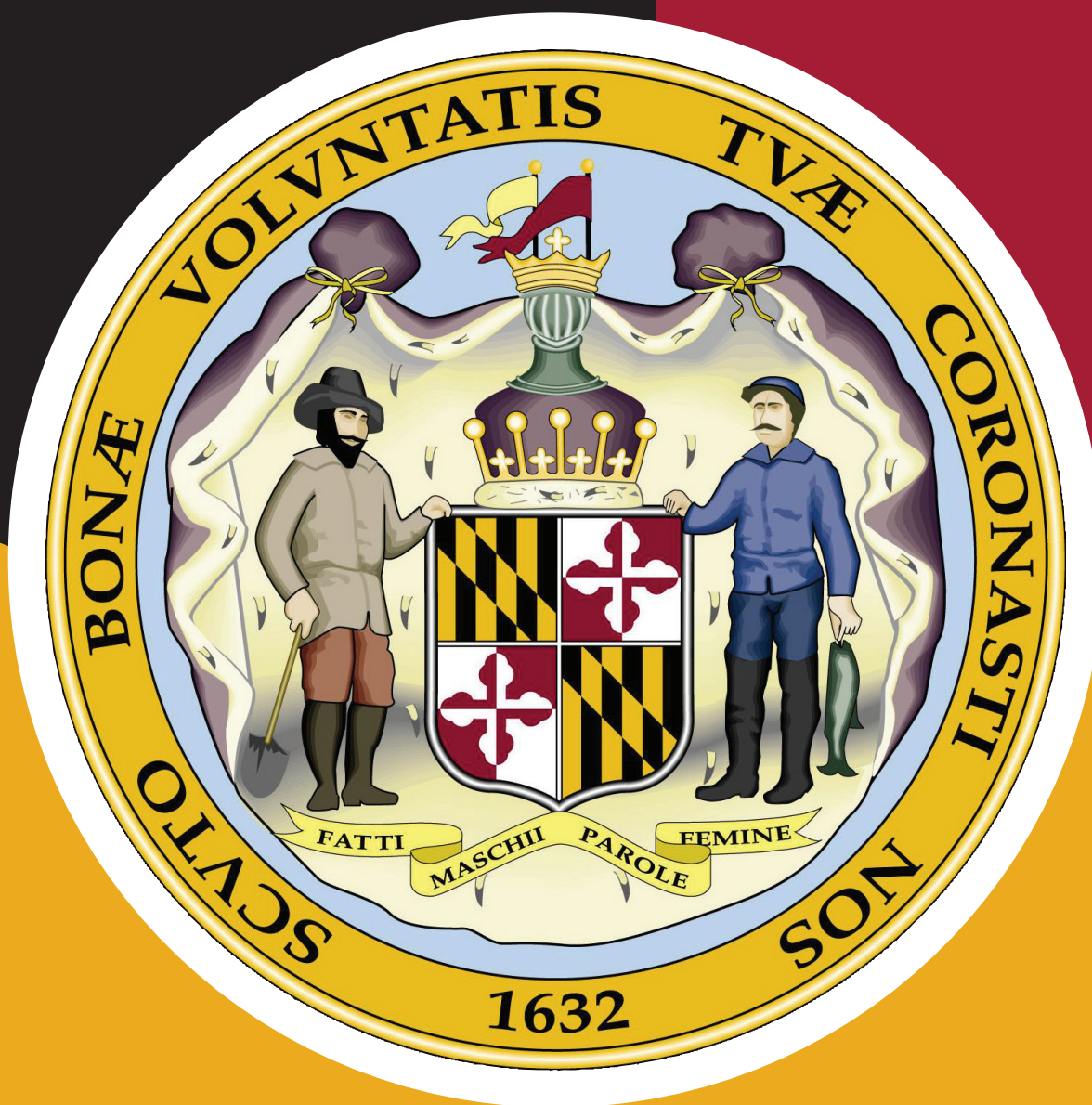


Maryland Department of Health

Larry Hogan  
*Governor*

Boyd Rutherford  
*Lt. Governor*

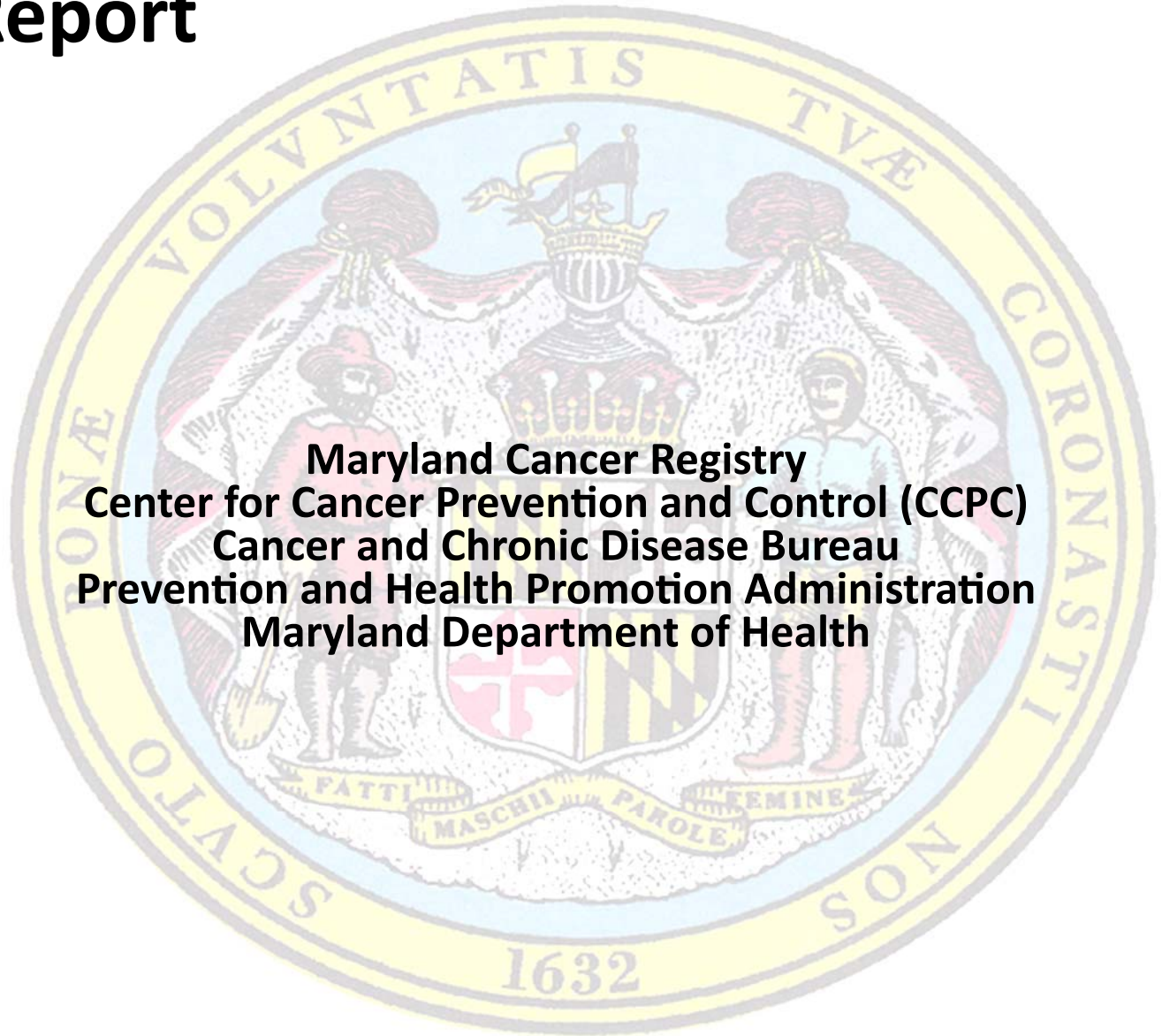
Robert R. Neall  
*Secretary*  
*Maryland Department of*  
*Health*



# Cancer in Maryland: 2015 Incidence and Mortality Report

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# **Cancer in Maryland: 2015 Incidence and Mortality Report**



**Maryland Cancer Registry  
Center for Cancer Prevention and Control (CCPC)  
Cancer and Chronic Disease Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health**

This report is supported with funds from the Maryland Department of Health , the Maryland Cigarette Restitution Fund Program, and the Centers for Disease Control and Prevention, National Program of Cancer Registries (**Grant Number-5NU58DP006333**).

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## I. DATA HIGHLIGHTS

Data presented in this report includes cancers reported for the year 2015 and are presented as age-adjusted rates and number of cancer cases and deaths by gender and race.

### A. Incidence

- A total of 31,001 new cases of invasive cancer were diagnosed among Maryland residents in 2015.
- Most frequently diagnosed cancer by gender:
  - *Males:* **Prostate cancer** was the most frequently diagnosed cancer among Maryland men with a total of 4,063 new cases reported in 2015.
  - *Females:* **Breast cancer** was the most frequently diagnosed cancer among Maryland women with a total of 4,876 new cases reported in 2015.

### B. Mortality

- 10,568 Maryland residents died as a result of any type of cancer in 2015, making cancer the second leading cause of death in Maryland.
- Cancer of the **lung and bronchus** was the most common cause of cancer deaths among Marylanders, with 2,579 cancer deaths in 2015. When observed separately by sex, **lung and bronchus** cancer was the leading cause of death among both men and women.

Data suppression rules for this report can be found at:

[https://phpa.health.maryland.gov/cancer/Documents/Mortality%20Suppression%20Policy\\_01062012\\_FINAL.pdf](https://phpa.health.maryland.gov/cancer/Documents/Mortality%20Suppression%20Policy_01062012_FINAL.pdf)

## II. INTRODUCTION

According to the Maryland Cancer Registry (MCR), a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer is the second leading cause of death in the United States, exceeded only by heart disease. In the U.S., cancer accounts for nearly one out of every four deaths; in 2015, approximately 589,430 Americans died of cancer (more than 1,615 people a day), and in Maryland, 10,568 people died from cancer.

### A. Maryland Cancer Registry (MCR)

The MCR collects all new cases of reportable cancers diagnosed and/or treated in Maryland and is the State of Maryland's official source for cancer statistics.

#### *History*

In 1992, the Maryland General Assembly enacted Maryland Health-General Article §§ 18-203 and 18-204 which required hospitals, radiation therapy centers, and in- and out-of-state cancer diagnostic laboratories (that provide services to Maryland physicians) to electronically report all cancer cases diagnosed and/or treated in Maryland beginning July 1, 1993. In 1996, the laws were amended to require freestanding ambulatory care facilities, surgical centers, and physicians (whose non-hospitalized patients are not otherwise reported 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, requiring the reporting of benign brain and central nervous system tumors to the MCR effective October 2001.

The Code of Maryland Regulations 10.14.01 were adopted in 1992 and were further amended in 1993, 1997, 2003, 2013 and 2017. The MCR operates in accordance with Public Law 20-515 and the standards set by North American Association of Central Cancer Registries (NAACCR) and the Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR).

#### *Interstate data collection*

On August 4, 2016, the MCR signed the National Interstate Data Exchange Agreement through the NAACCR. This agreement allows the MCR to conduct interstate data exchanges with registries that have also signed the agreement. As of May 2018, there are 54 registries that are participating in this agreement.

#### *Funding*

The MCR first received funding from NPCR in 1996. The MCR has since received yearly funding from the NPCR to support MCR efforts towards the collection of timely, complete, and accurate data. Other funding sources include the Cigarette Restitution Fund and Maryland State general funds.



## B. MCR Operations

The MCR is composed of two entities:

- i. A central office, located in the Center for Cancer Prevention and Control at the Maryland Department of Health (MDH), which has administrative, technical, analytical, fiscal, and custodial oversight of MCR.
- ii. A subcontractor collects and processes all cancer reports, and performs data quality assurance and database management.

## C. Organization of this Report

This report provides 2015 cancer incidence and mortality statistics for the State of Maryland. Data tables include counts for major cancer sites and age-adjusted incidence and mortality rates by year, site, gender, and race for Maryland and its counties. The *2015 Incidence and Mortality Report* includes County Data Pages that summarize data for leading cancer sites in each county.

This report is also available on the MCR website at:

[https://phpa.health.maryland.gov/cancer/Pages/surv\\_data-reports.aspx](https://phpa.health.maryland.gov/cancer/Pages/surv_data-reports.aspx).

# III. DATA COLLECTION AND MANAGEMENT

## A. Reporting Facilities

This report presents data collected from **53** Maryland hospitals, **12** radiation treatment centers, **32** laboratories, **72** ambulatory surgery centers, **62** physicians, and central cancer registries from **15** states and the District of Columbia. Each facility is required to submit cancer reports on all new cancer cases to the MCR.

## B. Cancer Case Reporting and Definition

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

- i. *Invasive cancers*: This includes all malignant cancers at any site (except for non-genital basal and squamous cell carcinoma of skin), and *in situ* cancers of the urinary bladder diagnosed in Maryland residents between January 1, 2015 and December 31, 2015. (American Cancer Society (ACS) criteria)
- ii. *Benign and in situ tumors*: These are tumors the MDH considers important for the review and evaluation of state cancer control programs, but are not included in this report.

The ACS criteria are also used for incidence calculations by the National Cancer Institute's Surveillance Epidemiology End Results Program (SEER), the American College of Surgeons, and NAACCR.

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 and are shown in *Table A: International Classification of Diseases for Oncology, Third Edition (ICD-O-3)* and *ICD-10 Codes Used to Derive MCR Incidence and Mortality Cancer Data*.

Only new cases diagnosed among Maryland residents in 2015 are included in the analysis.

<b>ICD-O-3 Codes Used to Derive Incidence Data</b>			<b>ICD-10 Codes Used to Derive Mortality Data</b>
<b>Site</b>	<b>Incidence Topography (Site)</b>	<b>Incidence Histology</b>	<b>CDC Wonder Site Selections</b>
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	C00.0-C97, D09.0
Brain and Other Nervous System	C70.0--C72.9	Excludes codes 9050-9055, 9140, and 9590-9989	C70.0-C72.9
Cervix	C53.0--C53.9	Excludes codes 9050-9055, 9140, and 9590-9989	C53.0-C53.9
Colon and Rectum	C18.0--C20.9, C26.0	Excludes codes 9050-9055, 9140, and 9590-9989	C18.0-C20.9, C26.0
Corpus and Uterus NOS	C54.0--54.9, C55.9	Excludes codes 9050-9055, 9140, and 9590-9989	C54.0-C54.9, C55
Esophagus	C15.0--C15.9	Excludes codes 9050-9055, 9140, and 9590-9989	C15.0-C15.9
Female Breast	C50.0--C50.9	Excludes codes 9050-9055, 9140, and 9590-9989	C50.0-C50.9
Hodgkins Lymphoma	C 00.0--C80.9	Includes codes 9650-9667	C81.0-C81.9
Kidney and Renal Pelvis	C64.9, C65.9	Excludes codes 9050-9055, 9140, and 9590-9989	C64.1--C64.9, C65.1--C64.9
Larynx	C32.0--C32.9	Excludes codes 9050-9055, 9140, and 9590-9989	C32.0-C32.9

<b>Site</b>	<b>Incidence Topography (Site)</b>	<b>Incidence Histology</b>	<b>CDC Wonder Site Selections</b>
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	C91.0-C91.9, C92.0-C92.9, C93.0-C93.9, C94.0-C94.7, C95.0-C95.9
	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	C22.0-C22.9
Lung and Bronchus	C34.0--C34.9	Excludes codes 9050-9055, 9140, and 9590-9989	C34.0-C34.9
Multiple Myeloma	C42.1, C42.0, C42.4	Includes codes 9731-9732, 9734	C90.0
Myeloma			C88.0-C88.9, C90.0-C90.3
Myelodysplastic Syndromes	C42.1	Includes codes 9980,9982-9987,9989, 9991, 9992	D46.0--D46.9
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	C82.0-C82.9, C83.0-C83.9, C84.0-C84.5, C85.0-C85.9
	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	C00.0-C14.8
Ovary	C56.9	Excludes codes 9050-9055, 9140, and 9590-9989	C56.1--C56.9
Pancreas	C25.0--C25.9	Excludes codes 9050-9055, 9140, and 9590-9989	C25.0-C25.9
Prostate	C61.9	Excludes codes 9050-9055, 9140, and 9590-9989	C61
Skin Melanoma	C44.0--C44.9	Includes codes 8720-8790	C43.0--C43.9
Stomach	C16.0--C16.9	Excludes codes 9050-9055, 9140, and 9590-9989	C16.0-C16.9
Testis	C62.0--C62.9	Excludes codes 9050-9055, 9140, and 9590-9989	C62.0--C62.9
Thyroid	C73.9	Excludes codes 9050-9055, 9140, and 9590-9989	C73
Urinary Bladder (includes in situ and malignant)	C67.0--C67.9	Excludes codes 9050-9055, 9140, and 9590-9989	C67.0-C67.9, D09.0

### C. Registry Certification

Every year, NAACCR evaluates MCR data for completeness, quality, and timeliness. In 2015, MCR's incidence data received NAACCR gold certification for all measures, indicating that data submitted were at least 95% complete. MCR's 2011 – 2015 incidence data also met NPCR National Data Quality Standard and U.S. Cancer Statistics Publication Standard.

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

The MCR conducts two major activities to maintain quality control and assurance of information received: 1) intra- and inter-record edits of cancer case reports, and 2) yearly audits, or case finding review and re-abstracting of a sample of records from selected reporting facilities. The MCR quality control/quality assurance program also provides the following components for case finding data completeness:

- i. A review of death certificate data to identify additional cancer cases among deceased Maryland residents who were not previously reported to the MCR, *and*
- ii. Follow back with the ordering physician about cases reported by laboratories to obtain additional demographic, clinical, and treatment data.

### E. Data Confidentiality

MDH regards data received, processed, and reported to or by the MCR confidential, and data are secured from unauthorized access and disclosure. 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 and 204, the Code of Maryland Regulations 10.14.01, Cancer Registry and policies available at: [https://phpa.health.maryland.gov/cancer/Pages/mcr\\_regs.aspx](https://phpa.health.maryland.gov/cancer/Pages/mcr_regs.aspx).

## IV. DATA CHARTS

The data charts in this report present 2015 cancer incidence and mortality by cancer type, gender, and race for the State of Maryland. The County Data Pages contain 2015 counts of incidence and mortality for all cancer sites, 2011 - 2015 incidence and mortality rates for the top five cancers the top five cancer incidence and mortality rates by gender and race, and the distribution of the stage at diagnosis for the top five cancers (2011-2015). **All tables and charts should be reviewed with caution as changes in small numbers can lead to wide variations in rates.** Confidence intervals are included with rates in the state tables to help guide interpretation. In accordance with the MCR Data Use Manual and Procedures, this report presents data in aggregate.

2015

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

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Table I 1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race

	All Genders*** 2015											
	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	31,001	449.3	444.2	454.5	21,260	462.1	455.8	468.6	8,281	441.8	431.9	451.8
Brain and Other Central Nervous System	363	5.6	5.0	6.2	269	6.3	5.5	7.1	70	3.9	3.0	4.9
Cervix	228	6.7	5.9	7.7	129	6.4	5.3	7.6	78	7.1	5.6	8.9
Colon and Rectum	2,444	35.9	34.5	37.4	1,597	35.1	33.3	36.9	710	39.1	36.2	42.2
Esophagus	339	4.8	4.3	5.4	263	5.6	4.9	6.3	68	3.7	2.8	4.7
Female Breast (Malignant Only)	4,876	131.4	127.6	135.2	3,158	133.4	128.6	138.4	1,433	130.6	123.7	137.7
Hodgkin Lymphoma	169	2.8	2.4	3.2	97	2.6	2.1	3.2	58	3.1	2.4	4.1
Kidney and Renal Pelvis	1,045	15.1	14.2	16.1	720	15.6	14.5	16.8	297	16.0	14.2	18.1
Larynx	183	2.5	2.1	2.9	120	2.5	2.0	3.0	59	2.9	2.2	3.8
Leukemia	772	11.6	10.8	12.5	556	12.6	11.5	13.7	178	9.5	8.1	11.1
Liver and Intrahepatic Bile Duct	591	8.0	7.4	8.7	343	7.1	6.3	7.9	209	9.9	8.6	11.4
Lung and Bronchus	3,812	55.5	53.7	57.3	2,815	59.7	57.4	62.0	896	51.0	47.6	54.6
Melanoma	1,715	25.5	24.3	26.8	1,680	37.9	36.0	39.8	19	1.2	0.7	2.0
Multiple Myeloma	524	7.7	7.0	8.4	267	5.7	5.0	6.4	242	13.8	12.0	15.7
Myelodysplastic Syndrome	239	3.6	3.2	4.1	200	4.3	3.7	5.0	31	1.9	1.2	2.7
Non-Hodgkin Lymphoma	1,107	16.4	15.4	17.4	804	17.7	16.5	19.0	242	12.9	11.3	14.7
Oral Cavity and Pharynx	796	11.1	10.3	11.9	576	12.1	11.1	13.2	181	9.2	7.9	10.8
Ovary	439	11.9	10.7	13.1	309	12.8	11.3	14.3	101	9.7	7.9	11.9
Pancreas	902	13.0	12.2	13.9	589	12.4	11.4	13.5	267	14.7	12.9	16.7
Prostate	4,063	120.6	116.8	124.5	2,293	98.5	94.4	102.7	1,577	188.4	178.6	198.5
Stomach	459	6.6	6.0	7.3	268	5.8	5.1	6.5	150	8.4	7.1	10.0
Testis	134	4.7	3.9	5.5	120	6.9	5.7	8.2	10	**	**	**
Thyroid	911	14.2	13.3	15.2	594	14.9	13.7	16.2	206	10.7	9.3	12.4
Urinary Bladder	1,472	21.7	20.6	22.9	1,192	25.3	23.9	26.8	244	14.3	12.5	16.3
Uterus	1,123	28.7	27.0	30.5	715	28.5	26.4	30.8	347	30.2	27.0	33.6

\*All Races include other specified, unspecified and unknown race

\*\*\*All Genders include male, female, hermaphrodite, transsexual and unknown(unspecified)

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

<6 = case counts of 1-5 are suppressed per MDH/MCR Data Use Policy

\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

Source: Data as of January 03, 2018 Maryland Cancer Registry

Table I 1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race (Continued)

	All Genders*** 2015							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,129	258.5	243.2	274.5	917	287.6	266.9	309.3
Brain and Other Central Nervous System	14	**	**	**	20	5.2	2.9	8.5
Cervix	12	**	**	**	21	10.5	6.1	16.6
Colon and Rectum	104	23.5	19.1	28.7	69	21.8	16.4	28.2
Esophagus	7	**	**	**	<6	**	**	**
Female Breast (Malignant Only)	225	89.3	77.7	102.0	154	82.4	69.1	97.4
Hodgkin Lymphoma	12	**	**	**	10	**	**	**
Kidney and Renal Pelvis	23	5.4	3.4	8.1	26	8.3	5.1	12.5
Larynx	<6	**	**	**	<6	**	**	**
Leukemia	26	6.1	4.0	9.1	39	9.5	6.3	13.7
Liver and Intrahepatic Bile Duct	35	8.4	5.8	11.9	25	8.0	4.9	12.1
Lung and Bronchus	90	22.2	17.7	27.5	64	26.5	20.0	34.2
Melanoma	<6	**	**	**	17	5.8	3.1	9.6
Multiple Myeloma	8	**	**	**	14	**	**	**
Myelodysplastic Syndrome	7	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	47	12.1	8.8	16.1	43	12.8	8.8	17.7
Oral Cavity and Pharynx	33	7.3	5.0	10.4	15	**	**	**
Ovary	24	9.3	5.9	13.9	15	**	**	**
Pancreas	42	10.2	7.2	13.9	28	10.9	6.8	16.1
Prostate	144	71.5	59.9	84.6	92	78.8	61.7	98.8
Stomach	30	7.8	5.2	11.2	29	9.5	6.1	14.0
Testis	0	0.0	0.0	0.0	11	**	**	**
Thyroid	89	18.1	14.5	22.4	58	12.9	9.5	17.1
Urinary Bladder	29	7.9	5.3	11.5	23	9.9	6.0	15.1
Uterus	43	16.7	12.0	22.6	41	23.5	16.4	32.3

\*All Races include other specified, unspecified and unknown race

\*\*\*All Genders include male, female, hermaphrodite, transsexual and unknown(unspecified)

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

<6 = case counts of 1-5 are suppressed per MDH/MCR Data Use Policy

\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

\*\*\*\*Other includes Asian Pacific Islander, American Indian and Alaskan Native, does not include unspecified and unknown races

Source: Data as of January 03, 2018 Maryland Cancer Registry



Table I 2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race for Males

	Male 2015											
	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	15,234	488.9	481.0	497.0	10,585	493.5	483.8	503.2	4,012	512.4	495.5	529.6
Brain and Other Central Nervous System	206	6.7	5.8	7.8	156	7.6	6.4	8.9	34	4.1	2.8	5.8
Colon and Rectum	1,227	40.5	38.2	42.9	804	38.6	35.9	41.5	345	46.7	41.6	52.3
Esophagus	251	8.2	7.2	9.3	203	9.5	8.2	10.9	43	5.9	4.1	8.1
Hodgkin Lymphoma	93	3.1	2.5	3.9	54	2.9	2.1	3.8	31	3.7	2.4	5.3
Kidney and Renal Pelvis	648	20.6	19.0	22.3	461	21.3	19.3	23.4	169	21.7	18.3	25.4
Larynx	134	4.1	3.4	4.9	90	4.1	3.3	5.1	41	4.9	3.4	6.7
Leukemia	408	13.9	12.5	15.3	296	14.9	13.2	16.8	93	12.2	9.7	15.2
Liver and Intrahepatic Bile Duct	415	12.1	10.9	13.3	232	10.0	8.8	11.5	157	17.2	14.5	20.3
Lung and Bronchus	1,878	62.3	59.4	65.2	1,401	65.9	62.4	69.6	419	58.4	52.6	64.7
Melanoma	1,034	34.3	32.2	36.6	1,012	48.2	45.2	51.3	13	**	**	**
Multiple Myeloma	251	8.4	7.4	9.5	139	6.7	5.6	8.0	106	14.7	11.8	17.9
Myelodysplastic Syndrome	132	4.8	4.0	5.8	112	5.7	4.6	6.8	15	**	**	**
Non-Hodgkin Lymphoma	601	19.8	18.2	21.5	453	21.6	19.6	23.7	121	14.8	12.1	17.9
Oral Cavity and Pharynx	569	17.1	15.7	18.6	418	18.3	16.6	20.2	126	15.2	12.4	18.3
Pancreas	466	15.1	13.7	16.6	305	14.0	12.4	15.7	134	18.0	14.9	21.5
Prostate	4,063	120.6	116.8	124.5	2,293	98.5	94.4	102.7	1,577	188.4	178.6	198.5
Stomach	282	9.2	8.1	10.3	175	8.0	6.8	9.3	80	11.5	9.0	14.6
Testis	134	4.7	3.9	5.5	120	6.9	5.7	8.2	10	**	**	**
Thyroid	201	6.5	5.6	7.5	144	7.1	6.0	8.4	40	4.9	3.5	6.8
Urinary Bladder	1,116	38.6	36.3	41.0	930	45.0	42.1	48.1	162	23.6	19.8	27.8

\*All Races include other specified, unspecified and unknown race

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

<6 = case counts of 1-5 are suppressed per MDH/MCR Data Use Policy

\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

Source: Data as of January 03, 2018 Maryland Cancer Registry

Table I 2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race for Males (Continued)

	Male 2015							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	500	258.2	235.1	282.8	370	278.7	245.7	314.3
Brain and Other Central Nervous System	9	**	**	**	12	**	**	**
Colon and Rectum	61	30.6	23.2	39.7	37	23.8	15.6	34.6
Esophagus	<6	**	**	**	<6	**	**	**
Hodgkin Lymphoma	8	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	16	7.9	4.4	13.0	12	**	**	**
Larynx	<6	**	**	**	<6	**	**	**
Leukemia	16	7.5	4.2	12.4	16	9.2	4.2	16.9
Liver and Intrahepatic Bile Duct	23	11.8	7.3	18.0	16	9.9	5.2	17.0
Lung and Bronchus	52	29.2	21.5	38.6	24	25.7	15.7	38.8
Melanoma	<6	**	**	**	<6	**	**	**
Multiple Myeloma	<6	**	**	**	6	**	**	**
Myelodysplastic Syndrome	<6	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	19	10.6	6.2	16.7	25	15.6	9.0	24.7
Oral Cavity and Pharynx	20	10.0	6.0	15.7	10	**	**	**
Pancreas	26	13.3	8.5	19.6	12	**	**	**
Prostate	144	71.5	59.9	84.6	92	78.8	61.7	98.8
Stomach	19	11.6	6.8	18.1	14	**	**	**
Testis	0	0.0	0.0	0.0	11	**	**	**
Thyroid	16	6.8	3.9	11.1	<6	**	**	**
Urinary Bladder	19	11.3	6.6	17.7	17	19.5	10.6	31.8

\*All Races include other specified, unspecified and unknown race

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

<6 = case counts of 1-5 are suppressed per MDH/MCR Data Use Policy

\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

\*\*\*\*Other includes Asian Pacific Islander, American Indian and Alaskan Native, does not include unspecified and unknown races

Source: Data as of January 03, 2018 Maryland Cancer Registry

Table I 3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race for Females

	Female 2015											
	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	15,765	423.8	417.1	430.7	10,674	443.8	435.1	452.7	4,269	397.4	385.3	409.9
Brain and Other Central Nervous System	157	4.6	3.9	5.4	113	5.2	4.3	6.3	36	3.7	2.5	5.1
Cervix	228	6.7	5.9	7.7	129	6.4	5.3	7.6	78	7.1	5.6	8.9
Colon and Rectum	1,217	32.3	30.5	34.3	793	32.0	29.7	34.4	365	34.3	30.8	38.1
Esophagus	88	2.2	1.8	2.8	60	2.3	1.8	3.0	25	2.2	1.4	3.3
Female Breast (Malignant Only)	4,876	131.4	127.6	135.2	3,158	133.4	128.6	138.4	1,433	130.6	123.7	137.7
Hodgkin Lymphoma	76	2.5	1.9	3.1	43	2.4	1.7	3.3	27	2.7	1.8	4.0
Kidney and Renal Pelvis	397	10.7	9.6	11.8	259	10.8	9.4	12.2	128	12.1	10.0	14.5
Larynx	49	1.2	0.9	1.6	30	1.1	0.8	1.7	18	1.6	0.9	2.6
Leukemia	364	9.9	8.9	11.1	260	10.8	9.5	12.3	85	7.9	6.3	9.8
Liver and Intrahepatic Bile Duct	176	4.5	3.9	5.3	111	4.4	3.6	5.4	52	4.5	3.3	6.0
Lung and Bronchus	1,934	50.4	48.2	52.8	1,414	54.9	52.0	57.9	477	46.1	41.9	50.6
Melanoma	680	19.2	17.7	20.7	668	30.3	27.9	32.8	6	**	**	**
Multiple Myeloma	273	7.2	6.3	8.1	128	4.9	4.1	5.8	136	13.3	11.1	15.8
Myelodysplastic Syndrome	107	2.8	2.3	3.4	88	3.3	2.7	4.2	16	1.6	0.9	2.6
Non-Hodgkin Lymphoma	505	13.7	12.5	15.0	350	14.5	13.0	16.2	121	11.3	9.4	13.6
Oral Cavity and Pharynx	227	5.9	5.2	6.8	158	6.3	5.3	7.5	55	5.0	3.7	6.5
Ovary	439	11.9	10.7	13.1	309	12.8	11.3	14.3	101	9.7	7.9	11.9
Pancreas	436	11.4	10.3	12.6	284	11.1	9.8	12.6	133	12.5	10.4	14.9
Stomach	177	4.7	4.0	5.4	93	3.8	3.1	4.7	70	6.5	5.1	8.3
Thyroid	710	21.4	19.8	23.1	450	22.6	20.5	24.9	166	15.5	13.2	18.1
Urinary Bladder	356	9.3	8.3	10.3	262	10.1	8.9	11.4	82	8.3	6.5	10.3
Uterus	1,123	28.7	27.0	30.5	715	28.5	26.4	30.8	347	30.2	27.0	33.6

\*All Races include other specified, unspecified and unknown race

\*\*\*Both Genders include male, female, hermaphrodite, transsexual and unknown(unspecified)

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

<6 = case counts of 1-5 are suppressed per MDH/MCR Data Use Policy

\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

Source: Data as of January 03, 2018 Maryland Cancer Registry

Table I 3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Gender and Race for Females (Continued)

	Female 2015							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	629	260.6	240.2	282.4	547	307.0	279.9	335.9
Brain and Other Central Nervous System	<6	**	**	**	8	**	**	**
Cervix	12	**	**	**	21	10.5	6.1	16.6
Colon and Rectum	43	17.7	12.7	24.1	32	19.8	13.1	28.3
Esophagus	<6	**	**	**	0	0.0	0.0	0.0
Female Breast (Malignant Only)	225	89.3	77.7	102.0	154	82.4	69.1	97.4
Hodgkin Lymphoma	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	7	**	**	**	14	**	**	**
Larynx	0	0.0	0.0	0.0	<6	**	**	**
Leukemia	10	**	**	**	23	10.5	6.3	16.4
Liver and Intrahepatic Bile Duct	12	**	**	**	9	**	**	**
Lung and Bronchus	38	16.6	11.7	23.0	40	27.7	19.4	38.0
Melanoma	<6	**	**	**	13	**	**	**
Multiple Myeloma	<6	**	**	**	8	**	**	**
Myelodysplastic Syndrome	<6	**	**	**	0	0.0	0.0	0.0
Non-Hodgkin Lymphoma	28	13.3	8.7	19.3	18	10.4	5.9	16.7
Oral Cavity and Pharynx	13	**	**	**	<6	**	**	**
Ovary	24	9.3	5.9	13.9	15	**	**	**
Pancreas	16	7.4	4.1	12.1	16	10.3	5.6	17.1
Stomach	11	**	**	**	15	**	**	**
Thyroid	73	28.2	22.0	35.6	53	24.0	17.6	31.9
Urinary Bladder	10	**	**	**	6	**	**	**
Uterus	43	16.7	12.0	22.6	41	23.5	16.4	32.3

\*All Races include other specified, unspecified and unknown race

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

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\*\* Rates based on case counts of 1-15 are suppressed per MDH/MCR Data Use Policy

\*\*\*\*Other includes Asian Pacific Islander, American Indian and Alaskan Native, does not include unspecified and unknown races

Source: Data as of January 03, 2018 Maryland Cancer Registry

2015

## Maryland Cancer Mortality Cases by Selected Site, Race, and Gender

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Table M 1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race

	Both Genders 2015											
	*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	10,568	155.1	152.1	158.1	7,175	152.2	148.6	155.8	3,065	176.3	169.9	182.8
Brain and Other Central Nervous System	285	4.2	3.7	4.6	230	5.1	4.4	5.7	44	2.4	1.7	3.2
Cervix	69	1.9	1.4	2.4	s	1.5	1.0	2.1	33	3.0	2.1	4.3
Colon and Rectum	615	13.5	12.6	14.4	603	12.8	11.7	13.8	290	17.3	15.2	19.4
Esophagus	259	3.7	3.2	4.1	203	4.2	3.7	4.8	s	2.8	2.1	3.7
Female Breast (Malignant Only)	825	21.7	20.2	23.3	525	20.5	18.6	22.3	283	26.5	23.4	29.7
Hodgkin Lymphoma	12	**	**	**	10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	241	3.6	3.1	4.0	171	3.7	3.1	4.2	s	4.0	3.1	5.2
Larynx	86	1.2	1.0	1.5	49	1.0	0.7	1.3	s	2.0	1.3	2.8
Leukemia	379	5.8	5.2	6.4	287	6.2	5.5	7.0	77	4.6	3.6	5.8
Liver and Intrahepatic Bile Duct	455	6.3	5.7	6.9	260	5.3	4.6	5.9	173	8.9	7.5	10.2
Lung and Bronchus	2,579	37.6	36.1	39.0	1,817	38.2	36.4	40.0	690	39.7	36.6	42.8
Melanoma	121	1.8	1.5	2.1	112	2.5	2.0	2.9	<10	**	**	**
Multiple Myeloma	257	3.9	3.4	4.4	140	3.0	2.5	3.6	107	6.7	5.4	8.0
Non-Hodgkin Lymphoma	342	5.1	4.5	5.6	255	5.4	4.8	6.1	76	4.3	3.3	5.4
Oral Cavity and Pharynx	155	2.2	1.9	2.6	107	2.3	1.8	2.7	s	2.3	1.7	3.2
Ovary	247	6.5	5.7	7.3	163	6.5	5.5	7.5	s	7.4	5.8	9.3
Pancreas	807	11.6	10.8	12.5	538	11.2	10.2	12.2	237	13.5	11.7	15.3
Prostate	556	21.0	19.2	22.8	324	16.8	15.0	18.7	215	38.3	32.9	43.8
Stomach	238	3.5	3.0	3.9	131	2.9	2.4	3.4	85	4.9	3.9	6.1
Urinary Bladder	293	4.4	3.9	4.9	238	5.0	4.4	5.7	s	3.1	2.2	4.1
Uterus	214	5.5	4.7	6.2	111	4.4	3.5	5.2	s	8.4	6.8	10.4

\*All Races includes White, Black or African American, Asian or Pacific Islander, American Indian or Alaska Native

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<10 = case counts of 0-9 are suppressed per MDH/CDC Data Use Policy

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

\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

Source: CDC Wonder as of February 22, 2018

Table M 1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race (Continued)

	Both Genders 2015							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	328	84.8	75.3	94.3	206	75.7	64.2	87.3
Brain and Other Central Nervous System	11	**	**	**	14	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	22	5.4	3.3	8.2	18	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	17	7.7	2.6	7.3	14	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	15	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	22	5.6	3.5	8.5	11	**	**	**
Lung and Bronchus	72	18.1	14.1	23.0	30	13.4	8.8	19.7
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	11	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Ovary	<10	**	**	**	<10	**	**	**
Pancreas	32	7.7	5.2	10.9	17	**	**	**
Prostate	17	**	**	**	<10	**	**	**
Stomach	22	5.8	3.6	8.9	16	**	**	**
Urinary Bladder	<10	**	**	**	<10	**	**	**
Uterus	<10	**	**	**	<10	**	**	**

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\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

\*\*\*Other Includes Asian or Pacific Islander and American Indian or Alaska Native

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Source: CDC Wonder as of February 22, 2018



Table M 2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race

	Male 2015											
	*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	5,377	183.7	178.7	188.8	3,722	179.4	173.5	185.3	1,473	216.0	204.2	227.9
Brain and Other Central Nervous System	155	4.9	4.1	5.7	124	5.9	4.8	7.0	s	2.8	1.8	4.3
Colon and Rectum	460	15.7	14.2	17.1	306	14.6	13.0	16.3	142	21.2	17.4	25.0
Esophagus	203	6.6	5.7	7.6	164	7.7	6.5	8.9	s	4.9	3.4	6.9
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	165	5.5	4.7	6.4	118	5.6	4.6	6.7	s	6.8	4.8	9.2
Larynx	70	2.3	1.8	2.9	39	1.8	1.3	2.5	s	4.1	2.6	6.0
Leukemia	228	8.3	7.2	9.4	178	9.1	7.7	10.4	s	6.3	4.4	8.7
Liver and Intrahepatic Bile Duct	316	9.6	8.5	10.7	171	7.5	6.4	8.7	s	15.4	12.7	18.2
Lung and Bronchus	1,335	44.9	42.4	47.4	957	45.5	42.6	48.5	336	47.8	42.3	53.2
Melanoma	80	2.8	2.2	3.4	74	3.6	2.8	4.6	<10	**	**	**
Multiple Myeloma	122	4.4	3.6	5.2	s	3.8	3.0	4.8	41	6.9	4.8	9.5
Non-Hodgkin Lymphoma	201	6.9	5.9	7.9	152	7.4	6.2	8.6	s	5.7	4.0	7.9
Oral Cavity and Pharynx	107	3.5	2.8	4.1	78	3.6	2.8	4.6	s	3.4	2.2	5.1
Pancreas	397	13.1	11.8	14.4	262	12.2	10.7	13.7	117	16.7	13.5	19.9
Prostate	556	21.0	19.2	22.8	324	16.8	15.0	18.7	215	38.3	32.9	43.8
Stomach	140	4.7	3.9	5.5	85	4.0	3.2	5.0	s	6.4	4.5	9.0
Urinary Bladder	223	8.2	7.1	9.3	185	9.2	7.9	10.6	s	5.9	3.9	8.4

\*All Races includes White, Black or African American, Asian or Pacific Islander, American Indian or Alaska Native

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\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

Source: CDC Wonder as of February 22, 2018

Table M 2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race (Continued)

	Male 2015							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	182	106.9	90.7	123.0	89	73.1	55.9	93.9
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Colon and Rectum	12	**	**	**	<10	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	<10	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	s	**	**	**	<10	**	**	**
Lung and Bronchus	42	23.8	17.0	32.6	15	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Pancreas	18	**	**	**	<10	**	**	**
Prostate	17	**	**	**	<10	**	**	**
Stomach	s	**	**	**	s	**	**	**
Urinary Bladder	<10	**	**	**	<10	**	**	**

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

<10 = case counts of 0-9 are suppressed per MDH/CDC Data Use Policy

\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

\*\*\*Other Includes Asian or Pacific Islander and American Indian or Alaska Native

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Source: CDC Wonder as of February 22, 2018

Table M 3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race

	Female 2015											
	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	5,191	135.1	131.3	138.9	3,453	132.1	127.5	136.6	1,592	153.5	145.8	161.3
Brain and Other Central Nervous System	130	3.5	2.9	4.1	106	4.3	3.5	5.2	s	**	**	**
Cervix	69	1.9	1.4	2.4	s	1.5	1.0	2.1	33	3.0	2.1	4.3
Colon and Rectum	455	11.8	10.7	12.9	297	11.1	9.8	12.5	148	14.8	12.3	17.2
Esophagus	56	1.4	1.1	1.8	39	1.5	1.0	2.0	s	**	**	**
Female Breast (Malignant Only)	825	21.7	20.2	23.3	525	20.5	18.6	22.3	283	26.5	23.4	29.7
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	76	2.1	1.6	2.6	53	2.1	1.5	2.8	s	2.3	1.4	3.6
Larynx	16	**	**	**	10	**	**	**	<10	**	**	**
Leukemia	151	4.0	3.3	4.6	109	4.1	3.3	4.9	s	3.6	2.5	5.0
Liver and Intrahepatic Bile Duct	139	3.6	3.0	4.2	89	3.4	2.7	4.1	s	4.0	2.9	5.5
Lung and Bronchus	1,244	32.2	30.4	34.0	860	32.7	30.5	34.9	354	34.4	30.7	38.1
Melanoma	41	1.1	0.8	1.5	38	1.5	1.0	2.1	<10	**	**	**
Multiple Myeloma	135	3.6	2.9	4.2	s	2.4	1.9	3.1	66	6.7	5.1	8.5
Non-Hodgkin Lymphoma	141	3.6	3.0	4.3	103	3.8	3.0	4.5	s	3.3	2.2	4.7
Oral Cavity and Pharynx	48	1.3	0.9	1.7	29	1.2	0.8	1.7	s	**	**	**
Ovary	247	6.5	5.7	7.3	163	6.5	5.5	7.5	s	7.4	5.8	9.3
Pancreas	410	10.5	9.5	11.5	276	10.4	9.1	11.7	120	11.4	9.3	13.5
Stomach	98	2.5	2.1	3.1	46	1.8	1.3	2.4	s	4.1	3.0	5.5
Urinary Bladder	70	1.8	1.4	2.3	53	2.0	1.5	2.6	s	**	**	**
Uterus	214	5.5	4.7	6.2	111	4.4	3.5	5.2	s	8.4	6.8	10.4

\*All Races includes White, Black or African American, Asian or Pacific Islander, American Indian or Alaska Native

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

<10 = case counts of 0-9 are suppressed per MDH/CDC Data Use Policy

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

\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

Source: CDC Wonder as of February 22, 2018

Table M 3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Gender and Race (Continued)

	Female 2015							
	***Other				Spanish/Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	146	67.1	55.9	78.3	117	78.4	63.3	93.5
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	10	**	**	**	s	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	17	**	**	**	14	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	<10	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	<10	**	**	**	<10	**	**	**
Lung and Bronchus	30	13.6	9.0	19.7	15	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Ovary	<10	**	**	**	<10	**	**	**
Pancreas	14	**	**	**	s	**	**	**
Stomach	<10	**	**	**	<10	**	**	**
Urinary Bladder	<10	**	**	**	<10	**	**	**
Uterus	<10	**	**	**	<10	**	**	**

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

<10 = case counts of 0-9 are suppressed per MDH/CDC Data Use Policy

\*\* Rates based on case counts of 0-19 are suppressed per MDH/CDC Data Use Policy

\*\*\*Other Includes Asian or Pacific Islander and American Indian or Alaska Native

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

Source: CDC Wonder as of February 22, 2018

2015 Maryland Incidence and Mortality  
Selected Facts  
(Maryland and by County)

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# Maryland



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

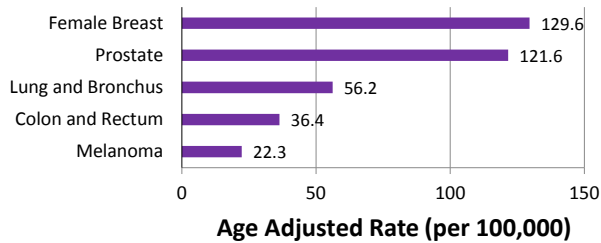
In 2015, the number of incidence and mortality cases in Maryland were:

**Incidence:** 31,001 new cases of all cancer cases

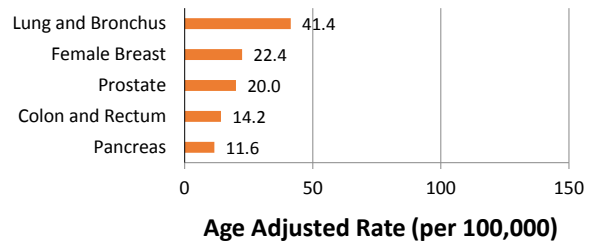
**Mortality:** 10,568 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

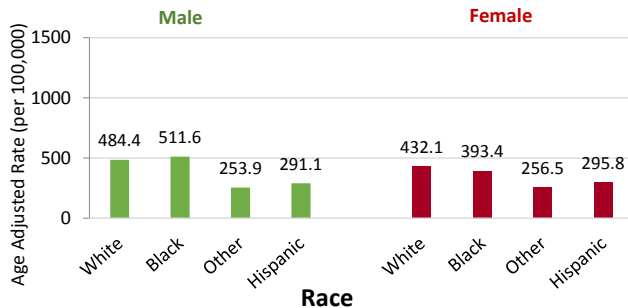


#### MORTALITY

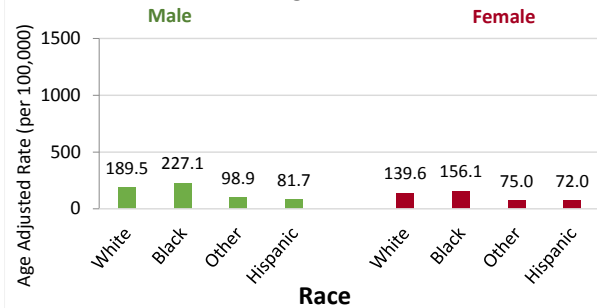


### Incidence and Mortality Rates by Race and Gender, 2011-2015

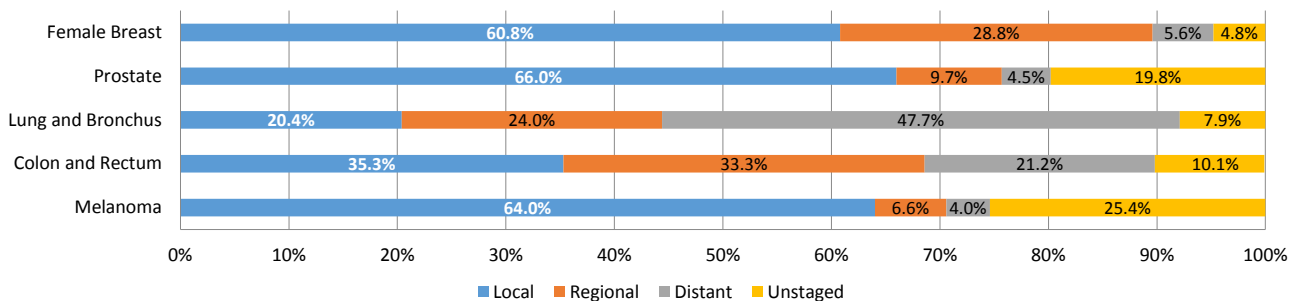
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\* Percentages for cancer staging may not total 100% due to rounding

# Allegany County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

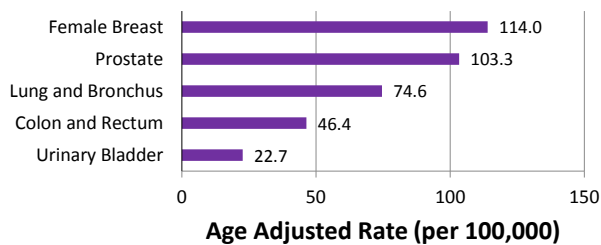
In 2015, the number of incidence and mortality cases in Allegany County were:

**Incidence:** 489 new cases of all cancer cases

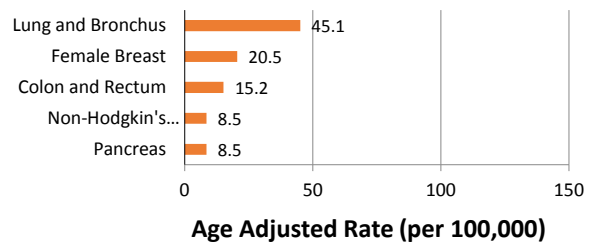
**Mortality:** 185 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

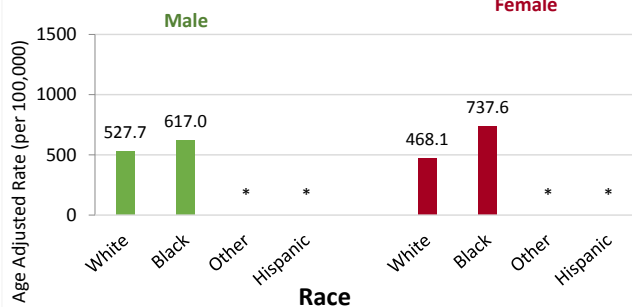


#### MORTALITY

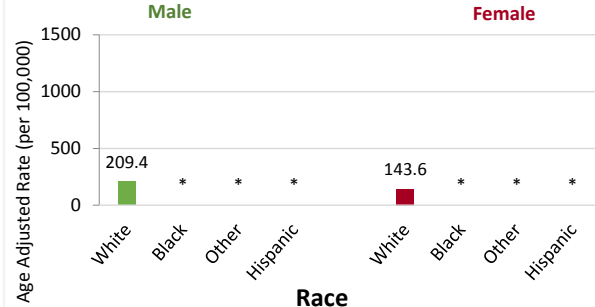


### Incidence and Mortality Rates by Race and Gender, 2011-2015

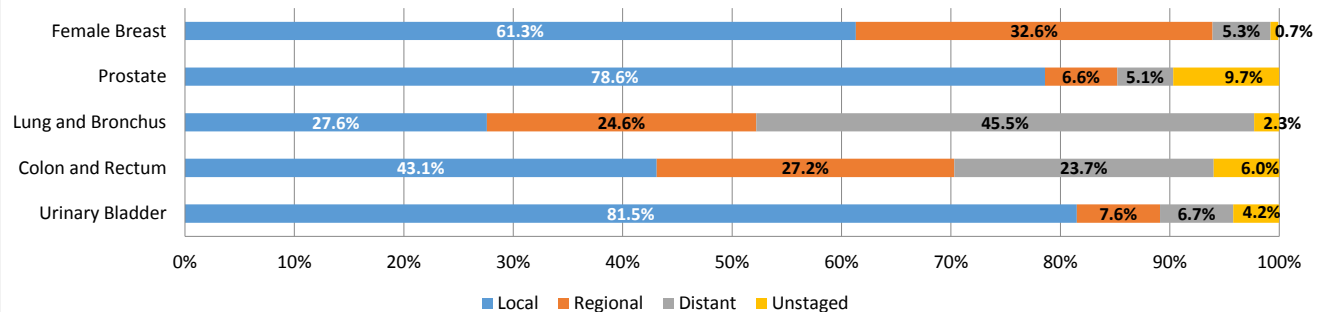
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding



# Anne Arundel County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

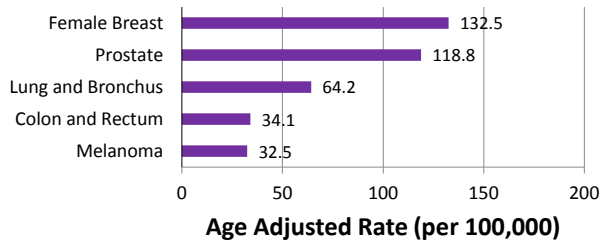
In 2015, the number of incidence and mortality cases in Anne Arundel County were:

**Incidence:** 2,957 new cases of all cancer cases

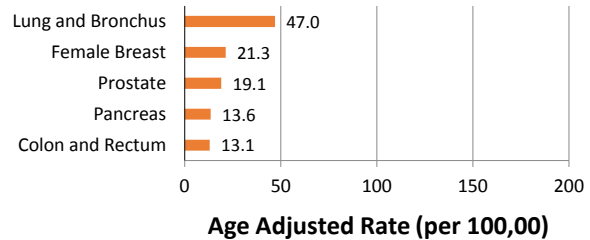
**Mortality:** 953 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

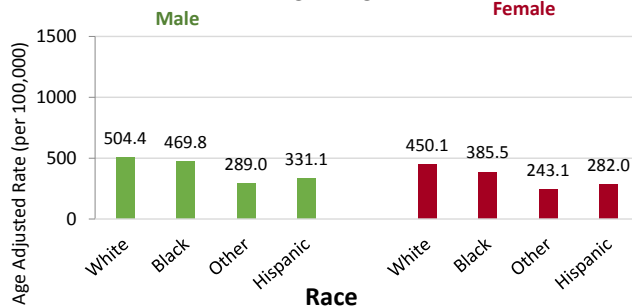


#### MORTALITY

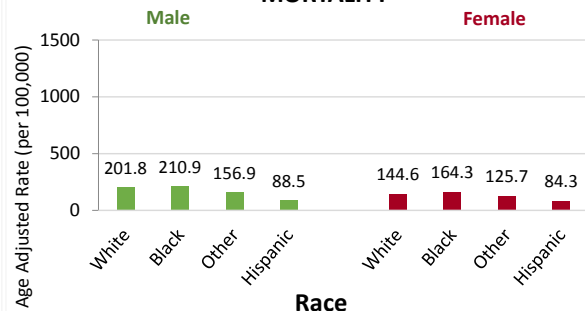


### Incidence and Mortality Rates by Race and Gender, 2011-2015

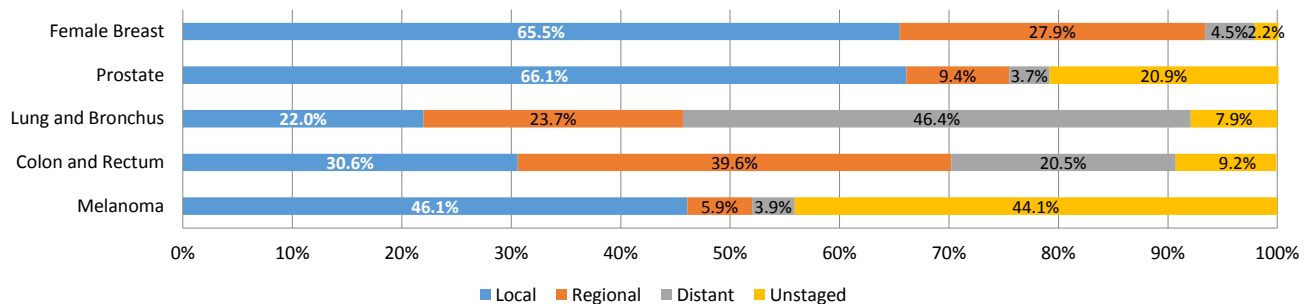
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

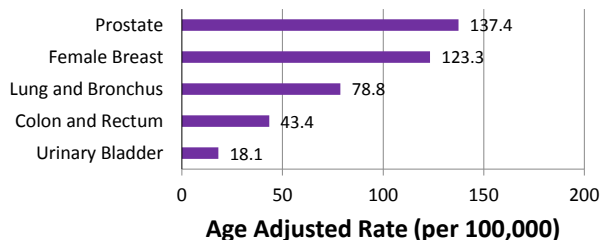
In 2015, the number of incidence and mortality cases in Baltimore City were:

**Incidence:** 3,177 new cases of all cancer cases

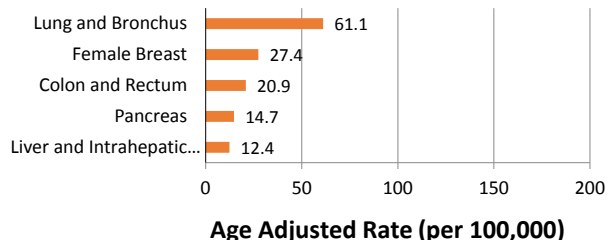
**Mortality:** 1,302 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

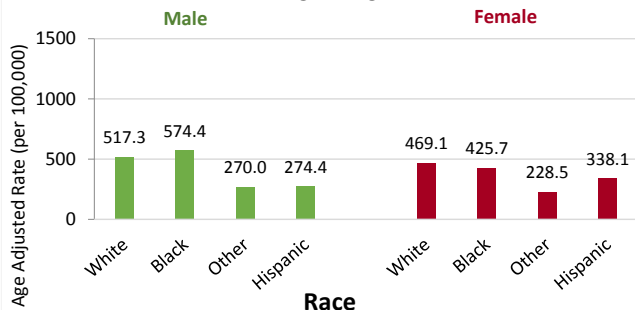


#### MORTALITY

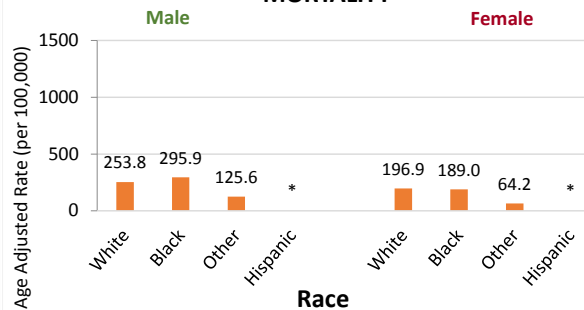


### Incidence and Mortality Rates by Race and Gender, 2011-2015

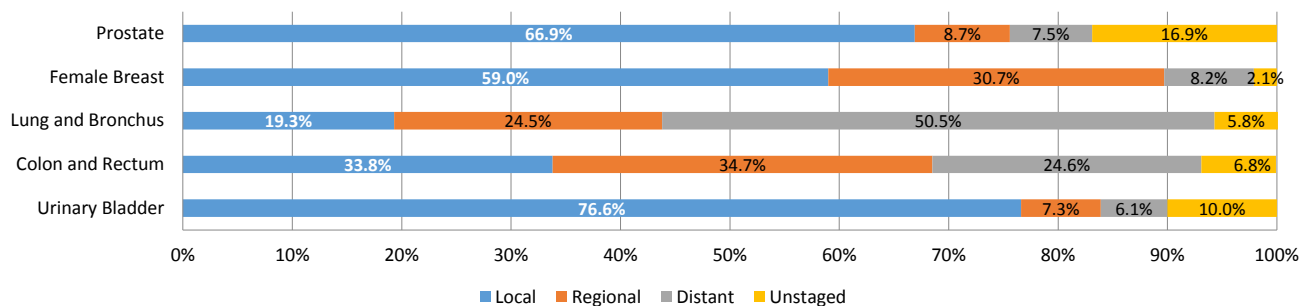
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Baltimore County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

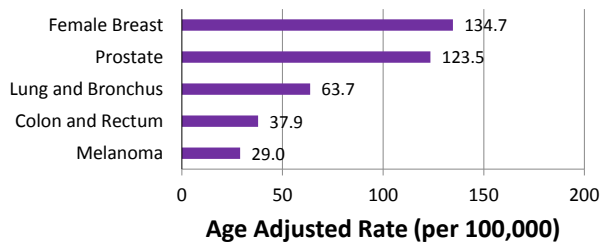
In 2015, the number of incidence and mortality cases in Baltimore County were:

**Incidence:** 5,024 new cases of all cancer cases

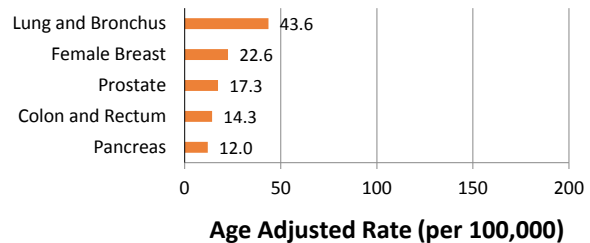
**Mortality:** 1,789 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

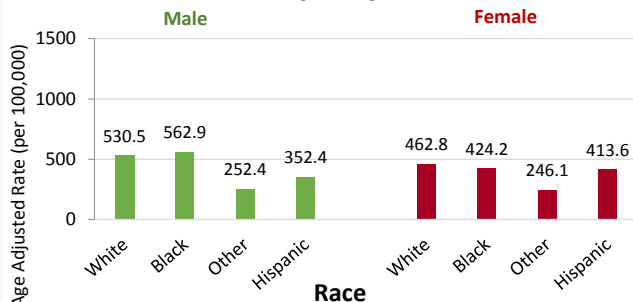


#### MORTALITY

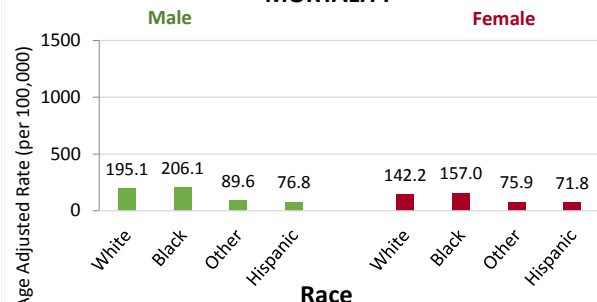


### Incidence and Mortality Rates by Race and Gender, 2011-2015

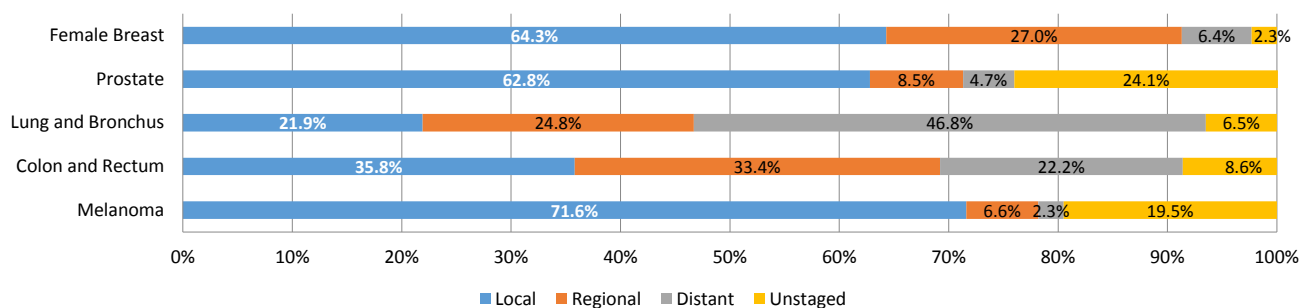
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Calvert County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

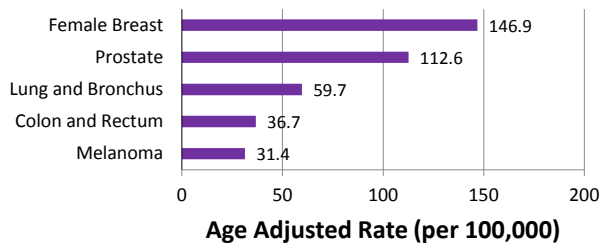
In 2015, the number of incidence and mortality cases in Calvert County were:

**Incidence:** 445 new cases of all cancer cases

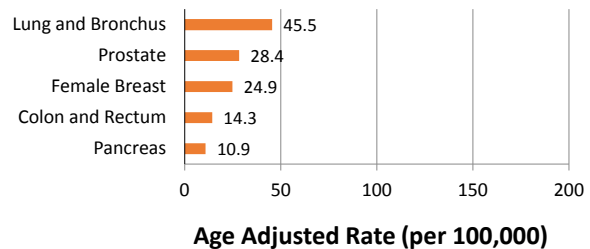
**Mortality:** 141 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

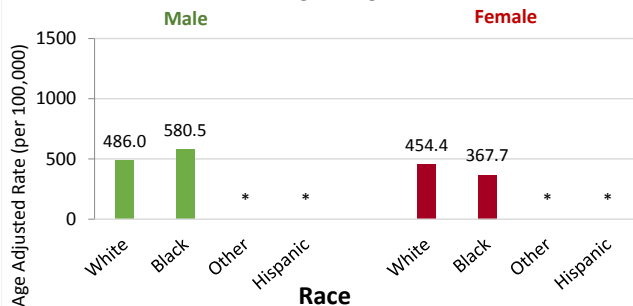


#### MORTALITY

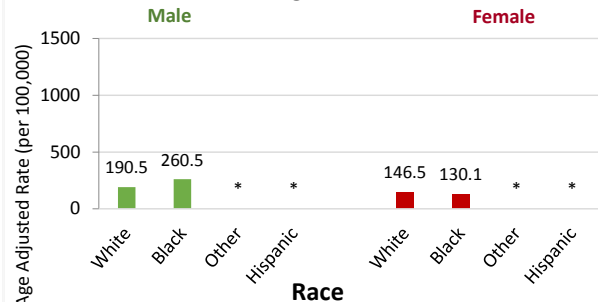


### Incidence and Mortality Rates by Race and Gender, 2011-2015

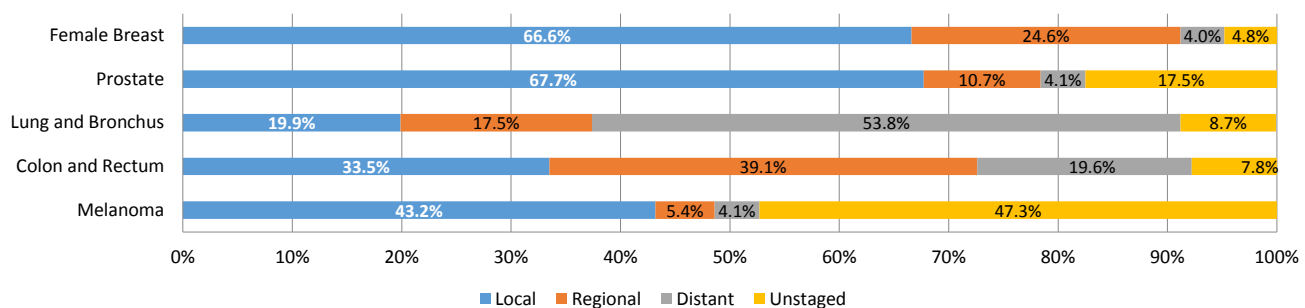
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Caroline County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

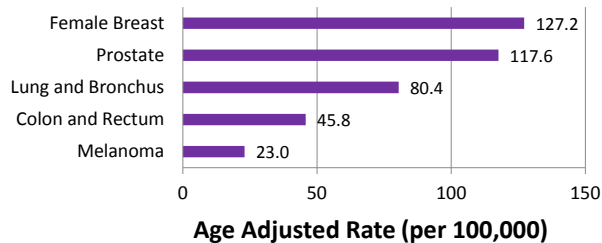
In 2015, the number of incidence and mortality cases in Caroline County were:

**Incidence:** 172 new cases of all cancer cases

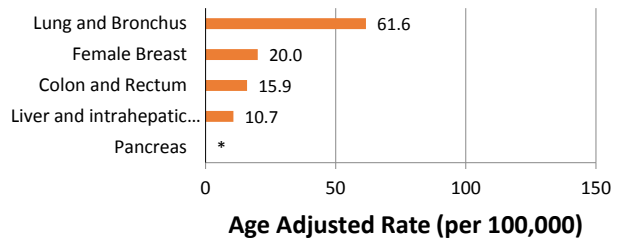
**Mortality:** 65 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

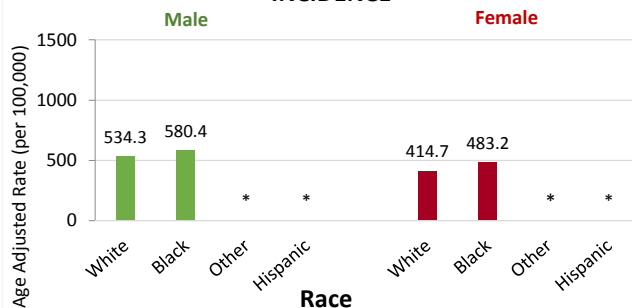


#### MORTALITY

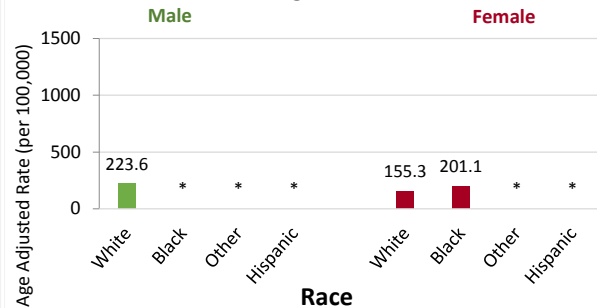


### Incidence and Mortality Rates by Race and Gender, 2011-2015

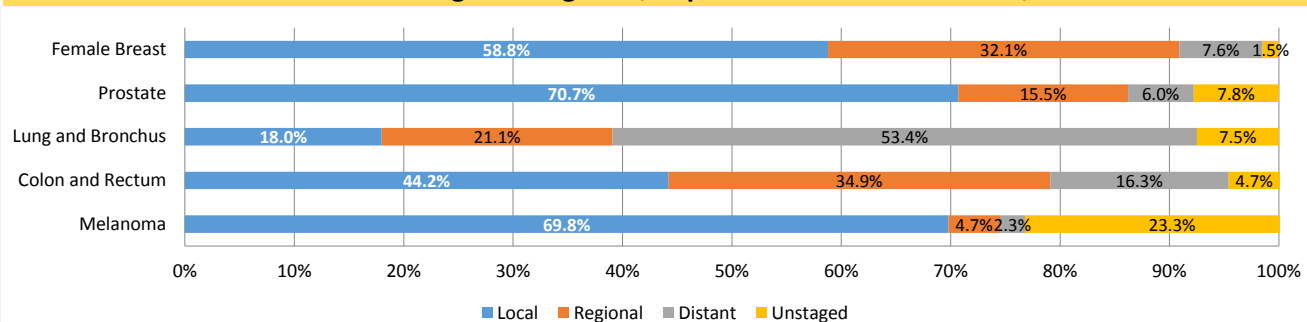
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Carroll County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

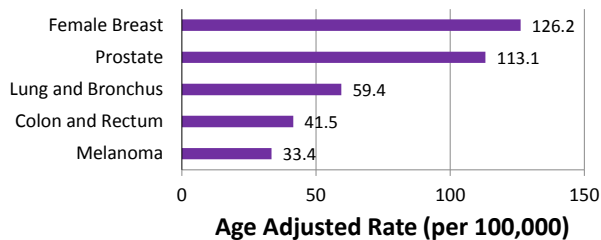
In 2015, the number of incidence and mortality cases in Carroll County were:

**Incidence:** 1,012 new cases of all cancer cases

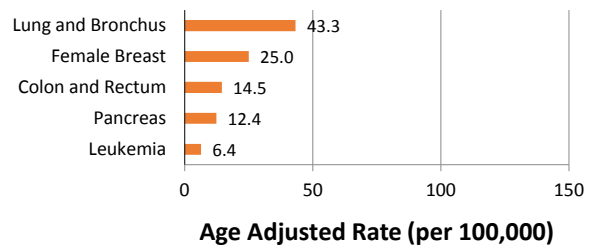
**Mortality:** 314 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

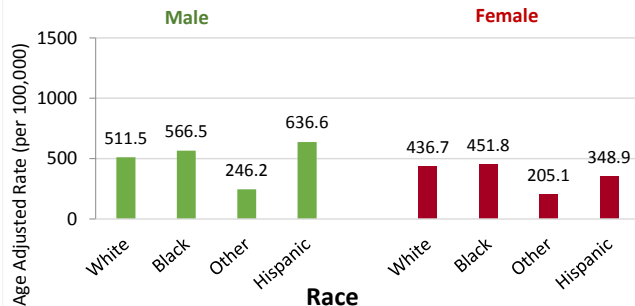


#### MORTALITY

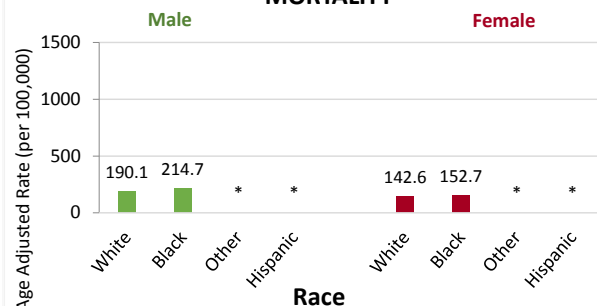


### Incidence and Mortality Rates by Race and Gender, 2011-2015

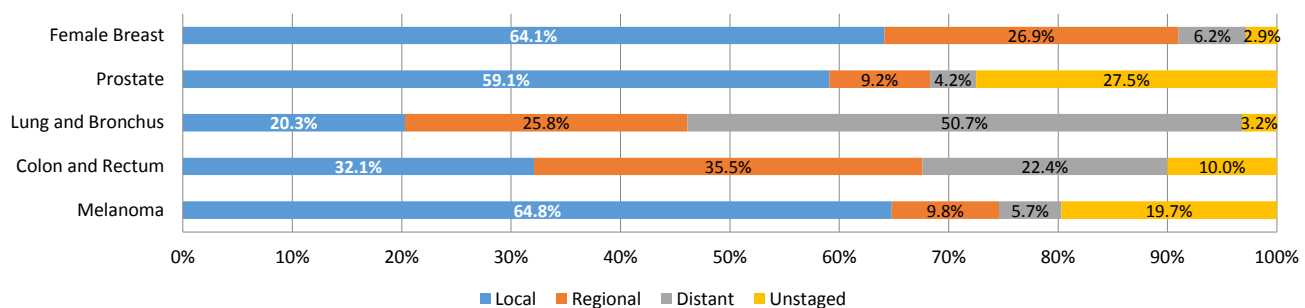
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Cecil County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

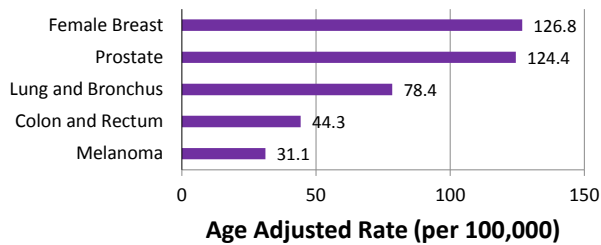
In 2015, the number of incidence and mortality cases in Cecil County were:

**Incidence:** 653 new cases of all cancer cases

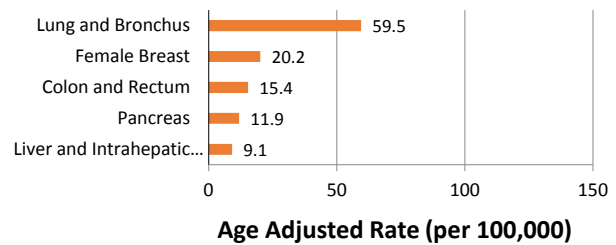
**Mortality:** 214 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

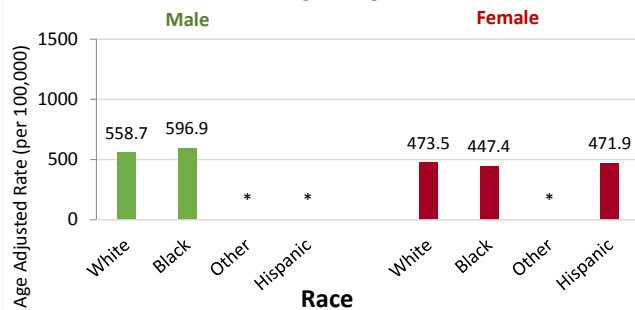


#### MORTALITY

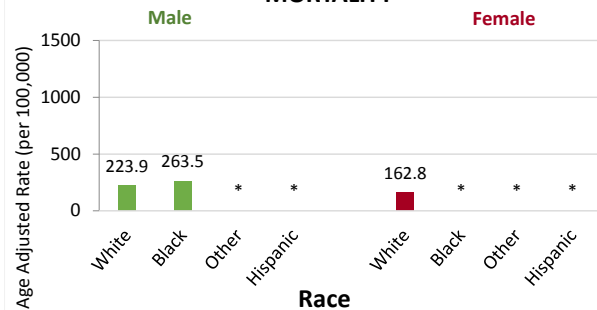


### Incidence and Mortality Rates by Race and Gender, 2011-2015

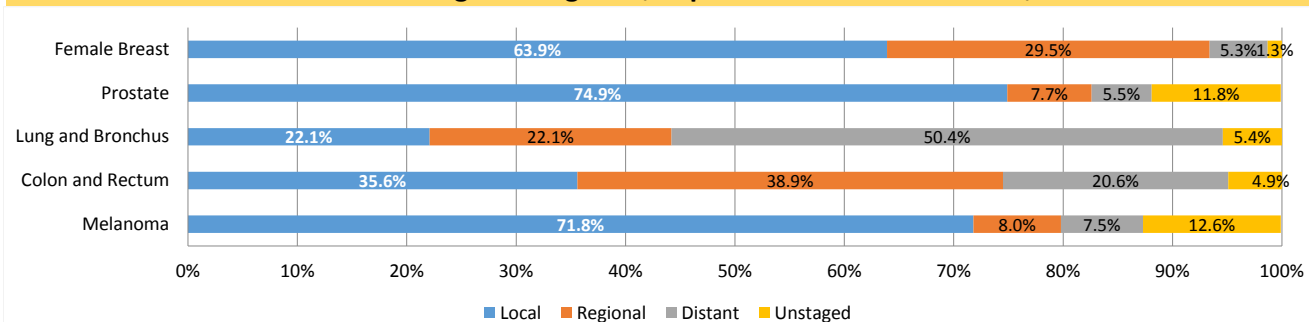
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Charles County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

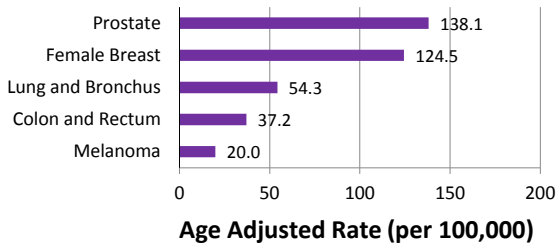
In 2015, the number of incidence and mortality cases in Charles County were:

**Incidence:** 723 new cases of all cancer cases

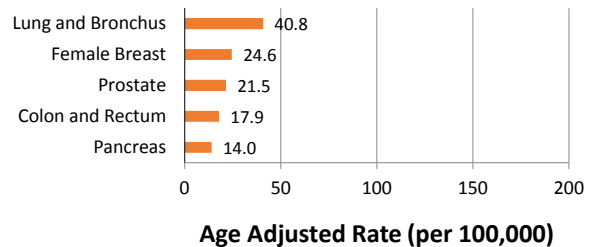
**Mortality:** 223 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

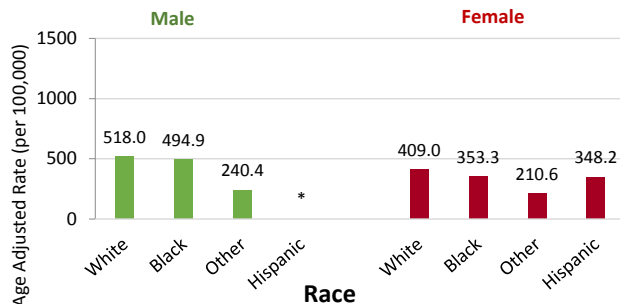


#### MORTALITY

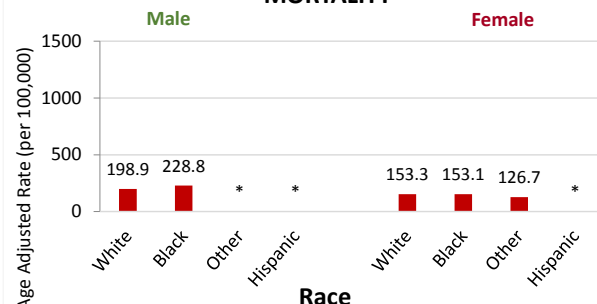


### Incidence and Mortality Rates by Race and Gender, 2011-2015

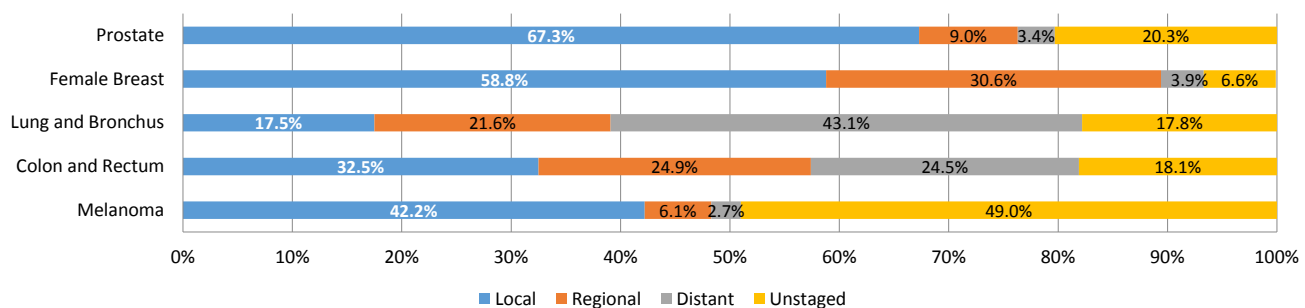
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding



# Dorchester County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

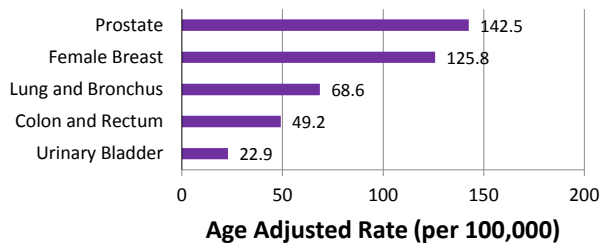
In 2015, the number of incidence and mortality cases in Dorchester County were:

**Incidence:** 214 new cases of all cancer cases

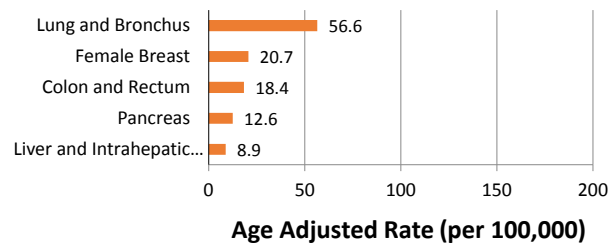
**Mortality:** 91 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

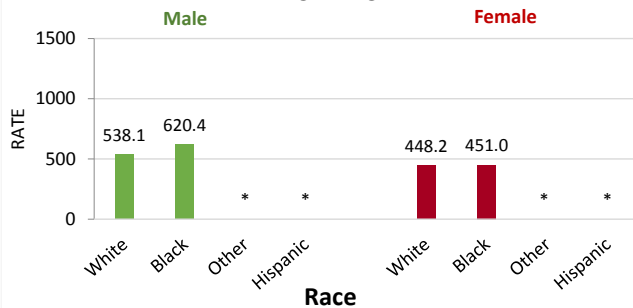


#### MORTALITY

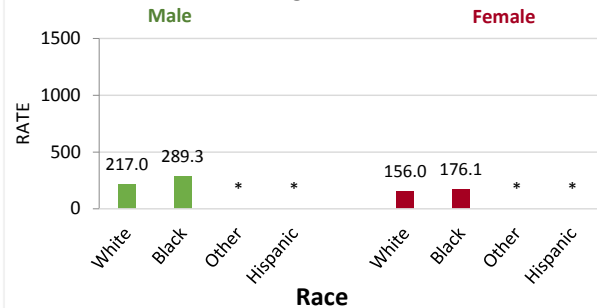


### Incidence and Mortality Rates by Race and Gender, 2011-2015

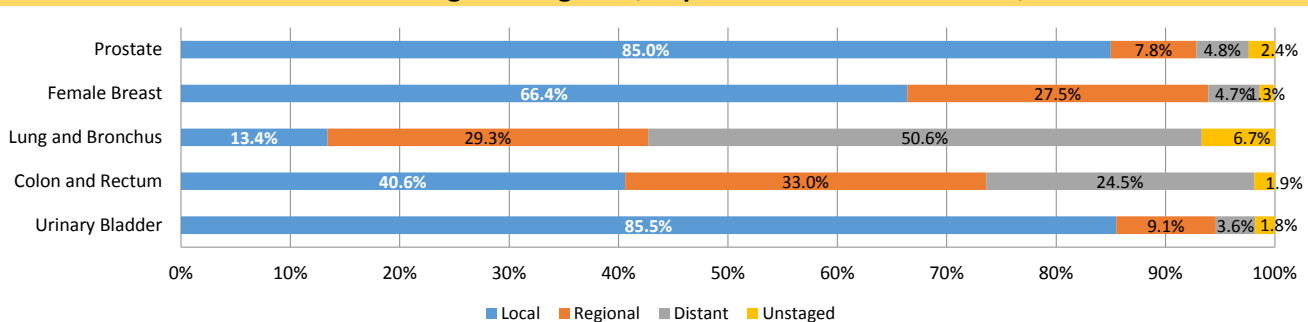
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Frederick County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

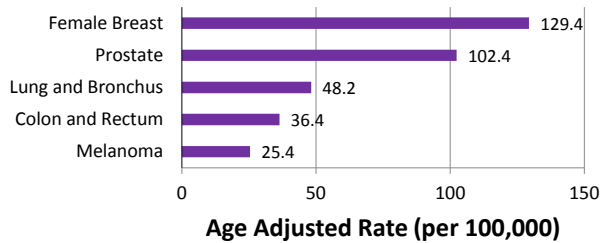
In 2015, the number of incidence and mortality cases in Frederick County were:

**Incidence:** 1,342 new cases of all cancer cases

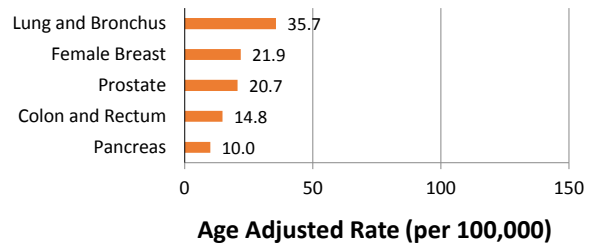
**Mortality:** 399 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

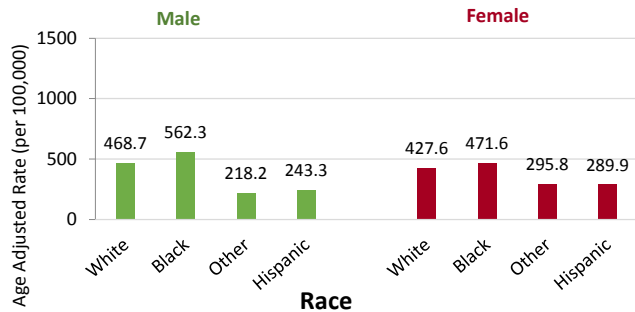


#### MORTALITY

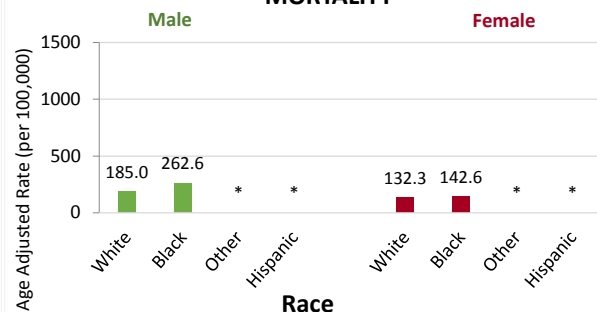


### Incidence and Mortality Rates by Race and Gender, 2011-2015

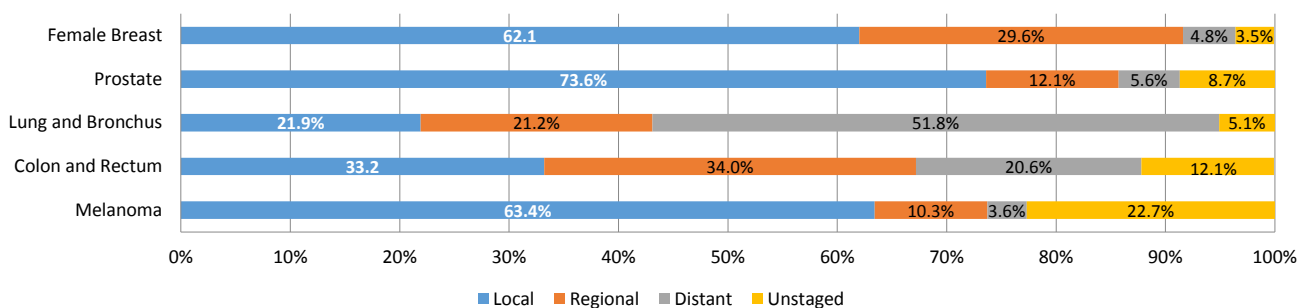
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Garrett County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

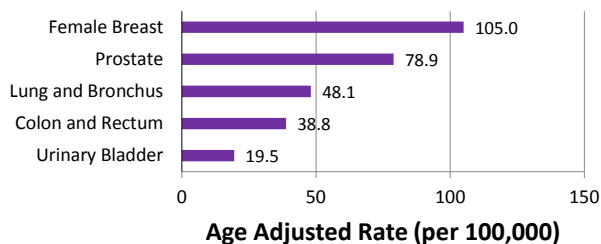
In 2015, the number of incidence and mortality cases in Garrett County were:

**Incidence:** 187 new cases of all cancer cases

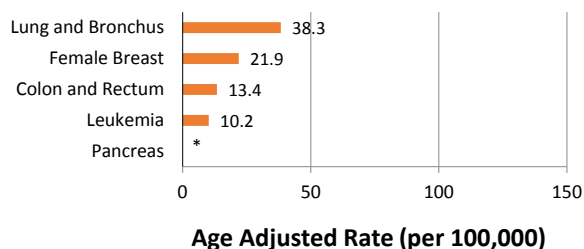
**Mortality:** 75 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

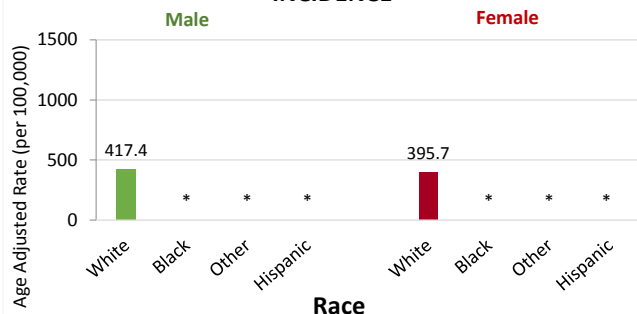


#### MORTALITY

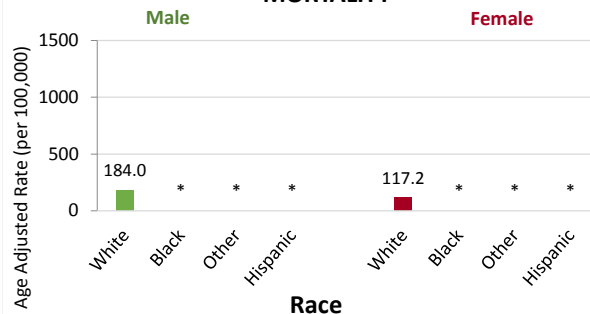


### Incidence and Mortality Rates by Race and Gender, 2011-2015

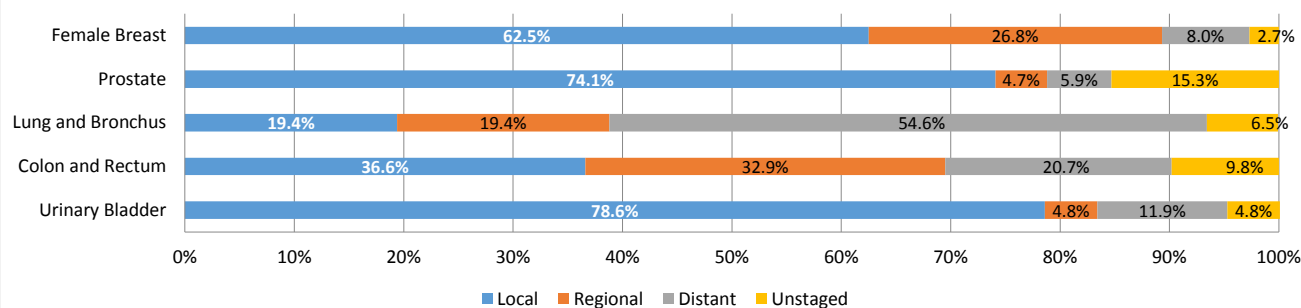
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Harford County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

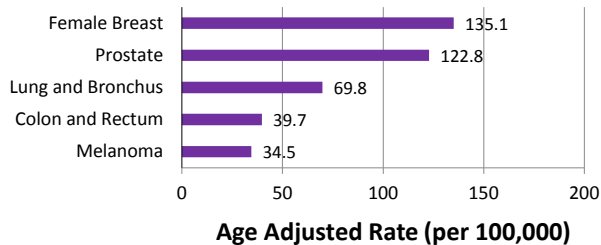
In 2015, the number of incidence and mortality cases in Harford County were:

**Incidence:** 1,562 new cases of all cancer cases

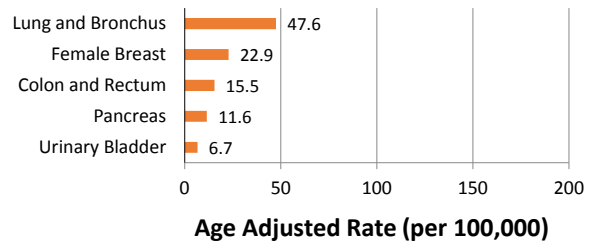
**Mortality:** 482 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

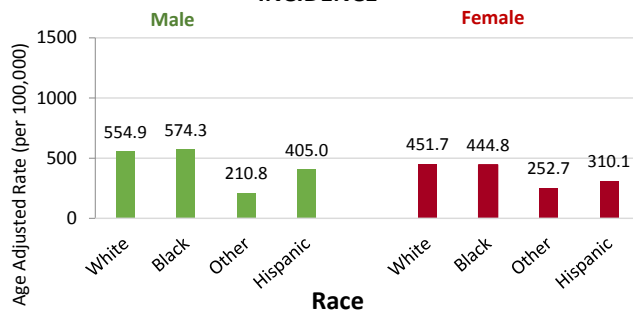


#### MORTALITY

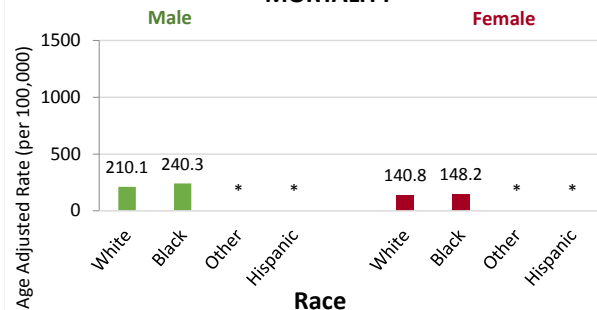


### Incidence and Mortality Rates by Race and Gender, 2011-2015

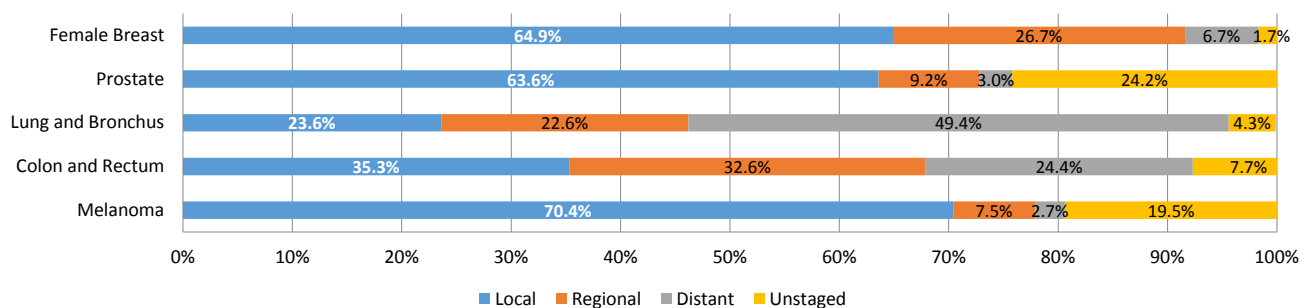
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Howard County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

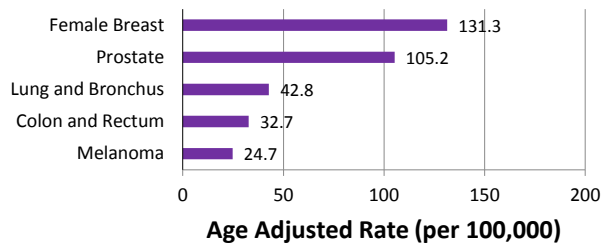
In 2015, the number of incidence and mortality cases in Howard County were:

**Incidence:** 1,339 new cases of all cancer cases

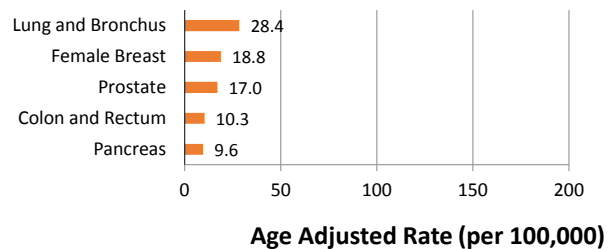
**Mortality:** 400 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

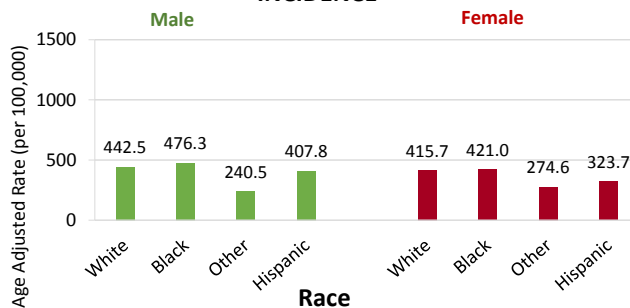


#### MORTALITY

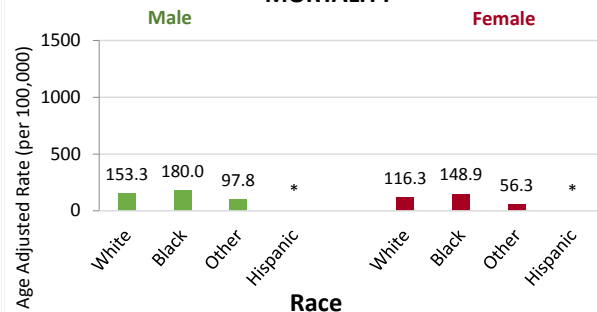


### Incidence and Mortality Rates by Race and Gender, 2011-2015

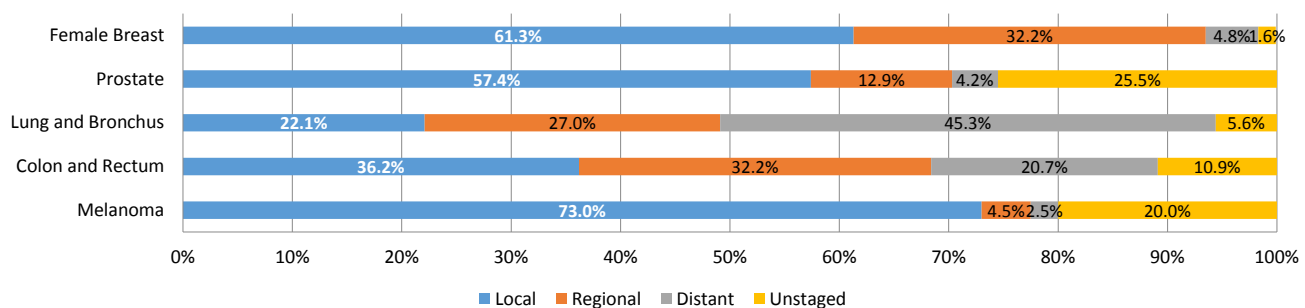
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Kent County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

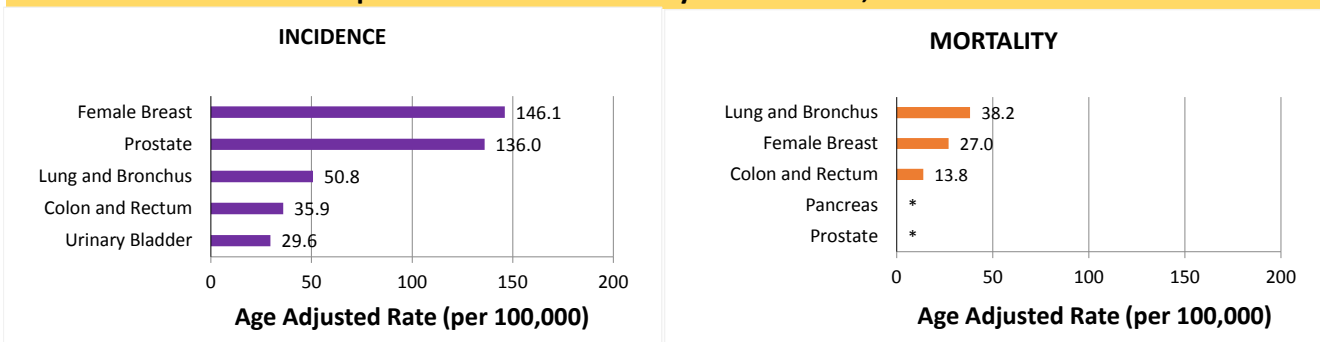
According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2015, the number of incidence and mortality cases in Kent County were:

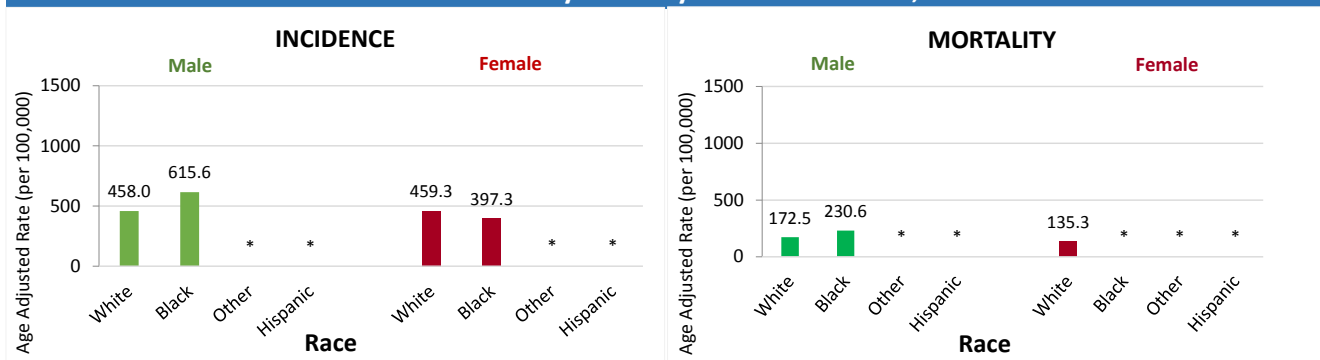
**Incidence:** 157 new cases of all cancer cases

**Mortality:** 49 deaths from cancer

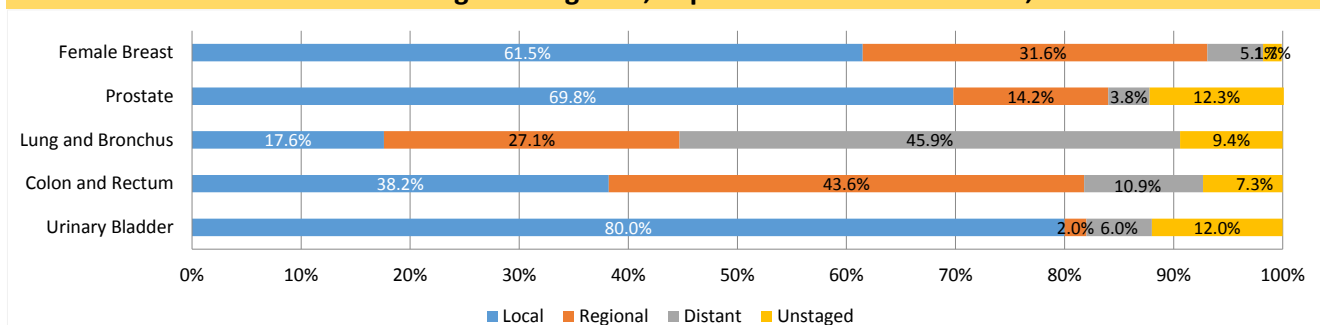
### Top 5 Incidence and Morality Cancer Rates, 2011-2015



### Incidence and Mortality Rates by Race and Gender, 2011-2015



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Montgomery County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

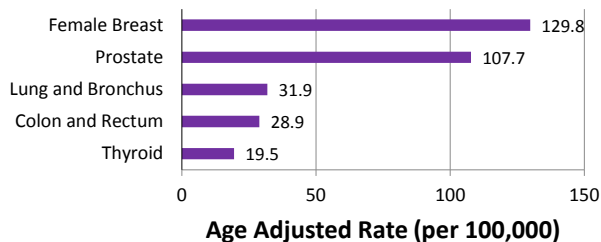
In 2015, the number of incidence and mortality cases in Montgomery County were:

**Incidence:** 4,415 new cases of all cancer cases

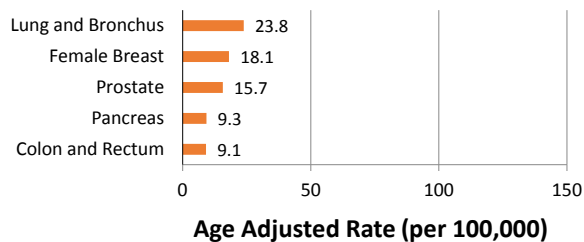
**Mortality:** 1,450 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

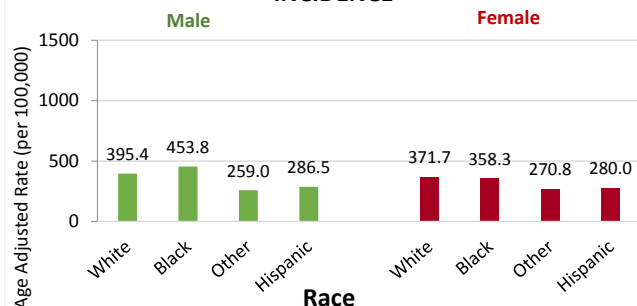


#### MORTALITY

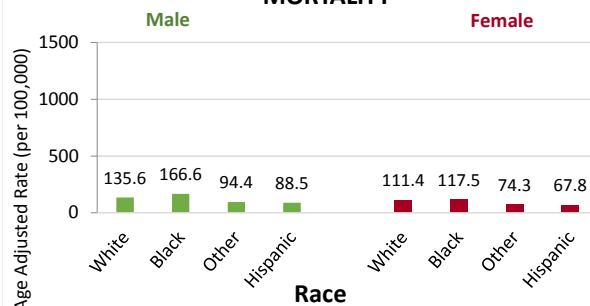


### Incidence and Mortality Rates by Race and Gender, 2011-2015

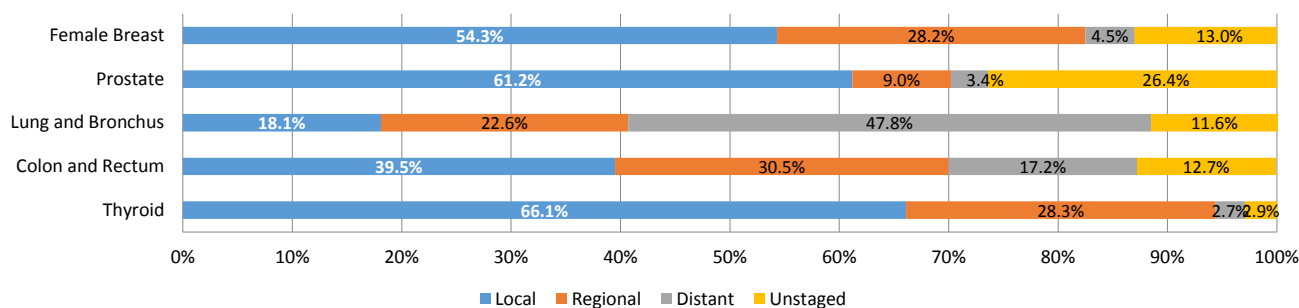
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

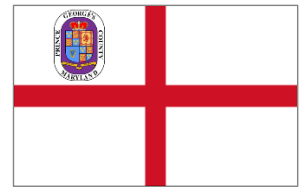
Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Prince George's County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

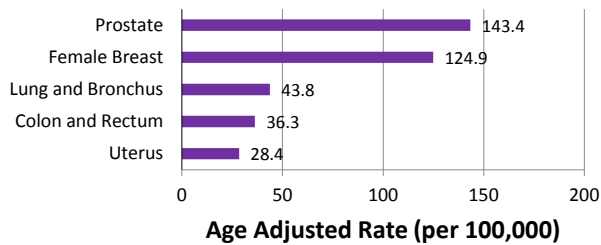
In 2015, the number of incidence and mortality cases in Prince George's County were:

**Incidence:** 3,850 new cases of all cancer cases

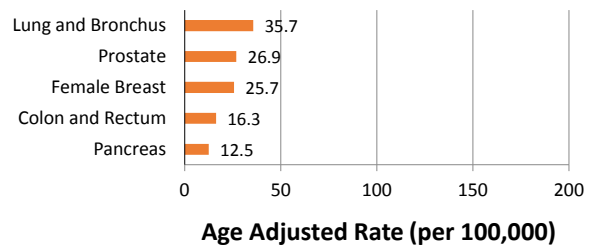
**Mortality:** 1,323 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

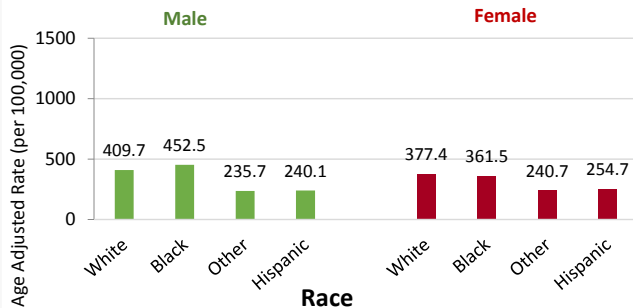


#### MORTALITY

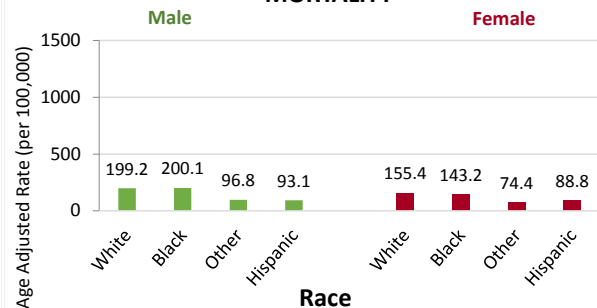


### Incidence and Mortality Rates by Race and Gender, 2011-2015

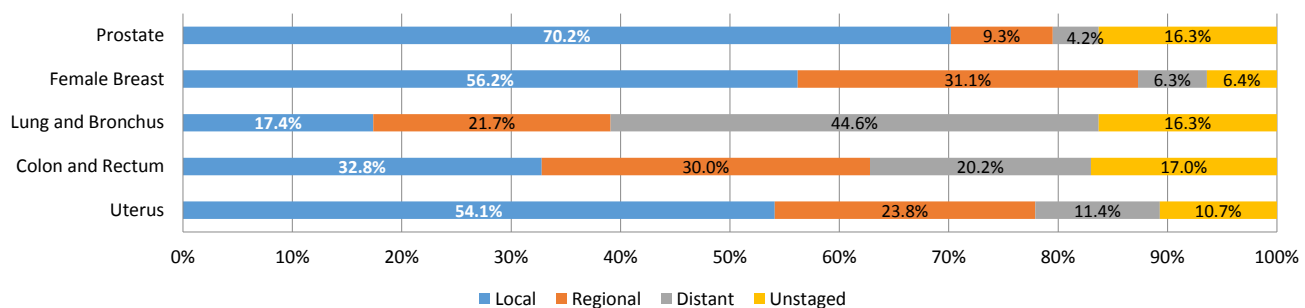
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding



# Queen Anne's County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

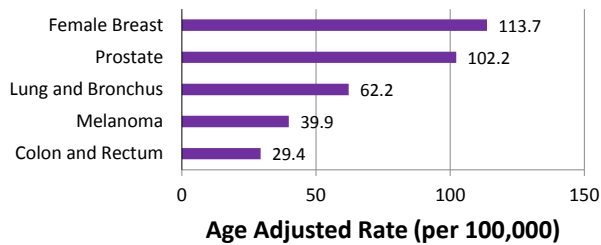
In 2015, the number of incidence and mortality cases in Queen Anne's County were:

**Incidence:** 292 new cases of all cancer cases

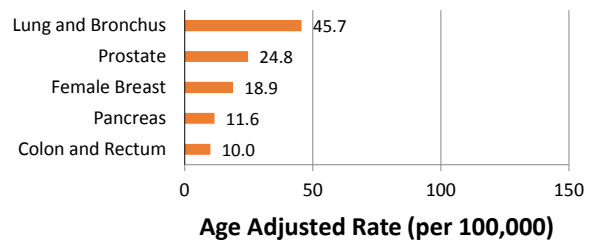
**Mortality:** 91 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

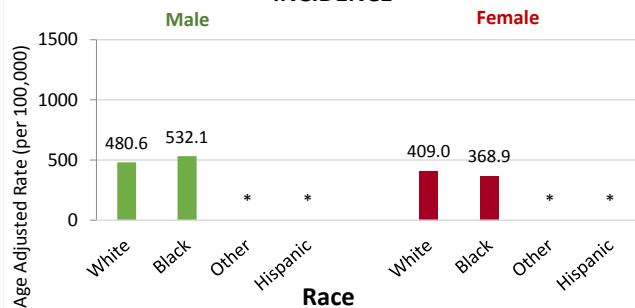


#### MORTALITY

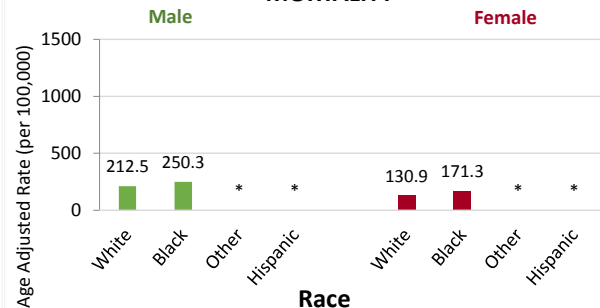


### Incidence and Mortality Rates by Race and Gender, 2011-2015

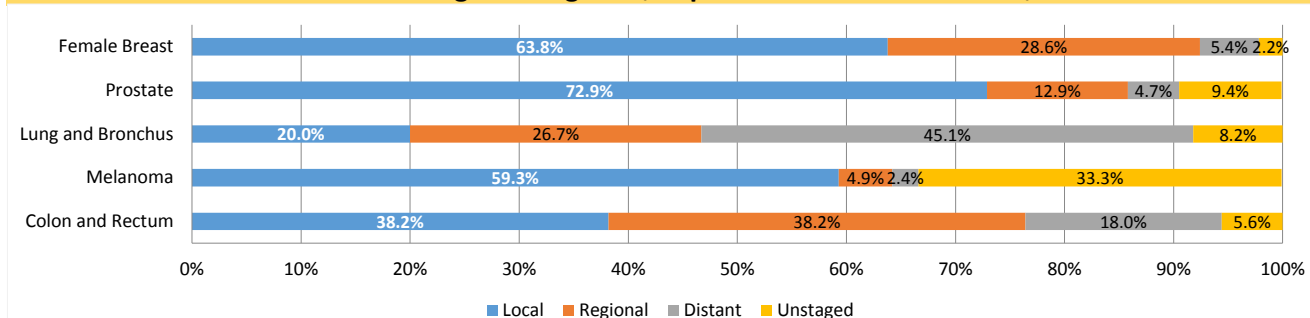
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

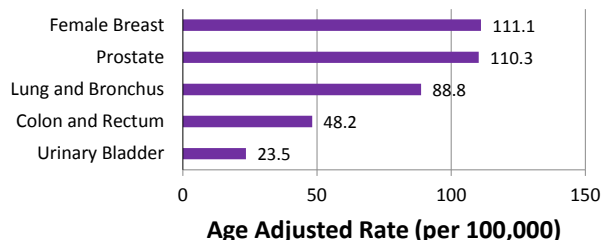
In 2015, the number of incidence and mortality cases in Somerset County were:

**Incidence:** 148 new cases of all cancer cases

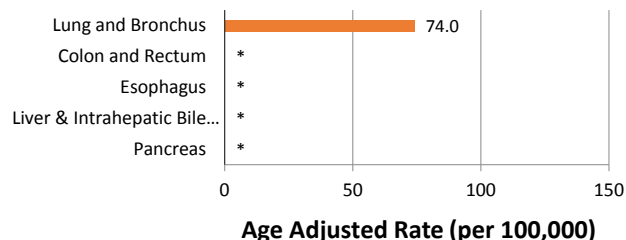
**Mortality:** 52 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

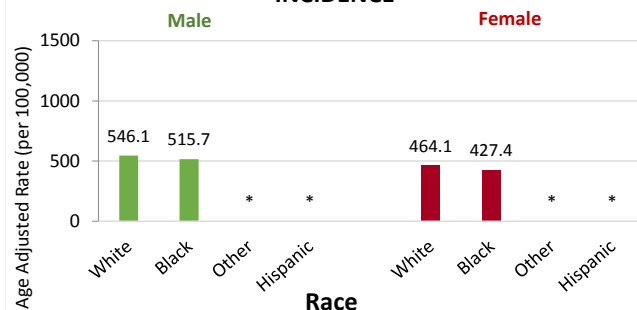


#### MORTALITY

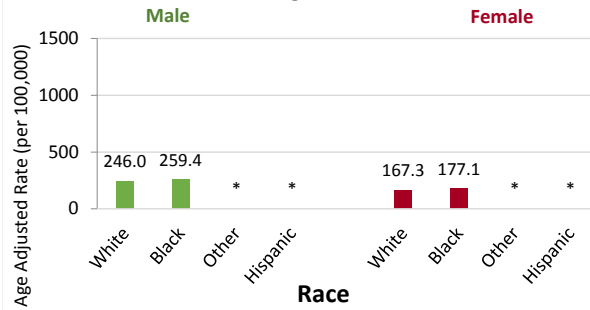


### Incidence and Mortality Rates by Race and Gender, 2011-2015

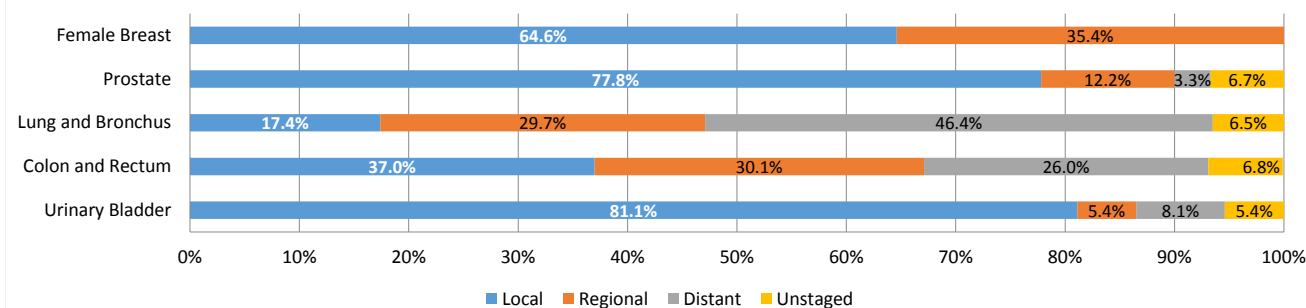
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# St. Mary's County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

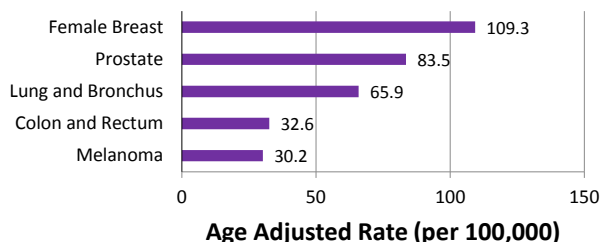
In 2015, the number of incidence and mortality cases in St. Mary's County were:

**Incidence:** 517 new cases of all cancer cases

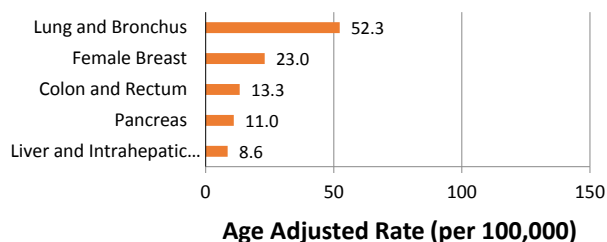
**Mortality:** 194 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

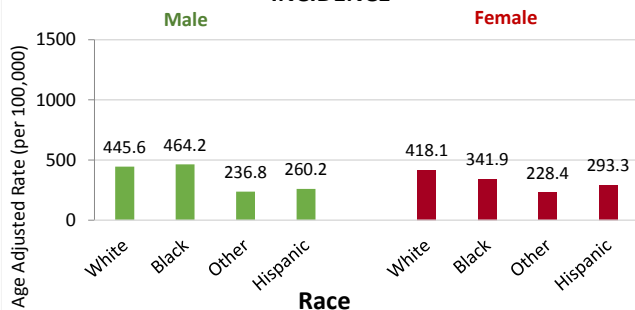


#### MORTALITY

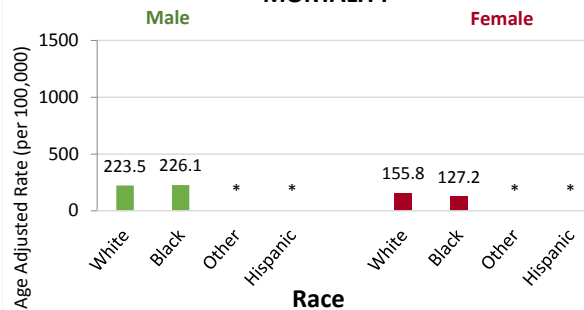


### Incidence and Mortality Rates by Race and Gender, 2011-2015

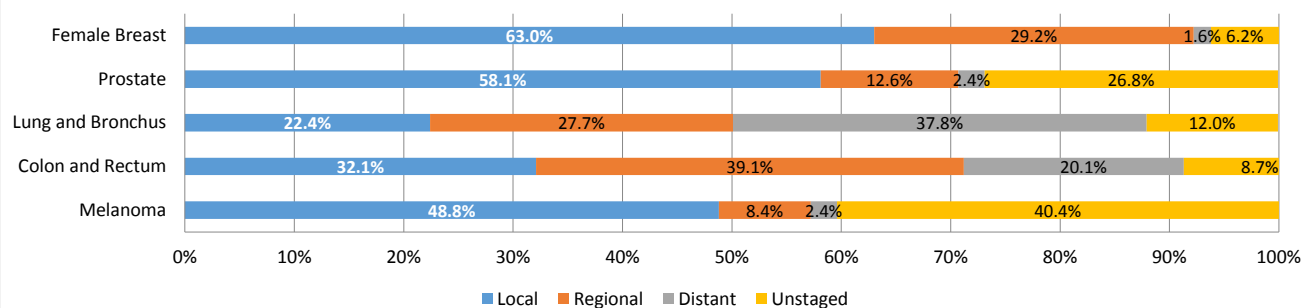
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Talbot County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

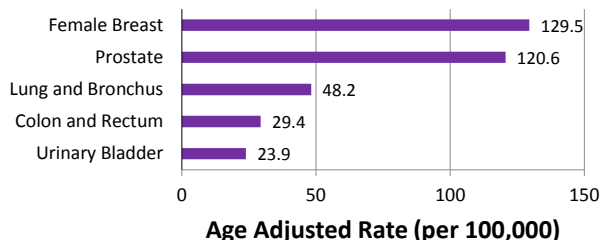
In 2015, the number of incidence and mortality cases in Talbot County were:

**Incidence:** 292 new cases of all cancer cases

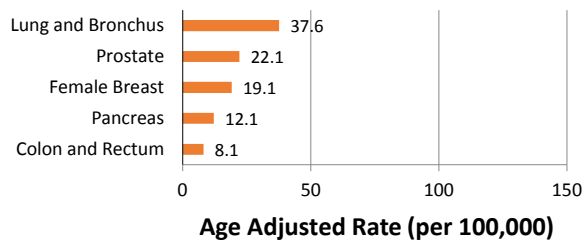
**Mortality:** 85 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

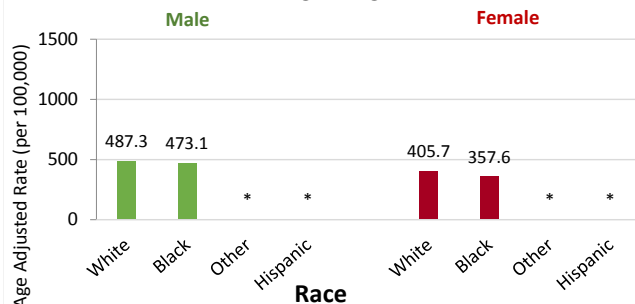


#### MORTALITY

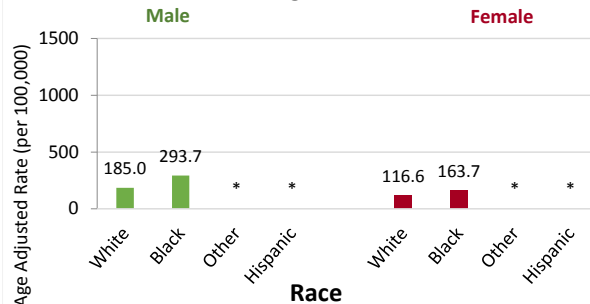


### Incidence and Mortality Rates by Race and Gender, 2011-2015

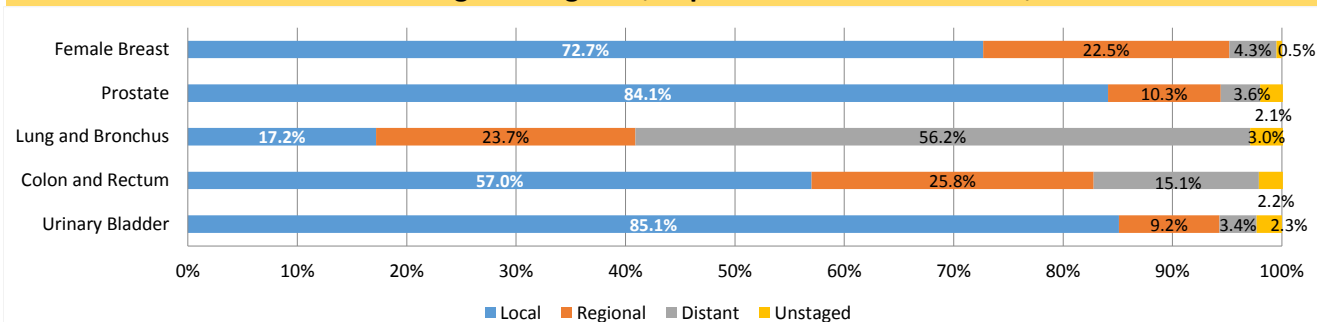
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Washington County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

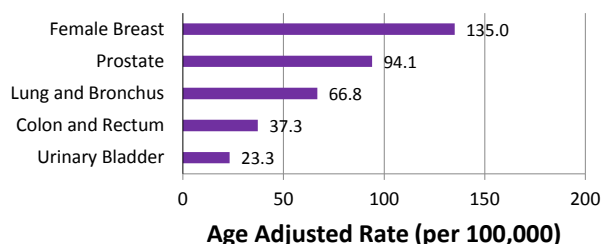
In 2015, the number of incidence and mortality cases in Washington County were:

**Incidence:** 822 new cases of all cancer cases

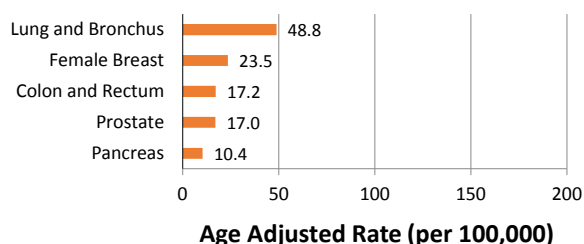
**Mortality:** 297 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

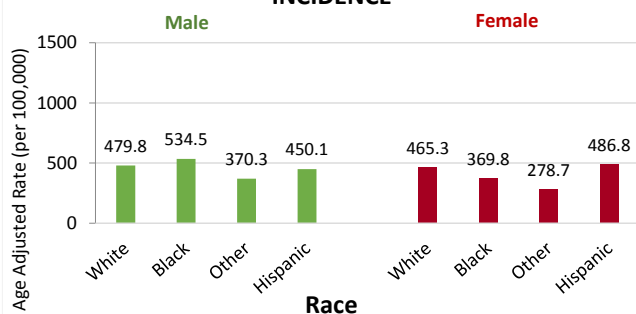


#### MORTALITY

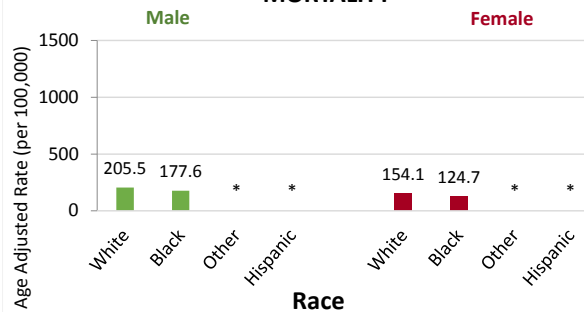


### Incidence and Mortality Rates by Race and Gender, 2011-2015

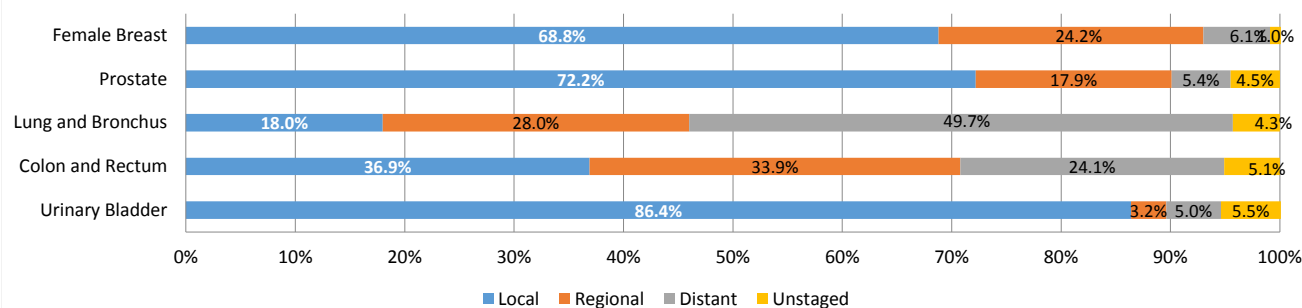
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

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Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Wicomico County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

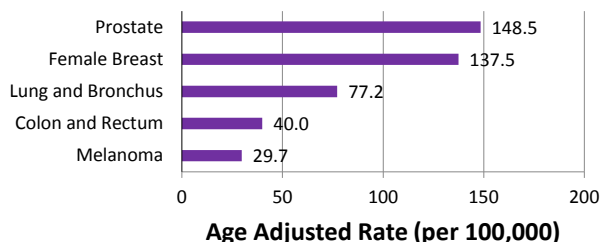
In 2015, the number of incidence and mortality cases in Wicomico County were:

**Incidence:** 635 new cases of all cancer cases

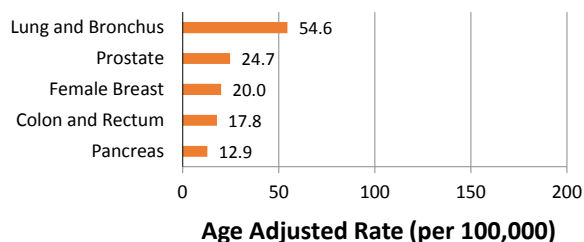
**Mortality:** 220 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

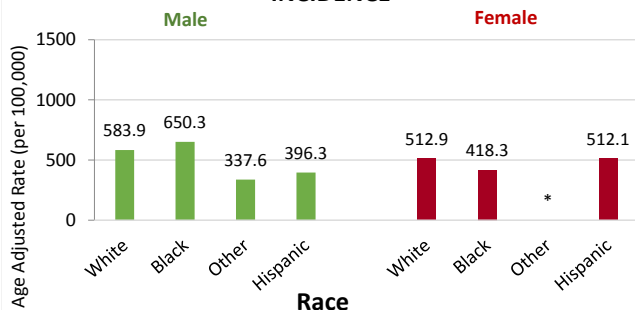


#### MORTALITY

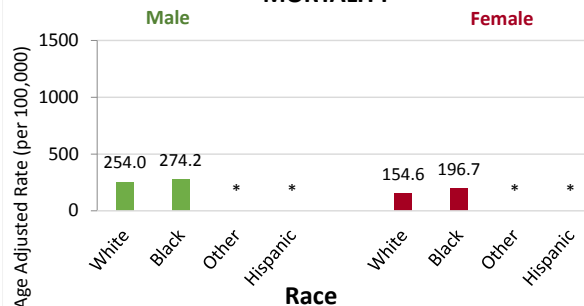


### Incidence and Mortality Rates by Race and Gender, 2011-2015

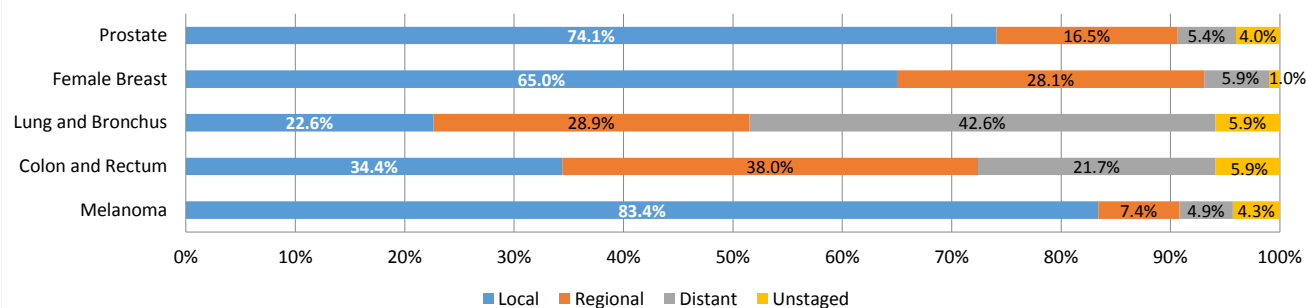
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

\* Suppressed rates:

Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

# Worcester County



## 2015 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 31,001 Maryland residents were diagnosed with cancer in 2015. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

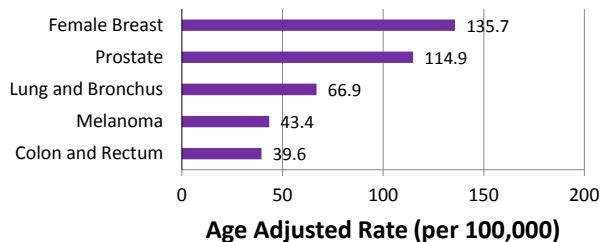
In 2015, the number of incidence and mortality cases in Worcester County were:

**Incidence:** 453 new cases of all cancer cases

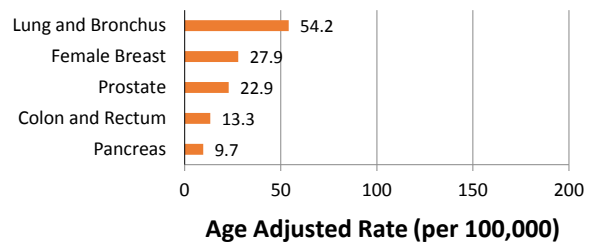
**Mortality:** 174 deaths from cancer

### Top 5 Incidence and Morality Cancer Rates, 2011-2015

#### INCIDENCE

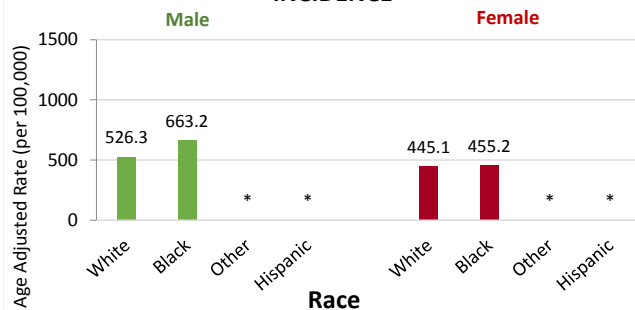


#### MORTALITY

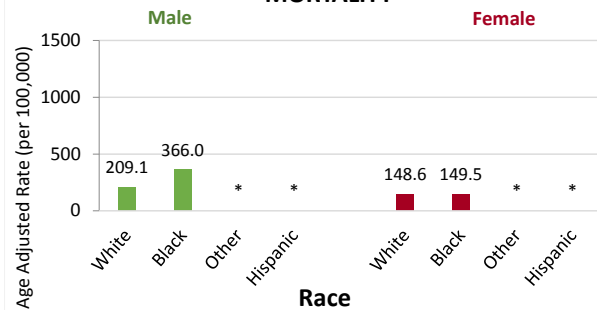


### Incidence and Mortality Rates by Race and Gender, 2011-2015

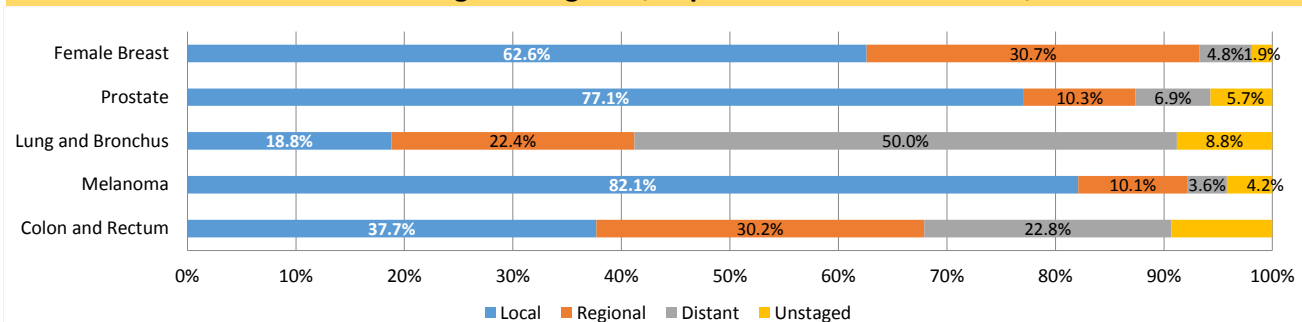
#### INCIDENCE



#### MORTALITY



### Distribution of Cancer Stage at Diagnosis, Top 5 Incidence Cancer Rates, 2011-2015\*\*



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

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Mortality Rates based on death counts of 0-19 are suppressed per MDH / CCPC Mortality Data Suppression Policy

Other = Asian or Pacific Islander, American Indian, Alaskan Native

\*\*Percentages for cancer staging may not total 100% due to rounding

## **APPENDIX A**

### **2000 U.S. STANDARD POPULATION**



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## 2000 U.S. STANDARD POPULATION

(CENSUS P25-1130)

Age Group	2000 Population
Less than 00 age	3,794,901
01-04 years	15,191,619
05-09 years	19,919,840
10-14 years	20,056,779
15-19 years	19,819,518
20-24 years	18,257,225
25-29 years	17,722,067
30-34 years	19,511,370
35-39 years	22,179,956
40-44 years	22,479,229
45-49 years	19,805,793
50-54 years	17,224,359
55-59 years	13,307,234
60-64 years	10,654,272
65-69 years	9,409,940
70-74 years	8,725,574
75-79 years	7,414,559
80-84 years	4,900,234
85+ years	44,259,17
Total	274,633,642

Source: National Cancer Institute- SEER 2000

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## **APPENDIX B**

## **GLOSSARY**

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## GLOSSARY

- **Age-adjustment:** Age is the most important risk factor for the incidence of most cancers. However, cancer rates derived from populations that differ in underlying age structure are not comparable. Age-adjustment is a statistical technique that allows for the comparison of rates among populations with different age distributions, by weighting the age-specific rates in each population to one standard population. Additional information on age-adjustment can be found on the following web sites:

<http://seer.cancer.gov/seerstat/tutorials/aarates/definition.html>

<http://www.cdc.gov/nchs/data/statnt/statnt20.pdf>

- **Ascertainment:** Refers to the quality assurance procedures that Maryland Cancer Registry staff use to ensure completeness of cancer cases in the Registry database. These activities include: a review of disease indices from all reporting hospitals to identify possible missed cases; an evaluation of random samples of records from reporting facilities; and a review of death certificate data to identify cancer cases not previously reported.
- **Cancer:** A disease characterized by the uncontrolled, abnormal growth of cells in different parts of the body that can spread to other parts of the body.
- **Confidence interval (CI):** The range of values for a calculated estimate that will include the true value a given percentage of the time. A 95% CI for a rate includes the true rate 95% of the time.
- **Incidence:** The number of new cases of a given cancer or other event during a defined time period, usually one year. For the purposes of this report, cancer incidence refers to the number of new cases diagnosed during the individual calendar year 2012. Cancer incidence data are also presented in aggregated form, as the average annual incidence for the 5-year period from 2008 through 2012.
- **International Classification of Diseases (ICD):** The ICD is the international standard diagnostic classification for all general epidemiological, health management, and clinical use. It is used to classify diseases and other health problems recorded on many types of health and vital records, including death certificates and health records.
- **International Classification of Diseases for Oncology (ICD-O):** The ICD-O is the classification system used by tumor or cancer registries to code the site and the histology of the cancer, usually from a pathology report.

- **Invasive cancer:** Cancer that has spread beyond the layer of cells where it first began and has grown into nearby tissues. It may still be considered local stage if it has not spread to other parts of the body. Stage data presented in this report involve a diagnosis of invasive cancer: local, regional, or distant. A diagnosis of *in situ* is non-invasive and is not included in the staging data, except for *in situ* bladder cancer for all sites cancer data.
- **Mortality:** The number of deaths during a defined time period, usually one year. For the purposes of this report, cancer mortality refers to the number of new cancer deaths during the individual calendar year 2012. Cancer mortality data are also presented in an aggregated form, as the average annual mortality for the 5-year period from 2008 through 2012.
- **Rate:** An estimate of the burden of a given disease on a defined population at risk over a specified period of time. A crude rate is calculated by dividing the number of cases or deaths (events) by the population at risk during a given time period. Cancer incidence and mortality rates are usually presented per 100,000 population during a given time period. An incidence rate is the number of new cases during a specific period (usually one year) divided by the population at risk per 100,000 population. A mortality rate is the number of deaths for a given period divided by the population at risk per 100,000 population. All rates presented in this report are age-adjusted to the 2000 U.S. standard population.
- **Stage at diagnosis:** Cancer stage is the extent to which the cancer has spread from the organ of origin at the time of diagnosis. The stage information used in this report is based on the SEER Summary Stage Guidelines:
  1. ***In situ*:** The cancerous cells have not invaded the tissue basement membrane and no stromal invasion. *In situ* cancers are not considered malignant (with the exception of bladder cancers) and are not included in incidence rate calculations.
  2. **Local:** The tumor is confined to the organ of origin.
  3. **Regional:** The tumor has spread to adjacent organs or tissue. Regional lymph nodes may also be involved.
  4. **Distant:** The tumor has spread beyond the adjacent organs or tissues. Distant lymph nodes, organs, and/or tissues may also be involved.
  5. **Unstaged:** The stage of disease at diagnosis could not be classified (often due to insufficient information) or was not reported to the cancer registry.

For comments or questions about this report, contact:

Maryland Cancer Registry  
Center for Cancer Prevention and Control  
Maryland Department of Health  
201 W. Preston Street  
Baltimore, Maryland 21201  
Telephone: 410-767-4055  
Fax: 410-333-5218



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*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 MDH services, programs, benefits, and employment opportunities.*