Maryland Department of Health & Mental Hygiene

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Cancer in Maryland Incidence Report (Selected Tables) Years 2002—2007

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(Selected Tables) 2002—2007

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

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Maryland Cancer Registry

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The Maryland Cancer Registry (MCR) presents this abridged incidence report for years 2002, 2003, 2004, 2005, 2006, and 2007. This report presents cancer incidence cases and rates by year, site, race, and gender.

Additional breakdown of data can be found at the following sites. At some of these sites additional user-defined queries are possible to obtain additional information:

- State Cancer Profiles (http://statecancerprofiles.cancer.gov/),
- Center for Disease Control (CDC) Wonder (http://wonder.cdc.gov/cancer.html),
- CDC National Program of Cancer Registries (NPCR) United States Cancer Statistics (http://apps.nccd.cdc.gov/uscs/),
- Cancer Control PLANET (http://cancercontrolplanet.cancer.gov/); and
- by request from the MCR (http://fha.maryland.gov/cancer/mcr_home.cfm and http://fha.maryland.gov/cancer/mcr_data.cfm).

Maryland Cancer Registry

The Maryland Cancer Registry, Center for Cancer Surveillance and Control, Department of Health and Mental Hygiene (DHMH), is a computerized data system that registers all new cases of reportable cancers (excluding non-genital squamous cell or basal cell carcinoma) that are diagnosed or treated in Maryland and reported to the MCR. Incidence rates used in this report were calculated using cases reported to the MCR for diagnosis years 2002, 2003, 2004, 2005, 2006 and 2007.

The Maryland cancer reporting law and regulations mandate the collection of cancer information from Maryland licensed hospitals, radiation therapy centers, diagnostic pathology laboratories, freestanding ambulatory care facilities, surgical centers, and physicians whose non-hospitalized cancer patients are not otherwise reported. (Annotated Code of Maryland, Health-General §18-203 and §18-204 and Code of Maryland Regulations 10.14.01) MCR also participates in data exchange agreements with 13 other states/jurisdictions, including Delaware, Pennsylvania, Virginia, West Virginia, and the District of Columbia. Information on Maryland residents diagnosed or treated for cancer in these jurisdictions is reported to Maryland and included in this report.

Data Considerations

This report provides cancer incidence for the State of Maryland. Age-adjusted rates are standardized to the 2000 U.S. standard population. Data tables include counts for major cancer sites and age-adjusted incidence rates (by incidence year, site, gender, and race).

Cancer Case Reporting Definition

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:
Invasive cancers that are defined using American Cancer Society (ACS) criteria, and
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, 2002 and December 31, 2007. Cancer sites are grouped according to the conventions of the SEER Program using the International Classification of Disease, Third Edition (ICD-O-3) by the World Health Organization (WHO) are shown in Table A. Only new cases diagnosed among Maryland residents are included in the analyses.

Table A

International Classification of Diseases for Oncology, Third Edition (ICD-O-3)* Codes Used for Maryland Cancer Registry Cancer Abridged Incidence Report		
	Topography (Site)	**Histology**
All sites	C00.0 – C80.9	Includes all invasive cancers of all sites except --excludes basal and squamous cell skin cancers; Includes in situ cancer of the urinary bladder
Brain and Other Nervous System	C70.0--C72.9	Excludes codes 9050-9055, 9140, and 9590-9989
Cervix	C53.0--C53.9	Excludes codes 9050-9055, 9140, and 9590-9989
Colon and Rectum	C18.0--C20.9, C26.0	Excludes codes 9050-9055, 9140, and 9590-9989
Corpus and Uterus NOS	C54.0--C54.9, C55.9	Excludes codes 9050-9055, 9140, and 9590-9989
Esophagus	C15.0--C15.9	Excludes codes 9050-9055, 9140, and 9590-9989
Female Breast	C50.0--C50.9	Excludes codes 9050-9055, 9140, and 9590-9989
Hodgkins Lymphoma	C 00.0--C80.9	Includes codes 9650-9667
Kidney and Renal Pelvis	C64.9, C65.9	Excludes codes 9050-9055, 9140, and 9590-9989
Larynx	C32.0--C32.9	Excludes codes 9050-9055, 9140, and 9590-9989
Leukemia	C00.0--C80.9	Includes codes 9733, 9742, 9800, 9801, 9805, 9820, 9826, 9831-9837, 9840, 9860, 9861, 9863, 9866, 9867, 9870-9876, 9891, 9895-9897, 9910, 9920, 9930, 9931, 9940, 9945, 9946, 9948, 9963, 9964
	C42.0, C42.1, C42.4	Includes codes 9823, 9827
Liver and Intrahepatic Bile Duct	C22.0, C22.1	Excludes codes 9050-9055, 9140, and 9590-9989
Lung and Bronchus	C34.0--C34.9	Excludes codes 9050-9055, 9140, and 9590-9989
Multiple Myeloma	C42.1, C42.0, C42.4	Includes codes 9731-9732, 9734
Myelodysplastic Syndromes	C42.1	Includes codes 9980,9982-9987,9989
Non-Hodgkins Lymphoma	C00.0--C80.9	Includes codes 9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691,9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729,
	C00.0--C80.9 excluding codes C42.0, C42.1, C42.2	Includes codes 9823, 9827
Oral Cavity and Pharynx	C00.0--C14.8	Excludes codes 9050-9055, 9140, and 9590-9989
Ovary	C56.9	Excludes codes 9050-9055, 9140, and 9590-9989
Pancreas	C25.0--C25.9	Excludes codes 9050-9055, 9140, and 9590-9990
Prostate	C61.9	Excludes codes 9050-9055, 9140, and 9590-9990

	Topography (Site)	Histology
Skin Melanoma	C44.0--C44.9	Includes codes 8720-8790
Stomach	C16.0--C16.9	Excludes codes 9050-9055, 9140, and 9590-9990
Testis	C62.0--C62.9	Excludes codes 9050-9055, 9140, and 9590-9990
Thyroid	C73.9	Excludes codes 9050-9055, 9140, and 9590-9990
Urinary Bladder (includes in situ and malignant)	C67.0--C67.9	Excludes codes 9050-9055, 9140, and 9590-9990
*See http://www.who.int/classifications/icd/adaptations/oncology/en/index.html		

Incidence rates are presented stratified by site of cancer, race and gender.

Race
Race-specific rates for 2002 through 2007 data are reported as white and Black or African American. Rates for all races include white, black or African American, other races, and those with unknown race.

Gender
Gender-specific rates for 2002 through 2007 data are reported as male and female. Totals for gender-specific rates do not include any other known or unknown gender classifications.

Population Estimates
Maryland 2002 through 2007 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.

Age-Adjustment
Age-adjustment is the process used to compare incidence 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.

Year 2000 U.S. Population Standard
All 2002 through 2007 incidence 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, in five year age groups to 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.

Age at Diagnosis

The following table records the number of cases with missing age incidence dataset.

Number of Cases Without Age by Incidence Year	
Incidence Year	**Number of Cases Without Age**
2002	14 cases
2003	2 cases
2004	6 cases
2005	2 cases
2006	11 cases
2007	4 cases

These cases with unknown age 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.

Data Confidentiality

The Maryland Department of Health and Mental Hygiene (DHMH) regards 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, and regulations established for and by the State of Maryland as set forth in the Md. Code Ann., Health-General §§18-203-18-204, the Code of Maryland Regulations 10.14.01, Cancer Registry, and policies available at http://fha.maryland.gov/cancer/mcr_data.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 16 cases are not presented.

Data Tables

The data tables present 2002 through 2007 cancer incidence by site, gender, and race for the State of Maryland. 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 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 16 cases are not presented.

Maryland Cancer Incidence Cases by Year, Selected Site, Race, and Gender

2002 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 1a. 2002 Both Genders Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	26,257	495.9	489.9	502.0	18,907	485.1	478.2	492.1	5,467	459.1	446.6	472.0
Brain	367	6.9	6.2	7.7	307	8.1	7.2	9.1	46	3.5	2.5	4.7
Cervix	248	8.5	7.5	9.6	133	6.6	5.5	7.8	77	10.4	8.1	13.0
Colon and Rectum	2,683	51.4	49.5	53.4	1,911	48.9	46.8	51.2	610	54.4	50.0	59.0
Esophagus	273	5.3	4.6	5.9	205	5.3	4.6	6.0	59	5.2	3.9	6.7
Female Breast (Malignant only)	3,949	132.4	128.2	136.6	2,881	135.8	130.9	140.9	889	119.0	111.2	127.3
Hodgkins Lymphoma	151	2.8	2.4	3.3	103	2.9	2.4	3.5	37	2.3	1.6	3.3
Kidney and Renal pelvis	714	12.5	11.6	13.5	524	13.0	11.9	14.2	165	11.6	9.8	13.5
Larynx	230	4.4	3.8	5.0	159	4.1	3.5	4.8	66	5.6	4.3	7.2
Leukemia	475	9.1	8.3	10.0	360	9.5	8.6	10.6	88	7.1	5.6	8.9
Liver and Intrahepatic Bile Duct	292	5.5	4.9	6.2	198	5.1	4.4	5.8	73	6.0	4.7	7.6
Lung and Bronchus	3,590	69.1	66.8	71.4	2,709	69.4	66.8	72.1	793	69.6	64.7	74.8
Melanoma	1,185	21.7	20.4	22.9	871	22.6	21.1	24.2	13	**	**	**
Multiple Myeloma	280	5.4	4.8	6.0	181	4.6	4.0	5.3	87	7.8	6.2	9.7
Myelodysplastic Syndromes	112	2.2	1.8	2.6	89	2.3	1.8	2.8	21	2.0	1.2	3.0
Non-Hodgkins Lymphoma	925	17.5	16.4	18.7	713	18.3	17.0	19.8	160	12.2	10.3	14.3
Oral Cavity and Pharynx	556	10.2	9.3	11.1	405	10.2	9.3	11.3	126	9.5	7.9	11.4
Ovary	374	12.6	11.4	14.0	300	14.0	12.4	15.7	60	8.2	6.2	10.6
Pancreas	594	11.5	10.6	12.5	444	11.4	10.3	12.5	135	12.5	10.4	14.8
Prostate	4,538	197.5	191.7	203.5	2,935	168.3	162.2	174.5	1,119	236.4	221.8	251.7
Stomach	320	6.1	5.5	6.8	189	4.8	4.2	5.6	91	8.2	6.5	10.1
Testis	137	5.1	4.3	6.1	120	6.8	5.7	8.2	<6	**	**	**
Thyroid	560	10.0	9.2	10.9	416	11.0	9.9	12.1	108	7.4	6.0	9.0
Urinary Bladder	1,086	21.0	19.7	22.3	868	22.2	20.7	23.7	122	11.5	9.5	13.8
Uterus	678	22.8	21.1	24.6	491	22.9	20.9	25.1	132	18.6	15.5	22.2

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

*** Rates based on case counts of 1-15 are suppressed per DHMH/MCR Data Release Policy and Procedures*

<6=Case counts of 1-5 are suppressed per DHMH/MCR Data Release Policy and Procedures

s= Case counts are suppressed to prevent disclosure of data in other cell(s)

**Counts include unknown county*

****All Races includes white, black or African American , other and unknown races*

Source: Maryland Cancer Registry

Table 1b. 2002 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	13,625	594.3	584.1	604.5	9,742	564.7	553.4	576.1	2,781	581.8	558.7	605.6
Brain	206	8.5	7.4	9.8	171	9.7	8.3	11.3	26	4.4	2.8	6.6
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,339	59.2	56.0	62.6	967	56.6	53.0	60.3	288	63.6	55.9	72.0
Esophagus	208	9.3	8.0	10.6	165	9.7	8.2	11.3	39	8.3	5.7	11.6
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	77	3.0	2.3	3.7	54	3.1	2.3	4.0	17	2.5	1.4	4.1
Kidney and Renal pelvis	443	17.2	15.6	18.9	332	17.8	15.9	19.9	95	15.6	12.4	19.2
Larynx	183	7.9	6.8	9.1	128	7.3	6.1	8.7	51	10.8	7.8	14.4
Leukemia	263	11.6	10.2	13.1	199	12.0	10.4	13.8	49	8.8	6.3	11.8
Liver and Intrahepatic Bile Duct	191	8.2	7.1	9.5	132	7.7	6.4	9.2	45	8.3	5.9	11.4
Lung and Bronchus	1,882	83.6	79.8	87.6	1,412	82.7	78.4	87.1	423	90.5	81.5	100.2
Melanoma	660	27.3	25.2	29.5	501	28.3	25.8	30.9	6	**	**	**
Multiple Myeloma	125	5.5	4.6	6.6	84	4.9	3.9	6.1	35	7.1	4.8	10.0
Myelodysplastic Syndromes	66	3.2	2.5	4.1	53	3.3	2.5	4.3	12	**	**	**
Non-Hodgkins Lymphoma	502	21.9	20.0	23.9	389	22.7	20.5	25.1	83	14.3	11.1	18.0
Oral Cavity and Pharynx	391	15.6	14.1	17.3	283	15.4	13.6	17.3	91	15.4	12.3	19.1
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	293	13.2	11.7	14.8	218	12.9	11.2	14.7	67	14.4	11.0	18.5
Prostate	4,538	197.5	191.7	203.5	2,935	168.3	162.2	174.5	1,115	236.4	221.8	251.7
Stomach	185	8.4	7.2	9.7	113	6.7	5.5	8.1	48	11.4	8.1	15.3
Testis	137	5.1	4.3	6.1	120	6.8	5.7	8.2	<6	**	**	**
Thyroid	134	5.1	4.3	6.1	110	5.9	4.8	7.1	16	2.6	1.5	4.4
Urinary Bladder	820	38.2	35.5	40.9	676	40.5	37.4	43.7	76	20.2	15.5	25.7
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

*** Rates based on case counts of 1-15 are suppressed per DHMH/MCR Data Release Policy and Procedures*

<6=Case counts of 1-5 are suppressed per DHMH/MCR Data Release Policy and Procedures

s= Case counts are suppressed to prevent disclosure of data in other cell(s)

**Maryland totals include unknown county*

****All Races includes white, black or African American , other and unknown races*

Source: Maryland Cancer Registry

Table 1c. 2002 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,632	426.2	418.8	433.8	9,165	428.3	419.5	437.3	2,686	379.8	365.3	394.8
Brain	161	5.6	4.7	6.5	136	6.7	5.6	7.9	20	2.6	1.6	4.1
Cervix	248	8.5	7.5	9.6	133	6.6	5.5	7.8	77	10.4	8.1	13.0
Colon and Rectum	1,344	45.1	42.7	47.6	944	42.4	39.7	45.2	322	48.2	42.9	53.8
Esophagus	65	2.2	1.7	2.8	40	1.8	1.2	2.4	20	3.0	1.8	4.6
Female Breast (Malignant only)	3,949	132.4	128.2	136.6	2,881	135.8	130.9	140.9	889	119.0	111.2	127.3
Hodgkins Lymphoma	74	2.7	2.1	3.3	49	2.7	2	3.6	20	2.3	1.4	3.6
Kidney and Renal pelvis	271	8.8	7.8	9.9	192	9.0	7.7	10.2	70	8.7	6.7	11.0
Larynx	47	1.6	1.2	2.1	31	1.5	1.0	2.1	15	2.1	1.2	3.5
Leukemia	212	7.2	6.3	8.2	161	7.6	6.5	8.9	39	5.6	3.9	7.7
Liver and Intrahepatic Bile Duct	101	3.4	2.8	4.1	66	3.0	2.3	3.8	28	4.2	2.8	6.1
Lung and Bronchus	1,708	58.1	55.4	60.9	1,297	59.1	55.9	62.5	370	55.6	50.0	61.7
Melanoma	525	17.8	16.3	19.4	370	18.6	16.7	20.6	7	**	**	**
Multiple Myeloma	155	5.2	4.4	6.1	97	4.4	3.5	5.4	52	8.1	6.0	10.6
Myelodysplastic Syndromes	46	1.5	1.1	2.0	36	1.5	1.1	2.2	9	**	**	**
Non-Hodgkins Lymphoma	423	14.2	12.9	15.6	324	14.9	13.3	16.6	77	10.5	8.3	13.2
Oral Cavity and Pharynx	165	5.6	4.8	6.5	122	5.8	4.8	6.9	35	4.8	3.3	6.7
Ovary	374	12.6	11.4	14.0	300	14	12.4	15.7	60	8.2	6.2	10.6
Pancreas	301	10.2	9.1	11.4	226	10.2	8.9	11.6	68	10.9	8.4	13.8
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	135	4.5	3.8	5.4	76	3.4	2.7	4.3	43	6.4	4.6	8.6
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	426	14.5	13.2	16.0	306	15.9	14.2	17.8	92	11.2	9.0	13.8
Urinary Bladder	266	9.0	8.0	10.2	192	8.8	7.6	10.1	46	6.9	5.1	9.3
Uterus	678	22.8	21.1	24.6	491	22.9	20.9	25.1	132	18.6	15.5	22.2

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

*** Rates based on case counts of 1-15 are suppressed per DHMH/MCR Data Release Policy and Procedures*

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**Maryland totals include unknown county*

****All Races includes white, black or African American , other and unknown races*

Source: Maryland Cancer Registry

2003 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 2a. 2003 Both Gender Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	26,809	494.5	488.5	500.5	19,372	489.2	482.3	496.2	6,163	495.0	482.2	508.0
Brain	368	6.8	6.1	7.5	284	7.4	6.6	8.4	66	4.7	3.6	6.0
Cervix	275	9.3	8.2	10.5	164	8.4	7.1	9.8	88	10.7	8.6	13.3
Colon and Rectum	2,923	54.6	52.6	56.6	2,050	51.5	49.2	53.7	748	62.9	58.3	67.8
Esophagus	291	5.5	4.9	6.1	208	5.3	4.6	6.0	68	6.0	4.6	7.6
Female Breast (Malignant only)	4,058	133.4	129.3	137.6	2,919	136.3	131.4	141.4	932	118.6	111.0	126.7
Hodgkins Lymphoma	154	2.8	2.4	3.3	112	3.1	2.6	3.8	38	2.4	1.7	3.3
Kidney and Renal pelvis	745	13.5	12.6	14.6	529	13.3	12.2	14.5	194	14.9	12.8	17.2
Larynx	208	3.8	3.3	4.4	143	3.6	3.0	4.2	62	4.8	3.6	6.1
Leukemia	542	10.2	9.4	11.1	431	11.1	10.1	12.2	94	7.4	5.9	9.1
Liver and Intrahepatic Bile Duct	261	4.8	4.2	5.4	144	3.6	3.1	4.3	87	6.6	5.2	8.2
Lung and Bronchus	3,747	70.8	68.5	73.1	2,811	71.2	68.6	73.9	861	73.6	68.6	78.9
Melanoma	1,067	19.4	18.2	20.6	1,005	25.7	24.1	27.3	14	**	**	**
Multiple Myeloma	280	5.2	4.6	5.8	173	4.4	3.7	5.1	97	8.1	6.5	10.0
Myelodysplastic Syndromes	98	1.9	1.5	2.3	79	2.0	1.6	2.5	17	1.6	0.9	2.6
Non-Hodgkins Lymphoma	1,027	19.0	17.8	20.2	790	20.0	18.6	21.4	199	14.5	12.5	16.8
Oral Cavity and Pharynx	652	11.7	10.8	12.7	471	11.8	10.7	12.9	155	11.4	9.6	13.5
Ovary	396	13.1	11.8	14.5	301	14.0	12.4	15.7	83	11.4	9.0	14.2
Pancreas	622	11.7	10.8	12.7	445	11.2	10.2	12.3	157	13.7	11.6	16.1
Prostate	4,201	176.7	171.3	182.2	2,677	150.2	144.5	156.1	1,217	241.2	227.1	255.9
Stomach	377	7.0	6.3	7.8	207	5.2	4.5	5.9	131	11.6	9.6	13.9
Testis	126	4.7	3.9	5.6	114	6.4	5.3	7.7	8	**	**	**
Thyroid	612	10.8	9.9	11.7	450	11.7	10.6	12.8	110	7.1	5.8	8.5
Urinary Bladder	1,057	20.2	19.0	21.4	908	22.9	21.4	24.5	112	10.6	8.7	12.8
Uterus	735	24.0	22.3	25.8	524	24.0	22.0	26.2	180	24.5	20.9	28.4

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

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**Counts include unknown county*

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 2b. 2003 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	13,512	574.5	564.6	584.5	9,737	554.4	543.4	565.7	3,075	613.6	590.5	637.3
Brain	207	8.3	7.2	9.6	159	9.0	7.6	10.5	39	6.0	4.1	8.3
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,424	61.7	58.4	65.0	1,045	59.9	56.3	63.7	315	67.2	59.4	75.6
Esophagus	214	9.2	8.0	10.6	150.0	8.6	7.2	10.1	51	10.5	7.6	14.0
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	83	3.2	2.6	4.0	68	3.9	3.1	5.0	14	**	**	**
Kidney and Renal pelvis	464	19.0	17.3	20.8	347	19.3	17.3	21.5	106	19.0	15.3	23.3
Larynx	169	7.1	6.0	8.2	121	6.8	5.6	8.2	45	8.5	6.1	11.5
Leukemia	297	13.0	11.5	14.6	236	13.9	12.2	15.8	54	10.1	7.3	13.5
Liver and Intrahepatic Bile Duct	174	7.1	6.1	8.3	96	5.4	4.4	6.6	60	10.7	8.0	14.0
Lung and Bronchus	1,964	86.4	82.5	90.3	1,437	83.5	79.2	88	479	102.5	92.9	112.8
Melanoma	589	24.1	22.1	26.2	554	30.8	28.2	33.5	7	**	**	**
Multiple Myeloma	149	6.4	5.4	7.5	98	5.6	4.5	6.9	43	9.3	6.5	12.8
Myelodysplastic Syndromes	51	2.4	1.8	3.2	41	2.5	1.8	3.4	9	**	**	**
Non-Hodgkins Lymphoma	560	23.5	21.5	25.5	433	24.8	22.5	27.3	102	15.8	12.7	19.4
Oral Cavity and Pharynx	464	18.4	16.7	20.2	339	18.3	16.4	20.4	108	19.0	15.3	23.2
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	292	13.0	11.5	14.6	223	13.0	11.3	14.9	56	11.4	8.4	15.0
Prostate	4,201	176.7	171.3	182.2	2,677	150.2	144.5	156.1	1,217	241.2	227.1	255.9
Stomach	231	9.9	8.7	11.3	133	7.5	6.3	9.0	74	17.0	13.1	21.7
Testis	126	4.7	3.9	5.6	114	6.4	5.3	7.7	8	**	**	**
Thyroid	140	5.3	4.5	6.3	110	5.9	4.9	7.2	16	2.2	1.3	3.7
Urinary Bladder	747	34.1	31.7	36.7	654	38.7	35.8	41.8	68	16.5	12.6	21.2
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

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**Maryland totals include unknown county*

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 2c. 2003 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	13,296	440.1	432.6	447.6	9,634	445.7	436.8	454.8	3,088	418.3	403.3	433.7
Brain	161	5.5	4.7	6.4	125	6.1	5.1	7.3	27	3.6	2.3	5.2
Cervix	275	9.3	8.2	10.5	164	8.4	7.1	9.8	88	10.7	8.6	13.3
Colon and Rectum	1,499	49.4	46.9	51.9	1,005	44.6	41.8	47.5	433	61.1	55.3	67.3
Esophagus	77	2.6	2.0	3.3	58	2.7	2.0	3.5	17	2.8	1.6	4.5
Female Breast (Malignant only)	4,058	133.4	129.3	137.6	2,919	136.3	131.4	141.4	932	118.6	111.0	126.7
Hodgkins Lymphoma	71	2.5	1.9	3.1	44	2.4	1.7	3.2	24	2.7	1.7	4.1
Kidney and Renal pelvis	281	9.3	8.2	10.4	182	8.4	7.2	9.7	88	11.9	9.5	14.7
Larynx	39	1.3	0.9	1.8	22	1.0	0.6	1.6	17	2.2	1.3	3.5
Leukemia	245	8.1	7.1	9.2	195	8.8	7.6	10.2	40	5.5	3.9	7.5
Liver and Intrahepatic Bile Duct	87	2.9	2.3	3.6	48	2.2	1.6	2.9	27	3.7	2.4	5.4
Lung and Bronchus	1,783	59.8	57.0	62.6	1,374	62.6	59.3	66.0	382	55.1	49.6	61.0
Melanoma	478	16.0	14.6	17.5	451	22.0	20.0	24.1	7	**	**	**
Multiple Myeloma	131	4.4	3.6	5.2	75	3.4	2.7	4.3	54	7.7	5.7	10.0
Myelodysplastic Syndromes	47	1.6	1.2	2.1	38	1.7	1.2	2.3	8	**	**	**
Non-Hodgkins Lymphoma	467	15.4	14.1	16.9	357	16.1	14.4	17.9	97	13.2	10.7	16.2
Oral Cavity and Pharynx	188	6.2	5.4	7.2	132	6.1	5.1	7.3	47	6.1	4.4	8.1
Ovary	396	13.1	11.8	14.5	301	14.0	12.4	15.7	83	11.4	9.0	14.2
Pancreas	330	10.8	9.6	12.0	222	9.6	8.4	11.0	101	14.9	12.1	18.2
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	146	4.8	4.1	5.7	74	3.3	2.6	4.2	57	8.3	6.2	10.8
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	472	15.9	14.5	17.4	340	17.4	15.6	19.4	94	10.9	8.8	13.4
Urinary Bladder	310	10.3	9.2	11.5	254	11.4	10.0	12.9	44	7.0	5.1	9.4
Uterus	735	24.0	22.3	25.8	524	24.0	22.0	26.2	180	24.5	20.9	28.4

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**Maryland totals include unknown county*

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

2004 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 3a. 2004 Both Genders Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	25,419	462.6	456.8	468.3	18,780	469.8	463.1	476.7	5,677	444.4	432.4	456.5
Brain	359	6.5	5.8	7.2	286	7.3	6.5	8.3	59	4.1	3.1	5.3
Cervix	226	7.5	6.6	8.6	133	6.7	5.6	8.0	83	10.1	8.0	12.6
Colon and Rectum	2,630	48.6	46.8	50.6	1,853	46.1	44.0	48.3	673	55.8	51.5	60.3
Esophagus	287	5.3	4.7	5.9	216	5.4	4.7	6.1	65	5.3	4.0	6.8
Female Breast (Malignant only)	3,850	124.2	120.3	128.2	2,767	127.4	122.6	132.3	915	114.0	106.6	121.8
Hodgkins Lymphoma	153	2.8	2.3	3.2	99	2.7	2.2	3.3	44	2.7	1.9	3.7
Kidney and Renal pelvis	733	13.2	12.3	14.2	514	12.9	11.8	14.1	195	14.5	12.4	16.7
Larynx	228	4.1	3.6	4.7	165	4.1	3.5	4.8	55	4.3	3.2	5.6
Leukemia	495	9.1	8.4	10.0	385	9.9	8.9	11.0	80	6.1	4.8	7.6
Liver and Intrahepatic Bile Duct	283	5.1	4.5	5.7	181	4.4	3.8	5.1	81	6.4	5.0	8.0
Lung and Bronchus	3,711	69.0	66.8	71.3	2,840	71.1	68.5	73.8	806	67.7	62.9	72.7
Melanoma	1,044	18.7	17.5	19.9	1,000	25.4	23.9	27.1	11	**	**	**
Multiple Myeloma	326	6.0	5.4	6.7	197	4.9	4.3	5.7	118	9.9	8.2	12.0
Myelodysplastic Syndromes	88	1.7	1.3	2.0	71	1.8	1.4	2.2	9	**	**	**
Non-Hodgkins Lymphoma	936	17.1	16.0	18.2	725	18.2	16.9	19.6	182	12.8	11.0	14.9
Oral Cavity and Pharynx	534	9.4	8.6	10.2	396	9.7	8.8	10.8	113	8.3	6.8	10.1
Ovary	308	10.0	8.9	11.2	243	11.1	9.7	12.6	55	7.0	5.2	9.1
Pancreas	643	12.0	11.1	12.9	466	11.6	10.6	12.7	164	13.5	11.4	15.8
Prostate	3,579	148.0	143.0	153.0	2,381	132.0	126.7	137.5	1,051	202.7	189.9	216.1
Stomach	355	6.6	5.9	7.3	206	5.1	4.5	5.9	112	9.8	8.0	11.9
Testis	105	4.0	3.3	4.8	97	5.6	4.5	6.8	6	**	**	**
Thyroid	637	11.1	10.3	12.1	491	12.7	11.6	13.9	106	6.9	5.6	8.3
Urinary Bladder	1,029	19.3	18.2	20.5	895	22.4	20.9	23.9	113	9.8	8.0	11.8
Uterus	691	22.2	20.6	24.0	538	24.5	22.5	26.7	129	17.4	14.5	20.8

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*Counts include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 3b. 2004 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,460	524.4	515.0	533.9	9,201	521.6	510.9	532.6	2,794	539.7	518.4	561.7
Brain	169	6.7	5.7	7.8	129	7.1	5.9	8.5	31	4.9	3.2	7.1
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,285	55.7	52.6	58.9	934	54	50.6	57.7	304	63.1	55.6	71.3
Esophagus	204	8.3	7.2	9.6	160	8.7	7.4	10.2	40	7.8	5.4	10.8
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	73	2.7	2.1	3.4	52	2.9	2.1	3.8	19	2.4	1.5	3.9
Kidney and Renal pelvis	456	18.3	16.7	20.1	319	17.6	15.7	19.6	122	20.9	17.2	25.2
Larynx	169	7.0	5.9	8.1	117	6.5	5.4	7.8	44	8.1	5.8	11.0
Leukemia	294	12.7	11.2	14.2	236	14.0	12.2	15.9	44	7.9	5.6	10.9
Liver and Intrahepatic Bile Duct	194	7.7	6.7	8.9	125	6.7	5.6	8.0	52	9.5	6.9	12.7
Lung and Bronchus	1,903	82.7	78.9	86.6	1,443	83.2	78.9	87.7	427	88.6	79.8	98.0
Melanoma	592	24.1	22.2	26.2	567	31.5	28.9	34.2	s	**	**	**
Multiple Myeloma	174	7.3	6.2	8.5	111	6.3	5.1	7.6	54	10.7	7.8	14.1
Myelodysplastic Syndromes	45	2.1	1.5	2.8	32	2.0	1.4	2.8	<6	**	**	**
Non-Hodgkins Lymphoma	471	19.1	17.3	20.9	359	20.1	18.0	22.3	101	15.3	12.4	18.8
Oral Cavity and Pharynx	350	13.5	12.1	15.0	259	13.7	12.1	15.5	73	12.6	9.7	16.1
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	316	13.9	12.3	15.5	238	13.9	12.2	15.9	73	14.0	10.8	17.9
Prostate	3,579	148.0	143.0	153.0	2,381	132.0	126.7	137.5	1,051	202.7	189.9	216.1
Stomach	193	8.4	7.2	9.7	112	6.5	5.3	7.9	58	12.7	9.5	16.7
Testis	105	4.0	3.3	4.8	97	5.6	4.5	6.8	6	**	**	**
Thyroid	157	5.9	5.0	6.9	127	6.8	5.7	8.1	21	3.0	1.8	4.6
Urinary Bladder	705	31.9	29.5	34.4	625	36.9	34.0	40.0	65	13.9	10.5	18.0
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

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*Maryland totals include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 3c. 2004 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,942	421.5	414.2	428.9	9,568	437.5	428.7	446.5	2,878	381.4	367.3	395.9
Brain	190	6.3	5.5	7.3	157	7.6	6.4	8.9	28	3.4	2.3	5.0
Cervix	226	7.5	6.6	8.6	133	6.7	5.6	8.0	83	10.1	8.0	12.6
Colon and Rectum	1,342	43.4	41.1	45.8	916	39.8	37.2	42.5	369	51.7	46.4	57.3
Esophagus	83	2.8	2.2	3.4	56	2.5	1.9	3.3	25	3.5	2.3	5.2
Female Breast (Malignant only)	3,850	124.2	120.3	128.2	2,767	127.4	122.6	132.3	915	114.0	106.6	121.8
Hodgkins Lymphoma	80	2.8	2.2	3.5	47	2.6	1.9	3.4	25	2.9	1.8	4.2
Kidney and Renal pelvis	277	9.1	8.1	10.3	193	9.1	7.8	10.5	73	9.6	7.4	12.1
Larynx	59	1.9	1.5	2.5	48	2.2	1.6	2.9	11	**	**	**
Leukemia	201	6.6	5.7	7.6	149	6.8	5.8	8.0	36	4.8	3.3	6.7
Liver and Intrahepatic Bile Duct	89	2.9	2.3	3.5	56	2.4	1.8	3.1	29	4.2	2.8	6.0
Lung and Bronchus	1,808	59.4	56.7	62.2	1,397	62.7	59.4	66.1	379	53.9	48.5	59.7
Melanoma	451	14.9	13.6	16.4	432	21.3	19.3	23.5	<6	**	**	**
Multiple Myeloma	152	5.0	4.2	5.8	86	3.8	3.1	4.8	64	9.3	7.1	11.9
Myelodysplastic Syndromes	43	1.4	1.0	1.9	39	1.7	1.2	2.3	<6	**	**	**
Non-Hodgkins Lymphoma	464	15.2	13.9	16.7	366	16.6	14.9	18.4	80	10.4	8.2	13.0
Oral Cavity and Pharynx	184	6.0	5.1	6.9	137	6.3	5.3	7.5	40	5.2	3.7	7.1
Ovary	308	10.0	8.9	11.2	243	11.1	9.7	12.6	55	7.0	5.2	9.1
Pancreas	327	10.6	9.4	11.8	228	9.9	8.6	11.3	91	12.9	10.3	15.9
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	162	5.3	4.5	6.2	94	4.2	3.4	5.1	54	8.0	5.9	10.4
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	480	16.0	14.6	17.5	364	18.6	16.7	20.6	85	9.9	7.9	12.3
Urinary Bladder	324	10.5	9.4	11.7	270	11.7	10.4	13.2	48	7.1	5.2	9.4
Uterus	691	22.2	20.6	24.0	538	24.5	22.5	26.7	129	17.4	14.5	20.8

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.
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*Maryland totals include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

2005 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 4a. 2005 Both Genders Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	25,513	457.4	451.7	463.1	18,756	466.4	459.7	473.2	5,719	434.9	423.2	446.7
Brain	316	5.7	5.1	6.3	248	6.4	5.6	7.3	55	4.0	3.0	5.2
Cervix	254	8.5	7.4	9.6	155	7.8	6.6	9.1	76	9.1	7.1	11.4
Colon and Rectum	2,554	46.3	44.5	48.2	1,842	45.5	43.4	47.6	619	49.4	45.4	53.6
Esophagus	286	5.1	4.6	5.8	218	5.4	4.7	6.1	64	4.8	3.7	6.2
Female Breast (Malignant only)	3,712	118.6	114.8	122.5	2,637	121.1	116.5	125.9	896	108.7	101.6	116.2
Hodgkins Lymphoma	128	2.3	1.9	2.8	95	2.6	2.1	3.2	27	1.7	1.1	2.5
Kidney and Renal pelvis	799	14.1	13.2	15.2	605	14.9	13.7	16.2	180	13.2	11.3	15.3
Larynx	208	3.7	3.2	4.2	154	3.7	3.2	4.4	52	4.1	3.0	5.3
Leukemia	475	8.7	7.9	9.5	378	9.7	8.7	10.7	82	6.2	4.9	7.8
Liver and Intrahepatic Bile Duct	323	5.7	5.1	6.3	212	5.2	4.5	6.0	86	6.2	4.9	7.7
Lung and Bronchus	3,694	67.9	65.7	70.1	2,782	69.5	66.9	72.1	818	66.2	61.6	71.1
Melanoma	1,208	21.3	20.1	22.6	1,160	29.4	27.7	31.2	6	**	**	**
Multiple Myeloma	266	4.9	4.3	5.5	161	4.0	3.4	4.7	94	7.8	6.2	9.6
Myelodysplastic Syndromes	97	1.8	1.5	2.2	79	2.0	1.6	2.5	13	**	**	**
Non-Hodgkins Lymphoma	932	16.7	15.6	17.8	726	18.0	16.7	19.4	163	11.5	9.8	13.5
Oral Cavity and Pharynx	509	8.8	8.1	9.7	374	9.1	8.2	10.0	118	8.4	6.9	10.1
Ovary	388	12.4	11.2	13.7	289	13.1	11.6	14.7	86	10.6	8.4	13.2
Pancreas	692	12.7	11.8	13.7	459	11.3	10.3	12.4	204	17.2	14.8	19.8
Prostate	3,649	147.2	142.3	152.1	2,418	131.7	126.5	137.2	1,042	131.7	126.5	137.2
Stomach	372	6.8	6.1	7.5	228	5.7	5.0	6.5	120	9.9	8.1	11.9
Testis	118	4.4	3.6	5.2	104	5.9	4.8	7.2	9	**	**	**
Thyroid	660	11.4	10.6	12.3	480	12.4	11.3	13.6	133	8.6	7.2	10.3
Urinary Bladder	1,036	19.1	17.9	20.3	856	21.1	19.7	22.6	143	12.3	10.3	14.6
Uterus	706	22.4	20.8	24.2	535	24.3	22.3	26.5	142	18.5	15.5	21.9

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

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*Counts include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 4b. 2005 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,765	528.3	518.9	537.8	9,423	528.4	517.6	539.3	2,830	533.6	512.6	555.2
Brain	159	6.3	5.3	7.4	117	6.5	5.4	7.9	33	5.8	3.8	8.3
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,286	54.9	51.9	58.1	968	55.6	52.1	59.3	272	53.6	46.9	60.9
Esophagus	219	9.0	7.8	10.3	166	9.2	7.9	10.8	50	9.1	6.6	12.2
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	67	2.5	1.9	3.1	49	2.7	2.0	3.6	14	**	**	**
Kidney and Renal pelvis	486	19.2	17.5	21.1	365	19.8	17.8	22.0	111	18.8	15.3	23.0
Larynx	163	6.5	5.5	7.6	122	6.5	5.4	7.8	39	7.6	5.3	10.6
Leukemia	261	11.0	9.7	12.4	213	12.3	10.7	14.1	40	7.8	5.4	10.8
Liver and Intrahepatic Bile Duct	231	9.1	7.9	10.3	147	8.0	6.7	9.4	66	10.8	8.2	13.9
Lung and Bronchus	1,937	83.1	79.4	87.0	1,427	81.8	77.6	86.3	452	91.0	82.2	100.4
Melanoma	697	27.9	25.8	30.1	674	36.9	34.1	39.8	<6	**	**	**
Multiple Myeloma	133	5.8	4.9	7.0	84	4.9	3.9	6.1	43	9.7	6.8	13.2
Myelodysplastic Syndromes	54	2.5	1.9	3.3	43	2.6	1.9	3.5	s	**	**	**
Non-Hodgkins Lymphoma	525	21.5	19.7	23.5	410	23	20.8	25.4	87	14.2	11.2	17.7
Oral Cavity and Pharynx	346	13.3	11.9	14.8	253	13.3	11.7	15.0	83	14.3	11.2	18.0
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	331	14.2	12.6	15.8	236	13.6	11.9	15.5	83	15.6	12.2	19.6
Prostate	3,649	147.2	142.3	152.1	2,418	131.7	126.5	137.2	1,042	131.7	126.5	137.2
Stomach	209	8.9	7.7	10.2	135	7.7	6.5	9.2	59	12.3	9.1	16.1
Testis	118	4.4	3.6	5.2	104	5.9	4.8	7.2	9	**	**	**
Thyroid	164	6.0	5.1	7.0	129	6.8	5.7	8.1	27	4.3	2.7	6.3
Urinary Bladder	727	32.4	30.1	34.9	614	35.9	33.1	38.9	88	19.8	15.5	24.8
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

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*Maryland totals include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 4c. 2005 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,719	409	401.9	416.2	9,309	425	416.3	433.8	2,884	371.2	357.5	385.3
Brain	157	5.2	4.4	6.1	131	6.4	5.3	7.6	22	2.8	1.7	4.2
Cervix	254	8.5	7.4	9.6	155	7.8	6.6	9.1	76	9.1	7.1	11.4
Colon and Rectum	1,266	40.2	38.0	42.4	872	38.0	35.5	40.6	347	46.5	41.6	51.8
Esophagus	67	2.2	1.7	2.8	52	2.3	1.7	3.1	14	**	**	**
Female Breast (Malignant only)	3,712	118.6	114.8	122.5	2,637	121.1	116.5	125.9	896	108.7	101.6	116.2
Hodgkins Lymphoma	61	2.1	1.6	2.7	46	2.4	1.8	3.2	13	2.9	1.8	4.2
Kidney and Renal pelvis	313	10.2	9.1	11.4	240	11.0	9.7	12.5	69	9.2	7.1	11.6
Larynx	44	1.4	1.0	1.9	31	1.4	1.0	2.0	13	**	**	**
Leukemia	213	6.9	6.0	7.9	165	7.6	6.5	8.9	41	5.2	3.7	7.1
Liver and Intrahepatic Bile Duct	92	2.9	2.4	3.6	65	3.0	2.3	3.8	20	2.7	1.6	4.2
Lung and Bronchus	1,754	56.8	54.2	59.6	1,353	60.4	57.2	63.7	365	49.9	44.8	55.4
Melanoma	511	16.8	15.4	18.3	486	24.1	22.0	26.4	<6	**	**	**
Multiple Myeloma	132	4.3	3.6	5.1	76	3.5	2.7	4.3	51	6.8	5.0	8.9
Myelodysplastic Syndromes	43	1.4	1.0	1.8	36	1.5	1.1	2.1	<6	**	**	**
Non-Hodgkins Lymphoma	405	12.9	11.7	14.2	314	14.0	12.5	15.7	76	9.5	7.4	11.9
Oral Cavity and Pharynx	162	5.2	4.4	6.0	120	5.4	4.4	6.4	35	4.3	3.0	6.0
Ovary	388	12.4	11.2	13.7	289	13.1	11.6	14.7	86	10.6	8.4	13.2
Pancreas	359	11.5	10.3	12.8	221	9.5	8.3	10.9	121	17.7	14.7	21.2
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	163	5.3	4.5	6.1	93	4.1	3.3	5.1	61	8.4	6.4	10.9
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	495	16.3	14.8	17.8	350	17.7	15.9	19.7	106	12.1	9.9	14.7
Urinary Bladder	309	9.9	8.8	11.1	242	10.5	9.2	12.0	55	8.0	6.0	10.5
Uterus	706	22.4	20.8	24.2	535	24.3	22.3	26.5	142	18.5	15.5	21.9

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*Maryland totals include unknown county

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

2006 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 5a. 2006 Both Genders Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland†

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	24,203	426.3	420.9	431.8	17,629	434.3	427.9	440.9	5,391	395.7	384.8	406.8
Brain	339	6.0	5.3	6.6	267	6.8	6.0	7.7	57	3.7	2.8	4.9
Cervix	199	6.7	5.8	7.7	112	5.8	4.8	7.0	57	7.1	5.4	9.2
Colon and Rectum	2,322	41.3	39.7	43.1	1,640	40.2	38.3	42.2	568	42.7	39.1	46.5
Esophagus	271	4.7	4.2	5.3	211	5.1	4.4	5.8	55	4.2	3.1	5.5
Female Breast (Malignant only)	3,580	112.8	109.1	116.6	2,509	115	110.5	119.6	921	109.7	102.6	117.2
Hodgkins Lymphoma	150	2.7	2.3	3.2	100	2.7	2.2	3.3	41	2.5	1.8	3.4
Kidney and Renal pelvis	716	12.5	11.6	13.5	525	13.0	11.9	14.2	166	11.6	9.9	13.6
Larynx	199	3.5	3.0	4.0	137	3.4	2.8	4.0	62	4.6	3.5	5.9
Leukemia	476	8.6	7.8	9.4	360	9.2	8.3	10.2	93	7.0	5.6	8.6
Liver and Intrahepatic Bile Duct	264	4.5	4.0	5.1	164	4.0	3.4	4.6	78	5.3	4.1	6.7
Lung and Bronchus	3,512	63.3	61.2	65.5	2,717	67.1	64.5	69.7	714	55.3	51.1	59.6
Melanoma	1,137	19.7	18.6	20.9	1,069	26.7	25.1	28.4	15	**	**	**
Multiple Myeloma	259	4.6	4.1	5.2	135	3.3	2.8	3.9	114	8.8	7.2	10.6
Myelodysplastic Syndromes	82	1.5	1.2	1.9	70	1.8	1.4	2.2	10	**	**	**
Non-Hodgkins Lymphoma	866	15.4	14.4	16.4	669	16.6	15.4	17.9	168	11.4	9.7	13.3
Oral Cavity and Pharynx	520	8.9	8.1	9.7	388	9.4	8.4	10.3	110	7.6	6.2	9.2
Ovary	338	10.7	9.6	11.9	257	11.5	10.1	13.1	63	8.1	6.2	10.4
Pancreas	632	11.4	10.5	12.3	457	11.2	10.2	12.3	156	12.3	10.4	14.4
Prostate	3,897	153.9	149	159	2,554	137.3	131.9	142.8	1,032	186.3	174.4	198.8
Stomach	357	6.4	5.7	7.1	209	5.1	4.4	5.8	110	9.1	7.4	11.0
Testis	104	3.8	3.1	4.6	96	5.5	4.4	6.7	<6	**	**	**
Thyroid	625	10.7	9.9	11.6	465	12.0	10.9	13.2	118	7.4	6.1	9.0
Urinary Bladder	943	17.2	16.1	18.4	793	19.5	18.2	20.9	103	8.8	7.1	10.7
Uterus	716	22.2	20.6	23.9	512	22.6	20.7	24.7	165	20.8	17.7	24.4

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† *2006 Maryland case counts and incidence rates are lower than actual due to case underreporting for Montgomery and Prince George's counties by approximately 8% and 6%, respectively.*

Source: Maryland Cancer Registry

Table 5b. 2006 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland†

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,246	495.6	486.6	504.6	8,962	495.0	484.7	505.6	2,639	478.6	459.1	498.6
Brain	185	7.2	6.2	8.3	147	8.1	6.8	9.5	30	4.4	2.9	6.4
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,161	48.1	45.3	51	831	47	43.8	50.4	268	48.5	42.3	55.2
Esophagus	203	8.0	6.9	9.2	160	8.5	7.2	10.0	39	7.3	5.0	10.0
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	78	2.9	2.3	3.7	51	2.9	2.2	3.8	23	3.0	1.9	4.6
Kidney and Renal pelvis	443	17.2	15.6	18.9	332	17.8	15.9	19.9	95	15.6	12.4	19.2
Larynx	156	6.2	5.2	7.2	105	5.7	4.6	6.9	51	9.2	6.7	12.3
Leukemia	272	11.1	9.8	12.5	214	12.1	10.5	13.9	46	8.5	6.0	11.6
Liver and Intrahepatic Bile Duct	191	7.4	6.4	8.6	117	6.3	5.2	7.6	57	9.0	6.7	11.8
Lung and Bronchus	1,776	74.6	71.1	78.3	1,355	76.4	72.4	80.7	375	73.7	65.9	82.1
Melanoma	661	26.0	24.0	28.1	630	34.0	31.4	36.8	8	**	**	**
Multiple Myeloma	137	5.6	4.7	6.7	79	4.5	3.6	5.7	57	10.4	7.7	13.7
Myelodysplastic Syndromes	47	2.1	1.6	2.9	40	2.4	1.7	3.3	<6	**	**	**
Non-Hodgkins Lymphoma	444	17.9	16.3	19.7	352	19.6	17.6	21.8	78	12.0	9.3	15.2
Oral Cavity and Pharynx	350	13.2	11.8	14.7	264	13.8	12.1	15.6	75	12.3	9.6	15.6
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	306	12.6	11.2	14.2	229	12.9	11.3	14.7	71	12.3	9.4	15.7
Prostate	3,897	153.9	149	159	2,554	137.3	131.9	142.8	1,032	186.3	174.4	198.8
Stomach	213	8.9	7.7	10.2	125	7.1	5.9	8.4	61	12.4	9.3	16.2
Testis	104	3.8	3.1	4.6	96	5.5	4.4	6.7	<6	**	**	**
Thyroid	147	5.5	4.6	6.4	115	6.2	5.1	7.5	21	3.3	2.0	5.2
Urinary Bladder	672	29.7	27.4	32.1	580	33.7	31.0	36.6	57	12.7	9.4	16.7
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

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† *2006 Maryland case counts and incidence rates are lower than actual due to case underreporting for Montgomery and Prince George's counties by approximately 8% and 6%, respectively.*

Source: Maryland Cancer Registry

Table 5c. 2006 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland†

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	11,895	376.9	370.1	383.8	8,625	391.3	383.0	399.8	2,741	342.0	329.0	355.3
Brain	154	5.0	4.2	5.8	120	5.8	4.8	7.0	27	3.2	2.1	4.6
Cervix	199	6.7	5.8	7.7	112	5.8	4.8	7.0	57	7.1	5.4	9.2
Colon and Rectum	1,156	36.2	34.1	38.4	806	34.9	32.5	37.5	300	38.7	34.4	43.5
Esophagus	68	2.1	1.6	2.7	51	2.2	1.6	2.9	16	2.1	1.2	3.4
Female Breast (Malignant only)	3,580	112.8	109.1	116.6	2,509	115	110.5	119.6	921	109.7	102.6	117.2
Hodgkins Lymphoma	72	2.5	1.9	3.1	49	2.5	1.9	3.4	18	2.0	1.2	3.2
Kidney and Renal pelvis	271	8.8	7.8	9.9	192	9.0	7.7	10.4	70	8.7	6.7	11.0
Larynx	43	1.4	1.0	1.9	32	1.5	1.0	2.2	11	**	**	**
Leukemia	204	6.6	5.7	7.5	146	6.8	5.7	8.0	47	5.9	4.3	7.9
Liver and Intrahepatic Bile Duct	73	2.3	1.8	2.9	47	2.1	1.5	2.8	21	2.6	1.6	4.0
Lung and Bronchus	1,720	55.0	52.4	57.7	1,353	60.2	57.0	63.5	337	43.7	39.1	48.8
Melanoma	473	15.3	13.9	16.8	437	21.4	19.4	23.5	7	**	**	**
Multiple Myeloma	121	3.9	3.2	4.6	55	2.4	1.8	3.1	57	7.7	5.8	10.0
Myelodysplastic Syndromes	35	1.1	0.8	1.5	30	1.3	0.9	1.9	<6	**	**	**
Non-Hodgkins Lymphoma	421	13.3	12	14.6	317	14.2	12.6	15.9	89	10.7	8.5	13.2
Oral Cavity and Pharynx	170	5.3	4.5	6.1	124	5.6	4.6	6.7	35	4.1	2.8	5.8
Ovary	338	10.7	9.6	11.9	257	11.5	10.1	13.1	63	8.1	6.2	10.4
Pancreas	326	10.2	9.1	11.4	228	9.6	8.4	11.0	85	11.8	9.4	14.7
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	143	4.5	3.8	5.3	84	3.7	2.9	4.6	49	6.8	5.0	9.0
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	473	15.4	14.0	16.9	347	17.5	15.7	19.5	95	10.7	8.6	13.1
Urinary Bladder	271	8.5	7.5	9.6	213	9.2	8.0	10.6	46	6.5	4.7	8.7
Uterus	716	22.2	20.6	23.9	512	22.6	20.7	24.7	165	20.8	17.7	24.4

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

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*Maryland totals include unknown county

****All Races includes white, black or African American, other and unknown races*

† *2006 Maryland case counts and incidence rates are lower than actual due to case underreporting for Montgomery and Prince George's counties by approximately 8% and 6%, respectively.*

Source: Maryland Cancer Registry

2007 Maryland Cancer Incidence Cases
by
Selected Site, Race, and Gender

Table 6a. 2007 Both Genders Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All sites	26,377	455.3	449.8	460.9	18,978	460.5	453.9	467.1	6,251	444.0	432.6	455.6
Brain	382	6.7	6.0	7.4	292	7.5	6.6	8.4	69	4.9	3.8	6.3
Cervix	194	6.4	5.5	7.3	120	6.2	5.1	7.4	61	7.2	5.5	9.3
Colon and Rectum	2,382	41.6	40.0	43.4	1,688	40.6	38.7	42.6	597	44.8	41.1	48.7
Esophagus	283	4.9	4.4	5.5	211	5.1	4.4	5.8	68	5.0	3.8	6.4
Female Breast (Malignant only)	3,976	123.2	119.4	127.2	2,781	125.4	120.7	130.2	1,012	117.2	110.0	124.8
Hodgkins Lymphoma	160	2.8	2.4	3.3	102	2.8	2.3	3.4	52	3.1	2.3	4.0
Kidney and Renal pelvis	897	15.4	14.4	16.4	631	15.2	14.1	16.5	243	16.4	14.3	18.6
Larynx	233	3.9	3.4	4.4	159	3.8	3.2	4.4	68	4.5	3.5	5.8
Leukemia	607	10.8	9.9	11.7	443	11.0	10.0	10.6	129	12.1	9.6	8.0
Liver and Intrahepatic Bile Duct	342	5.7	5.1	6.4	180	4.3	3.7	5.0	133	8.8	7.3	10.5
Lung and Bronchus	3,522	62.4	60.4	64.6	2,640	64.3	61.8	66.8	794	60.3	56.0	64.8
Melanoma	1,232	21.2	20.0	22.5	1,182	29.5	27.8	31.2	17	1.2	0.7	2.0
Multiple Myeloma	288	5.0	4.5	5.7	154	3.7	3.1	4.3	121	9.4	7.7	11.3
Myelodysplastic Syndromes	120	2.2	1.8	2.6	97	2.3	1.9	2.9	18	1.5	0.9	2.4
Non-Hodgkins Lymphoma	985	17.3	16.2	18.4	742	18.2	16.9	19.6	193	12.7	10.9	14.7
Oral Cavity and Pharynx	572	9.6	8.8	10.4	425	10.0	9.1	11.0	116	8.1	6.6	9.8
Ovary	367	11.2	10.1	12.4	270	12.1	10.6	13.6	84	9.7	7.7	12.1
Pancreas	708	12.4	11.5	13.4	505	12.1	11.1	13.2	184	14.5	12.4	16.9
Prostate	4,274	162.5	157.5	167.5	2,813	146.5	141.0	152.1	1,230	209.0	196.7	221.8
Stomach	350	6.1	5.5	6.8	215	5.2	4.5	5.9	107	8.7	7.1	10.6
Testis	120	4.5	3.7	5.4	103	6.0	4.9	7.3	9	**	**	**
Thyroid	744	12.7	11.8	13.7	543	14.0	12.8	15.2	133	8.2	6.9	9.8
Urinary Bladder	1,053	18.8	17.6	19.9	879	21.2	19.8	22.7	134	10.8	9.0	12.8
Uterus	763	23.2	21.6	24.9	530	23.4	21.4	25.5	204	23.8	20.6	27.4

Rates are per 100,000 and are age-adjusted to the 2000 U.S. Standard Population.

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**Counts include unknown county*

****All Races includes white, black or African American, other and unknown races*

Source: Maryland Cancer Registry

Table 6b. 2007 Male Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	13,409	528.9	519.7	538.1	9,697	524.7	514.2	535.5	3,124	546.8	526.3	567.8
Brain	217	8.1	7.0	9.2	165	8.8	7.5	10.3	40	6.7	4.6	9.3
Cervix	-	-	-	-	-	-	-	-	-	-	-	-
Colon and Rectum	1,206	48.8	46.0	51.7	861	47.6	44.5	51.0	296	54.1	47.7	61.2
Esophagus	222	8.9	7.7	10.1	174	9.4	8.0	11.0	46	8.5	6.1	11.5
Female Breast (Malignant only)	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkins Lymphoma	81	3.0	2.4	3.8	51	2.9	2.1	3.8	25	3.1	2.0	4.7
Kidney and Renal pelvis	548	20.8	19.1	22.7	390	20.6	18.6	22.8	148	23.0	19.3	27.2
Larynx	186	6.9	5.9	7.9	126	6.4	5.3	7.7	54	9.0	6.6	11.9
Leukemia	330	13.5	12.1	15.1	258	14.6	12.9	16.6	57	10.3	7.6	13.6
Liver and Intrahepatic Bile Duct	248	9.3	8.2	10.6	129	6.8	5.7	8.1	97	15.9	12.6	19.7
Lung and Bronchus	1,799	74.2	70.7	77.8	1,335	74.2	70.2	78.3	409	77.5	69.7	86.0
Melanoma	697	27.2	25.2	29.4	675	36.3	33.6	39.2	9	**	**	**
Multiple Myeloma	141	5.8	4.9	6.9	77	4.2	3.3	5.3	55	10.8	7.9	14.3
Myelodysplastic Syndromes	60	2.8	2.1	3.6	50	3.0	2.2	4.0	8	**	**	**
Non-Hodgkins Lymphoma	525	20.8	19	22.7	391	21.5	19.4	23.8	107	16.4	13.3	20.1
Oral Cavity and Pharynx	398	14.5	13.1	16.1	305	15.3	13.6	17.2	76	12.6	9.7	16.0
Ovary	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	334	13.7	12.3	15.3	253	14.2	12.5	16.1	68	11.9	9.0	15.3
Prostate	4,274	162.5	157.5	167.5	2,813	146.5	141.0	152.1	1,230	209.0	196.7	221.8
Stomach	208	8.6	7.5	9.9	132	7.3	6.1	8.6	58	12.7	9.4	16.7
Testis	120	4.5	3.7	5.4	103	6.0	4.9	7.3	9	**	**	**
Thyroid	173	6.3	5.4	7.4	140	7.3	6.1	8.7	19	3.2	1.8	5.0
Urinary Bladder	763	32.8	30.5	35.3	646	36.8	33.9	39.8	90	18.6	14.7	23.1
Uterus	-	-	-	-	-	-	-	-	-	-	-	-

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Source: Maryland Cancer Registry

Table 6c. 2007 Female Numbers and Age-Adjusted Incidence Rates and 95% Confidence Intervals of Selected Cancer Sites by Race, Maryland

	All Races ***				White				African American			
	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI	Count*	Rate	Lower CI	Upper CI
All Sites	12,952	404.1	397.1	411.2	9,267	415.7	407.1	424.4	3,126	378.4	364.9	392.2
Brain	165	5.5	4.6	6.4	127	6.2	5.2	7.4	29	3.7	2.5	5.4
Cervix	194	6.4	5.5	7.3	120	6.2	5.1	7.4	61	7.2	5.5	9.3
Colon and Rectum	1,175	35.8	33.8	37.9	826	34.6	32.3	37.1	301	38.4	34.1	43.1
Esophagus	61	1.9	1.4	2.4	37	1.6	1.1	2.2	22	2.6	1.6	4.0
Female Breast (Malignant only)	3,976	123.2	119.4	127.2	2,781	125.4	120.7	130.2	1,012	117.2	110.0	124.8
Hodgkins Lymphoma	79	2.7	2.1	3.3	51	2.8	2.1	3.7	27	2.9	1.9	4.3
Kidney and Renal pelvis	349	10.9	9.8	12.1	241	10.8	9.4	12.2	95	11.3	9.1	13.8
Larynx	47	1.4	1.1	1.9	33	1.5	1.0	2.1	14	**	**	**
Leukemia	276	8.7	7.6	9.8	184	8.1	6.9	9.4	72	9.2	7.1	11.6
Liver and Intrahepatic Bile Duct	94	2.8	2.3	3.5	51	2.2	1.7	3.0	36	4.1	2.8	5.7
Lung and Bronchus	1,720	54.2	51.7	56.9	1,303	57.4	54.3	60.6	385	49.3	44.4	54.6
Melanoma	534	17.1	15.7	18.6	506	24.7	22.6	27.0	8	**	**	**
Multiple Myeloma	146	4.5	3.8	5.3	76	3.2	2.5	4.1	66	8.6	6.6	11.0
Myelodysplastic Syndromes	60	1.8	1.4	2.3	47	1.9	1.4	2.6	10	**	**	**
Non-Hodgkins Lymphoma	459	14.6	13.3	16	350	15.7	14.1	17.5	86	10.1	8.0	12.5
Oral Cavity and Pharynx	174	5.4	4.6	6.3	120	5.3	4.4	6.4	40	4.9	3.5	6.7
Ovary	367	11.2	10.1	12.4	270	12.1	10.6	13.6	84	9.7	7.7	12.1
Pancreas	374	11.4	10.3	12.6	252	10.5	9.3	12.0	116	15.7	12.9	18.9
Prostate	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	142	4.4	3.7	5.2	83	3.6	2.9	4.5	49	6.5	4.8	8.6
Testis	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	570	18.6	17.1	20.2	402	20.4	18.4	22.6	114	12.5	10.3	15.0
Urinary Bladder	290	9.0	8.0	10.2	233	10.0	8.7	11.4	44	6.0	4.3	8.0
Uterus	763	23.2	21.6	24.9	530	23.4	21.4	25.5	204	23.8	20.6	27.4

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Source: Maryland Cancer Registry

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