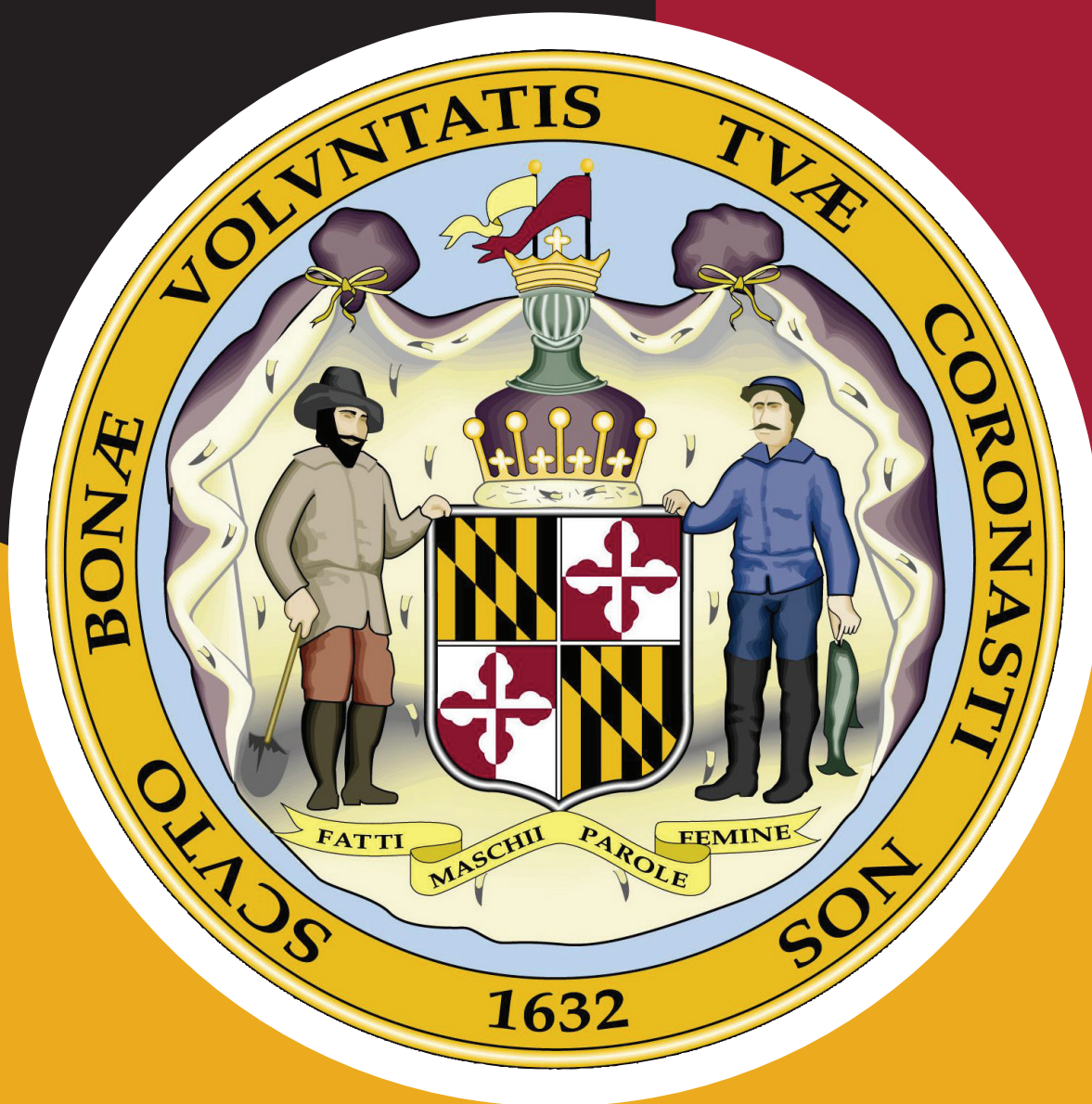


Maryland Department of Health

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*Governor*

Boyd Rutherford  
*Lt. Governor*

Dennis R. Schrader  
*Secretary,  
Maryland Department of Health*



# Cancer in Maryland: 2018 Incidence and Mortality Report

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# **Cancer in Maryland: 2018 Incidence and Mortality Report**

The seal of the State of Maryland is a circular emblem. It features a central shield with a red cross on a white field and a yellow and black checkered field. Above the shield is a crown. On either side of the shield are two figures: a Native American on the left holding a bow and arrow, and a European on the right holding a sword. The shield is surrounded by a blue border with the Latin motto "SCVTO VOLVNTATIS TVÆ CORONASTI NOS" in yellow. At the bottom of the seal is the year "1632".

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

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**Maryland Cancer Registry (MCR) Staff**

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- The registries of the states of Alabama, Alaska, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Louisiana, Massachusetts, Michigan, Mississippi, Montana, Nebraska, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin and the District of Columbia who provide cancer cases of Maryland residents diagnosed and/or treated in their facilities.
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# TABLE OF CONTENTS

<b>I.</b>	<b>Data Highlights</b>	
	A. Incidence .....	7
	B. Mortality .....	7
<b>II.</b>	<b>Introduction</b>	
	A. Maryland Cancer Registry (MCR).....	8
	B. MCR Operations .....	9
	C. Organization of this Report.....	9
<b>III.</b>	<b>Data Collection and Management</b>	
	A. Reporting Facilities .....	9
	B. Cancer Case Reporting and Definition .....	9
	C. Registry Certification.....	12
	D. Quality Control/Quality Assurance (QC/QA) .....	12
	E. Data Confidentiality .....	12
<b>IV.</b>	<b>Data Charts</b>	
	<b>Maryland Cancer Incidence Cases by Selected Site, Race/Ethnicity and Sex</b>	
	.....	14
	<b>Table I1:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Race/Ethnicity.....	16
	<b>Table I2:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Race/Ethnicity for Males .....	18
	<b>Table I3:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Incidence Rates, and 95% Confidence Intervals by Race/Ethnicity for Females .....	20
	<b>Maryland Cancer Mortality Cases by Selected Site, Race/Ethnicity and Sex</b>	
	.....	22
	<b>Table M1:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Race/Ethnicity.....	23
	<b>Table M2:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Race/Ethnicity for Males .....	25

<b>Table M3: Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Intervals by Race/Ethnicity for Females.....</b>	<b>27</b>
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<b>V. 2018 Maryland Incidence and Mortality Selected Cancer Rates (Maryland and by County).....</b>	<b>29</b>
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<i>Maryland Incidence and Mortality Cancer Fact Sheet .....</i>	<i>31</i>
<i>Allegany County.....</i>	<i>33</i>
<i>Anne Arundel County.....</i>	<i>35</i>
<i>Baltimore City.....</i>	<i>37</i>
<i>Baltimore County.....</i>	<i>39</i>
<i>Calvert County.....</i>	<i>41</i>
<i>Caroline County.....</i>	<i>43</i>
<i>Carroll County.....</i>	<i>45</i>
<i>Cecil County.....</i>	<i>47</i>
<i>Charles County .....</i>	<i>49</i>
<i>Dorchester County.....</i>	<i>51</i>
<i>Frederick County .....</i>	<i>53</i>
<i>Garrett County.....</i>	<i>55</i>
<i>Harford County.....</i>	<i>57</i>
<i>Howard County.....</i>	<i>59</i>
<i>Kent County .....</i>	<i>61</i>
<i>Montgomery County.....</i>	<i>63</i>
<i>Prince George’s County .....</i>	<i>65</i>
<i>Queen Anne’s County .....</i>	<i>67</i>
<i>St. Mary’s County .....</i>	<i>69</i>
<i>Somerset County .....</i>	<i>71</i>
<i>Talbot County.....</i>	<i>73</i>
<i>Washington County.....</i>	<i>75</i>
<i>Wicomico County.....</i>	<i>77</i>
<i>Worcester County.....</i>	<i>79</i>

<b>VI. Appendices</b>	
A. Year 2000 US Standard Population.....	82
B. Glossary.....	86

## I. DATA HIGHLIGHTS

Data presented in this report include cancers reported for the year 2018 and are presented as age-adjusted rates and number of cancer cases and deaths by sex and race.

### A. Incidence

- A total of 32,569 new cases of invasive cancer were diagnosed among Maryland residents in 2018.
- Most frequently diagnosed cancer by sex:
  - *Males:* **Prostate cancer** was the most frequently diagnosed cancer among Maryland men with a total of 4,849 new cases reported in 2018.
  - *Females:* **Breast cancer** was the most frequently diagnosed cancer among Maryland women with a total of 4,967 new cases reported in 2018.

### B. Mortality

- 10,927 Maryland residents died as a result of any type of cancer in 2018, 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 2,468 **lung and bronchus** cancer deaths in 2018. When observed separately by sex, **lung and bronchus** cancer was the leading cause of cancer 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 32,569 Maryland residents were diagnosed with cancer in 2018. 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 2018, approximately 609,640 Americans died of cancer (more than 1,670 people a day), and in Maryland, 10,927 people died from cancer.<sup>1</sup>

### 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 2018. 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, 2018, the MCR signed the National Interstate Data Exchange Agreement through NAACCR. This agreement allows the MCR to conduct interstate data exchanges with registries that have also signed the agreement. As of July 2021, there are **48** state and territorial 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,

<sup>1</sup> Cancer Facts & Figures 2018 (American Cancer Society)



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, currently Myriddian, LLC, which collects and processes all cancer reports, and performs data quality assurance and database management.

## **C. Organization of This Report**

This report provides 2018 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, sex, and race for Maryland and its counties. The *2018 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 **43** Maryland hospitals, **10** radiation treatment centers, **28** laboratories, **52** ambulatory surgery centers, **52** 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, 2018 and December 31, 2018. (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, and 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 2018 are included in the analysis.

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

ICD-O-3 Codes Used to Derive Incidence Data			ICD-10 Codes Used to Derive Mortality Data
Site	Incidence Topography (Site)	Incidence Histology	CDC WONDER Site Selections
All sites	C00.0-C80.9	Includes all invasive cancers of all sites except 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

Site	Incidence Topography (Site)	Incidence Histology	CDC WONDER Site Selections
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-C88.3, C88.7, C88.9, C90.0-C90.2
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 2018, MCR's incidence data received NAACCR gold certification for all measures, indicating that data submitted were at least 95% complete. MCR's 2014-2018 incidence data also met NPCR 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**

In accordance with the MCR Data Use Manual and Procedures, this report presents data in aggregate. The data charts present 2018 cancer incidence and mortality by cancer type, sex, and race for the State of Maryland. Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population. Rates for sex-specific cancers (e.g., cervical, female breast, and prostate cancer) are based only on the population of that sex (e.g., per 100,000 females or per 100,000 males). The County Data Pages contain 2018 counts of incidence and mortality for all cancer sites, 2014-2018 incidence and mortality rates for the top five cancers, the top five cancer incidence and mortality rates by sex and race, and the distribution of the stage at diagnosis for the top five cancers (2014-2018). 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.

Prior to diagnosis year 2018, the NAACCR Hispanic Identification Algorithm (NHIA) was run on all data. For diagnosis year 2018, NHIA was only applied to data in local

jurisdictions where at least 5% of the population was Hispanic/Latino ethnicity. Additionally, mortality data for 2017 and 2018 were obtained from the National Center for Health Statistics (NCHS) Underlying Cause of Death file in CDC WONDER, as opposed to the NCHS Compressed Mortality File in CDC WONDER used in previous years. The NCHS CMF was discontinued in CDC WONDER after 2016.

2018

Maryland Cancer Incidence Cases by Selected Site,  
Race/Ethnicity and Sex

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Table I1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity

	Both Sexs*** 2018											
	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	32,569	445.9	441.0	450.9	21,806	454.6	448.4	460.9	9,029	441.9	432.5	451.4
Brain and Other Central Nervous System	373	5.5	5.0	6.2	283	6.6	5.8	7.5	64	3.1	2.4	4.0
Cervix	215	6.4	5.6	7.4	118	6.0	4.9	7.3	81	7.5	6.0	9.4
Colon and Rectum	2,597	36.4	35.0	37.9	1,635	35.0	33.2	36.8	801	40.8	38.0	43.9
Esophagus	337	4.5	4.0	5.0	270	5.4	4.7	6.1	56	2.7	2.0	3.5
Female Breast (Malignant Only)	4,967	129.9	126.2	133.7	3,179	132.3	127.5	137.2	1,472	126.5	120.0	133.4
Hodgkin Lymphoma	147	2.4	2.0	2.8	83	2.2	1.7	2.8	53	2.6	2.0	3.5
Kidney and Renal Pelvis	1,150	15.8	14.8	16.7	729	15.6	14.4	16.8	374	18.0	16.1	19.9
Larynx	231	3.0	2.6	3.5	151	3.0	2.5	3.6	74	3.7	2.8	4.6
Leukemia	854	12.2	11.4	13.1	608	13.1	12.1	14.3	181	9.1	7.8	10.6
Liver and Intrahepatic Bile Duct	678	8.8	8.2	9.6	384	7.7	6.9	8.6	234	10.7	9.4	12.2
Lung and Bronchus	3,807	50.6	49.0	52.3	2,691	53.1	51.1	55.2	984	49.6	46.5	53.0
Melanoma	1,696	23.7	22.5	24.9	1,646	35.2	33.5	37.1	15	**	**	**
Multiple Myeloma	563	7.7	7.0	8.4	286	5.7	5.1	6.5	246	12.7	11.1	14.4
Myelodysplastic Syndrome	259	3.7	3.3	4.2	192	4.0	3.4	4.6	53	3.0	2.2	3.9
Non-Hodgkin Lymphoma	1,263	17.7	16.7	18.7	907	18.9	17.7	20.2	274	14.0	12.4	15.9
Oral Cavity and Pharynx	857	11.3	10.6	12.2	644	13.0	12.0	14.1	166	7.8	6.6	9.1
Ovary	372	9.3	8.4	10.4	260	10.3	9.1	11.7	95	8.0	6.5	9.9
Pancreas	1,014	13.7	12.8	14.6	635	12.8	11.8	13.9	332	16.6	14.8	18.6
Prostate	4,849	135.3	131.4	139.2	2,874	117.4	113.1	121.9	1,776	191.0	181.8	200.6
Stomach	532	7.3	6.7	7.9	282	5.8	5.1	6.6	199	10.2	8.8	11.8
Testis	141	4.9	4.2	5.8	112	6.6	5.5	8.0	14	**	**	**
Thyroid	846	13.1	12.2	14.0	581	14.5	13.3	15.8	154	7.9	6.7	9.3
Urinary Bladder	1,120	15.5	14.6	16.4	868	17.6	16.4	18.9	212	11.3	9.8	13.0
Uterus	1,177	28.5	26.8	30.2	742	28.2	26.1	30.4	358	28.5	25.6	31.7

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry



Table I1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity

	Both Sexs*** 2018							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,314	267.4	252.9	282.6	986	252.6	235.3	270.7
Brain and Other Central Nervous System	17	3.7	2.2	6.0	30	6.1	3.9	9.1
Cervix	11	**	**	**	13	**	**	**
Colon and Rectum	129	26.7	22.2	31.8	87	21.6	16.8	27.1
Esophagus	10	**	**	**	<6	**	**	**
Female Breast (Malignant Only)	255	92.2	81.1	104.4	155	73.2	61.4	86.5
Hodgkin Lymphoma	8	**	**	**	10	**	**	**
Kidney and Renal Pelvis	32	6.4	4.3	9.1	35	8.5	5.7	12.2
Larynx	6	**	**	**	<6	**	**	**
Leukemia	38	8.2	5.8	11.4	43	8.2	5.5	11.6
Liver and Intrahepatic Bile Duct	51	10.4	7.7	13.8	32	10.7	7.1	15.4
Lung and Bronchus	127	27.0	22.5	32.3	45	14.1	10.0	19.2
Melanoma	9	**	**	**	15	**	**	**
Multiple Myeloma	22	4.3	2.7	6.6	17	4.4	2.4	7.2
Myelodysplastic Syndrome	11	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	56	10.8	8.2	14.2	47	11.7	8.3	16.1
Oral Cavity and Pharynx	37	7.2	5.1	10.1	20	4.2	2.4	6.7
Ovary	14	**	**	**	22	11.6	7.0	17.9
Pancreas	44	9.3	6.7	12.5	30	9.7	6.3	14.0
Prostate	119	53.2	43.9	63.9	111	70.5	56.6	86.5
Stomach	40	8.3	5.9	11.3	26	7.1	4.4	10.8
Testis	<6	**	**	**	17	4.9	2.9	8.4
Thyroid	92	17.9	14.4	22.0	67	13.8	10.4	17.9
Urinary Bladder	31	6.9	4.6	9.8	15	**	**	**
Uterus	64	22.7	17.4	29.2	40	17.7	12.4	24.3

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry

Table I2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity for Males

	Male 2018											
	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	16,325	488.1	480.4	495.8	11,060	486.8	477.5	496.2	4,480	518.0	502.1	534.3
Brain and Other Central Nervous System	200	6.4	5.6	7.4	155	7.6	6.4	9.0	34	4.0	2.7	5.7
Colon and Rectum	1,327	41.1	38.9	43.5	842	38.6	35.9	41.3	406	50.0	45.0	55.5
Esophagus	260	7.7	6.8	8.7	216	9.3	8.1	10.6	37	4.2	2.9	5.9
Hodgkin Lymphoma	67	2.2	1.7	2.8	35	1.9	1.3	2.7	26	2.7	1.8	4.1
Kidney and Renal Pelvis	677	20.2	18.7	21.8	452	20.4	18.5	22.4	195	21.8	18.7	25.3
Larynx	182	5.4	4.6	6.2	120	5.2	4.3	6.2	56	7.1	5.3	9.4
Leukemia	512	16.3	14.8	17.8	372	17.4	15.6	19.3	99	11.2	9.0	13.7
Liver and Intrahepatic Bile Duct	458	12.9	11.8	14.2	254	10.8	9.5	12.2	162	17.2	14.6	20.2
Lung and Bronchus	1,839	55.6	53.0	58.2	1,274	55.4	52.4	58.7	495	62.6	56.9	68.7
Melanoma	1,001	30.9	29.0	32.9	973	43.7	40.9	46.6	8	**	**	**
Multiple Myeloma	299	9.2	8.2	10.3	165	7.3	6.2	8.6	118	15.4	12.6	18.6
Myelodysplastic Syndrome	154	5.3	4.5	6.2	121	5.8	4.8	7.0	27	3.9	2.5	5.8
Non-Hodgkin Lymphoma	680	21.3	19.7	23.0	496	22.6	20.6	24.8	143	17.3	14.4	20.6
Oral Cavity and Pharynx	600	17.2	15.8	18.7	459	19.6	17.8	21.5	107	11.6	9.4	14.1
Pancreas	520	15.7	14.3	17.1	356	15.7	14.1	17.5	143	17.3	14.4	20.6
Prostate	4,849	135.3	131.4	139.2	2,874	117.4	113.1	121.9	1,776	191.0	181.8	200.6
Stomach	307	9.3	8.2	10.4	181	7.9	6.8	9.2	96	12.0	9.6	14.9
Testis	141	4.9	4.2	5.8	112	6.6	5.5	8.0	14	**	**	**
Thyroid	199	6.1	5.3	7.1	147	7.0	5.9	8.3	31	3.4	2.3	4.9
Urinary Bladder	829	26.6	24.8	28.5	659	30.2	27.9	32.6	142	18.9	15.7	22.4

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry

Table I2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity for Males

	Male 2018							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	580	264.5	243.0	287.5	416	233.8	208.3	261.4
Brain and Other Central Nervous System	8	**	**	**	14	**	**	**
Colon and Rectum	68	30.6	23.7	39.0	34	17.8	11.4	26.1
Esophagus	6	**	**	**	<6	**	**	**
Hodgkin Lymphoma	<6	**	**	**	<6	**	**	**
Kidney and Renal Pelvis	19	8.4	5.0	13.3	19	10.1	5.7	16.4
Larynx	6	**	**	**	<6	**	**	**
Leukemia	23	11.5	7.2	17.3	27	11.3	6.5	18.1
Liver and Intrahepatic Bile Duct	37	16.1	11.3	22.4	17	13.8	7.6	22.6
Lung and Bronchus	68	31.6	24.4	40.3	26	17.7	10.9	26.8
Melanoma	7	**	**	**	<6	**	**	**
Multiple Myeloma	12	**	**	**	9	**	**	**
Myelodysplastic Syndrome	6	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	28	11.6	7.7	17.0	25	12.4	7.4	19.5
Oral Cavity and Pharynx	28	12.2	8.0	17.7	13	**	**	**
Pancreas	20	9.1	5.4	14.1	14	**	**	**
Prostate	119	53.2	43.9	63.9	111	70.5	56.6	86.5
Stomach	27	12.9	8.4	18.9	14	**	**	**
Testis	<6	**	**	**	17	4.9	2.9	8.4
Thyroid	17	7.4	4.3	11.9	10	**	**	**
Urinary Bladder	21	10.3	6.3	15.9	10	**	**	**

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry

Table I3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity for Females

	Female 2018											
	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	16,241	417.6	411.0	424.3	10,744	434.3	425.8	443.0	4,548	393.5	381.8	405.4
Brain and Other Central Nervous System	173	4.9	4.1	5.7	128	5.7	4.7	6.9	30	2.6	1.7	3.7
Cervix	215	6.4	5.6	7.4	118	6.0	4.9	7.3	81	7.5	6.0	9.4
Colon and Rectum	1,270	32.8	31.0	34.7	793	32.0	29.8	34.5	395	35.0	31.5	38.7
Esophagus	77	1.9	1.5	2.4	54	2.0	1.5	2.7	19	1.6	1.0	2.6
Female Breast (Malignant Only)	4,967	129.9	126.2	133.7	3,179	132.3	127.5	137.2	1,472	126.5	120.0	133.4
Hodgkin Lymphoma	80	2.5	2.0	3.1	48	2.5	1.8	3.4	27	2.6	1.7	3.8
Kidney and Renal Pelvis	473	12.0	10.9	13.2	277	11.3	9.9	12.8	179	15.1	12.9	17.6
Larynx	49	1.2	0.9	1.6	31	1.2	0.8	1.7	18	1.4	0.8	2.3
Leukemia	342	9.1	8.1	10.1	236	9.6	8.4	11.0	82	7.5	6.0	9.4
Liver and Intrahepatic Bile Duct	220	5.3	4.6	6.1	130	5.0	4.1	5.9	72	5.9	4.6	7.5
Lung and Bronchus	1,967	47.0	44.9	49.1	1,416	51.5	48.8	54.3	489	41.6	37.9	45.5
Melanoma	695	18.7	17.3	20.2	673	29.4	27.1	31.8	7	**	**	**
Multiple Myeloma	264	6.5	5.7	7.3	121	4.3	3.6	5.2	128	11.1	9.2	13.3
Myelodysplastic Syndrome	105	2.5	2.1	3.1	71	2.5	1.9	3.2	26	2.4	1.5	3.5
Non-Hodgkin Lymphoma	582	14.8	13.6	16.1	411	15.9	14.4	17.6	130	11.7	9.7	13.9
Oral Cavity and Pharynx	257	6.4	5.6	7.3	185	6.9	6.0	8.1	59	5.1	3.8	6.6
Ovary	372	9.3	8.4	10.4	260	10.3	9.1	11.7	95	8.0	6.5	9.9
Pancreas	494	12.0	11.0	13.2	279	10.3	9.1	11.6	189	16.3	14.0	18.8
Stomach	225	5.8	5.0	6.6	101	4.1	3.3	5.0	103	9.1	7.4	11.1
Thyroid	646	19.5	18.0	21.2	433	22.0	19.8	24.2	123	11.8	9.8	14.1
Urinary Bladder	291	7.1	6.3	8.0	209	7.6	6.6	8.8	70	6.3	4.9	8.0
Uterus	1,177	28.5	26.8	30.2	742	28.2	26.1	30.4	358	28.5	25.6	31.7

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry

Table I3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Incidence Rates and 95% Confidence Intervals, By Race/Ethnicity for Females

	Female 2018							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	734	272.4	252.8	293.1	570	274.6	250.9	299.8
Brain and Other Central Nervous System	9	**	**	**	16	7.3	3.9	12.2
Cervix	11	**	**	**	13	**	**	**
Colon and Rectum	61	23.0	17.5	29.7	53	25.1	18.4	33.3
Esophagus	<6	**	**	**	<6	**	**	**
Female Breast (Malignant Only)	255	92.2	81.1	104.4	155	73.2	61.4	86.5
Hodgkin Lymphoma	<6	**	**	**	8	**	**	**
Kidney and Renal Pelvis	13	**	**	**	16	7.3	4.0	12.1
Larynx	0	0.0	0.0	0.0	<6	**	**	**
Leukemia	15	**	**	**	16	5.5	2.9	9.5
Liver and Intrahepatic Bile Duct	14	**	**	**	15	**	**	**
Lung and Bronchus	59	22.9	17.4	29.7	19	11.4	6.6	18.0
Melanoma	<6	**	**	**	10	**	**	**
Multiple Myeloma	10	**	**	**	8	**	**	**
Myelodysplastic Syndrome	<6	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	28	10.3	6.8	14.9	22	11.0	6.6	17.0
Oral Cavity and Pharynx	9	**	**	**	7	**	**	**
Ovary	14	**	**	**	22	11.6	7.0	17.9
Pancreas	24	9.4	6.0	14.1	16	9.8	5.4	16.0
Stomach	13	**	**	**	12	**	**	**
Thyroid	75	27.2	21.4	34.2	57	24.1	17.9	31.6
Urinary Bladder	10	**	**	**	<6	**	**	**
Uterus	64	22.7	17.4	29.2	40	17.7	12.4	24.3

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

\*\*\*Both Sexs 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 March 03, 2021 Maryland Cancer Registry

2018

Maryland Cancer Mortality Cases by Selected Site,  
Race/Ethnicity, and Sex

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Table M1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Race/Ethnicity

	Both Sexs 2018											
	*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	10,927	149.9	147.0	152.7	7,263	147.3	143.8	150.8	3,282	170.4	164.4	176.4
Brain and Other Central Nervous System	287	4.1	3.6	4.6	221	4.8	4.1	5.5	53	2.7	2.0	3.6
Cervix	81	2.2	1.7	2.7	41	1.9	1.3	2.6	s	3.0	2.1	4.2
Colon and Rectum	982	13.6	12.7	14.5	617	12.7	11.7	13.8	327	17.3	15.4	19.3
Esophagus	258	3.5	3.0	3.9	199	3.9	3.4	4.5	s	2.6	1.9	3.5
Female Breast (Malignant Only)	838	21.2	19.7	22.7	499	19.1	17.4	20.9	311	27.7	24.6	30.8
Hodgkin Lymphoma	23	0.3	0.2	0.5	14	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	238	3.3	2.8	3.7	167	3.4	2.9	3.9	s	3.7	2.8	4.7
Larynx	66	0.8	0.7	1.1	44	0.9	0.6	1.1	22	1.0	0.6	1.6
Leukemia	413	5.7	5.2	6.3	296	6.0	5.3	6.7	97	5.0	4.0	6.1
Liver and Intrahepatic Bile Duct	487	6.4	5.8	7.0	274	5.4	4.8	6.1	188	8.8	7.5	10.1
Lung and Bronchus	2,468	33.4	32.0	34.7	1,705	34.1	32.5	35.8	686	35.4	32.7	38.1
Melanoma	125	1.8	1.5	2.1	117	2.5	2.0	2.9	<10	**	**	**
Multiple Myeloma	280	3.8	3.4	4.3	149	3.0	2.5	3.5	120	6.2	5.1	7.4
Non-Hodgkin Lymphoma	343	4.8	4.3	5.4	259	5.2	4.5	5.8	74	4.0	3.1	5.0
Oral Cavity and Pharynx	185	2.4	2.1	2.8	137	2.7	2.3	3.2	s	2.0	1.4	2.7
Ovary	252	6.2	5.4	7.0	183	7.1	6.0	8.1	58	4.8	3.6	6.3
Pancreas	844	11.4	10.7	12.2	548	11.1	10.1	12.0	266	13.5	11.8	15.2
Prostate	559	19.1	17.5	20.7	337	16.1	14.3	17.8	210	32.3	27.8	36.9
Stomach	231	3.2	2.8	3.6	112	2.4	1.9	2.8	101	5.5	4.4	6.6
Urinary Bladder	306	4.2	3.7	4.7	243	4.8	4.2	5.4	s	3.3	2.5	4.3
Uterus	278	6.7	5.9	7.5	146	5.4	4.5	6.3	119	9.9	8.1	11.7

\*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 April 29, 2021

Table M1: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Race/Ethnicity

	Both Sexs 2018							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	382	82.9	74.4	91.4	260	81.2	70.3	92.1
Brain and Other Central Nervous System	13	**	**	**	<10	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	38	8.0	5.7	11.1	24	6.0	3.7	9.3
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	28	10.6	7.0	15.4	29	13.7	8.9	20.0
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	20	4.3	2.6	6.8	13	**	**	**
Liver and Intrahepatic Bile Duct	25	5.5	3.5	8.2	28	8.9	5.6	13.4
Lung and Bronchus	77	17.4	13.7	21.8	20	6.8	4.0	10.8
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	11	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	10	**	**	**	15	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Ovary	11	**	**	**	<10	**	**	**
Pancreas	30	6.3	4.2	9.1	28	10.7	6.9	16.0
Prostate	12	**	**	**	<10	**	**	**
Stomach	18	**	**	**	22	6.7	3.9	10.8
Urinary Bladder	<10	**	**	**	<10	**	**	**
Uterus	13	**	**	**	<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 April 29, 2021

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Table M2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Sex and Race/Ethnicity for Males

	Male 2018											
	*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	5,591	177.5	172.7	182.2	3,824	174.6	169.0	180.3	1,573	205.6	194.8	216.4
Brain and Other Central Nervous System	157	4.9	4.1	5.7	120	5.6	4.5	6.6	s	3.7	2.5	5.4
Colon and Rectum	528	16.5	15.0	17.9	336	15.3	13.6	16.9	169	22.1	18.6	25.7
Esophagus	197	6.0	5.2	6.9	158	6.9	5.8	8.0	s	4.3	2.9	6.2
Hodgkin Lymphoma	13	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	145	4.6	3.9	5.4	104	4.8	3.8	5.7	s	5.2	3.7	7.2
Larynx	53	1.6	1.2	2.1	34	1.5	1.0	2.1	s	**	**	**
Leukemia	249	8.2	7.2	9.3	186	8.9	7.6	10.2	s	6.6	4.8	8.9
Liver and Intrahepatic Bile Duct	322	9.4	8.4	10.5	174	7.5	6.4	8.6	s	14.1	11.6	16.7
Lung and Bronchus	1,267	39.2	37.0	41.4	873	39.0	36.3	41.6	351	45.0	40.0	50.0
Melanoma	75	2.5	1.9	3.1	72	3.4	2.6	4.3	<10	**	**	**
Multiple Myeloma	151	4.9	4.1	5.7	s	4.1	3.3	5.0	58	7.7	5.8	10.1
Non-Hodgkin Lymphoma	210	7.1	6.1	8.0	160	7.6	6.4	8.8	s	5.6	4.0	7.7
Oral Cavity and Pharynx	139	4.2	3.4	4.9	100	4.4	3.5	5.3	s	4.2	2.8	5.9
Pancreas	415	12.7	11.5	14.0	290	12.9	11.4	14.4	111	13.6	10.9	16.2
Prostate	559	19.1	17.5	20.7	337	16.1	14.3	17.8	210	32.3	27.8	36.9
Stomach	140	4.4	3.7	5.2	s	3.4	2.7	4.3	52	7.2	5.3	9.6
Urinary Bladder	216	7.2	6.3	8.2	180	8.5	7.2	9.7	s	4.9	3.3	7.0

\*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 April 29, 2021

Table M2: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Sex and Race/Ethnicity for Males

	Male 2018							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	194	96.7	82.7	110.7	122	86.7	68.7	104.6
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Colon and Rectum	23	10.1	6.3	15.3	s	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	s	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	s	**	**	**	16	**	**	**
Lung and Bronchus	43	22.4	16.1	30.4	<10	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	<10	**	**	**	s	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Pancreas	14	**	**	**	10	**	**	**
Prostate	12	**	**	**	<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

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

Source: CDC Wonder as of April 29, 2021

Table M3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Sex and Race/Ethnicity for Females

	Female 2018											
	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	5,336	130.6	127.0	134.1	3,439	127.1	122.7	131.5	1,709	149.5	142.3	156.8
Brain and Other Central Nervous System	130	3.5	2.9	4.1	101	4.3	3.4	5.1	s	2.0	1.3	3.1
Cervix	81	2.2	1.7	2.7	41	1.9	1.3	2.6	s	3.0	2.1	4.2
Colon and Rectum	454	11.3	10.2	12.3	281	10.6	9.3	11.9	158	14.2	12.0	16.5
Esophagus	61	1.5	1.1	1.9	41	1.4	1.0	2.0	s	**	**	**
Female Breast (Malignant Only)	838	21.2	19.7	22.7	499	19.1	17.4	20.9	311	27.7	24.6	30.8
Hodgkin Lymphoma	10	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	93	2.2	1.8	2.7	63	2.3	1.7	2.9	s	2.5	1.7	3.7
Larynx	13	**	**	**	10	**	**	**	<10	**	**	**
Leukemia	164	4.0	3.3	4.6	110	3.9	3.1	4.6	s	4.1	3.0	5.4
Liver and Intrahepatic Bile Duct	165	3.9	3.3	4.6	100	3.6	2.9	4.4	s	4.9	3.7	6.3
Lung and Bronchus	1,201	28.8	27.2	30.5	832	30.0	28.0	32.1	335	29.2	26.0	32.4
Melanoma	50	1.3	1.0	1.7	45	1.8	1.3	2.5	<10	**	**	**
Multiple Myeloma	129	3.1	2.6	3.7	s	2.2	1.7	2.9	62	5.3	4.0	6.8
Non-Hodgkin Lymphoma	133	3.2	2.6	3.8	99	3.4	2.7	4.2	s	2.8	1.9	4.0
Oral Cavity and Pharynx	46	1.1	0.8	1.4	37	1.3	0.9	1.8	<10	**	**	**
Ovary	252	6.2	5.4	7.0	183	7.1	6.0	8.1	58	4.8	3.6	6.3
Pancreas	429	10.3	9.3	11.3	258	9.4	8.2	10.6	155	13.3	11.1	15.4
Stomach	91	2.3	1.8	2.8	s	1.5	1.0	2.1	49	4.5	3.3	6.0
Urinary Bladder	90	2.1	1.7	2.6	63	2.1	1.6	2.7	s	2.4	1.5	3.5
Uterus	278	6.7	5.9	7.5	146	5.4	4.5	6.3	119	9.9	8.1	11.7

\*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 April 29, 2021

S

Table M3: Cancer Sites and All Sites Combined for Maryland:  
Count, Age-Adjusted Mortality Rates and 95% Confidence Intervals, By Sex and Race/Ethnicity for Females

	Female 2018							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	188	72.9	62.3	83.5	138	78.4	64.5	92.4
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	15	**	**	**	<10	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	28	10.6	7.0	15.4	29	13.7	8.9	20.0
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	<10	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	<10	**	**	**	12	**	**	**
Lung and Bronchus	34	13.7	9.4	19.2	s	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Ovary	11	**	**	**	<10	**	**	**
Pancreas	16	**	**	**	18	**	**	**
Stomach	<10	**	**	**	<10	**	**	**
Urinary Bladder	<10	**	**	**	<10	**	**	**
Uterus	13	**	**	**	<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 April 29, 2021

2018 Maryland Incidence and Mortality  
Selected Cancer Rates  
(Maryland and by County)

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# Maryland



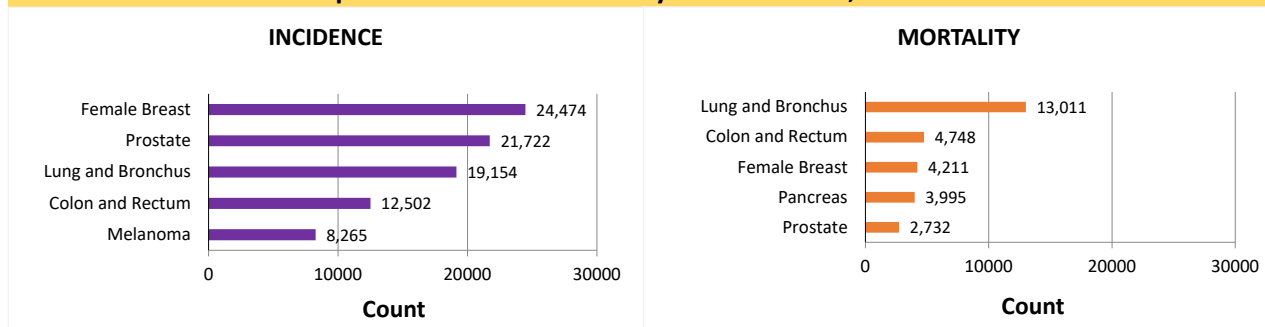
## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

In 2018, the number of incidence and mortality cases in Maryland were:

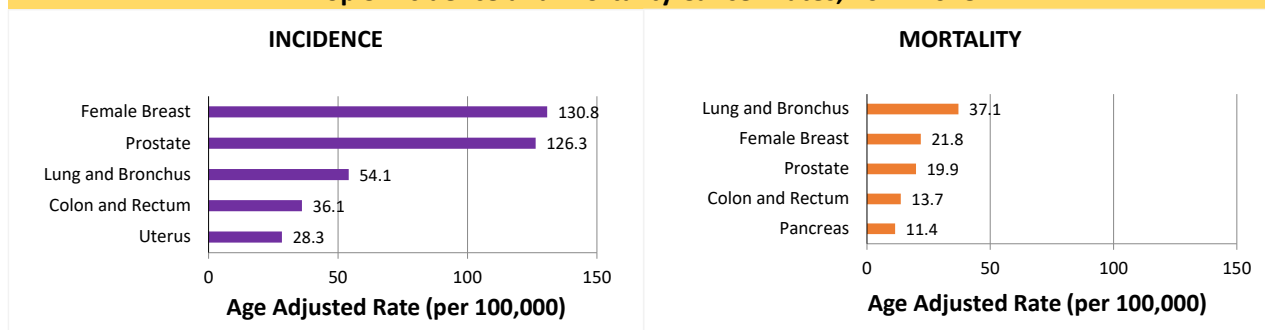
**Incidence:** 32,569 new cases of all cancer cases

**Mortality:** 10,927 deaths from cancer

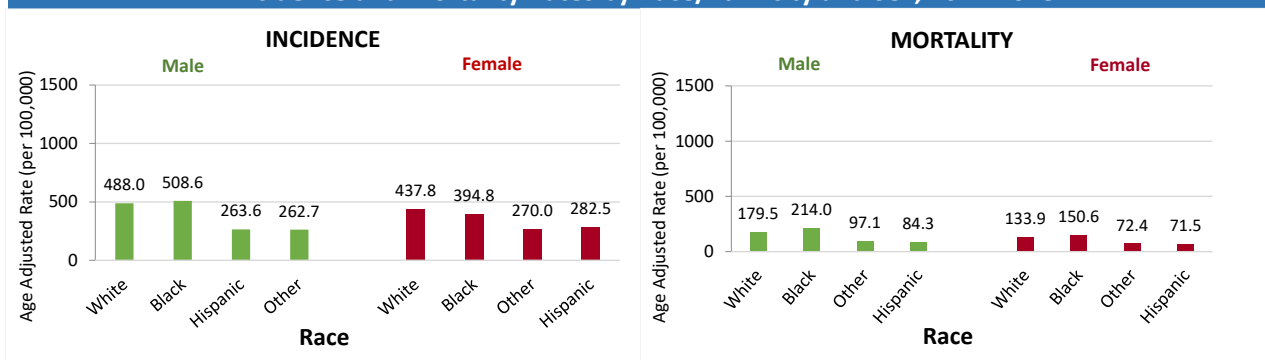
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

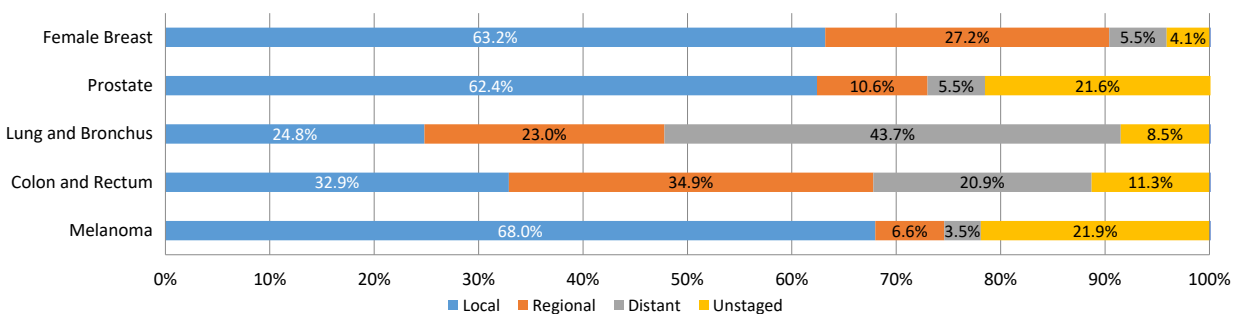
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

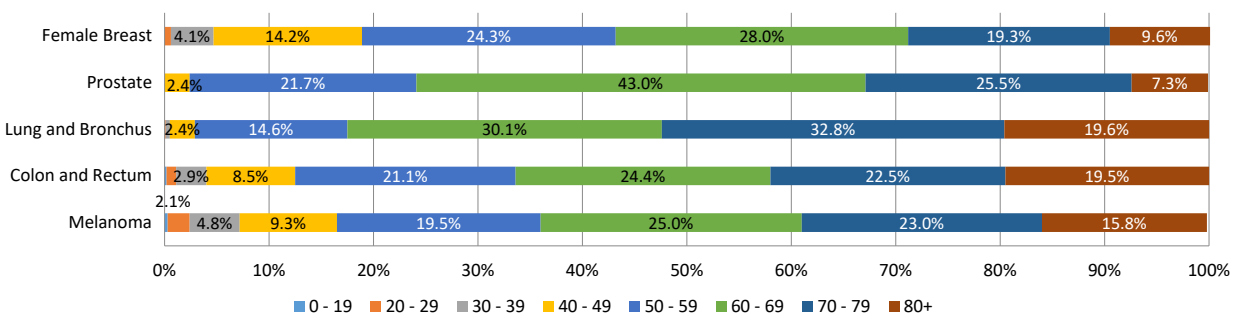
# Maryland



**Distribution of Stage of Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\***



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

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



# Allegany County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

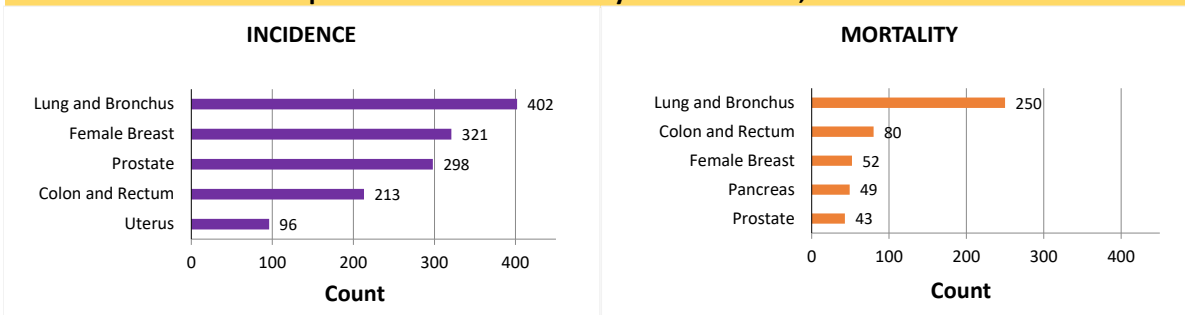
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Allegany County were:

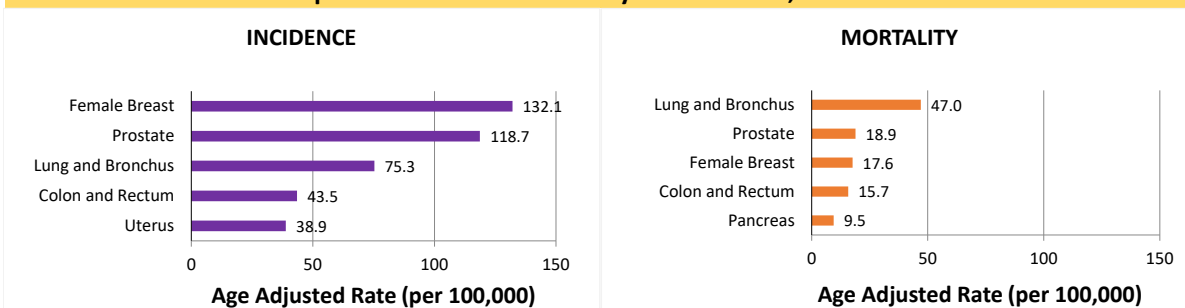
**Incidence:** 490 new cases of all cancer cases

**Mortality:** 174 deaths from cancer

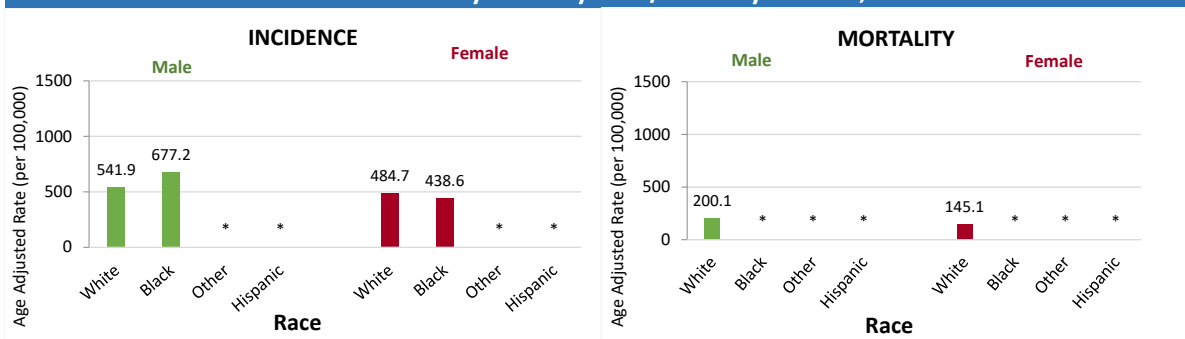
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

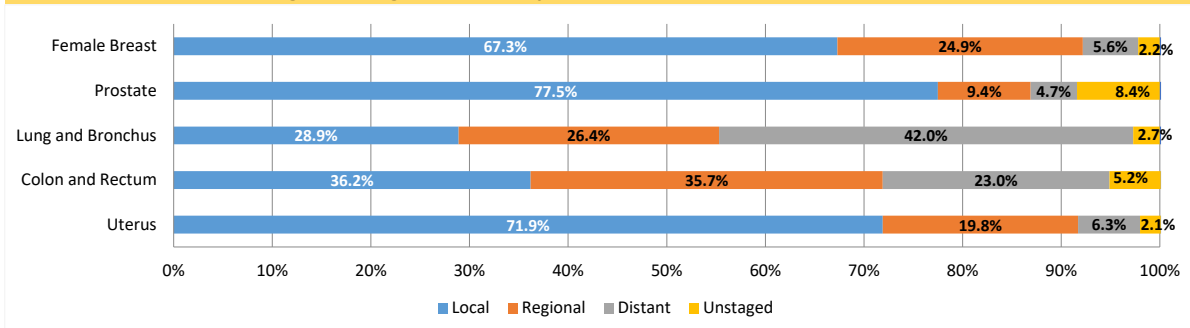
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

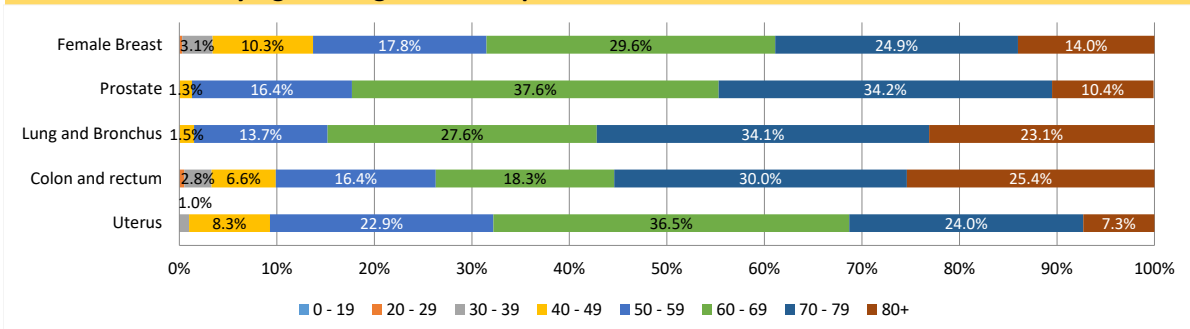
# Allegany County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\***



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

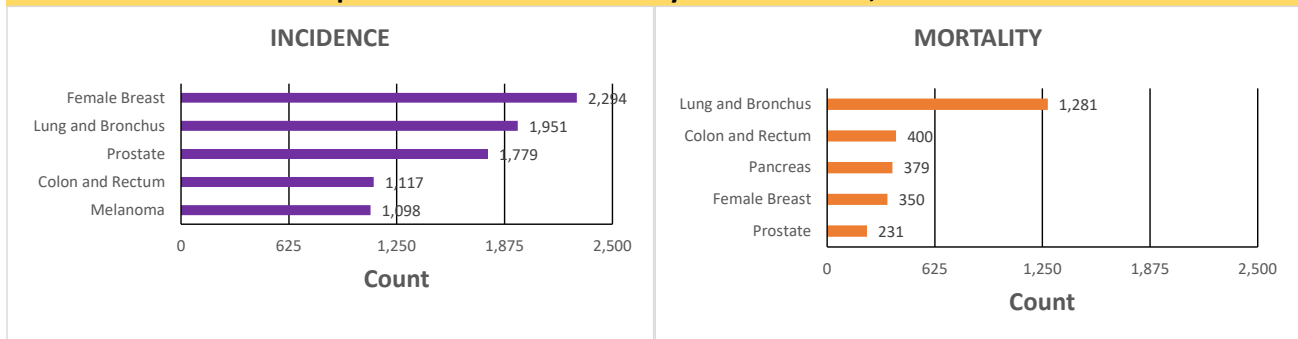
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Anne Arundel County were:

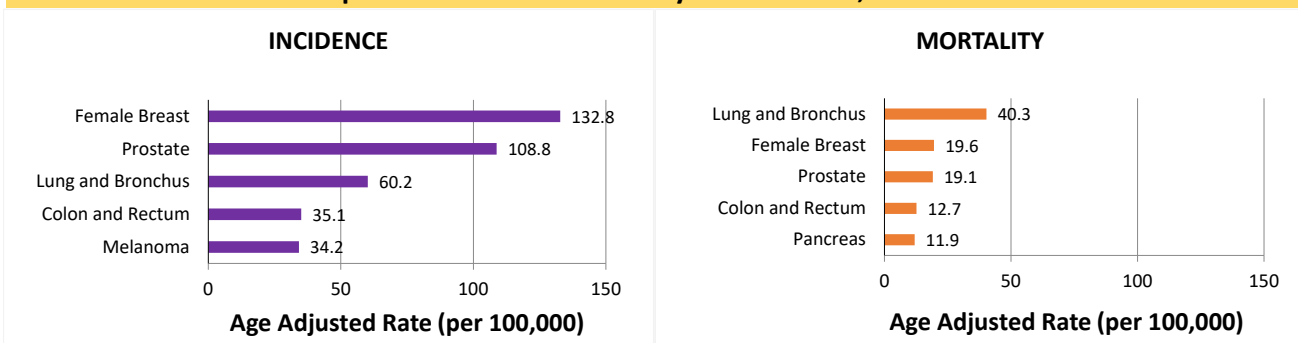
**Incidence:** 3,097 new cases of all cancer cases

**Mortality:** 994 deaths from cancer

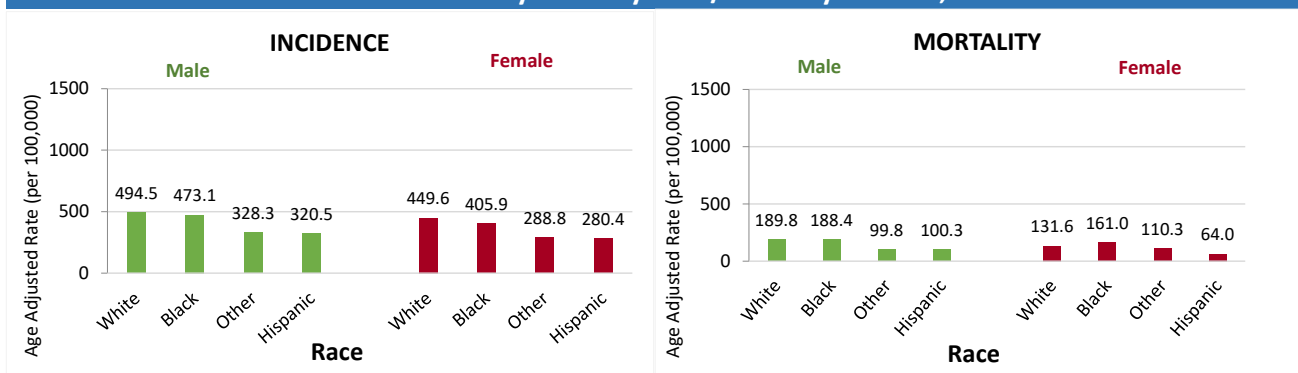
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

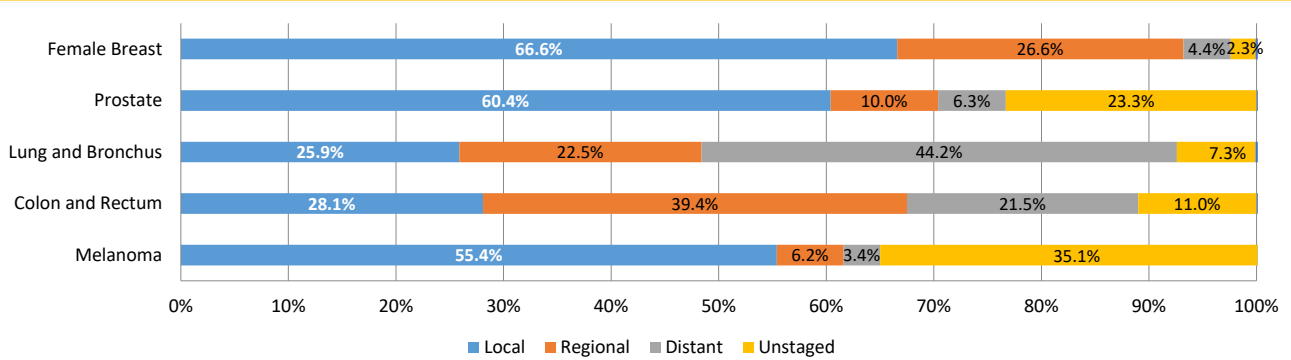
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

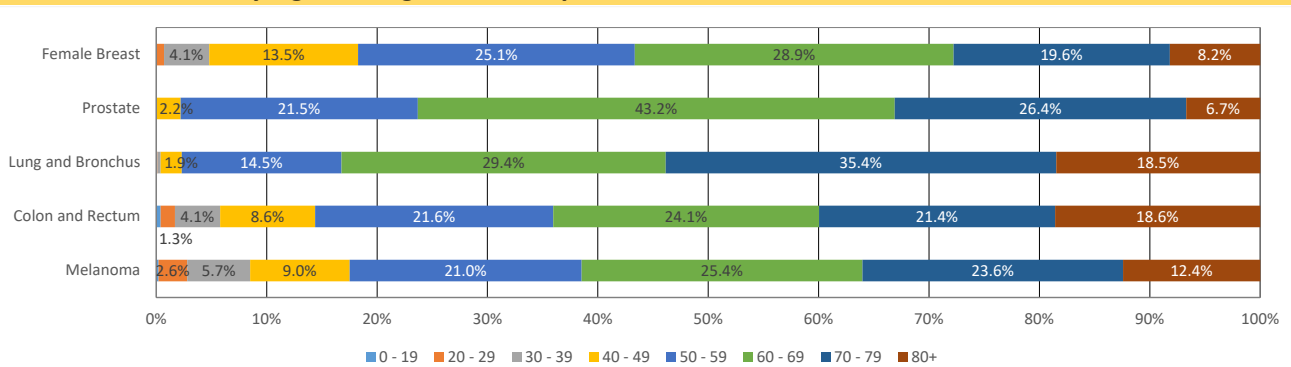
# Anne Arundel County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\***



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Baltimore City



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

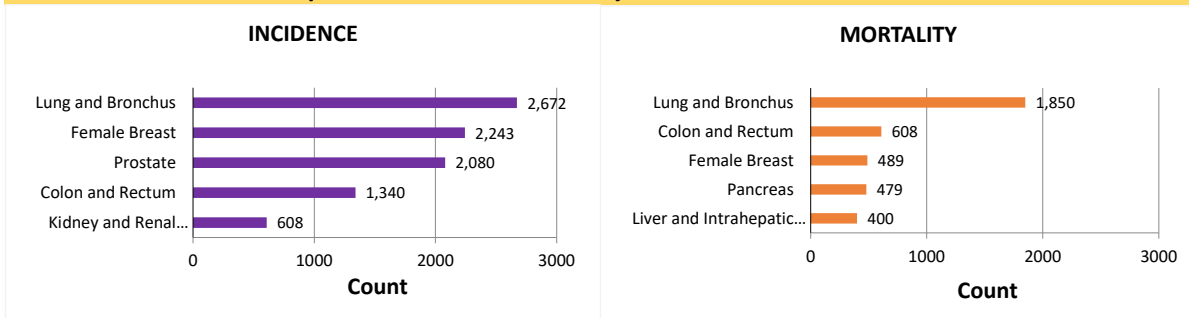
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Baltimore City were:

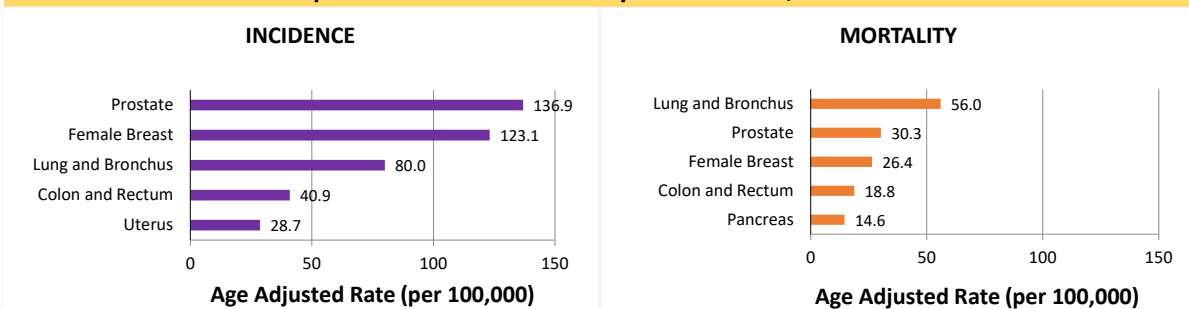
**Incidence:** 3,231 new cases of all cancer cases

**Mortality:** 1,335 deaths from cancer

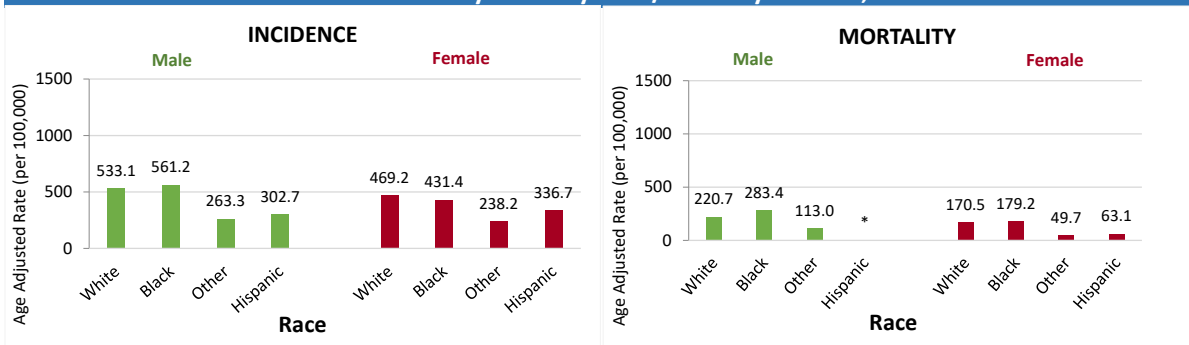
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

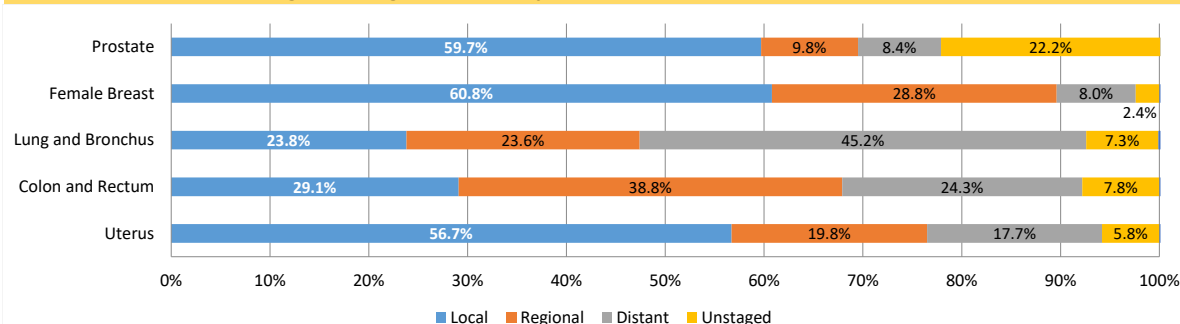
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

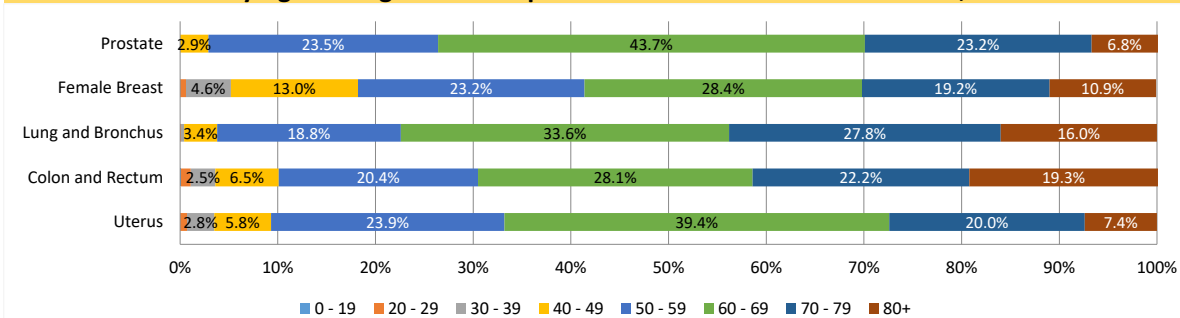
# Baltimore City



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Baltimore County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

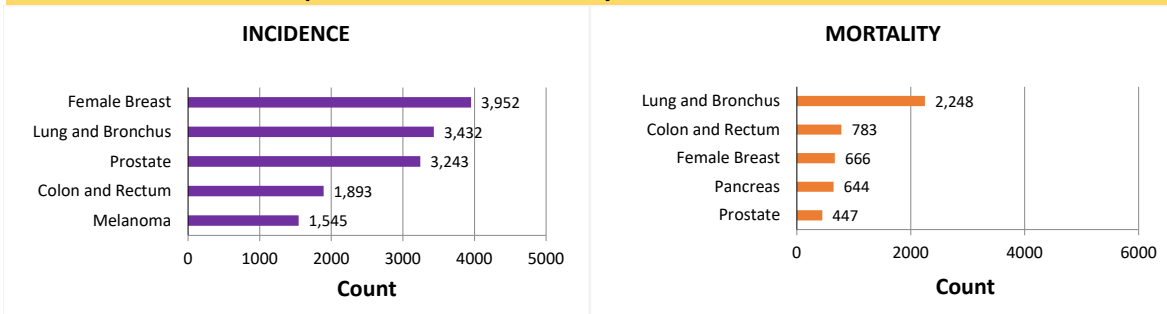
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Baltimore County were:

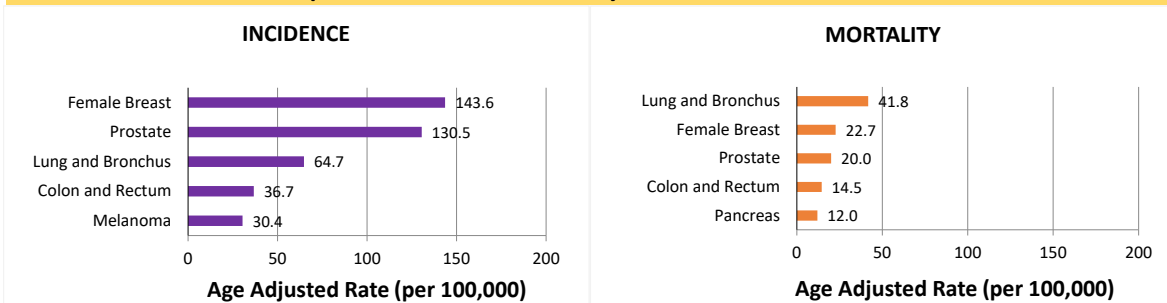
**Incidence:** 5,084 new cases of all cancer cases

**Mortality:** 1,766 deaths from cancer

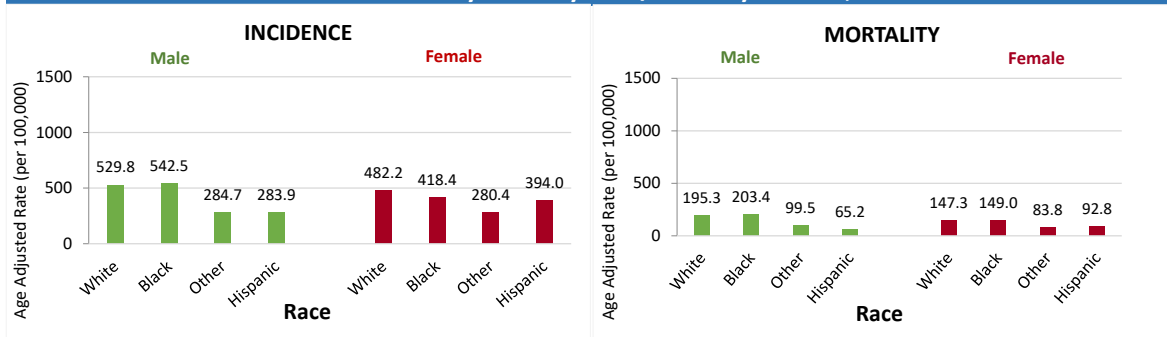
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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.

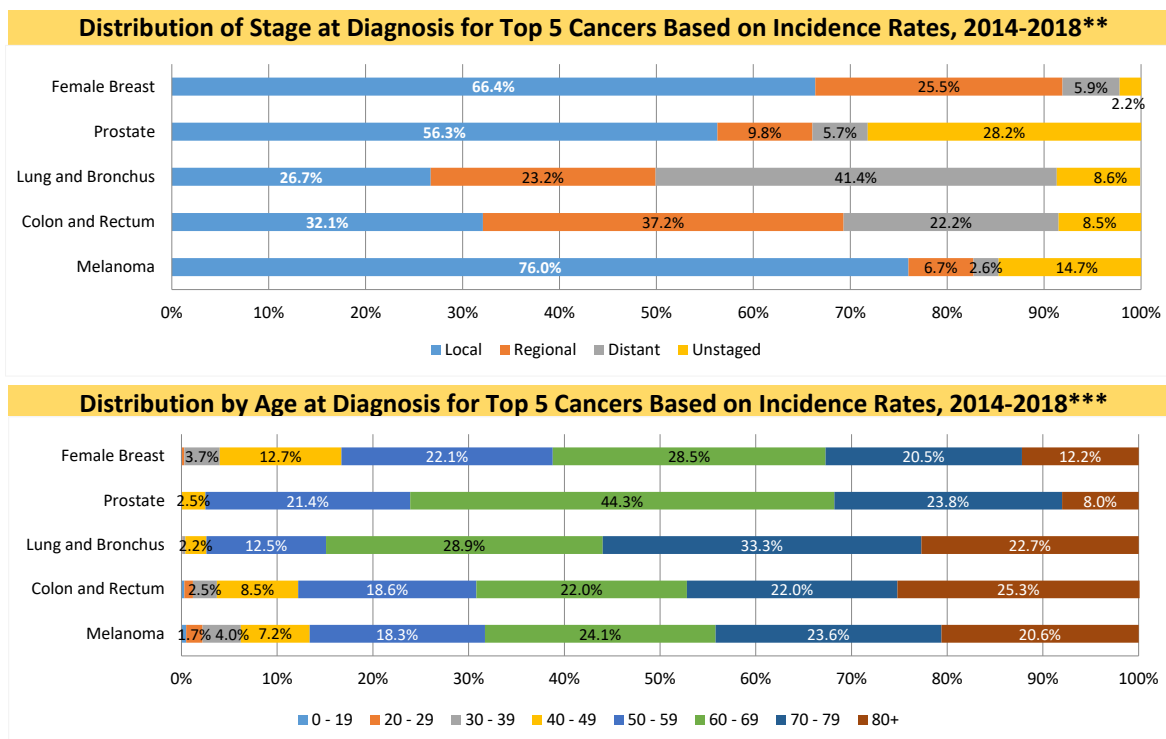
\* Suppressed rates:

Incidence Rates based on death 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 / CDC Mortality Data Suppression Policy

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

# Baltimore County



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.





## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

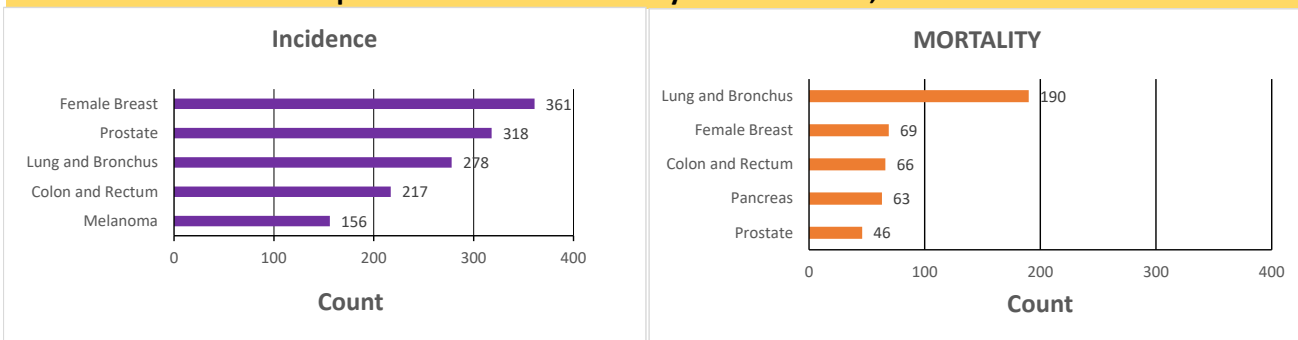
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Calvert County were:

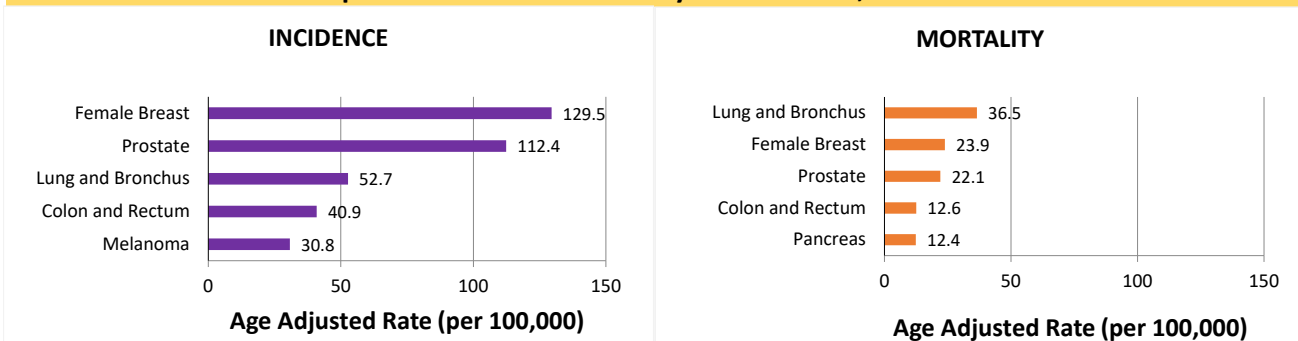
**Incidence:** 479 new cases of all cancer cases

**Mortality:** 155 deaths from cancer

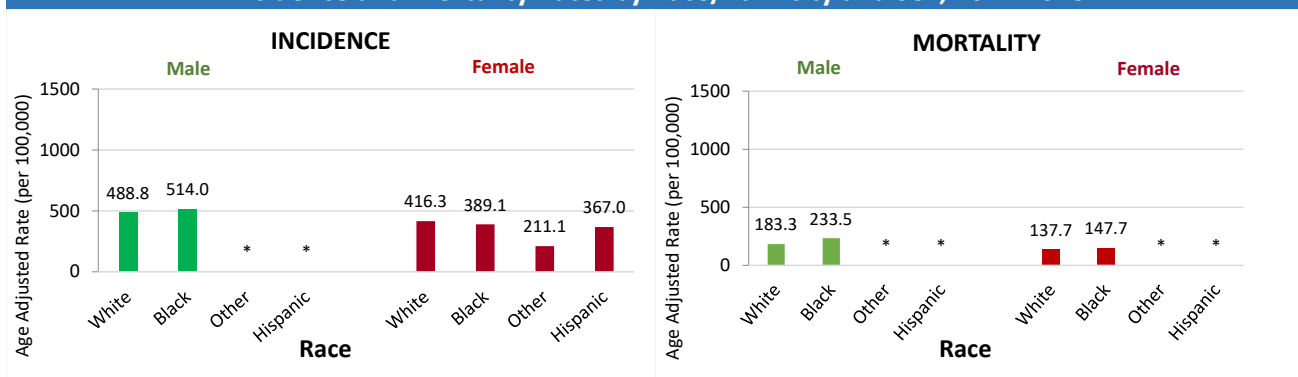
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

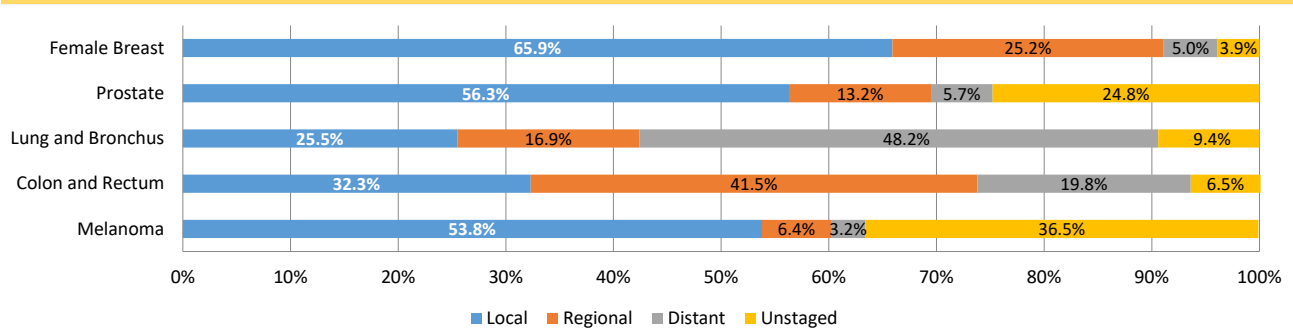
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

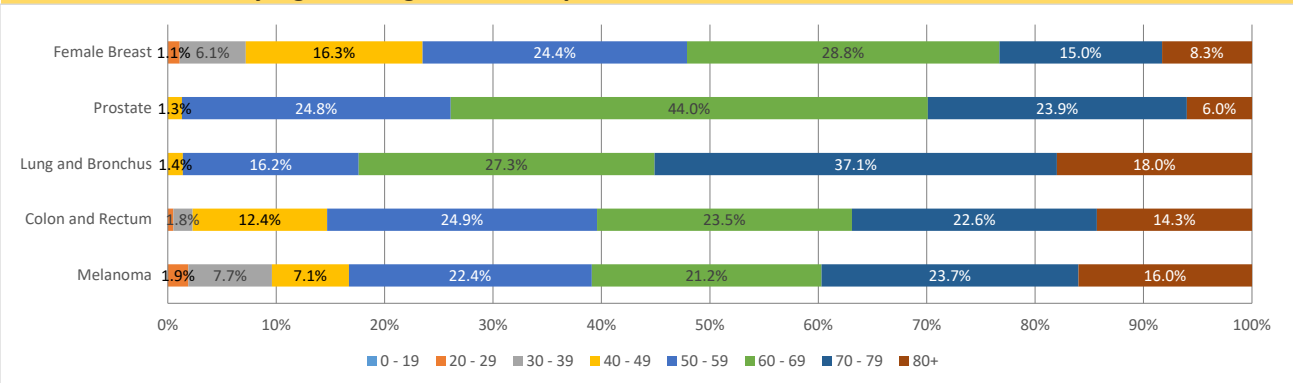
# Calvert County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*

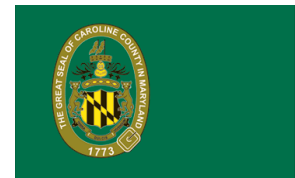


Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Caroline County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

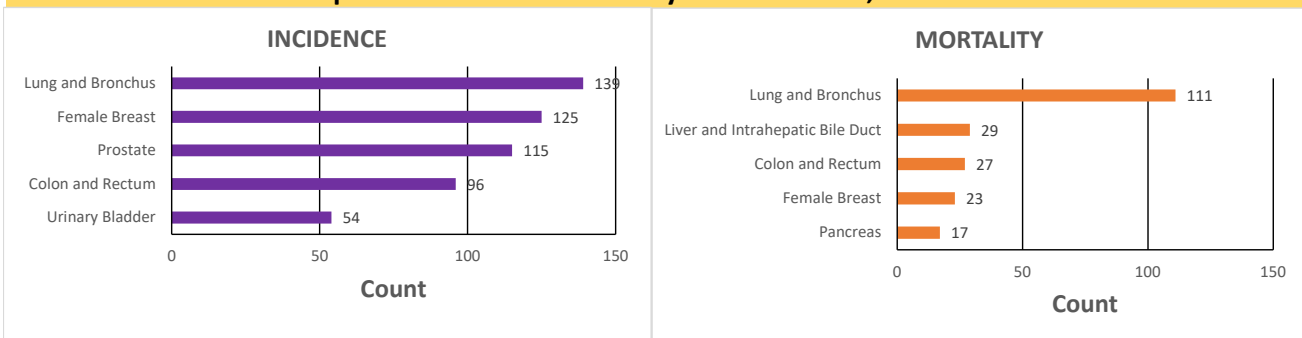
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Caroline County were:

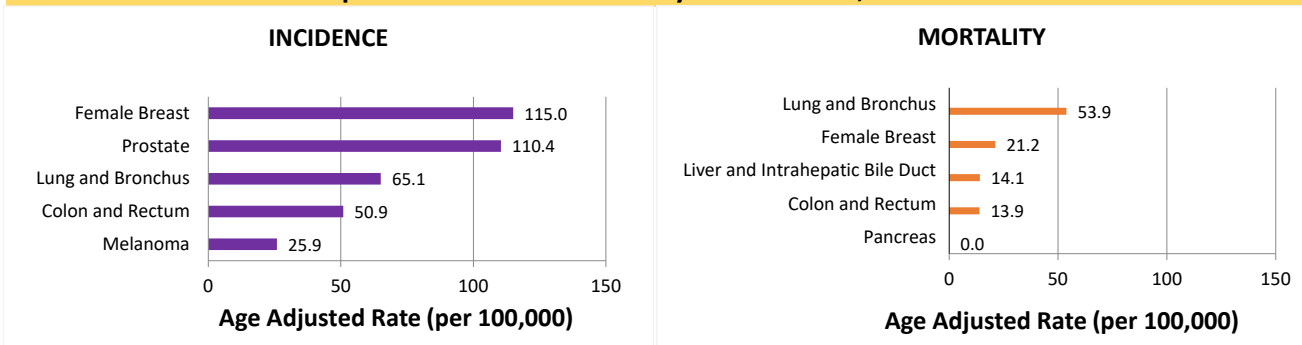
**Incidence:** 204 new cases of all cancer cases

**Mortality:** 75 deaths from cancer

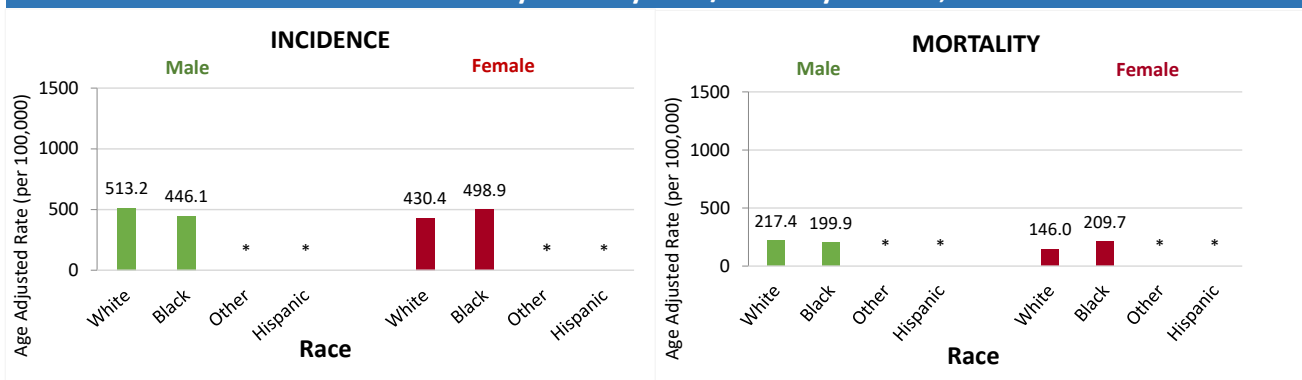
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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.

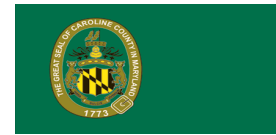
\* Suppressed rates:

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

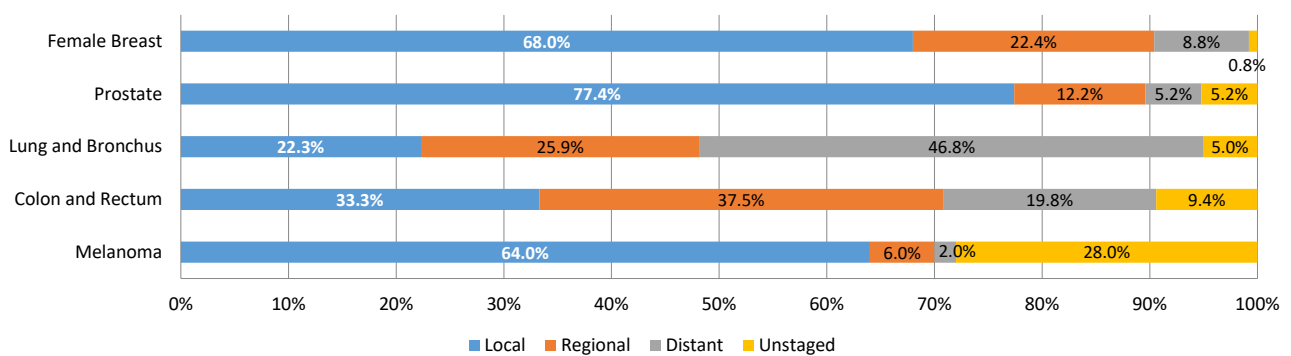
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

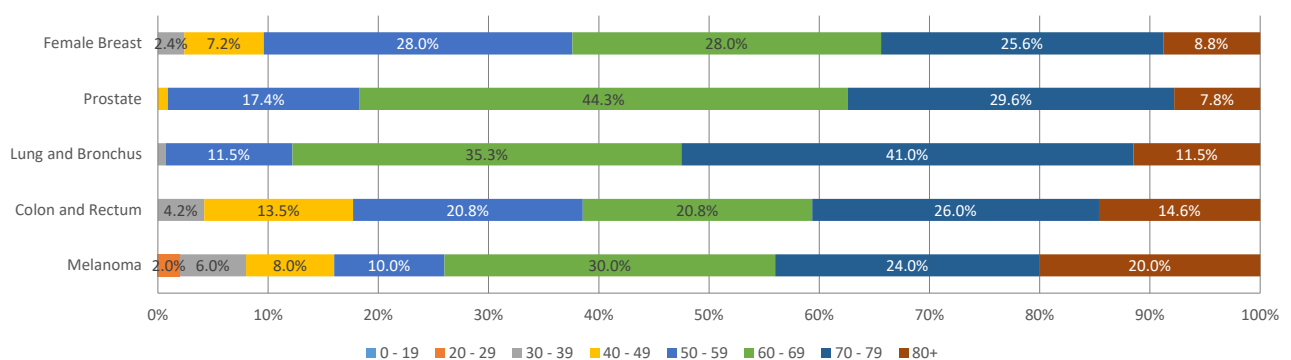
# Caroline County



## Distribution of State of Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Carroll County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

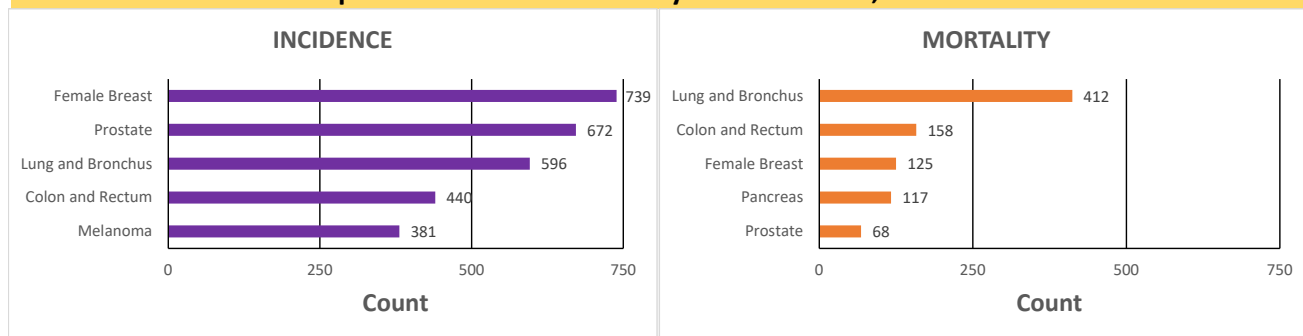
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Carroll County were:

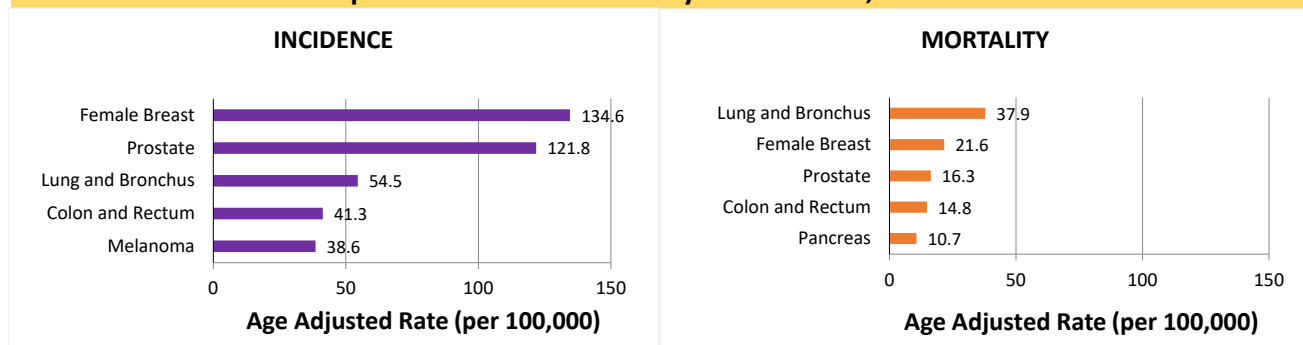
**Incidence:** 1,021 new cases of all cancer cases

**Mortality:** 342 deaths from cancer

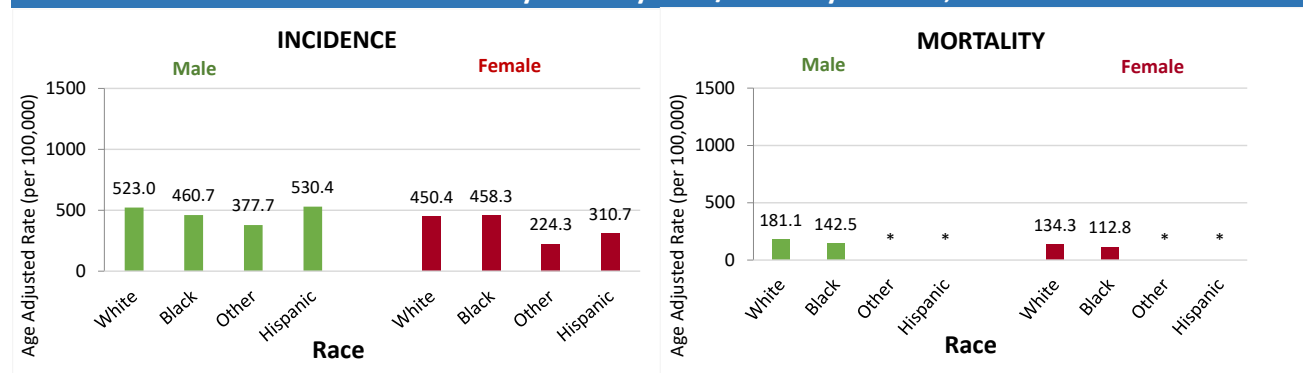
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

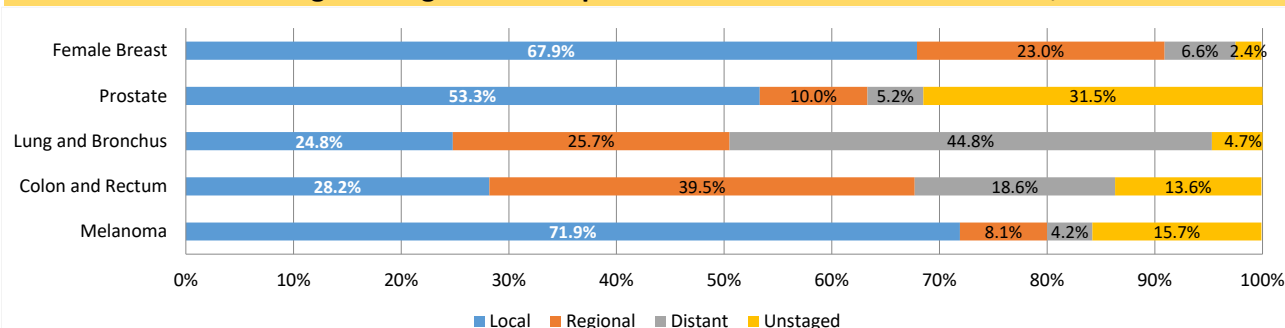
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

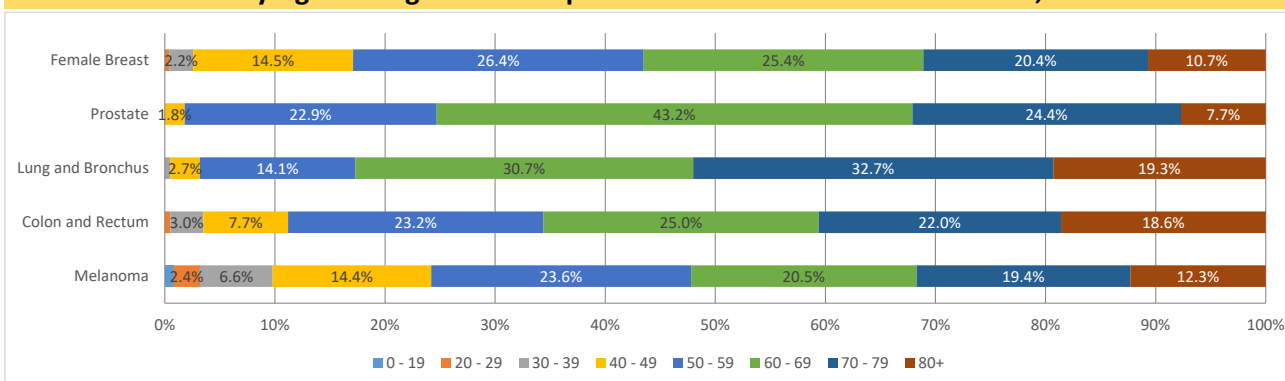
# Carroll County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Cecil County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

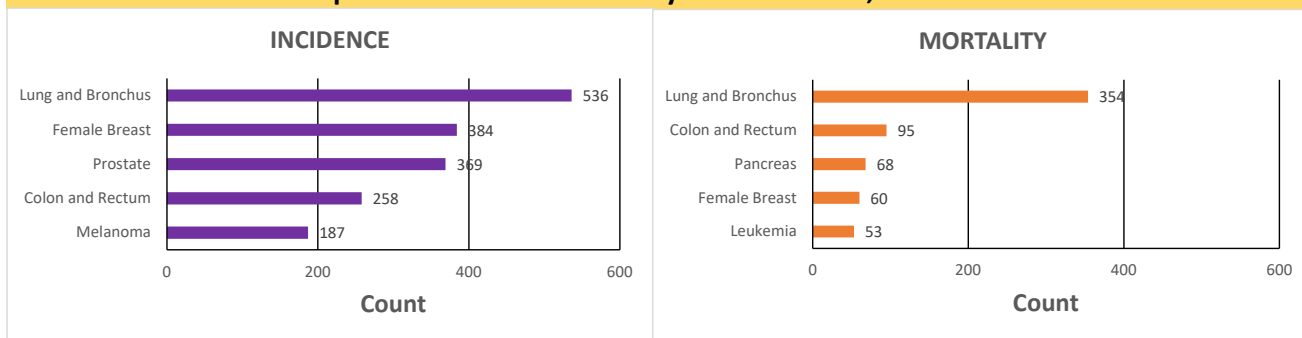
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Cecil County were:

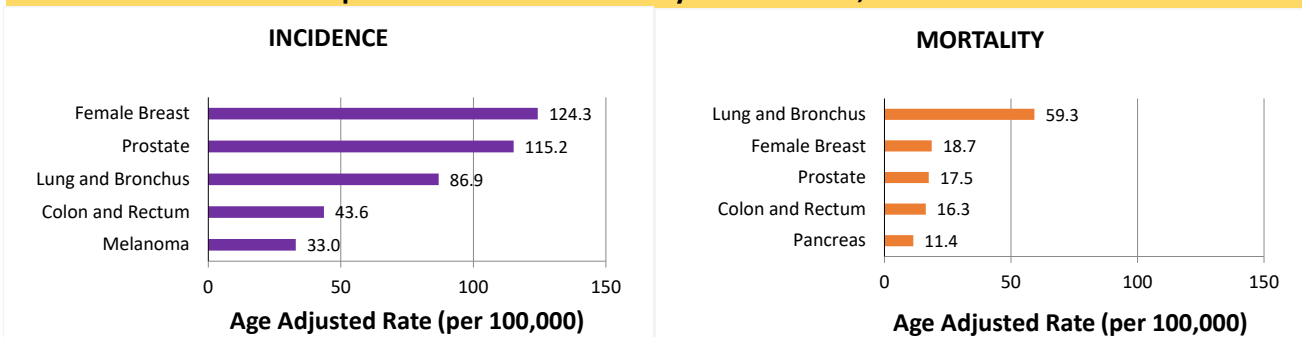
**Incidence:** 618 new cases of all cancer cases

**Mortality:** 222 deaths from cancer

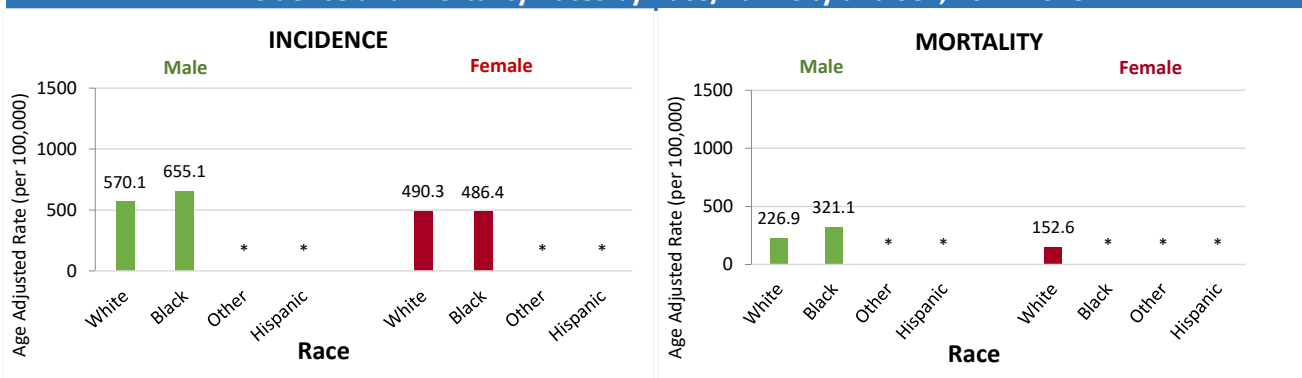
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

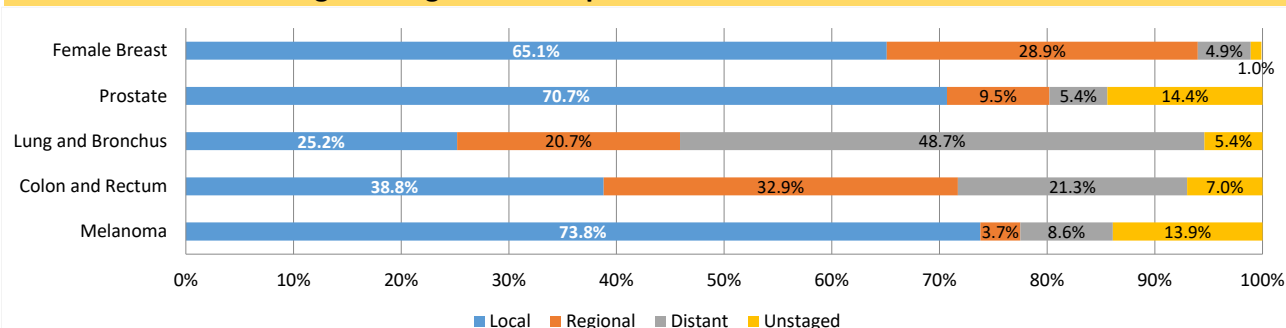
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

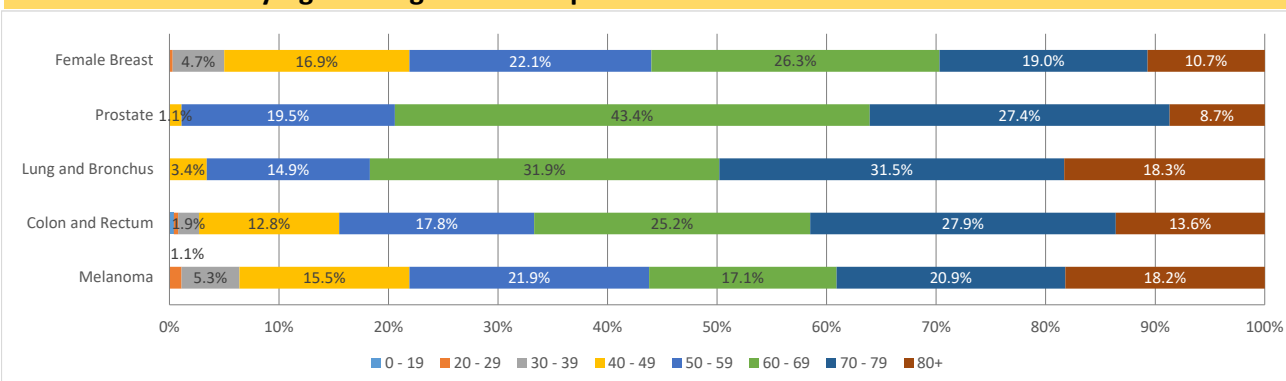
# Cecil County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates 2014-2018\*\*\*



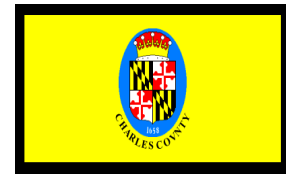
Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



# Charles County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

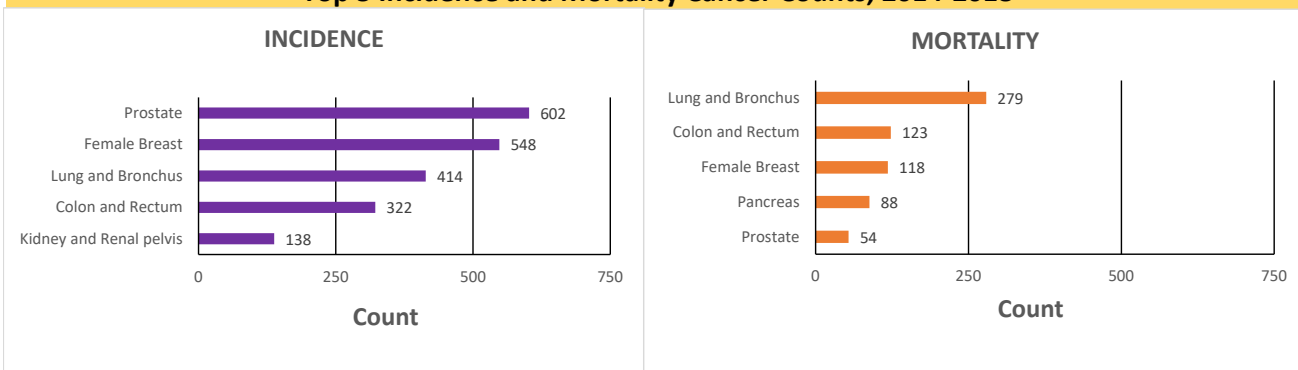
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Charles County were:

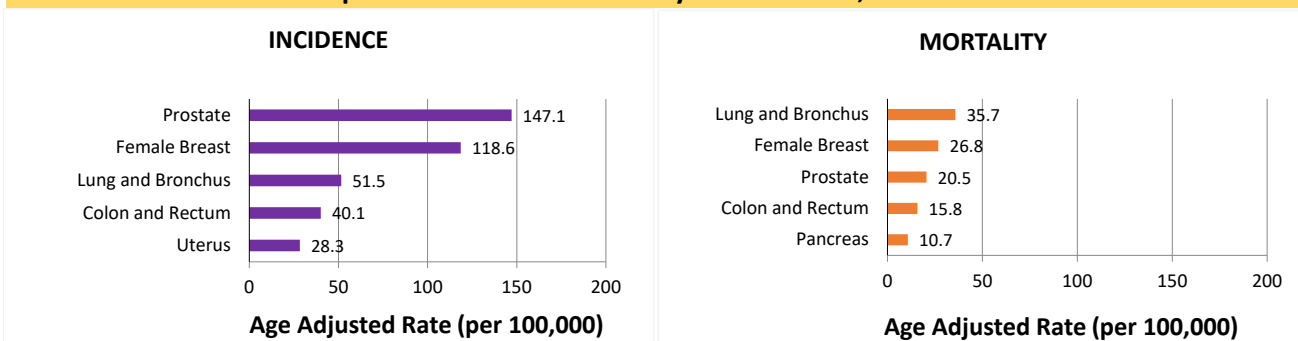
**Incidence:** 752 new cases of all cancer cases

**Mortality:** 285 deaths from cancer

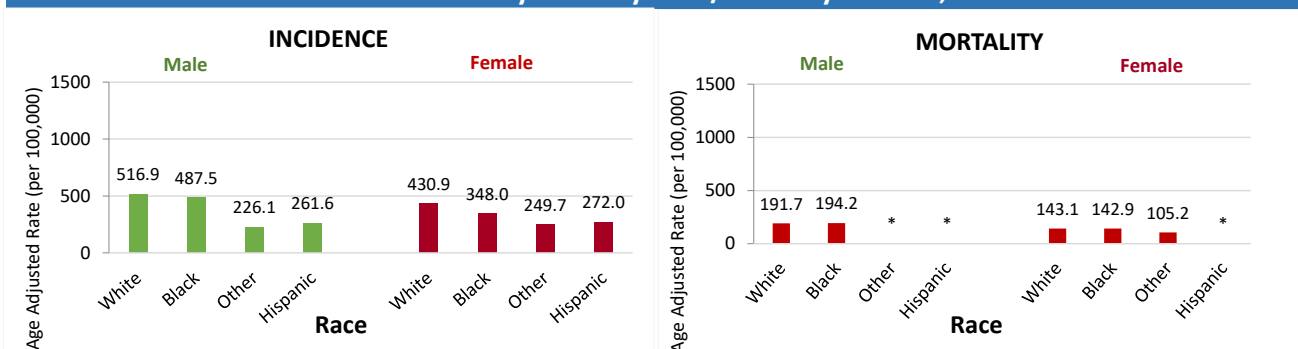
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

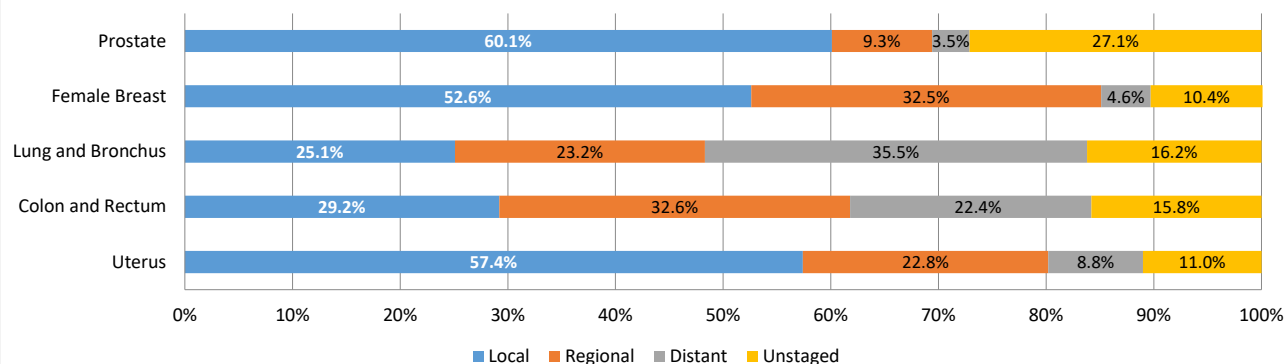
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

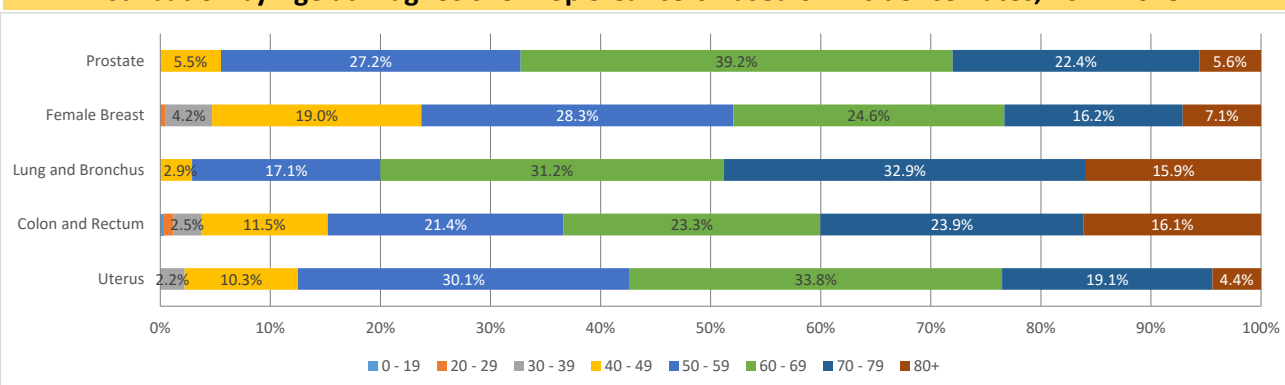
# Charles County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Dorchester County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

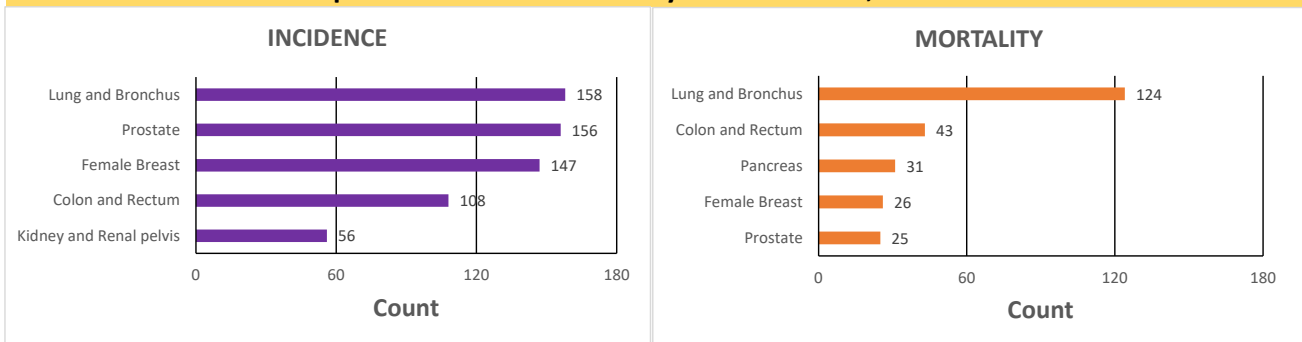
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Dorchester County were:

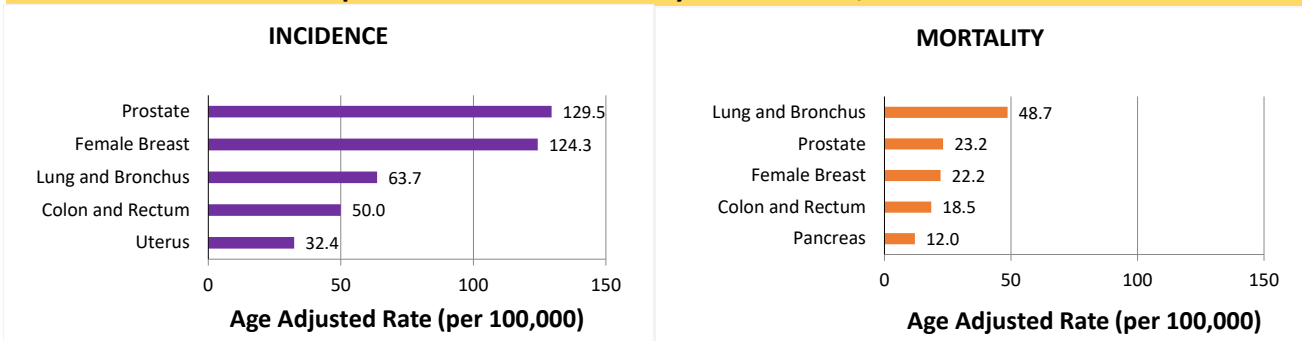
**Incidence:** 275 new cases of all cancer cases

**Mortality:** 96 deaths from cancer

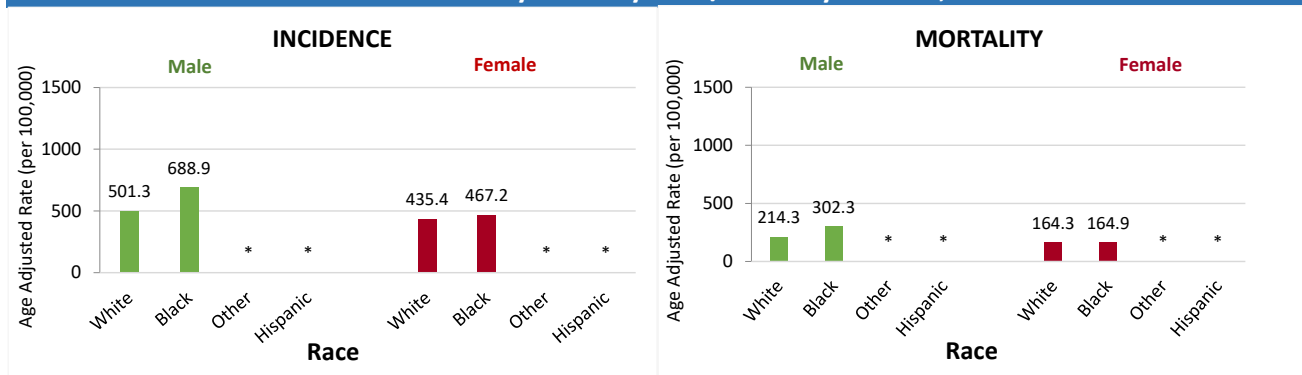
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

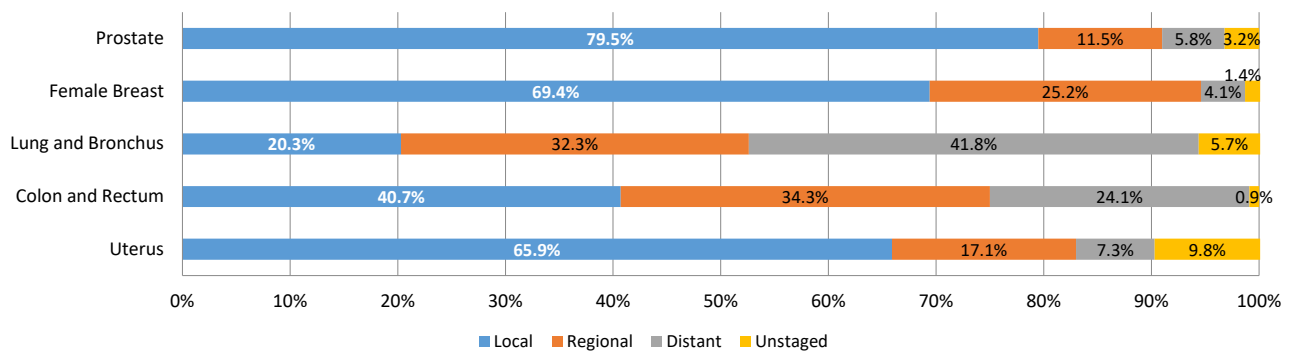
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

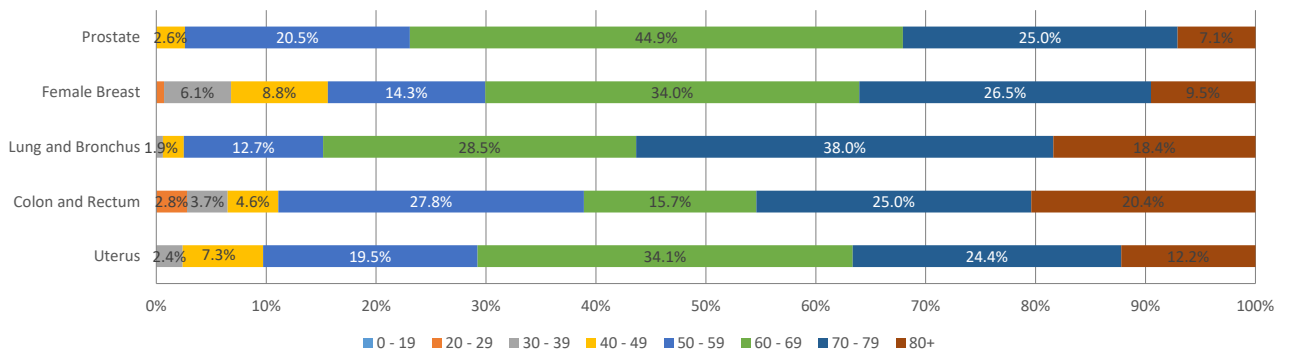
# Dorchester County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Frederick County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

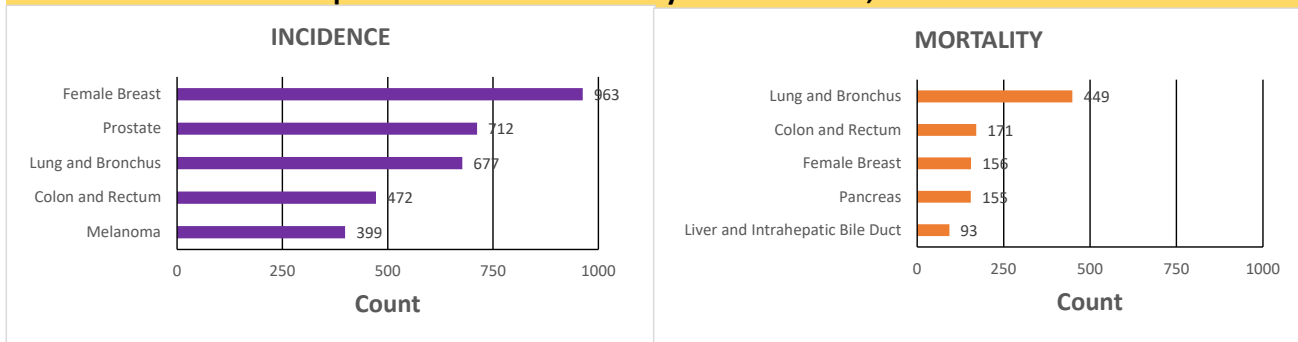
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Frederick County were:

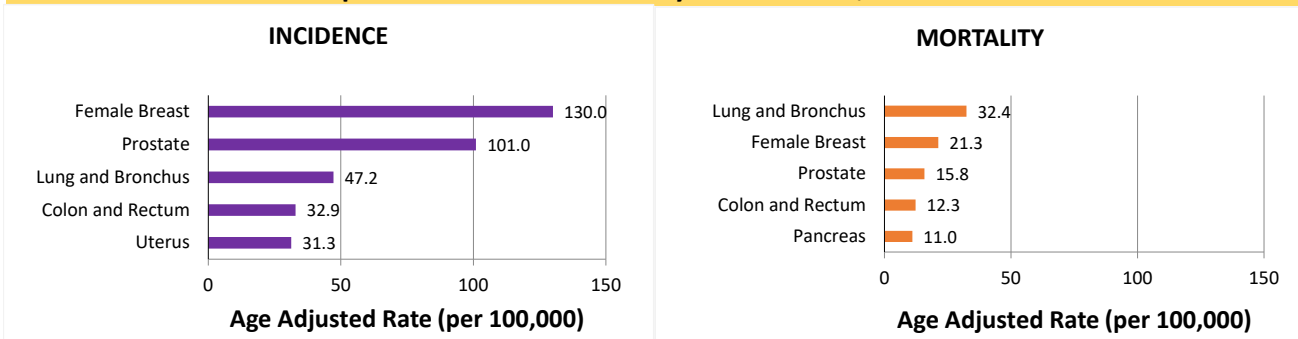
**Incidence:** 1,299 new cases of all cancer cases

**Mortality:** 412 deaths from cancer

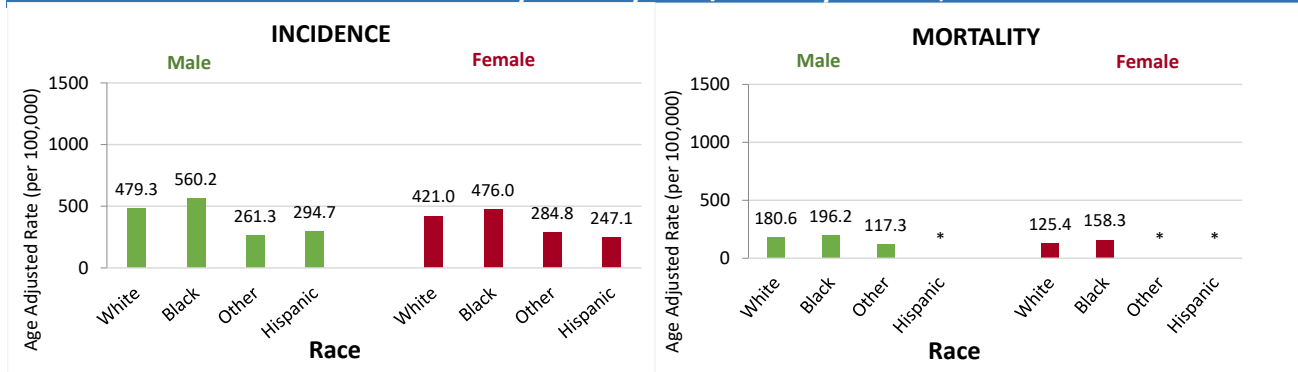
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

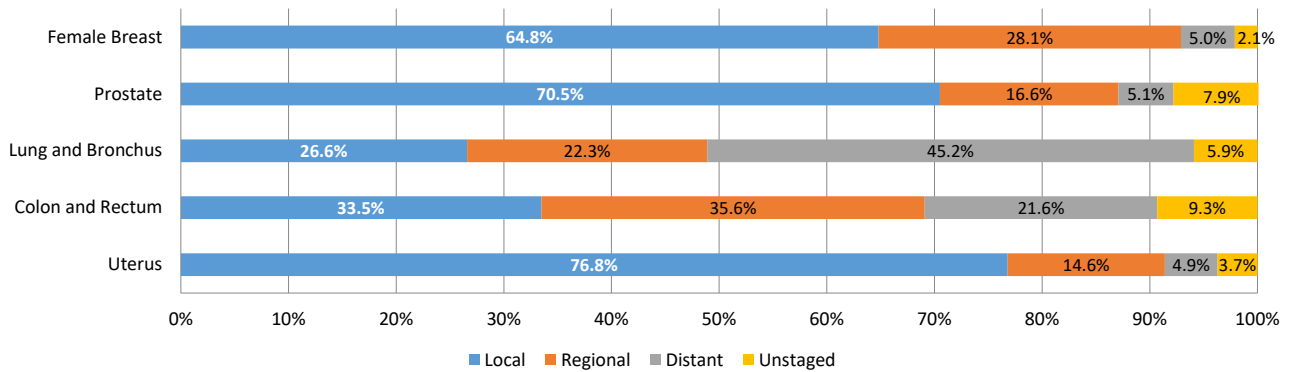
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

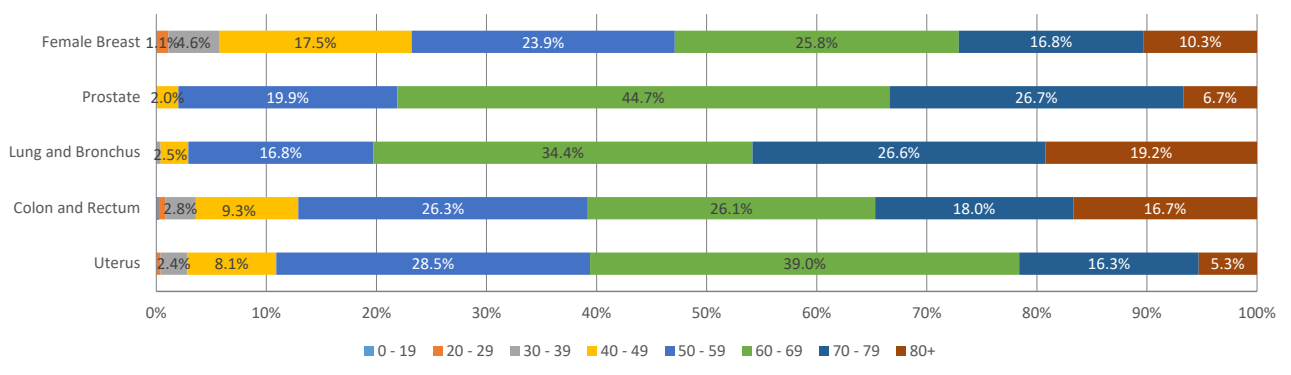
# Frederick County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\***



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Garrett County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

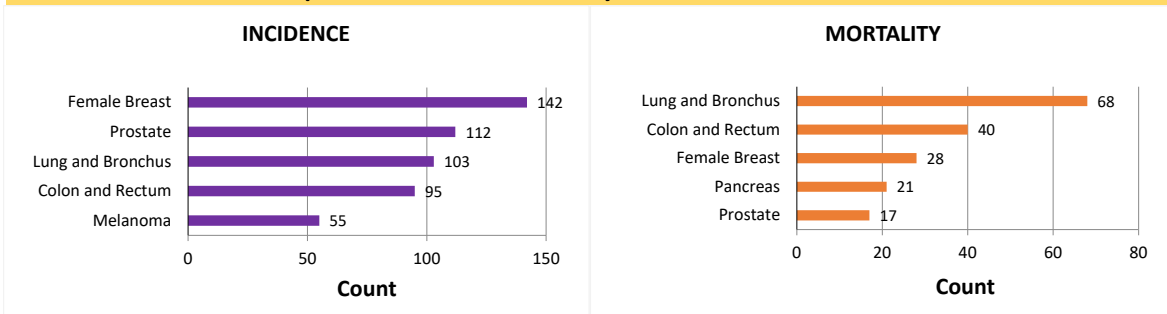
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Garrett County were:

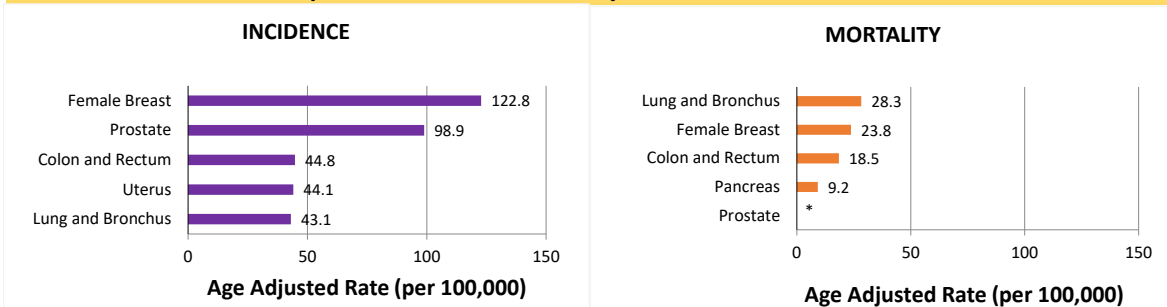
**Incidence:** 188 new cases of all cancer cases

**Mortality:** 67 deaths from cancer

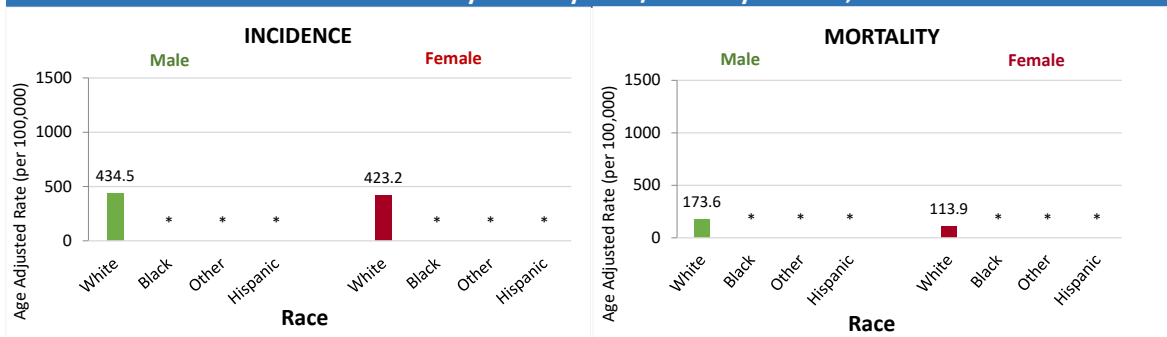
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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.

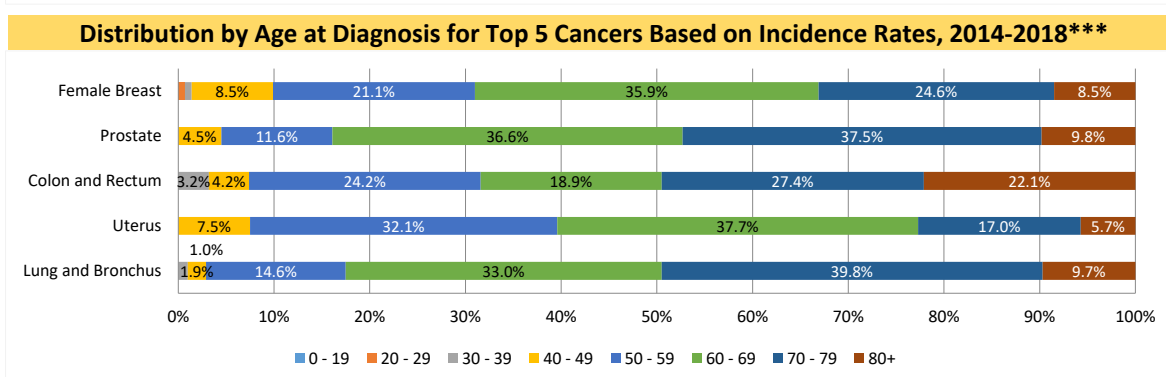
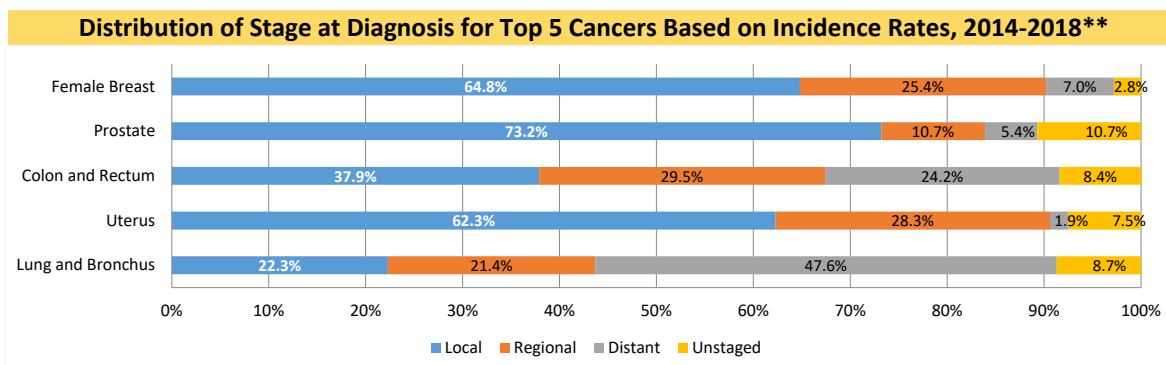
\* Suppressed rates:

Incidence Rates based on death 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 / CDC Mortality Data Suppression Policy

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

# Garrett County



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



# Harford County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

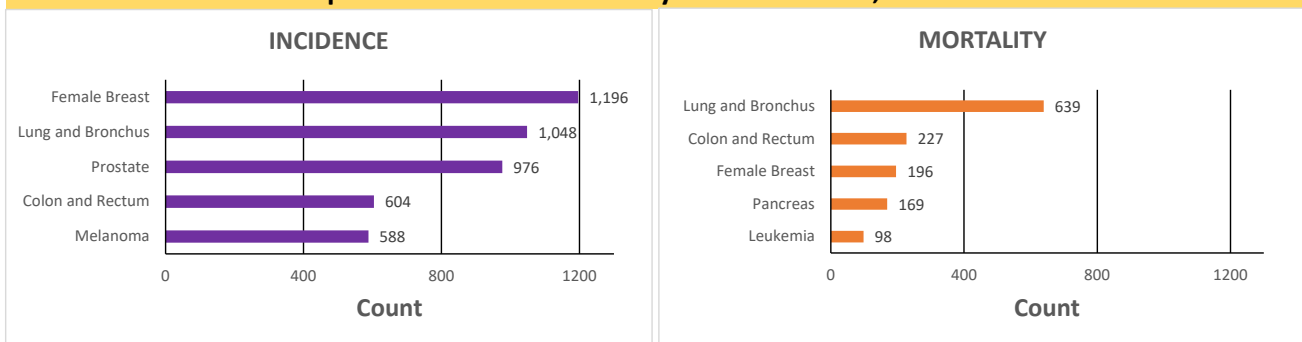
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Harford County were:

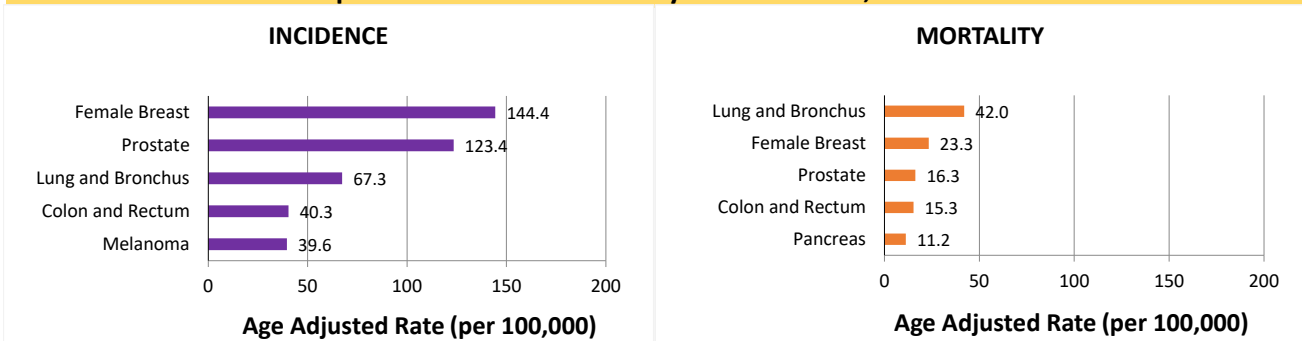
**Incidence:** 1,616 new cases of all cancer cases

**Mortality:** 488 deaths from cancer

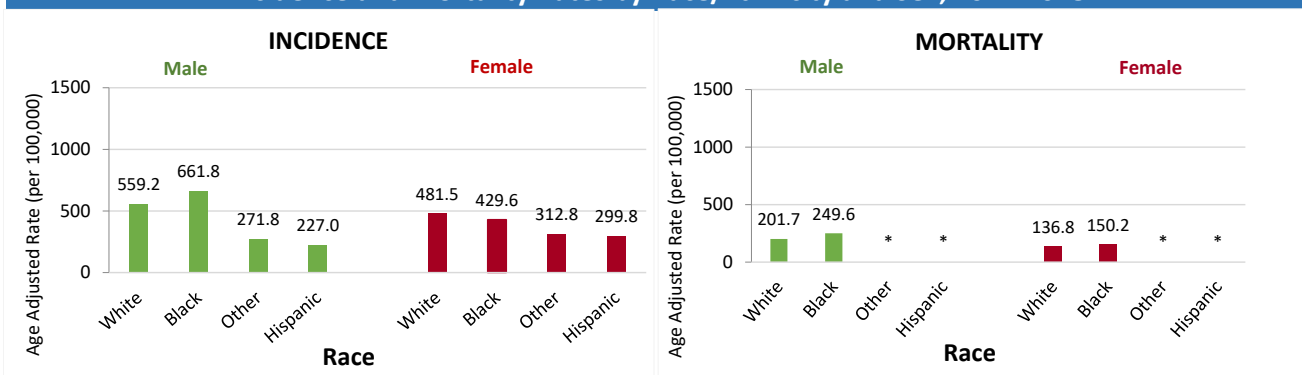
### Top 5 Incidence and Mortality Cancers Counts, 2014-2018



### Top 5 Incidence and Mortality Cancers Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

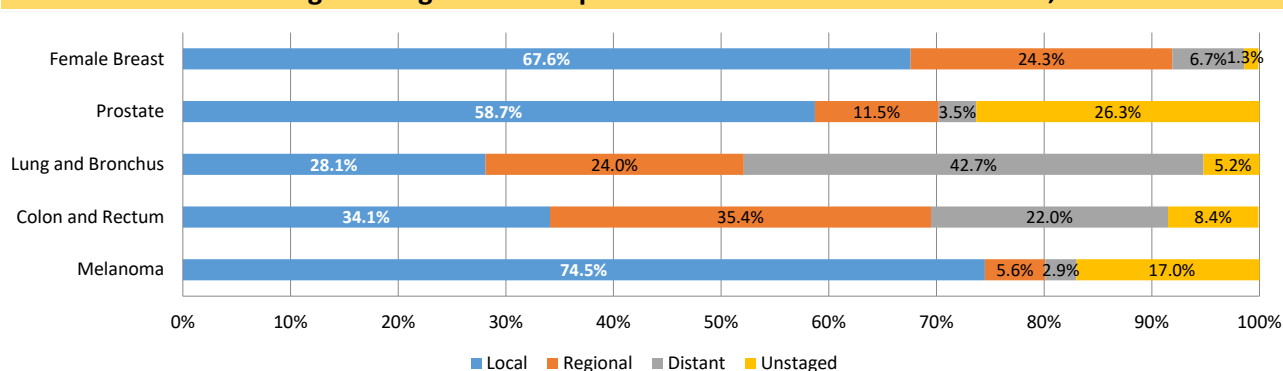
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

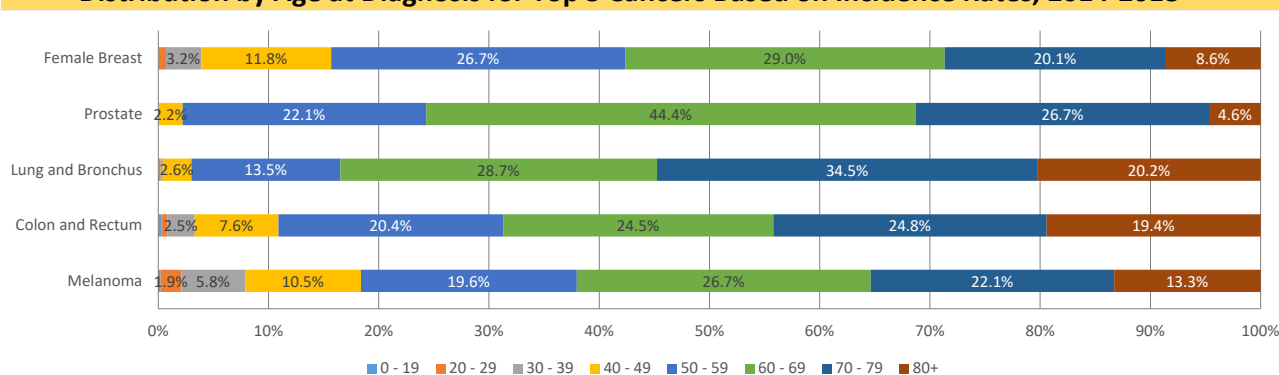
# Harford County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



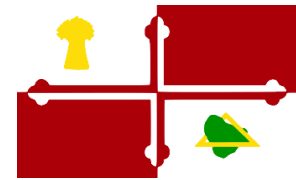
## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

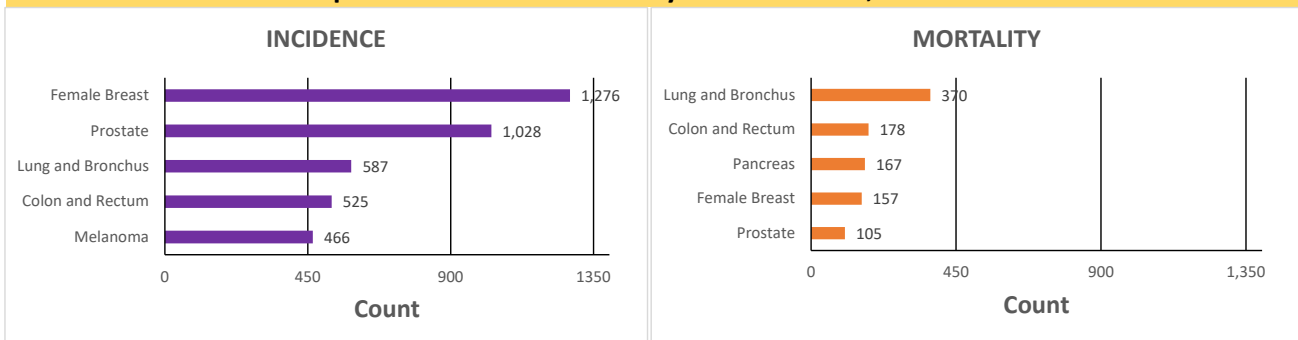
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Howard County were:

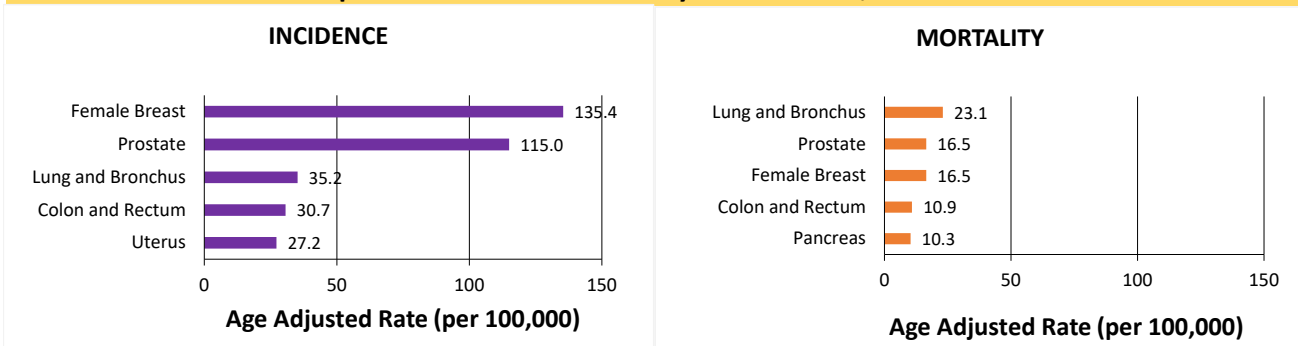
**Incidence:** 1,509 new cases of all cancer cases

**Mortality:** 405 deaths from cancer

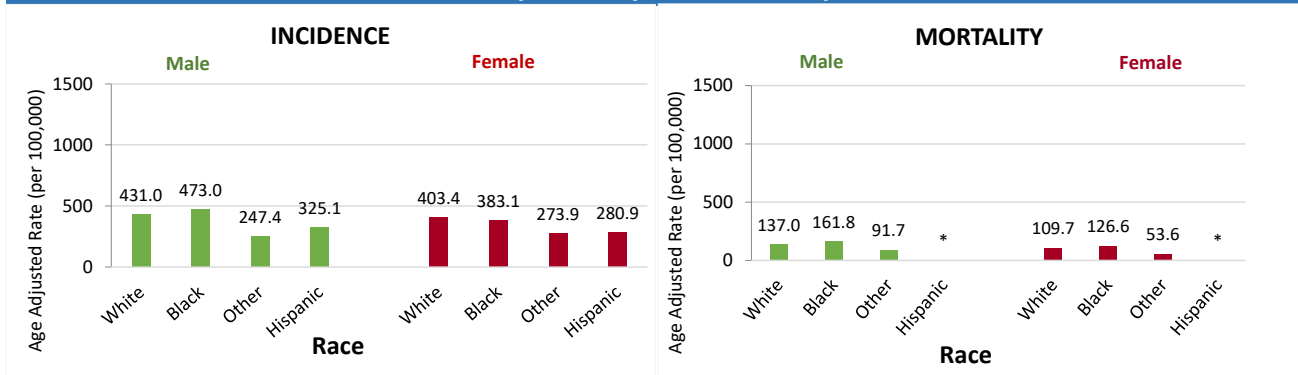
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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.

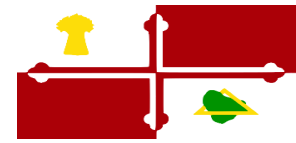
\* Suppressed rates:

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

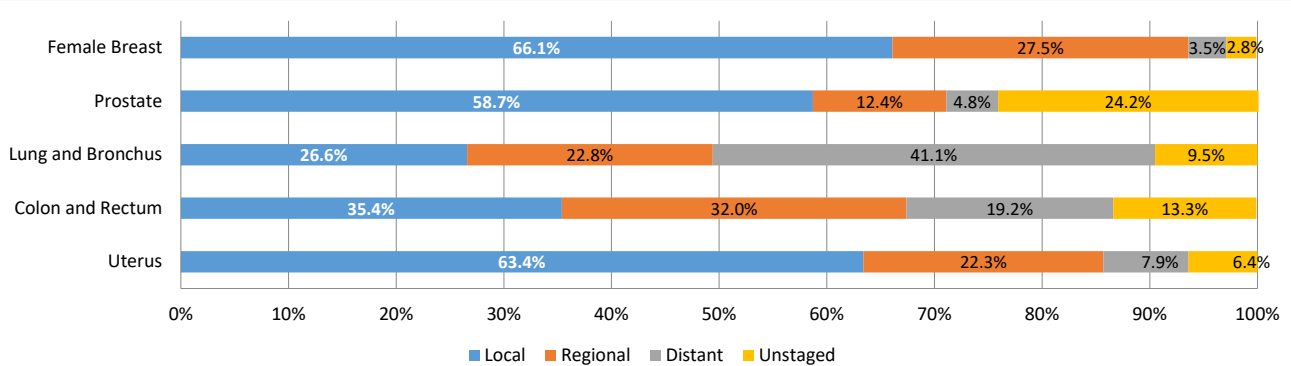
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

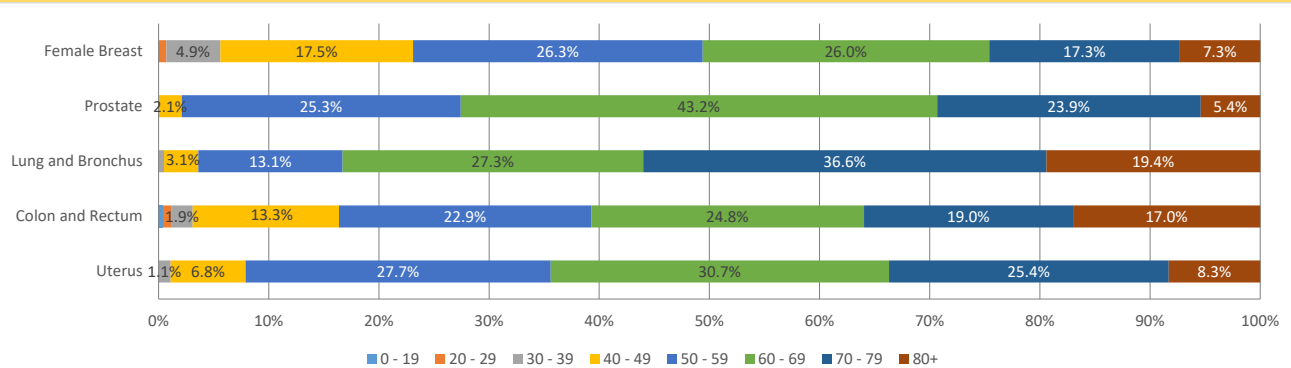
# Howard County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Kent County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

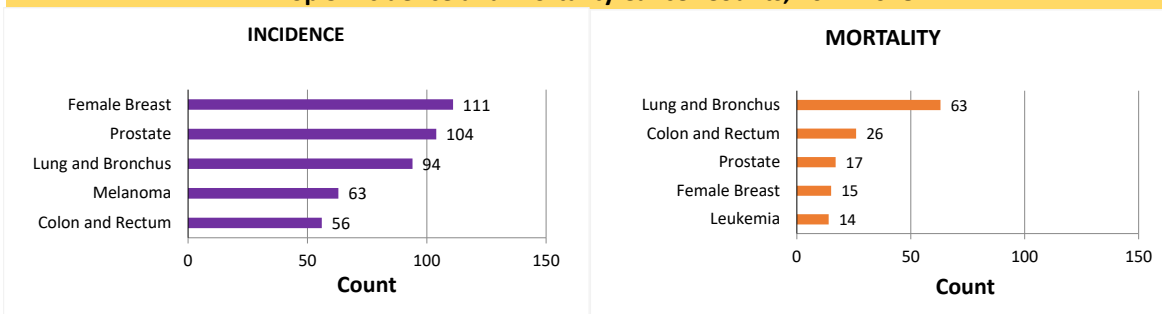
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Kent County were:

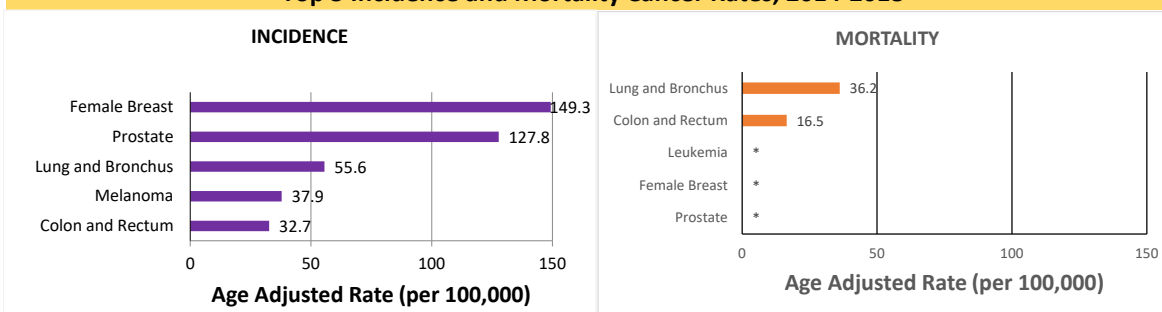
**Incidence:** 155 new cases of all cancer cases

**Mortality:** 49 deaths from cancer

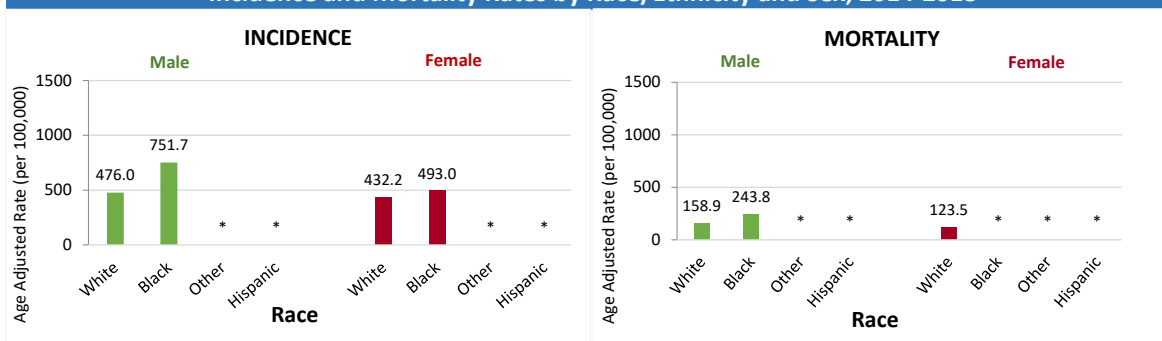
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

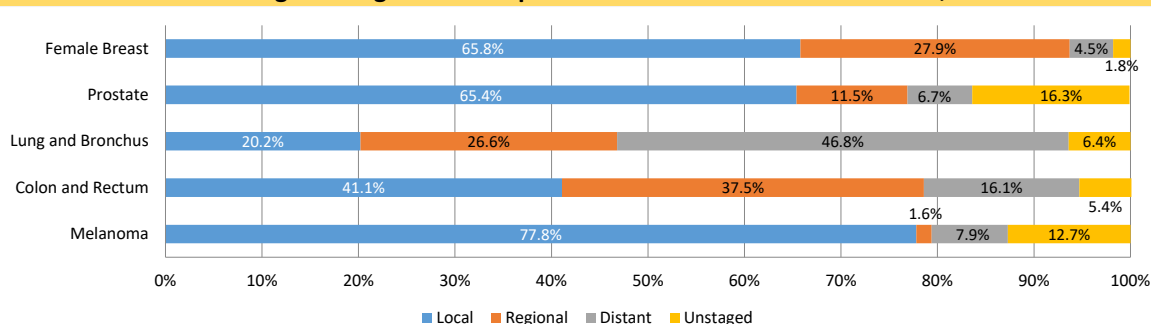
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

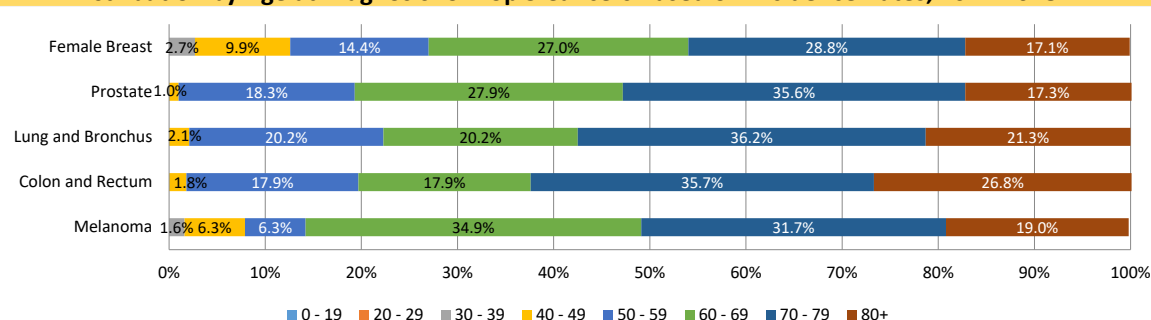
# Kent County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\***

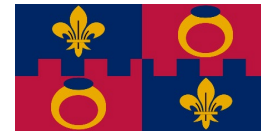


Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Montgomery County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

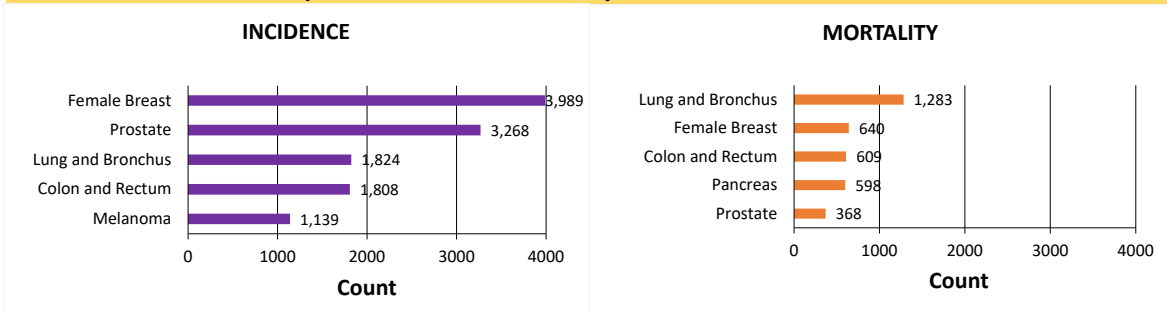
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Montgomery County were:

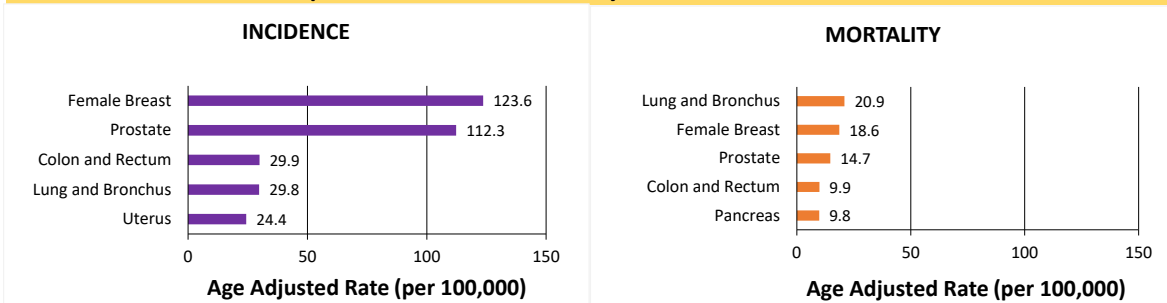
**Incidence:** 4,706 new cases of all cancer cases

**Mortality:** 1,475 deaths from cancer

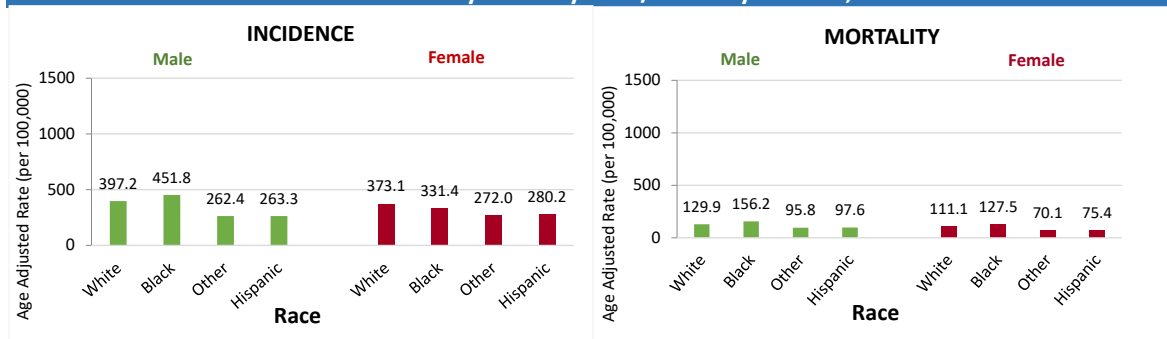
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

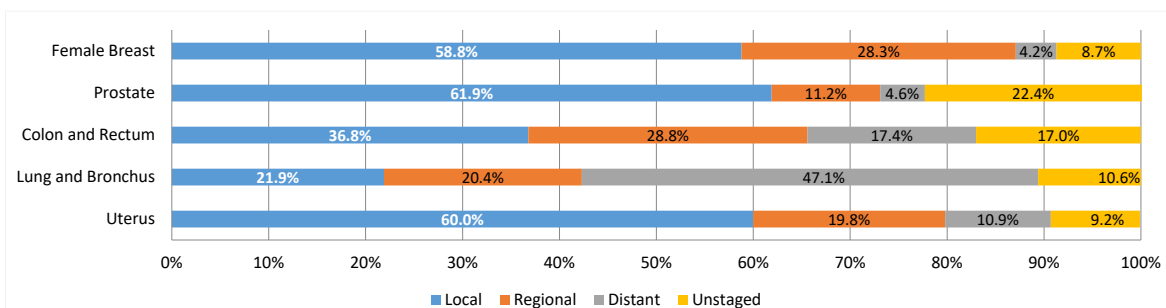
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

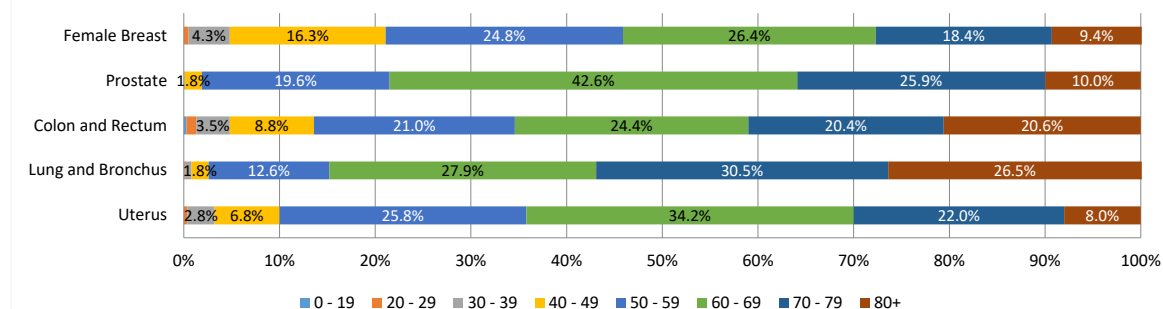
# Montgomery County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



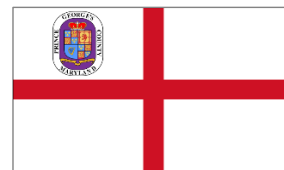
Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



# Prince George's County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

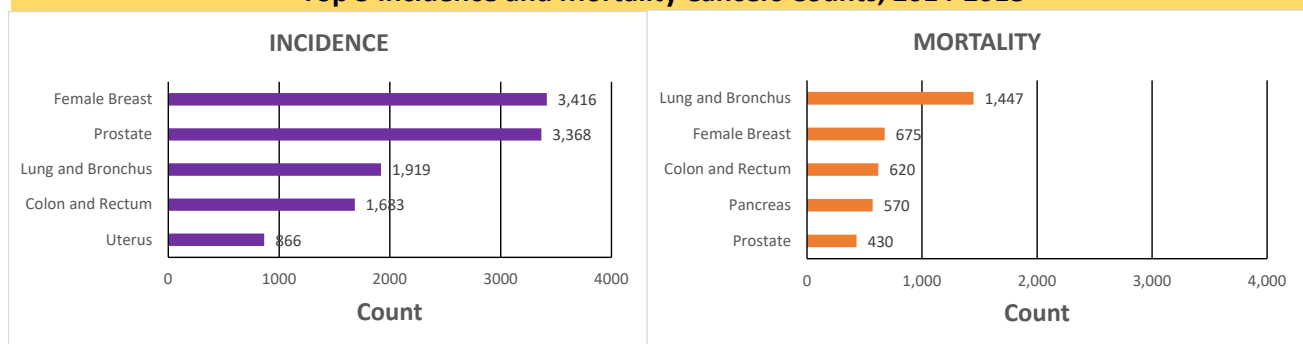
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Prince George's County were:

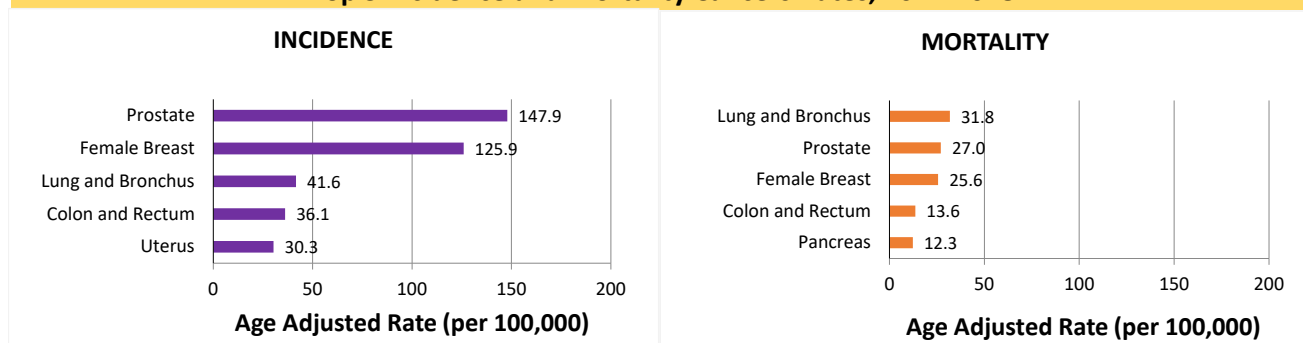
**Incidence:** 4,025 new cases of all cancer cases

**Mortality:** 1,379 deaths from cancer

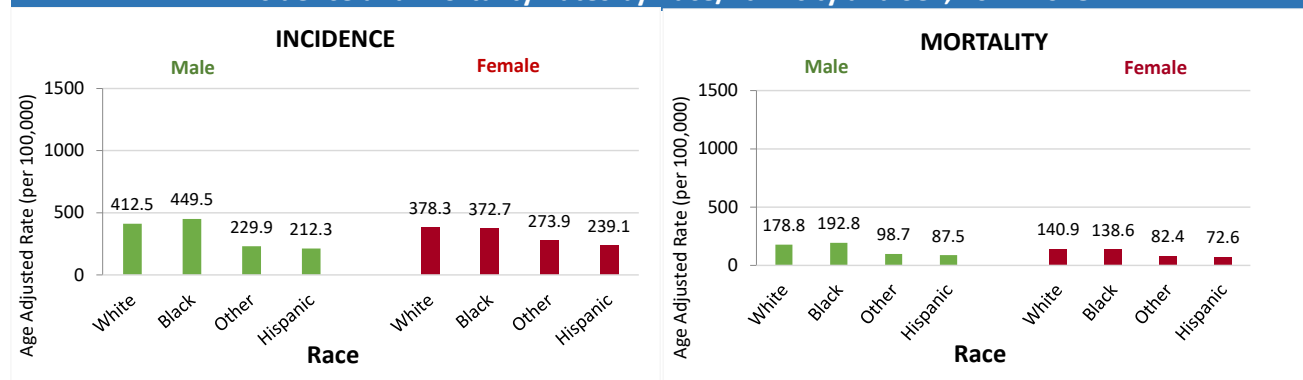
### Top 5 Incidence and Mortality Cancers Counts, 2014-2018



### Top 5 Incidence and Mortality Cancers Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

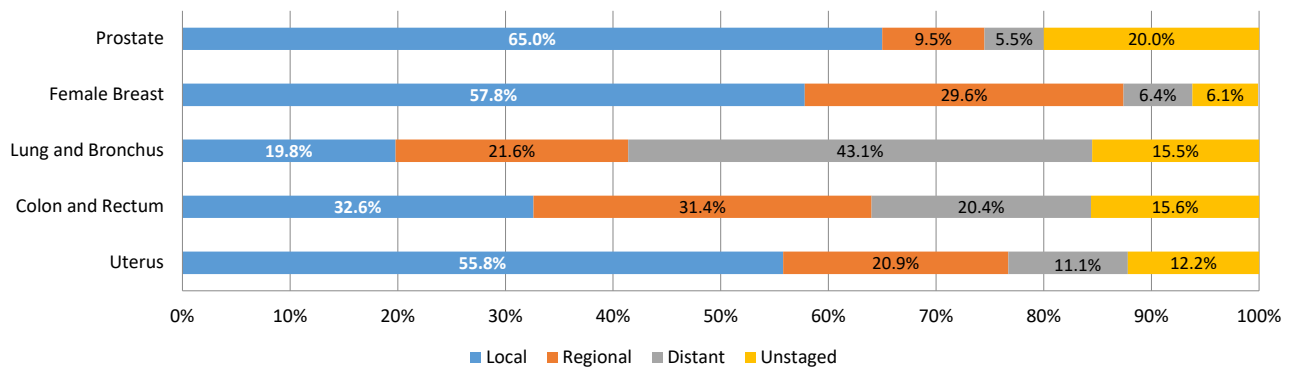
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

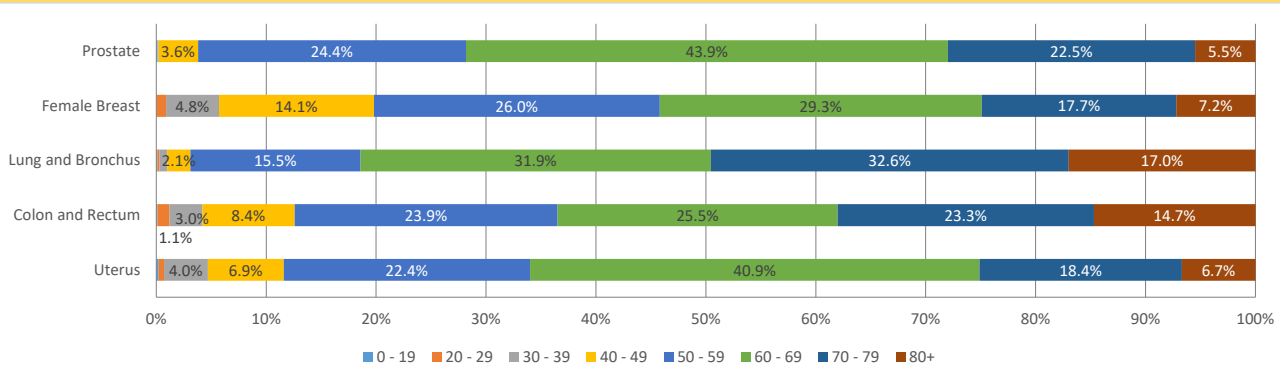
# Prince George's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution of Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Queen Anne's County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

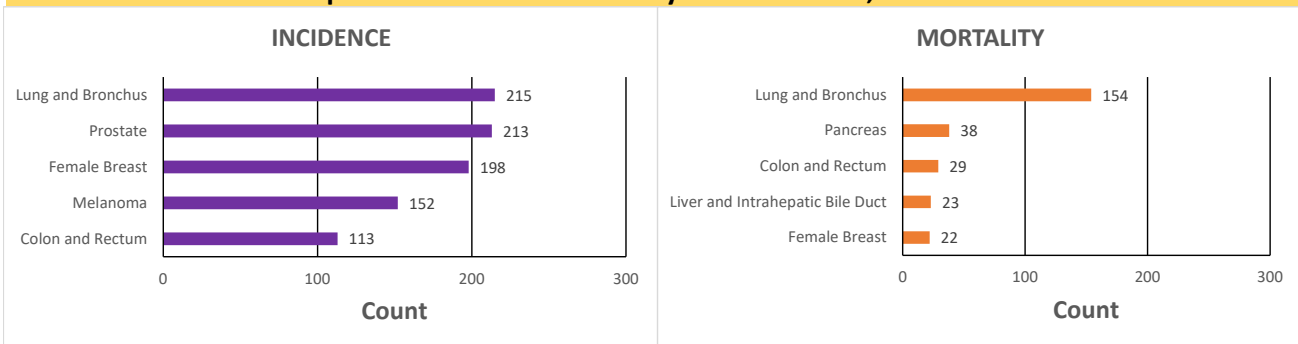
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Queen Anne's County were:

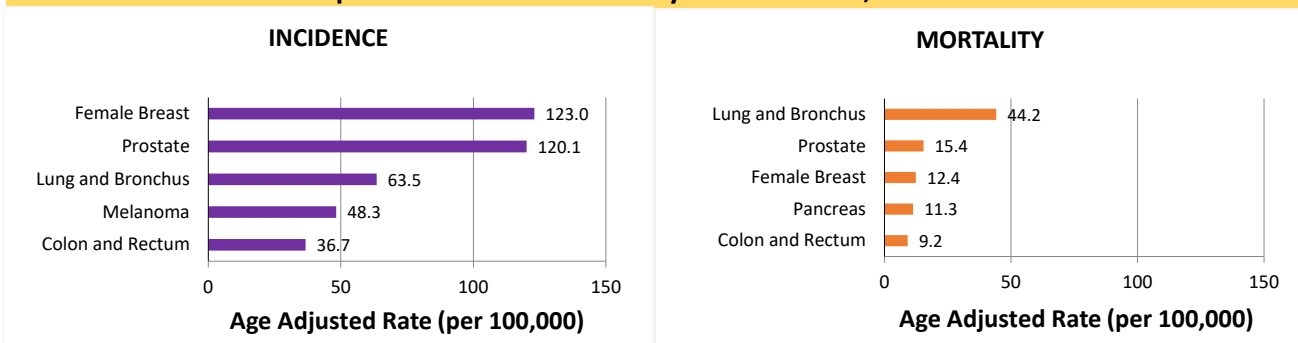
**Incidence:** 317 new cases of all cancer cases

**Mortality:** 102 deaths from cancer

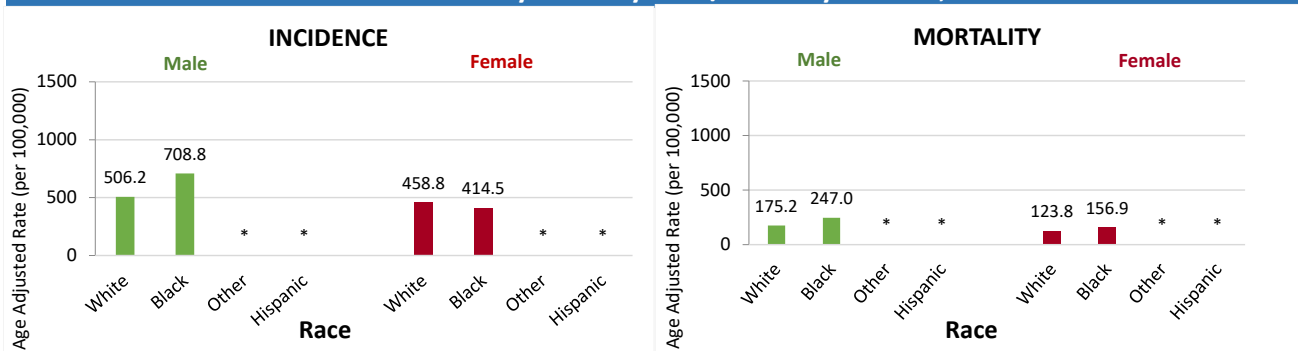
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancers Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

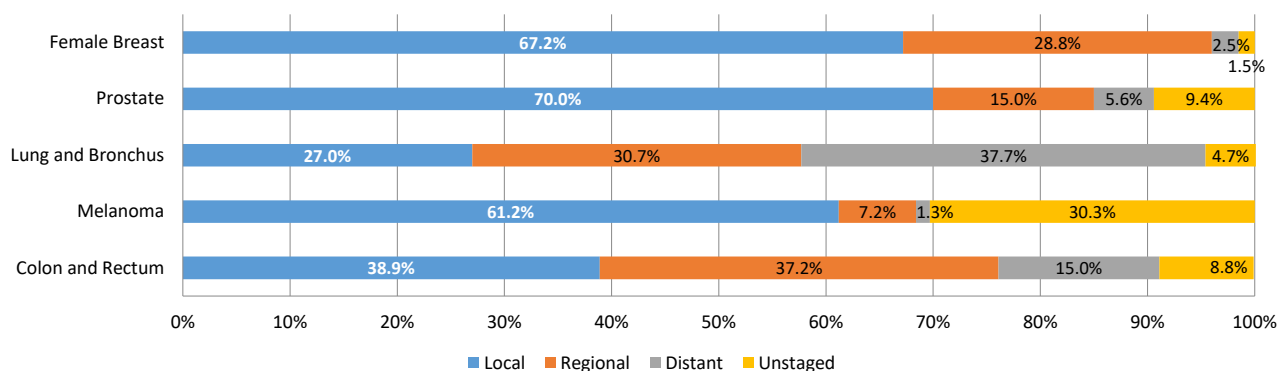
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

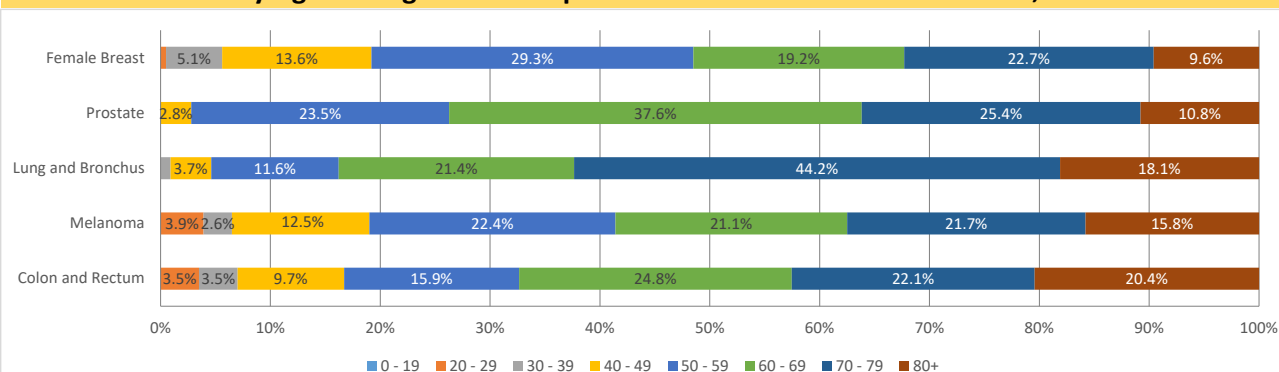
# Queen Anne's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# St. Mary's County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

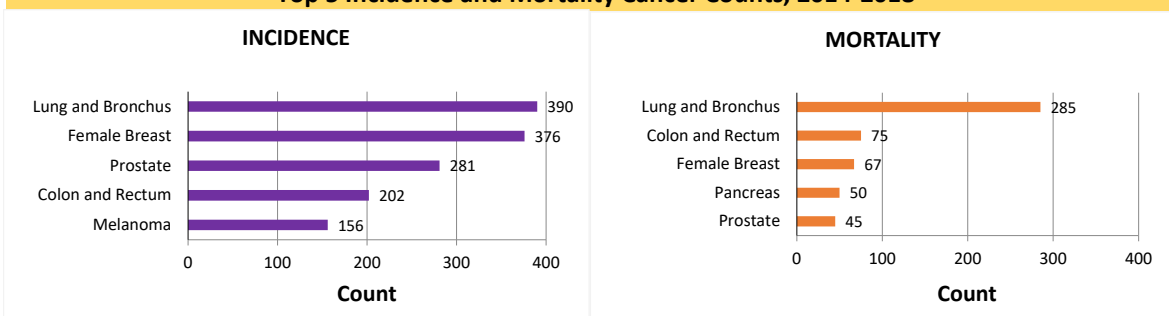
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in St. Mary's County were:

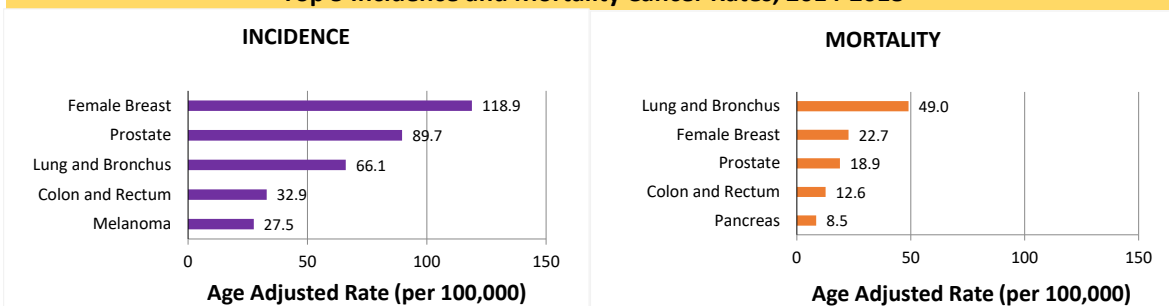
**Incidence:** 570 new cases of all cancer cases

**Mortality:** 203 deaths from cancer

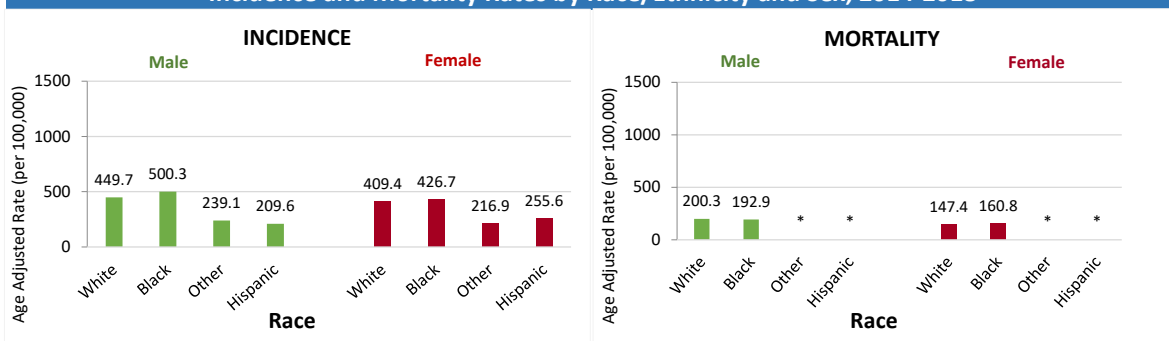
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

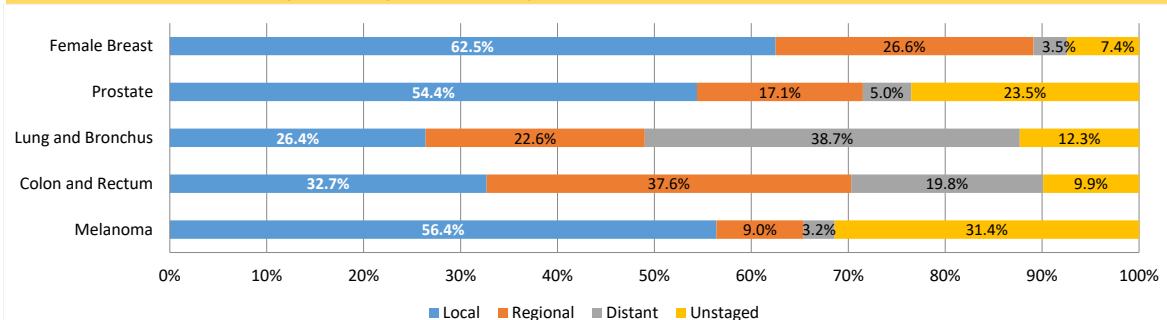
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

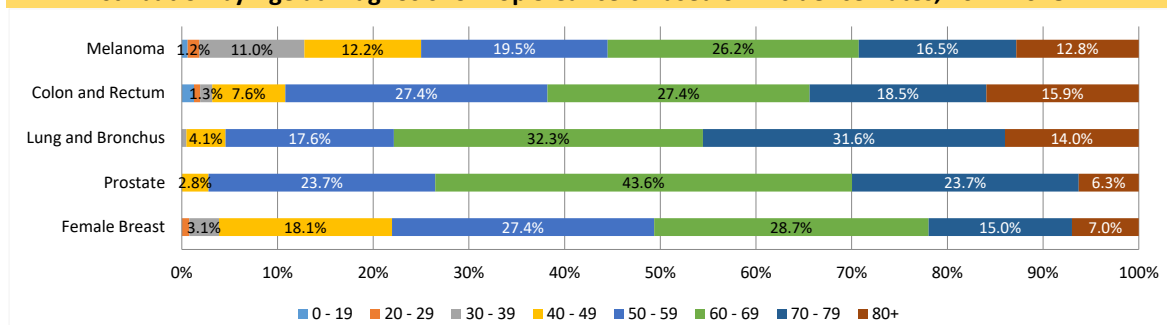
# St. Mary's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

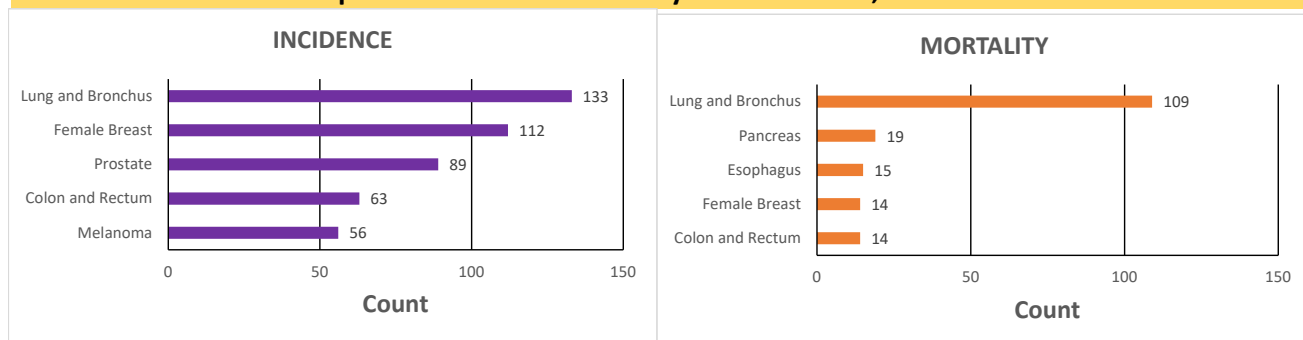
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Somerset County were:

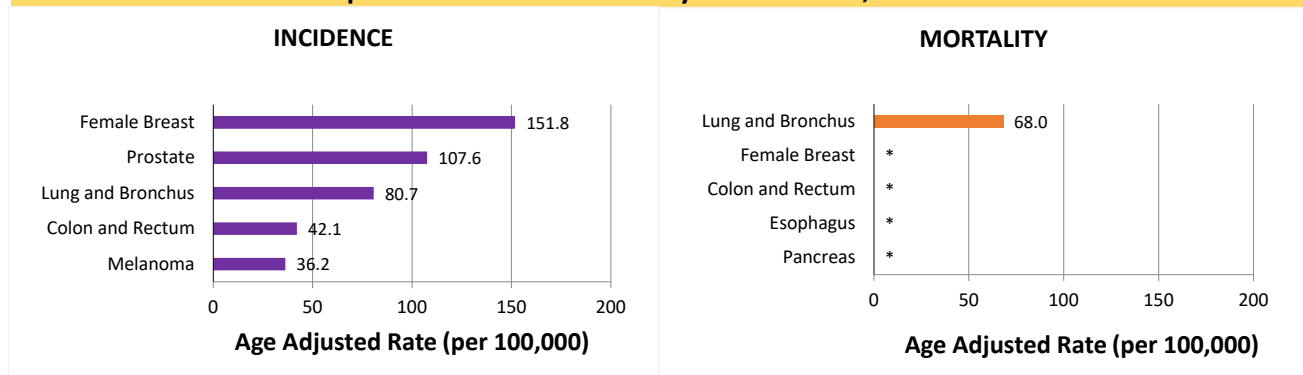
**Incidence:** 161 new cases of all cancer cases

**Mortality:** 71 deaths from cancer

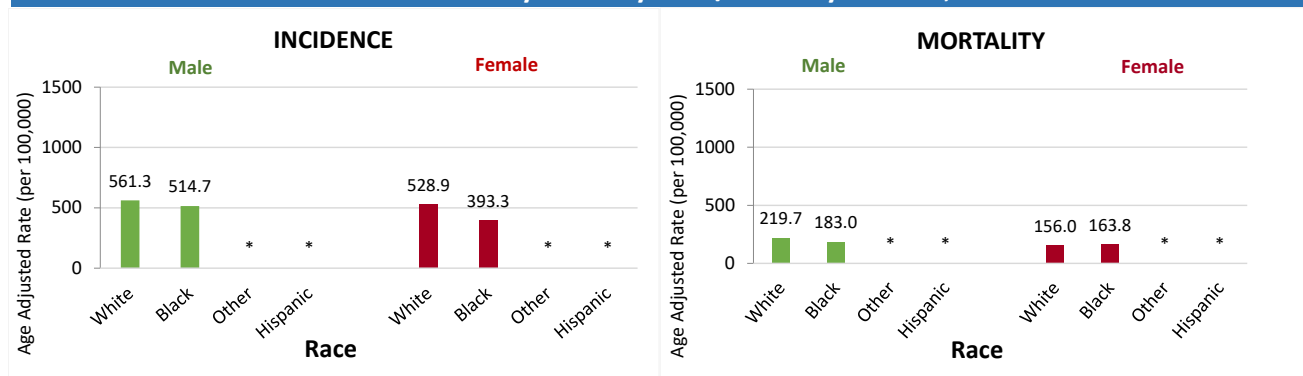
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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

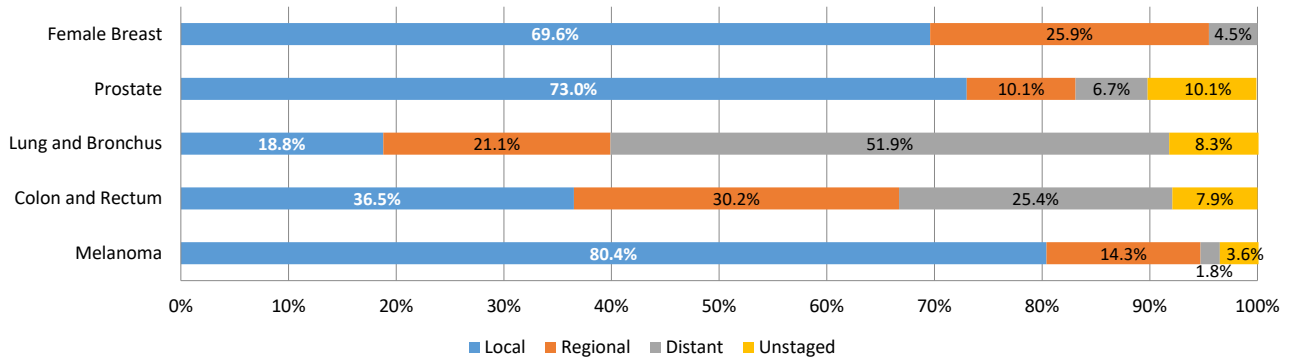
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

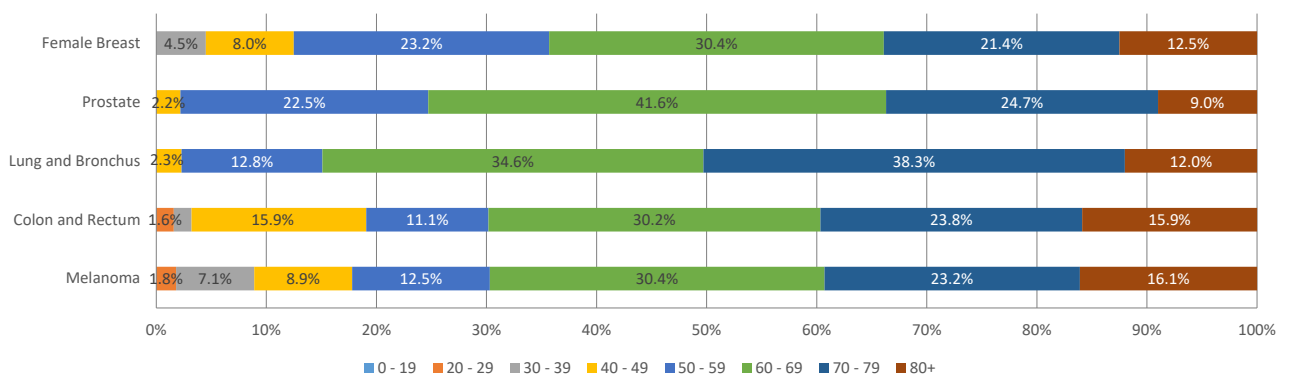
# Somerset County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



# Talbot County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

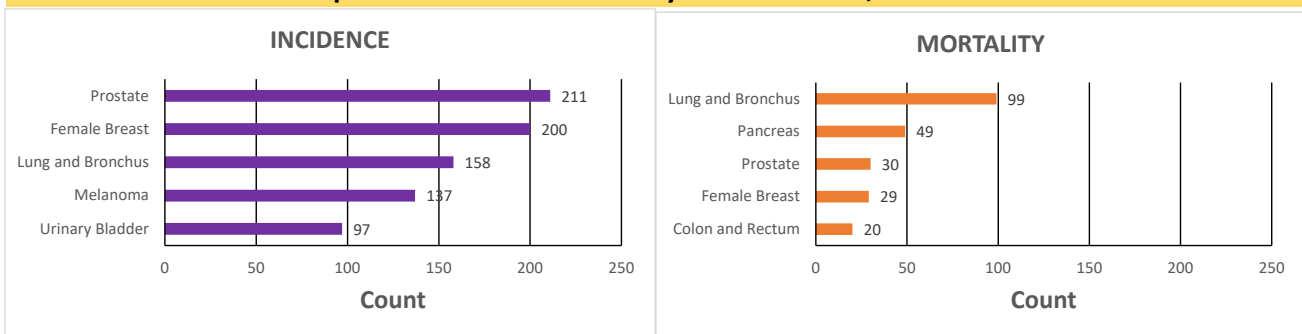
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Talbot County were:

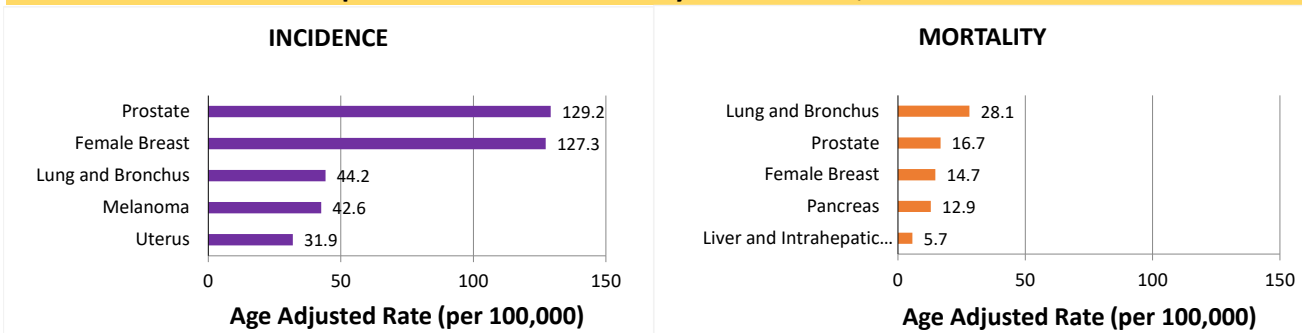
**Incidence:** 308 new cases of all cancer cases

**Mortality:** 101 deaths from cancer

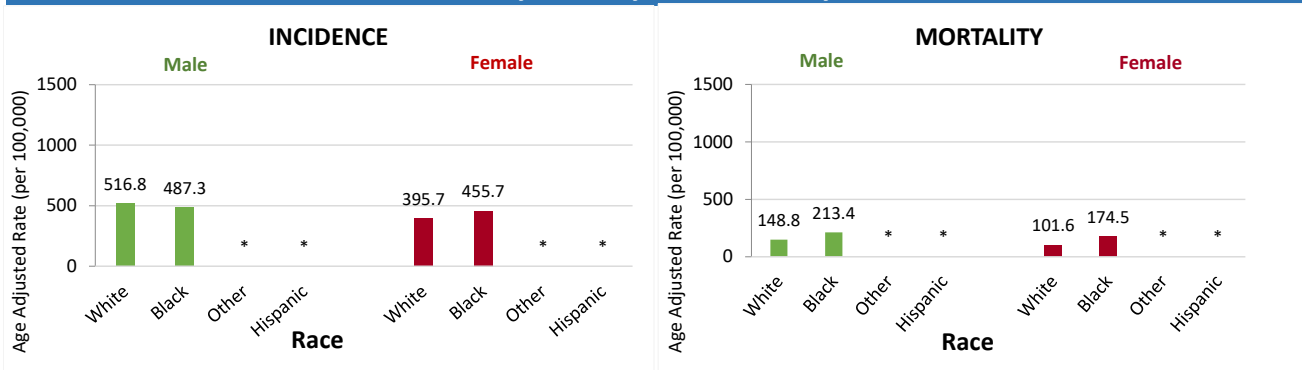
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

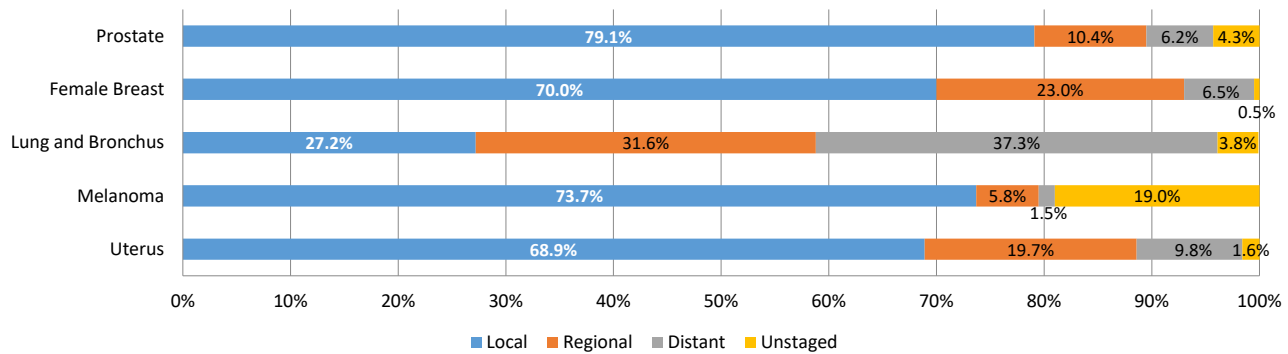
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

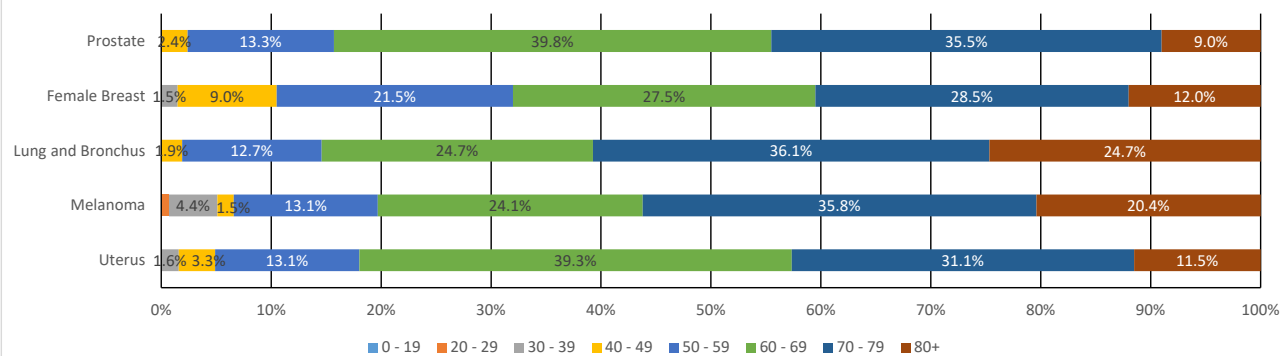
# Talbot County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Washington County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

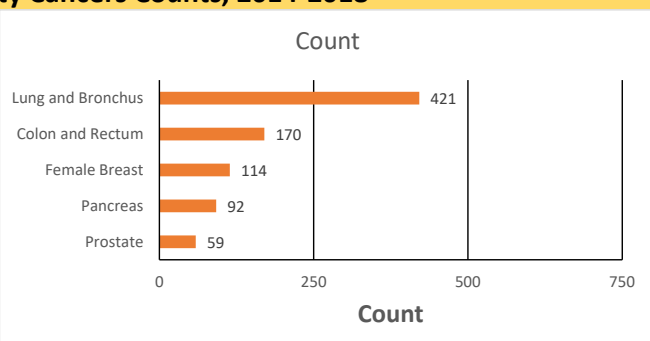
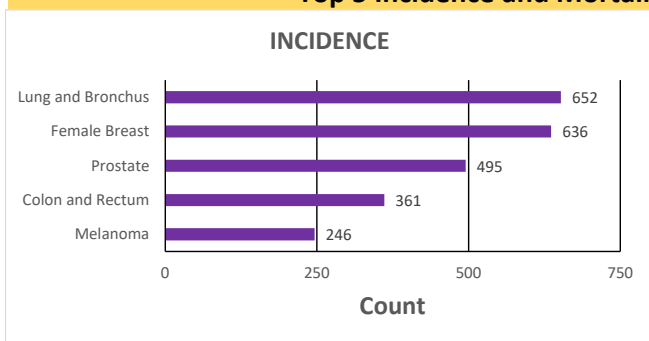
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Washington County were:

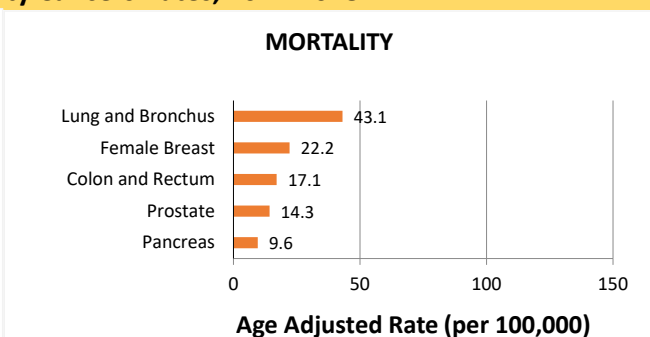
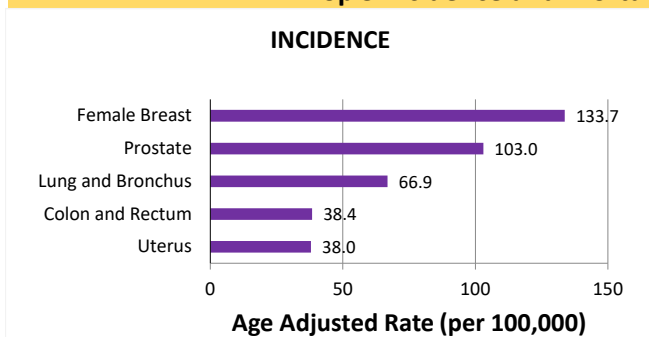
**Incidence:** 925 new cases of all cancer cases

**Mortality:** 339 deaths from cancer

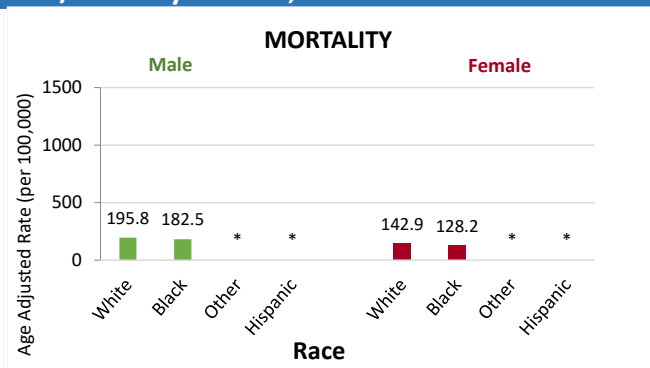
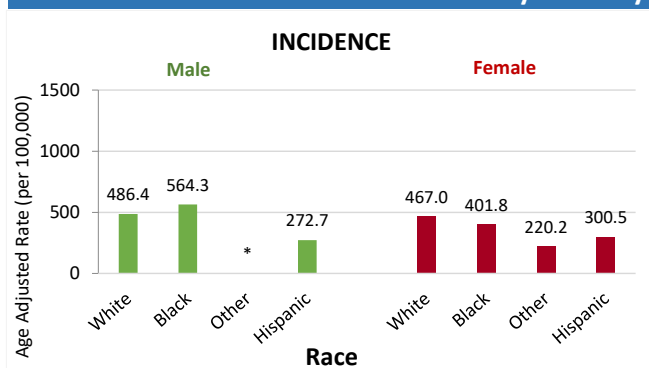
### Top 5 Incidence and Mortality Cancers Counts, 2014-2018



### Top 5 Incidence and Mortality Cancers Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

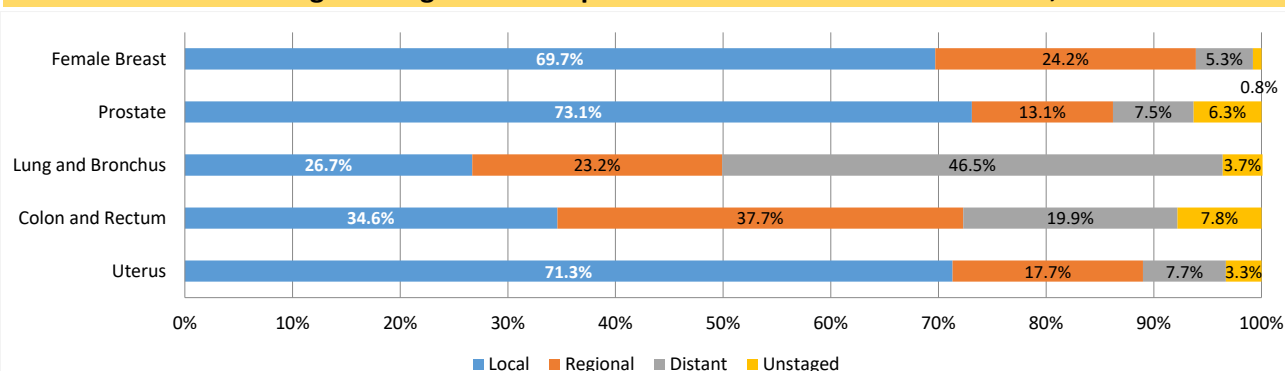
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

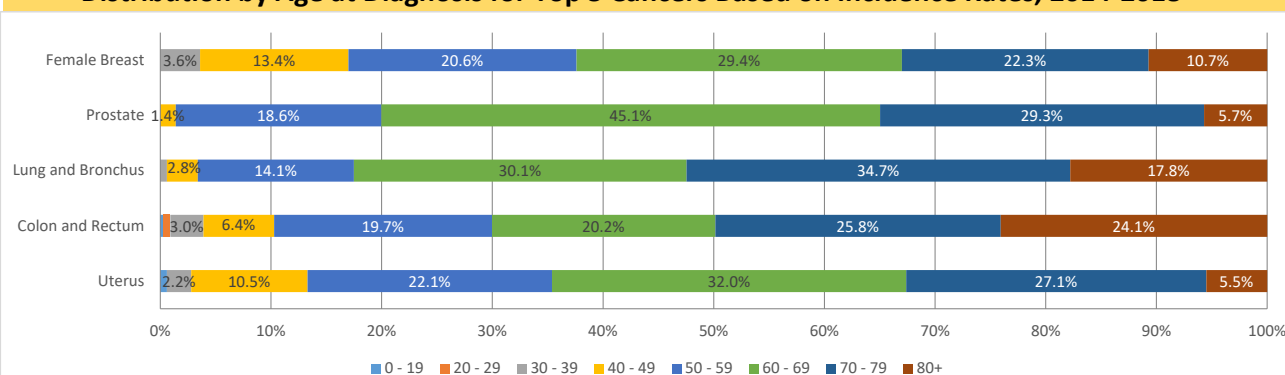
# Washington County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Wicomico County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

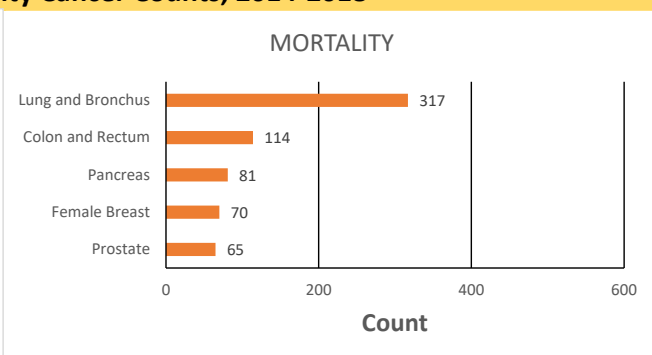
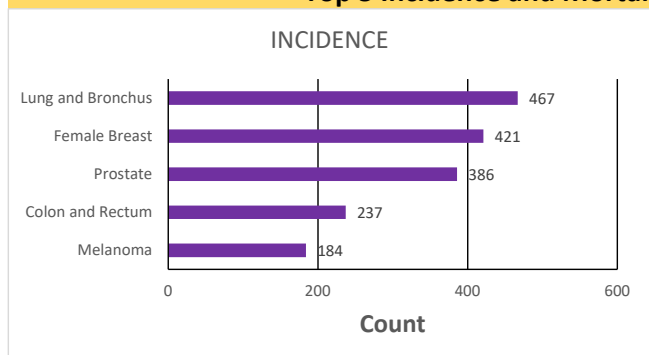
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Wicomico County were:

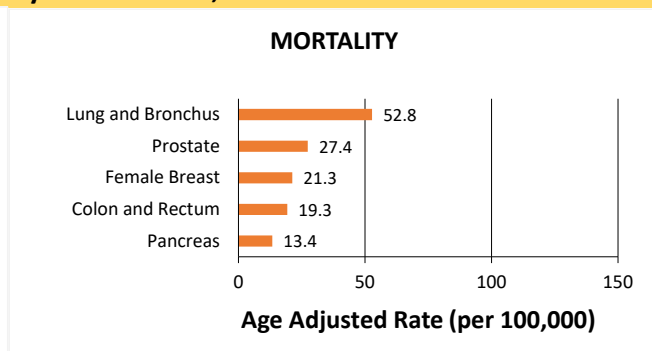
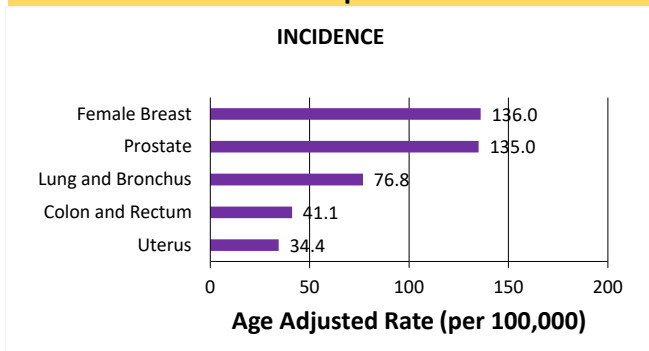
**Incidence:** 596 new cases of all cancer cases

**Mortality:** 239 deaths from cancer

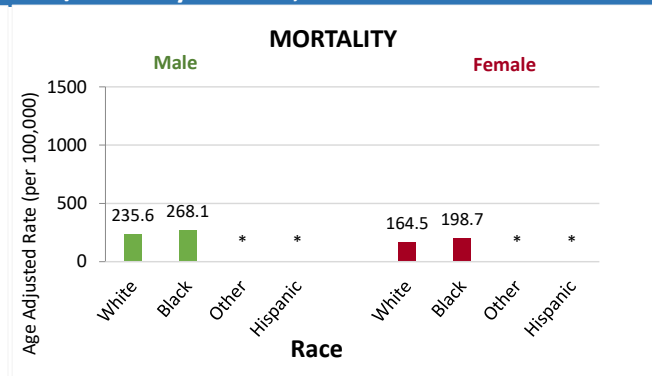
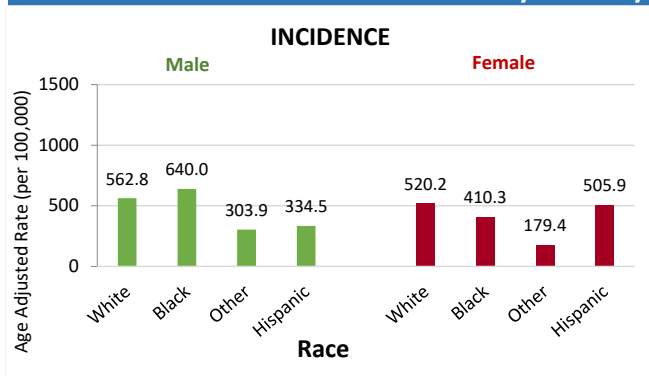
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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.

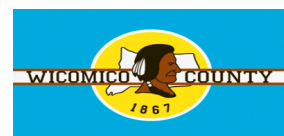
\* Suppressed rates:

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

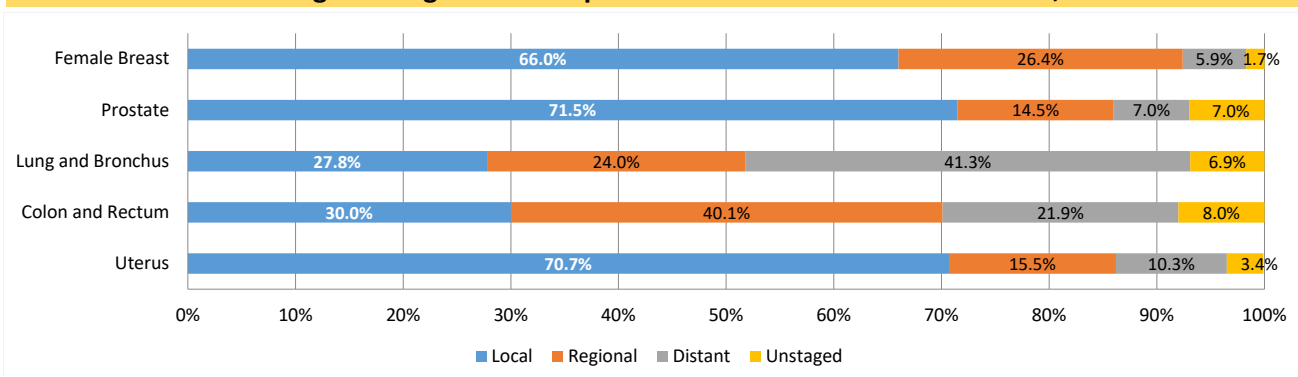
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

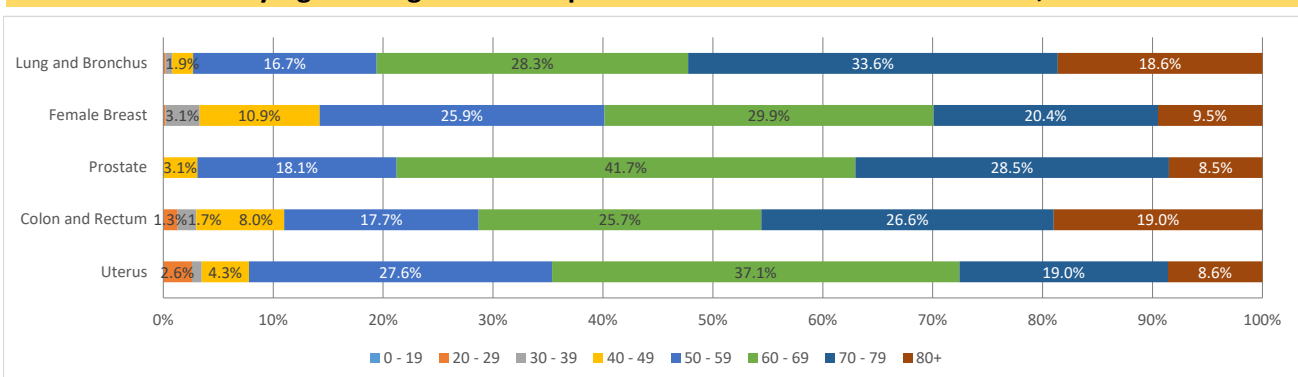
# Wicomico County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.

# Worcester County



## 2018 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

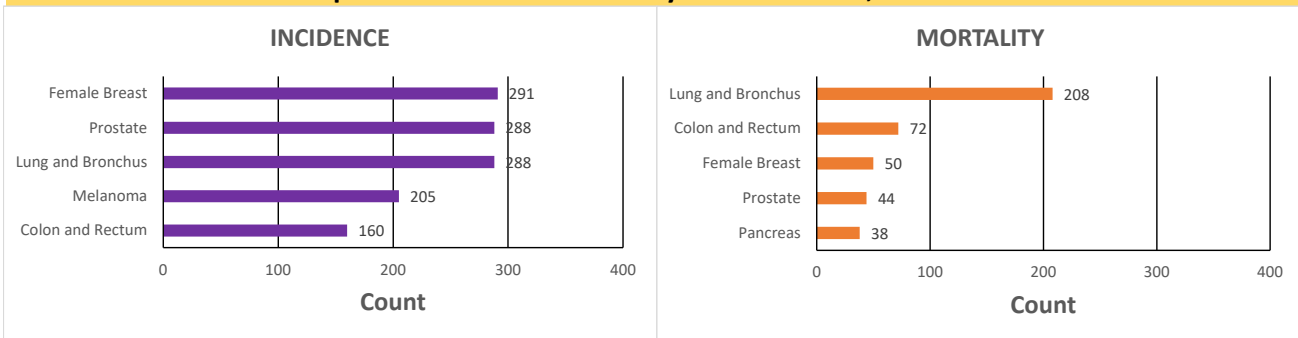
According to the Maryland Cancer Registry, a total of 32,569 Maryland residents were diagnosed with cancer in 2018. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2018, the number of incidence and mortality cases in Worcester County were:

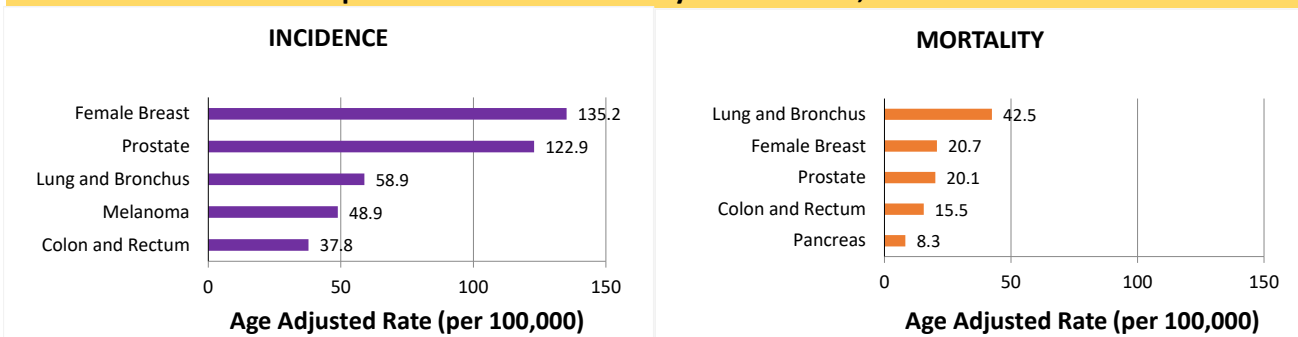
**Incidence:** 464 new cases of all cancer cases

**Mortality:** 153 deaths from cancer

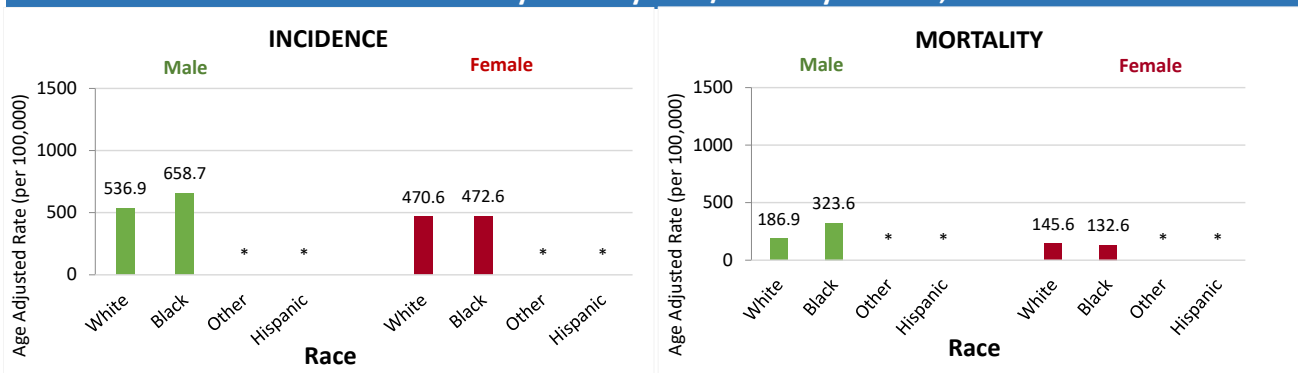
### Top 5 Incidence and Mortality Cancer Counts, 2014-2018



### Top 5 Incidence and Mortality Cancer Rates, 2014-2018



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2014-2018



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 death counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

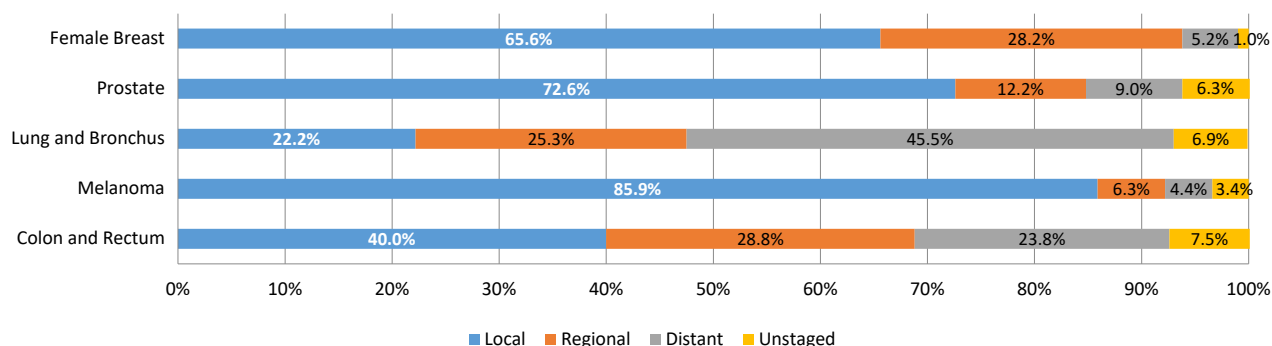
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

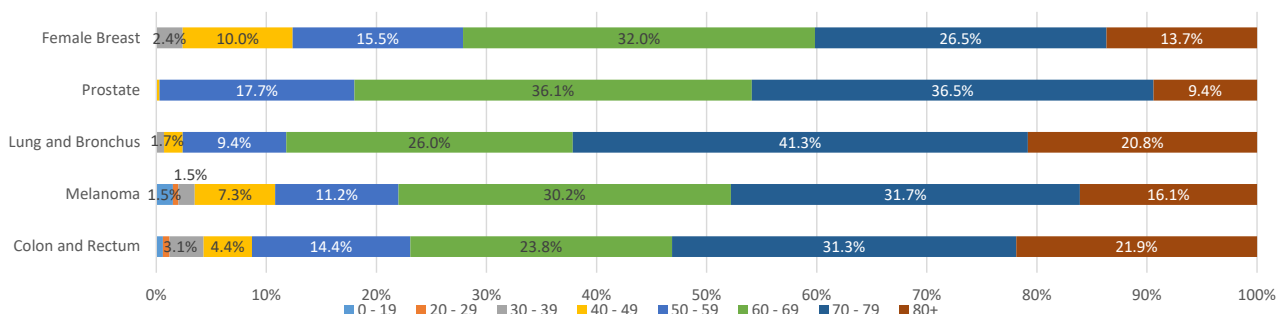
# Worcester County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2014-2018\*\*\*



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.

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

\*\*\* Percentages for distribution by age may not total 100% due to age unknowns, percentages less than 1% not notated.



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## **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 01 year	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 2018. Cancer incidence data are also presented in aggregated form, as the average annual incidence for the 5-year period from 2014 through 2018.
- **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 2018. Cancer mortality data are also presented in an aggregated form, as the average annual mortality for the 5-year period from 2014 through 2018.
- **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.

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