

Maryland Department of Health and Mental Hygiene



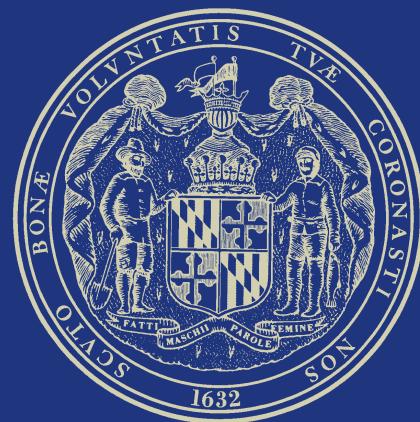
# Cancer in Maryland 2001 Incidence & Mortality Annual Report

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Lieutenant Governor

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# Cancer in Maryland

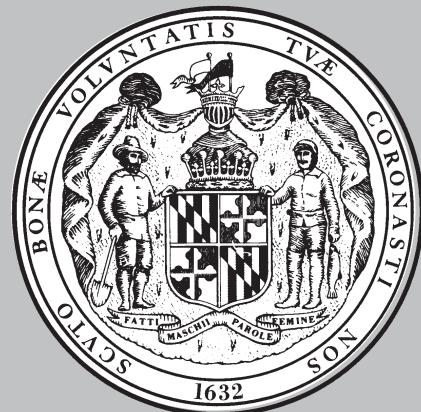
## 2001 Incidence & Mortality

### Annual Report

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

Prepared by:  
Maryland Cancer Registry

Quality Assurance/Database  
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## **DATA HIGHLIGHTS**



The Maryland Cancer Registry is pleased to present its tenth report, *Cancer in Maryland, 2001 Incidence & Mortality Report*. Data presented includes cancers reported for the year 2001 and are presented as 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 23,038 new cases of invasive cancer were diagnosed among Maryland residents in 2001. The incidence rate for all cancer sites, age-adjusted using the new 2000 U.S. population standard for age adjustment, is 444.4 new cases per 100,000 residents.
- Cancer incidence rates in Maryland have declined an average of 2.9% per year from 1997-2001. There was an average decrease of 2.5% per year in the overall cancer incidence rate among males and 2.7% per year among females from 1997 through 2001.
- Cancers of the breast, prostate, lung and bronchus, and colon and rectum account for 57.7% of all newly diagnosed cancers in Maryland in 2001.
- Prostate cancer is the most frequently reported cancer among Maryland men. There were 3,843 newly diagnosed prostate cancers in 2001.
- Breast cancer is the most commonly reported cancer among Maryland women. There were 3,551 newly diagnosed invasive female breast cancers in 2001.

#### B. Mortality

- 10,179 Maryland residents died as a result of cancer in 2001. Cancer is the second leading cause of death in Maryland. The 2001 age-adjusted mortality rate using the 2000 population standard for age adjustment is 202.2 cancer deaths per 100,000 residents.
- The overall cancer mortality rate has decreased an average of 2.0% per year from 1997 through 2001.
- Cancers of the lung and bronchus, colon and rectum, breast, and prostate account for 52.1% of all cancer deaths in Maryland in 2001.
- Cancer of the lung and bronchus was the most common cause of cancer death among Maryland residents. There were 2,858 lung and bronchial cancer deaths in 2001, 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 2001.
- Males had a significantly higher overall cancer mortality rate than females, and blacks had a significantly higher overall cancer mortality rate than whites in 2001.



## **INTRODUCTION**



### A. History of the Maryland Cancer Registry

The Maryland Cancer Registry (MCR) is the state's official source for cancer statistics. The MCR registers all new cases of reportable cancer diagnosed and/or treated in Maryland.

Maryland Health-General Article §§ 18-203 and 18-204 and Code of Maryland Regulations 10.14.01 require hospitals, radiation therapy centers, and laboratories licensed in Maryland 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 by either a hospital, radiation therapy center, surgical center or ambulatory care facility) to report cancer cases diagnosed and/or treated beginning with cases diagnosed January 1, 1999.

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.

Through 13 interstate data exchange agreements, which include exchange with the neighboring states of Delaware, Pennsylvania, Virginia, West Virginia, and the District of Columbia, the MCR receives information on Maryland residents diagnosed and/or treated for cancer in these areas. The MCR also receives information on Maryland residents from selected District of Columbia 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. Other funding for the MCR comes from the State of Maryland and the Maryland Cigarette Restitution Fund.

### B. MCR Operations

The MCR is comprised of a central office and a data processing center. The MCR central office, located in the Department of Health and Mental Hygiene office complex, is charged with the administrative, technical, analytical, and custodial oversight of MCR data. The data processing center, located at ORC MACRO International, Inc. in Calverton, MD, from 2002 through 2007, processed all cancer reports and performs quality assurance and quality control activities.

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

### C. Organization of this Report

This report provides cancer incidence and mortality statistics for the State of Maryland. Age-adjusted rates are based on the year 2000 U.S. population standard. Data tables include counts for major cancer sites, stage at diagnosis, and age-adjusted incidence and mortality rates (by site, gender, race, and jurisdiction).



## DATA COLLECTION AND MANAGEMENT



## A. Reporting Facilities

This report presents data collected from 48 Maryland hospitals, 3 DC hospitals, 17 radiation therapy clinics, 34 laboratories, 11 out-of-state laboratories, 34 ambulatory and surgical centers, 63 physicians, and 12 state central cancer registries and the District of Columbia central cancer registry. Facilities are required to submit cancer reports on all new cancer cases.

## B. Cancer Case Reporting Definition

Reportable cancers, according to Maryland law, are listed in Table 1. The 2001 incident cancers are classified according to the *International Classification of Disease Oncology Third Edition* (ICD-O-3) 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-3	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 of genital sites, and cervical CIS, CIN III or any combination.	C00.0-C75.9 Behavior Code = 2	230.0-234.9
<b>Exclusions not reportable:</b> Basal, squamous, epithelial & papillary cell carcinomas of the skin of non-genital sites.	C44.0-C44.9 certain histologies	173.0-173.9

CIS = Carcinoma in situ.

CIN III = Cervical intra-epithelial neoplasia, grade III.

## C. Registry Certification

Each year, the North American Association of Central Cancer Registries (NAACCR) evaluates MCR data for completeness, quality and timeliness. Maryland met NAACCR "gold" standard for quality and timeliness, but Maryland data were only 88% complete, below the required 90% completeness to meet NAACCR standard for case ascertainment.

## 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 records from reporting facilities. In addition, the MCR conducts special data quality reviews as funding permits.

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 sample of records from reporting facilities; and
- The review of Maryland death certificate data to identify additional cancer cases that 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 are secured from unauthorized access and disclosure.

The MCR 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 ([http://fha.maryland.gov/cancer/mcr\\_home.cfm](http://fha.maryland.gov/cancer/mcr_home.cfm)).

In accordance with the MCR Data Release Policy and Procedures, 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.



## **TECHNICAL NOTES**



## A. Incidence (New Cases)

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

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

The ACS cases are those that 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). They consist of all invasive cancers (and *in situ* cancers of the urinary bladder) diagnosed in Maryland residents between January 1, 2001 and 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, gender, and jurisdiction. Except where noted, all incidence rates are age-adjusted using the 2000 U.S. 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* – the stage of the tumor could not be determined or was not reported.

## C. Mortality (Deaths)

Information on cancer-related deaths was obtained from the Maryland Vital Statistics Administration. Only deaths from Maryland residents who died during 2001 are included in the analyses. Cancer deaths are grouped according to the conventions of the SEER Program (Appendix B). Except for age-specific mortality rates, all mortality rates are age-adjusted using the 2000 U.S. standard million population.

## D. Population Estimates

Maryland 2001 population estimates used in this report were provided by the National Center for Health Statistics (NCHS) and produced under a collaborative arrangement with the U.S. Census Bureau. These estimates result from bridging the new 31 race categories used in Census 2000, as specified in the 1997 Office of Management and Budget standards for the collection of data on race and ethnicity, to the four race categories previously used. Additional information about Census 2000 and the bridging methodology is available on the NCHS website at <http://www.census.gov/nchs>.

Population estimates for 1997-2001 were obtained from the NCHS and were produced by the U.S. Census Bureau in conjunction with the National Cancer Institute (NCI). These estimates differ from those used previously as they use population counts from both the 1990 and 2000 censuses to estimate populations through the 1990's. (Previous population estimates were created prior to the year 2000 and were based on the 1990 census only.) Please see the note regarding annual percentage change (APC) under Data Considerations for more information.

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

An APC of cancer incidence and mortality for years 1997 through 2001 is calculated using SEER methods. The APC is expressed as the average annual percentage increase or decrease in rates during a given time period. For the purpose of this report, 5-year incidence and mortality trend data and corresponding APCs are presented for the years 1997 through 2001. The APC 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  $x = \text{calendar year (1997 through 2001)}$ . The APC =  $100 * (e^m - 1)$ . A more detailed description of the method can be found at:

[http://seer.cancer.gov/seerstat/  
WebHelp/seerstat.htm#Trend\\_Algorithms.htm](http://seer.cancer.gov/seerstat/WebHelp/seerstat.htm#Trend_Algorithms.htm)

## 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 cancer rates increase tremendously with increasing age, age-adjustment eliminates the confounding effect of age when comparing rates if the rates being compared are from populations with very different underlying age distributions.

## G. Year 2000 U.S. Population Standard

All 2001 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.

The incidence and mortality rates are adjusted using 19 age groups (<1 year olds, 1-4 year olds, 5-9 year olds, 10-14 year olds, ... 85+ year olds). Rates presented in previous MCR reports used 18 age groups (0-4 year olds, 5-9 year olds, 10-14 year olds, ... 85+ year olds) for age adjustment. National organizations such as

SEER, NPCR and NAACCR have begun using the 19 age group standard population when calculating rates, and this change was implemented by the MCR in order to keep Maryland rates comparable to these organizations. The use of the 19 age group standard population is not expected to significantly change the rates; however, small changes may occur due to rounding.

## H. National Comparison Groups

This report compares the 2001 cancer incidence and mortality rates in Maryland with those of the U.S. For incidence comparisons, data from the National Cancer Institute's SEER Program, SEER\*Stat Database Incidence – SEER 13 Regs Limited-Use, Nov 2007 Sub (1992-2005) was used. The SEER 13 areas which include five states and eight metropolitan areas or sub populations, represent approximately 13.8 percent of the U.S. population. For mortality comparisons, data reported by SEER provided by the National Center for Health Statistics was used. For comparison of stage at diagnosis to national data, SEER Fast Stats was used, accessed at [http://seer.cancer.gov/faststats/  
selections.php#Output](http://seer.cancer.gov/faststats/selections.php#Output).

## I. Data Considerations

### 1. New Reporters

Beginning with cases diagnosed January 1, 1999, cancer reports were submitted to the MCR by ambulatory care facilities, surgical centers, and physicians in addition to the prior reporting by hospitals and laboratories.

### 2. Race

Race-specific rates for 2001 data are reported as white and black. A special section reviews 2001 cancer incidence and mortality among minority populations.

For data years prior to 1997, the black and other racial groups were combined as the non-white racial group. Consequently, when reporting APC

trends for rates from 1997 to 2001, incidence rates for whites are compared with incidence rates for non-whites.

In 2001, there were 482 cases coded as "unknown race" in the incidence database. Over sixty-eight percent of the new cases with missing racial information were reported from laboratories. The unknown race group has been included when calculating Maryland statewide total and site-specific rates. This introduces some discrepancies when comparing the overall age-adjusted incidence rates with the race-specific incidence rates. (The information on race is more complete on the death certificates so the problem is minimal when reporting mortality information.)

### 3. Hispanic Ethnicity

In order to provide a more accurate picture of the cancer burden among the Hispanic population, several central cancer registries use an algorithm to estimate Hispanic ethnicity based on the US Census Spanish surname listings. The MCR, at the recommendation of NAACCR, used a modified algorithm to recode cases that were missing Hispanic ethnicity information. Use of this algorithm has increased the number of cases with Hispanic ethnicity. Consequently, the revised number of new cancer cases diagnosed among the Hispanic population in 2001 is similar to the number of expected cases, based on national data.

### 4. Age at Diagnosis

Eight (8) records are missing age in the 2001 incidence dataset. 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 four (4) cases coded with *other* gender in the 2001 incidence dataset. Excluding these

cases does not significantly affect the calculation of sex-specific rates presented in this report.

### 6. Unknown Stage at Diagnosis

The percent of cancers with unknown stage at the time of diagnosis differs by site and racial group. The true staging distribution by race could, therefore, differ from the proportions in this report if the cases with unknown staging are distributed differentially among racial groups.

### 7. Data Tables

The data tables present 2001 cancer incidence and mortality information for the State of Maryland, five Maryland regions, and 24 jurisdictions. The tables must be reviewed with caution. Small numbers are subject to wide variation. Confidence intervals are included with rates 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.

### 8. MCR Data Quality and Completeness of Case Ascertainment

MCR data are assessed annually by the NAACCR for completeness, timeliness, and quality. For 2001 data, Maryland met NAACCR "gold" standard for timeliness and quality, but Maryland data were only 88% complete, therefore below the required 90% completeness to meet NAACCR standard for case ascertainment.



**STATEWIDE INCIDENCE AND MORTALITY  
OVERVIEW**



## A. INCIDENCE OVERVIEW – ALL SITES COMBINED

### 1. Incidence (New Cases) Overview

A total of 23,038 cancers were diagnosed among Maryland residents in 2001 (Table 2). The State's age-adjusted incidence rate for all cancer sites combined is 444.4 cases per 100,000 (438.6-450.2, 95% CI). The state's age-adjusted cancer incidence rate is significantly higher than the 2001 SEER rate of 474.2 cases per 100,000 (470.2-476.5, 95% CI). The cancer incidence rate in Maryland has declined an average of 2.5% per year between 1997 and 2001.

**Table 2. New Cancer Cases and Age-Adjusted Cancer Incidence Rates per 100,000 population  
All Cancer Sites Combined by Gender and Race, Maryland 2001 and SEER, 2001.**

Race	Total		Males		Females	
	Cases	Rate <sup>1</sup>	Cases	Rate <sup>1</sup>	Cases	Rate <sup>1</sup>
MD White	17,026	442.1	8676	512.3	8349	395.2
MD Black	4,833	423.8	2456	532.1	2375	351.2
MD Asian	409	228.1	183	234.4	225	221.7
MD Hispanic*	352	322.8	161	382.0	191	291.9
<b>MD Total**</b>	<b>23,038</b>	<b>444.4</b>	<b>11,748</b>	<b>525.9</b>	<b>11,286</b>	<b>388.4</b>
<b>US (SEER) Total</b>	-	<b>474.2</b>	-	<b>560.4</b>	-	<b>415.2</b>

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

Source: Maryland Cancer Registry, 2001.

SEER Program, NCI, 2001.

\* Includes all racial groups.

\*\* Includes "other" race group.

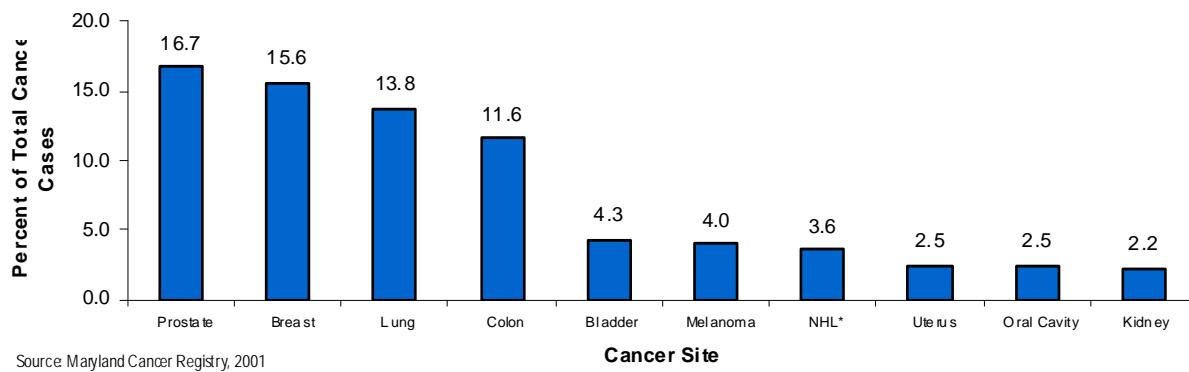
### 2. Most Frequently Diagnosed New Cancers

The distribution of new cancer cases in Maryland (Figure 1) is similar to the distribution of cancer in the U.S. Of all new cases, 16.7% (3,843) are prostate cancers, 15.6% (3,551) are breast cancers, 13.8% (3,190) are cancers of the lung and bronchus, and 11.6% (2,665) are cancers of the colon or rectum. Cancers of the breast account for 31.5% of newly diagnosed cancers among women, and prostate cancer accounts for 32.7% of newly diagnosed cancers among men. The ten most frequently diagnosed cancers in Maryland are presented in Figure 1. These cancers account for over 76.8% of the new cases diagnosed in 2001.

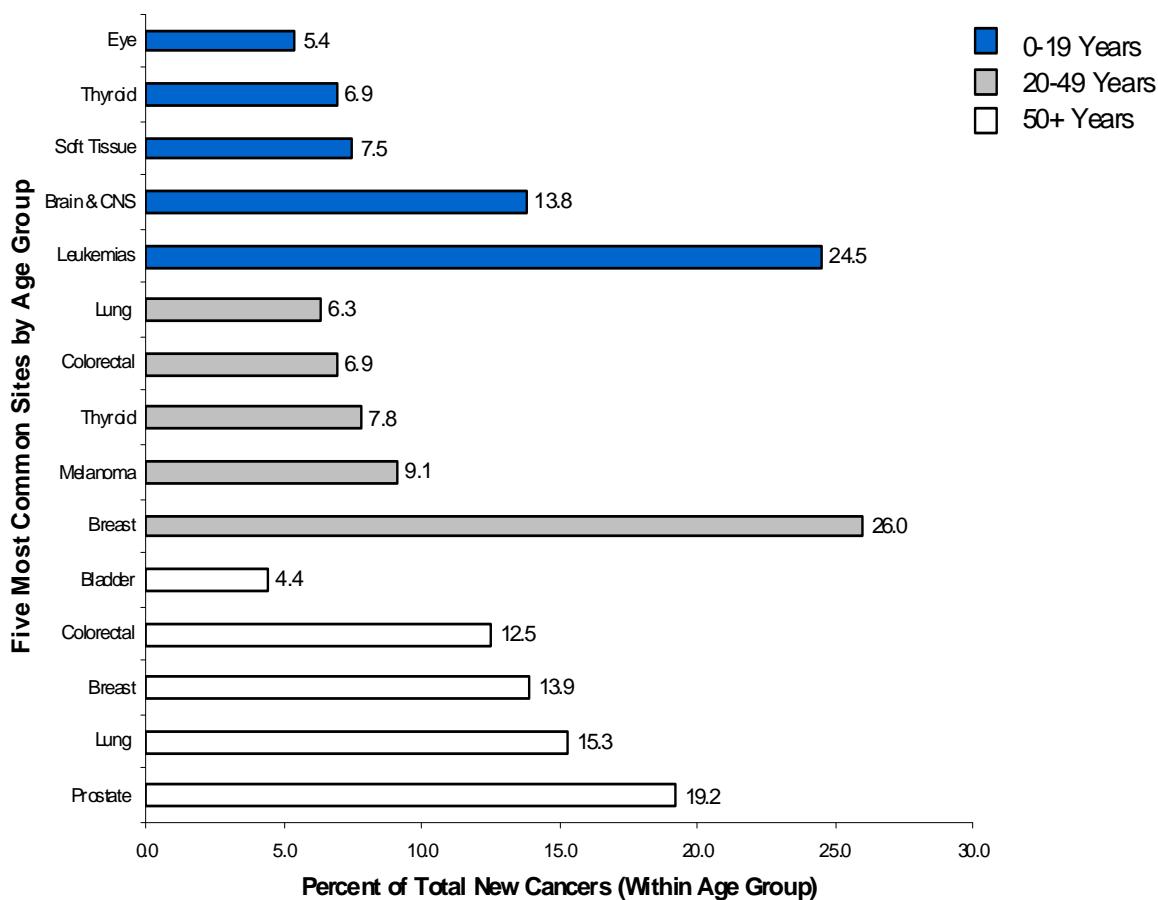
The most frequently diagnosed cancers differ by age group (Figure 2). Leukemias (39 cases) and central nervous system (including brain) invasive cancers (22 cases) are the most common cancers diagnosed among persons between the ages of 0 to 19 years (24.5% and 13.8%, respectively). Breast cancer is the most frequently diagnosed cancer among Maryland residents between the ages of 20 and 49 years (897 cases or 26%). Among individuals age 50 years and older, cancers of the prostate, lung (including bronchus), breast, and colon and rectum are the most frequently diagnosed.

## STATEWIDE INCIDENCE AND MORTALITY OVERVIEW

**Figure 1. Ten Most Frequently Diagnosed Cancers, by Percent of Total Cancers, All Races, Both Sexes, Maryland 2001**



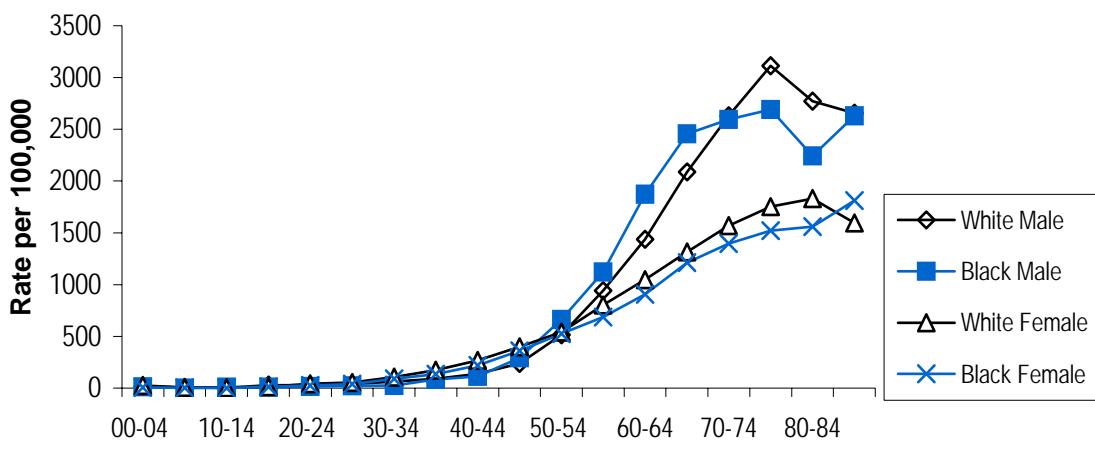
**Figure 2. Five Most Frequently Diagnosed Cancers by Percent of Total (Within Age-Group), All Races, Both Sexes, Maryland, 2001**



### 3. Age-Specific Cancer Incidence Rates

The risk of developing cancer increases with age for all gender and racial groups (Figure 3). Males have higher cancer incidence rates compared to females starting at age 50 years. Black males have the highest age-specific rates for all racial groups starting around 55 years of age.

**Figure 3. Age-Specific Cancer Incidence Rates, All Sites Combined by Gender and Race, Maryland, 2001.**



Source: Maryland Cancer Registry, 2001

### 4. Gender-Specific Incidence Trends

The 2001 total male to female cancer incidence rate ratio for Maryland residents is 1.4. There was an average decrease of 2.5% per year in the overall cancer incidence rate among males during the 5-year period 1997 to 2001. The age-adjusted overall cancer incidence rate among Maryland males is 525.9 per 100,000 (516.2-535.7, 95% CI); this rate is significantly lower than the 2001 SEER age-adjusted male cancer incidence rate of 560.4 per 100,000 men (555.6-564.2, 95% CI).

There was an average decrease of 2.7% per year in the overall cancer incidence rate among females from 1997 through 2001. The 2001 age-adjusted overall cancer incidence rate among Maryland females is 388.4 per 100,000 women (381.2-395.6, 95% CI); this rate is significantly lower than the 2001 SEER age-adjusted cancer incidence rate of 415.2 per 100,000 women (412.4-418.1, 95% CI).

### 5. Racial Distribution of New Cases

The black to white cancer incidence rate ratio among Maryland residents is 1.0. The 2001 overall age-adjusted cancer incidence rate among Maryland whites is 442.1 per 100,000 population (435.5-448.8, 95% CI); this rate is significantly lower than the 2001 SEER rate for whites (486.3 per 100,000, 483.8-488.9, 95% CI). The total age-adjusted cancer incidence rate among Maryland blacks is 423.8 per 100,000 population (411.4-436.4, 95% CI). This rate is significantly lower than the 2001 SEER age-adjusted incidence rate for blacks (506.5 per 100,000 blacks, 498.5-514.6, 95% CI).

## STATEWIDE INCIDENCE AND MORTALITY OVERVIEW

Black males have the highest 2001 overall age-adjusted cancer incidence rate in the state. The 2001 age-adjusted cancer incidence rate for Maryland black males is 532.1 per 100,000 (509.6-555.7, 95% CI); this rate is significantly higher than 2001 overall age-adjusted cancer incidence rates among all other races and gender groups in Maryland.

## STATEWIDE INCIDENCE AND MORTALITY OVERVIEW

### B. Mortality Overview – All Sites Combined

#### 1. Mortality (Deaths) Overview

A total of 10,179 Maryland residents died from cancer in 2001 (Table 3). Maryland ranks the 13<sup>th</sup> highest among the states and the District of Columbia in total cancer mortality (1997-2001). Malignant neoplasms are the second leading cause of death in Maryland, responsible for 23.6% of all 2001 deaths. Maryland's overall 2001 cancer mortality rate is 202.2 deaths per 100,000 population (198.3-206.2, 95% CI); this rate is statistically significantly higher than the 2001 US cancer mortality rate of 195.6 deaths per 100,000. Cancer mortality rates in Maryland have declined an average of 1.7% per year from 1997 to 2001.

**Table 3. Cancer Deaths and Age-Adjusted Cancer Mortality Rates per 100,000  
All Cancer Sites Combined, by Gender and Race, Maryland 2001 and US 2000.**

Race	Total		Males		Females	
	Deaths	Rate <sup>†</sup>	Deaths	Rate <sup>†</sup>	Deaths	Rate <sup>†</sup>
MD White	7,500	194.9	3,817	238.3	3,683	166.5
MD Black	2,491	241.7	1,286	326.0	1,205	193.0
MD Asian	160	110.9	79	123.8	81	102.1
MD Hispanic*	58	58.9	31	80.8	27	46.6
<b>MD Total**</b>	<b>10,179</b>	<b>202.2</b>	<b>5,198</b>	<b>251.1</b>	<b>4,981</b>	<b>170.6</b>
<b>US 2001</b>	<b>-</b>	<b>195.6</b>	<b>-</b>	<b>243.5</b>	<b>-</b>	<b>164.1</b>

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

Source: Maryland Vital Statistics Administration, 2001.  
SEER, National Center for Health Statistics, 2001.

\*Includes all races.

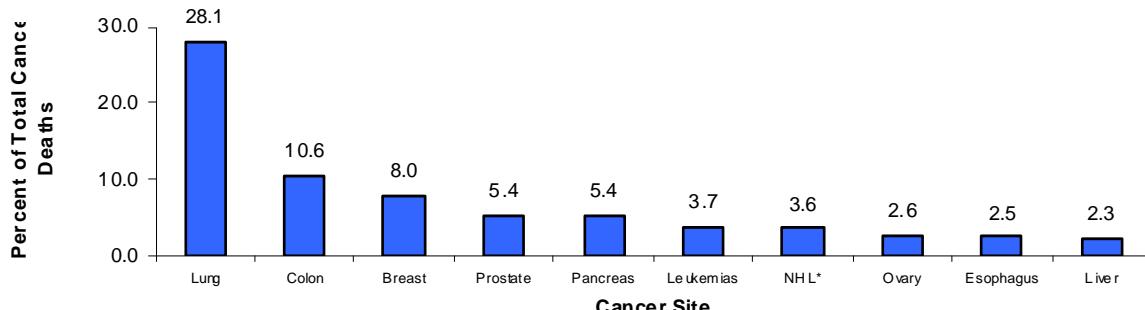
\*\* Includes "other" race group.

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

Lung and bronchial, colorectal, breast, and prostate cancers account for 52.1% of the 2001 cancer-related deaths in Maryland (Figure 4). Among deaths due to cancer, 28.1% (2,858) are lung (including bronchial) cancers, 10.6% (1,079) are colorectal cancers, 8.0% (801) are breast cancers, and 5.4% (550) are prostate cancers.

The most frequent type of cancer death differs by age group (Figure 5). Leukemias (14 cases) and brain (including other central nervous system) cancers (9 cases) are responsible for most of the cancer-related deaths among persons aged 0-19 years (25.9% and 16.7%, respectively). Lung (including bronchus) and breast cancers account for the most cancer-related mortality among Maryland residents between the ages of 20 to 49 years (18.4% and 17.4%, respectively). Among persons aged 50 and older, lung cancer is responsible for 29.1% of Maryland's cancer-related deaths (N=2,710).

**Figure 4. Ten Most Frequent Sites of Cancer-Related Deaths, by Percent of Total Cancer Deaths, All Races, Both Sexes, Maryland 2001.**

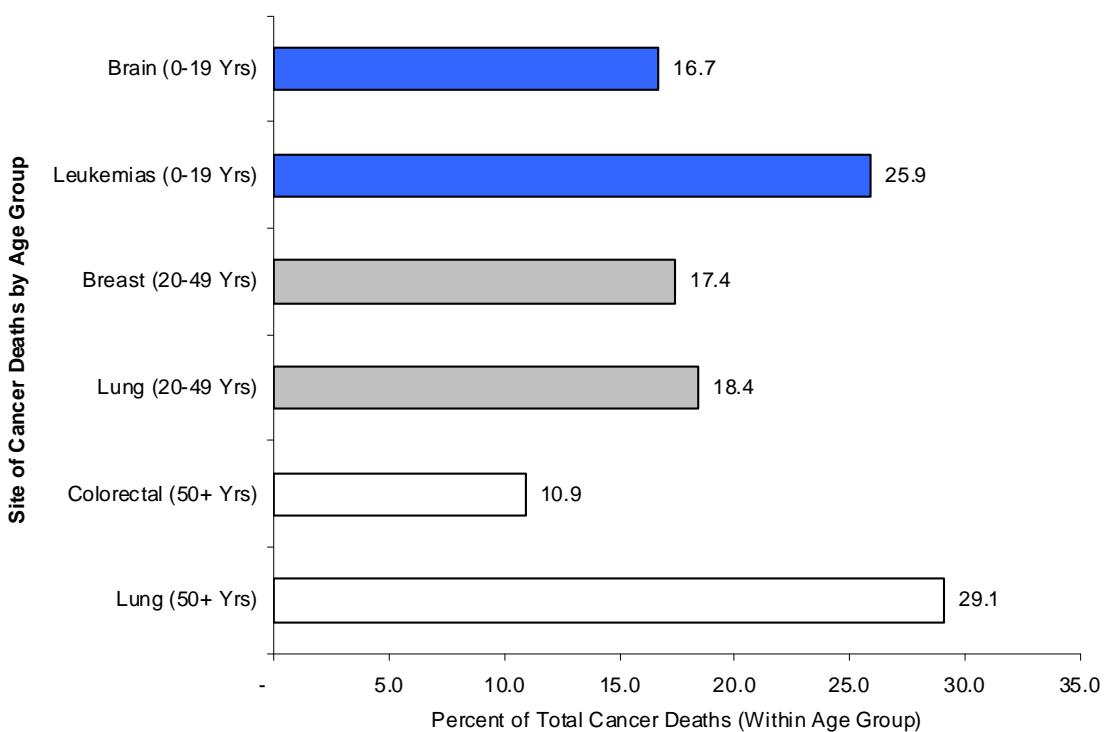


Source: Maryland Vital Statistics Administration, 2001

Total Cancer Deaths = 10,179

\*NHL = Non-Hodgkin's Lymphoma

**Figure 5. Most Frequent Sites of Cancer-Related Deaths by Age Group and Percent Total (Within Age-Group), All Races, Both Sexes, Maryland 2001**

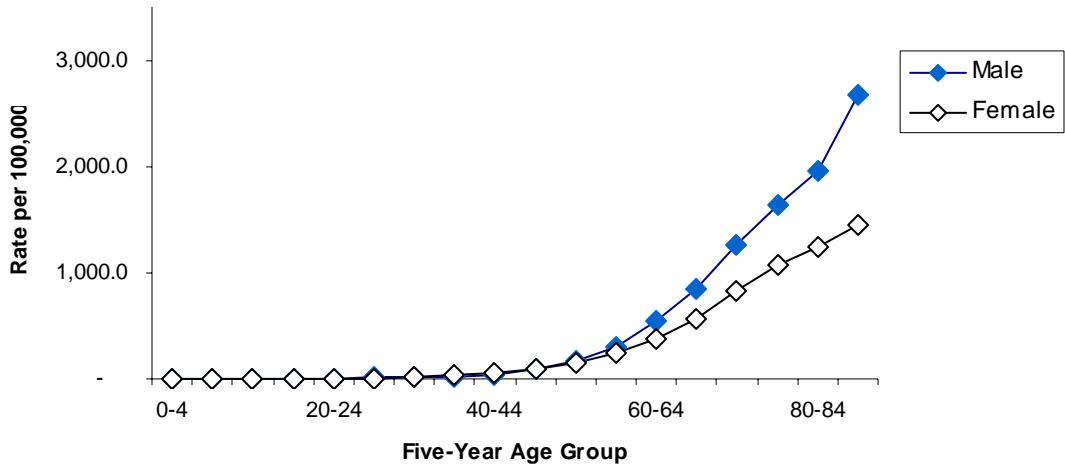


Source: Maryland Vital Statistics Administration, 2001

### 3. Age-Specific Mortality Rates

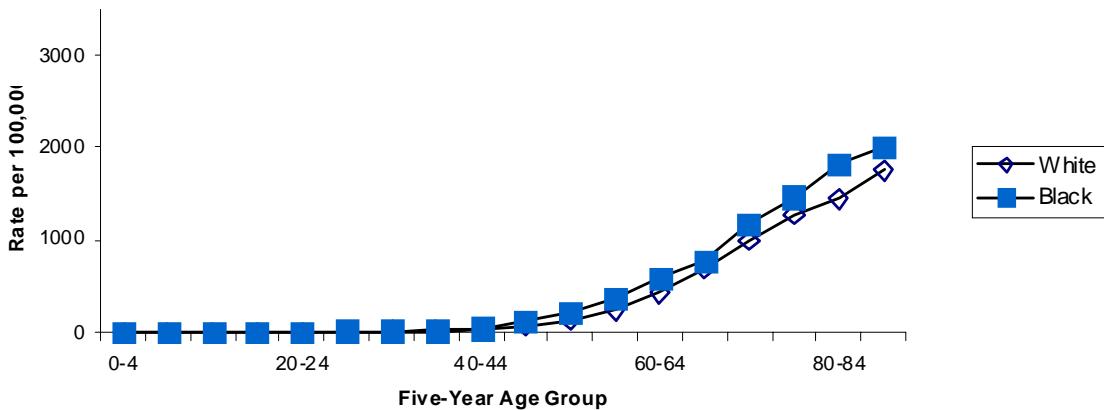
Cancer mortality rates increase with age for all gender and racial groups (Figure 6a and 6b). Males have a higher death rate than females starting around 60 years of age, and blacks die more frequently from cancer than whites starting around 40 years of age.

**Figure 6a. Age-Specific Cancer Mortality Rates, All Sites Combined, By Gender, Maryland, 2001**



Source: Maryland Vital Statistics Administration, 2001

**Figure 6b. Age-Specific Cancer Mortality Rates, All Sites Combined, by Race, Maryland 2001.**



Source: Maryland Vital Statistics Administration, 2001

#### 4. Gender-Specific Mortality Trends

The 2001 male to female cancer mortality rate ratio among Maryland residents is 1.5. The 2001 age-adjusted cancer mortality rate among Maryland males is 251.1 deaths per 100,000 (244.2-258.3, 95% CI); this rate is comparable to the 2001 US age-adjusted rate of 243.5 deaths per 100,000 males. There was an average decrease of 2.3% per year in the overall cancer mortality rate among males during the 5-year period 1997 to 2001.

## STATEWIDE INCIDENCE AND MORTALITY OVERVIEW

The 2001 female total cancer age-adjusted mortality rate among Maryland females is 170.6 deaths per 100,000 women (165.9-175.4, 95% CI); this rate is comparable to the 2001 US mortality rate of 164.1 deaths per 100,000 women. Cancer mortality rates have also decreased among Maryland women. There was an average decrease of 1.4% per year in the overall age-adjusted cancer mortality rate among females between 1997 and 2001.

### C. Stage at Diagnosis

**Table 4a–e New Cancer Cases by SEER Summary Stage Distribution (%), Major Site and Race/Ethnicity, Maryland, 2001 and US SEER**

**Table 4a. All Sites Combined\***

Race	<i>Summary Stage (Percent of Total)</i>			
	Localized	Regional	Distant	Unstaged
Total (Combined)	42%	21%	17%	21%
White	44%	20%	17%	19%
Black	38%	23%	19%	21%
Asian/Pacific Islander	42%	25%	13%	20%
Hispanic**	38%	21%	18%	22%

**Table 4b. Colon and Rectum**

Race	<i>Summary Stage (Percent of Total)</i>			
	Localized	Regional	Distant	Unstaged
Total (Combined)	30%	38%	15%	17%
White	32%	39%	15%	14%
Black	27%	40%	15%	18%
Asian/Pacific Islander	36%	43%	9%	13%
Hispanic**	15%	50%	18%	18%
US SEER (1996-2000)	40%	37%	18%	6%

**Table 4c. Lung and Bronchus**

Race	<i>Summary Stage (Percent of Total)</i>			
	Localized	Regional	Distant	Unstaged
Total (Combined)	20%	28%	36%	16%
White	21%	28%	36%	15%
Black	15%	29%	38%	18%
Asian/Pacific Islander	9%	38%	34%	19%
Hispanic**	18%	25%	36%	21%
US SEER (1996-2000)	17%	36%	36%	11%

**Table 4d. Prostate**

Race	Summary Stage (Percent of Total)			
	Localized	Regional	Distant	Unstaged
Total (Combined)	62%	6%	2%	29%
White	64%	6%	2%	28%
Black	66%	6%	4%	23%
Asian/Pacific Islander	53%	11%	4%	33%
Hispanic**	61%	9%	2%	29%
US SEER (2000-2006)	80%	11%	4%	4%

**Table 4e. Female Breast**

Race	Summary Stage (Percent of Total)			
	Localized	Regional	Distant	Unstaged
Total (Combined)	56%	28%	4%	12%
White	59%	28%	3%	10%
Black	50%	32%	5%	13%
Asian/Pacific Islander	62%	29%	3%	7%
Hispanic**	56%	28%	6%	11%
US SEER (2000-2006)	61%	32%	5%	3%

Source:

Maryland Cancer Registry, 2001

National Cancer Institute, SEER, 2000 (colon and rectum, lung and bronchus), and 2009  
(female breast, prostate)

\* SEER Stage information not available for all sites combined.

\*\*Hispanic Includes all races.

## **CANCER INCIDENCE BY RACE, GENDER, REGION AND JURISDICTION**

### **CANCER INCIDENCE BY RACE, GENDER, REGION AND JURISDICTION**



## All Sites

**Table I.1. Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	23038	444.4	438.6	450.2	17026	442.1	435.5	448.8	4833	423.8	411.4	436.4
BALTIMORE METRO REGION	11949	474.6	466.1	483.2	8787	466.3	456.6	476.2	2729	474.7	456.8	493.3
Anne Arundel	2103	460.5	440.7	481.1	1807	452.4	431.5	474.2	212	465.7	402.6	537.4
Baltimore City	3211	491.9	475.0	509.2	1354	512.6	485.1	541.7	1763	463.4	441.9	485.7
Baltimore County	4129	487.3	472.5	502.5	3462	479.5	463.4	496.0	528	523.0	476.5	573.5
Carroll	695	473.9	439.0	511.0	657	462.2	427.3	499.5	19	~	~	~
Harford	977	478.7	448.7	510.5	868	465.4	434.5	498.2	81	541.7	424.5	687.7
Howard	834	398.6	370.7	428.2	639	381.1	351.0	413.4	126	505.7	413.7	616.1
EASTERN SHORE REGION	2277	501.1	480.7	522.3	1923	494.6	472.6	517.4	307	491.7	438.2	550.1
Caroline	148	466.6	394.4	549.1	125	458.6	381.6	547.8	21	~	~	~
Cecil	340	415.3	371.9	463.0	325	415.7	371.3	464.6	7	~	~	~
Dorchester	194	497.8	429.5	576.0	153	506.7	428.4	599.9	41	478.8	343.3	653.2
Kent	106	395.1	321.9	484.9	88	387.7	308.9	487.9	17	~	~	~
Queen Anne's	226	501.3	437.6	573.4	200	494.4	427.6	570.8	18	~	~	~
Somerset	147	554.0	467.9	654.1	104	550.1	448.0	675.2	40	549.8	390.6	756.7
Talbot	277	556.9	491.7	631.5	241	544.3	476.1	624.6	33	557.3	381.9	798.5
Wicomico	468	540.1	492.3	591.6	382	555.2	500.8	614.5	81	482.5	382.5	602.9
Worcester	371	544.8	489.4	606.4	305	518.6	460.1	585.0	49	582.3	430.1	780.5
NATIONAL CAPITAL REGION	5601	367.9	358.2	377.9	3447	362.2	350.1	374.5	1540	339.6	321.0	359.3
Montgomery	3305	378.4	365.5	391.6	2509	366.3	352.0	381.1	350	363.2	324.1	406.5
Prince George's	2296	350.5	335.8	365.9	938	351.4	329.2	374.8	1190	333.6	312.4	356.2
NORTHWEST REGION	2165	480.7	460.6	501.4	2050	475.5	455.1	496.6	75	516.9	397.9	664.9
Allegany	430	459.6	416.5	506.7	418	458.7	414.9	506.9	9	~	~	~
Frederick	831	474.2	442.2	508.1	763	463.9	431.2	498.5	41	505.9	356.5	703.8
Garrett	164	482.5	411.1	564.8	164	485.6	413.7	568.3	~	~	~	~
Washington	740	511.0	474.8	549.4	705	505.3	468.6	544.4	25	601.2	361.0	974.5
SOUTHERN REGION	1036	430.6	404.1	458.6	813	414.8	386.1	445.2	181	458.4	391.9	534.5
Calvert	327	498.8	444.9	557.8	268	480.3	423.2	543.6	45	524.5	380.7	708.0
Charles	400	401.9	362.0	445.5	292	380.9	337.2	429.4	93	463.5	367.6	581.4
Saint Mary's	309	412.3	366.9	462.4	253	399.2	350.8	453.3	43	420.9	303.6	574.0

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

## All Sites

**Table I.1.a Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	409	228.1	204.4	254.6	17	~	~	~	352	322.8	286.1	363.5
BALTIMORE METRO REGION	138	254.5	209.2	310.2	7	~	~	~	100	386.6	309.3	480.1
Anne Arundel	29	319.3	202.3	506.2	~	~	~	~	25	~	~	~
Baltimore City	20	~	~	~	~	~	~	~	24	~	~	~
Baltimore County	48	264.6	186.9	373.8	~	~	~	~	35	449.8	307.1	644.5
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	7	~	~	~	~	~	~	~	8	~	~	~
Howard	31	184.8	117.6	298.4	~	~	~	~	6	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	14	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	6	~	~	~
NATIONAL CAPITAL REGION	252	218.1	189.8	250.8	6	~	~	~	209	282.1	240.0	330.6
Montgomery	206	234.5	200.7	273.8	~	~	~	~	157	295.4	245.4	354.2
Prince George's	46	162.2	116.0	227.7	~	~	~	~	52	253.7	179.2	355.3
NORTHWEST REGION	8	~	~	~	~	~	~	~	18	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	~	~	~	~	11	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	~	~	~	~	11	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## All Sites

**Table I.2. Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	11748	525.9	516.2	535.7	8676	512.3	501.5	523.4	2456	532.1	509.6	555.7
BALTIMORE METRO REGION	6080	562.9	548.6	577.5	4434	537.3	521.4	553.6	1397	609.3	576.2	644.4
Anne Arundel	1113	548.4	515.0	584.1	951	531.2	496.4	568.5	115	612.5	495.4	757.1
Baltimore City	1566	587.9	558.9	618.2	631	557.4	514.5	603.5	884	591.6	552.1	633.8
Baltimore County	2129	582.1	557.5	607.6	1754	555.2	529.4	582.2	288	677.3	593.8	774.0
Carroll	347	549.6	491.1	614.2	327	535.3	476.8	600.1	10	~	~	~
Harford	499	570.1	518.4	627.3	449	557.2	504.0	616.2	35	603.2	405.2	902.5
Howard	426	452.8	407.1	503.7	322	419.4	371.5	473.4	65	680.8	501.3	925.4
EASTERN SHORE REGION	1188	577.5	544.7	612.1	998	562.8	527.9	599.8	165	606.4	516.6	709.4
Caroline	85	615.8	490.4	767.7	69	576.5	447.0	736.7	14	~	~	~
Cecil	180	496.7	422.7	583.3	171	499.6	423.5	589.1	6	~	~	~
Dorchester	92	540.3	434.4	669.1	69	521.2	403.6	674.6	23	~	~	~
Kent	61	493.4	376.5	645.5	51	474.9	352.4	639.5	9	~	~	~
Queen Anne's	122	557.9	461.7	672.4	110	553.2	452.7	675.0	9	~	~	~
Somerset	76	610.8	480.0	772.9	57	636.6	479.9	840.4	18	~	~	~
Talbot	147	664.3	559.4	788.8	127	637.3	529.2	770.5	18	~	~	~
Wicomico	220	568.1	494.6	652.2	174	564.8	483.1	659.6	45	604.4	439.0	841.2
Worcester	205	653.7	563.7	757.1	170	608.5	515.5	718.1	23	~	~	~
NATIONAL CAPITAL REGION	2797	433.9	417.4	451.0	1736	419.3	399.7	439.8	765	415.4	381.4	452.8
Montgomery	1628	438.4	417.0	460.7	1242	421.2	397.9	445.6	171	464.5	391.4	550.5
Prince George's	1169	421.7	396.0	449.2	494	414.8	378.5	454.4	594	401.1	363.0	444.1
NORTHWEST REGION	1138	576.7	543.2	612.1	1068	566.5	532.6	602.3	43	704.4	483.3	1017.7
Allegany	235	562.8	492.8	641.6	226	558.8	487.9	639.1	6	~	~	~
Frederick	431	571.9	517.0	632.3	391	549.1	493.8	610.0	20	~	~	~
Garrett	92	598.4	480.9	739.5	92	602.4	484.1	744.3	~	~	~	~
Washington	380	594.2	535.5	658.5	359	586.4	526.9	651.6	17	~	~	~
SOUTHERN REGION	539	508.3	463.7	557.2	438	501.8	453.0	555.9	85	505.2	399.0	637.5
Calvert	173	618.8	524.4	729.2	145	612.1	509.6	733.9	21	~	~	~
Charles	221	513.9	442.8	597.2	173	506.9	428.7	600.5	44	549.3	384.2	786.4
Saint Mary's	145	412.3	345.7	491.1	120	402.4	331.0	488.5	20	~	~	~

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

## All Sites

**Table I.2.a Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	183	234.4	197.6	279.0	9	~	~	~	161	382.0	317.1	459.1
BALTIMORE METRO REGION	66	284.8	210.0	390.5	~	~	~	~	47	418.4	294.2	588.6
Anne Arundel	13	~	~	~	~	~	~	~	12	~	~	~
Baltimore City	8	~	~	~	~	~	~	~	11	~	~	~
Baltimore County	25	~	~	~	~	~	~	~	17	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	18	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	111	216.9	174.1	271.3	~	~	~	~	89	330.5	255.6	425.6
Montgomery	95	245.1	193.2	312.4	~	~	~	~	63	332.2	243.4	450.0
Prince George's	16	~	~	~	~	~	~	~	26	337.9	204.5	551.8
NORTHWEST REGION	~	~	~	~	~	~	~	~	14	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	8	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	6	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## All Sites

**Table I.3. Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	11286	388.4	381.2	395.6	8349	395.2	386.7	403.8	2375	351.2	336.9	366.0
BALTIMORE METRO REGION	5868	414.2	403.6	424.9	4353	418.9	406.4	431.7	1331	388.3	367.6	409.9
Anne Arundel	990	396.6	372.1	422.4	856	394.3	368.2	421.9	97	372.1	300.1	457.6
Baltimore City	1644	430.4	409.7	452.0	723	489.1	452.3	529.0	878	384.4	359.4	410.8
Baltimore County	2000	420.8	402.4	440.0	1708	429.7	409.0	451.4	240	406.1	353.6	464.9
Carroll	348	430.2	385.9	478.8	330	420.7	376.2	469.6	9	~	~	~
Harford	478	420.8	383.8	460.8	419	405.9	367.8	447.3	46	515.8	372.7	705.3
Howard	408	352.9	318.5	390.4	317	346.6	308.5	388.6	61	395.3	297.1	524.1
EASTERN SHORE REGION	1089	445.8	419.5	473.5	925	446.3	417.7	476.6	142	405.5	341.2	479.2
Caroline	63	361.5	277.2	466.2	56	375.0	282.4	491.9	7	~	~	~
Cecil	160	363.5	309.3	425.0	154	364.7	309.3	427.7	~	~	~	~
Dorchester	102	472.6	383.7	581.0	84	507.2	402.1	641.7	18	~	~	~
Kent	45	320.8	230.0	450.9	37	318.5	219.3	469.8	8	~	~	~
Queen Anne's	104	450.0	367.1	550.1	90	438.6	352.0	544.9	9	~	~	~
Somerset	71	524.7	407.5	670.9	47	485.0	352.4	666.7	22	~	~	~
Talbot	130	475.5	395.1	575.5	114	479.2	392.7	591.1	15	~	~	~
Wicomico	248	511.9	449.9	580.8	208	543.9	471.7	625.6	36	373.9	261.6	519.5
Worcester	166	468.6	397.8	552.2	135	457.1	380.1	550.8	26	518.8	337.3	784.2
NATIONAL CAPITAL REGION	2802	322.7	310.7	335.0	1711	325.7	310.4	341.8	774	286.7	265.1	309.9
Montgomery	1676	338.6	322.5	355.5	1267	330.6	312.4	349.8	179	301.8	257.4	352.6
Prince George's	1126	299.7	282.0	318.3	444	313.3	284.6	344.6	595	283.6	258.8	310.5
NORTHWEST REGION	1027	417.9	392.6	444.5	982	415.7	389.9	442.9	32	424.0	287.4	608.6
Allegany	195	390.9	335.3	455.2	192	389.3	333.4	454.2	~	~	~	~
Frederick	400	409.6	370.2	452.2	372	407.6	367.0	451.7	21	~	~	~
Garrett	72	395.8	308.4	506.0	72	398.1	310.2	509.2	~	~	~	~
Washington	360	464.0	416.8	515.7	346	459.2	411.5	511.8	8	~	~	~
SOUTHERN REGION	496	376.4	343.6	411.8	374	353.1	317.8	391.4	96	421.0	339.0	518.6
Calvert	153	425.1	359.6	499.9	122	401.0	332.1	480.9	24	~	~	~
Charles	179	317.5	271.7	369.5	119	282.4	233.3	339.7	49	394.5	285.8	536.5
Saint Mary's	164	416.7	355.0	486.6	133	400.9	335.2	476.3	23	~	~	~

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

## All Sites

**Table I.3.a. Number of All Sites Combined Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland Females, 2001**

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	225	221.7	191.5	256.5	8	~	~	~	191	291.9	248.5	341.6
BALTIMORE METRO REGION	72	232.0	177.0	303.7	~	~	~	~	53	373.9	276.4	498.0
Anne Arundel	16	~	~	~	~	~	~	~	13	~	~	~
Baltimore City	12	~	~	~	~	~	~	~	13	~	~	~
Baltimore County	23	~	~	~	~	~	~	~	18	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	7	~	~	~	~	~	~	~	~	~	~	~
Howard	13	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	9	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	140	216.3	179.6	260.1	~	~	~	~	120	260.2	210.8	319.1
Montgomery	110	221.3	179.0	273.1	~	~	~	~	94	281.1	222.3	352.8
Prince George's	30	197.4	129.7	297.9	~	~	~	~	26	205.5	123.2	332.3
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Oral Cavity and Pharynx

**Table I.4. Number of Oral Cavity and Pharynx Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	497	9.4	8.6	10.3	336	8.7	7.8	9.7	131	10.3	8.5	12.3
BALTIMORE METRO REGION	253	9.9	8.7	11.2	158	8.4	7.1	9.8	79	12.7	10.1	16.0
Anne Arundel	54	11.4	8.5	15.2	45	10.9	7.9	14.8	~	~	~	~
Baltimore City	96	14.8	11.9	18.1	34	13.2	9.0	19.1	58	14.7	11.2	19.1
Baltimore County	63	7.5	5.7	9.6	47	6.6	4.8	8.9	12	~	~	~
Carroll	12	~	~	~	11	~	~	~	~	~	~	~
Harford	11	~	~	~	6	~	~	~	~	~	~	~
Howard	17	~	~	~	15	~	~	~	~	~	~	~
EASTERN SHORE REGION	55	12.2	9.2	16.0	48	12.3	9.1	16.5	7	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	13	~	~	~	13	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	6	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	6	~	~	~	~	~	~	~	~	~	~	~
Wicomico	9	~	~	~	6	~	~	~	~	~	~	~
Worcester	9	~	~	~	8	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	125	8.0	6.7	9.6	77	8.0	6.3	10.0	35	7.1	4.7	10.6
Montgomery	70	8.0	6.2	10.1	56	8.1	6.1	10.6	6	~	~	~
Prince George's	55	7.8	5.8	10.4	21	~	~	~	29	7.0	4.5	11.2
NORTHWEST REGION	40	8.8	6.3	12.1	36	8.4	5.9	11.7	~	~	~	~
Allegany	14	~	~	~	12	~	~	~	~	~	~	~
Frederick	13	~	~	~	13	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	10	~	~	~	~	~	~	~
SOUTHERN REGION	24	~	~	~	17	~	~	~	7	~	~	~
Calvert	9	~	~	~	8	~	~	~	~	~	~	~
Charles	7	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

## Oral Cavity and Pharynx

**Table I.5. Number of Oral Cavity and Pharynx Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland  
Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	336	14.1	12.6	15.8	223	12.8	11.1	14.6	91	16.7	13.3	21.3
BALTIMORE METRO REGION	173	15.1	12.9	17.6	104	12.2	9.9	14.9	56	21.4	16.0	28.8
Anne Arundel	41	18.0	12.7	25.8	33	16.6	11.2	25.0	~	~	~	~
Baltimore City	66	23.8	18.4	30.7	23	~	~	~	39	24.1	17.0	34.3
Baltimore County	44	11.8	8.6	16.1	29	9.3	6.2	13.5	11	~	~	~
Carroll	6	~	~	~	6	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	11	~	~	~	9	~	~	~	~	~	~	~
EASTERN SHORE REGION	40	19.4	13.8	27.0	35	19.8	13.7	28.3	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	10	~	~	~	10	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	7	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	77	11.6	9.0	14.7	47	11.3	8.3	15.2	22	~	~	~
Montgomery	40	10.7	7.6	14.8	32	10.8	7.4	15.5	~	~	~	~
Prince George's	37	12.7	8.6	18.8	15	~	~	~	19	~	~	~
NORTHWEST REGION	28	13.2	8.7	19.6	24	~	~	~	~	~	~	~
Allegany	11	~	~	~	9	~	~	~	~	~	~	~
Frederick	11	~	~	~	11	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	18	~	~	~	13	~	~	~	~	~	~	~
Calvert	7	~	~	~	6	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

## Oral Cavity and Pharynx

**Table I.6. Number of Oral Cavity and Pharynx Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	161	5.6	4.7	6.5	113	5.4	4.4	6.5	40	5.5	3.9	7.6
BALTIMORE METRO REGION	80	5.7	4.5	7.1	54	5.3	3.9	6.9	23	~	~	~
Anne Arundel	13	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	30	8.3	5.6	11.9	11	~	~	~	19	~	~	~
Baltimore County	19	~	~	~	18	~	~	~	~	~	~	~
Carroll	6	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	~	~	~	~	~	~	~	~
Howard	6	~	~	~	6	~	~	~	~	~	~	~
EASTERN SHORE REGION	15	~	~	~	13	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	48	5.5	4.0	7.3	30	5.6	3.8	8.2	13	~	~	~
Montgomery	30	6.0	4.0	8.7	24	~	~	~	~	~	~	~
Prince George's	18	~	~	~	6	~	~	~	10	~	~	~
NORTHWEST REGION	12	~	~	~	12	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	7	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## *Esophagus*

**Table I.7. Number of Esophageal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	268	5.2	4.6	5.9	190	4.9	4.2	5.7	68	6.1	4.7	7.8
BALTIMORE METRO REGION	139	5.6	4.7	6.6	95	5.0	4.1	6.1	39	6.8	4.8	9.4
Anne Arundel	29	6.6	4.4	9.7	27	7.0	4.6	10.4	~	~	~	~
Baltimore City	43	6.6	4.8	8.9	13	~	~	~	30	7.7	5.2	11.2
Baltimore County	40	4.6	3.3	6.4	32	4.2	2.9	6.1	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	12	~	~	~	9	~	~	~	~	~	~	~
Howard	11	~	~	~	10	~	~	~	~	~	~	~
EASTERN SHORE REGION	33	7.1	4.9	10.2	23	~	~	~	9	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	6	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	9	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	66	4.5	3.4	5.7	44	4.7	3.4	6.4	18	~	~	~
Montgomery	38	4.6	3.2	6.3	31	4.7	3.2	6.8	~	~	~	~
Prince George's	28	4.1	2.7	6.1	13	~	~	~	14	~	~	~
NORTHWEST REGION	22	~	~	~	21	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	11	~	~	~	10	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	8	~	~	~	8	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## *Esophagus*

**Table I.8. Number of Esophageal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	204	9.2	8.0	10.6	150	8.8	7.5	10.4	46	9.8	7.0	13.7
BALTIMORE METRO REGION	103	9.7	7.9	11.9	73	9.0	7.0	11.4	26	10.9	7.0	17.0
Anne Arundel	23	~	~	~	23	~	~	~	~	~	~	~
Baltimore City	27	10.2	6.7	15.1	7	~	~	~	20	~	~	~
Baltimore County	31	8.6	5.8	12.4	24	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	9	~	~	~	6	~	~	~	~	~	~	~
Howard	9	~	~	~	9	~	~	~	~	~	~	~
EASTERN SHORE REGION	28	14.0	9.2	20.7	20	~	~	~	7	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	7	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	50	7.6	5.6	10.2	34	8.0	5.5	11.4	13	~	~	~
Montgomery	28	7.5	5.0	11.1	23	~	~	~	~	~	~	~
Prince George's	22	~	~	~	11	~	~	~	10	~	~	~
NORTHWEST REGION	17	~	~	~	17	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	7	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	6	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## *Esophagus*

**Table I.9. Number of Esophageal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	64	2.2	1.7	2.9	40	1.9	1.3	2.6	22	~	~	~
BALTIMORE METRO REGION	36	2.6	1.8	3.6	22	~	~	~	13	~	~	~
Anne Arundel	6	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	16	~	~	~	6	~	~	~	10	~	~	~
Baltimore County	9	~	~	~	8	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	16	~	~	~	10	~	~	~	~	~	~	~
Montgomery	10	~	~	~	8	~	~	~	~	~	~	~
Prince George's	6	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table I.10. Number of Stomach Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	347	6.9	6.2	7.6	205	5.3	4.6	6.1	104	10.1	8.2	12.4
BALTIMORE METRO REGION	184	7.4	6.4	8.6	111	5.9	4.8	7.1	62	11.7	8.9	15.1
Anne Arundel	36	8.4	5.9	11.9	31	8.4	5.7	12.1	~	~	~	~
Baltimore City	68	10.3	8.0	13.1	16	~	~	~	48	13.2	9.7	17.6
Baltimore County	49	5.7	4.2	7.6	38	5.1	3.6	7.2	8	~	~	~
Carroll	11	~	~	~	11	~	~	~	~	~	~	~
Harford	10	~	~	~	9	~	~	~	~	~	~	~
Howard	10	~	~	~	6	~	~	~	~	~	~	~
EASTERN SHORE REGION	29	6.3	4.2	9.2	20	~	~	~	8	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	6	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	9	~	~	~	7	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	92	6.3	5.0	7.7	42	4.3	3.1	5.9	28	7.1	4.5	11.0
Montgomery	62	7.1	5.4	9.2	36	5.1	3.5	7.2	7	~	~	~
Prince George's	30	4.9	3.3	7.3	6	~	~	~	21	~	~	~
NORTHWEST REGION	29	6.5	4.3	9.3	27	6.2	4.1	9.2	~	~	~	~
Allegany	6	~	~	~	6	~	~	~	~	~	~	~
Frederick	9	~	~	~	8	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	11	~	~	~	10	~	~	~	~	~	~	~
SOUTHERN REGION	13	~	~	~	~	~	~	~	~	~	~	~
Calvert	8	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table I.11. Number of Stomach Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	191	9.0	7.7	10.4	108	6.7	5.4	8.1	59	14.8	10.9	20.0
BALTIMORE METRO REGION	103	10.0	8.1	12.3	58	7.4	5.6	9.7	35	16.9	11.4	24.8
Anne Arundel	23	~	~	~	19	~	~	~	~	~	~	~
Baltimore City	37	14.3	10.0	20.0	7	~	~	~	27	18.9	12.2	28.8
Baltimore County	27	7.7	5.0	11.3	19	~	~	~	~	~	~	~
Carroll	7	~	~	~	7	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	6	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	18	~	~	~	11	~	~	~	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	47	7.8	5.7	10.7	19	~	~	~	16	~	~	~
Montgomery	28	7.8	5.2	11.5	15	~	~	~	~	~	~	~
Prince George's	19	~	~	~	~	~	~	~	14	~	~	~
NORTHWEST REGION	17	~	~	~	16	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	10	~	~	~	9	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table I.12. Number of Stomach Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	156	5.3	4.5	6.2	97	4.4	3.5	5.3	45	7.3	5.3	9.9
BALTIMORE METRO REGION	81	5.6	4.4	7.0	53	5.0	3.7	6.6	27	8.5	5.6	12.4
Anne Arundel	13	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	31	7.5	5.1	10.8	9	~	~	~	21	~	~	~
Baltimore County	22	~	~	~	19	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	7	~	~	~	6	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	11	~	~	~	9	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	45	5.2	3.8	7.0	23	~	~	~	12	~	~	~
Montgomery	34	6.5	4.5	9.3	21	~	~	~	~	~	~	~
Prince George's	11	~	~	~	~	~	~	~	7	~	~	~
NORTHWEST REGION	12	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	7	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Colon and Rectum**

**Table I.13. Number of Colon and Rectum Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	2665	52.5	50.6	54.6	1987	51.5	49.2	53.8	541	51.8	47.3	56.6
BALTIMORE METRO REGION	1392	56.0	53.1	59.1	1038	54.9	51.6	58.3	302	56.1	49.8	62.9
Anne Arundel	241	55.9	48.9	63.7	205	54.1	46.8	62.3	31	72.4	48.3	105.9
Baltimore City	347	52.6	47.2	58.5	176	63.7	54.4	74.6	163	44.7	38.0	52.2
Baltimore County	521	60.4	55.3	65.9	422	56.1	50.8	61.9	73	80.1	61.7	102.8
Carroll	85	60.2	48.0	74.7	79	57.6	45.5	72.1	~	~	~	~
Harford	106	55.2	45.0	67.3	92	52.0	41.7	64.3	9	~	~	~
Howard	92	48.5	38.7	60.2	64	42.8	32.7	55.3	21	~	~	~
EASTERN SHORE REGION	284	62.2	55.1	69.9	239	60.9	53.4	69.3	38	62.1	44.0	85.4
Caroline	28	88.3	58.6	128.8	25	~	~	~	~	~	~	~
Cecil	44	55.0	39.7	74.8	44	57.2	41.3	77.7	~	~	~	~
Dorchester	25	~	~	~	18	~	~	~	7	~	~	~
Kent	14	~	~	~	12	~	~	~	~	~	~	~
Queen Anne's	25	~	~	~	22	~	~	~	~	~	~	~
Somerset	11	~	~	~	10	~	~	~	~	~	~	~
Talbot	38	71.8	50.7	103.3	33	70.9	48.6	107.2	~	~	~	~
Wicomico	53	61.4	46.0	80.6	42	60.1	43.3	82.0	11	~	~	~
Worcester	46	68.7	50.0	94.3	33	55.5	37.9	81.9	7	~	~	~
NATIONAL CAPITAL REGION	595	40.7	37.4	44.2	357	37.2	33.5	41.3	168	41.6	34.9	49.4
Montgomery	336	38.9	34.8	43.4	250	36.1	31.8	41.0	37	44.8	30.9	63.3
Prince George's	259	42.9	37.6	48.8	107	40.7	33.3	49.4	131	40.2	32.8	49.1
NORTHWEST REGION	266	59.1	52.2	66.6	253	58.3	51.3	66.0	8	~	~	~
Allegany	55	57.4	43.1	76.1	54	57.7	43.1	76.8	~	~	~	~
Frederick	109	64.9	53.2	78.5	99	62.9	51.0	76.8	~	~	~	~
Garrett	17	~	~	~	17	~	~	~	~	~	~	~
Washington	85	57.5	45.9	71.4	83	57.7	46.0	72.0	~	~	~	~
SOUTHERN REGION	128	57.5	47.8	68.8	100	54.3	44.0	66.5	25	~	~	~
Calvert	36	60.6	42.1	84.8	30	61.1	41.0	88.2	~	~	~	~
Charles	46	50.8	36.7	69.0	31	41.7	28.0	60.5	13	~	~	~
Saint Mary's	46	64.2	46.8	86.5	39	63.8	45.2	88.3	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

## **Colon and Rectum**

**Table I.14. Number of Colon and Rectum Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1278	59.2	55.9	62.6	968	58.5	54.8	62.4	242	56.0	48.5	64.5
BALTIMORE METRO REGION	651	62.3	57.5	67.4	493	61.2	55.8	67.0	129	60.4	49.8	73.1
Anne Arundel	124	64.8	53.3	78.9	103	61.3	49.4	76.0	18	~	~	~
Baltimore City	148	57.7	48.7	68.1	73	65.8	51.5	83.5	72	52.7	40.7	67.7
Baltimore County	248	67.9	59.7	77.1	208	65.5	56.8	75.2	23	~	~	~
Carroll	37	65.0	45.0	91.9	34	60.1	41.0	86.3	~	~	~	~
Harford	51	60.9	44.2	83.8	46	59.9	42.6	83.9	~	~	~	~
Howard	43	47.7	33.3	68.0	29	42.4	27.3	64.6	11	~	~	~
EASTERN SHORE REGION	144	70.8	59.5	84.0	117	66.7	54.9	80.6	23	~	~	~
Caroline	18	~	~	~	15	~	~	~	~	~	~	~
Cecil	18	~	~	~	18	~	~	~	~	~	~	~
Dorchester	11	~	~	~	7	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	11	~	~	~	11	~	~	~	~	~	~	~
Somerset	7	~	~	~	6	~	~	~	~	~	~	~
Talbot	21	~	~	~	18	~	~	~	~	~	~	~
Wicomico	23	~	~	~	17	~	~	~	6	~	~	~
Worcester	30	96.4	64.3	143.0	21	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	292	47.8	42.2	53.9	183	45.4	39.0	52.7	75	44.2	33.3	59.1
Montgomery	171	47.3	40.3	55.2	131	45.0	37.6	53.7	16	~	~	~
Prince George's	121	47.2	38.4	58.0	52	46.2	34.2	61.7	59	42.6	30.4	60.6
NORTHWEST REGION	125	63.5	52.7	76.2	119	63.2	52.2	76.2	~	~	~	~
Allegany	23	~	~	~	22	~	~	~	~	~	~	~
Frederick	58	79.9	59.9	105.7	55	80.4	59.8	107.1	~	~	~	~
Garrett	6	~	~	~	6	~	~	~	~	~	~	~
Washington	38	58.9	41.6	82.2	36	58.2	40.6	81.8	~	~	~	~
SOUTHERN REGION	66	62.4	47.6	81.8	56	64.8	48.2	87.1	10	~	~	~
Calvert	15	~	~	~	12	~	~	~	~	~	~	~
Charles	26	57.4	36.5	92.1	22	~	~	~	~	~	~	~
Saint Mary's	25	~	~	~	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 Cancer Registry

## **Colon and Rectum**

**Table I.15. Number of Colon and Rectum Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1385	47.4	44.9	49.9	1018	46.0	43.2	48.9	298	48.1	42.7	54.0
BALTIMORE METRO REGION	740	51.1	47.4	54.9	545	49.9	45.7	54.3	172	52.5	44.9	61.0
Anne Arundel	117	48.9	40.4	58.8	102	48.5	39.5	59.1	13	~	~	~
Baltimore City	198	49.1	42.5	56.6	103	62.1	50.1	77.3	90	39.6	31.8	48.7
Baltimore County	273	54.2	47.9	61.3	214	48.9	42.4	56.3	50	95.9	70.3	128.5
Carroll	48	59.3	43.6	79.5	45	57.3	41.7	77.6	~	~	~	~
Harford	55	50.6	38.0	66.2	46	45.8	33.5	61.7	6	~	~	~
Howard	49	46.6	34.3	62.2	35	41.6	28.8	58.8	10	~	~	~
EASTERN SHORE REGION	140	54.5	45.8	64.7	122	55.8	46.2	67.0	15	~	~	~
Caroline	10	~	~	~	10	~	~	~	~	~	~	~
Cecil	26	59.5	38.8	87.8	26	61.8	40.4	91.3	~	~	~	~
Dorchester	14	~	~	~	11	~	~	~	~	~	~	~
Kent	9	~	~	~	8	~	~	~	~	~	~	~
Queen Anne's	14	~	~	~	11	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	17	~	~	~	15	~	~	~	~	~	~	~
Wicomico	30	56.7	38.2	82.2	25	~	~	~	~	~	~	~
Worcester	16	~	~	~	12	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	303	36.1	32.1	40.5	174	31.8	27.2	37.1	93	39.0	30.9	48.9
Montgomery	165	33.5	28.6	39.2	119	30.3	25.0	36.6	21	~	~	~
Prince George's	138	39.6	33.1	47.1	55	36.4	27.4	48.0	72	37.8	28.7	49.2
NORTHWEST REGION	141	54.5	45.8	64.5	134	53.4	44.7	63.5	~	~	~	~
Allegany	32	59.7	40.2	88.3	32	60.7	40.8	90.1	~	~	~	~
Frederick	51	53.8	40.0	71.0	44	49.6	35.9	66.9	~	~	~	~
Garrett	11	~	~	~	11	~	~	~	~	~	~	~
Washington	47	53.4	39.1	72.3	47	54.7	40.0	74.3	~	~	~	~
SOUTHERN REGION	61	51.3	39.1	66.1	43	44.5	32.1	60.3	15	~	~	~
Calvert	20	~	~	~	17	~	~	~	~	~	~	~
Charles	20	~	~	~	9	~	~	~	9	~	~	~
Saint Mary's	21	~	~	~	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

## Liver and Intrahepatic Bile Duct

**Table I.16. Number of Liver and Intrahepatic Bile Duct Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	221	4.2	3.7	4.8	133	3.4	2.9	4.1	69	5.7	4.4	7.3
BALTIMORE METRO REGION	125	4.9	4.0	5.8	75	3.9	3.0	4.9	45	7.5	5.5	10.2
Anne Arundel	20	~	~	~	16	~	~	~	~	~	~	~
Baltimore City	47	7.2	5.3	9.7	17	~	~	~	30	7.6	5.1	11.0
Baltimore County	36	4.3	3.0	5.9	24	~	~	~	10	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	8	~	~	~	~	~	~	~
Howard	9	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	20	~	~	~	17	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	49	3.2	2.4	4.3	18	~	~	~	17	~	~	~
Montgomery	28	3.2	2.1	4.7	12	~	~	~	~	~	~	~
Prince George's	21	~	~	~	6	~	~	~	13	~	~	~
NORTHWEST REGION	15	~	~	~	14	~	~	~	~	~	~	~
Allegany	7	~	~	~	7	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	12	~	~	~	9	~	~	~	~	~	~	~
Calvert	6	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Liver and Intrahepatic Bile Duct

**Table I.17. Number of Liver and Intrahepatic Bile Duct Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	165	7.0	6.0	8.3	100	5.8	4.7	7.1	52	10.2	7.4	14.1
BALTIMORE METRO REGION	96	8.4	6.8	10.4	57	6.5	4.9	8.6	36	14.9	10.2	21.9
Anne Arundel	16	~	~	~	13	~	~	~	~	~	~	~
Baltimore City	32	11.5	7.8	16.5	8	~	~	~	24	~	~	~
Baltimore County	27	7.5	4.9	11.1	19	~	~	~	8	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	8	~	~	~	~	~	~	~
Howard	9	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	15	~	~	~	13	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	35	5.2	3.6	7.5	12	~	~	~	13	~	~	~
Montgomery	20	~	~	~	7	~	~	~	~	~	~	~
Prince George's	15	~	~	~	~	~	~	~	9	~	~	~
NORTHWEST REGION	11	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Liver and Intrahepatic Bile Duct

**Table I.18. Number of Liver and Intrahepatic Bile Duct Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	56	1.9	1.5	2.5	33	1.5	1.0	2.2	17	~	~	~
BALTIMORE METRO REGION	29	2.0	1.3	2.9	18	~	~	~	9	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	15	~	~	~	9	~	~	~	6	~	~	~
Baltimore County	9	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	14	~	~	~	6	~	~	~	~	~	~	~
Montgomery	8	~	~	~	~	~	~	~	~	~	~	~
Prince George's	6	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Pancreas

**Table I.19. Number of Pancreatic Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	486	9.6	8.7	10.5	354	9.2	8.2	10.2	120	11.6	9.6	14.1
BALTIMORE METRO REGION	255	10.2	9.0	11.6	184	9.7	8.4	11.2	67	12.6	9.7	16.2
Anne Arundel	46	10.4	7.6	14.1	39	9.7	6.9	13.5	6	~	~	~
Baltimore City	77	11.8	9.3	14.8	32	12.0	8.2	17.7	44	12.0	8.7	16.3
Baltimore County	89	10.3	8.3	12.8	74	9.9	7.7	12.6	13	~	~	~
Carroll	8	~	~	~	8	~	~	~	~	~	~	~
Harford	15	~	~	~	15	~	~	~	~	~	~	~
Howard	20	~	~	~	16	~	~	~	~	~	~	~
EASTERN SHORE REGION	48	10.4	7.7	13.9	37	9.3	6.5	13.0	11	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	8	~	~	~	8	~	~	~	~	~	~	~
Dorchester	6	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	9	~	~	~	6	~	~	~	~	~	~	~
Worcester	7	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	120	8.4	6.9	10.0	74	7.7	6.1	9.8	39	9.3	6.4	13.4
Montgomery	74	8.8	6.9	11.1	57	8.3	6.3	10.9	10	~	~	~
Prince George's	46	7.5	5.4	10.2	17	~	~	~	29	8.8	5.6	13.6
NORTHWEST REGION	39	8.7	6.2	11.9	38	8.8	6.2	12.1	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	18	~	~	~	18	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	13	~	~	~	12	~	~	~	~	~	~	~
SOUTHERN REGION	22	~	~	~	19	~	~	~	~	~	~	~
Calvert	6	~	~	~	6	~	~	~	~	~	~	~
Charles	8	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	8	~	~	~	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

## Pancreas

**Table I.20. Number of Pancreatic Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	220	10.0	8.7	11.5	170	10.1	8.6	11.8	45	10.5	7.4	14.9
BALTIMORE METRO REGION	109	10.1	8.3	12.3	84	10.1	8.0	12.6	23	~	~	~
Anne Arundel	25	~	~	~	21	~	~	~	~	~	~	~
Baltimore City	25	~	~	~	9	~	~	~	15	~	~	~
Baltimore County	38	10.5	7.4	14.6	35	11.1	7.7	15.6	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	8	~	~	~	~	~	~	~
Howard	10	~	~	~	8	~	~	~	~	~	~	~
EASTERN SHORE REGION	25	~	~	~	19	~	~	~	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	51	8.3	6.1	11.2	34	8.6	5.9	12.1	15	~	~	~
Montgomery	33	9.2	6.3	13.2	27	9.4	6.2	14.0	~	~	~	~
Prince George's	18	~	~	~	7	~	~	~	11	~	~	~
NORTHWEST REGION	19	~	~	~	18	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	9	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	15	~	~	~	14	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	6	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Pancreas

**Table I.21. Number of Pancreatic Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	266	9.2	8.1	10.4	184	8.4	7.2	9.7	75	12.4	9.7	15.6
BALTIMORE METRO REGION	146	10.2	8.6	12.0	100	9.3	7.6	11.4	44	13.6	9.9	18.3
Anne Arundel	21	~	~	~	18	~	~	~	~	~	~	~
Baltimore City	52	13.0	9.7	17.2	23	~	~	~	29	12.8	8.5	18.4
Baltimore County	51	10.3	7.7	13.8	39	9.2	6.5	13.0	10	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	7	~	~	~	7	~	~	~	~	~	~	~
Howard	10	~	~	~	8	~	~	~	~	~	~	~
EASTERN SHORE REGION	23	~	~	~	18	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	69	8.5	6.6	10.8	40	7.1	5.1	9.9	24	~	~	~
Montgomery	41	8.4	6.0	11.6	30	7.3	4.9	10.9	6	~	~	~
Prince George's	28	8.2	5.4	12.1	10	~	~	~	18	~	~	~
NORTHWEST REGION	20	~	~	~	20	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	9	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	8	~	~	~	8	~	~	~	~	~	~	~
SOUTHERN REGION	7	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Larynx

**Table I.22. Number of Laryngeal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	201	3.9	3.4	4.5	137	3.5	3.0	4.2	61	5.1	3.9	6.7
BALTIMORE METRO REGION	109	4.3	3.5	5.2	75	3.9	3.1	5.0	34	5.7	3.9	8.1
Anne Arundel	22	~	~	~	15	~	~	~	7	~	~	~
Baltimore City	43	6.6	4.8	8.9	21	~	~	~	22	~	~	~
Baltimore County	31	3.5	2.4	5.1	27	3.6	2.4	5.4	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	20	~	~	~	14	~	~	~	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	39	2.7	1.9	3.7	18	~	~	~	19	~	~	~
Montgomery	17	~	~	~	12	~	~	~	~	~	~	~
Prince George's	22	~	~	~	6	~	~	~	16	~	~	~
NORTHWEST REGION	23	~	~	~	23	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	11	~	~	~	11	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Larynx

**Table I.23. Number of Laryngeal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	149	6.6	5.5	7.8	98	5.8	4.7	7.1	48	9.5	6.9	13.3
BALTIMORE METRO REGION	80	7.2	5.7	9.0	53	6.3	4.7	8.3	27	10.9	7.1	16.9
Anne Arundel	15	~	~	~	11	~	~	~	~	~	~	~
Baltimore City	34	12.4	8.6	17.6	16	~	~	~	18	~	~	~
Baltimore County	23	~	~	~	19	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	14	~	~	~	11	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	32	5.0	3.4	7.3	14	~	~	~	16	~	~	~
Montgomery	14	~	~	~	9	~	~	~	~	~	~	~
Prince George's	18	~	~	~	~	~	~	~	13	~	~	~
NORTHWEST REGION	15	~	~	~	15	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Larynx

**Table I.24. Number of Laryngeal Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	52	1.8	1.4	2.4	39	1.8	1.3	2.5	13	~	~	~
BALTIMORE METRO REGION	29	2.0	1.4	3.0	22	~	~	~	7	~	~	~
Anne Arundel	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	9	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	8	~	~	~	8	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	6	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	7	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	8	~	~	~	8	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Lung and Bronchus

**Table I.25. Number of Lung and Bronchus Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	3190	62.5	60.4	64.7	2433	63.1	60.6	65.7	694	63.6	58.8	68.7
BALTIMORE METRO REGION	1770	70.6	67.4	74.0	1307	69.1	65.4	73.0	443	78.1	70.9	85.9
Anne Arundel	307	69.3	61.6	77.7	281	72.0	63.7	81.1	22	~	~	~
Baltimore City	570	87.2	80.2	94.7	238	87.9	76.9	100.5	327	85.7	76.6	95.7
Baltimore County	592	69.1	63.6	75.0	522	70.7	64.7	77.2	62	70.2	53.0	91.8
Carroll	76	53.4	42.0	67.2	76	55.0	43.2	69.1	~	~	~	~
Harford	145	72.0	60.6	85.2	132	71.1	59.4	84.7	12	~	~	~
Howard	80	43.9	34.5	55.2	58	40.8	30.8	53.3	20	~	~	~
EASTERN SHORE REGION	374	80.7	72.7	89.4	317	79.6	71.0	89.0	51	81.9	60.9	107.8
Caroline	21	65.6	40.6	101.5	18	~	~	~	~	~	~	~
Cecil	55	68.5	51.4	90.0	54	70.4	52.8	92.7	~	~	~	~
Dorchester	30	74.1	49.9	108.9	20	~	~	~	10	~	~	~
Kent	19	~	~	~	17	~	~	~	~	~	~	~
Queen Anne's	32	72.7	49.6	104.9	26	65.6	42.7	99.0	~	~	~	~
Somerset	27	99.6	65.6	148.5	22	~	~	~	~	~	~	~
Talbot	37	74.2	51.7	107.4	31	68.3	46.2	104.4	6	~	~	~
Wicomico	83	95.2	75.8	118.2	70	100.4	78.3	127.6	12	~	~	~
Worcester	70	99.5	77.1	128.3	59	96.7	73.1	128.7	8	~	~	~
NATIONAL CAPITAL REGION	585	40.3	37.1	43.8	387	40.6	36.7	44.9	166	42.1	35.4	50.0
Montgomery	306	36.0	32.1	40.3	255	37.3	32.8	42.3	30	33.0	21.9	48.7
Prince George's	279	46.6	41.1	52.7	132	48.6	40.7	57.9	136	45.7	37.5	55.5
NORTHWEST REGION	309	68.8	61.4	77.0	296	68.4	60.8	76.7	11	~	~	~
Allegany	76	76.9	60.4	97.6	76	78.6	61.7	99.8	~	~	~	~
Frederick	99	58.4	47.4	71.4	91	56.9	45.7	70.1	7	~	~	~
Garrett	22	~	~	~	22	~	~	~	~	~	~	~
Washington	112	76.8	63.2	92.7	107	75.7	62.1	91.9	~	~	~	~
SOUTHERN REGION	151	67.1	56.6	79.1	126	68.8	57.1	82.3	22	~	~	~
Calvert	46	77.8	56.7	104.6	42	83.0	59.5	113.1	~	~	~	~
Charles	65	69.2	52.9	89.6	48	66.4	48.5	89.5	15	~	~	~
Saint Mary's	40	55.0	39.2	75.9	36	58.9	41.0	82.6	~	~	~	~

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

## Lung and Bronchus

**Table I.26. Number of Lung and Bronchus Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1713	78.3	74.5	82.2	1297	77.3	73.1	81.7	385	87.6	78.3	97.9
BALTIMORE METRO REGION	940	88.3	82.6	94.3	690	84.1	77.9	90.8	241	108.6	94.7	124.6
Anne Arundel	159	84.1	70.8	99.8	142	84.1	70.2	100.7	15	~	~	~
Baltimore City	300	113.1	100.6	127.0	123	107.7	89.4	129.3	174	118.2	100.7	138.6
Baltimore County	320	86.8	77.5	97.0	280	87.6	77.6	98.7	37	95.2	65.0	140.6
Carroll	43	72.8	52.1	100.3	43	74.9	53.6	103.2	~	~	~	~
Harford	82	94.4	74.4	120.1	76	93.8	73.3	120.5	6	~	~	~
Howard	36	47.7	32.4	69.2	26	45.1	28.5	69.1	9	~	~	~
EASTERN SHORE REGION	195	95.0	82.0	109.9	165	93.0	79.1	109.0	27	100.1	65.5	148.6
Caroline	13	~	~	~	12	~	~	~	~	~	~	~
Cecil	32	86.3	57.6	128.9	31	88.4	58.7	132.7	~	~	~	~
Dorchester	14	~	~	~	8	~	~	~	6	~	~	~
Kent	10	~	~	~	9	~	~	~	~	~	~	~
Queen Anne's	16	~	~	~	13	~	~	~	~	~	~	~
Somerset	15	~	~	~	11	~	~	~	~	~	~	~
Talbot	19	~	~	~	17	~	~	~	~	~	~	~
Wicomico	38	100.1	70.4	141.5	31	103.0	69.6	150.9	7	~	~	~
Worcester	38	119.6	83.2	170.3	33	117.8	79.0	174.9	~	~	~	~
NATIONAL CAPITAL REGION	294	46.3	41.0	52.2	185	44.6	38.3	51.6	92	53.4	41.4	69.4
Montgomery	143	38.4	32.3	45.4	115	38.7	31.9	46.7	16	~	~	~
Prince George's	151	59.2	49.3	71.0	70	60.1	46.6	77.1	76	58.1	43.2	78.9
NORTHWEST REGION	186	96.1	82.6	111.4	176	94.3	80.7	109.8	9	~	~	~
Allegany	43	102.2	73.8	139.9	43	104.6	75.6	143.5	~	~	~	~
Frederick	65	87.5	66.8	114.0	58	82.8	62.1	109.5	6	~	~	~
Garrett	14	~	~	~	14	~	~	~	~	~	~	~
Washington	64	100.7	77.4	129.7	61	98.7	75.4	128.0	~	~	~	~
SOUTHERN REGION	97	100.4	80.3	125.2	81	103.0	80.6	131.2	15	~	~	~
Calvert	30	124.1	81.4	185.0	28	137.9	88.7	209.2	~	~	~	~
Charles	46	113.9	80.6	161.1	34	107.0	71.7	160.0	11	~	~	~
Saint Mary's	21	~	~	~	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 Cancer Registry

## Lung and Bronchus

**Table I.27. Number of Lung and Bronchus Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1477	51.2	48.6	53.9	1136	52.8	49.7	56.0	309	48.1	42.8	53.9
BALTIMORE METRO REGION	830	58.6	54.6	62.7	617	58.5	54.0	63.4	202	59.6	51.6	68.5
Anne Arundel	148	60.4	51.0	71.1	139	64.7	54.4	76.7	7	~	~	~
Baltimore City	270	70.3	62.2	79.4	115	72.9	59.6	89.4	153	66.8	56.6	78.3
Baltimore County	272	55.9	49.4	63.1	242	58.1	50.9	66.4	25	~	~	~
Carroll	33	41.5	28.5	59.1	33	42.7	29.3	60.8	~	~	~	~
Harford	63	56.1	43.1	72.2	56	54.5	41.1	71.3	6	~	~	~
Howard	44	43.3	31.2	58.7	32	40.9	27.8	58.5	11	~	~	~
EASTERN SHORE REGION	179	70.4	60.4	81.8	152	70.3	59.5	82.8	24	~	~	~
Caroline	8	~	~	~	6	~	~	~	~	~	~	~
Cecil	23	~	~	~	23	~	~	~	~	~	~	~
Dorchester	16	~	~	~	12	~	~	~	~	~	~	~
Kent	9	~	~	~	8	~	~	~	~	~	~	~
Queen Anne's	16	~	~	~	13	~	~	~	~	~	~	~
Somerset	12	~	~	~	11	~	~	~	~	~	~	~
Talbot	18	~	~	~	14	~	~	~	~	~	~	~
Wicomico	45	91.2	66.4	122.9	39	99.8	70.8	138.7	~	~	~	~
Worcester	32	87.3	59.1	129.4	26	84.7	54.4	133.7	~	~	~	~
NATIONAL CAPITAL REGION	291	35.3	31.3	39.6	202	37.0	32.0	42.6	74	33.8	26.1	43.4
Montgomery	163	33.4	28.4	39.1	140	35.1	29.5	41.8	14	~	~	~
Prince George's	128	37.8	31.4	45.2	62	41.1	31.5	53.4	60	36.4	27.1	48.3
NORTHWEST REGION	123	48.8	40.5	58.4	120	49.3	40.8	59.3	~	~	~	~
Allegany	33	59.2	40.1	87.4	33	60.2	40.8	89.2	~	~	~	~
Frederick	34	36.0	24.9	50.5	33	37.0	25.4	52.4	~	~	~	~
Garrett	8	~	~	~	8	~	~	~	~	~	~	~
Washington	48	60.9	44.8	81.8	46	59.9	43.7	81.2	~	~	~	~
SOUTHERN REGION	54	43.6	32.6	57.2	45	44.9	32.6	60.4	7	~	~	~
Calvert	16	~	~	~	14	~	~	~	~	~	~	~
Charles	19	~	~	~	14	~	~	~	~	~	~	~
Saint Mary's	19	~	~	~	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

## Melanomas of the Skin

**Table I.28. Number of Melanomas of the Skin Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	991	18.6	17.4	19.8	856	22.4	20.9	23.9	16	~	~	~
BALTIMORE METRO REGION	532	20.8	19.1	22.7	477	25.5	23.2	27.9	~	~	~	~
Anne Arundel	110	22.2	18.2	27.0	88	20.8	16.6	25.8	~	~	~	~
Baltimore City	61	9.3	7.1	11.9	53	20.1	15.0	27.0	~	~	~	~
Baltimore County	221	26.5	23.1	30.3	209	30.6	26.5	35.2	~	~	~	~
Carroll	37	23.5	16.4	32.9	32	21.1	14.3	30.4	~	~	~	~
Harford	51	24.6	18.2	32.9	49	26.4	19.4	35.5	~	~	~	~
Howard	52	22.5	16.5	30.2	46	25.1	18.1	34.2	~	~	~	~
EASTERN SHORE REGION	135	30.6	25.7	36.4	122	32.8	27.2	39.3	~	~	~	~
Caroline	11	~	~	~	10	~	~	~	~	~	~	~
Cecil	16	~	~	~	14	~	~	~	~	~	~	~
Dorchester	9	~	~	~	8	~	~	~	~	~	~	~
Kent	6	~	~	~	6	~	~	~	~	~	~	~
Queen Anne's	13	~	~	~	11	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	15	~	~	~	13	~	~	~	~	~	~	~
Wicomico	45	53.1	38.7	71.3	45	68.5	49.9	92.4	~	~	~	~
Worcester	15	~	~	~	10	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	178	11.1	9.5	12.9	128	13.7	11.4	16.3	8	~	~	~
Montgomery	134	15.0	12.5	17.8	98	14.7	11.9	18.0	~	~	~	~
Prince George's	44	6.1	4.4	8.4	30	11.6	7.8	16.7	7	~	~	~
NORTHWEST REGION	102	22.5	18.3	27.3	97	22.6	18.3	27.7	~	~	~	~
Allegany	15	~	~	~	15	~	~	~	~	~	~	~
Frederick	47	24.9	18.2	33.4	44	24.9	18.0	33.8	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	36	25.4	17.8	35.5	34	25.7	17.8	36.3	~	~	~	~
SOUTHERN REGION	41	15.2	10.8	21.1	31	14.5	9.8	21.0	~	~	~	~
Calvert	11	~	~	~	7	~	~	~	~	~	~	~
Charles	14	~	~	~	13	~	~	~	~	~	~	~
Saint Mary's	16	~	~	~	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 Cancer Registry

## Melanomas of the Skin

**Table I.29. Number of Melanomas of the Skin Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	561	23.7	21.8	25.9	487	27.8	25.3	30.4	9	~	~	~
BALTIMORE METRO REGION	295	26.3	23.3	29.7	265	31.3	27.6	35.5	~	~	~	~
Anne Arundel	69	30.4	23.4	39.8	55	28.3	21.0	38.3	~	~	~	~
Baltimore City	28	11.0	7.3	16.2	27	23.8	15.7	35.6	~	~	~	~
Baltimore County	121	32.8	27.2	39.4	114	36.5	30.0	44.1	~	~	~	~
Carroll	24	~	~	~	20	~	~	~	~	~	~	~
Harford	23	~	~	~	22	~	~	~	~	~	~	~
Howard	30	29.4	19.0	45.7	27	32.6	20.6	51.4	~	~	~	~
EASTERN SHORE REGION	85	41.4	33.0	51.7	76	43.3	34.0	54.8	~	~	~	~
Caroline	10	~	~	~	9	~	~	~	~	~	~	~
Cecil	9	~	~	~	8	~	~	~	~	~	~	~
Dorchester	6	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	9	~	~	~	8	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	8	~	~	~	7	~	~	~	~	~	~	~
Wicomico	26	65.6	42.8	100.3	26	82.0	53.5	124.8	~	~	~	~
Worcester	9	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	92	12.8	10.3	16.0	67	15.3	11.9	19.6	~	~	~	~
Montgomery	65	16.0	12.3	20.6	50	16.2	12.0	21.6	~	~	~	~
Prince George's	27	8.7	5.5	13.9	17	~	~	~	~	~	~	~
NORTHWEST REGION	62	29.4	22.4	38.2	59	29.8	22.6	39.0	~	~	~	~
Allegany	7	~	~	~	7	~	~	~	~	~	~	~
Frederick	32	35.9	24.2	53.3	29	34.6	22.9	52.4	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	19	~	~	~	19	~	~	~	~	~	~	~
SOUTHERN REGION	25	~	~	~	20	~	~	~	~	~	~	~
Calvert	6	~	~	~	~	~	~	~	~	~	~	~
Charles	10	~	~	~	10	~	~	~	~	~	~	~
Saint Mary's	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 Cancer Registry

## Melanomas of the Skin

**Table I.30. Number of Melanomas of the Skin Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	430	14.9	13.5	16.4	369	18.5	16.6	20.5	7	~	~	~
BALTIMORE METRO REGION	237	17.0	14.9	19.3	212	21.4	18.6	24.6	~	~	~	~
Anne Arundel	41	15.8	11.3	21.7	33	14.9	10.3	21.3	~	~	~	~
Baltimore City	33	8.7	6.0	12.4	26	18.8	12.0	29.4	~	~	~	~
Baltimore County	100	22.1	18.0	27.1	95	26.6	21.4	33.0	~	~	~	~
Carroll	13	~	~	~	12	~	~	~	~	~	~	~
Harford	28	25.4	16.8	37.3	27	27.6	18.1	40.8	~	~	~	~
Howard	22	~	~	~	19	~	~	~	~	~	~	~
EASTERN SHORE REGION	50	22.6	16.7	30.1	46	25.1	18.3	33.9	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	7	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	7	~	~	~	6	~	~	~	~	~	~	~
Wicomico	19	~	~	~	19	~	~	~	~	~	~	~
Worcester	6	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	86	9.7	7.8	12.1	61	12.6	9.6	16.3	~	~	~	~
Montgomery	69	14.2	11.0	18.2	48	13.7	10.0	18.5	~	~	~	~
Prince George's	17	~	~	~	13	~	~	~	~	~	~	~
NORTHWEST REGION	40	17.1	12.2	23.4	38	16.9	11.9	23.4	~	~	~	~
Allegany	8	~	~	~	8	~	~	~	~	~	~	~
Frederick	15	~	~	~	15	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	17	~	~	~	15	~	~	~	~	~	~	~
SOUTHERN REGION	16	~	~	~	11	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

## **Malignant Breast**

**Table I.31. Number of Malignant Breast Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	3551	121.6	117.6	125.7	2581	123.4	118.7	128.3	787	109.4	101.7	117.6
BALTIMORE METRO REGION	1802	127.7	121.8	133.7	1338	130.4	123.5	137.7	412	116.9	105.8	128.8
Anne Arundel	308	120.1	107.0	134.5	263	118.2	104.3	133.7	32	111.1	75.0	160.7
Baltimore City	485	129.7	118.4	142.0	210	150.8	130.2	174.6	262	114.6	101.2	129.4
Baltimore County	602	130.1	119.9	141.2	511	132.9	121.4	145.4	77	111.8	86.9	142.7
Carroll	112	137.6	113.2	166.4	106	134.0	109.5	162.9	~	~	~	~
Harford	160	136.3	115.9	159.7	139	130.9	110.0	155.2	18	~	~	~
Howard	135	106.4	88.7	127.0	109	109.8	89.6	133.9	20	~	~	~
EASTERN SHORE REGION	318	132.9	118.6	148.6	271	133.3	117.8	150.6	41	121.2	86.9	165.4
Caroline	21	~	~	~	19	~	~	~	~	~	~	~
Cecil	45	100.8	73.5	135.5	44	102.8	74.6	138.7	~	~	~	~
Dorchester	33	163.4	111.5	236.6	26	164.6	105.9	255.8	7	~	~	~
Kent	11	~	~	~	9	~	~	~	~	~	~	~
Queen Anne's	30	125.4	84.6	184.5	28	130.6	86.7	195.1	~	~	~	~
Somerset	19	~	~	~	9	~	~	~	9	~	~	~
Talbot	47	175.3	127.5	244.4	43	185.2	132.5	266.0	~	~	~	~
Wicomico	70	146.0	113.7	185.3	55	145.8	109.5	192.0	13	~	~	~
Worcester	42	125.5	89.1	176.0	38	133.4	92.5	192.7	~	~	~	~
NATIONAL CAPITAL REGION	974	108.8	102.0	116.0	568	109.1	100.3	118.7	290	95.7	84.1	108.8
Montgomery	569	113.6	104.4	123.5	426	111.4	101.0	122.9	61	94.7	71.5	124.3
Prince George's	405	101.7	91.8	112.4	142	103.9	87.4	123.1	229	96.1	82.9	111.4
NORTHWEST REGION	296	121.7	108.2	136.6	277	118.7	105.0	133.8	17	~	~	~
Allegany	47	98.1	70.8	134.8	45	94.4	67.5	131.0	~	~	~	~
Frederick	116	115.1	95.0	138.5	102	108.5	88.4	132.2	13	~	~	~
Garrett	24	~	~	~	24	~	~	~	~	~	~	~
Washington	109	144.6	118.5	175.4	106	145.2	118.7	176.8	~	~	~	~
SOUTHERN REGION	159	115.4	98.0	135.3	125	112.8	93.7	134.9	27	108.5	70.7	161.9
Calvert	53	136.0	101.5	179.7	44	133.0	96.2	180.8	8	~	~	~
Charles	65	111.0	85.2	143.1	47	107.1	78.3	144.1	14	~	~	~
Saint Mary's	41	103.2	73.9	140.9	34	101.8	70.3	143.4	~	~	~	~

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

*in situ* Breast

**Table I.32. Number of *in situ* Breast Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	914	31.4	29.4	33.5	647	31.5	29.1	34.1	205	29.0	25.1	33.4
BALTIMORE METRO REGION	500	35.7	32.6	39.0	342	34.0	30.5	37.9	131	37.3	31.1	44.3
Anne Arundel	103	39.5	32.2	48.1	88	39.1	31.3	48.4	9	~	~	~
Baltimore City	111	30.4	25.0	36.7	26	21.6	14.0	33.0	80	34.9	27.7	43.5
Baltimore County	184	40.8	35.1	47.3	144	39.3	33.1	46.7	31	44.4	29.5	65.6
Carroll	25	~	~	~	23	~	~	~	~	~	~	~
Harford	36	30.0	21.0	42.1	32	29.5	20.2	42.4	~	~	~	~
Howard	41	30.7	21.9	42.7	29	27.1	17.9	40.3	6	~	~	~
EASTERN SHORE REGION	85	36.5	29.1	45.4	69	34.9	27.1	44.5	13	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	13	~	~	~	12	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	8	~	~	~	7	~	~	~	~	~	~	~
Somerset	6	~	~	~	6	~	~	~	~	~	~	~
Talbot	11	~	~	~	9	~	~	~	~	~	~	~
Wicomico	19	~	~	~	12	~	~	~	6	~	~	~
Worcester	14	~	~	~	14	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	226	25.4	22.2	29.0	141	27.4	23.1	32.5	54	19.5	14.3	26.4
Montgomery	157	31.8	27.0	37.3	119	31.9	26.4	38.5	12	~	~	~
Prince George's	69	17.2	13.3	22.0	22	~	~	~	42	19.1	13.3	27.1
NORTHWEST REGION	63	27.1	20.8	34.8	62	27.9	21.4	36.0	~	~	~	~
Allegany	8	~	~	~	8	~	~	~	~	~	~	~
Frederick	32	32.6	22.3	46.4	31	34.1	23.1	48.9	~	~	~	~
Garrett	7	~	~	~	7	~	~	~	~	~	~	~
Washington	16	~	~	~	16	~	~	~	~	~	~	~
SOUTHERN REGION	40	29.1	20.7	40.0	33	30.1	20.6	42.7	6	~	~	~
Calvert	13	~	~	~	12	~	~	~	~	~	~	~
Charles	15	~	~	~	10	~	~	~	~	~	~	~
Saint Mary's	12	~	~	~	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 Cancer Registry

## Cervix

**Table I.33. Number of Cervical Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	205	7.0	6.1	8.0	107	5.4	4.5	6.6	63	8.2	6.2	10.6
BALTIMORE METRO REGION	105	7.6	6.2	9.2	56	5.8	4.4	7.6	35	9.6	6.7	13.5
Anne Arundel	21	~	~	~	17	~	~	~	~	~	~	~
Baltimore City	39	11.2	8.0	15.4	11	~	~	~	25	~	~	~
Baltimore County	24	~	~	~	18	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	~	~	~	~	~	~	~	~
Howard	10	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	9	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	68	7.2	5.6	9.2	26	5.3	3.4	7.9	25	~	~	~
Montgomery	36	7.1	5.0	10.0	18	~	~	~	7	~	~	~
Prince George's	32	7.4	5.0	10.8	8	~	~	~	18	~	~	~
NORTHWEST REGION	13	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## ***Uterus***

**Table I.34. Number of Uterine Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	585	20.2	18.6	21.9	442	21.0	19.1	23.1	108	16.4	13.4	19.9
BALTIMORE METRO REGION	297	21.1	18.7	23.6	229	22.3	19.5	25.4	53	15.6	11.6	20.4
Anne Arundel	48	18.9	13.9	25.3	39	17.5	12.4	24.2	~	~	~	~
Baltimore City	70	18.4	14.3	23.4	31	22.5	15.1	33.6	36	15.7	11.0	21.8
Baltimore County	111	23.6	19.4	28.6	100	25.5	20.6	31.4	8	~	~	~
Carroll	18	~	~	~	17	~	~	~	~	~	~	~
Harford	22	~	~	~	21	~	~	~	~	~	~	~
Howard	28	22.8	14.9	33.9	21	~	~	~	~	~	~	~
EASTERN SHORE REGION	58	23.3	17.6	30.4	48	22.6	16.6	30.4	10	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	10	~	~	~	9	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	7	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	9	~	~	~	8	~	~	~	~	~	~	~
Wicomico	14	~	~	~	12	~	~	~	~	~	~	~
Worcester	10	~	~	~	7	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	145	16.9	14.2	19.9	90	16.9	13.6	21.0	38	15.5	10.7	22.2
Montgomery	78	15.8	12.5	19.9	56	14.5	11.0	19.3	10	~	~	~
Prince George's	67	18.4	14.2	23.6	34	23.0	15.9	32.8	28	15.1	9.7	23.0
NORTHWEST REGION	57	23.7	17.9	30.9	55	23.8	17.9	31.2	~	~	~	~
Allegany	12	~	~	~	12	~	~	~	~	~	~	~
Frederick	18	~	~	~	17	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	22	~	~	~	21	~	~	~	~	~	~	~
SOUTHERN REGION	28	20.8	13.7	30.4	20	~	~	~	6	~	~	~
Calvert	8	~	~	~	6	~	~	~	~	~	~	~
Charles	7	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	13	~	~	~	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

## Ovary

**Table I.35. Number of Ovarian Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	313	10.8	9.6	12.0	235	11.3	9.9	12.9	59	8.9	6.7	11.6
BALTIMORE METRO REGION	163	11.6	9.9	13.6	130	12.7	10.6	15.1	30	8.7	5.9	12.5
Anne Arundel	40	16.3	11.6	22.3	35	16.2	11.3	22.8	~	~	~	~
Baltimore City	35	9.3	6.5	13.1	14	~	~	~	20	~	~	~
Baltimore County	57	12.6	9.5	16.4	53	14.4	10.7	19.2	~	~	~	~
Carroll	8	~	~	~	8	~	~	~	~	~	~	~
Harford	14	~	~	~	12	~	~	~	~	~	~	~
Howard	9	~	~	~	8	~	~	~	~	~	~	~
EASTERN SHORE REGION	22	~	~	~	18	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	8	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	85	9.7	7.8	12.1	49	9.4	6.9	12.5	21	~	~	~
Montgomery	57	11.5	8.7	15.0	40	10.6	7.6	14.9	7	~	~	~
Prince George's	28	8.0	5.3	11.8	9	~	~	~	14	~	~	~
NORTHWEST REGION	32	13.7	9.3	19.5	30	13.4	9.1	19.4	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	13	~	~	~	13	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	10	~	~	~	~	~	~	~
SOUTHERN REGION	11	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Prostate

**Table I.36. Number of Prostate Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	3843	170.7	165.2	176.3	2628	153.0	147.2	159.1	962	210.0	196.1	224.9
BALTIMORE METRO REGION	1927	177.8	169.9	186.1	1310	157.1	148.6	166.0	516	227.5	207.6	249.4
Anne Arundel	292	141.8	125.3	160.6	243	132.7	115.9	152.1	39	199.6	137.2	291.1
Baltimore City	498	187.6	171.4	205.1	158	139.3	118.4	163.6	313	212.4	188.9	238.8
Baltimore County	679	184.7	171.0	199.3	522	163.4	149.6	178.3	120	278.9	228.7	342.4
Carroll	124	187.3	155.0	225.9	117	182.6	150.2	221.4	~	~	~	~
Harford	184	212.4	181.2	249.1	159	200.2	168.7	237.8	16	~	~	~
Howard	150	163.4	136.5	195.5	111	143.3	116.3	176.5	24	~	~	~
EASTERN SHORE REGION	316	149.7	133.5	167.7	251	136.9	120.3	155.6	57	212.3	160.4	277.7
Caroline	16	~	~	~	11	~	~	~	~	~	~	~
Cecil	45	122.5	87.3	171.3	40	117.0	81.6	166.8	~	~	~	~
Dorchester	25	~	~	~	19	~	~	~	6	~	~	~
Kent	17	~	~	~	11	~	~	~	~	~	~	~
Queen Anne's	42	188.7	135.1	261.5	37	181.5	127.0	258.4	~	~	~	~
Somerset	11	~	~	~	~	~	~	~	6	~	~	~
Talbot	45	191.8	139.7	264.1	38	178.8	126.4	258.1	6	~	~	~
Wicomico	52	132.2	98.7	177.1	36	112.9	79.0	160.7	15	~	~	~
Worcester	63	192.2	146.0	252.0	54	182.8	135.3	247.6	8	~	~	~
NATIONAL CAPITAL REGION	1094	166.8	156.8	177.4	633	150.9	139.3	163.3	341	180.4	159.3	205.0
Montgomery	610	163.2	150.4	177.0	454	152.5	138.6	167.4	74	206.7	159.7	267.0
Prince George's	484	170.4	154.6	187.9	179	146.8	125.9	171.0	267	172.9	149.8	201.1
NORTHWEST REGION	346	175.6	157.4	195.7	315	166.2	148.2	186.2	13	~	~	~
Allegany	70	166.7	129.8	212.8	67	163.8	126.8	210.5	~	~	~	~
Frederick	148	204.6	171.9	242.8	125	182.0	150.5	219.3	9	~	~	~
Garrett	29	185.5	123.6	271.9	29	186.7	124.4	273.5	~	~	~	~
Washington	99	153.7	124.8	188.3	94	151.1	122.0	186.0	~	~	~	~
SOUTHERN REGION	159	151.3	127.3	179.8	118	132.2	107.9	161.9	35	223.0	153.0	320.8
Calvert	55	190.9	141.3	257.1	42	170.9	120.2	241.9	10	~	~	~
Charles	65	162.9	122.5	216.8	44	134.8	94.8	192.1	19	~	~	~
Saint Mary's	39	108.6	76.0	153.9	32	99.7	67.1	147.8	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

## **Testis**

**Table I.37. Number of Testicular Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	112	4.2	3.5	5.1	107	6.1	5.0	7.4	~	~	~	~
BALTIMORE METRO REGION	56	4.6	3.4	6.0	53	6.3	4.7	8.3	~	~	~	~
Anne Arundel	16	~	~	~	15	~	~	~	~	~	~	~
Baltimore City	8	~	~	~	7	~	~	~	~	~	~	~
Baltimore County	20	~	~	~	20	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	6	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	13	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	21	~	~	~	20	~	~	~	~	~	~	~
Montgomery	17	~	~	~	16	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	15	~	~	~	14	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	9	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	7	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Urinary Bladder

**Table I.38. Number of Urinary Bladder Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	921	18.3	17.1	19.5	781	20.3	18.9	21.8	104	10.4	8.5	12.8
BALTIMORE METRO REGION	457	18.4	16.8	20.2	386	20.5	18.5	22.6	58	10.9	8.2	14.1
Anne Arundel	102	23.3	19.0	28.5	94	24.4	19.7	30.0	7	~	~	~
Baltimore City	87	13.2	10.5	16.3	48	17.1	12.5	23.4	38	10.3	7.3	14.3
Baltimore County	163	18.7	15.9	21.8	152	19.9	16.8	23.5	9	~	~	~
Carroll	30	20.8	14.0	30.1	27	19.5	12.8	28.7	~	~	~	~
Harford	46	24.3	17.7	32.9	43	24.6	17.7	33.5	~	~	~	~
Howard	29	15.0	9.9	22.0	22	~	~	~	~	~	~	~
EASTERN SHORE REGION	98	21.4	17.3	26.1	92	23.3	18.8	28.7	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	14	~	~	~	14	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	15	~	~	~	14	~	~	~	~	~	~	~
Somerset	7	~	~	~	~	~	~	~	~	~	~	~
Talbot	16	~	~	~	15	~	~	~	~	~	~	~
Wicomico	15	~	~	~	15	~	~	~	~	~	~	~
Worcester	17	~	~	~	16	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	223	15.5	13.5	17.7	169	17.8	15.2	20.7	33	8.8	5.8	13.0
Montgomery	153	18.0	15.3	21.2	126	18.4	15.3	22.1	9	~	~	~
Prince George's	70	11.5	8.9	14.8	43	16.0	11.6	21.8	24	~	~	~
NORTHWEST REGION	108	24.2	19.8	29.2	105	24.4	19.9	29.6	~	~	~	~
Allegany	18	~	~	~	17	~	~	~	~	~	~	~
Frederick	38	22.8	16.1	31.5	36	22.8	15.9	31.7	~	~	~	~
Garrett	8	~	~	~	8	~	~	~	~	~	~	~
Washington	44	30.0	21.8	40.6	44	30.9	22.4	41.9	~	~	~	~
SOUTHERN REGION	35	15.7	10.8	22.1	29	15.6	10.3	22.8	~	~	~	~
Calvert	17	~	~	~	15	~	~	~	~	~	~	~
Charles	7	~	~	~	7	~	~	~	~	~	~	~
Saint Mary's	11	~	~	~	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

## Urinary Bladder

**Table I.39. Number of Urinary Bladder Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	672	31.8	29.4	34.4	578	35.2	32.3	38.2	67	16.7	12.7	21.9
BALTIMORE METRO REGION	340	32.9	29.4	36.7	292	36.2	32.2	40.8	38	18.7	13.0	26.6
Anne Arundel	83	43.9	34.5	55.8	76	45.3	35.2	58.2	6	~	~	~
Baltimore City	50	19.3	14.3	25.8	31	27.1	18.4	39.4	19	~	~	~
Baltimore County	125	34.3	28.5	41.0	114	35.5	29.2	42.8	9	~	~	~
Carroll	24	~	~	~	22	~	~	~	~	~	~	~
Harford	37	44.9	31.2	64.7	34	44.2	30.2	64.8	~	~	~	~
Howard	21	~	~	~	15	~	~	~	~	~	~	~
EASTERN SHORE REGION	72	35.7	27.8	45.5	71	40.7	31.6	52.0	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	11	~	~	~	11	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	11	~	~	~	10	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	12	~	~	~	12	~	~	~	~	~	~	~
Wicomico	11	~	~	~	11	~	~	~	~	~	~	~
Worcester	10	~	~	~	10	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	164	27.8	23.6	32.7	124	31.1	25.8	37.2	24	~	~	~
Montgomery	112	31.9	26.2	38.6	93	32.5	26.2	40.1	6	~	~	~
Prince George's	52	20.5	15.0	28.1	31	26.4	17.8	38.6	18	~	~	~
NORTHWEST REGION	71	37.5	29.2	47.8	68	37.3	28.8	47.8	~	~	~	~
Allegany	13	~	~	~	12	~	~	~	~	~	~	~
Frederick	19	~	~	~	17	~	~	~	~	~	~	~
Garrett	8	~	~	~	8	~	~	~	~	~	~	~
Washington	31	48.6	33.0	70.2	31	50.3	34.1	72.6	~	~	~	~
SOUTHERN REGION	25	~	~	~	23	~	~	~	~	~	~	~
Calvert	14	~	~	~	13	~	~	~	~	~	~	~
Charles	6	~	~	~	6	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Urinary Bladder

**Table I.40. Number of Urinary Bladder Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	249	8.6	7.5	9.7	203	9.3	8.1	10.7	37	6.2	4.3	8.6
BALTIMORE METRO REGION	117	8.1	6.7	9.7	94	8.6	6.9	10.6	20	~	~	~
Anne Arundel	19	~	~	~	18	~	~	~	~	~	~	~
Baltimore City	37	9.2	6.4	12.8	17	~	~	~	19	~	~	~
Baltimore County	38	7.3	5.1	10.2	38	8.4	5.9	12.0	~	~	~	~
Carroll	6	~	~	~	~	~	~	~	~	~	~	~
Harford	9	~	~	~	9	~	~	~	~	~	~	~
Howard	8	~	~	~	7	~	~	~	~	~	~	~
EASTERN SHORE REGION	26	9.9	6.4	14.8	21	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	7	~	~	~	6	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	59	7.1	5.4	9.2	45	8.5	6.2	11.6	9	~	~	~
Montgomery	41	8.6	6.2	11.9	33	8.7	6.0	12.6	~	~	~	~
Prince George's	18	~	~	~	12	~	~	~	6	~	~	~
NORTHWEST REGION	37	14.6	10.3	20.4	37	15.2	10.7	21.2	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	19	~	~	~	19	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	13	~	~	~	13	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	6	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

## Kidney and Renal Pelvis

**Table I.41. Number of Kidney and Renal Pelvis Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	575	11.0	10.1	12.0	423	10.9	9.9	12.0	128	10.6	8.8	12.7
BALTIMORE METRO REGION	318	12.6	11.3	14.1	227	12.0	10.5	13.7	83	13.9	11.0	17.4
Anne Arundel	54	12.0	9.0	15.9	51	13.0	9.6	17.3	~	~	~	~
Baltimore City	88	13.7	11.0	16.9	28	11.3	7.5	16.9	57	14.8	11.2	19.3
Baltimore County	123	14.6	12.1	17.5	103	14.4	11.7	17.6	15	~	~	~
Carroll	14	~	~	~	13	~	~	~	~	~	~	~
Harford	20	~	~	~	18	~	~	~	~	~	~	~
Howard	19	~	~	~	14	~	~	~	~	~	~	~
EASTERN SHORE REGION	49	10.7	7.9	14.3	41	10.5	7.5	14.5	8	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	8	~	~	~	7	~	~	~	~	~	~	~
Dorchester	7	~	~	~	7	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	10	~	~	~	10	~	~	~	~	~	~	~
Worcester	10	~	~	~	7	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	126	8.2	6.8	9.8	80	8.4	6.6	10.5	32	6.3	4.1	9.5
Montgomery	64	7.4	5.7	9.5	52	7.7	5.7	10.2	~	~	~	~
Prince George's	62	9.1	6.9	11.9	28	10.5	6.9	15.4	31	7.8	5.1	12.2
NORTHWEST REGION	54	11.9	9.0	15.6	51	11.8	8.8	15.6	~	~	~	~
Allegany	8	~	~	~	7	~	~	~	~	~	~	~
Frederick	19	~	~	~	19	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	22	~	~	~	20	~	~	~	~	~	~	~
SOUTHERN REGION	27	11.4	7.5	17.0	24	~	~	~	~	~	~	~
Calvert	7	~	~	~	6	~	~	~	~	~	~	~
Charles	11	~	~	~	10	~	~	~	~	~	~	~
Saint Mary's	9	~	~	~	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

## Kidney and Renal Pelvis

**Table I.42. Number of Kidney and Renal Pelvis Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	359	15.4	13.8	17.1	266	15.2	13.4	17.2	77	14.7	11.4	19.2
BALTIMORE METRO REGION	194	17.4	15.0	20.1	135	15.9	13.3	19.0	51	20.2	14.8	27.6
Anne Arundel	38	19.0	13.1	27.5	35	20.0	13.6	29.3	~	~	~	~
Baltimore City	55	20.0	15.1	26.4	21	~	~	~	31	18.9	12.8	28.1
Baltimore County	67	18.1	14.0	23.2	51	16.1	12.0	21.4	11	~	~	~
Carroll	8	~	~	~	7	~	~	~	~	~	~	~
Harford	11	~	~	~	10	~	~	~	~	~	~	~
Howard	15	~	~	~	11	~	~	~	~	~	~	~
EASTERN SHORE REGION	30	14.1	9.5	20.7	25	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	7	~	~	~	7	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	6	~	~	~	6	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	84	12.5	9.9	15.8	59	13.9	10.6	18.1	18	~	~	~
Montgomery	48	12.6	9.2	16.9	41	13.6	9.8	18.7	~	~	~	~
Prince George's	36	12.7	8.5	19.1	18	~	~	~	17	~	~	~
NORTHWEST REGION	33	15.9	10.9	23.0	31	15.9	10.8	23.1	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	10	~	~	~	10	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	15	~	~	~	14	~	~	~	~	~	~	~
SOUTHERN REGION	17	~	~	~	16	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	6	~	~	~	6	~	~	~	~	~	~	~
Saint Mary's	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

## Kidney and Renal Pelvis

**Table I.43. Number of Kidney and Renal Pelvis Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	216	7.5	6.5	8.5	157	7.4	6.3	8.7	51	7.5	5.6	10.0
BALTIMORE METRO REGION	124	8.7	7.3	10.4	92	8.7	7.0	10.8	32	9.3	6.4	13.2
Anne Arundel	16	~	~	~	16	~	~	~	~	~	~	~
Baltimore City	33	8.9	6.1	12.6	7	~	~	~	26	11.5	7.5	16.8
Baltimore County	56	11.6	8.7	15.3	52	12.8	9.5	17.3	~	~	~	~
Carroll	6	~	~	~	6	~	~	~	~	~	~	~
Harford	9	~	~	~	8	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	19	~	~	~	16	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	6	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	42	5.0	3.6	6.8	21	~	~	~	14	~	~	~
Montgomery	16	~	~	~	11	~	~	~	~	~	~	~
Prince George's	26	6.9	4.5	10.3	10	~	~	~	14	~	~	~
NORTHWEST REGION	21	~	~	~	20	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	9	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Brain and Other Nervous System**

**Table I.44. Number of Brain and Other Nervous System Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	277	5.2	4.6	5.9	228	6.1	5.3	6.9	36	2.8	1.9	4.0
BALTIMORE METRO REGION	149	5.8	4.9	6.9	123	6.8	5.6	8.1	21	~	~	~
Anne Arundel	32	6.4	4.4	9.3	28	6.6	4.4	9.8	~	~	~	~
Baltimore City	32	4.9	3.4	7.0	19	~	~	~	13	~	~	~
Baltimore County	53	6.4	4.8	8.5	49	7.4	5.5	10.0	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	10	~	~	~	8	~	~	~	~	~	~	~
Howard	17	~	~	~	14	~	~	~	~	~	~	~
EASTERN SHORE REGION	25	~	~	~	24	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	63	4.2	3.2	5.3	41	4.4	3.2	6.0	15	~	~	~
Montgomery	43	5.0	3.6	6.8	34	5.1	3.5	7.2	~	~	~	~
Prince George's	20	~	~	~	7	~	~	~	12	~	~	~
NORTHWEST REGION	31	6.9	4.7	9.8	31	7.3	5.0	10.4	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	16	~	~	~	16	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	10	~	~	~	10	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	9	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Brain and Other Nervous System**

**Table I.45. Number of Brain and Other Nervous System Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	157	6.4	5.4	7.6	125	7.1	5.9	8.5	21	~	~	~
BALTIMORE METRO REGION	92	7.9	6.3	9.8	75	8.8	6.9	11.1	13	~	~	~
Anne Arundel	20	~	~	~	18	~	~	~	~	~	~	~
Baltimore City	20	~	~	~	11	~	~	~	9	~	~	~
Baltimore County	27	7.5	4.9	11.1	25	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	7	~	~	~	~	~	~	~
Howard	13	~	~	~	10	~	~	~	~	~	~	~
EASTERN SHORE REGION	12	~	~	~	12	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	38	5.4	3.8	7.7	23	~	~	~	8	~	~	~
Montgomery	27	6.8	4.5	10.2	19	~	~	~	~	~	~	~
Prince George's	11	~	~	~	~	~	~	~	6	~	~	~
NORTHWEST REGION	9	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	6	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Brain and Other Nervous System**

**Table I.46. Number of Brain and Other Nervous System Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	120	4.2	3.5	5.0	103	5.1	4.1	6.2	15	~	~	~
BALTIMORE METRO REGION	57	4.1	3.1	5.3	48	4.9	3.6	6.5	8	~	~	~
Anne Arundel	12	~	~	~	10	~	~	~	~	~	~	~
Baltimore City	12	~	~	~	8	~	~	~	~	~	~	~
Baltimore County	26	5.7	3.7	8.6	24	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	12	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	25	~	~	~	18	~	~	~	7	~	~	~
Montgomery	16	~	~	~	15	~	~	~	~	~	~	~
Prince George's	9	~	~	~	~	~	~	~	6	~	~	~
NORTHWEST REGION	22	~	~	~	22	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	13	~	~	~	13	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Thyroid**

**Table I.47. Number of Thyroid Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	515	9.3	8.5	10.2	394	10.4	9.4	11.5	95	6.6	5.3	8.2
BALTIMORE METRO REGION	194	7.4	6.4	8.6	151	8.2	6.9	9.6	38	6.0	4.2	8.4
Anne Arundel	39	7.4	5.2	10.3	32	7.2	4.9	10.4	~	~	~	~
Baltimore City	39	6.0	4.3	8.3	20	~	~	~	19	~	~	~
Baltimore County	58	7.2	5.4	9.3	46	7.3	5.3	9.9	10	~	~	~
Carroll	16	~	~	~	16	~	~	~	~	~	~	~
Harford	20	~	~	~	17	~	~	~	~	~	~	~
Howard	22	~	~	~	20	~	~	~	~	~	~	~
EASTERN SHORE REGION	34	7.9	5.5	11.2	30	8.3	5.6	12.0	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	8	~	~	~	7	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	8	~	~	~	7	~	~	~	~	~	~	~
Worcester	6	~	~	~	6	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	205	11.8	10.3	13.6	138	14.8	12.5	17.6	49	6.9	5.1	9.7
Montgomery	135	14.5	12.1	17.2	105	15.5	12.7	18.9	18	~	~	~
Prince George's	70	8.4	6.5	10.9	33	12.3	8.4	17.5	31	5.4	3.7	8.7
NORTHWEST REGION	52	11.5	8.6	15.2	51	12.3	9.1	16.2	~	~	~	~
Allegany	10	~	~	~	9	~	~	~	~	~	~	~
Frederick	26	12.2	8.0	18.3	26	13.4	8.7	20.0	~	~	~	~
Garrett	6	~	~	~	6	~	~	~	~	~	~	~
Washington	10	~	~	~	10	~	~	~	~	~	~	~
SOUTHERN REGION	30	9.9	6.7	14.6	24	~	~	~	~	~	~	~
Calvert	8	~	~	~	7	~	~	~	~	~	~	~
Charles	10	~	~	~	7	~	~	~	~	~	~	~
Saint Mary's	12	~	~	~	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

## **Thyroid**

**Table I.48. Number of Thyroid Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	100	3.9	3.2	4.8	86	4.7	3.8	5.9	11	~	~	~
BALTIMORE METRO REGION	34	2.8	1.9	4.0	30	3.4	2.3	4.9	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	10	~	~	~	9	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	7	~	~	~	~	~	~	~
EASTERN SHORE REGION	8	~	~	~	8	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	45	5.7	4.1	7.9	36	7.9	5.5	11.1	6	~	~	~
Montgomery	33	7.7	5.3	11.1	29	9.0	6.0	13.2	~	~	~	~
Prince George's	12	~	~	~	7	~	~	~	~	~	~	~
NORTHWEST REGION	11	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Thyroid**

**Table I.49. Number of Thyroid Cancer Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	415	14.3	13.0	15.8	308	16.0	14.3	17.9	84	10.5	8.4	13.2
BALTIMORE METRO REGION	160	11.7	9.9	13.6	121	12.8	10.6	15.3	34	9.5	6.5	13.3
Anne Arundel	34	12.7	8.8	18.0	28	12.5	8.3	18.4	~	~	~	~
Baltimore City	34	9.6	6.6	13.5	16	~	~	~	18	~	~	~
Baltimore County	48	11.1	8.2	14.8	37	11.2	7.9	15.8	9	~	~	~
Carroll	13	~	~	~	13	~	~	~	~	~	~	~
Harford	16	~	~	~	14	~	~	~	~	~	~	~
Howard	15	~	~	~	13	~	~	~	~	~	~	~
EASTERN SHORE REGION	26	11.9	7.7	17.7	22	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	7	~	~	~	6	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	6	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	160	17.2	14.7	20.2	102	21.8	17.7	26.6	43	10.9	7.8	15.4
Montgomery	102	20.6	16.8	25.2	76	21.8	17.1	27.6	15	~	~	~
Prince George's	58	13.1	9.9	17.2	26	19.9	13.0	29.8	28	8.8	5.8	13.9
NORTHWEST REGION	41	18.6	13.3	25.3	40	19.3	13.8	26.4	~	~	~	~
Allegany	7	~	~	~	6	~	~	~	~	~	~	~
Frederick	22	~	~	~	22	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	7	~	~	~	~	~	~	~
SOUTHERN REGION	28	18.2	12.1	26.8	23	~	~	~	~	~	~	~
Calvert	7	~	~	~	7	~	~	~	~	~	~	~
Charles	9	~	~	~	6	~	~	~	~	~	~	~
Saint Mary's	12	~	~	~	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

## Hodgkin Lymphoma

**Table I.50. Number of Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	122	2.3	1.9	2.7	86	2.4	1.9	3.0	30	1.9	1.3	2.8
BALTIMORE METRO REGION	62	2.5	1.9	3.1	45	2.6	1.9	3.5	16	~	~	~
Anne Arundel	12	~	~	~	9	~	~	~	~	~	~	~
Baltimore City	14	~	~	~	7	~	~	~	7	~	~	~
Baltimore County	21	~	~	~	16	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	10	~	~	~	8	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	28	1.7	1.1	2.4	13	~	~	~	11	~	~	~
Montgomery	19	~	~	~	12	~	~	~	~	~	~	~
Prince George's	9	~	~	~	~	~	~	~	8	~	~	~
NORTHWEST REGION	10	~	~	~	10	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	12	~	~	~	10	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Hodgkin Lymphoma

**Table I.51. Number of Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	62	2.4	1.9	3.2	43	2.5	1.8	3.4	15	~	~	~
BALTIMORE METRO REGION	36	3.0	2.1	4.2	25	~	~	~	10	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	15	~	~	~	10	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	15	~	~	~	8	~	~	~	~	~	~	~
Montgomery	11	~	~	~	7	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Hodgkin Lymphoma

**Table I.52. Number of Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	60	2.1	1.6	2.8	43	2.3	1.7	3.2	15	~	~	~
BALTIMORE METRO REGION	26	2.0	1.3	2.9	20	~	~	~	6	~	~	~
Anne Arundel	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	6	~	~	~	6	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	7	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	13	~	~	~	~	~	~	~	7	~	~	~
Montgomery	8	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Non-Hodgkin Lymphoma**

**Table I.53. Number of Non-Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	818	15.7	14.6	16.8	635	16.5	15.2	17.8	151	12.0	10.1	14.2
BALTIMORE METRO REGION	442	17.5	15.9	19.2	325	17.2	15.4	19.2	100	16.3	13.2	20.0
Anne Arundel	74	16.0	12.5	20.2	61	15.0	11.4	19.5	9	~	~	~
Baltimore City	120	18.5	15.3	22.1	50	18.6	13.7	25.1	62	15.9	12.2	20.5
Baltimore County	156	18.4	15.6	21.6	133	18.3	15.3	21.8	22	~	~	~
Carroll	34	22.5	15.6	31.9	31	21.1	14.3	30.4	~	~	~	~
Harford	32	16.1	10.9	23.3	30	16.5	11.0	24.1	~	~	~	~
Howard	26	12.6	8.0	19.0	20	~	~	~	~	~	~	~
EASTERN SHORE REGION	76	17.1	13.5	21.5	70	18.4	14.3	23.4	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	13	~	~	~	13	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	9	~	~	~	7	~	~	~	~	~	~	~
Talbot	9	~	~	~	9	~	~	~	~	~	~	~
Wicomico	14	~	~	~	11	~	~	~	~	~	~	~
Worcester	12	~	~	~	12	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	175	11.5	9.8	13.3	123	12.9	10.7	15.4	37	7.0	4.7	10.5
Montgomery	112	12.7	10.5	15.4	91	13.1	10.5	16.2	11	~	~	~
Prince George's	63	9.2	7.0	12.0	32	12.0	8.2	17.2	26	5.9	3.6	9.8
NORTHWEST REGION	86	19.1	15.2	23.6	85	19.7	15.7	24.4	~	~	~	~
Allegany	17	~	~	~	17	~	~	~	~	~	~	~
Frederick	31	17.9	12.1	25.6	31	19.0	12.8	27.2	~	~	~	~
Garrett	7	~	~	~	7	~	~	~	~	~	~	~
Washington	31	21.4	14.6	30.8	30	21.6	14.6	31.3	~	~	~	~
SOUTHERN REGION	39	15.8	11.1	22.0	32	16.2	11.0	23.4	7	~	~	~
Calvert	10	~	~	~	9	~	~	~	~	~	~	~
Charles	20	~	~	~	14	~	~	~	6	~	~	~
Saint Mary's	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

## **Non-Hodgkin Lymphoma**

**Table I.54. Number of Non-Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	432	18.9	17.1	20.9	331	19.6	17.5	21.8	86	15.4	12.1	19.9
BALTIMORE METRO REGION	230	20.6	18.0	23.6	167	20.0	17.1	23.4	56	20.6	15.4	27.9
Anne Arundel	39	17.3	12.2	24.9	33	16.7	11.4	24.8	~	~	~	~
Baltimore City	64	23.3	17.9	30.0	25	~	~	~	35	20.7	14.4	30.1
Baltimore County	88	24.1	19.3	29.9	73	23.1	18.0	29.2	14	~	~	~
Carroll	12	~	~	~	11	~	~	~	~	~	~	~
Harford	12	~	~	~	12	~	~	~	~	~	~	~
Howard	15	~	~	~	13	~	~	~	~	~	~	~
EASTERN SHORE REGION	40	19.8	14.1	27.5	38	21.9	15.5	30.7	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	9	~	~	~	9	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	9	~	~	~	8	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	93	14.1	11.3	17.6	60	14.6	11.1	18.9	25	~	~	~
Montgomery	60	15.8	12.0	20.6	46	15.6	11.3	21.0	8	~	~	~
Prince George's	33	11.2	7.4	17.1	14	~	~	~	17	~	~	~
NORTHWEST REGION	48	24.7	18.1	33.3	47	25.5	18.6	34.4	~	~	~	~
Allegany	10	~	~	~	10	~	~	~	~	~	~	~
Frederick	15	~	~	~	15	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	19	~	~	~	18	~	~	~	~	~	~	~
SOUTHERN REGION	21	~	~	~	19	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	13	~	~	~	11	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Non-Hodgkin Lymphoma**

**Table I.55. Number of Non-Hodgkin Lymphoma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	386	13.3	12.0	14.7	304	14.2	12.7	16.0	65	9.4	7.2	12.1
BALTIMORE METRO REGION	212	14.9	13.0	17.1	158	15.0	12.8	17.6	44	12.8	9.3	17.2
Anne Arundel	35	14.2	9.9	19.9	28	13.0	8.6	19.1	~	~	~	~
Baltimore City	56	14.7	11.0	19.2	25	~	~	~	27	12.0	7.9	17.4
Baltimore County	68	14.3	11.1	18.3	60	15.0	11.4	19.8	8	~	~	~
Carroll	22	~	~	~	20	~	~	~	~	~	~	~
Harford	20	~	~	~	18	~	~	~	~	~	~	~
Howard	11	~	~	~	7	~	~	~	~	~	~	~
EASTERN SHORE REGION	36	14.7	10.2	20.6	32	15.2	10.3	21.9	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	6	~	~	~	6	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	7	~	~	~	7	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	82	9.6	7.6	12.0	63	11.8	9.0	15.3	12	~	~	~
Montgomery	52	10.5	7.8	13.9	45	11.3	8.2	15.6	~	~	~	~
Prince George's	30	7.8	5.2	11.4	18	~	~	~	9	~	~	~
NORTHWEST REGION	38	15.5	11.0	21.5	38	16.1	11.4	22.3	~	~	~	~
Allegany	7	~	~	~	7	~	~	~	~	~	~	~
Frederick	16	~	~	~	16	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	12	~	~	~	~	~	~	~
SOUTHERN REGION	18	~	~	~	13	~	~	~	~	~	~	~
Calvert	7	~	~	~	6	~	~	~	~	~	~	~
Charles	7	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Multiple Myeloma**

**Table I.56. Number of Multiple Myeloma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	278	5.5	4.8	6.1	174	4.5	3.9	5.2	94	8.6	6.9	10.6
BALTIMORE METRO REGION	126	5.0	4.2	6.0	78	4.1	3.2	5.1	45	8.0	5.8	10.9
Anne Arundel	19	~	~	~	13	~	~	~	~	~	~	~
Baltimore City	35	5.3	3.7	7.5	8	~	~	~	26	6.9	4.5	10.2
Baltimore County	46	5.4	4.0	7.3	33	4.4	3.0	6.4	13	~	~	~
Carroll	12	~	~	~	12	~	~	~	~	~	~	~
Harford	10	~	~	~	9	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	35	7.5	5.2	10.6	27	6.8	4.5	10.1	8	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	11	~	~	~	8	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	86	5.8	4.6	7.2	42	4.4	3.1	6.0	37	9.2	6.2	13.4
Montgomery	43	4.9	3.5	6.7	34	4.8	3.3	6.9	~	~	~	~
Prince George's	43	7.1	5.0	9.8	8	~	~	~	33	10.6	6.9	16.0
NORTHWEST REGION	21	~	~	~	20	~	~	~	~	~	~	~
Allegany	8	~	~	~	8	~	~	~	~	~	~	~
Frederick	6	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	7	~	~	~	6	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Multiple Myeloma**

**Table I.57. Number of Multiple Myeloma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	136	6.0	5.0	7.1	86	5.0	4.0	6.2	45	9.2	6.6	12.9
BALTIMORE METRO REGION	59	5.3	4.0	6.9	39	4.6	3.2	6.3	18	~	~	~
Anne Arundel	9	~	~	~	8	~	~	~	~	~	~	~
Baltimore City	14	~	~	~	~	~	~	~	11	~	~	~
Baltimore County	21	~	~	~	15	~	~	~	6	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	7	~	~	~	6	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	22	10.1	6.3	15.8	15	~	~	~	7	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	6	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	41	6.3	4.5	8.8	19	~	~	~	19	~	~	~
Montgomery	19	~	~	~	15	~	~	~	~	~	~	~
Prince George's	22	~	~	~	~	~	~	~	17	~	~	~
NORTHWEST REGION	9	~	~	~	8	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Multiple Myeloma**

**Table I.58. Number of Multiple Myeloma Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	142	4.9	4.1	5.8	88	4.0	3.2	4.9	49	7.8	5.8	10.5
BALTIMORE METRO REGION	67	4.7	3.6	6.0	39	3.6	2.5	5.0	27	8.1	5.3	11.9
Anne Arundel	10	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	21	~	~	~	~	~	~	~	15	~	~	~
Baltimore County	25	~	~	~	18	~	~	~	7	~	~	~
Carroll	7	~	~	~	7	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	12	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	45	5.3	3.9	7.2	23	~	~	~	18	~	~	~
Montgomery	24	~	~	~	19	~	~	~	~	~	~	~
Prince George's	21	~	~	~	~	~	~	~	16	~	~	~
NORTHWEST REGION	12	~	~	~	12	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Leukemia**

**Table I.59. Number of Leukemia Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	407	7.9	7.2	8.7	328	8.8	7.8	9.8	64	5.5	4.2	7.1
BALTIMORE METRO REGION	220	8.8	7.7	10.1	169	9.3	8.0	10.9	43	7.4	5.3	10.1
Anne Arundel	38	8.0	5.6	11.2	35	8.7	6.0	12.3	~	~	~	~
Baltimore City	55	8.4	6.3	10.9	26	10.9	6.9	16.8	26	6.8	4.5	10.2
Baltimore County	80	9.7	7.7	12.2	67	10.0	7.7	12.9	12	~	~	~
Carroll	18	~	~	~	17	~	~	~	~	~	~	~
Harford	17	~	~	~	14	~	~	~	~	~	~	~
Howard	12	~	~	~	10	~	~	~	~	~	~	~
EASTERN SHORE REGION	45	10.0	7.3	13.6	40	10.4	7.4	14.4	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	7	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	12	~	~	~	10	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	74	4.9	3.8	6.1	57	6.0	4.6	7.8	11	~	~	~
Montgomery	62	7.0	5.4	9.1	52	7.5	5.6	10.0	~	~	~	~
Prince George's	12	~	~	~	~	~	~	~	6	~	~	~
NORTHWEST REGION	47	10.5	7.7	14.1	43	10.1	7.3	13.7	~	~	~	~
Allegany	9	~	~	~	9	~	~	~	~	~	~	~
Frederick	13	~	~	~	11	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	22	~	~	~	20	~	~	~	~	~	~	~
SOUTHERN REGION	21	~	~	~	19	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	7	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	10	~	~	~	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

## **Leukemia**

**Table I.60. Number of Leukemia Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	235	10.8	9.5	12.4	192	11.9	10.3	13.8	33	6.8	4.5	10.3
BALTIMORE METRO REGION	120	11.0	9.1	13.3	92	11.5	9.2	14.2	21	~	~	~
Anne Arundel	23	~	~	~	21	~	~	~	~	~	~	~
Baltimore City	30	11.2	7.5	16.2	14	~	~	~	13	~	~	~
Baltimore County	44	12.3	8.9	16.7	39	13.0	9.2	18.0	~	~	~	~
Carroll	7	~	~	~	6	~	~	~	~	~	~	~
Harford	9	~	~	~	7	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	28	13.6	9.0	20.1	23	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	8	~	~	~	6	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	46	7.8	5.6	10.7	38	9.8	6.9	13.6	~	~	~	~
Montgomery	42	11.8	8.5	16.2	35	12.5	8.6	17.5	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	30	16.6	11.1	24.3	29	16.9	11.2	24.9	~	~	~	~
Allegany	8	~	~	~	8	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	15	~	~	~	14	~	~	~	~	~	~	~
SOUTHERN REGION	11	~	~	~	10	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Leukemia**

**Table I.61. Number of Leukemia Cases, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	172	6.0	5.1	7.0	136	6.7	5.6	8.0	31	4.6	3.1	6.6
BALTIMORE METRO REGION	100	7.2	5.9	8.8	77	7.8	6.1	9.8	22	~	~	~
Anne Arundel	15	~	~	~	14	~	~	~	~	~	~	~
Baltimore City	25	~	~	~	12	~	~	~	13	~	~	~
Baltimore County	36	7.9	5.5	11.1	28	7.8	5.0	11.8	8	~	~	~
Carroll	11	~	~	~	11	~	~	~	~	~	~	~
Harford	8	~	~	~	7	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	17	~	~	~	17	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	28	3.1	2.1	4.5	19	~	~	~	6	~	~	~
Montgomery	20	~	~	~	17	~	~	~	~	~	~	~
Prince George's	8	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	17	~	~	~	14	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	9	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**CANCER MORTALITY BY RACE, GENDER, REGION  
AND JURISDICTION**



**All Sites**

**Table M.1. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	10179	202.2	198.3	206.2	7500	194.9	190.5	199.4	2491	241.7	231.9	251.8
BALTIMORE METRO REGION	5445	219.8	214.0	225.8	3972	210.1	203.6	216.7	1417	260.5	246.9	274.7
Anne Arundel	895	212.6	198.6	227.3	782	210.3	195.7	225.9	100	245.3	197.8	302.1
Baltimore City	1665	253.3	241.2	265.8	665	236.1	218.1	255.6	996	267.9	251.4	285.2
Baltimore County	1902	219.3	209.5	229.4	1652	217.6	207.1	228.5	229	265.2	230.0	304.7
Carroll	291	206.6	183.4	232.1	280	204.6	181.2	230.3	10	~	~	~
Harford	364	190.5	171.1	211.9	341	193.2	172.9	215.5	21	~	~	~
Howard	328	183.7	163.7	205.7	252	174.6	153.2	198.4	61	278.1	208.1	367.6
EASTERN SHORE REGION	1007	220.6	207.1	234.7	834	213.3	199.0	228.4	170	274.9	235.1	319.7
Caroline	76	238.7	188.0	299.8	65	237.3	183.0	303.9	11	~	~	~
Cecil	182	235.9	202.5	273.7	175	236.0	202.0	274.6	7	~	~	~
Dorchester	94	230.4	186.0	284.8	61	191.4	145.9	252.2	33	372.4	256.2	527.1
Kent	68	232.3	179.8	301.2	57	226.4	170.7	303.4	11	~	~	~
Queen Anne's	78	181.2	143.0	228.1	59	152.9	116.2	199.8	18	~	~	~
Somerset	51	189.7	141.1	252.7	41	208.9	149.3	292.2	10	~	~	~
Talbot	101	193.2	156.9	239.0	95	207.8	167.5	260.8	6	~	~	~
Wicomico	199	231.4	200.3	266.1	150	217.3	183.9	255.7	48	310.9	228.5	414.8
Worcester	158	231.3	196.0	273.0	131	225.8	187.8	272.0	26	304.4	198.3	457.8
NATIONAL CAPITAL REGION	2430	170.3	163.5	177.3	1521	159.9	152.0	168.2	789	214.5	198.2	231.9
Montgomery	1266	149.5	141.3	158.0	1029	150.1	141.1	159.8	142	172.1	143.6	205.2
Prince George's	1164	200.5	188.7	213.0	492	185.6	169.5	202.9	647	227.6	208.2	248.5
NORTHWEST REGION	834	185.6	173.2	198.7	797	184.0	171.4	197.3	37	296.5	204.7	419.2
Allegany	152	151.3	127.9	178.7	149	151.2	127.6	179.0	~	~	~	~
Frederick	308	184.4	164.2	206.5	279	177.7	157.3	200.2	29	377.9	248.1	557.9
Garrett	76	214.3	168.8	270.7	76	215.6	169.8	272.2	~	~	~	~
Washington	298	203.2	180.8	227.9	293	206.1	183.1	231.5	~	~	~	~
SOUTHERN REGION	463	211.8	192.5	232.6	376	211.0	189.8	234.1	78	211.6	165.7	267.5
Calvert	129	209.2	174.0	250.0	108	205.4	167.7	249.5	19	~	~	~
Charles	207	238.0	205.6	274.3	155	231.8	195.9	272.8	46	253.5	181.1	349.4
Saint Mary's	127	183.8	152.8	219.8	113	193.6	159.1	234.0	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

**All Sites**

**Table M.1.a. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	160	110.9	92.7	132.3	23	~	~	~	58	58.9	43.2	78.9
BALTIMORE METRO REGION	45	98.1	68.5	139.4	8	~	~	~	10	~	~	~
Anne Arundel	11	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	16	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	14	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	108	116.1	93.4	143.6	10	~	~	~	44	66.8	46.3	94.2
Montgomery	85	124.6	97.6	158.0	8	~	~	~	29	60.1	37.9	92.1
Prince George's	23	~	~	~	~	~	~	~	15	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**All Sites**

**Table M.2. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	5200	251.3	244.3	258.4	3817	238.3	230.7	246.2	1288	327.0	307.7	347.5
BALTIMORE METRO REGION	2764	274.2	263.8	284.9	2007	257.4	246.0	269.1	730	353.0	326.3	381.8
Anne Arundel	465	263.1	238.2	290.6	404	255.4	229.6	283.9	55	359.9	262.2	488.8
Baltimore City	818	316.3	294.8	339.2	301	263.3	234.3	295.6	516	364.6	332.7	399.5
Baltimore County	948	268.2	251.2	286.1	827	265.2	247.2	284.2	110	328.8	262.7	410.3
Carroll	152	268.5	226.1	317.6	147	269.0	225.8	318.9	~	~	~	~
Harford	211	271.0	232.6	315.4	195	266.7	227.6	312.3	15	~	~	~
Howard	170	228.0	192.0	269.9	133	218.0	179.7	263.2	29	379.7	237.4	594.8
EASTERN SHORE REGION	538	273.7	250.6	298.6	438	256.2	232.3	282.3	98	401.0	324.7	491.2
Caroline	44	325.8	235.3	443.6	35	296.9	205.4	420.2	9	~	~	~
Cecil	97	301.7	241.3	375.9	92	297.4	236.2	372.8	~	~	~	~
Dorchester	57	333.9	252.2	438.9	39	286.6	202.7	407.5	18	~	~	~
Kent	37	295.5	207.5	419.5	28	256.0	169.5	386.3	9	~	~	~
Queen Anne's	37	186.1	130.0	262.4	30	164.0	109.5	242.1	7	~	~	~
Somerset	30	248.8	167.4	363.2	26	280.4	182.5	427.1	~	~	~	~
Talbot	53	230.6	172.4	308.8	48	233.2	171.5	321.4	~	~	~	~
Wicomico	111	308.3	252.3	375.8	80	272.1	214.8	343.3	30	496.3	325.7	746.9
Worcester	72	241.4	186.0	311.1	60	236.4	176.3	314.9	11	~	~	~
NATIONAL CAPITAL REGION	1201	205.3	193.5	217.8	740	188.1	174.7	202.4	398	280.0	248.0	315.9
Montgomery	605	174.4	160.6	189.2	489	173.5	158.4	189.8	66	210.0	157.3	277.2
Prince George's	596	256.1	234.0	280.2	251	230.1	201.7	261.9	332	301.5	262.8	345.9
NORTHWEST REGION	452	245.0	222.5	269.5	432	243.4	220.6	268.2	20	~	~	~
Allegany	74	190.0	148.6	241.0	72	189.9	147.9	241.9	~	~	~	~
Frederick	161	230.1	194.4	271.5	147	221.8	185.9	263.7	14	~	~	~
Garrett	46	303.6	221.1	410.3	46	305.4	222.5	412.8	~	~	~	~
Washington	171	281.9	240.7	328.9	167	284.6	242.6	332.5	~	~	~	~
SOUTHERN REGION	245	258.3	225.0	296.2	200	256.8	220.3	299.0	42	280.2	197.2	391.9
Calvert	70	274.1	210.0	355.3	59	273.2	203.8	363.3	11	~	~	~
Charles	104	288.8	231.4	359.8	78	277.5	215.1	357.1	23	~	~	~
Saint Mary's	71	216.9	167.6	279.0	63	227.4	172.3	298.2	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

**All Sites**

**Table M.2.a. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	79	123.8	94.0	162.5	15	~	~	~	31	80.8	50.7	124.8
BALTIMORE METRO REGION	20	~	~	~	~	~	~	~	8	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	57	139.3	100.8	191.1	6	~	~	~	19	~	~	~
Montgomery	46	155.9	108.9	220.8	~	~	~	~	11	~	~	~
Prince George's	11	~	~	~	~	~	~	~	8	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**All Sites**

**Table M.3. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	4979	170.5	165.8	175.4	3683	166.5	161.1	172.0	1203	192.6	181.7	204.1
BALTIMORE METRO REGION	2681	185.5	178.5	192.7	1965	179.8	171.9	188.0	687	207.2	192.0	223.4
Anne Arundel	430	179.9	163.3	197.9	378	180.0	162.3	199.4	45	183.6	132.9	248.4
Baltimore City	847	214.2	199.9	229.3	364	221.0	197.7	247.3	480	210.9	192.5	230.7
Baltimore County	954	188.5	176.6	201.1	825	187.6	174.7	201.5	119	229.4	188.5	277.1
Carroll	139	168.3	141.3	199.6	133	164.9	137.9	196.4	~	~	~	~
Harford	153	139.8	118.5	164.3	146	145.2	122.6	171.4	6	~	~	~
Howard	158	156.2	132.3	183.4	119	147.7	122.0	177.8	32	228.7	153.0	337.1
EASTERN SHORE REGION	469	183.0	166.7	200.7	396	181.9	164.3	201.2	72	196.6	153.6	249.0
Caroline	32	176.6	120.2	253.6	30	192.8	129.2	281.3	~	~	~	~
Cecil	85	198.5	158.5	245.9	83	201.4	160.3	250.2	~	~	~	~
Dorchester	37	157.0	110.0	224.1	22	~	~	~	15	~	~	~
Kent	31	185.1	124.0	285.8	29	202.6	133.5	323.8	~	~	~	~
Queen Anne's	41	179.0	128.3	247.7	29	143.5	95.9	211.9	11	~	~	~
Somerset	21	~	~	~	15	~	~	~	6	~	~	~
Talbot	48	168.7	123.2	235.4	47	190.4	138.1	270.4	~	~	~	~
Wicomico	88	173.7	139.1	215.1	70	173.3	134.7	221.6	18	~	~	~
Worcester	86	228.6	181.9	288.1	71	224.1	173.7	291.5	15	~	~	~
NATIONAL CAPITAL REGION	1229	147.6	139.4	156.1	781	142.0	132.1	152.6	391	177.3	158.8	197.5
Montgomery	661	132.8	122.8	143.5	540	134.4	123.2	146.7	76	152.3	118.9	192.7
Prince George's	568	167.1	153.4	181.9	241	160.0	140.3	182.2	315	184.9	163.2	209.0
NORTHWEST REGION	382	147.8	133.3	163.7	365	145.7	131.0	161.8	17	~	~	~
Allegany	78	134.3	105.3	171.6	77	134.9	105.6	173.0	~	~	~	~
Frederick	147	154.5	130.4	181.9	132	146.8	122.7	174.5	15	~	~	~
Garrett	30	144.7	97.2	215.3	30	145.5	97.8	216.7	~	~	~	~
Washington	127	151.7	126.2	181.8	126	154.7	128.5	185.7	~	~	~	~
SOUTHERN REGION	218	177.4	154.4	203.0	176	176.2	151.0	204.7	36	168.0	116.6	235.9
Calvert	59	168.0	127.5	218.1	49	162.5	119.9	216.6	8	~	~	~
Charles	103	202.9	165.0	247.2	77	196.0	154.3	246.2	23	~	~	~
Saint Mary's	56	152.1	114.7	198.0	50	162.2	120.2	214.5	~	~	~	~

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

**All Sites**

**Table M.3.a. Number of All Sites Combined Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	Asian/Pacific Islander				American Indian/Alaska Native				Hispanic (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	81	102.1	79.7	129.8	8	~	~	~	27	46.6	29.8	70.3
BALTIMORE METRO REGION	25	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	8	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	51	99.2	72.5	134.1	~	~	~	~	25	~	~	~
Montgomery	39	102.1	71.2	143.7	~	~	~	~	18	~	~	~
Prince George's	12	~	~	~	~	~	~	~	7	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Oral Cavity and Pharynx**

**Table M.4. Number of Oral Cavity and Pharynx Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	141	2.8	2.3	3.3	87	2.3	1.8	2.8	51	4.5	3.3	6.1
BALTIMORE METRO REGION	92	3.7	2.9	4.5	56	2.9	2.2	3.8	34	5.9	4.1	8.4
Anne Arundel	17	~	~	~	14	~	~	~	~	~	~	~
Baltimore City	38	5.9	4.2	8.1	12	~	~	~	26	6.8	4.4	10.1
Baltimore County	26	2.9	1.9	4.4	22	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	10	~	~	~	8	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	31	2.1	1.4	3.1	17	~	~	~	13	~	~	~
Montgomery	15	~	~	~	13	~	~	~	~	~	~	~
Prince George's	16	~	~	~	~	~	~	~	11	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Oral Cavity and Pharynx**

**Table M.5. Number of Oral Cavity and Pharynx Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	100	4.6	3.7	5.6	61	3.8	2.9	4.9	37	8.0	5.4	11.8
BALTIMORE METRO REGION	68	6.5	5.0	8.4	40	5.1	3.6	7.1	26	11.6	7.3	18.3
Anne Arundel	11	~	~	~	8	~	~	~	~	~	~	~
Baltimore City	31	11.5	7.8	16.7	10	~	~	~	21	~	~	~
Baltimore County	18	~	~	~	16	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	9	~	~	~	8	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	18	~	~	~	9	~	~	~	9	~	~	~
Montgomery	7	~	~	~	6	~	~	~	~	~	~	~
Prince George's	11	~	~	~	~	~	~	~	8	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Oral Cavity and Pharynx**

**Table M.6. Number of Oral Cavity and Pharynx Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	41	1.4	1.0	1.9	26	1.1	0.7	1.7	14	~	~	~
BALTIMORE METRO REGION	24	~	~	~	16	~	~	~	8	~	~	~
Anne Arundel	6	~	~	~	6	~	~	~	~	~	~	~
Baltimore City	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	8	~	~	~	6	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	13	~	~	~	8	~	~	~	~	~	~	~
Montgomery	8	~	~	~	7	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Esophagus

**Table M.7. Number of Esophageal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	263	5.2	4.6	5.8	184	4.8	4.1	5.5	72	6.7	5.2	8.5
BALTIMORE METRO REGION	146	5.8	4.9	6.9	104	5.5	4.5	6.7	39	6.8	4.9	9.5
Anne Arundel	21	~	~	~	19	~	~	~	~	~	~	~
Baltimore City	43	6.6	4.8	9.0	13	~	~	~	30	7.8	5.2	11.2
Baltimore County	53	6.1	4.6	8.1	45	6.0	4.4	8.2	7	~	~	~
Carroll	9	~	~	~	9	~	~	~	~	~	~	~
Harford	10	~	~	~	9	~	~	~	~	~	~	~
Howard	10	~	~	~	9	~	~	~	~	~	~	~
EASTERN SHORE REGION	20	~	~	~	13	~	~	~	7	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	6	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	7	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	63	4.4	3.4	5.7	38	4.0	2.9	5.6	21	~	~	~
Montgomery	28	3.4	2.3	5.0	24	~	~	~	~	~	~	~
Prince George's	35	5.9	4.0	8.3	14	~	~	~	21	~	~	~
NORTHWEST REGION	23	~	~	~	21	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	9	~	~	~	8	~	~	~	~	~	~	~
SOUTHERN REGION	11	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	6	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## *Esophagus*

**Table M.8. Number of Esophageal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	202	9.2	8.0	10.6	139	8.3	6.9	9.8	57	12.9	9.6	17.4
BALTIMORE METRO REGION	113	10.6	8.7	12.9	78	9.5	7.5	12.0	32	13.8	9.3	20.5
Anne Arundel	17	~	~	~	15	~	~	~	~	~	~	~
Baltimore City	33	12.4	8.5	17.7	8	~	~	~	25	~	~	~
Baltimore County	37	10.0	7.0	14.0	31	9.5	6.4	13.7	~	~	~	~
Carroll	8	~	~	~	8	~	~	~	~	~	~	~
Harford	9	~	~	~	8	~	~	~	~	~	~	~
Howard	9	~	~	~	8	~	~	~	~	~	~	~
EASTERN SHORE REGION	15	~	~	~	10	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	46	7.6	5.5	10.4	27	6.6	4.4	9.8	16	~	~	~
Montgomery	19	~	~	~	16	~	~	~	~	~	~	~
Prince George's	27	11.6	7.4	18.1	11	~	~	~	16	~	~	~
NORTHWEST REGION	18	~	~	~	17	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	6	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## *Esophagus*

**Table M.9. Number of Esophageal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	61	2.1	1.6	2.7	45	2.0	1.5	2.8	15	~	~	~
BALTIMORE METRO REGION	33	2.3	1.6	3.3	26	2.4	1.6	3.6	7	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	10	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	16	~	~	~	14	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	17	~	~	~	11	~	~	~	~	~	~	~
Montgomery	9	~	~	~	8	~	~	~	~	~	~	~
Prince George's	8	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table M.10. Number of Stomach Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	233	4.6	4.1	5.3	125	3.2	2.7	3.9	93	9.1	7.2	11.2
BALTIMORE METRO REGION	120	4.8	4.0	5.8	63	3.3	2.5	4.3	53	9.7	7.3	12.9
Anne Arundel	25	~	~	~	24	~	~	~	~	~	~	~
Baltimore City	52	7.9	5.9	10.4	10	~	~	~	42	11.4	8.2	15.5
Baltimore County	26	3.0	1.9	4.4	19	~	~	~	~	~	~	~
Carroll	6	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	8	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	24	~	~	~	16	~	~	~	7	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	7	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	63	4.5	3.4	5.8	26	2.7	1.8	4.0	30	8.7	5.6	13.0
Montgomery	30	3.6	2.4	5.1	20	~	~	~	~	~	~	~
Prince George's	33	5.9	4.0	8.5	6	~	~	~	26	10.1	6.2	15.8
NORTHWEST REGION	16	~	~	~	15	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	~	~	~	~	~	~	~	~
Calvert	7	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table M.11. Number of Stomach Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	116	5.4	4.4	6.5	63	3.9	3.0	5.0	48	11.0	7.9	15.4
BALTIMORE METRO REGION	62	5.8	4.4	7.5	33	4.1	2.8	5.8	27	11.7	7.5	18.2
Anne Arundel	13	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	23	~	~	~	~	~	~	~	20	~	~	~
Baltimore County	17	~	~	~	12	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	18	~	~	~	12	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	6	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	26	4.4	2.8	6.7	10	~	~	~	14	~	~	~
Montgomery	10	~	~	~	6	~	~	~	~	~	~	~
Prince George's	16	~	~	~	~	~	~	~	12	~	~	~
NORTHWEST REGION	6	~	~	~	6	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Stomach

**Table M.12. Number of Stomach Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	117	3.9	3.3	4.7	62	2.7	2.1	3.5	45	7.6	5.5	10.2
BALTIMORE METRO REGION	58	4.0	3.0	5.2	30	2.8	1.9	4.0	26	8.1	5.3	11.8
Anne Arundel	12	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	29	7.1	4.7	10.4	7	~	~	~	22	~	~	~
Baltimore County	9	~	~	~	7	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	6	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	37	4.4	3.1	6.1	16	~	~	~	16	~	~	~
Montgomery	20	~	~	~	14	~	~	~	~	~	~	~
Prince George's	17	~	~	~	~	~	~	~	14	~	~	~
NORTHWEST REGION	10	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Colon and Rectum

**Table M.13. Number of Colon and Rectum Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1079	21.6	20.3	23.0	776	20.1	18.7	21.6	278	28.4	25.1	32.1
BALTIMORE METRO REGION	555	22.7	20.8	24.7	400	21.2	19.2	23.4	146	28.9	24.3	34.1
Anne Arundel	74	17.8	13.9	22.6	61	16.3	12.4	21.2	9	~	~	~
Baltimore City	165	24.8	21.2	28.9	61	21.0	16.0	27.7	104	29.2	23.8	35.5
Baltimore County	207	23.8	20.7	27.3	179	23.4	20.1	27.2	25	~	~	~
Carroll	36	25.0	17.4	34.9	33	23.7	16.3	33.6	~	~	~	~
Harford	41	22.8	16.2	31.4	40	24.2	17.1	33.4	~	~	~	~
Howard	32	20.0	13.6	28.5	26	19.9	12.9	29.4	~	~	~	~
EASTERN SHORE REGION	109	24.0	19.7	29.1	88	22.7	18.2	28.2	21	~	~	~
Caroline	9	~	~	~	7	~	~	~	~	~	~	~
Cecil	25	~	~	~	25	~	~	~	~	~	~	~
Dorchester	11	~	~	~	8	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	11	~	~	~	7	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	7	~	~	~	6	~	~	~	~	~	~	~
Wicomico	23	~	~	~	17	~	~	~	6	~	~	~
Worcester	15	~	~	~	12	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	272	19.1	16.9	21.5	163	17.0	14.5	19.9	94	25.1	19.8	31.6
Montgomery	130	15.3	12.8	18.3	105	15.2	12.4	18.6	16	~	~	~
Prince George's	142	24.7	20.7	29.4	58	21.8	16.6	28.5	78	26.2	20.1	34.1
NORTHWEST REGION	92	20.4	16.5	25.1	84	19.3	15.4	24.0	8	~	~	~
Allegany	14	~	~	~	13	~	~	~	~	~	~	~
Frederick	41	24.8	17.7	33.9	35	22.7	15.7	31.8	6	~	~	~
Garrett	6	~	~	~	6	~	~	~	~	~	~	~
Washington	31	21.0	14.2	30.1	30	20.8	14.0	30.1	~	~	~	~
SOUTHERN REGION	51	23.6	17.5	31.5	41	23.4	16.6	32.1	9	~	~	~
Calvert	13	~	~	~	11	~	~	~	~	~	~	~
Charles	22	~	~	~	16	~	~	~	~	~	~	~
Saint Mary's	16	~	~	~	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

### ***Colon and Rectum***

**Table M.14. Number of Colon and Rectum Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	526	26.0	23.8	28.5	386	24.6	22.1	27.2	127	34.6	28.3	42.1
BALTIMORE METRO REGION	253	25.9	22.7	29.4	185	24.2	20.8	28.1	65	35.3	26.8	46.2
Anne Arundel	39	22.1	15.1	31.8	35	21.8	14.6	32.1	~	~	~	~
Baltimore City	78	30.9	24.3	38.8	27	23.3	15.3	34.9	51	40.2	29.5	54.2
Baltimore County	91	26.1	20.9	32.2	82	26.8	21.2	33.4	6	~	~	~
Carroll	15	~	~	~	14	~	~	~	~	~	~	~
Harford	17	~	~	~	16	~	~	~	~	~	~	~
Howard	13	~	~	~	11	~	~	~	~	~	~	~
EASTERN SHORE REGION	49	24.8	18.2	33.3	40	23.5	16.7	32.8	9	~	~	~
Caroline	6	~	~	~	~	~	~	~	~	~	~	~
Cecil	11	~	~	~	11	~	~	~	~	~	~	~
Dorchester	7	~	~	~	6	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	10	~	~	~	7	~	~	~	~	~	~	~
Worcester	9	~	~	~	7	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	142	24.4	20.4	29.0	88	22.4	18.0	27.8	44	29.0	19.5	42.8
Montgomery	70	20.2	15.7	25.7	58	20.4	15.4	26.5	~	~	~	~
Prince George's	72	31.0	23.6	40.5	30	28.8	19.2	42.3	40	31.7	20.9	48.6
NORTHWEST REGION	50	29.1	21.4	38.9	45	27.5	19.9	37.3	~	~	~	~
Allegany	8	~	~	~	7	~	~	~	~	~	~	~
Frederick	20	~	~	~	17	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	19	~	~	~	18	~	~	~	~	~	~	~
SOUTHERN REGION	32	35.6	23.7	52.6	28	36.7	23.7	56.0	~	~	~	~
Calvert	8	~	~	~	7	~	~	~	~	~	~	~
Charles	14	~	~	~	11	~	~	~	~	~	~	~
Saint Mary's	10	~	~	~	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

### **Colon and Rectum**

**Table M.15. Number of Colon and Rectum Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	553	18.7	17.1	20.3	390	17.1	15.4	18.9	151	24.9	21.0	29.3
BALTIMORE METRO REGION	302	20.5	18.2	22.9	215	19.0	16.5	21.8	81	25.3	20.1	31.5
Anne Arundel	35	15.0	10.5	21.0	26	12.6	8.2	18.7	~	~	~	~
Baltimore City	87	21.2	16.9	26.3	34	19.4	13.1	29.1	53	23.4	17.5	30.6
Baltimore County	116	21.8	18.0	26.4	97	20.7	16.7	25.7	19	~	~	~
Carroll	21	~	~	~	19	~	~	~	~	~	~	~
Harford	24	~	~	~	24	~	~	~	~	~	~	~
Howard	19	~	~	~	15	~	~	~	~	~	~	~
EASTERN SHORE REGION	60	22.6	17.2	29.4	48	21.2	15.6	28.6	12	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	14	~	~	~	14	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	9	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	6	~	~	~	~	~	~	~	~	~	~	~
Wicomico	13	~	~	~	10	~	~	~	~	~	~	~
Worcester	6	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	130	15.6	13.0	18.6	75	13.3	10.5	16.9	50	22.7	16.4	30.8
Montgomery	60	12.1	9.2	15.7	47	11.6	8.5	15.9	12	~	~	~
Prince George's	70	20.8	16.1	26.5	28	17.9	11.8	26.6	38	22.1	15.0	31.6
NORTHWEST REGION	42	16.0	11.5	21.9	39	15.2	10.8	21.1	~	~	~	~
Allegany	6	~	~	~	6	~	~	~	~	~	~	~
Frederick	21	~	~	~	18	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	12	~	~	~	~	~	~	~
SOUTHERN REGION	19	~	~	~	13	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	8	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

### Liver and Intrahepatic Bile Duct

**Table M.16. Number of Liver and Intrahepatic Bile Duct Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	227	4.4	3.9	5.0	144	3.7	3.1	4.4	76	6.4	5.0	8.2
BALTIMORE METRO REGION	124	4.9	4.1	5.9	79	4.2	3.3	5.2	44	7.2	5.2	9.9
Anne Arundel	23	~	~	~	17	~	~	~	6	~	~	~
Baltimore City	47	7.3	5.3	9.7	17	~	~	~	30	7.6	5.1	11.0
Baltimore County	38	4.4	3.1	6.1	31	4.0	2.7	5.8	7	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	8	~	~	~	6	~	~	~	~	~	~	~
EASTERN SHORE REGION	21	~	~	~	16	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	48	3.2	2.4	4.3	20	~	~	~	22	~	~	~
Montgomery	23	~	~	~	12	~	~	~	~	~	~	~
Prince George's	25	~	~	~	8	~	~	~	17	~	~	~
NORTHWEST REGION	21	~	~	~	19	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	9	~	~	~	8	~	~	~	~	~	~	~
SOUTHERN REGION	13	~	~	~	10	~	~	~	~	~	~	~
Calvert	6	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### Liver and Intrahepatic Bile Duct

**Table M.17. Number of Liver and Intrahepatic Bile Duct Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	146	6.4	5.4	7.6	92	5.5	4.4	6.8	50	9.3	6.8	12.9
BALTIMORE METRO REGION	85	7.9	6.3	9.9	51	6.5	4.8	8.6	33	13.1	8.9	19.4
Anne Arundel	16	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	30	11.1	7.4	16.1	8	~	~	~	22	~	~	~
Baltimore County	26	7.2	4.7	10.8	20	~	~	~	6	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	11	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	24	~	~	~	9	~	~	~	12	~	~	~
Montgomery	11	~	~	~	~	~	~	~	~	~	~	~
Prince George's	13	~	~	~	~	~	~	~	9	~	~	~
NORTHWEST REGION	18	~	~	~	16	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	6	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	8	~	~	~	7	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**Liver and Intrahepatic Bile Duct**

**Table M.18. Number of Liver and Intrahepatic Bile Duct Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	81	2.8	2.2	3.4	52	2.3	1.7	3.0	26	4.1	2.7	6.1
BALTIMORE METRO REGION	39	2.7	1.9	3.7	28	2.5	1.6	3.6	11	~	~	~
Anne Arundel	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	17	~	~	~	9	~	~	~	8	~	~	~
Baltimore County	12	~	~	~	11	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	8	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	24	~	~	~	11	~	~	~	10	~	~	~
Montgomery	12	~	~	~	7	~	~	~	~	~	~	~
Prince George's	12	~	~	~	~	~	~	~	8	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	7	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Pancreas

**Table M.19. Number of Pancreatic Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	550	11.0	10.1	12.0	411	10.7	9.7	11.8	130	13.1	10.9	15.7
BALTIMORE METRO REGION	291	11.8	10.5	13.2	214	11.4	9.9	13.0	75	14.0	10.9	17.7
Anne Arundel	49	12.1	8.9	16.2	44	12.1	8.7	16.4	~	~	~	~
Baltimore City	86	13.1	10.5	16.2	30	10.9	7.3	16.3	55	14.9	11.2	19.5
Baltimore County	102	11.7	9.6	14.3	89	11.6	9.3	14.4	12	~	~	~
Carroll	16	~	~	~	16	~	~	~	~	~	~	~
Harford	19	~	~	~	18	~	~	~	~	~	~	~
Howard	19	~	~	~	17	~	~	~	~	~	~	~
EASTERN SHORE REGION	45	9.7	7.1	13.1	37	9.3	6.5	13.0	8	~	~	~
Caroline	6	~	~	~	~	~	~	~	~	~	~	~
Cecil	11	~	~	~	11	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	7	~	~	~	6	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	6	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	152	10.9	9.2	12.8	102	10.8	8.8	13.1	43	13.1	9.2	18.2
Montgomery	93	11.0	8.9	13.6	74	10.8	8.5	13.7	12	~	~	~
Prince George's	59	10.6	8.0	13.8	28	10.6	7.0	15.5	31	12.0	7.8	17.9
NORTHWEST REGION	36	8.0	5.6	11.2	35	8.1	5.6	11.3	~	~	~	~
Allegany	6	~	~	~	6	~	~	~	~	~	~	~
Frederick	13	~	~	~	12	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	14	~	~	~	14	~	~	~	~	~	~	~
SOUTHERN REGION	26	11.5	7.4	17.1	23	~	~	~	~	~	~	~
Calvert	6	~	~	~	~	~	~	~	~	~	~	~
Charles	11	~	~	~	10	~	~	~	~	~	~	~
Saint Mary's	9	~	~	~	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

## Pancreas

**Table M.20. Number of Pancreatic Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	262	12.5	10.9	14.1	207	12.7	11.0	14.6	54	14.0	10.2	19.1
BALTIMORE METRO REGION	128	12.5	10.4	15.0	98	12.3	9.9	15.1	30	14.5	9.5	21.8
Anne Arundel	22	~	~	~	19	~	~	~	~	~	~	~
Baltimore City	35	13.4	9.3	18.9	11	~	~	~	24	~	~	~
Baltimore County	43	12.2	8.8	16.6	41	13.2	9.5	18.2	~	~	~	~
Carroll	7	~	~	~	7	~	~	~	~	~	~	~
Harford	10	~	~	~	10	~	~	~	~	~	~	~
Howard	11	~	~	~	10	~	~	~	~	~	~	~
EASTERN SHORE REGION	26	12.7	8.2	19.1	22	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	7	~	~	~	7	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	6	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	74	12.6	9.8	16.0	54	13.6	10.2	17.9	19	~	~	~
Montgomery	48	13.5	9.9	18.1	41	14.2	10.2	19.5	6	~	~	~
Prince George's	26	11.5	7.1	18.1	13	~	~	~	13	~	~	~
NORTHWEST REGION	17	~	~	~	17	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	8	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	17	~	~	~	16	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	7	~	~	~	7	~	~	~	~	~	~	~
Saint Mary's	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

## Pancreas

**Table M.21. Number of Pancreatic Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	288	9.9	8.8	11.1	204	9.2	7.9	10.5	76	12.7	10.0	16.0
BALTIMORE METRO REGION	163	11.3	9.6	13.2	116	10.6	8.7	12.8	45	13.7	10.0	18.4
Anne Arundel	27	11.6	7.7	17.1	25	~	~	~	~	~	~	~
Baltimore City	51	12.7	9.5	16.9	19	~	~	~	31	13.6	9.3	19.4
Baltimore County	59	11.7	8.9	15.3	48	10.6	7.8	14.5	10	~	~	~
Carroll	9	~	~	~	9	~	~	~	~	~	~	~
Harford	9	~	~	~	8	~	~	~	~	~	~	~
Howard	8	~	~	~	7	~	~	~	~	~	~	~
EASTERN SHORE REGION	19	~	~	~	15	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	78	9.8	7.7	12.2	48	8.6	6.3	11.6	24	~	~	~
Montgomery	45	9.1	6.6	12.3	33	8.0	5.4	11.6	6	~	~	~
Prince George's	33	10.4	7.1	14.7	15	~	~	~	18	~	~	~
NORTHWEST REGION	19	~	~	~	18	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	9	~	~	~	9	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	7	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Larynx

**Table M.22. Number of Laryngeal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	83	1.6	1.3	2.0	49	1.3	0.9	1.7	33	2.9	2.0	4.2
BALTIMORE METRO REGION	63	2.5	1.9	3.2	33	1.7	1.2	2.5	29	5.1	3.4	7.4
Anne Arundel	9	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	27	4.2	2.7	6.1	7	~	~	~	20	~	~	~
Baltimore County	19	~	~	~	17	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	6	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	10	~	~	~	7	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	7	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Larynx

**Table M.23. Number of Laryngeal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	68	3.0	2.4	3.9	36	2.1	1.5	3.0	31	6.7	4.4	10.2
BALTIMORE METRO REGION	54	5.0	3.7	6.6	26	3.2	2.1	4.8	27	11.8	7.6	18.2
Anne Arundel	9	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	23	~	~	~	~	~	~	~	19	~	~	~
Baltimore County	15	~	~	~	14	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	7	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**Larynx**

**Table M.24. Number of Laryngeal Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	15	~	~	~	13	~	~	~	~	~	~	~
BALTIMORE METRO REGION	9	~	~	~	7	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	~	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Lung and Bronchus

**Table M.25. Number of Lung and Bronchus Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	2858	56.8	54.7	58.9	2177	56.6	54.3	59.1	649	62.7	57.9	68.0
BALTIMORE METRO REGION	1602	64.6	61.5	67.9	1199	63.5	60.0	67.3	393	71.4	64.5	79.0
Anne Arundel	270	63.9	56.4	72.3	251	67.2	59.1	76.3	17	~	~	~
Baltimore City	487	74.3	67.9	81.3	202	74.1	64.1	85.8	284	75.0	66.5	84.4
Baltimore County	570	66.0	60.7	71.7	500	66.2	60.5	72.5	66	79.6	60.9	102.9
Carroll	77	56.0	44.2	70.3	76	56.8	44.7	71.4	~	~	~	~
Harford	116	59.5	49.1	71.8	108	59.8	48.9	72.6	8	~	~	~
Howard	82	46.7	36.9	58.5	62	43.7	33.3	56.5	17	~	~	~
EASTERN SHORE REGION	328	71.1	63.6	79.3	283	71.5	63.4	80.5	44	71.4	51.9	96.0
Caroline	25	~	~	~	21	~	~	~	~	~	~	~
Cecil	58	74.1	56.1	96.5	55	73.2	55.0	96.0	~	~	~	~
Dorchester	30	72.6	49.0	106.8	22	~	~	~	8	~	~	~
Kent	23	~	~	~	21	~	~	~	~	~	~	~
Queen Anne's	23	~	~	~	18	~	~	~	~	~	~	~
Somerset	16	~	~	~	14	~	~	~	~	~	~	~
Talbot	30	56.6	38.1	85.7	29	62.2	41.5	97.1	~	~	~	~
Wicomico	68	78.3	60.8	99.5	57	81.7	61.8	106.5	11	~	~	~
Worcester	55	77.8	58.4	103.8	46	76.1	55.4	105.3	9	~	~	~
NATIONAL CAPITAL REGION	579	40.9	37.6	44.4	375	39.7	35.7	43.9	185	50.8	43.1	59.5
Montgomery	272	32.6	28.8	36.7	229	33.8	29.6	38.6	30	36.7	24.4	53.8
Prince George's	307	53.2	47.2	59.8	146	54.5	46.0	64.3	155	55.4	46.2	66.3
NORTHWEST REGION	224	49.9	43.5	56.9	215	49.6	43.2	56.8	9	~	~	~
Allegany	40	39.5	28.1	55.2	40	40.3	28.7	56.4	~	~	~	~
Frederick	76	45.5	35.8	57.2	69	44.0	34.2	55.9	7	~	~	~
Garrett	21	~	~	~	21	~	~	~	~	~	~	~
Washington	87	59.2	47.4	73.3	85	59.6	47.6	74.1	~	~	~	~
SOUTHERN REGION	125	56.8	47.1	68.1	105	58.6	47.7	71.3	18	~	~	~
Calvert	36	61.4	42.9	85.8	33	66.1	45.3	93.7	~	~	~	~
Charles	53	59.0	43.6	78.5	38	54.7	38.2	76.4	13	~	~	~
Saint Mary's	36	51.1	35.7	71.6	34	57.5	39.7	81.3	~	~	~	~

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

### Lung and Bronchus

**Table M.26. Number of Lung and Bronchus Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1598	75.2	71.5	79.1	1180	72.1	68.0	76.4	401	96.6	86.7	107.6
BALTIMORE METRO REGION	886	85.8	80.1	91.8	644	81.0	74.8	87.6	238	109.1	95.0	125.1
Anne Arundel	148	82.7	69.2	98.8	140	87.6	73.0	105.1	8	~	~	~
Baltimore City	266	101.1	89.2	114.3	95	83.6	67.6	103.0	171	115.6	98.4	135.6
Baltimore County	302	83.8	74.6	94.0	258	81.8	72.1	92.7	42	118.4	82.6	169.5
Carroll	45	80.3	58.2	109.2	44	80.9	58.4	110.4	~	~	~	~
Harford	71	86.9	66.7	113.0	65	84.0	63.6	110.8	6	~	~	~
Howard	54	72.0	52.7	97.3	42	69.3	48.7	97.1	10	~	~	~
EASTERN SHORE REGION	190	95.2	81.9	110.4	161	93.3	79.2	109.6	29	115.7	77.2	168.6
Caroline	15	~	~	~	12	~	~	~	~	~	~	~
Cecil	34	99.0	67.2	144.8	32	96.5	64.6	142.9	~	~	~	~
Dorchester	18	~	~	~	11	~	~	~	7	~	~	~
Kent	12	~	~	~	10	~	~	~	~	~	~	~
Queen Anne's	13	~	~	~	12	~	~	~	~	~	~	~
Somerset	11	~	~	~	10	~	~	~	~	~	~	~
Talbot	17	~	~	~	16	~	~	~	~	~	~	~
Wicomico	45	123.2	89.3	169.1	38	129.1	90.7	181.9	7	~	~	~
Worcester	25	~	~	~	20	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	315	51.6	45.9	58.0	185	45.8	39.4	53.0	118	76.9	61.8	95.9
Montgomery	139	39.1	32.8	46.4	113	39.4	32.4	47.6	18	~	~	~
Prince George's	176	71.3	60.3	84.2	72	63.2	49.2	80.8	100	84.3	65.8	108.7
NORTHWEST REGION	132	70.1	58.4	83.7	127	69.8	58.0	83.7	~	~	~	~
Allegany	23	~	~	~	23	~	~	~	~	~	~	~
Frederick	46	65.5	47.3	89.5	42	63.3	45.0	87.8	~	~	~	~
Garrett	15	~	~	~	15	~	~	~	~	~	~	~
Washington	48	78.6	57.7	105.5	47	79.1	57.9	106.5	~	~	~	~
SOUTHERN REGION	75	76.9	59.7	98.7	63	77.2	58.7	101.5	11	~	~	~
Calvert	20	~	~	~	19	~	~	~	~	~	~	~
Charles	33	90.3	59.6	135.6	23	~	~	~	9	~	~	~
Saint Mary's	22	~	~	~	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 Cancer Registry

### Lung and Bronchus

**Table M.27. Number of Lung and Bronchus Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	1260	43.7	41.3	46.2	997	45.6	42.8	48.6	248	40.7	35.7	46.2
BALTIMORE METRO REGION	716	50.0	46.4	53.9	555	51.6	47.3	56.1	155	47.2	40.0	55.3
Anne Arundel	122	51.0	42.3	61.1	111	52.7	43.3	63.7	9	~	~	~
Baltimore City	221	56.7	49.4	64.8	107	69.4	56.3	85.7	113	49.5	40.8	59.6
Baltimore County	268	53.3	47.0	60.2	242	55.2	48.3	63.1	24	~	~	~
Carroll	32	40.3	27.5	57.8	32	41.4	28.3	59.4	~	~	~	~
Harford	45	41.0	29.9	55.3	43	42.7	30.9	58.1	~	~	~	~
Howard	28	29.2	19.3	42.7	20	~	~	~	7	~	~	~
EASTERN SHORE REGION	138	53.8	45.2	63.9	122	55.9	46.4	67.2	15	~	~	~
Caroline	10	~	~	~	9	~	~	~	~	~	~	~
Cecil	24	~	~	~	23	~	~	~	~	~	~	~
Dorchester	12	~	~	~	11	~	~	~	~	~	~	~
Kent	11	~	~	~	11	~	~	~	~	~	~	~
Queen Anne's	10	~	~	~	6	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	13	~	~	~	13	~	~	~	~	~	~	~
Wicomico	23	~	~	~	19	~	~	~	~	~	~	~
Worcester	30	78.2	52.4	117.8	26	79.6	51.6	126.1	~	~	~	~
NATIONAL CAPITAL REGION	264	32.5	28.7	36.8	190	34.6	29.8	40.0	67	32.9	25.1	42.5
Montgomery	133	27.1	22.6	32.2	116	28.8	23.7	35.0	12	~	~	~
Prince George's	131	40.3	33.6	48.1	74	48.6	38.2	61.7	55	35.8	26.4	47.8
NORTHWEST REGION	92	36.0	29.0	44.4	88	35.5	28.4	44.0	~	~	~	~
Allegany	17	~	~	~	17	~	~	~	~	~	~	~
Frederick	30	32.0	21.5	45.9	27	30.7	20.2	45.1	~	~	~	~
Garrett	6	~	~	~	6	~	~	~	~	~	~	~
Washington	39	46.8	33.2	65.1	38	46.8	33.0	65.7	~	~	~	~
SOUTHERN REGION	50	41.5	30.7	54.9	42	42.8	30.8	58.2	7	~	~	~
Calvert	16	~	~	~	14	~	~	~	~	~	~	~
Charles	20	~	~	~	15	~	~	~	~	~	~	~
Saint Mary's	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 Cancer Registry

## Melanomas

**Table M.28. Number of Melanomas of the Skin Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	137	2.7	2.2	3.2	129	3.3	2.8	4.0	7	~	~	~
BALTIMORE METRO REGION	60	2.4	1.8	3.1	59	3.1	2.4	4.0	~	~	~	~
Anne Arundel	14	~	~	~	14	~	~	~	~	~	~	~
Baltimore City	12	~	~	~	12	~	~	~	~	~	~	~
Baltimore County	18	~	~	~	17	~	~	~	~	~	~	~
Carroll	8	~	~	~	8	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	21	~	~	~	21	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	32	2.3	1.5	3.2	25	~	~	~	6	~	~	~
Montgomery	26	3.1	2.0	4.6	23	~	~	~	~	~	~	~
Prince George's	6	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	15	~	~	~	15	~	~	~	~	~	~	~
Allegany	6	~	~	~	6	~	~	~	~	~	~	~
Frederick	6	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	9	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Melanomas of the Skin**

**Table M.29. Number of Melanomas of the Skin Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland  
Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	86	3.9	3.1	4.8	82	4.8	3.8	6.0	~	~	~	~
BALTIMORE METRO REGION	40	3.7	2.6	5.1	40	4.8	3.4	6.6	~	~	~	~
Anne Arundel	9	~	~	~	9	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	13	~	~	~	13	~	~	~	~	~	~	~
Carroll	8	~	~	~	8	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	11	~	~	~	11	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	20	~	~	~	16	~	~	~	~	~	~	~
Montgomery	18	~	~	~	15	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	10	~	~	~	10	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Melanomas of the Skin**

**Table M.30. Number of Melanomas of the Skin Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland  
Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	51	1.7	1.3	2.3	47	2.1	1.6	2.9	~	~	~	~
BALTIMORE METRO REGION	20	~	~	~	19	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	7	~	~	~	7	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	10	~	~	~	10	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	12	~	~	~	9	~	~	~	~	~	~	~
Montgomery	8	~	~	~	8	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Female Breast

**Table M.31. Number of Breast Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	801	27.3	25.4	29.2	566	25.9	23.8	28.2	221	32.0	27.8	36.6
BALTIMORE METRO REGION	421	29.3	26.6	32.3	299	27.8	24.7	31.2	116	33.6	27.7	40.4
Anne Arundel	66	26.8	20.7	34.3	56	26.2	19.8	34.2	10	~	~	~
Baltimore City	139	36.6	30.7	43.3	55	35.9	26.6	48.6	83	36.6	29.1	45.4
Baltimore County	148	30.1	25.4	35.5	126	30.1	24.9	36.3	18	~	~	~
Carroll	24	~	~	~	22	~	~	~	~	~	~	~
Harford	22	~	~	~	20	~	~	~	~	~	~	~
Howard	22	~	~	~	20	~	~	~	~	~	~	~
EASTERN SHORE REGION	69	26.8	20.8	34.2	59	26.4	20.1	34.5	10	~	~	~
Caroline	6	~	~	~	6	~	~	~	~	~	~	~
Cecil	11	~	~	~	11	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	7	~	~	~	6	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	20	~	~	~	15	~	~	~	~	~	~	~
Worcester	11	~	~	~	9	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	208	23.8	20.7	27.3	116	21.5	17.7	26.0	84	30.4	23.7	38.9
Montgomery	113	22.2	18.3	26.8	88	21.9	17.5	27.3	18	~	~	~
Prince George's	95	24.8	20.0	30.6	28	19.3	12.8	28.5	66	29.1	21.8	38.7
NORTHWEST REGION	58	23.2	17.5	30.1	57	23.6	17.8	30.8	~	~	~	~
Allegany	16	~	~	~	16	~	~	~	~	~	~	~
Frederick	16	~	~	~	15	~	~	~	~	~	~	~
Garrett	6	~	~	~	6	~	~	~	~	~	~	~
Washington	20	~	~	~	20	~	~	~	~	~	~	~
SOUTHERN REGION	45	35.1	25.5	47.3	35	33.3	23.1	46.7	10	~	~	~
Calvert	13	~	~	~	11	~	~	~	~	~	~	~
Charles	27	52.8	34.6	77.9	19	~	~	~	8	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Cervix

**Table M.32. Number of Cervical Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	82	2.8	2.2	3.5	48	2.3	1.7	3.1	32	4.6	3.1	6.6
BALTIMORE METRO REGION	41	2.9	2.1	4.0	21	~	~	~	20	~	~	~
Anne Arundel	6	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	20	~	~	~	~	~	~	~	16	~	~	~
Baltimore County	10	~	~	~	9	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	7	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	22	~	~	~	11	~	~	~	9	~	~	~
Montgomery	9	~	~	~	7	~	~	~	~	~	~	~
Prince George's	13	~	~	~	~	~	~	~	9	~	~	~
NORTHWEST REGION	9	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

***Uterus***

**Table M.33. Number of Uterine Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	130	4.4	3.7	5.3	91	4.0	3.2	5.0	37	6.2	4.3	8.6
BALTIMORE METRO REGION	72	4.9	3.8	6.2	52	4.5	3.4	6.0	19	~	~	~
Anne Arundel	14	~	~	~	9	~	~	~	~	~	~	~
Baltimore City	17	~	~	~	9	~	~	~	8	~	~	~
Baltimore County	24	~	~	~	18	~	~	~	6	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	8	~	~	~	7	~	~	~	~	~	~	~
EASTERN SHORE REGION	10	~	~	~	6	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	33	3.9	2.7	5.6	19	~	~	~	13	~	~	~
Montgomery	15	~	~	~	10	~	~	~	~	~	~	~
Prince George's	18	~	~	~	9	~	~	~	9	~	~	~
NORTHWEST REGION	9	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Ovary

**Table M.34. Number of Ovarian Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	254	8.8	7.7	9.9	204	9.5	8.2	10.9	47	7.7	5.7	10.4
BALTIMORE METRO REGION	128	9.0	7.5	10.7	99	9.4	7.6	11.5	27	8.2	5.4	11.9
Anne Arundel	33	13.6	9.4	19.3	30	14.0	9.4	20.3	~	~	~	~
Baltimore City	31	7.8	5.2	11.2	13	~	~	~	18	~	~	~
Baltimore County	41	8.5	6.1	11.7	38	9.3	6.5	13.2	~	~	~	~
Carroll	7	~	~	~	7	~	~	~	~	~	~	~
Harford	7	~	~	~	6	~	~	~	~	~	~	~
Howard	9	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	24	~	~	~	22	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	64	7.7	5.9	9.9	48	8.9	6.6	12.0	15	~	~	~
Montgomery	37	7.7	5.4	10.8	36	9.5	6.6	13.6	~	~	~	~
Prince George's	27	8.2	5.4	12.1	12	~	~	~	15	~	~	~
NORTHWEST REGION	23	~	~	~	22	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	10	~	~	~	9	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	15	~	~	~	13	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	10	~	~	~	8	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Prostate

**Table M.35. Number of Prostate Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	552	31.3	28.7	34.1	355	25.1	22.5	27.9	188	65.7	56.2	76.6
BALTIMORE METRO REGION	297	34.1	30.3	38.4	191	27.6	23.7	31.9	103	64.4	52.0	79.3
Anne Arundel	40	27.8	19.4	39.1	31	24.1	16.0	35.4	8	~	~	~
Baltimore City	113	47.0	38.7	56.8	34	28.7	19.9	41.2	79	67.8	53.2	85.8
Baltimore County	94	29.3	23.6	36.0	82	27.5	21.8	34.4	11	~	~	~
Carroll	17	~	~	~	17	~	~	~	~	~	~	~
Harford	19	~	~	~	16	~	~	~	~	~	~	~
Howard	14	~	~	~	11	~	~	~	~	~	~	~
EASTERN SHORE REGION	62	35.4	27.0	46.0	37	24.1	16.8	33.9	24	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	12	~	~	~	9	~	~	~	~	~	~	~
Dorchester	9	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	10	~	~	~	7	~	~	~	~	~	~	~
Wicomico	10	~	~	~	~	~	~	~	~	~	~	~
Worcester	6	~	~	~	6	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	130	26.5	22.0	31.6	76	20.9	16.4	26.2	50	57.1	41.0	78.1
Montgomery	67	21.3	16.5	27.1	55	20.7	15.6	27.1	8	~	~	~
Prince George's	63	37.1	28.0	48.5	21	~	~	~	42	66.5	45.9	94.4
NORTHWEST REGION	42	26.6	19.0	36.4	38	25.2	17.7	35.0	~	~	~	~
Allegany	9	~	~	~	9	~	~	~	~	~	~	~
Frederick	13	~	~	~	9	~	~	~	~	~	~	~
Garrett	7	~	~	~	7	~	~	~	~	~	~	~
Washington	13	~	~	~	13	~	~	~	~	~	~	~
SOUTHERN REGION	21	~	~	~	13	~	~	~	7	~	~	~
Calvert	7	~	~	~	~	~	~	~	~	~	~	~
Charles	9	~	~	~	6	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

**Testis**

**Table M.36. Number of Testicular Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	~	~	~	~	~	~	~	~	~	~	~	~
BALTIMORE METRO REGION	~	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	~	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Urinary Bladder**

**Table M.37. Number of Urinary Bladder Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	225	4.6	4.0	5.2	193	5.0	4.4	5.8	30	3.3	2.2	4.8
BALTIMORE METRO REGION	114	4.7	3.9	5.6	98	5.2	4.2	6.4	16	~	~	~
Anne Arundel	25	~	~	~	24	~	~	~	~	~	~	~
Baltimore City	25	~	~	~	15	~	~	~	10	~	~	~
Baltimore County	45	5.1	3.7	6.9	40	5.2	3.7	7.2	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	9	~	~	~	9	~	~	~	~	~	~	~
EASTERN SHORE REGION	20	~	~	~	17	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	6	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	59	4.3	3.2	5.5	46	4.8	3.5	6.5	11	~	~	~
Montgomery	32	3.9	2.6	5.5	28	4.1	2.7	6.1	~	~	~	~
Prince George's	27	5.2	3.3	7.7	18	~	~	~	9	~	~	~
NORTHWEST REGION	29	6.5	4.3	9.3	29	6.7	4.5	9.7	~	~	~	~
Allegany	7	~	~	~	7	~	~	~	~	~	~	~
Frederick	6	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	12	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Urinary Bladder**

**Table M.38. Number of Urinary Bladder Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	145	7.6	6.3	9.0	131	8.5	7.1	10.2	14	~	~	~
BALTIMORE METRO REGION	74	7.9	6.1	10.0	67	8.8	6.8	11.4	7	~	~	~
Anne Arundel	17	~	~	~	16	~	~	~	~	~	~	~
Baltimore City	13	~	~	~	10	~	~	~	~	~	~	~
Baltimore County	30	8.5	5.7	12.4	27	8.5	5.6	12.6	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	16	~	~	~	14	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	6	~	~	~	6	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	35	6.6	4.5	9.4	30	8.0	5.4	11.5	~	~	~	~
Montgomery	18	~	~	~	17	~	~	~	~	~	~	~
Prince George's	17	~	~	~	13	~	~	~	~	~	~	~
NORTHWEST REGION	18	~	~	~	18	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Urinary Bladder**

**Table M.39. Number of Urinary Bladder Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	80	2.7	2.2	3.4	62	2.7	2.1	3.5	16	~	~	~
BALTIMORE METRO REGION	40	2.7	1.9	3.7	31	2.7	1.8	4.0	9	~	~	~
Anne Arundel	8	~	~	~	8	~	~	~	~	~	~	~
Baltimore City	12	~	~	~	~	~	~	~	7	~	~	~
Baltimore County	15	~	~	~	13	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	24	~	~	~	16	~	~	~	6	~	~	~
Montgomery	14	~	~	~	11	~	~	~	~	~	~	~
Prince George's	10	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	11	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Kidney and Renal Pelvis

**Table M.40. Number of Kidney and Renal Pelvis Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	219	4.3	3.8	4.9	177	4.6	4.0	5.4	38	3.5	2.4	4.9
BALTIMORE METRO REGION	111	4.5	3.7	5.4	92	4.9	4.0	6.0	19	~	~	~
Anne Arundel	20	~	~	~	17	~	~	~	~	~	~	~
Baltimore City	25	~	~	~	13	~	~	~	12	~	~	~
Baltimore County	45	5.3	3.8	7.1	43	5.8	4.2	8.0	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	11	~	~	~	10	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	27	5.8	3.8	8.5	25	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	8	~	~	~	7	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	54	3.8	2.8	5.0	35	3.7	2.6	5.2	15	~	~	~
Montgomery	31	3.7	2.5	5.3	24	~	~	~	~	~	~	~
Prince George's	23	~	~	~	11	~	~	~	12	~	~	~
NORTHWEST REGION	15	~	~	~	15	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	12	~	~	~	10	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	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

## Kidney and Renal Pelvis

**Table M.41. Number of Kidney and Renal Pelvis Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	140	6.3	5.3	7.6	115	6.7	5.6	8.2	23	~	~	~
BALTIMORE METRO REGION	70	6.7	5.2	8.6	58	7.0	5.3	9.2	12	~	~	~
Anne Arundel	14	~	~	~	11	~	~	~	~	~	~	~
Baltimore City	14	~	~	~	9	~	~	~	~	~	~	~
Baltimore County	27	7.5	4.9	11.1	25	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	10	~	~	~	9	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	22	~	~	~	21	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	8	~	~	~	7	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	33	5.5	3.7	7.9	23	~	~	~	8	~	~	~
Montgomery	21	~	~	~	17	~	~	~	~	~	~	~
Prince George's	12	~	~	~	6	~	~	~	6	~	~	~
NORTHWEST REGION	9	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Kidney and Renal Pelvis

**Table M.42. Number of Kidney and Renal Pelvis Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	79	2.7	2.2	3.4	62	2.8	2.1	3.6	15	~	~	~
BALTIMORE METRO REGION	41	2.9	2.1	3.9	34	3.1	2.2	4.5	7	~	~	~
Anne Arundel	6	~	~	~	6	~	~	~	~	~	~	~
Baltimore City	11	~	~	~	~	~	~	~	7	~	~	~
Baltimore County	18	~	~	~	18	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	21	~	~	~	12	~	~	~	7	~	~	~
Montgomery	10	~	~	~	7	~	~	~	~	~	~	~
Prince George's	11	~	~	~	~	~	~	~	6	~	~	~
NORTHWEST REGION	6	~	~	~	6	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	6	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Brain and Other Nervous System**

**Table M.43. Number of Brain and Other Nervous System Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	216	4.1	3.6	4.7	174	4.5	3.9	5.3	33	2.6	1.8	3.8
BALTIMORE METRO REGION	101	4.0	3.2	4.8	83	4.4	3.5	5.5	16	~	~	~
Anne Arundel	22	~	~	~	20	~	~	~	~	~	~	~
Baltimore City	16	~	~	~	8	~	~	~	8	~	~	~
Baltimore County	36	4.2	3.0	5.9	31	4.4	2.9	6.4	~	~	~	~
Carroll	7	~	~	~	7	~	~	~	~	~	~	~
Harford	7	~	~	~	6	~	~	~	~	~	~	~
Howard	13	~	~	~	11	~	~	~	~	~	~	~
EASTERN SHORE REGION	20	~	~	~	17	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	60	3.9	2.9	5.0	39	4.1	2.9	5.6	14	~	~	~
Montgomery	37	4.2	2.9	5.8	30	4.3	2.9	6.4	~	~	~	~
Prince George's	23	~	~	~	9	~	~	~	13	~	~	~
NORTHWEST REGION	24	~	~	~	24	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	15	~	~	~	15	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	7	~	~	~	7	~	~	~	~	~	~	~
SOUTHERN REGION	11	~	~	~	11	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Brain and Other Nervous System**

**Table M.44. Number of Brain and Other Nervous System Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	132	5.5	4.6	6.6	106	6.0	4.9	7.3	21	~	~	~
BALTIMORE METRO REGION	62	5.5	4.2	7.1	52	6.0	4.5	8.0	9	~	~	~
Anne Arundel	14	~	~	~	13	~	~	~	~	~	~	~
Baltimore City	11	~	~	~	~	~	~	~	7	~	~	~
Baltimore County	20	~	~	~	18	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	6	~	~	~	6	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	10	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	35	5.0	3.4	7.2	22	~	~	~	9	~	~	~
Montgomery	21	~	~	~	17	~	~	~	~	~	~	~
Prince George's	14	~	~	~	~	~	~	~	8	~	~	~
NORTHWEST REGION	14	~	~	~	14	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Brain and Other Nervous System**

**Table M.45. Number of Brain and Other Nervous System Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	84	2.9	2.3	3.6	68	3.2	2.5	4.1	12	~	~	~
BALTIMORE METRO REGION	39	2.8	2.0	3.8	31	2.9	2.0	4.2	7	~	~	~
Anne Arundel	8	~	~	~	7	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	16	~	~	~	13	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	7	~	~	~	7	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	25	~	~	~	17	~	~	~	~	~	~	~
Montgomery	16	~	~	~	13	~	~	~	~	~	~	~
Prince George's	9	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	10	~	~	~	10	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	8	~	~	~	8	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## **Thyroid**

**Table M.46. Number of Thyroid Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	16	~	~	~	12	~	~	~	~	~	~	~
BALTIMORE METRO REGION	~	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	8	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Thyroid

**Table M.47. Number of Thyroid Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	6	~	~	~	~	~	~	~	~	~	~	~
BALTIMORE METRO REGION	~	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	~	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Thyroid

**Table M.48. Number of Thyroid Cancer Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Females, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	10	~	~	~	8	~	~	~	~	~	~	~
BALTIMORE METRO REGION	~	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	6	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### Hodgkin Lymphoma

**Table M.49. Number of Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	23	~	~	~	18	~	~	~	~	~	~	~
BALTIMORE METRO REGION	8	~	~	~	8	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	9	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	7	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Hodgkin Lymphoma**

**Table M.50. Number of Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	14	~	~	~	9	~	~	~	~	~	~	~
BALTIMORE METRO REGION	7	~	~	~	7	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	6	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Hodgkin Lymphoma**

**Table M.51. Number of Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	9	~	~	~	9	~	~	~	~	~	~	~
BALTIMORE METRO REGION	~	~	~	~	~	~	~	~	~	~	~	~
Anne Arundel	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	~	~	~	~	~	~	~	~	~	~	~	~
Baltimore County	~	~	~	~	~	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	~	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	~	~	~	~	~	~	~	~	~	~	~	~
Montgomery	~	~	~	~	~	~	~	~	~	~	~	~
Prince George's	~	~	~	~	~	~	~	~	~	~	~	~
NORTHWEST REGION	~	~	~	~	~	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Non-Hodgkin Lymphoma**

**Table M.52. Number of Non-Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	369	7.4	6.7	8.2	307	8.0	7.1	8.9	55	5.2	3.9	6.9
BALTIMORE METRO REGION	190	7.7	6.6	8.9	160	8.4	7.2	9.9	29	5.0	3.3	7.4
Anne Arundel	21	~	~	~	20	~	~	~	~	~	~	~
Baltimore City	43	6.5	4.7	8.8	27	9.3	6.1	14.3	16	~	~	~
Baltimore County	78	9.0	7.1	11.2	70	9.1	7.1	11.7	8	~	~	~
Carroll	18	~	~	~	15	~	~	~	~	~	~	~
Harford	19	~	~	~	19	~	~	~	~	~	~	~
Howard	11	~	~	~	9	~	~	~	~	~	~	~
EASTERN SHORE REGION	31	6.8	4.6	9.8	29	7.4	4.9	10.8	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	10	~	~	~	10	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	92	6.7	5.4	8.2	66	7.1	5.5	9.1	21	~	~	~
Montgomery	62	7.6	5.8	9.8	52	7.8	5.8	10.4	7	~	~	~
Prince George's	30	5.1	3.4	7.4	14	~	~	~	14	~	~	~
NORTHWEST REGION	37	8.3	5.8	11.5	37	8.6	6.0	11.9	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	15	~	~	~	15	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	17	~	~	~	17	~	~	~	~	~	~	~
SOUTHERN REGION	19	~	~	~	15	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	11	~	~	~	7	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Non-Hodgkin Lymphoma**

**Table M.53. Number of Non-Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	185	9.1	7.8	10.6	147	9.3	7.8	11.0	34	8.0	5.3	12.0
BALTIMORE METRO REGION	83	8.2	6.5	10.3	68	8.8	6.8	11.3	15	~	~	~
Anne Arundel	10	~	~	~	10	~	~	~	~	~	~	~
Baltimore City	14	~	~	~	10	~	~	~	~	~	~	~
Baltimore County	39	11.0	7.8	15.2	31	9.8	6.7	14.2	8	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	8	~	~	~	8	~	~	~	~	~	~	~
Howard	7	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	16	~	~	~	15	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	6	~	~	~	6	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	52	9.5	7.0	12.6	34	8.8	6.1	12.5	15	~	~	~
Montgomery	32	9.8	6.7	14.0	26	9.6	6.3	14.3	~	~	~	~
Prince George's	20	~	~	~	8	~	~	~	11	~	~	~
NORTHWEST REGION	24	~	~	~	24	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	10	~	~	~	10	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	11	~	~	~	11	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	6	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	8	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Non-Hodgkin Lymphoma**

**Table M.54. Number of Non-Hodgkin Lymphoma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	184	6.3	5.4	7.3	160	7.1	6.1	8.4	21	~	~	~
BALTIMORE METRO REGION	107	7.3	6.0	8.8	92	8.2	6.6	10.1	14	~	~	~
Anne Arundel	11	~	~	~	10	~	~	~	~	~	~	~
Baltimore City	29	7.2	4.8	10.4	17	~	~	~	12	~	~	~
Baltimore County	39	7.6	5.4	10.6	39	8.9	6.2	12.6	~	~	~	~
Carroll	13	~	~	~	11	~	~	~	~	~	~	~
Harford	11	~	~	~	11	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	15	~	~	~	14	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	40	4.8	3.4	6.6	32	6.0	4.1	8.7	6	~	~	~
Montgomery	30	6.1	4.1	8.9	26	6.7	4.3	10.2	~	~	~	~
Prince George's	10	~	~	~	6	~	~	~	~	~	~	~
NORTHWEST REGION	13	~	~	~	13	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	6	~	~	~	6	~	~	~	~	~	~	~
SOUTHERN REGION	9	~	~	~	9	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Multiple Myeloma**

**Table M.55. Number of Multiple Myeloma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Both Genders, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	202	4.0	3.5	4.6	122	3.2	2.6	3.8	78	8.0	6.3	10.1
BALTIMORE METRO REGION	96	3.9	3.1	4.8	51	2.7	2.0	3.6	45	8.8	6.4	11.9
Anne Arundel	16	~	~	~	10	~	~	~	6	~	~	~
Baltimore City	27	4.1	2.7	5.9	~	~	~	~	23	~	~	~
Baltimore County	38	4.4	3.1	6.0	26	3.4	2.2	5.2	12	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	6	~	~	~	6	~	~	~	~	~	~	~
Howard	8	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	21	~	~	~	15	~	~	~	6	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	57	4.0	3.0	5.2	29	3.0	2.0	4.4	26	7.1	4.5	11.1
Montgomery	23	~	~	~	20	~	~	~	~	~	~	~
Prince George's	34	6.0	4.1	8.6	9	~	~	~	24	~	~	~
NORTHWEST REGION	18	~	~	~	17	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	6	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	10	~	~	~	10	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Multiple Myeloma**

**Table M.56. Number of Multiple Myeloma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
**Males, 2001**

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	111	5.3	4.3	6.4	72	4.5	3.5	5.7	38	9.5	6.4	13.8
BALTIMORE METRO REGION	47	4.6	3.4	6.3	28	3.5	2.3	5.2	19	~	~	~
Anne Arundel	7	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	9	~	~	~	~	~	~	~	7	~	~	~
Baltimore County	23	~	~	~	16	~	~	~	7	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	10	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	34	5.7	3.9	8.2	17	~	~	~	16	~	~	~
Montgomery	12	~	~	~	10	~	~	~	~	~	~	~
Prince George's	22	~	~	~	7	~	~	~	14	~	~	~
NORTHWEST REGION	9	~	~	~	9	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	8	~	~	~	8	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

### **Multiple Myeloma**

**Table M.57. Number of Multiple Myeloma Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	91	3.1	2.5	3.9	50	2.2	1.6	3.0	40	7.1	5.1	9.8
BALTIMORE METRO REGION	49	3.4	2.5	4.5	23	~	~	~	26	8.3	5.4	12.2
Anne Arundel	9	~	~	~	~	~	~	~	~	~	~	~
Baltimore City	18	~	~	~	~	~	~	~	16	~	~	~
Baltimore County	15	~	~	~	10	~	~	~	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	8	~	~	~	~	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	23	~	~	~	12	~	~	~	10	~	~	~
Montgomery	11	~	~	~	10	~	~	~	~	~	~	~
Prince George's	12	~	~	~	~	~	~	~	10	~	~	~
NORTHWEST REGION	9	~	~	~	8	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	~	~	~	~	~	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	~	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Leukemia

**Table M.58. Number of Leukemia Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**  
 Both Genders, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	373	7.5	6.7	8.3	299	7.8	7.0	8.8	63	5.9	4.5	7.8
BALTIMORE METRO REGION	181	7.3	6.3	8.5	147	7.8	6.6	9.2	34	6.1	4.2	8.6
Anne Arundel	27	6.6	4.3	9.8	27	7.5	4.9	11.1	~	~	~	~
Baltimore City	51	7.7	5.7	10.1	25	~	~	~	26	6.9	4.5	10.3
Baltimore County	71	8.1	6.3	10.3	63	8.2	6.2	10.6	8	~	~	~
Carroll	10	~	~	~	10	~	~	~	~	~	~	~
Harford	14	~	~	~	14	~	~	~	~	~	~	~
Howard	8	~	~	~	8	~	~	~	~	~	~	~
EASTERN SHORE REGION	28	6.3	4.2	9.2	26	6.9	4.5	10.3	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	7	~	~	~	6	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	108	7.7	6.3	9.3	76	8.0	6.3	10.1	21	~	~	~
Montgomery	66	7.8	6.0	9.9	54	7.9	5.9	10.4	~	~	~	~
Prince George's	42	7.8	5.5	10.7	22	~	~	~	16	~	~	~
NORTHWEST REGION	36	8.0	5.6	11.1	35	8.1	5.6	11.3	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	16	~	~	~	15	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	14	~	~	~	14	~	~	~	~	~	~	~
SOUTHERN REGION	20	~	~	~	15	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	11	~	~	~	9	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Leukemia

**Table M.59. Number of Leukemia Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Males, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	214	10.7	9.3	12.3	174	11.2	9.5	13.0	30	8.0	5.1	12.3
BALTIMORE METRO REGION	94	9.7	7.8	12.0	79	10.6	8.4	13.4	15	~	~	~
Anne Arundel	15	~	~	~	15	~	~	~	~	~	~	~
Baltimore City	26	10.7	6.9	15.9	14	~	~	~	12	~	~	~
Baltimore County	35	10.0	6.9	14.1	32	10.2	7.0	14.7	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	9	~	~	~	9	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	15	~	~	~	13	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	66	11.8	9.0	15.3	48	12.4	9.1	16.6	8	~	~	~
Montgomery	46	13.4	9.8	18.1	37	13.2	9.3	18.4	~	~	~	~
Prince George's	20	~	~	~	11	~	~	~	6	~	~	~
NORTHWEST REGION	25	~	~	~	24	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	9	~	~	~	8	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	12	~	~	~	12	~	~	~	~	~	~	~
SOUTHERN REGION	14	~	~	~	10	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	8	~	~	~	7	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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

## Leukemia

**Table M.60. Number of Leukemia Deaths, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Region, County and Race, Maryland**

Females, 2001

Area	All Races				White				Black			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
MARYLAND	159	5.5	4.6	6.4	125	5.7	4.7	6.8	33	5.0	3.4	7.2
BALTIMORE METRO REGION	87	6.0	4.8	7.4	68	6.2	4.8	7.9	19	~	~	~
Anne Arundel	12	~	~	~	12	~	~	~	~	~	~	~
Baltimore City	25	~	~	~	11	~	~	~	14	~	~	~
Baltimore County	36	7.1	4.9	10.0	31	7.0	4.7	10.5	~	~	~	~
Carroll	~	~	~	~	~	~	~	~	~	~	~	~
Harford	~	~	~	~	~	~	~	~	~	~	~	~
Howard	~	~	~	~	~	~	~	~	~	~	~	~
EASTERN SHORE REGION	13	~	~	~	13	~	~	~	~	~	~	~
Caroline	~	~	~	~	~	~	~	~	~	~	~	~
Cecil	~	~	~	~	~	~	~	~	~	~	~	~
Dorchester	~	~	~	~	~	~	~	~	~	~	~	~
Kent	~	~	~	~	~	~	~	~	~	~	~	~
Queen Anne's	~	~	~	~	~	~	~	~	~	~	~	~
Somerset	~	~	~	~	~	~	~	~	~	~	~	~
Talbot	~	~	~	~	~	~	~	~	~	~	~	~
Wicomico	~	~	~	~	~	~	~	~	~	~	~	~
Worcester	~	~	~	~	~	~	~	~	~	~	~	~
NATIONAL CAPITAL REGION	42	5.1	3.7	7.0	28	5.1	3.4	7.6	13	~	~	~
Montgomery	20	~	~	~	17	~	~	~	~	~	~	~
Prince George's	22	~	~	~	11	~	~	~	10	~	~	~
NORTHWEST REGION	11	~	~	~	11	~	~	~	~	~	~	~
Allegany	~	~	~	~	~	~	~	~	~	~	~	~
Frederick	7	~	~	~	7	~	~	~	~	~	~	~
Garrett	~	~	~	~	~	~	~	~	~	~	~	~
Washington	~	~	~	~	~	~	~	~	~	~	~	~
SOUTHERN REGION	6	~	~	~	~	~	~	~	~	~	~	~
Calvert	~	~	~	~	~	~	~	~	~	~	~	~
Charles	~	~	~	~	~	~	~	~	~	~	~	~
Saint Mary's	~	~	~	~	~	~	~	~	~	~	~	~

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



**APPENDICES**



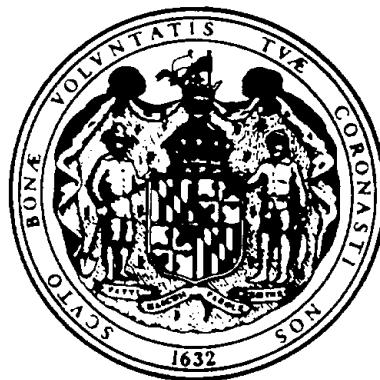
## **APPENDIX A. CODE OF MARYLAND REGULATIONS**



# **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-O-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-O-2 topography codes C44.0—C44.9) with a behavior code of "2" (in situ) 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 233.2, 233.5, and 233.6, and ICD-O-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.

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**.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.

**10.14.01.06 DEPARTMENT OF HEALTH AND MENTAL HYGIENE**

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)



## **APPENDIX B. SEER PRIMARY SITE GROUPINGS**



SEER Cancer Site Groupings based on International Classification of Disease for Oncology  
Third Edition (ICD-O-3) Topography and Morphology Codes

Major Sites	ICD-O-3 Topography (C) /Morpology (M) Code	Excluding Morphology Codes
Oral Cavity and Pharynx	C00.0-C14.8	M9590-M9989
Esophagus	C15.0-C15.9	M9590-M9989
Stomach	C16.0-C16.9	M9590-M9989
Colon and Rectum	C18.0-C18.9, C19.9, C20.9, C26.0	M9590-M9989
Liver and Intrahepatic Bile Duct	C22.0-C22.1	M9590-M9989
Pancreas	C25.0-C25.9	M9590-M9989
Larynx	C32.0-C32.9	M9590-M9989
Lung and Bronchus	C34.0-C34.9	M9590-M9989
Melanomas of the Skin	C44.0-C44.9 (M8720-M8790 only)	-
Breast	C50.0-C50.9	M9590-M9989
Cervix	C53.0-C53.9	M9590-M9989
Uterus	C54.0-C54.9, C55.9	M9590-M9989
Ovary	C56.9	M9590-M9989
Prostate	C61.9	M9590-M9989
Testis	C62.0-C62.9	M9590-M9989
Urinary Bladder	C67.0-C67.9	M9590-M9989
Kidney and Renal Pelvis	C64.9, C65.9	M9590-M9989
Brain and Nervous System	C70.0-C72.9	M9590-M9989
Thyroid	C73.9	M9590-M9989
Hodgkin Lymphoma	M9650-M9667	-
Non-Hodgkin Lymphoma	M9590-M9596, M9670-M9729 (all topography codes); M9823, M9827 (excluding C42.0, C42.2, C42.4)	-
Multiple Myeloma	M9731-M9732, M9734	-
Leukemia	M9800-M9948, 9963, 9964, 9733, 9742 (all topography codes); M9823, M9827 (C42.0, C42.2, C42.4 only)	-



## **APPENDIX C. YEAR 2000 STANDARD POPULATION**



### **2000 U.S. Standard Populations**

Age Group	Population
<1 years	13,818
01-04 years	55,317
05-09 years	72,533
10-14 years	73,032
15-19 years	72,169
20-24 years	66,478
25-29 years	64,529
30-34 years	71,044
35-39 years	80,762
40-44 years	81,851
45-49 years	72,118
50-54 years	62,716
55-59 years	48,454
60-64 years	38,793
65-69 years	34,264
70-74 years	31,773
75-79 years	26,999
80-84 years	17,842
85+ years	15,508

Source: National Cancer Institute



*The services and facilities of the Maryland State Department of Health and Mental Hygiene (DHMH) are operated on a non-discriminatory basis. This policy prohibits discrimination on the basis of race, color, sex, or national origin and applies to the provisions of employment and granting of advantages, privileges and accommodations.*

*The Department, in compliance with the Americans with Disabilities Act, ensures that qualified individuals with disabilities are given an opportunity to participate in and benefit from DHMH services, programs, benefits, and employment opportunities.*