
Esophagus	25	**	**	**	<6	**	**	**
Stomach	24	**	**	**	<6	**	**	**
Colon and Rectum	93	13.8	11.2	17.0	9	**	**	**
Liver and Intrahepatic Bile Duct	23	**	**	**	<6	**	**	**
Pancreas	43	6.5	4.7	8.9	12	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	231	34.7	30.3	39.5	29	48.5	31.8	71.5
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	10	**	**	**	<6	**	**	**
Melanomas of the Skin	23	**	**	**	<6	**	**	**
Breast	92	13.9	11.2	17.2	23	**	**	**
Cervix	6				<6			
Uterus	10				<6			
Ovary	33				<6			
Prostate	63				11			
Testis	<6				<6			
Urinary Bladder	23	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	15	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	31	4.8	3.3	6.9	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	36	5.4	3.8	7.6	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	48	7.4	5.4	9.9	<6	**	**	**
Multiple Myeloma	25	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	81	12.2	9.7	15.2	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	558	184.3	169.2	200.4	594	286.3	260.7	314.2
<b>Major Sites</b>	545				581			
Oral Cavity and Pharynx	9	**	**	**	11	**	**	**
Esophagus	9	**	**	**	18	**	**	**
Stomach	10	**	**	**	22	**	**	**
Colon and Rectum	54	18.5	13.9	24.4	73	39.5	29.9	51.5
Liver and Intrahepatic Bile Duct	8	**	**	**	14	**	**	**
Pancreas	43	14.4	10.4	19.6	28	14.4	9.0	22.3
Larynx	6	**	**	**	7	**	**	**
Lung and Bronchus	149	48.1	40.6	56.7	151	71.6	59.3	86.1
Bones and Joints	<6	**	**	**	<6	0.0	0.0	3.6
Soft Tissue	<6	**	**	**	6	**	**	**
Melanomas of the Skin	6	**	**	**	<6	**	**	**
Breast	35	11.6	8.1	16.4	61	23.6	17.1	32.4
Cervix	<6				6			
Uterus	<6				10			
Ovary	15				6			
Prostate	31				38			
Testis	<6				<6			
Urinary Bladder	14	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	6	**	**	**	6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	9	**	**	**	10	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	21	**	**	**	18	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	24	**	**	**	17	**	**	**
Multiple Myeloma	12	**	**	**	21	**	**	**
Unknown Primary/Other/III Defined Sites	63	20.8	16.0	26.9	50	26.9	19.2	37.2

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	776	200.8	186.5	215.9	367	349.0	307.6	395.7
<b>Major Sites</b>	751				360			
Oral Cavity and Pharynx	11	**	**	**	11	**	**	**
Esophagus	22	**	**	**	16	**	**	**
Stomach	25	**	**	**	7	**	**	**
Colon and Rectum	65	17.2	13.2	22.3	39	39.8	26.5	59.0
Liver and Intrahepatic Bile Duct	20	**	**	**	10	**	**	**
Pancreas	47	11.5	8.4	15.6	21	**	**	**
Larynx	<6	**	**	**	6	**	**	**
Lung and Bronchus	197	49.3	42.5	57.0	103	103.9	81.4	132.0
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	9	**	**	**	<6	**	**	**
Melanomas of the Skin	18	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	94	27.1	21.7	33.5	49	70.2	50.1	96.6
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	26	7.0	4.5	10.6	<6	**	**	**
Kidney and Renal Pelvis	9	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	24	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	32	8.6	5.8	12.4	15	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	38	9.4	6.6	13.2	12	**	**	**
Multiple Myeloma	22	**	**	**	15	**	**	**
Unknown Primary/Other/III Defined Sites	79	20.1	15.8	25.4	34	29.1	18.6	45.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	784	140.2	130.5	150.6	359	211.1	188.0	236.5
<b>Major Sites</b>	756				353			
Oral Cavity and Pharynx	10	**	**	**	<6	**	**	**
Esophagus	12	**	**	**	<6	**	**	**
Stomach	9	**	**	**	16	**	**	**
Colon and Rectum	82	13.7	10.8	17.1	43	27.4	19.3	38.0
Liver and Intrahepatic Bile Duct	11	**	**	**	7	**	**	**
Pancreas	39	6.9	4.9	9.6	19	**	**	**
Larynx	7	**	**	**	<6	**	**	**
Lung and Bronchus	183	32.5	27.9	37.7	77	45.2	35.0	57.8
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	6	**	**	**	<6	**	**	**
Melanomas of the Skin	11	**	**	**	<6	**	**	**
Breast	127	23.4	19.4	28.0	83	43.5	33.9	55.5
Cervix	11	**	**	**	8	**	**	**
Uterus	14	**	**	**	10	**	**	**
Ovary	48	8.9	6.5	12.0	11	**	**	**
Prostate								
Testis								
Urinary Bladder	11	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	12	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	16	**	**	**	9	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	25	**	**	**	8	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	34	6.0	4.1	8.5	9	**	**	**
Multiple Myeloma	15	**	**	**	10	**	**	**
Unknown Primary/Other/III Defined Sites	65	11.6	8.9	14.9	29	20.2	13.2	29.9

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Northwest Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	2,089	489.0	468.2	510.5
<b>Major Sites</b>	2,039			
Oral Cavity and Pharynx	41	9.6	6.9	13.1
Esophagus	30	7.0	4.7	10.1
Stomach	22	**	**	**
Colon and Rectum	255	58.9	51.9	66.7
Liver and Intrahepatic Bile Duct	18	**	**	**
Pancreas	39	9.1	6.5	12.5
Larynx	31	7.4	5.0	10.5
Lung and Bronchus	295	69.1	61.4	77.5
Bones and Joints	6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	94	21.8	17.6	26.8
Breast	339	79.7	71.5	88.7
Cervix	22			
Uterus	74			
Ovary	36			
Prostate	290			
Testis	16			
Urinary Bladder	90	20.8	16.8	25.7
Kidney and Renal Pelvis	57	13.5	10.2	17.5
Eye	<6	**	**	**
Brain and Other Nervous System	35	8.3	5.8	11.6
Thyroid	33	7.7	5.3	10.9
Leukemias	40	9.3	6.6	12.7
Hodgkins Disease	10	**	**	**
Non-Hodgkins Lymphomas	74	17.3	13.5	21.7
Multiple Myeloma	26	6.1	4.0	9.0
Unknown Primary/Other/III Defined Sites	60	14.0	10.7	18.1

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Allegany County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	494	522.1	476.2	572.5
<b>Major Sites</b>	487			
Oral Cavity and Pharynx	12	**	**	**
Esophagus	7	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	70	68.5	53.3	88.4
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	14	**	**	**
Larynx	8	**	**	**
Lung and Bronchus	75	76.6	60.1	97.7
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	16	**	**	**
Breast	73	80.2	62.6	102.7
Cervix	<6			
Uterus	13			
Ovary	7			
Prostate	78			
Testis	<6			
Urinary Bladder	29	29.0	19.2	43.7
Kidney and Renal Pelvis	17	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	7	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**
Multiple Myeloma	7	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Frederick County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	784	490.1	455.9	526.2
<b>Major Sites</b>	761			
Oral Cavity and Pharynx	16	**	**	**
Esophagus	13	**	**	**
Stomach	8	**	**	**
Colon and Rectum	87	57.4	45.8	71.0
Liver and Intrahepatic Bile Duct	8	**	**	**
Pancreas	16	**	**	**
Larynx	10	**	**	**
Lung and Bronchus	106	68.5	55.9	83.0
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	42	24.4	17.5	33.3
Breast	133	79.2	66.1	94.2
Cervix	8			
Uterus	29			
Ovary	14			
Prostate	104			
Testis	8			
Urinary Bladder	33	21.7	14.9	30.7
Kidney and Renal Pelvis	17	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	16	**	**	**
Thyroid	15	**	**	**
Leukemias	13	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	32	19.7	13.4	28.1
Multiple Myeloma	7	**	**	**
Unknown Primary/Other/III Defined Sites	17	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Garrett County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	162	494.5	420.9	579.2
<b>Major Sites</b>	156			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	19	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	22	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	32	99.9	68.2	143.6
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	23			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	8	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Washington County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	649	459.4	424.6	496.5
<b>Major Sites</b>	635			
Oral Cavity and Pharynx	11	**	**	**
Esophagus	8	**	**	**
Stomach	8	**	**	**
Colon and Rectum	79	54.1	42.8	67.8
Liver and Intrahepatic Bile Duct	7	**	**	**
Pancreas	<6	**	**	**
Larynx	10	**	**	**
Lung and Bronchus	92	64.0	51.6	78.8
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	32	23.4	16.0	33.3
Breast	101	72.5	59.0	88.4
Cervix	8			
Uterus	30			
Ovary	11			
Prostate	85			
Testis	<6			
Urinary Bladder	25	**	**	**
Kidney and Renal Pelvis	18	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	12	**	**	**
Thyroid	9	**	**	**
Leukemias	20	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	23	**	**	**
Multiple Myeloma	11	**	**	**
Unknown Primary/Other/III Defined Sites	23	19.0	12.5	28.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,056	569.7	535.6	605.7	1,033	443.3	416.6	471.4
<b>Major Sites</b>	1,030				1,009			
Oral Cavity and Pharynx	28	14.7	9.7	21.8	13	**	**	**
Esophagus	25	**	**	**	<6	**	**	**
Stomach	14	**	**	**	8	**	**	**
Colon and Rectum	132	71.2	59.4	84.9	123	48.9	40.6	58.6
Liver and Intrahepatic Bile Duct	11	**	**	**	7	**	**	**
Pancreas	15	**	**	**	24	**	**	**
Larynx	28	14.7	9.7	21.7	<6	**	**	**
Lung and Bronchus	177	95.9	82.2	111.6	118	49.2	40.6	59.1
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	52	26.3	19.6	35.0	42	18.4	13.2	25.1
Breast	<6	**	**	**	338	150.7	135.1	167.7
Cervix					22	**	**	**
Uterus					74	31.9	25.0	40.3
Ovary					36	15.5	10.8	21.6
Prostate	290	158.4	140.6	178.1				
Testis	16	**	**	**				
Urinary Bladder	59	33.6	25.4	43.7	31	12.5	8.4	18.0
Kidney and Renal Pelvis	33	17.3	11.8	24.7	24	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	23	**	**	**	12	**	**	**
Thyroid	7	**	**	**	26	12.0	7.8	17.8
Leukemias	25	**	**	**	15	**	**	**
Hodgkins Disease	7	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	42	22.9	16.4	31.4	32	13.4	9.2	19.1
Multiple Myeloma	11	**	**	**	15	**	**	**
Unknown Primary/Other/III Defined Sites	30	17.6	12.0	25.3	30	13.3	9.1	19.0

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	255	649.6	571.7	737.3	239	436.6	381.0	500.7
<b>Major Sites</b>	251				236			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	35	85.5	59.4	122.1	35	57.1	39.7	83.7
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	8	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	44	106.3	77.1	145.8	31	51.5	34.7	77.6
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	8	**	**	**	8	**	**	**
Breast	<6	**	**	**	73	144.8	112.4	186.3
Cervix					<6	**	**	**
Uterus					13	**	**	**
Ovary					7	**	**	**
Prostate	78	192.2	151.7	242.8				
Testis	<6	**	**	**				
Urinary Bladder	19	**	**	**	10	**	**	**
Kidney and Renal Pelvis	8	**	**	**	9	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	7	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	412	593.5	536.0	656.6	372	425.7	383.3	471.7
<b>Major Sites</b>	389				355			
Oral Cavity and Pharynx	11	**	**	**	<6	**	**	**
Esophagus	10	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	42	62.3	44.2	86.6	45	53.3	38.9	71.7
Liver and Intrahepatic Bile Duct	6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	10	**	**	**
Larynx	10	**	**	**	<6	**	**	**
Lung and Bronchus	71	103.5	80.2	132.5	35	40.8	28.4	57.2
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	28	37.1	24.2	56.0	14	**	**	**
Breast	<6	**	**	**	132	150.5	125.9	178.7
Cervix					8	**	**	**
Uterus					29	34.0	22.7	49.2
Ovary					14	**	**	**
Prostate	104	161.1	131.2	196.8				
Testis	8	**	**	**				
Urinary Bladder	22	**	**	**	11	**	**	**
Kidney and Renal Pelvis	11	**	**	**	6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	13	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	10	**	**	**
Leukemias	8	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	23	**	**	**	9	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	7	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	86	582.9	465.2	724.7	76	439.3	345.4	555.3
<b>Major Sites</b>	84				72			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	13	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	14	**	**	**	8	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	32	192.9	132.2	276.8
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	23	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	303	491.3	437.3	550.8	346	457.3	410.1	509.3
<b>Major Sites</b>	296				339			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	42	66.2	47.7	90.6	37	42.0	29.4	59.4
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	48	79.5	58.4	106.5	44	55.7	40.2	76.2
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	14	**	**	**	18	**	**	**
Breast	<6	**	**	**	101	139.2	113.5	169.8
Cervix					8	**	**	**
Uterus					30	40.4	27.1	58.9
Ovary					11	**	**	**
Prostate	85	138.5	110.6	172.2				
Testis	<6	**	**	**				
Urinary Bladder	15	**	**	**	10	**	**	**
Kidney and Renal Pelvis	10	**	**	**	8	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	6	**	**	**
Thyroid	<6	**	**	**	8	**	**	**
Leukemias	13	**	**	**	7	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**	13	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,971	488.0	466.7	510.0	73	462.9	360.6	587.2
<b>Major Sites</b>	1,923				72			
Oral Cavity and Pharynx	40	9.9	7.0	13.5	<6	**	**	**
Esophagus	28	6.8	4.5	10.0	<6	**	**	**
Stomach	20	**	**	**	<6	**	**	**
Colon and Rectum	239	58.0	50.9	65.9	12	**	**	**
Liver and Intrahepatic Bile Duct	15	**	**	**	<6	**	**	**
Pancreas	35	8.6	6.0	12.1	<6	**	**	**
Larynx	28	7.0	4.7	10.2	<6	**	**	**
Lung and Bronchus	275	67.3	59.6	75.9	18	**	**	**
Bones and Joints	6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	93	23.2	18.7	28.4	<6	**	**	**
Breast	329	82.5	73.8	91.9	<6	**	**	**
Cervix	22				<6			
Uterus	73				<6			
Ovary	36				<6			
Prostate	252				11			
Testis	16				<6			
Urinary Bladder	89	21.5	17.2	26.5	<6	**	**	**
Kidney and Renal Pelvis	55	13.6	10.3	17.8	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	32	8.1	5.5	11.5	<6	**	**	**
Thyroid	31	7.8	5.3	11.1	<6	**	**	**
Leukemias	37	9.7	6.9	13.3	<6	**	**	**
Hodgkins Disease	10	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	74	18.4	14.5	23.1	<6	**	**	**
Multiple Myeloma	24	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	58	15.1	11.6	19.5	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	482	521.7	475.3	572.7	7	**	**	**
<b>Major Sites</b>	475				7			
Oral Cavity and Pharynx	12	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	68	68.9	53.5	89.1	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	7	**	**	**	<6	**	**	**
Lung and Bronchus	72	75.3	58.8	96.7	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	16	**	**	**	<6	**	**	**
Breast	72	81.2	63.2	104.1	<6	**	**	**
Cervix	<6				<6			
Uterus	13				<6			
Ovary	7				<6			
Prostate	76				<6			
Testis	<6				<6			
Urinary Bladder	29	29.6	19.6	44.6	<6	**	**	**
Kidney and Renal Pelvis	17	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**	<6	**	**	**
Multiple Myeloma	7	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	698	476.6	441.7	513.7	49	465.4	340.9	625.3
<b>Major Sites</b>	676				49			
Oral Cavity and Pharynx	15	**	**	**	<6	**	**	**
Esophagus	12	**	**	**	<6	**	**	**
Stomach	7	**	**	**	<6	**	**	**
Colon and Rectum	77	55.3	43.6	69.3	7	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	8	**	**	**	<6	**	**	**
Lung and Bronchus	92	64.0	51.5	78.8	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	41	26.5	19.0	36.2	<6	**	**	**
Breast	126	82.6	68.7	98.7	<6	**	**	**
Cervix	8				<6			
Uterus	29				<6			
Ovary	14				<6			
Prostate	71				7			
Testis	8				<6			
Urinary Bladder	32	22.7	15.5	32.3	<6	**	**	**
Kidney and Renal Pelvis	15	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	14	**	**	**	<6	**	**	**
Thyroid	14	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	32	21.4	14.5	30.4	<6	**	**	**
Multiple Myeloma	6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	161	497.9	423.8	583.2	<6	**	**	**
<b>Major Sites</b>	155				<6			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	19	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	21	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	32	103.4	71.0	147.7	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	23				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	8	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	630	467.8	431.9	506.1	16	**	**	**
<b>Major Sites</b>	617				15			
Oral Cavity and Pharynx	11	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	8	**	**	**	<6	**	**	**
Colon and Rectum	75	53.0	41.6	66.8	<6	**	**	**
Liver and Intrahepatic Bile Duct	6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	10	**	**	**	<6	**	**	**
Lung and Bronchus	90	64.7	52.0	79.9	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	32	24.9	17.0	35.6	<6	**	**	**
Breast	99	75.8	61.8	92.5	<6	**	**	**
Cervix	8				<6			
Uterus	29				<6			
Ovary	11				<6			
Prostate	82				<6			
Testis	<6				<6			
Urinary Bladder	25	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	18	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	<6	**	**	**
Thyroid	9	**	**	**	<6	**	**	**
Leukemias	19	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	23	**	**	**	<6	**	**	**
Multiple Myeloma	10	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	22	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	974	552.2	517.8	588.5	46	627.5	451.9	857.7
<b>Major Sites</b>	950				45			
Oral Cavity and Pharynx	28	10.3	22.9	22.9	<6	**	**	**
Esophagus	23	**	**	**	<6	**	**	**
Stomach	12	**	**	**	<6	**	**	**
Colon and Rectum	124	70.5	58.5	84.6	<6	**	**	**
Liver and Intrahepatic Bile Duct	8	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	25	**	**	**	<6	**	**	**
Lung and Bronchus	161	91.5	77.8	107.2	14	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	52	27.8	20.7	36.9	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	252	143.8	126.5	163.1	11	**	**	**
Testis	16	**	**	**	<6	**	**	**
Urinary Bladder	59	35.0	26.5	45.6	<6	**	**	**
Kidney and Renal Pelvis	31	17.1	11.6	24.8	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	21	**	**	**	<6	**	**	**
Thyroid	6	**	**	**	<6	**	**	**
Leukemias	24	**	**	**	<6	**	**	**
Hodgkins Disease	7	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	42	24.1	17.3	33.1	<6	**	**	**
Multiple Myeloma	11	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	30	18.4	12.5	26.5	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	997	447.4	419.9	476.3	27	324.1	212.7	476.3
<b>Major Sites</b>	973				27			
Oral Cavity and Pharynx	12	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	8	**	**	**	<6	**	**	**
Colon and Rectum	115	47.4	39.1	57.2	7	**	**	**
Liver and Intrahepatic Bile Duct	7	**	**	**	<6	**	**	**
Pancreas	22	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	114	49.6	40.8	59.9	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	41	19.5	14.0	26.7	<6	**	**	**
Breast	328	152.6	136.5	170.2	<6	**	**	**
Cervix	22	**	**	**	<6	**	**	**
Uterus	73	33.1	25.9	41.9	<6	**	**	**
Ovary	36	16.2	11.3	22.7	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	30	12.5	8.4	18.2	<6	**	**	**
Kidney and Renal Pelvis	24	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	<6	**	**	**
Thyroid	25	**	**	**	<6	**	**	**
Leukemias	13	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	32	14.1	9.6	20.1	<6	**	**	**
Multiple Myeloma	13	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	28	12.5	8.4	18.3	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Northwest Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	875	203.1	189.9	217.1
<b>Major Sites</b>	857			
Oral Cavity and Pharynx	9	**	**	**
Esophagus	26	6.1	4.0	8.9
Stomach	14	**	**	**
Colon and Rectum	109	25.1	20.6	30.4
Liver and Intrahepatic Bile Duct	11	**	**	**
Pancreas	49	11.4	8.4	15.1
Larynx	10	**	**	**
Lung and Bronchus	256	59.5	52.5	67.4
Bones and Joints	<6	**	**	**
Soft Tissue	7	**	**	**
Melanomas of the Skin	6	**	**	**
Breast	69	16.1	12.5	20.4
Cervix	6			
Uterus	11			
Ovary	17			
Prostate	34			
Testis	<6			
Urinary Bladder	17	**	**	**
Kidney and Renal Pelvis	23	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	11	**	**	**
Thyroid	<6	**	**	**
Leukemias	29	6.7	4.5	9.7
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	47	10.8	8.0	14.5
Multiple Myeloma	19	**	**	**
Unknown Primary/Other/III Defined Sites	72	16.7	13.1	21.1

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Allegany County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	212	206.8	179.5	238.3
<b>Major Sites</b>	205			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	27	26.2	17.2	40.3
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	15	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	61	60.1	45.8	78.9
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	15	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	7			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	8	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	9	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Frederick County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	308	201.5	179.5	225.5
<b>Major Sites</b>	304			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	11	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	38	25.6	18.1	35.3
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	18	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	85	55.8	44.5	69.2
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	27	17.6	11.6	25.8
Cervix	<6			
Uterus	<6			
Ovary	7			
Prostate	14			
Testis	<6			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	8	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	8	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	15	**	**	**
Multiple Myeloma	6	**	**	**
Unknown Primary/Other/III Defined Sites	27	17.2	11.3	25.3

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Garrett County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	65	190.4	146.8	245.3
<b>Major Sites</b>	65			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	10	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	18	**	**	**
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	<6			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Washington County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	290	200.4	177.9	225.2
<b>Major Sites</b>	283			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	9	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	34	23.1	16.0	32.7
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	13	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	92	63.8	51.4	78.5
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	22	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	6			
Prostate	11			
Testis	<6			
Urinary Bladder	9	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	8	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	20	**	**	**
Multiple Myeloma	6	**	**	**
Unknown Primary/Other/III Defined Sites	21	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	448	247.4	224.8	272.0	427	170.0	154.1	187.2
<b>Major Sites</b>	438				419			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	21	**	**	**	<6	**	**	**
Stomach	10	**	**	**	<6	**	**	**
Colon and Rectum	50	27.3	20.2	36.5	59	22.5	17.1	29.3
Liver and Intrahepatic Bile Duct	<6	**	**	**	6	**	**	**
Pancreas	18	**	**	**	31	12.1	8.2	17.5
Larynx	9	**	**	**	<6	**	**	**
Lung and Bronchus	162	87.9	74.7	102.9	94	37.7	30.4	46.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	68	28.4	22.0	36.3
Cervix					6	**	**	**
Uterus					11	**	**	**
Ovary					17	**	**	**
Prostate	34	20.7	14.2	29.2				
Testis	<6	**	**	**				
Urinary Bladder	11	**	**	**	6	**	**	**
Kidney and Renal Pelvis	13	**	**	**	10	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	17	**	**	**	12	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	20	**	**	**	27	10.5	6.9	15.6
Multiple Myeloma	9	**	**	**	10	**	**	**
Unknown Primary/Other/III Defined Sites	39	20.9	14.8	28.9	33	13.0	8.9	18.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	105	263.2	214.9	321.5	107	167.7	136.5	207.2
<b>Major Sites</b>	101				104			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	17	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	9	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	38	91.7	64.8	129.1	23	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	14	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	7	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	170	252.2	214.4	295.7	138	162.0	136.0	191.7
<b>Major Sites</b>	168				136			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	9	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	19	**	**	**	19	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	7	**	**	**	11	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	60	88.3	66.8	115.8	25	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	27	31.9	21.0	46.8
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					7	**	**	**
Prostate	14	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	10	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**	13	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	41	274.2	195.9	377.1	24	**	**	**
<b>Major Sites</b>	41				24			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	7	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	14	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	<6	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	132	216.9	181.2	258.4	158	188.0	159.3	221.3
<b>Major Sites</b>	128				155			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	7	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	14	**	**	**	20	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	9	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	50	82.4	61.1	109.7	42	50.0	35.9	69.0
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	22	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					6	**	**	**
Prostate	11	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	8	**	**	**	12	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**	11	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	842	204.0	190.4	218.3	29	197.7	131.5	287.0
<b>Major Sites</b>	824				29			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	25	**	**	**	<6	**	**	**
Stomach	14	**	**	**	<6	**	**	**
Colon and Rectum	106	25.5	20.9	30.9	<6	**	**	**
Liver and Intrahepatic Bile Duct	9	**	**	**	<6	**	**	**
Pancreas	46	11.2	8.2	15.0	<6	**	**	**
Larynx	10	**	**	**	<6	**	**	**
Lung and Bronchus	245	59.5	52.3	67.5	11	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	7	**	**	**	<6	**	**	**
Melanomas of the Skin	6	**	**	**	<6	**	**	**
Breast	65	15.9	12.3	20.4	<6	**	**	**
Cervix	6				<6			
Uterus	11				<6			
Ovary	17				<6			
Prostate	32				<6			
Testis	<6				<6			
Urinary Bladder	17	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	22	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	10	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	28	6.7	4.5	9.8	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	47	11.3	8.3	15.2	<6	**	**	**
Multiple Myeloma	16	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	71	17.2	13.4	21.8	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	208	207.0	179.5	239.1	3	**	**	**
<b>Major Sites</b>	201				3			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	26	25.9	16.8	40.1	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	15	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	59	59.5	45.2	78.6	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	15	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	7				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	9	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	19	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	283	199.9	177.1	224.8	23	**	**	**
<b>Major Sites</b>	279				23			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	11	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	36	26.2	18.3	36.4	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	15	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	77	54.6	43.1	68.5	8	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	24	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	7				<6			
Prostate	12				<6			
Testis	<6				<6			
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	7	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	15	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	26	17.9	11.6	26.5	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	65	191.9	147.9	247.3	<6	**	**	**
<b>Major Sites</b>	65				<6			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	18	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	286	203.9	180.9	229.4	<6	**	**	**
<b>Major Sites</b>	279				<6			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	8	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	34	23.9	16.5	33.9	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	13	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	91	64.9	52.3	80.2	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	21	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	6				<6			
Prostate	11				<6			
Testis	<6				<6			
Urinary Bladder	9	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	8	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	20	**	**	**	<6	**	**	**
Multiple Myeloma	6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	21	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	432	249.6	226.3	274.9	13	**	**	**
<b>Major Sites</b>	422				13			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	21	**	**	**	<6	**	**	**
Stomach	10	**	**	**	<6	**	**	**
Colon and Rectum	50	28.6	21.2	38.1	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	17	**	**	**	<6	**	**	**
Larynx	9	**	**	**	<6	**	**	**
Lung and Bronchus	155	87.9	74.5	103.3	7	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	32	20.4	13.8	29.1	<6	**	**	**
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	11	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	12	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	17	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	20	**	**	**	<6	**	**	**
Multiple Myeloma	7	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	38	21.3	15.0	29.6	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	410	170.0	153.7	187.7	16	**	**	**
<b>Major Sites</b>	402				16			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	56	22.2	16.7	29.2	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	29	11.9	7.9	17.4	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	90	37.6	30.2	46.6	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	64	28.0	21.5	36.0	<6	**	**	**
Cervix	6	**	**	**	<6	**	**	**
Uterus	11	**	**	**	<6	**	**	**
Ovary	17	**	**	**	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	10	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	11	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	27	11.0	7.2	16.4	<6	**	**	**
Multiple Myeloma	9	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	33	13.5	9.2	19.4	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Southern Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	1,001	457.9	429.5	488.0
<b>Major Sites</b>	976			
Oral Cavity and Pharynx	24	**	**	**
Esophagus	9	**	**	**
Stomach	12	**	**	**
Colon and Rectum	119	59.7	49.3	71.8
Liver and Intrahepatic Bile Duct	8	**	**	**
Pancreas	17	**	**	**
Larynx	11	**	**	**
Lung and Bronchus	157	74.8	63.5	87.9
Bones and Joints	<6	**	**	**
Soft Tissue	6	**	**	**
Melanomas of the Skin	52	21.0	15.6	28.1
Breast	154	66.5	56.3	78.4
Cervix	14			
Uterus	29			
Ovary	12			
Prostate	177			
Testis	9			
Urinary Bladder	21	**	**	**
Kidney and Renal Pelvis	28	12.3	8.1	18.2
Eye	<6	**	**	**
Brain and Other Nervous System	15	**	**	**
Thyroid	16	**	**	**
Leukemias	18	**	**	**
Hodgkins Disease	6	**	**	**
Non-Hodgkins Lymphomas	28	12.2	8.1	18.1
Multiple Myeloma	11	**	**	**
Unknown Primary/Other/III Defined Sites	18	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Calvert County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	271	442.3	390.4	500.2
<b>Major Sites</b>	264			
Oral Cavity and Pharynx	6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	26	46.5	30.1	69.5
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	44	76.2	55.2	103.6
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	16	**	**	**
Breast	43	65.8	47.4	90.3
Cervix	<6			
Uterus	6			
Ovary	<6			
Prostate	50			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	9	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Charles County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	424	482.0	435.7	532.5
<b>Major Sites</b>	412			
Oral Cavity and Pharynx	10	**	**	**
Esophagus	6	**	**	**
Stomach	6	**	**	**
Colon and Rectum	45	55.5	40.0	75.9
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	10	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	60	72.3	54.8	94.5
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	20	**	**	**
Breast	61	64.4	48.7	84.7
Cervix	8			
Uterus	12			
Ovary	6			
Prostate	86			
Testis	<6			
Urinary Bladder	7	**	**	**
Kidney and Renal Pelvis	11	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	6	**	**	**
Thyroid	7	**	**	**
Leukemias	8	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	14	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	10	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, St. Mary's County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	306	442.8	394.1	496.2
<b>Major Sites</b>	300			
Oral Cavity and Pharynx	8	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	48	75.0	55.2	99.9
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	<6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	53	77.5	57.9	102.0
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	16	**	**	**
Breast	50	69.7	51.5	92.6
Cervix	<6			
Uterus	11			
Ovary	<6			
Prostate	41			
Testis	<6			
Urinary Bladder	9	**	**	**
Kidney and Renal Pelvis	8	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	6	**	**	**
Thyroid	<6	**	**	**
Leukemias	6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	519	524.3	477.9	575.3	482	409.0	373.0	447.7
<b>Major Sites</b>	506				470			
Oral Cavity and Pharynx	15	**	**	**	9	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	9	**	**	**	<6	**	**	**
Colon and Rectum	57	62.6	46.4	83.9	62	56.7	43.4	72.8
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	8	**	**	**	9	**	**	**
Larynx	11	**	**	**	<6	**	**	**
Lung and Bronchus	98	104.4	83.8	129.9	59	52.4	39.8	67.7
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	24	**	**	**	28	21.3	14.0	31.2
Breast	<6	**	**	**	154	128.7	109.0	151.1
Cervix					14	**	**	**
Uterus					29	24.5	16.3	35.4
Ovary					12	**	**	**
Prostate	177	185.7	158.2	218.1				
Testis	9	**	**	**				
Urinary Bladder	17	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	19	**	**	**	9	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	9	**	**	**
Thyroid	<6	**	**	**	12	**	**	**
Leukemias	7	**	**	**	11	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	16	**	**	**	12	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	9	**	**	**	9	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	146	540.1	450.9	646.9	125	377.4	313.7	451.2
<b>Major Sites</b>	141				123			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	16	**	**	**	10	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	28	115.2	74.8	175.2	16	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	11	**	**	**
Breast	<6	**	**	**	43	129.3	93.4	175.5
Cervix					<6	**	**	**
Uterus					6	**	**	**
Ovary					<6	**	**	**
Prostate	50	188.0	137.1	257.4				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	217	558.4	481.5	649.3	207	424.9	368.0	488.5
<b>Major Sites</b>	212				200			
Oral Cavity and Pharynx	7	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	18	**	**	**	27	60.0	39.3	88.2
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	37	99.6	67.6	147.6	23	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	8	**	**	**	12	**	**	**
Breast	<6	**	**	**	61	121.0	92.1	156.8
Cervix					8	**	**	**
Uterus					12	**	**	**
Ovary					6	**	**	**
Prostate	86	237.4	186.9	302.7				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	156	478.0	404.0	564.5	150	414.4	350.5	487.0
<b>Major Sites</b>	151				146			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	23	**	**	**	25	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	33	102.1	69.6	148.1	20	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	11	**	**	**	<6	**	**	**
Breast	<6	**	**	**	50	137.7	102.0	182.0
Cervix					<6	**	**	**
Uterus					11	**	**	**
Ovary					<6	**	**	**
Prostate	41	127.3	90.5	177.5				
Testis	<6	**	**	**				
Urinary Bladder	9	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	801	483.5	450.0	519.2	148	309.3	260.7	365.6
<b>Major Sites</b>	777				147			
Oral Cavity and Pharynx	22	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	8	**	**	**	<6	**	**	**
Colon and Rectum	93	62.5	50.3	77.1	19	**	**	**
Liver and Intrahepatic Bile Duct	8	**	**	**	<6	**	**	**
Pancreas	15	**	**	**	<6	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	132	84.1	70.2	100.2	24	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	50	26.6	19.6	35.9	<6	**	**	**
Breast	122	70.6	58.4	85.0	27	52.5	34.5	78.3
Cervix	8				<6			
Uterus	21				<6			
Ovary	9				<6			
Prostate	124				33			
Testis	9				<6			
Urinary Bladder	21	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	22	**	**	**	6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	14	**	**	**	<6	**	**	**
Thyroid	14	**	**	**	<6	**	**	**
Leukemias	15	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	23	**	**	**	<6	**	**	**
Multiple Myeloma	8	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	14	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	231	492.0	429.4	562.3	29	223.1	148.3	327.1
<b>Major Sites</b>	224				29			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	24	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	38	86.4	60.9	120.3	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	16	**	**	**	<6	**	**	**
Breast	35	71.4	49.5	101.5	6	**	**	**
Cervix	<6				<6			
Uterus	6				<6			
Ovary	<6				<6			
Prostate	37				6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	311	487.1	432.7	547.7	84	389.1	308.3	488.8
<b>Major Sites</b>	300				83			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	32	56.5	38.1	81.8	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	10	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	47	79.2	57.7	107.4	13	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	18	**	**	**	<6	**	**	**
Breast	45	67.4	48.3	93.0	15	**	**	**
Cervix	<6				<6			
Uterus	7				<6			
Ovary	<6				<6			
Prostate	56				19			
Testis	<6				<6			
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	10	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	259	475.2	418.5	537.9	35	272.1	188.6	383.1
<b>Major Sites</b>	253				35			
Oral Cavity and Pharynx	7	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	37	73.6	51.7	101.9	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	47	88.7	65.0	118.6	6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	16	**	**	**	<6	**	**	**
Breast	42	74.5	53.5	101.7	6	**	**	**
Cervix	<6				<6			
Uterus	8				<6			
Ovary	<6				<6			
Prostate	31				8			
Testis	<6				<6			
Urinary Bladder	9	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	412	547.1	492.7	607.5	78	365.4	285.7	467.6
<b>Major Sites</b>	399				78			
Oral Cavity and Pharynx	13	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	6	**	**	**	<6	**	**	**
Colon and Rectum	48	71.2	51.2	98.1	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	7	**	**	**	<6	**	**	**
Larynx	6	**	**	**	<6	**	**	**
Lung and Bronchus	81	115.6	90.7	147.3	17	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	24	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	124	171.3	141.3	207.8	33	159.6	107.8	235.8
Testis	9	**	**	**	<6	**	**	**
Urinary Bladder	17	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	14	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	12	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	389	438.9	395.9	485.5	70	265.8	206.7	338.5
<b>Major Sites</b>	378				69			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	45	54.8	39.9	73.6	13	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	8	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	51	60.6	45.1	80.1	7	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	26	26.4	17.1	39.5	<6	**	**	**
Breast	122	137.7	114.1	165.1	27	99.2	65.3	147.1
Cervix	8	**	**	**	<6	**	**	**
Uterus	21	**	**	**	<6	**	**	**
Ovary	9	**	**	**	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	8	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	8	**	**	**	<6	**	**	**
Thyroid	11	**	**	**	<6	**	**	**
Leukemias	9	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Southern Region, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	480	235.8	214.8	258.5
<b>Major Sites</b>	466			
Oral Cavity and Pharynx	11	**	**	**
Esophagus	6	**	**	**
Stomach	11	**	**	**
Colon and Rectum	56	28.8	21.6	37.7
Liver and Intrahepatic Bile Duct	9	**	**	**
Pancreas	24	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	125	61.4	51.0	73.5
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	29	12.9	8.5	19.1
Cervix	<6			
Uterus	7			
Ovary	15			
Prostate	27			
Testis	<6			
Urinary Bladder	11	**	**	**
Kidney and Renal Pelvis	7	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	13	**	**	**
Thyroid	<6	**	**	**
Leukemias	24	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	17	**	**	**
Multiple Myeloma	7	**	**	**
Unknown Primary/Other/III Defined Sites	46	23.6	17.2	31.8

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, Calvert County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	128	227.6	189.3	272.1
<b>Major Sites</b>	127			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	16	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	42	72.7	52.2	99.5
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	<6	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	10			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	<6	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	9	17.0	7.7	33.5

\*Rates are per 100,000 and are age-adjusted to the 2000 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% (CI) By Major Site, All Races, Both Sexes, Charles County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	202	251.5	216.9	290.7
<b>Major Sites</b>	197			
Oral Cavity and Pharynx	7	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	22	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	12	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	55	68.9	51.6	90.9
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	13	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	6			
Prostate	8			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	7	**	**	**
Thyroid	<6	**	**	**
Leukemias	10	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	8	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	12	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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%**  
**(CI) By Major Site, All Races, Both Sexes, St. Mary's County, 1999**

	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	150	225.8	190.8	265.6
<b>Major Sites</b>	142			
Oral Cavity and Pharynx	<6	**	**	**
Esophagus	<6	**	**	**
Stomach	<6	**	**	**
Colon and Rectum	18	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**
Pancreas	6	**	**	**
Larynx	<6	**	**	**
Lung and Bronchus	28	42.3	28.0	61.7
Bones and Joints	<6	**	**	**
Soft Tissue	<6	**	**	**
Melanomas of the Skin	<6	**	**	**
Breast	11	**	**	**
Cervix	<6			
Uterus	<6			
Ovary	<6			
Prostate	9			
Testis	<6			
Urinary Bladder	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**
Eye	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**
Thyroid	<6	**	**	**
Leukemias	11	**	**	**
Hodgkins Disease	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**
Multiple Myeloma	<6	**	**	**
Unknown Primary/Other/III Defined Sites	25	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	262	296.2	259.1	338.2	218	194.2	169.2	222.1
<b>Major Sites</b>	254				212			
Oral Cavity and Pharynx	9	**	**	**	<6	**	**	**
Esophagus	6	**	**	**	<6	**	**	**
Stomach	6	**	**	**	<6	**	**	**
Colon and Rectum	29	32.2	21.1	48.8	27	25.0	16.5	36.5
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	11	**	**	**	13	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	72	81.6	62.9	105.5	53	47.6	35.6	62.4
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	29	24.0	16.0	34.8
Cervix					<6	**	**	**
Uterus					7	**	**	**
Ovary					15	**	**	**
Prostate	27	38.9	24.9	58.9				
Testis	<6	**	**	**				
Urinary Bladder	9	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	8	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	12	**	**	**	12	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	12	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	24	**	**	**	22	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	83	352.7	276.0	448.4	45	144.5	105.3	194.3
<b>Major Sites</b>	82				45			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	8	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	30	118.7	78.2	178.8	12	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	10	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	<6	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	99	284.0	225.1	358.4	103	229.4	186.7	279.2
<b>Major Sites</b>	97				100			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	11	**	**	**	11	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	7	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	26	77.6	48.6	123.3	29	65.1	43.5	94.3
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	13	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					6	**	**	**
Prostate	8	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	6	**	**	**	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	Male				Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	80	264.1	207.7	333.8	70	197.0	153.5	249.3
<b>Major Sites</b>	75				67			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	10	**	**	**	8	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	16	**	**	**	12	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	11	**	**	**
Cervix					<6	**	**	**
Uterus					<6	**	**	**
Ovary					<6	**	**	**
Prostate	9	**	**	**				
Testis	<6	**	**	**				
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	7	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	13	**	**	**	12	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	375	242.8	218.4	269.4	101	219.9	178.2	269.4
<b>Major Sites</b>	363				99			
Oral Cavity and Pharynx	6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	9	**	**	**	<6	**	**	**
Colon and Rectum	41	27.9	19.9	38.3	14	**	**	**
Liver and Intrahepatic Bile Duct	8	**	**	**	<6	**	**	**
Pancreas	20	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	107	69.9	57.1	84.9	18	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	17	**	**	**	12	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	10				<6			
Prostate	18				9			
Testis	<6				<6			
Urinary Bladder	7	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	11	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	20	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	16	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Unknown Primary/Other/III Defined Sites	39	26.7	18.9	36.9	6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	106	247.5	201.9	301.4	22	**	**	**
<b>Major Sites</b>	106				21			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	11	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	38	85.9	60.6	119.7	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	<6	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	152	258.2	217.4	305.4	48	238.3	173.9	322.6
<b>Major Sites</b>	148				47			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	19	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	11	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	44	76.7	55.2	104.8	11	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	8	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	<6				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	7	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	7	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	8	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	117	223.7	184.7	268.8	31	238.4	161.1	343.2
<b>Major Sites</b>	109				31			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	11	**	**	**	6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	<6	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	25	**	**	**	<6	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	7	**	**	**	<6	**	**	**
Cervix	<6				<6			
Uterus	<6				<6			
Ovary	<6				<6			
Prostate	8				<6			
Testis	<6				<6			
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	10	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Male				Black Male			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	209	314.8	270.6	365.7	52	251.7	185.3	341.6
<b>Major Sites</b>	202				51			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	19	**	**	**	9	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	9	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	63	95.0	71.7	125.1	9	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	<6	**	**	**	<6	**	**	**
Cervix								
Uterus								
Ovary								
Prostate	18	**	**	**	9	**	**	**
Testis	<6	**	**	**	<6	**	**	**
Urinary Bladder	6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	7	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	10	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	11	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	23	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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, 1999**

	White Female				Black Female			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
<b>All Sites</b>	166	195.3	166.6	227.8	49	190.1	140.3	253.8
<b>Major Sites</b>	161				48			
Oral Cavity and Pharynx	<6	**	**	**	<6	**	**	**
Esophagus	<6	**	**	**	<6	**	**	**
Stomach	<6	**	**	**	<6	**	**	**
Colon and Rectum	22	**	**	**	<6	**	**	**
Liver and Intrahepatic Bile Duct	<6	**	**	**	<6	**	**	**
Pancreas	11	**	**	**	<6	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Lung and Bronchus	44	52.7	38.2	71.0	9	**	**	**
Bones and Joints	<6	**	**	**	<6	**	**	**
Soft Tissue	<6	**	**	**	<6	**	**	**
Melanomas of the Skin	<6	**	**	**	<6	**	**	**
Breast	17	**	**	**	12	**	**	**
Cervix	<6	**	**	**	<6	**	**	**
Uterus	<6	**	**	**	<6	**	**	**
Ovary	10	**	**	**	<6	**	**	**
Prostate								
Testis								
Urinary Bladder	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	<6	**	**	**	<6	**	**	**
Eye	<6	**	**	**	<6	**	**	**
Brain and Other Nervous System	<6	**	**	**	<6	**	**	**
Thyroid	<6	**	**	**	<6	**	**	**
Leukemias	10	**	**	**	<6	**	**	**
Hodgkins Disease	<6	**	**	**	<6	**	**	**
Non-Hodgkins Lymphomas	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	<6	**	**	**
Unknown Primary/Other/III Defined Sites	16	**	**	**	<6	**	**	**

\*Rates are per 100,000 and are age-adjusted to the 2000 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.

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## VII. APPENDICES





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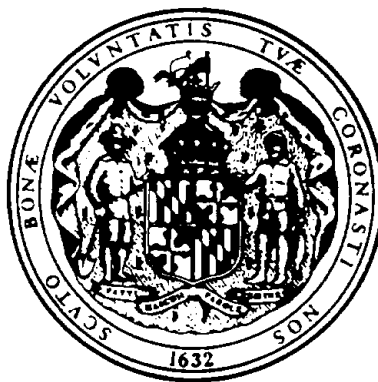
## A. CODE OF MARYLAND REGULATIONS



**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)



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## **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**

Major Sites	ICD-O-2 Site (C) / Morphology (M) Code	Excluding Morphology Codes
Oral Cavity and Pharynx	C000 - C148	Exclude Types M9590 - M9989
Esophagus	C150 - C159	Exclude Types M9590 - M9989
Stomach	C160 - C169	Exclude Types M9590 - M9989
Colon and Rectum	C180 - C189, C260, C199, C209	Exclude Types M9590 - M9989
Liver and Intrahepatic Bile Duct	C220 - C221	Exclude Types M9590 - M9989
Pancreas	C250 - C259	Exclude Types M9590 - M9989
Larynx	C320 - C329	Exclude Types M9590 - M9989
Lung and Bronchus	C340 - C349	Exclude Types M9590 - M9989
Bones and Joints	C400 - C419	Exclude Types M9590 - M9989
Soft Tissue	C380, C470 - C479, C490 - C499	Exclude Types M9590 - M9989
Melanomas of the Skin	C440 - C449 (M8720 - M879)	-
Breast	C500 - C509	Exclude Types M9590 - M9989
Cervix	C530 - C539	Exclude Types M9590 - M9989
Uterus	C540 - C549, C559	Exclude Types M9590 - M9989
Ovary	C569	Exclude Types M9590 - M9989
Prostate	C619	Exclude Types M9590 - M9989
Testis	C620 - C629	Exclude Types M9590 - M9989
Urinary Bladder	C670 - C679	Exclude Types M9590 - M9989
Kidney and Renal Pelvis	C649, C659	Exclude Types M9590 - M9989
Eye	C690 - C699	Exclude Types M9590 - M9989
Brain	C710 - C719	Exclude Types M9590 - M9989, M9530 - M9539
Other Nervous System	C710 - C719 (M9530 - M9539), C700 - C709, C720 - C729	Exclude Types M9590 - M9989
Thyroid	C739	Exclude Types M9590 - M9989
Leukemias	M9820 - M9826, M9828, M9860 - M9868, M9871 - M9874, M9890 - M9894, M9800 - M9804, M9841 - M9842, M9827, M9830, M9840, M9850, M9870, M9880 M9900, M9910, M9930 - M9941	- - - - -
Hodgkin's Disease	M9650 - M9667 (All sites)	-
Non-Hodgkin's Lymphomas	M9590 - M9595, M9670 - M9715 (All sites)	-
Multiple Myeloma	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



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## C. MARYLAND POPULATION ESTIMATES, 1999





**MARYLAND POPULATION ESTIMATES, JULY 1, 1999**

Age Group	Total	Males		Females		Whites		Black		Other		Other	
		Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
0-4	346,858	177,268	169,590	213,114	109,771	103,343	115,634	58,487	57,147	18,110	9,010	18,110	9,100
5-9	376,585	191,562	185,023	238,217	121,276	116,941	120,042	60,786	59,256	18,326	9,500	18,326	8,826
10-14	373,100	190,675	182,425	236,752	121,350	115,402	118,882	60,348	58,534	17,466	8,977	17,466	8,489
15-19	348,594	178,698	169,896	220,121	113,737	106,384	112,078	56,660	55,418	16,395	8,301	16,395	8,094
20-24	306,273	153,492	152,781	197,320	100,581	96,739	94,725	45,946	48,779	14,228	6,965	14,228	7,263
25-29	337,368	165,363	172,005	213,845	107,928	105,917	106,652	49,797	56,855	16,871	7,638	16,871	9,233
30-34	422,894	206,551	216,343	270,466	136,390	134,076	132,358	60,733	71,625	20,070	9,428	20,070	10,642
35-39	487,010	237,538	249,472	322,644	162,049	160,595	143,258	65,600	77,658	21,108	9,889	21,108	11,219
40-44	450,599	220,062	230,537	305,187	153,420	151,767	125,819	57,371	68,448	19,593	9,271	19,593	10,322
45-49	376,720	184,000	192,720	259,812	130,766	129,046	100,841	45,731	55,110	16,067	7,503	16,067	8,564
50-54	322,357	158,574	163,783	230,437	116,460	113,977	78,138	35,664	42,474	13,782	6,450	13,782	7,332
55-59	244,034	118,496	125,538	176,725	87,844	88,881	57,147	25,895	31,252	10,162	4,757	10,162	5,405
60-64	182,281	86,966	95,315	132,241	64,402	67,839	42,010	18,630	23,380	8,030	3,934	8,030	4,096
65-69	169,101	77,464	91,637	125,481	58,150	67,331	37,924	16,702	21,222	5,696	2,612	5,696	3,084
70-74	152,538	66,219	86,319	121,148	52,962	68,186	27,439	11,599	15,840	3,951	1,658	3,951	2,293
75-79	129,150	52,013	77,137	106,021	43,028	62,993	20,372	7,835	12,537	2,757	1,150	2,757	1,607
80-84	79,711	29,502	50,209	67,038	24,920	42,118	11,236	3,971	7,265	1,437	611	1,437	826
85+	66,461	18,690	47,771	55,493	15,333	40,160	9,826	2,909	6,917	1,142	448	1,142	694
<b>Total</b>	<b>5,171,634</b>	<b>2,513,133</b>	<b>2,658,501</b>	<b>3,492,062</b>	<b>1,720,367</b>	<b>1,771,695</b>	<b>1,454,381</b>	<b>684,664</b>	<b>769,717</b>	<b>225,191</b>	<b>108,102</b>	<b>225,191</b>	<b>117,089</b>

Source: Maryland Division of Health Statistics, 1999.



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#### 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







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