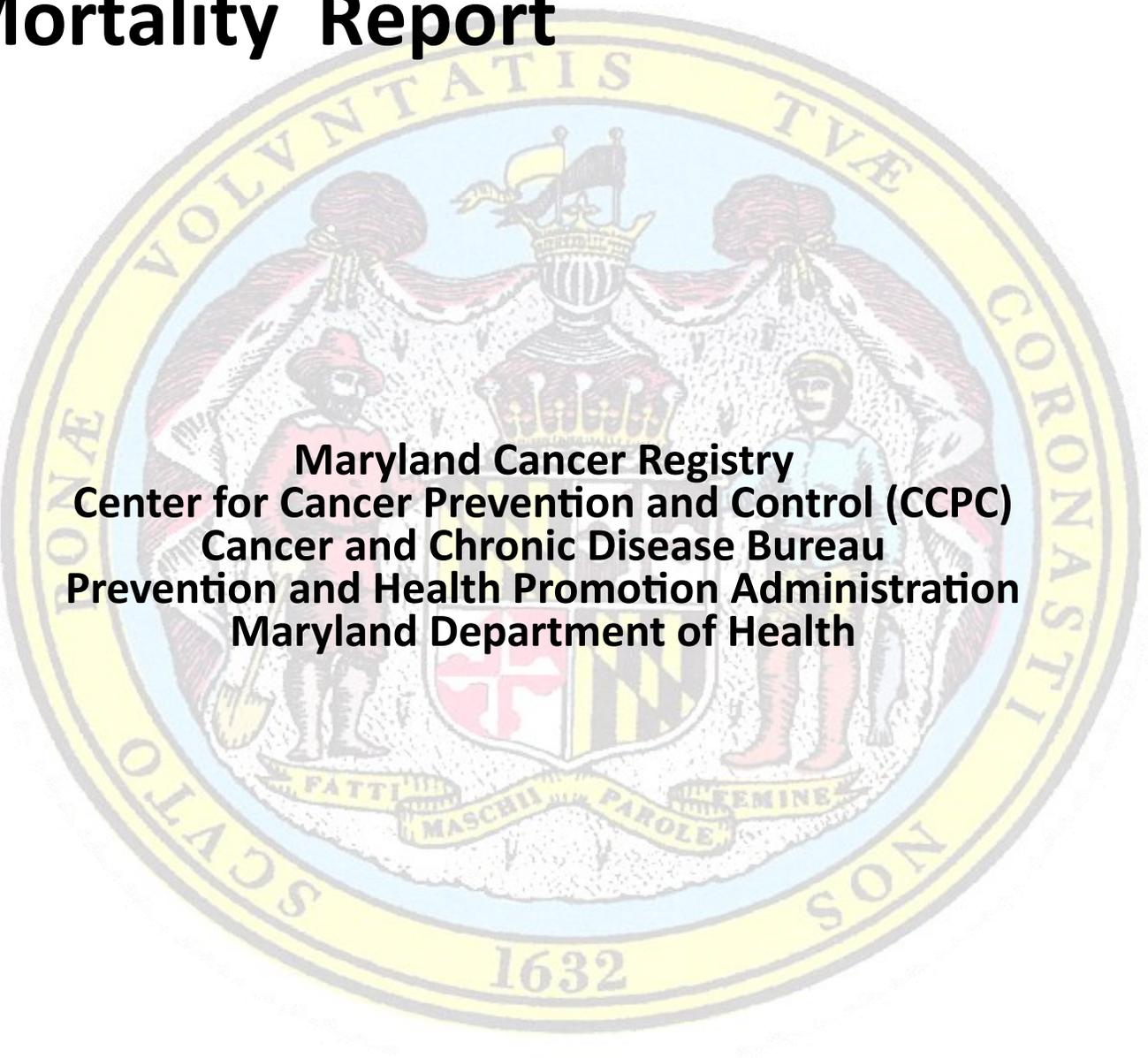


# Cancer in Maryland: 2019 Incidence and Mortality Report

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# **Cancer in Maryland: 2019 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 background and a yellow and black checkered pattern. Above the shield is a crown. Two figures, a man and a woman, stand on either side of the shield, holding up a banner. The banner contains the Latin motto "FATTA EST PAROLE". The outer ring of the seal contains the Latin text "SCITO VOLUNTATIS TVAE CORONASTI NOS" and the year "1632" at the bottom.

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

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

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**Acknowledgements**

This report would not be possible without the support and diligence of tumor registrars at Maryland reporting facilities whose hard work is greatly appreciated.

We would like to thank the following organizations and individuals for their tireless efforts and contributions towards this report:

- Cancer reporting facilities that provide cancer cases to the Maryland Cancer Registry: hospitals, laboratories, ambulatory care facilities, therapeutic radiological centers, physicians, nursing facilities, assisted living programs and general hospice care programs.
- Erica Smith, M.S., Deputy Director, Center for Cancer Prevention and Control, Maryland Department of Health.
- Tyler Adamson, M.P.H., Epidemiology Team Manager, Center for Cancer Prevention and Control, Maryland Department of Health
- Sarah Gierhart, M.S., Senior Epidemiologist, Center for Cancer Prevention and Control, Maryland Department of Health
- Ken Lin Tai, M.D., M.P.H., Director, Center for Cancer Prevention and Control, Maryland Department of Health.
- Maryland Vital Statistics Administration: Monique Wilson, Dr.P.H., Acting Director, and Helen Espitallier, M.S., Data Production Manager.
- The registries of the states of Alabama, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Mississippi, Montana, Nevada, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Utah, Virginia, West Virginia, and the District of Columbia who provide cancer cases of Maryland residents diagnosed and/or treated in their facilities.
- The North American Association of Central Cancer Registries and the Centers for Disease Control and Prevention's National Program of Cancer Registries.
- Myriddian, LLC (MCR Quality Assurance/Database Management Vendor).

# 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>	<b>14</b>
	<b>Table I1:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Incidence Rates, and 95% Confidence Interval by Sex and Race/Ethnicity .....	16
	<b>Table I2:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Incidence Rates, and 95% Confidence Interval by Sex and 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 Interval by Sex and Race/Ethnicity for Females .....	20
	<b>Maryland Cancer Mortality Cases by Selected Site, Race/Ethnicity and Sex.....</b>	<b>22</b>
	<b>Table M1:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Interval by Sex and Race/Ethnicity .....	23
	<b>Table M2:</b> Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Interval by Sex and Race/Ethnicity for Males .....	25

<b>Table M3: Cancer Sites and All Sites Combined for Maryland: Count, Age-Adjusted Mortality Rates, and 95% Confidence Interval by Sex and Race/Ethnicity for Females .....</b>	<b>27</b>
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<b>V. 2019 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 2019 and are presented as age-adjusted rates and number of cancer cases and deaths by sex and race.

### A. Incidence

- A total of 34,365 new cases of invasive cancer were diagnosed among Maryland residents in 2019.
- Most frequently diagnosed cancer by sex:
  - *Males:* **Prostate cancer** was the most frequently diagnosed cancer among Maryland men with a total of 5,575 new cases reported in 2019.
  - *Females:* **Breast cancer** was the most frequently diagnosed cancer among Maryland women with a total of 5,395 new cases reported in 2019.

### B. Mortality

- 10,743 Maryland residents died as a result of any type of cancer in 2019, 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 2,384 **lung and bronchus** cancer deaths in 2019. 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 34,365 Maryland residents were diagnosed with cancer in 2019. 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 2019, approximately 606,880 Americans died of cancer (more than 1,663 people a day), and in Maryland, 10,743 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 2019. 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, 2017, 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 2022, 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 2019 (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 2019 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 *2019 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 **46** Maryland hospitals, **9** radiation treatment centers, **35** laboratories, **57** ambulatory surgery centers, **84** physicians, and central cancer registries from **38** 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, 2019 and December 31, 2019. (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 2019 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*

<b>ICD-O-3 Codes Used to Derive Incidence Data</b>			<b>ICD-10 Codes Used to Derive Mortality Data</b>
<b>Site</b>	<b>Incidence Topography (Site)</b>	<b>Incidence Histology</b>	<b>CDC WONDER Site Selections</b>
All sites	C00.0-C80.9	Includes all invasive cancers of all sites except basal and squamous cell skin cancers; includes in situ cancer of the urinary bladder	C00.0-C97, D09.0
Brain and Other Nervous System	C70.0-C72.9	Excludes codes 9050-9055, 9140, and 9590-9989	C70.0-C72.9
Cervix	C53.0-C53.9	Excludes codes 9050-9055, 9140, and 9590-9989	C53.0-C53.9
Colon and Rectum	C18.0-C20.9, C26.0	Excludes codes 9050-9055, 9140, and 9590-9989	C18.0-C20.9, C26.0
Corpus and Uterus NOS	C54.0-54.9, C55.9	Excludes codes 9050-9055, 9140, and 9590-9989	C54.0-C54.9, C55
Esophagus	C15.0-C15.9	Excludes codes 9050-9055, 9140, and 9590-9989	C15.0-C15.9
Female Breast	C50.0-C50.9	Excludes codes 9050-9055, 9140, and 9590-9989	C50.0-C50.9
Hodgkins Lymphoma	C 00.0-C80.9	Includes codes 9650-9667	C81.0-C81.9
Kidney and Renal Pelvis	C64.9, C65.9	Excludes codes 9050-9055, 9140, and 9590-9989	C64.1-C64.9, C65.1-C64.9
Larynx	C32.0-C32.9	Excludes codes 9050-9055, 9140, and 9590-9989	C32.0-C32.9

<b>Site</b>	<b>Incidence Topography (Site)</b>	<b>Incidence Histology</b>	<b>CDC WONDER Site Selections</b>
Leukemia	C00.0-C80.9	Includes codes 9733, 9742, 9800, 9801, 9805, 9820, 9826, 9831-9837, 9840, 9860, 9861, 9863, 9866, 9867, 9870-9876, 9891, 9895-9897, 9910, 9920, 9930, 9931, 9940, 9945, 9946, 9948, 9963, 9964	C91.0-C91.9, C92.0-C92.9, C93.0-C93.9, C94.0-C94.7, C95.0-C95.9
	C42.0, C42.1, C42.4	Includes codes 9823, 9827	
Liver and Intrahepatic Bile Duct	C22.0, C22.1	Excludes codes 9050-9055, 9140, and 9590-9989	C22.0-C22.9
Lung and Bronchus	C34.0-C34.9	Excludes codes 9050-9055, 9140, and 9590-9989	C34.0-C34.9
Multiple Myeloma	C42.1, C42.0, C42.4	Includes codes 9731-9732, 9734	C90.0
Myeloma			C88.0-C88.3, 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 2019, MCR's incidence data received NAACCR gold certification for all measures, indicating that data submitted were at least 95% complete. MCR's 2015-2019 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 2019 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 2019 counts of incidence and mortality for all cancer sites, 2015-2019 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 (2015-2019). 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 2019 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.

2019

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 Sex and Race/Ethnicity

	All Sexes*** 2019											
	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	34,365	462.8	457.8	467.8	22,666	468.0	461.8	474.4	9,649	458.3	449.0	467.9
Brain and Other Central Nervous System	457	6.7	6.1	7.4	325	7.4	6.6	8.3	94	4.7	3.8	5.8
Cervix	225	6.6	5.8	7.6	126	6.5	5.3	7.8	86	7.6	6.0	9.4
Colon and Rectum	2,608	35.7	34.3	37.1	1,683	35.7	34.0	37.5	748	36.0	33.4	38.7
Esophagus	300	3.9	3.5	4.4	241	4.8	4.2	5.4	50	2.3	1.7	3.1
Female Breast (Malignant Only)	5,395	139.8	136.0	143.7	3,394	140.3	135.4	145.3	1,605	136.1	129.4	143.1
Hodgkin Lymphoma	178	2.9	2.5	3.4	107	2.9	2.4	3.5	56	2.9	2.2	3.8
Kidney and Renal Pelvis	1,237	16.9	15.9	17.9	786	16.6	15.5	17.9	401	19.0	17.2	21.1
Larynx	218	2.8	2.4	3.2	137	2.7	2.2	3.2	74	3.4	2.6	4.3
Leukemia	855	12.2	11.4	13.0	576	12.5	11.5	13.6	218	11.2	9.8	12.9
Liver and Intrahepatic Bile Duct	676	8.6	7.9	9.3	394	7.7	6.9	8.5	237	10.3	9.0	11.7
Lung and Bronchus	3,923	51.2	49.6	52.9	2,725	53.2	51.2	55.2	1,037	50.4	47.3	53.7
Melanoma	1,954	27.0	25.8	28.2	1,902	40.7	38.9	42.7	17	0.9	0.5	1.4
Multiple Myeloma	598	8.0	7.4	8.7	308	6.2	5.5	6.9	262	12.8	11.2	14.5
Myelodysplastic Syndrome	242	3.3	2.9	3.8	191	3.8	3.3	4.4	38	2.1	1.5	2.9
Non-Hodgkin Lymphoma	1,260	17.4	16.5	18.4	874	18.2	17.0	19.5	301	14.7	13.1	16.5
Oral Cavity and Pharynx	832	11.0	10.2	11.7	621	12.4	11.4	13.4	154	7.4	6.3	8.8
Ovary	391	9.9	9.0	11.0	247	10.1	8.8	11.5	106	8.5	7.0	10.4
Pancreas	1,018	13.5	12.7	14.4	653	13.0	12.0	14.0	322	15.6	13.9	17.5
Prostate	5,575	152.2	148.1	156.3	3,187	128.0	123.5	132.6	2,068	218.1	208.3	228.2
Stomach	509	7.0	6.4	7.6	278	5.6	5.0	6.4	180	9.1	7.8	10.6
Testis	101	3.5	2.9	4.3	70	4.1	3.1	5.1	13	**	**	**
Thyroid	801	12.4	11.5	13.3	547	13.9	12.7	15.2	165	8.3	7.1	9.7
Urinary Bladder	1,134	15.1	14.2	16.0	840	16.5	15.4	17.7	241	12.3	10.7	14.0
Uterus	1,176	28.2	26.6	29.9	744	28.6	26.5	30.8	369	29.0	26.0	32.2

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

\*\*\*All Sexes 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 04, 2022 Maryland Cancer Registry

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

	All Sexes*** 2019							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	1,409	280.7	266.0	296.0	1,269	320.8	301.4	340.9
Brain and Other Central Nervous System	21	4.2	2.6	6.5	31	6.1	3.9	8.9
Cervix	<6	**	**	**	31	11.3	7.6	16.3
Colon and Rectum	137	27.2	22.7	32.2	102	23.9	19.0	29.5
Esophagus	6	**	**	**	6	**	**	**
Female Breast (Malignant Only)	318	112.3	100.2	125.6	212	100.4	86.5	115.7
Hodgkin Lymphoma	9	**	**	**	16	2.7	1.5	4.6
Kidney and Renal Pelvis	30	5.7	3.8	8.2	50	11.8	8.5	16.0
Larynx	6	**	**	**	6	**	**	**
Leukemia	33	6.6	4.5	9.4	42	8.9	6.1	12.4
Liver and Intrahepatic Bile Duct	34	7.1	4.9	10.0	29	8.0	5.1	11.7
Lung and Bronchus	140	28.5	23.9	33.7	69	22.0	16.7	28.3
Melanoma	<6	**	**	**	19	5.3	3.0	8.4
Multiple Myeloma	18	3.7	2.2	5.8	26	6.1	3.8	9.3
Myelodysplastic Syndrome	9	**	**	**	10	**	**	**
Non-Hodgkin Lymphoma	60	12.1	9.2	15.6	55	16.1	11.7	21.4
Oral Cavity and Pharynx	44	8.8	6.3	11.8	20	5.8	3.3	9.1
Ovary	30	11.0	7.4	15.7	15	**	**	**
Pancreas	29	6.1	4.1	8.8	32	9.6	6.3	13.9
Prostate	163	70.1	59.5	82.0	159	101.2	84.1	120.3
Stomach	38	7.9	5.6	10.9	44	12.8	8.9	17.5
Testis	7	**	**	**	19	5.4	3.2	8.8
Thyroid	68	13.5	10.4	17.1	71	13.3	10.1	17.1
Urinary Bladder	45	9.5	6.9	12.7	21	6.6	4.0	10.3
Uterus	41	14.6	10.4	19.9	69	31.0	23.7	39.6

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

\*\*\*All Sexes 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 04, 2022 Maryland Cancer Registry

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

	Male 2019											
	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	17,297	507.4	499.7	515.3	11,554	502.1	492.7	511.6	4,806	539.9	523.9	556.3
Brain and Other Central Nervous System	268	8.5	7.5	9.6	188	9.1	7.8	10.6	56	6.0	4.5	7.9
Colon and Rectum	1,281	38.7	36.5	40.9	841	38.2	35.6	41.0	350	40.9	36.5	45.6
Esophagus	215	6.3	5.5	7.2	180	7.8	6.7	9.0	28	3.3	2.1	4.9
Hodgkin Lymphoma	110	3.7	3.0	4.5	69	3.7	2.9	4.7	31	3.4	2.3	4.9
Kidney and Renal Pelvis	776	22.9	21.2	24.6	514	22.9	20.9	25.1	239	26.0	22.7	29.7
Larynx	166	4.7	4.0	5.5	106	4.4	3.6	5.4	54	6.3	4.6	8.3
Leukemia	498	15.8	14.5	17.3	341	16.1	14.4	18.0	120	14.8	12.2	17.9
Liver and Intrahepatic Bile Duct	460	12.8	11.6	14.0	263	10.9	9.6	12.4	165	16.8	14.2	19.7
Lung and Bronchus	1,871	55.6	53.1	58.3	1,293	55.6	52.5	58.8	493	60.2	54.6	66.1
Melanoma	1,172	35.9	33.8	38.0	1,147	51.5	48.5	54.6	8	**	**	**
Multiple Myeloma	306	9.2	8.2	10.3	168	7.4	6.3	8.6	128	15.3	12.7	18.4
Myelodysplastic Syndrome	122	4.0	3.3	4.8	98	4.5	3.6	5.5	19	2.9	1.7	4.5
Non-Hodgkin Lymphoma	717	22.1	20.5	23.8	515	23.3	21.3	25.5	158	17.7	14.9	20.8
Oral Cavity and Pharynx	597	16.9	15.6	18.4	453	18.9	17.1	20.7	108	12.2	9.9	14.8
Pancreas	504	14.8	13.5	16.2	332	14.4	12.8	16.1	152	17.3	14.5	20.4
Prostate	5,575	152.2	148.1	156.3	3,187	128.0	123.5	132.6	2,068	218.1	208.3	228.2
Stomach	276	8.4	7.4	9.4	171	7.5	6.4	8.7	78	9.4	7.3	11.8
Testis	101	3.5	2.9	4.3	70	4.1	3.1	5.1	13	**	**	**
Thyroid	212	6.7	5.8	7.7	157	7.8	6.6	9.2	33	3.7	2.5	5.3
Urinary Bladder	809	25.3	23.5	27.1	619	27.5	25.4	29.9	151	20.0	16.7	23.7

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

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

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

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

Source: Data as of March 04, 2022 Maryland Cancer Registry

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

	Male 2019							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	610	271.9	250.3	294.8	544	314.9	284.7	347.1
Brain and Other Central Nervous System	13	**	**	**	16	6.0	3.0	10.7
Colon and Rectum	71	30.8	23.9	39.0	49	23.5	16.5	32.2
Esophagus	<6	**	**	**	<6	**	**	**
Hodgkin Lymphoma	8	**	**	**	9	**	**	**
Kidney and Renal Pelvis	17	7.1	4.1	11.4	27	15.5	9.4	23.6
Larynx	<6	**	**	**	<6	**	**	**
Leukemia	23	9.9	6.2	14.9	23	12.7	7.2	20.3
Liver and Intrahepatic Bile Duct	25	11.5	7.4	17.1	19	10.3	5.7	17.0
Lung and Bronchus	72	32.7	25.4	41.3	33	24.4	15.9	35.2
Melanoma	<6	**	**	**	11	**	**	**
Multiple Myeloma	9	**	**	**	12	**	**	**
Myelodysplastic Syndrome	<6	**	**	**	<6	**	**	**
Non-Hodgkin Lymphoma	32	14.7	10.0	20.9	26	17.4	10.4	26.7
Oral Cavity and Pharynx	28	12.2	8.0	17.7	12	**	**	**
Pancreas	14	**	**	**	16	11.0	5.8	18.3
Prostate	163	70.1	59.5	82.0	159	101.2	84.1	120.3
Stomach	20	9.4	5.7	14.6	24	13.6	8.0	21.1
Testis	7	**	**	**	19	5.4	3.2	8.8
Thyroid	19	7.9	4.7	12.4	6	**	**	**
Urinary Bladder	33	16.2	11.1	22.8	16	10.4	5.6	17.4

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

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

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

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

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

Source: Data as of March 04, 2022 Maryland Cancer Registry

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

	Female 2019											
	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	17,063	432.6	425.9	439.4	11,108	446.0	437.4	454.8	4,842	406.9	395.3	418.9
Brain and Other Central Nervous System	189	5.2	4.5	6.0	137	6.0	5.0	7.2	38	3.6	2.5	5.0
Cervix	225	6.6	5.8	7.6	126	6.5	5.3	7.8	86	7.6	6.0	9.4
Colon and Rectum	1,327	33.3	31.4	35.2	842	33.4	31.1	35.9	398	33.0	29.8	36.5
Esophagus	84	1.9	1.5	2.4	61	2.1	1.6	2.8	21	1.6	1.0	2.6
Female Breast (Malignant Only)	5,395	139.8	136.0	143.7	3,394	140.3	135.4	145.3	1,605	136.1	129.4	143.1
Hodgkin Lymphoma	68	2.3	1.7	2.9	38	2.2	1.5	3.0	25	2.4	1.6	3.6
Kidney and Renal Pelvis	461	11.9	10.8	13.0	272	11.1	9.8	12.6	162	13.9	11.8	16.3
Larynx	52	1.3	0.9	1.7	31	1.3	0.9	1.8	s	1.5	0.9	2.3
Leukemia	357	9.4	8.4	10.4	235	9.7	8.4	11.1	98	8.8	7.1	10.8
Liver and Intrahepatic Bile Duct	216	5.1	4.4	5.9	131	4.8	4.0	5.7	72	5.6	4.4	7.1
Lung and Bronchus	2,050	48.1	46.0	50.2	1,430	51.5	48.8	54.3	544	44.5	40.7	48.5
Melanoma	782	20.7	19.2	22.3	755	32.9	30.5	35.5	9	**	**	**
Multiple Myeloma	292	7.1	6.3	8.0	140	5.1	4.3	6.1	134	11.2	9.3	13.3
Myelodysplastic Syndrome	120	2.9	2.4	3.5	93	3.3	2.6	4.1	19	1.7	1.0	2.6
Non-Hodgkin Lymphoma	543	13.7	12.6	15.0	359	14.1	12.6	15.7	143	12.4	10.4	14.7
Oral Cavity and Pharynx	234	5.9	5.2	6.7	167	6.5	5.5	7.6	46	4.0	2.9	5.4
Ovary	391	9.9	9.0	11.0	247	10.1	8.8	11.5	106	8.5	7.0	10.4
Pancreas	514	12.4	11.3	13.5	321	11.7	10.4	13.1	170	14.4	12.2	16.8
Stomach	233	5.9	5.1	6.7	107	4.1	3.3	5.0	102	8.8	7.2	10.8
Thyroid	589	17.8	16.3	19.3	390	20.1	18.0	22.3	132	12.2	10.1	14.5
Urinary Bladder	325	7.7	6.8	8.6	221	7.9	6.9	9.1	90	7.6	6.1	9.5
Uterus	1,176	28.2	26.6	29.9	744	28.6	26.5	30.8	369	29.0	26.0	32.2

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

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

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

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

Source: Data as of March 04, 2022 Maryland Cancer Registry

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

	Female 2019							
	Other****				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	799	291.1	271.1	312.3	725	336.6	310.9	363.8
Brain and Other Central Nervous System	8	**	**	**	15	**	**	**
Cervix	<6	**	**	**	31	11.3	7.6	16.3
Colon and Rectum	66	24.4	18.8	31.1	53	24.3	17.8	32.2
Esophagus	<6	**	**	**	<6	**	**	**
Female Breast (Malignant Only)	318	112.3	100.2	125.6	212	100.4	86.5	115.7
Hodgkin Lymphoma	<6	**	**	**	7	**	**	**
Kidney and Renal Pelvis	13	**	**	**	23	9.6	5.9	14.7
Larynx	<6	**	**	**	<6	**	**	**
Leukemia	10	**	**	**	19	6.6	3.9	10.5
Liver and Intrahepatic Bile Duct	9	**	**	**	10	**	**	**
Lung and Bronchus	68	25.2	19.5	32.1	36	20.2	13.8	28.1
Melanoma	<6	**	**	**	8	**	**	**
Multiple Myeloma	9	**	**	**	14	**	**	**
Myelodysplastic Syndrome	<6	**	**	**	7	**	**	**
Non-Hodgkin Lymphoma	28	9.9	6.6	14.5	29	15.5	10.1	22.6
Oral Cavity and Pharynx	16	**	**	**	8	**	**	**
Ovary	30	**	**	**	15	**	**	**
Pancreas	15	**	**	**	16	8.7	4.7	14.3
Stomach	18	6.7	3.9	10.7	20	11.8	7.0	18.5
Thyroid	49	18.6	13.7	24.6	65	23.7	18.1	30.5
Urinary Bladder	12	**	**	**	<6	**	**	**
Uterus	41	14.6	10.4	19.9	69	31.0	23.7	39.6

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

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

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

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

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

Source: Data as of March 04, 2022 Maryland Cancer Registry

2019

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 Sex and Race/Ethnicity

	Both Sexes 2019											
	*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	10,743	144.4	141.6	147.2	7,210	144.4	141.0	147.8	3,155	158.7	153.0	164.4
Brain and Other Central Nervous System	270	3.7	3.3	4.2	210	4.4	3.8	5.0	s	2.7	2.0	3.6
Cervix	82	2.2	1.8	2.8	45	2.0	1.5	2.8	s	2.9	2.0	4.1
Colon and Rectum	967	13.1	12.3	13.9	612	12.5	11.5	13.5	318	15.8	14.0	17.5
Esophagus	301	4.0	3.5	4.4	249	4.9	4.3	5.6	s	2.2	1.6	3.0
Female Breast (Malignant Only)	789	19.4	18.1	20.8	476	17.9	16.2	19.6	289	24.7	21.8	27.6
Hodgkin Lymphoma	11	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	252	3.4	3.0	3.8	179	3.5	3.0	4.0	s	3.5	2.7	4.4
Larynx	77	1.0	0.8	1.3	50	1.0	0.7	1.3	s	1.2	0.7	1.7
Leukemia	432	5.9	5.3	6.5	321	6.5	5.8	7.2	89	4.6	3.7	5.7
Liver and Intrahepatic Bile Duct	478	6.3	5.7	6.8	277	5.5	4.8	6.1	175	8.4	7.1	9.6
Lung and Bronchus	2,384	31.7	30.4	33.0	1,711	33.8	32.2	35.4	603	30.3	27.8	32.8
Melanoma	143	1.9	1.6	2.2	140	2.8	2.3	3.2	<10	**	**	**
Multiple Myeloma	279	3.8	3.3	4.2	160	3.2	2.7	3.7	s	5.8	4.7	6.9
Non-Hodgkin Lymphoma	331	4.6	4.1	5.1	254	5.2	4.5	5.8	58	3.0	2.3	3.9
Oral Cavity and Pharynx	182	2.4	2.1	2.8	119	2.4	1.9	2.8	51	2.5	1.9	3.3
Ovary	249	5.9	5.1	6.6	175	6.3	5.3	7.2	61	5.1	3.9	6.6
Pancreas	855	11.3	10.6	12.1	545	10.8	9.9	11.7	286	13.9	12.2	15.5
Prostate	623	20.7	19.1	22.4	346	16.2	14.5	18.0	263	39.0	34.0	44.0
Stomach	210	2.8	2.4	3.2	116	2.4	1.9	2.8	79	3.9	3.0	4.9
Urinary Bladder	320	4.4	3.9	4.9	233	4.6	4.0	5.2	72	3.8	3.0	4.9
Uterus	241	5.7	5.0	6.5	116	4.3	3.5	5.1	108	8.6	6.9	10.3

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

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

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

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

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

Source: CDC Wonder as of February 15, 2022

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

	Both Sexes 2019							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	378	77.0	69.1	84.9	247	71.6	61.8	81.4
Brain and Other Central Nervous System	<10	**	**	**	14	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	37	7.4	5.2	10.2	17	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	24	8.3	5.3	12.4	17	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	22	4.5	2.8	7.0	11	**	**	**
Liver and Intrahepatic Bile Duct	26	5.5	3.5	8.1	16	**	**	**
Lung and Bronchus	70	14.4	11.2	18.3	19	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	19	**	**	**	11	**	**	**
Oral Cavity and Pharynx	12	**	**	**	<10	**	**	**
Ovary	13	**	**	**	14	**	**	**
Pancreas	24	4.8	3.1	7.3	22	7.7	4.7	11.9
Prostate	14	**	**	**	13	**	**	**
Stomach	15	**	**	**	26	7.3	4.5	11.2
Urinary Bladder	15	**	**	**	<10	**	**	**
Uterus	17	**	**	**	<10	**	**	**

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

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

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

Source: CDC Wonder as of February 15, 2022

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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 2019											
	*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	5,422	169.0	164.4	173.6	3,694	166.6	161.2	172.1	1,548	197.9	187.5	208.4
Brain and Other Central Nervous System	152	4.7	3.9	5.5	120	5.6	4.5	6.6	s	3.2	2.1	4.6
Colon and Rectum	473	14.6	13.3	16.0	286	13.1	11.5	14.6	166	20.0	16.8	23.2
Esophagus	242	7.3	6.3	8.2	208	9.1	7.8	10.3	s	3.7	2.4	5.4
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	165	5.1	4.3	5.9	117	5.2	4.3	6.2	s	5.7	4.1	7.8
Larynx	56	1.7	1.3	2.2	35	1.5	1.0	2.1	s	**	**	**
Leukemia	263	8.4	7.4	9.4	200	9.2	7.9	10.5	s	6.0	4.3	8.0
Liver and Intrahepatic Bile Duct	329	9.6	8.5	10.7	197	8.5	7.3	9.7	117	13.4	10.9	16.0
Lung and Bronchus	1,159	35.5	33.4	37.6	812	35.8	33.3	38.3	313	39.8	35.2	44.5
Melanoma	99	3.2	2.6	3.9	98	4.4	3.6	5.4	<10	**	**	**
Multiple Myeloma	137	4.4	3.6	5.1	81	3.7	2.9	4.6	s	7.4	5.5	9.8
Non-Hodgkin Lymphoma	184	6.0	5.1	6.9	141	6.6	5.5	7.7	30	4.0	2.6	5.8
Oral Cavity and Pharynx	124	3.7	3.0	4.3	82	3.6	2.8	4.5	s	3.9	2.6	5.5
Pancreas	428	12.8	11.6	14.1	282	12.5	11.0	14.0	134	15.0	12.3	17.6
Prostate	623	20.7	19.1	22.4	346	16.2	14.5	18.0	263	39.0	34.0	44.0
Stomach	119	3.6	2.9	4.2	70	3.1	2.4	4.0	s	5.3	3.8	7.3
Urinary Bladder	215	7.2	6.2	8.2	160	7.6	6.4	8.8	45	6.5	4.6	8.8

\*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.

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

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

Source: CDC Wonder as of February 15, 2022

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 2019							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	180	84.2	71.6	96.8	110	71.4	55.9	86.9
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Colon and Rectum	21	9.3	5.7	14.4	<10	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	s	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	15	**	**	**	s	**	**	**
Lung and Bronchus	34	15.5	10.6	21.9	s	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	s	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Pancreas	12	**	**	**	11	**	**	**
Prostate	14	**	**	**	13	**	**	**
Stomach	<10	**	**	**	12	**	**	**
Urinary Bladder	s	**	**	**	<10	**	**	**

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

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

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

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

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

Source: CDC Wonder as of February 15, 2022

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 2019											
	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	5,321	127.4	123.9	130.8	3,516	128.4	124.0	132.7	1,607	135.4	128.6	142.1
Brain and Other Central Nervous System	118	2.9	2.3	3.4	90	3.5	2.8	4.3	s	2.2	1.4	3.3
Cervix	82	2.2	1.8	2.8	45	2.0	1.5	2.8	s	2.9	2.0	4.1
Colon and Rectum	494	11.8	10.8	12.9	326	12.0	10.6	13.4	152	12.8	10.7	14.9
Esophagus	59	1.4	1.1	1.8	41	1.5	1.1	2.0	ss	**	**	**
Female Breast (Malignant Only)	789	19.4	18.1	20.8	476	17.9	16.2	19.6	289	24.7	21.8	27.6
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	87	2.0	1.6	2.5	62	2.2	1.7	2.8	s	2.0	1.3	3.0
Larynx	21	0.5	0.3	0.8	15	**	**	**	<10	**	**	**
Leukemia	169	4.1	3.5	4.8	121	4.6	3.7	5.5	s	3.5	2.5	4.8
Liver and Intrahepatic Bile Duct	149	3.6	3.0	4.2	80	2.9	2.3	3.7	58	4.9	3.7	6.4
Lung and Bronchus	1,225	28.9	27.2	30.5	899	32.3	30.2	34.5	290	24.2	21.3	27.0
Melanoma	44	1.0	0.7	1.4	42	1.6	1.1	2.1	<10	**	**	**
Multiple Myeloma	142	3.3	2.7	3.8	79	2.7	2.1	3.4	s	4.9	3.7	6.3
Non-Hodgkin Lymphoma	147	3.5	3.0	4.1	113	4.1	3.3	4.9	s	2.4	1.6	3.6
Oral Cavity and Pharynx	58	1.4	1.1	1.8	37	1.4	0.9	1.9	s	**	**	**
Ovary	249	5.9	5.1	6.6	175	6.3	5.3	7.2	61	5.1	3.9	6.6
Pancreas	427	10.0	9.1	11.0	263	9.3	8.2	10.4	152	12.8	10.7	14.9
Stomach	91	2.2	1.8	2.7	46	1.8	1.3	2.4	s	3.0	2.1	4.1
Urinary Bladder	105	2.5	2.0	2.9	73	2.5	2.0	3.2	s	2.3	1.5	3.4
Uterus	241	5.7	5.0	6.5	116	4.3	3.5	5.1	108	8.6	6.9	10.3

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

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

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

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

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

Source: CDC Wonder as of February 15, 2022

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 2019							
	***Other				Hispanic Ethnicity (of Any Race)			
	Count	Rate	Lower CI	Upper CI	Count	Rate	Lower CI	Upper CI
All Sites	198	71.8	61.7	82	137	72.3	59.4	85.1
Brain and Other Central Nervous System	<10	**	**	**	<10	**	**	**
Cervix	<10	**	**	**	<10	**	**	**
Colon and Rectum	16	**	**	**	s	**	**	**
Esophagus	<10	**	**	**	<10	**	**	**
Female Breast (Malignant Only)	24	8.3	5.3	12.4	17	**	**	**
Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Kidney and Renal Pelvis	<10	**	**	**	<10	**	**	**
Larynx	<10	**	**	**	<10	**	**	**
Leukemia	<10	**	**	**	<10	**	**	**
Liver and Intrahepatic Bile Duct	11	**	**	**	<10	**	**	**
Lung and Bronchus	36	13.5	9.4	18.8	<10	**	**	**
Melanoma	<10	**	**	**	<10	**	**	**
Multiple Myeloma	<10	**	**	**	<10	**	**	**
Non-Hodgkin Lymphoma	<10	**	**	**	<10	**	**	**
Oral Cavity and Pharynx	<10	**	**	**	<10	**	**	**
Ovary	13	**	**	**	14	**	**	**
Pancreas	12	**	**	**	11	**	**	**
Stomach	<10	**	**	**	14	**	**	**
Urinary Bladder	<10	**	**	**	<10	**	**	**
Uterus	17	**	**	**	<10	**	**	**

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

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

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

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

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

Source: CDC Wonder as of February 15, 2022

2019 Maryland Incidence and Mortality  
Selected Cancer Rates  
(Maryland and by County)

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# Maryland



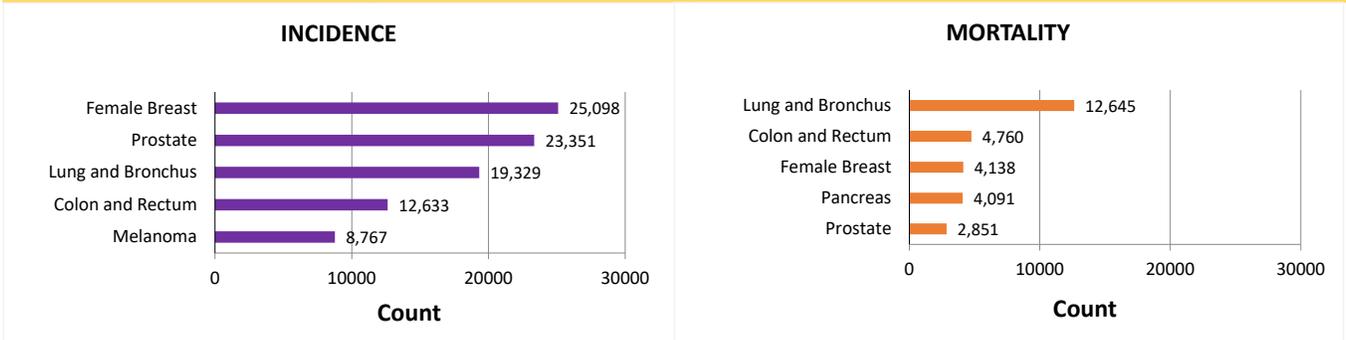
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

In 2019, the number of incidence and mortality cases in Maryland were:

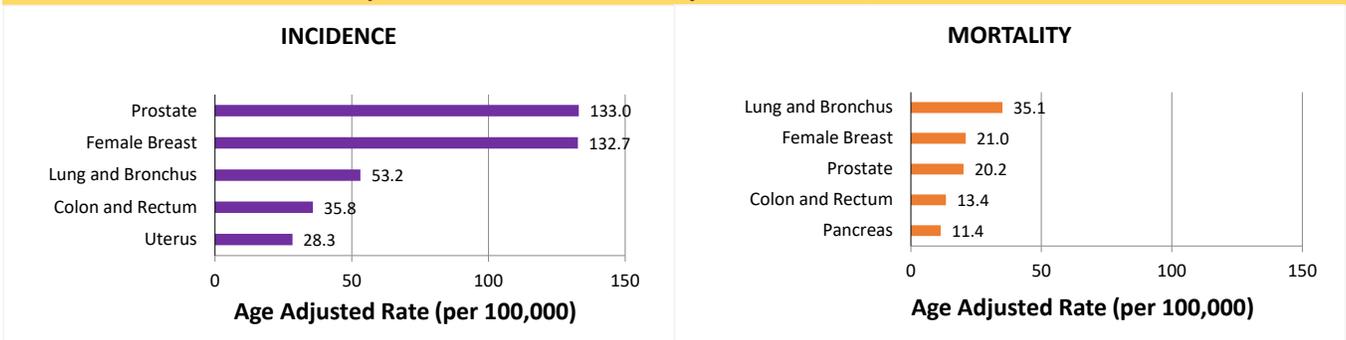
**Incidence:** 34,365 new cases of all cancer cases

**Mortality:** 10,743 deaths from cancer

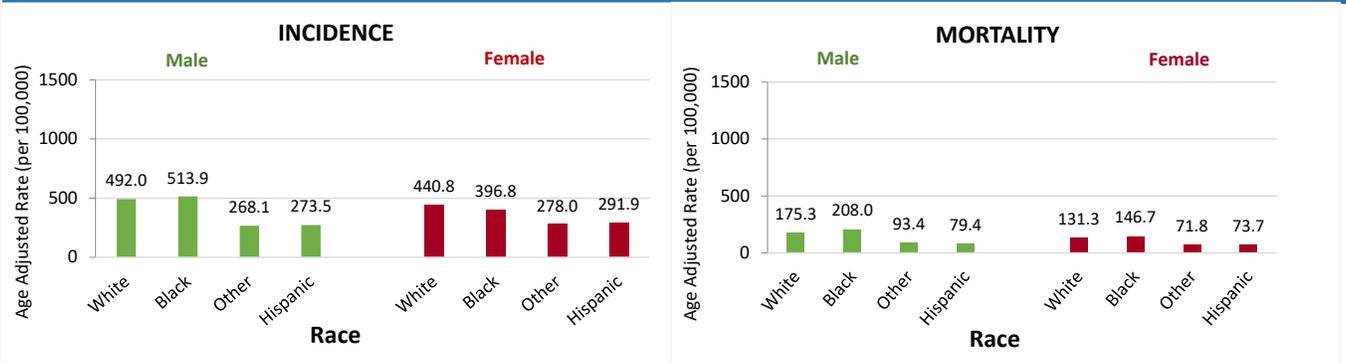
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

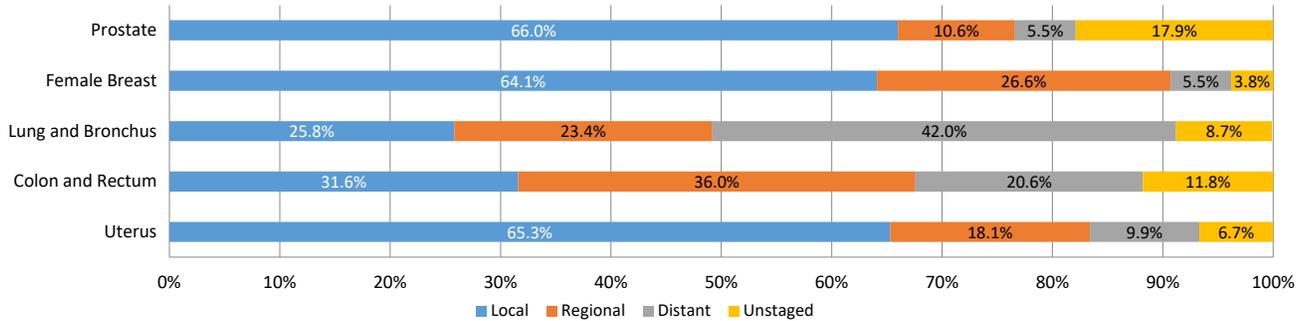
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

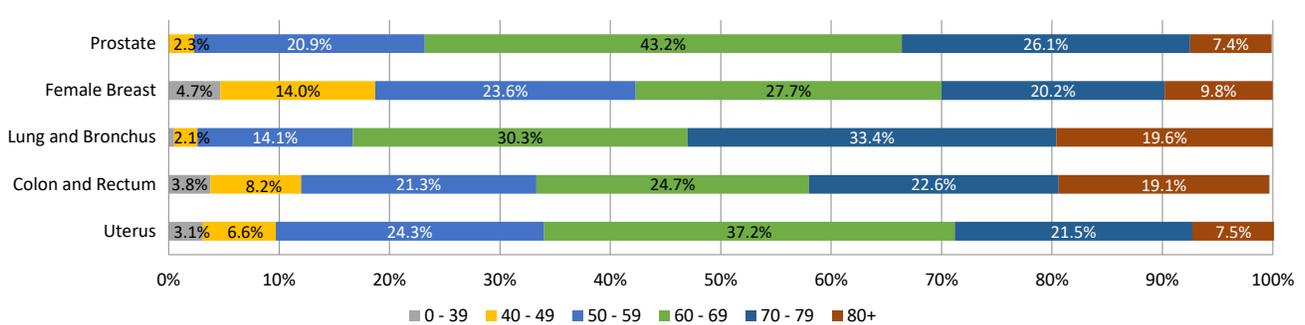
# Maryland



## Distribution of Stage of Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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.

# Allegany County



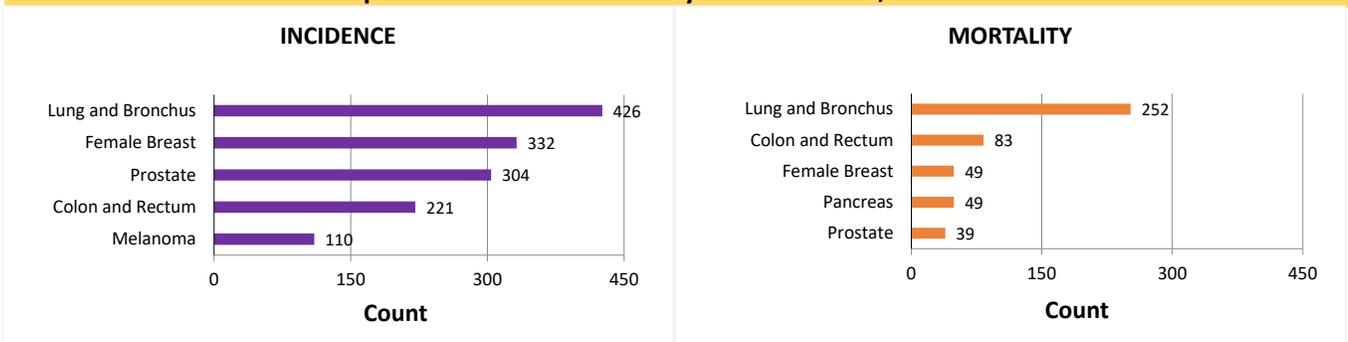
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

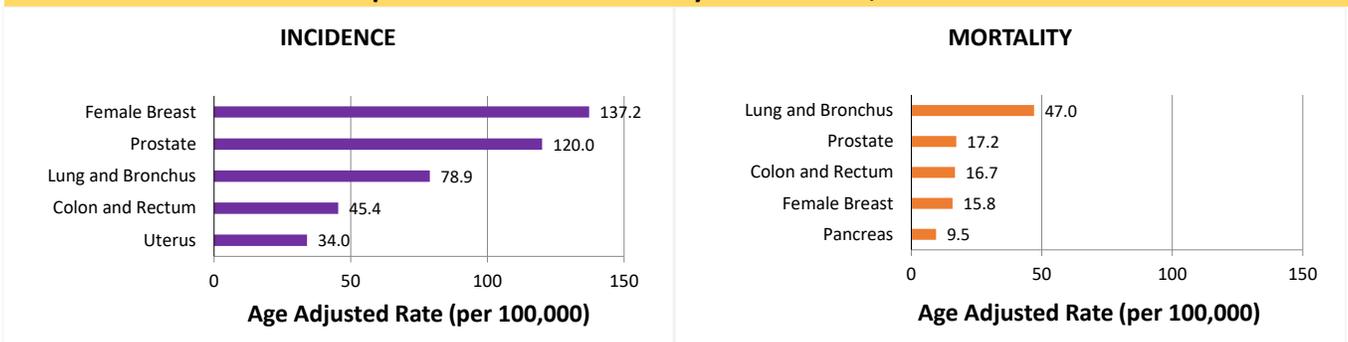
In 2019, the number of incidence and mortality cases in Allegany County were:

**Incidence:** 570 new cases of all cancer cases      **Mortality:** 160 deaths from cancer

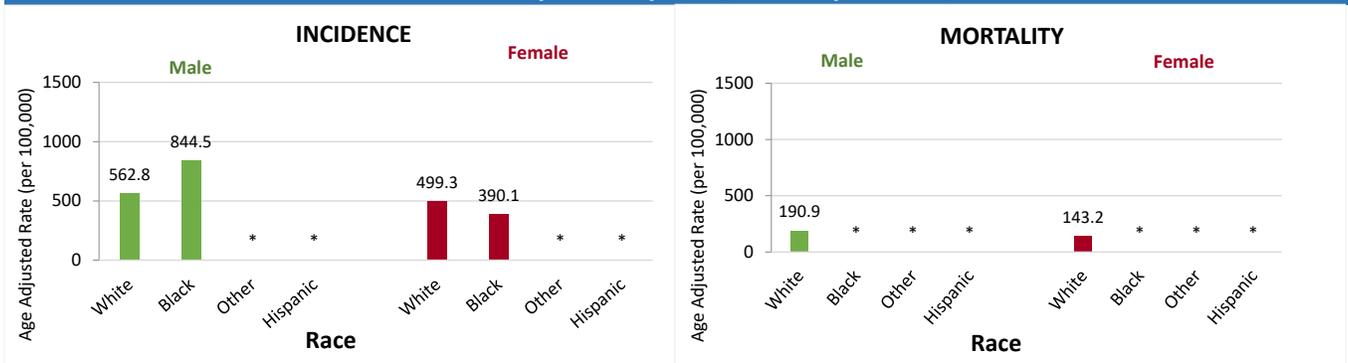
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

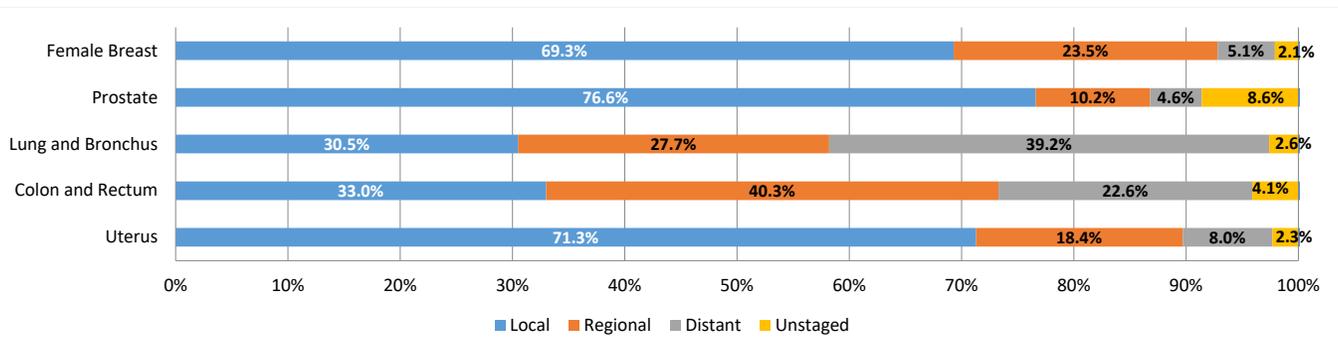
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

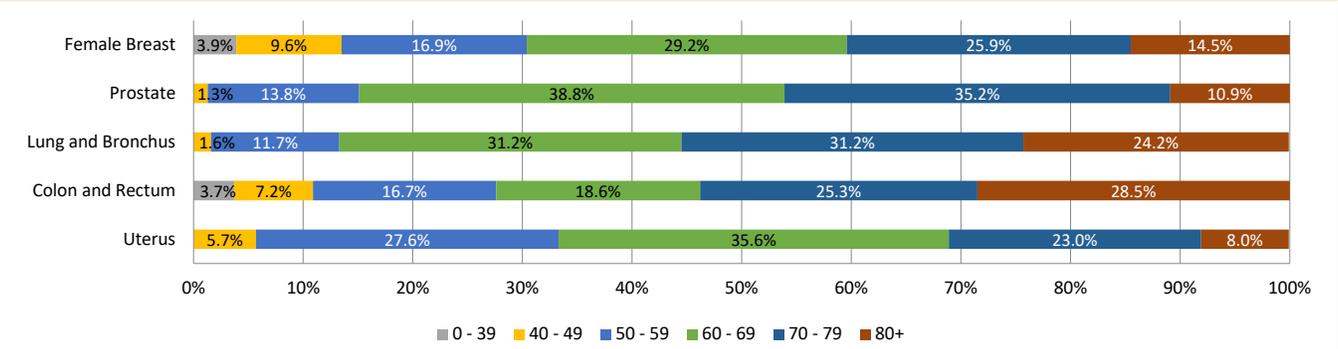
# Allegany County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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.

# Anne Arundel County



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

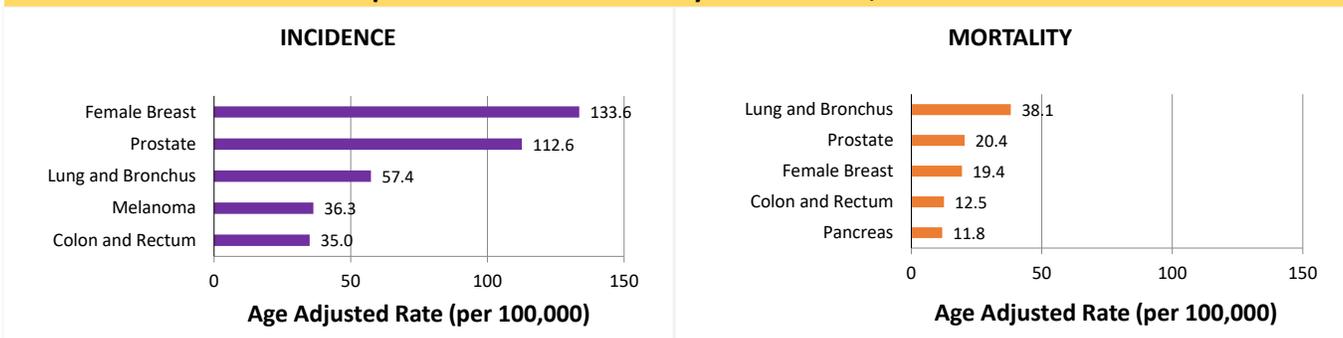
In 2019, the number of incidence and mortality cases in Anne Arundel County were:

**Incidence:** 3,227 new cases of all cancer cases      **Mortality:** 1,000 deaths from cancer

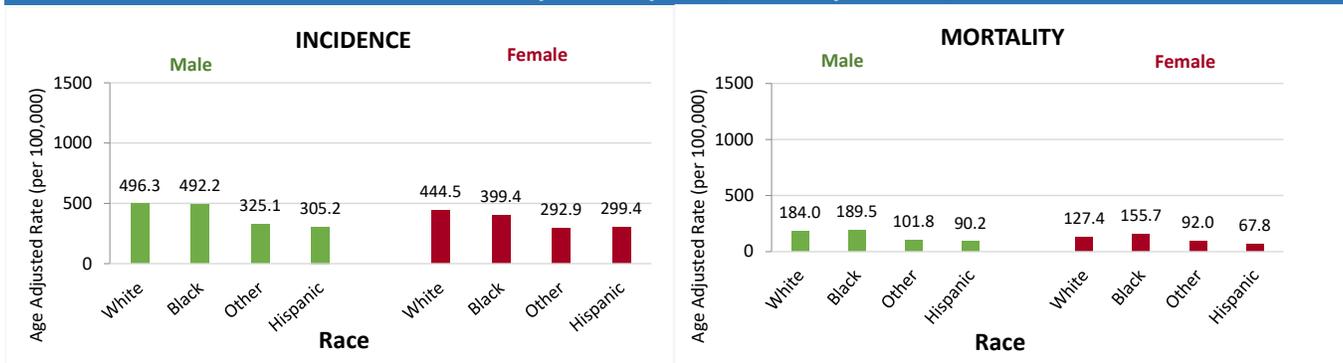
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

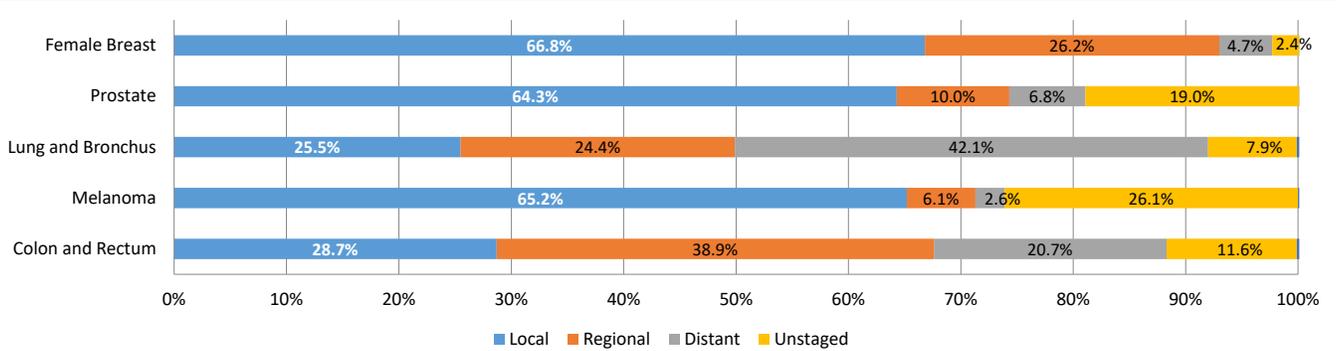
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

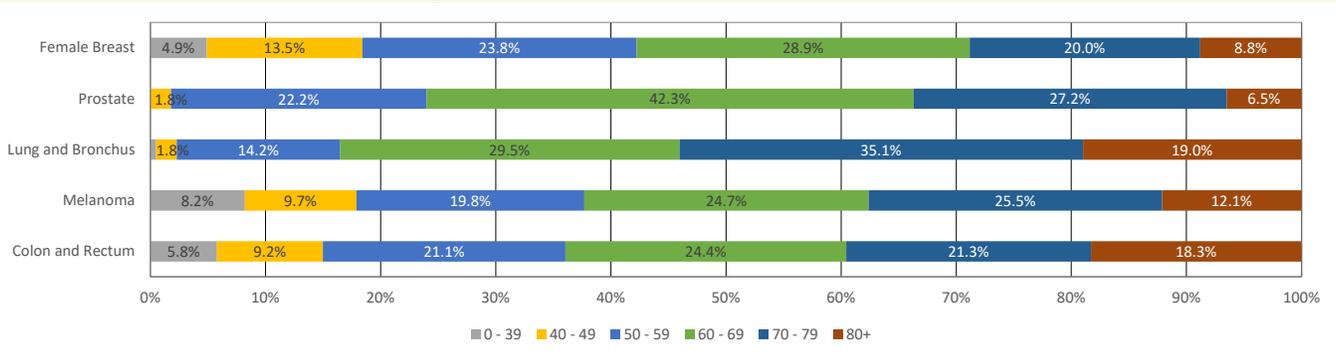
# Anne Arundel County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\***



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.



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

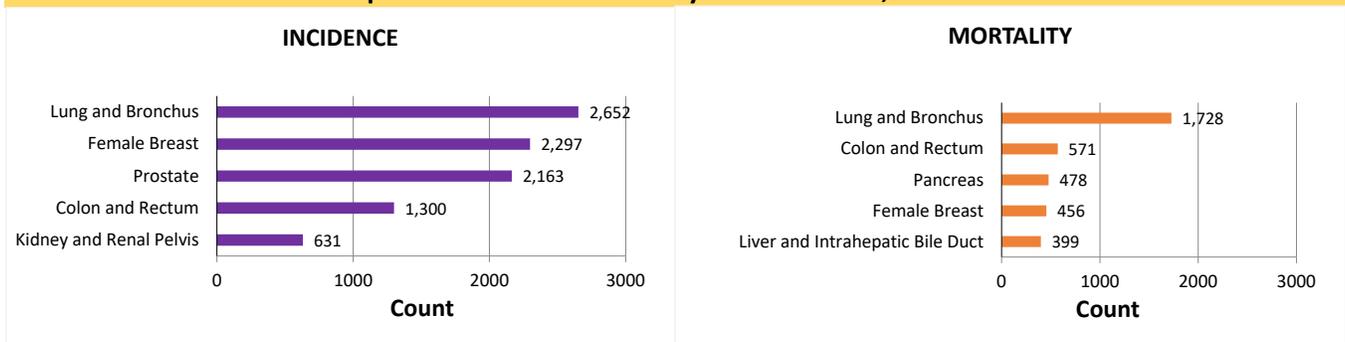
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Baltimore City were:

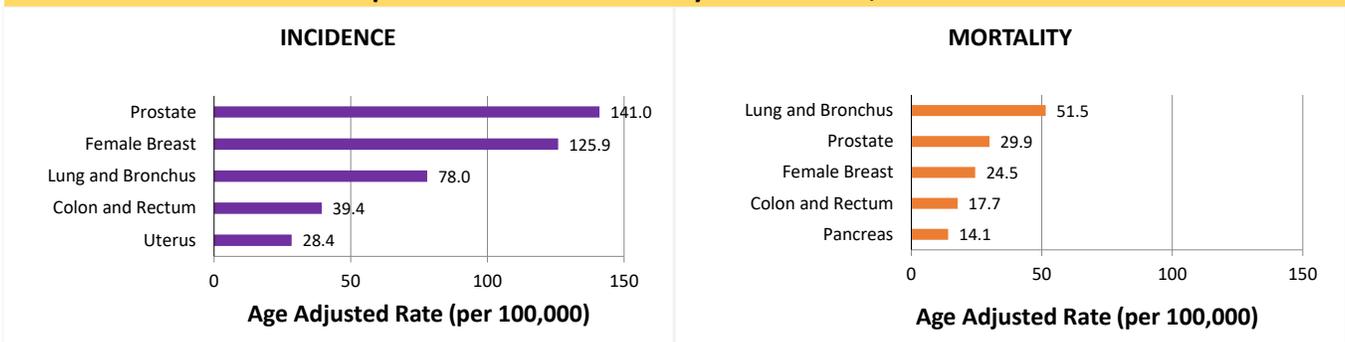
**Incidence:** 3,327 new cases of all cancer cases

**Mortality:** 1,246 deaths from cancer

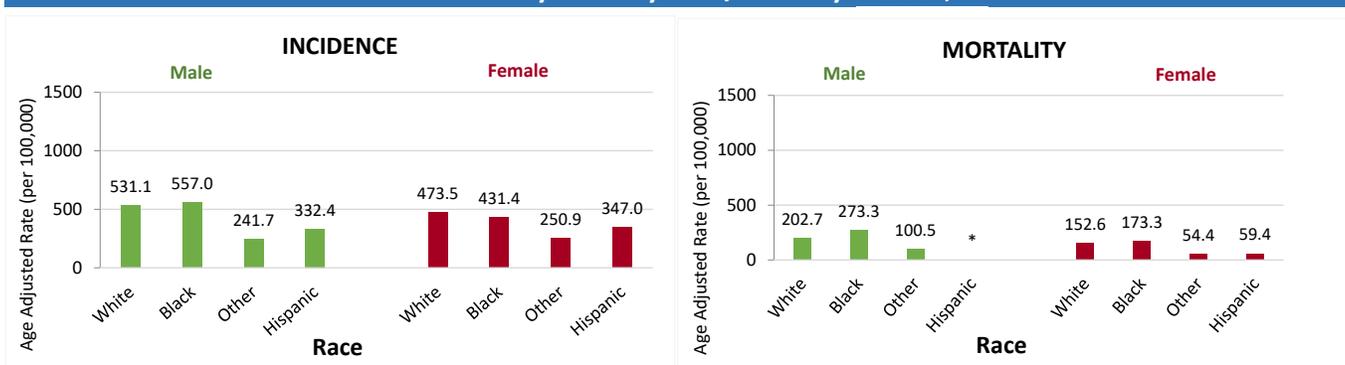
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

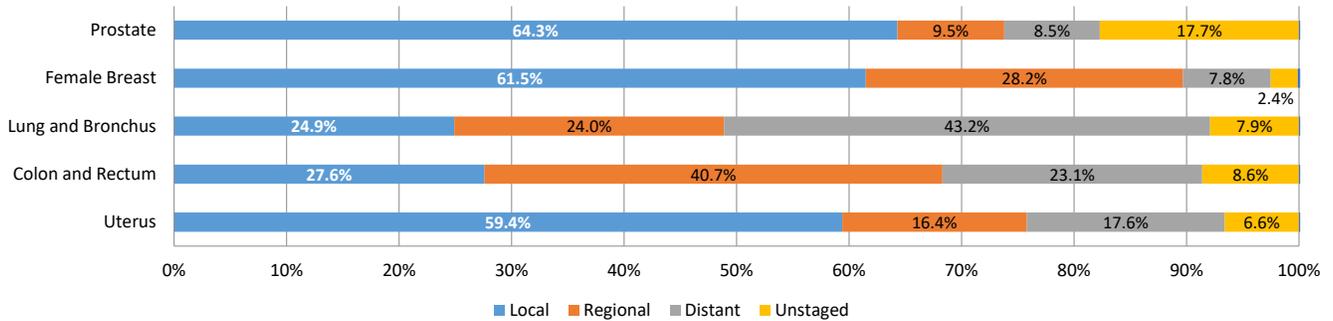
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

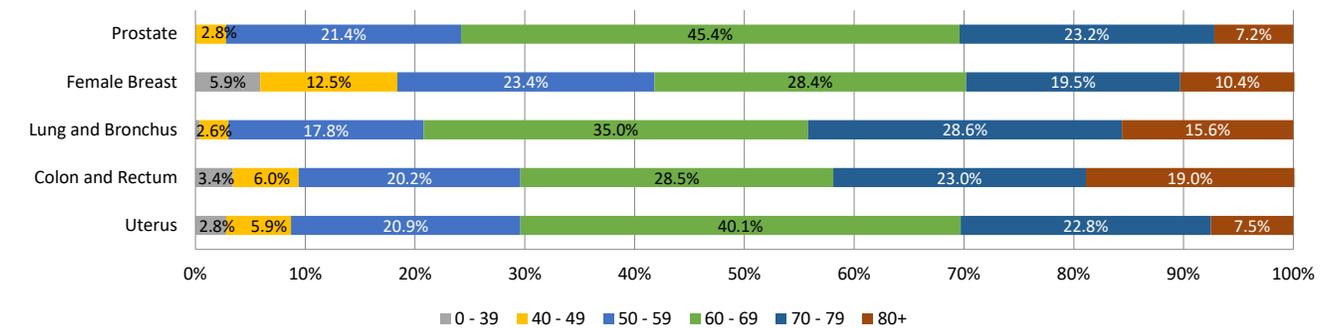
# Baltimore City



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

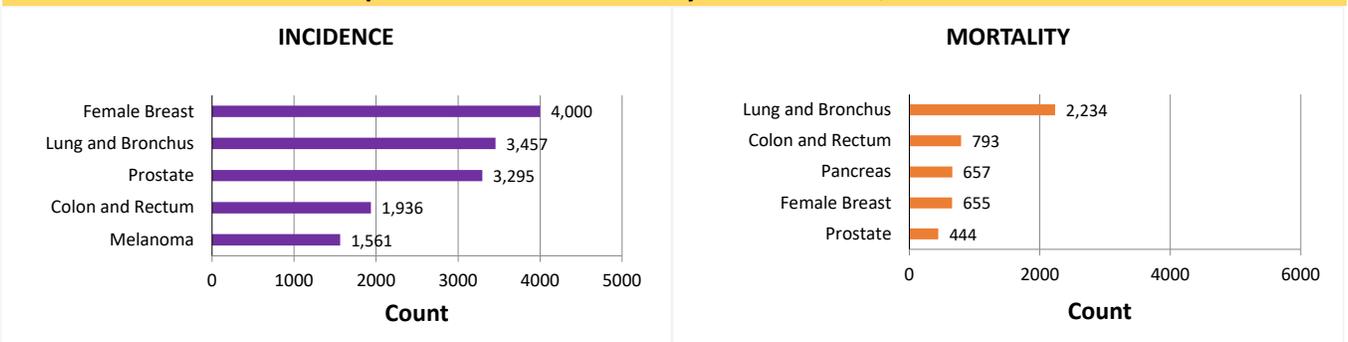
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Baltimore County were:

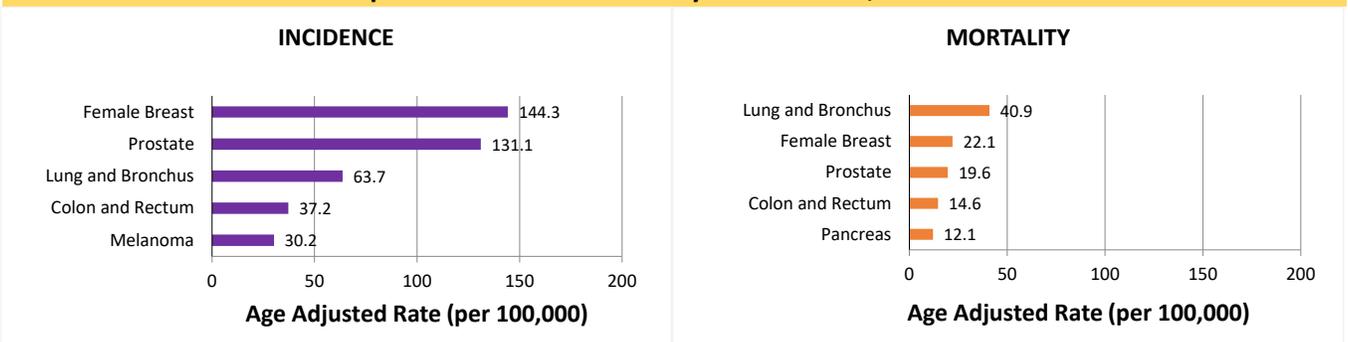
**Incidence:** 5,203 new cases of all cancer cases

**Mortality:** 1,754 deaths from cancer

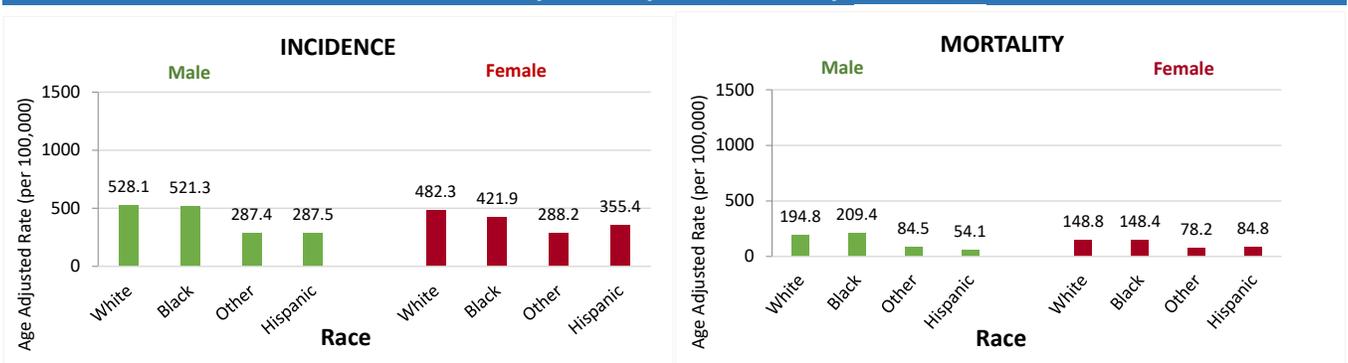
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

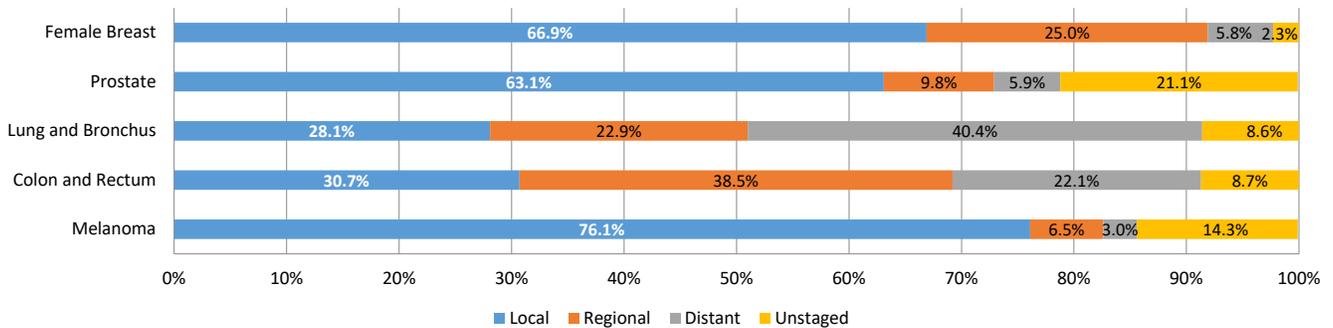
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

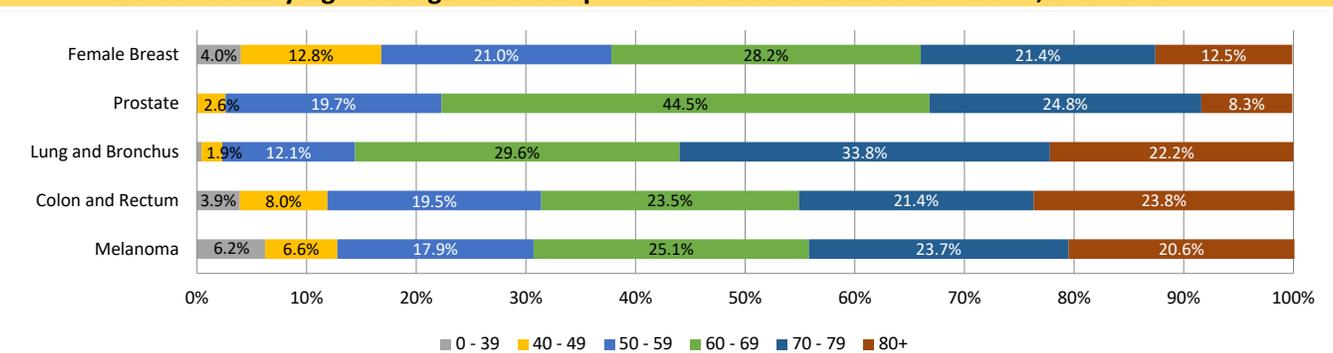
# Baltimore County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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.

# Calvert County



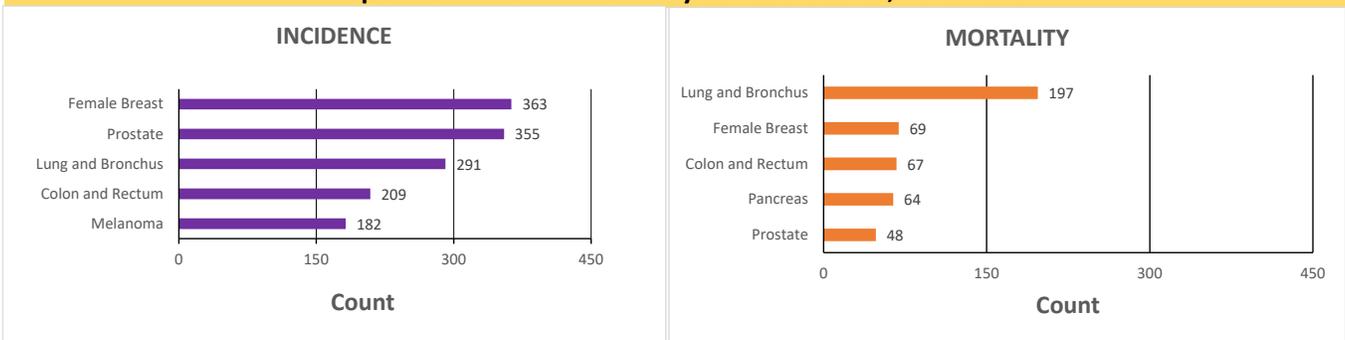
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

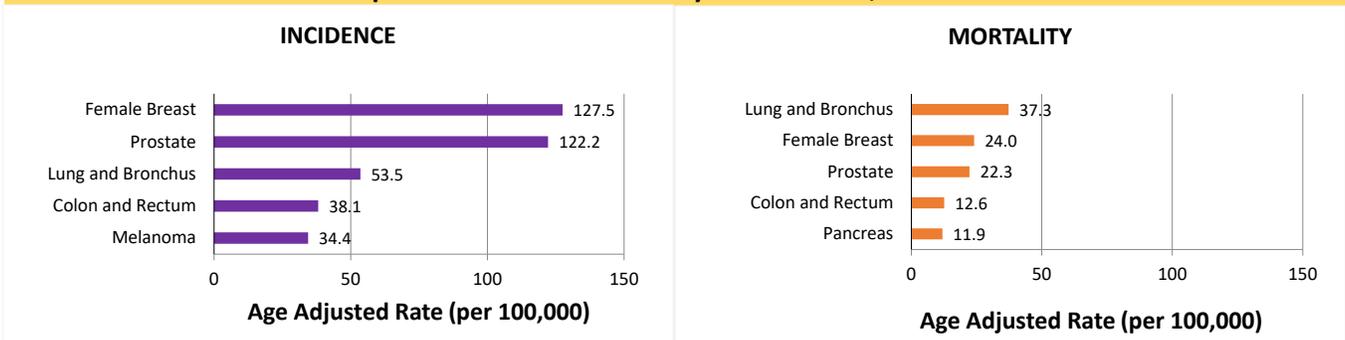
In 2019, the number of incidence and mortality cases in Calvert County were:

**Incidence:** 566 new cases of all cancer cases      **Mortality:** 188 deaths from cancer

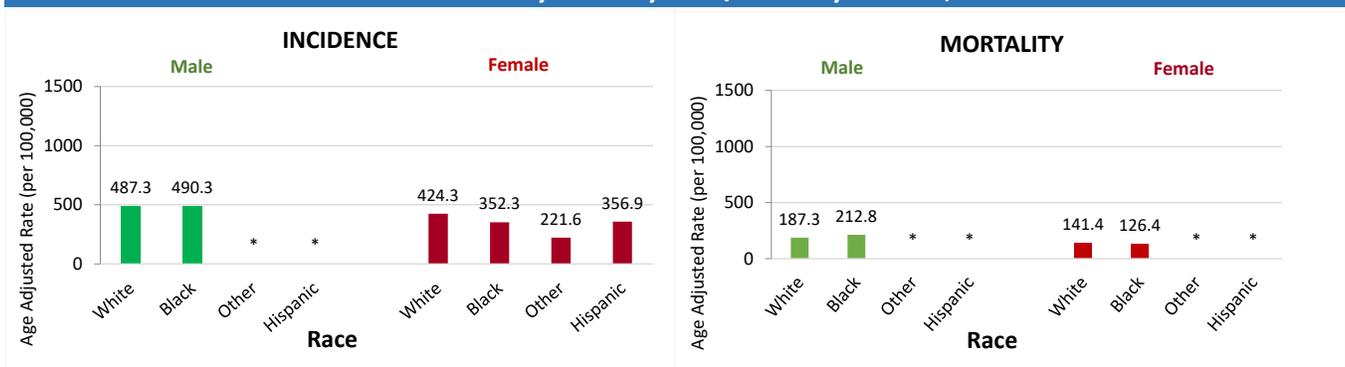
### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

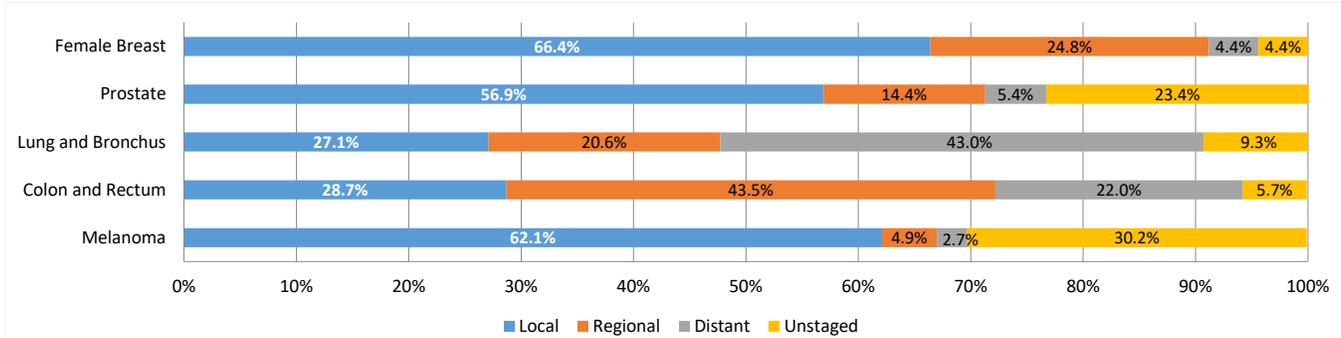
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

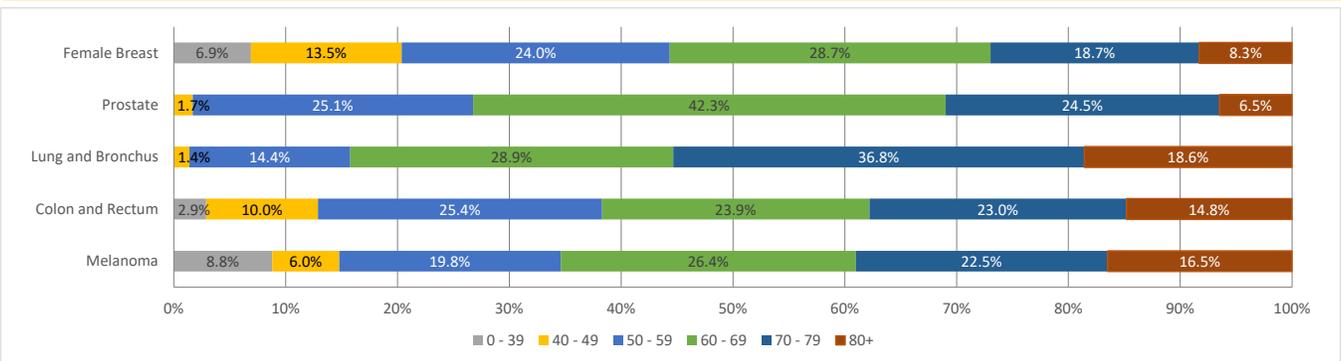
# Calvert County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

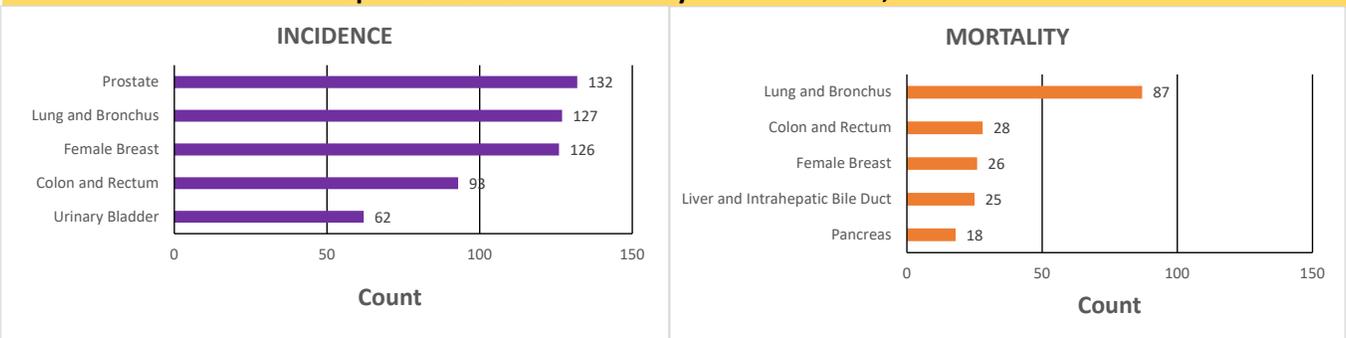
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Caroline County were:

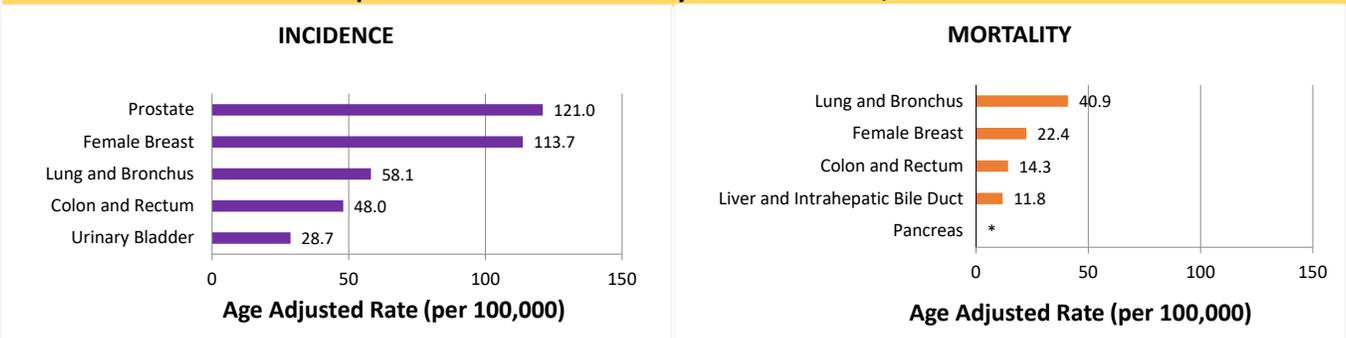
**Incidence:** 208 new cases of all cancer cases

**Mortality:** 64 deaths from cancer

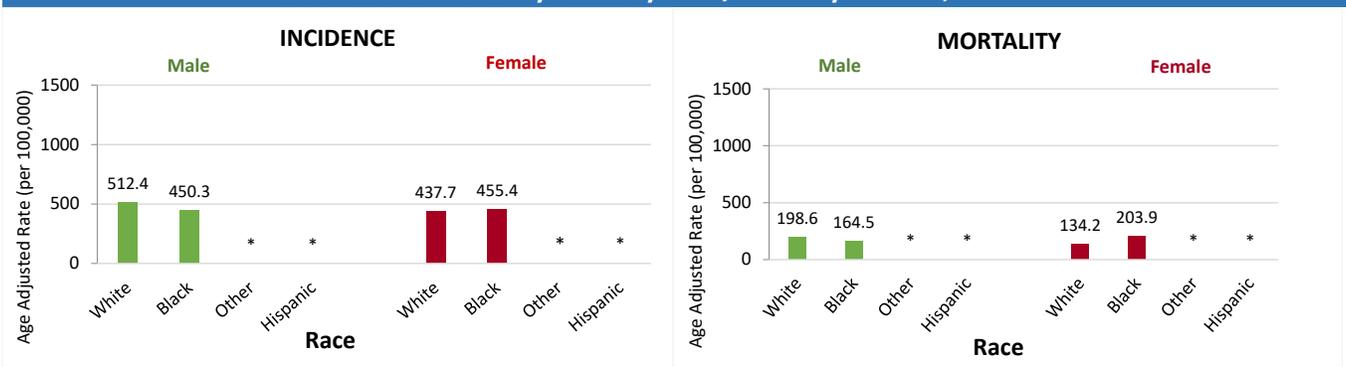
### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

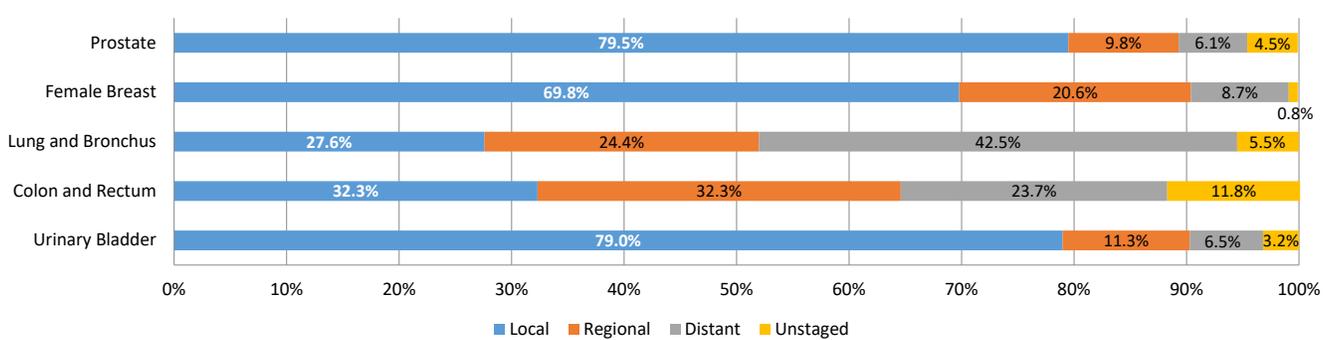
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

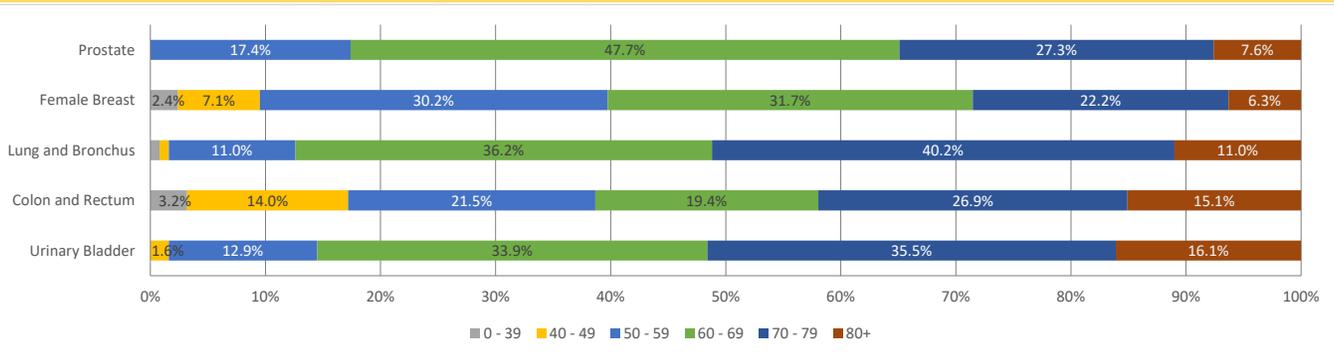
# Caroline County



## Distribution of Stage of Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

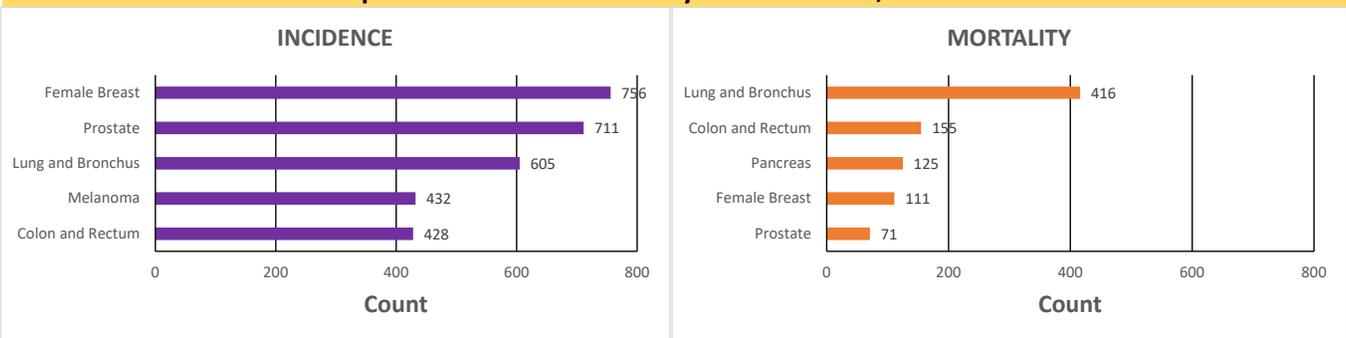
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Carroll County were:

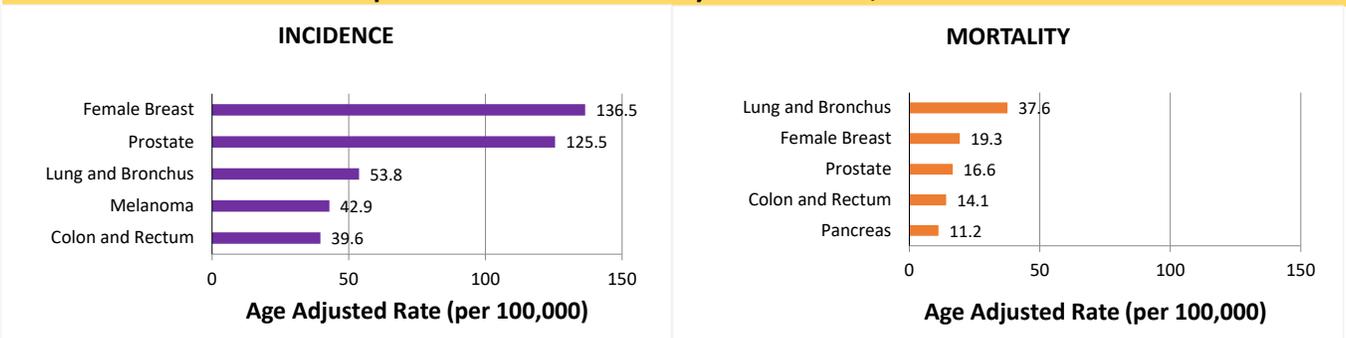
**Incidence:** 1,158 new cases of all cancer cases

**Mortality:** 351 deaths from cancer

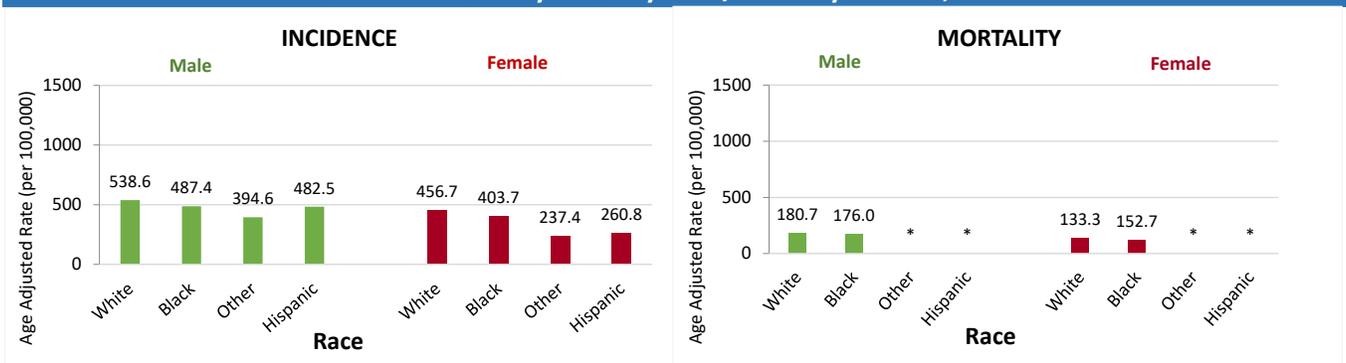
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

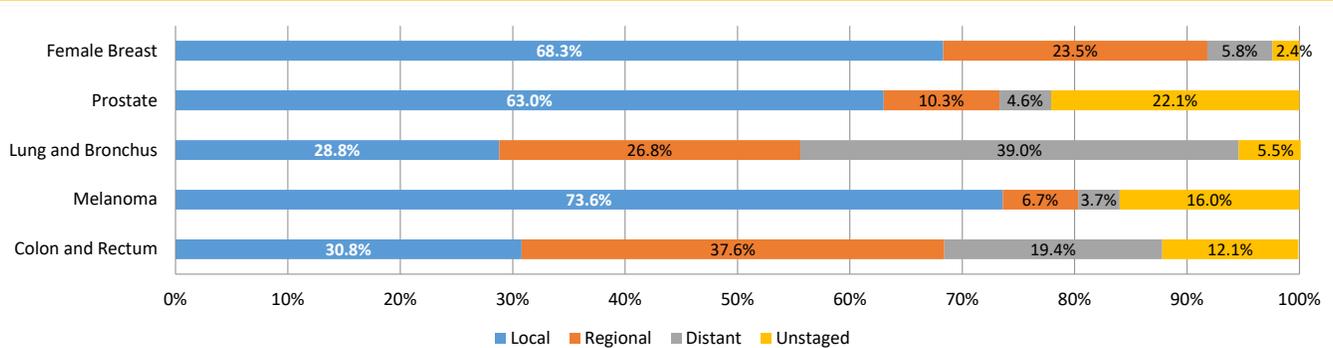
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

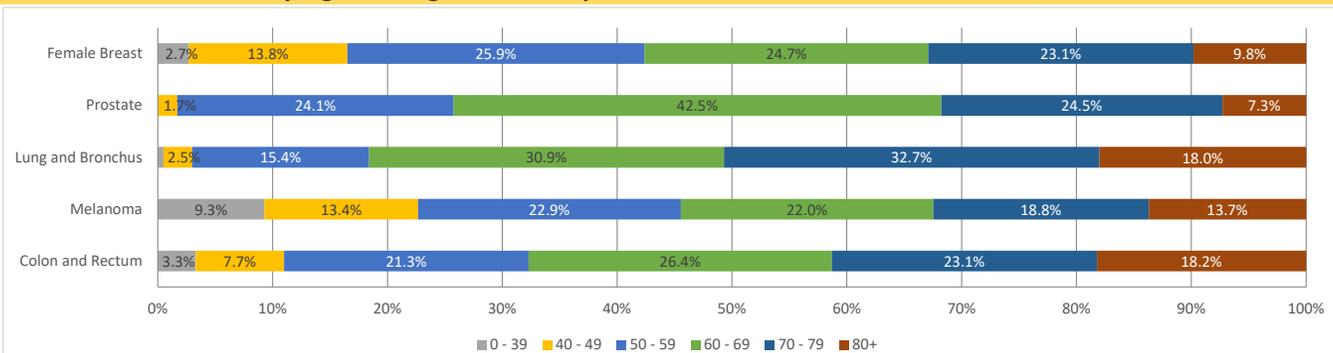
# Carroll County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

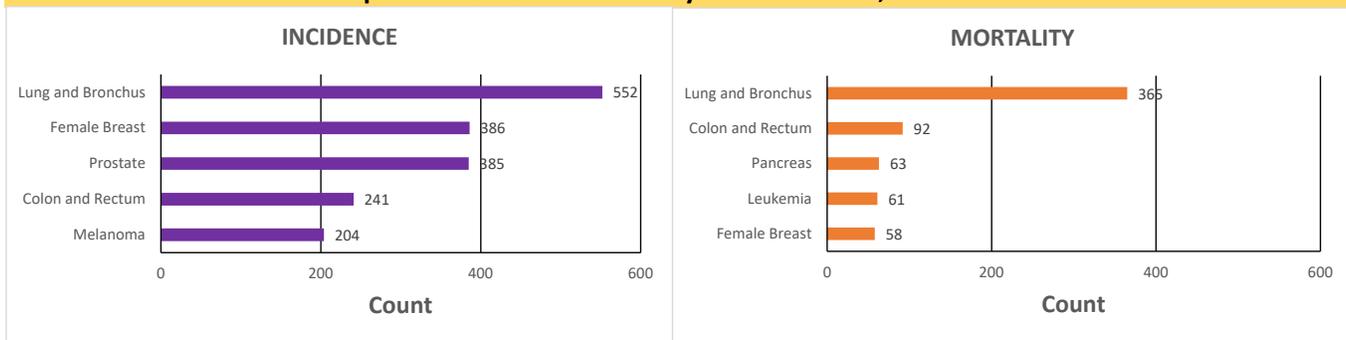
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Cecil County were:

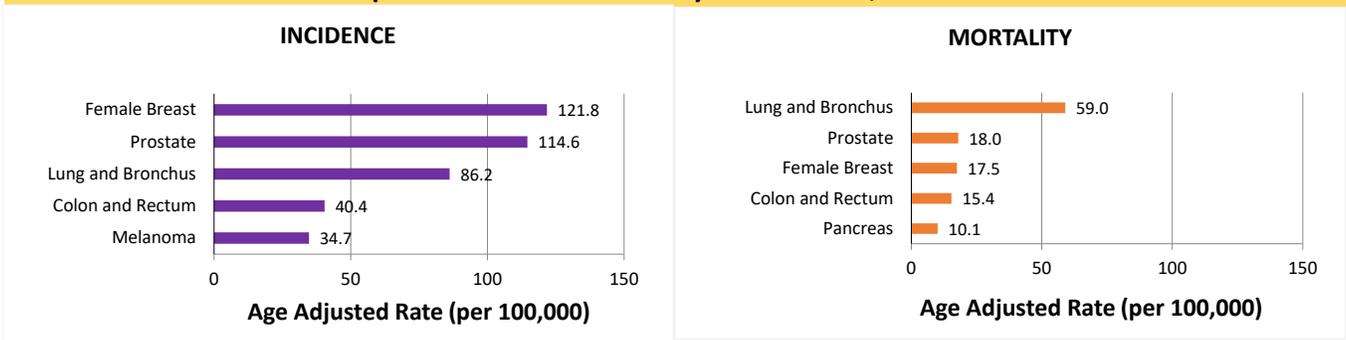
**Incidence:** 651 new cases of all cancer cases

**Mortality:** 232 deaths from cancer

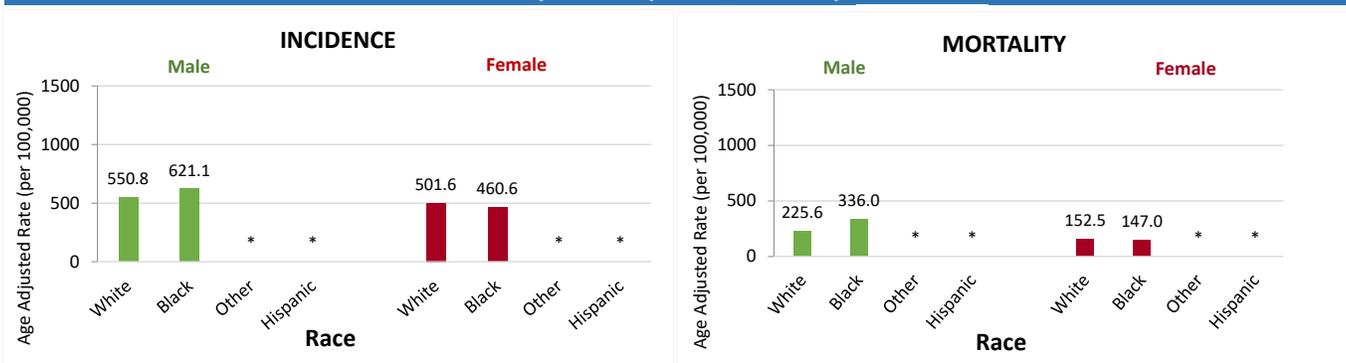
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

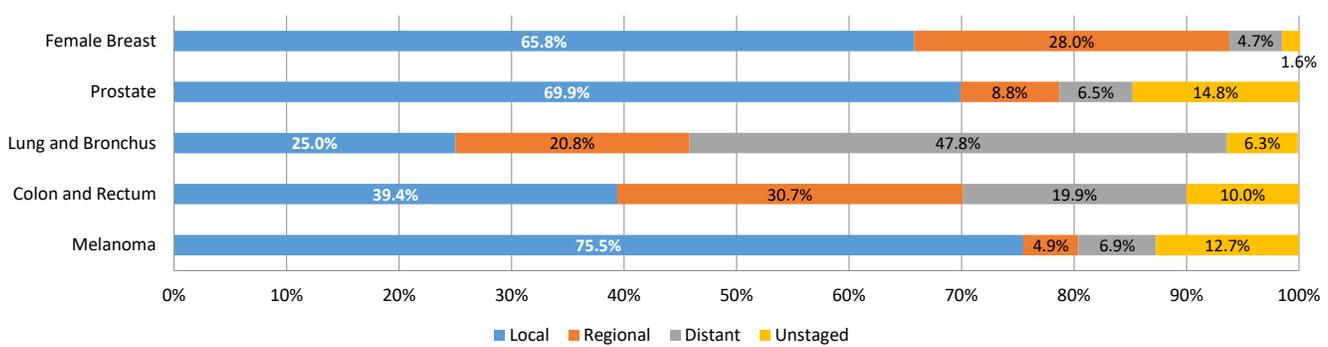
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

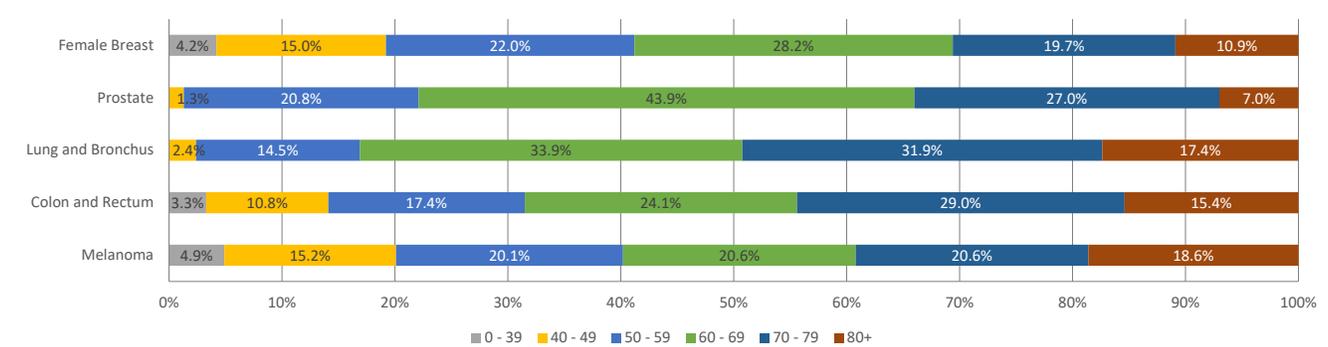
# Cecil County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

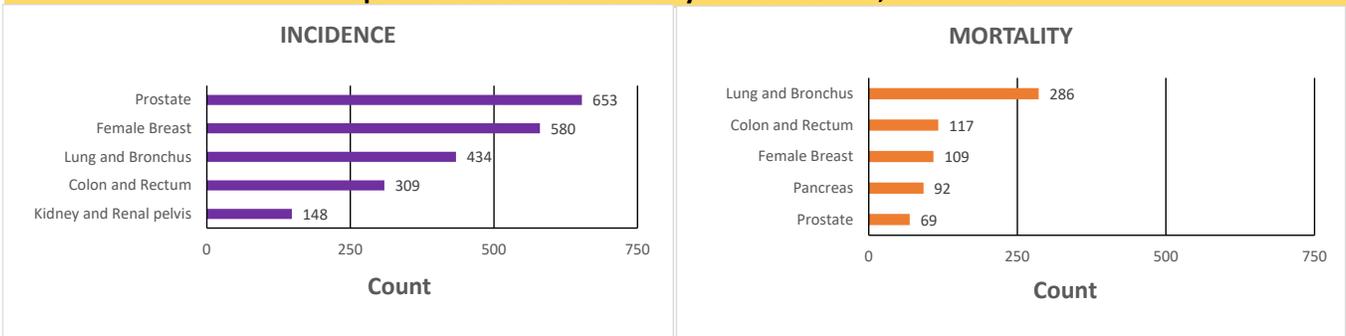
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Charles County were:

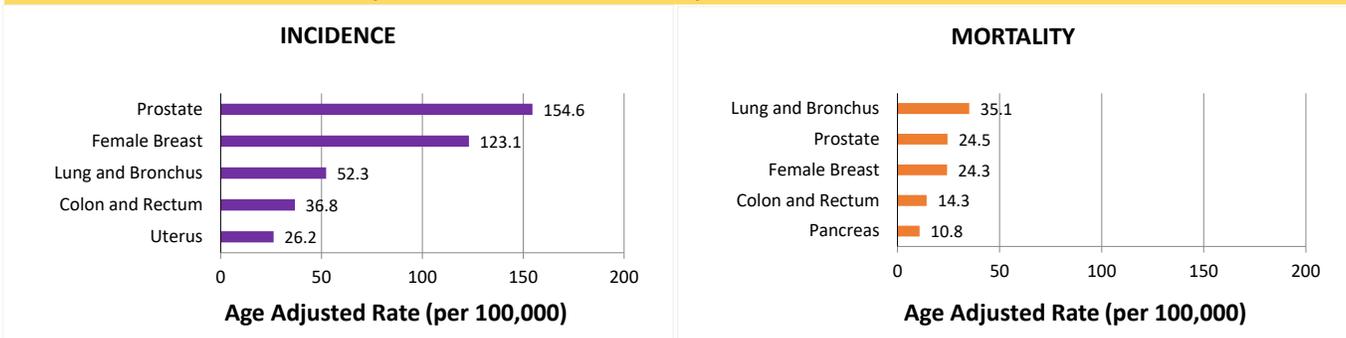
**Incidence:** 825 new cases of all cancer cases

**Mortality:** 279 deaths from cancer

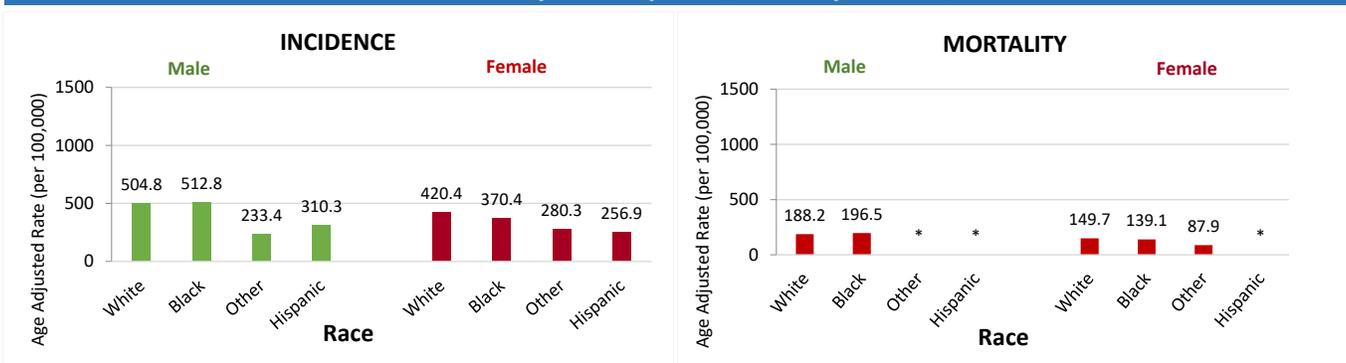
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

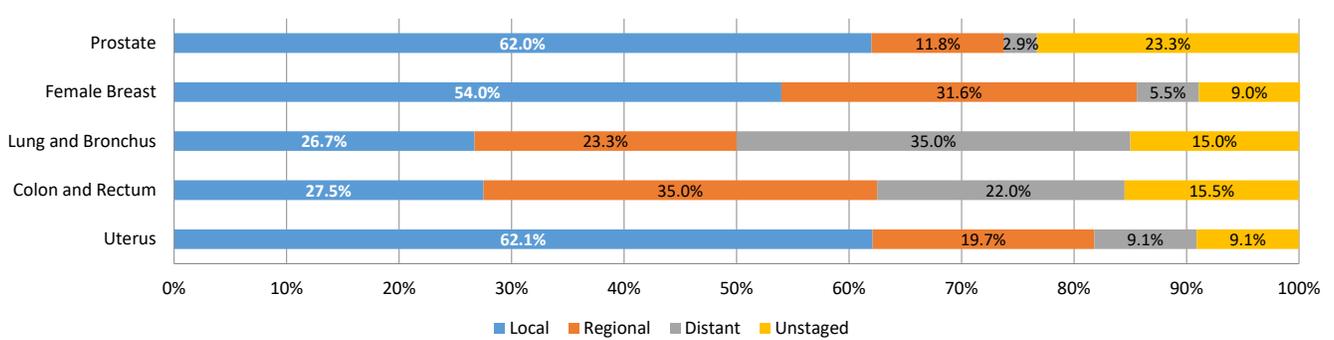
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

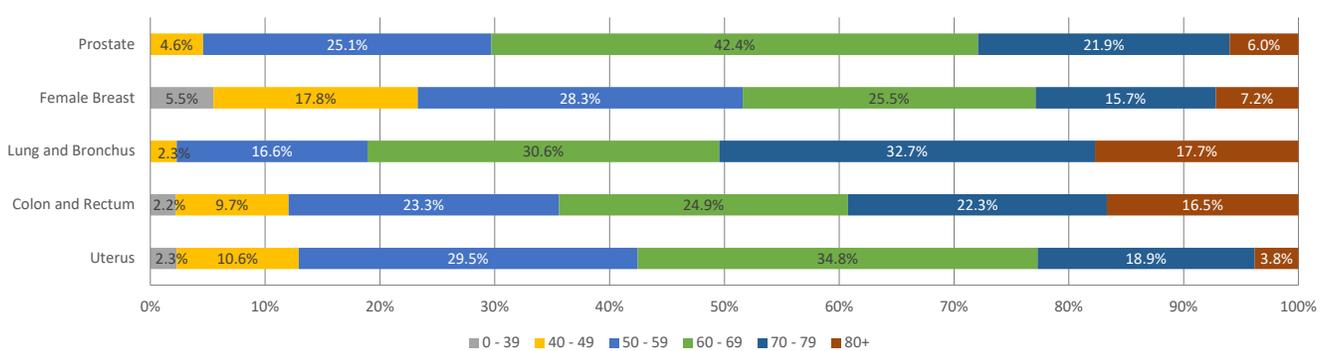
# Charles County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\***



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

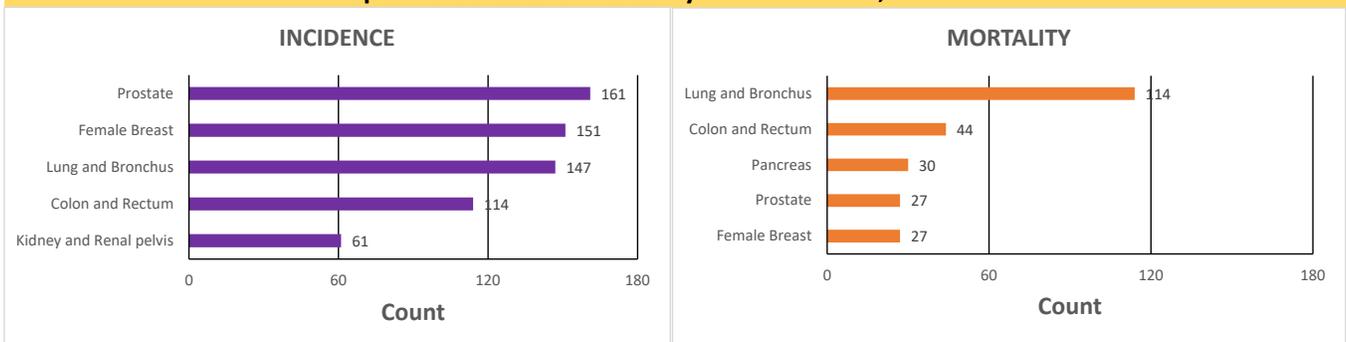
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Dorchester County were:

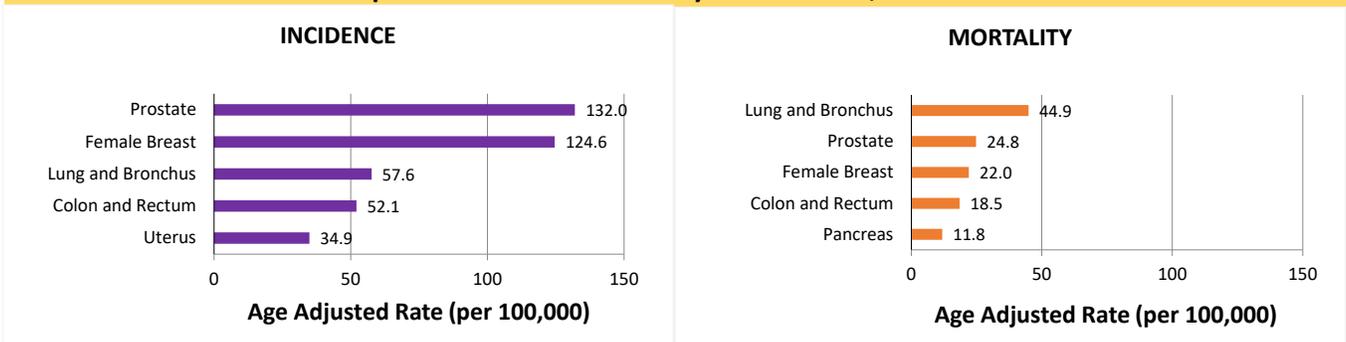
**Incidence:** 237 new cases of all cancer cases

**Mortality:** 93 deaths from cancer

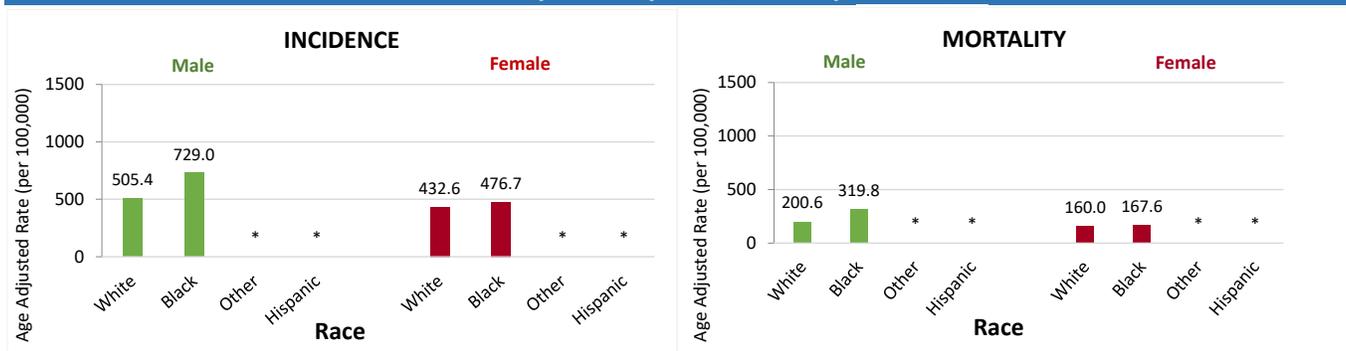
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

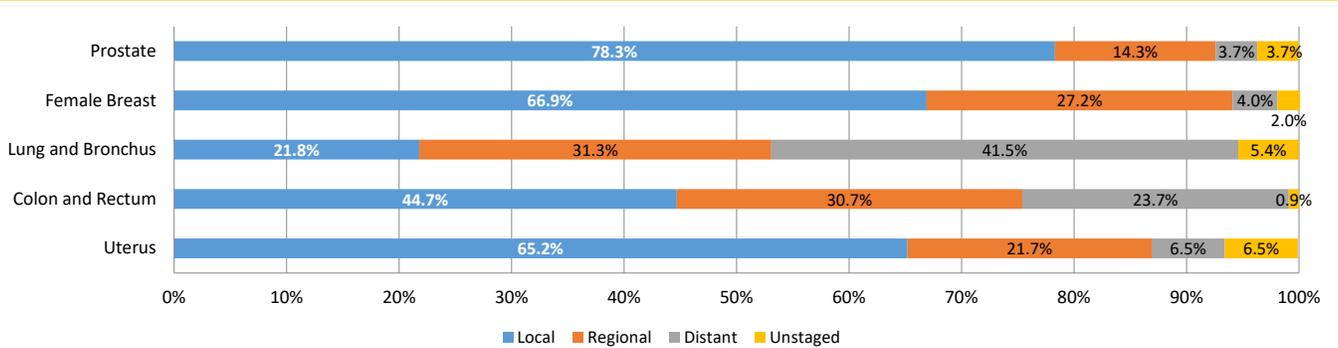
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

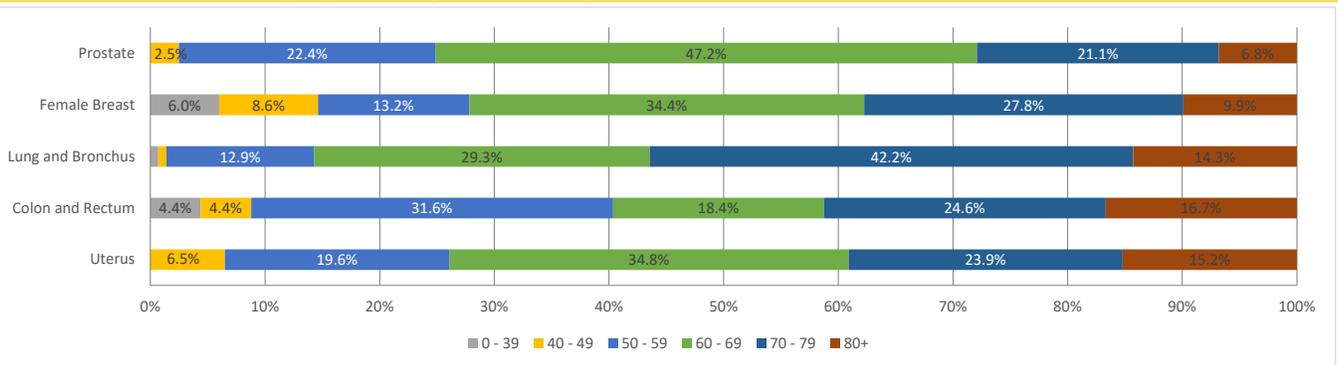
# Dorchester County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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.



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

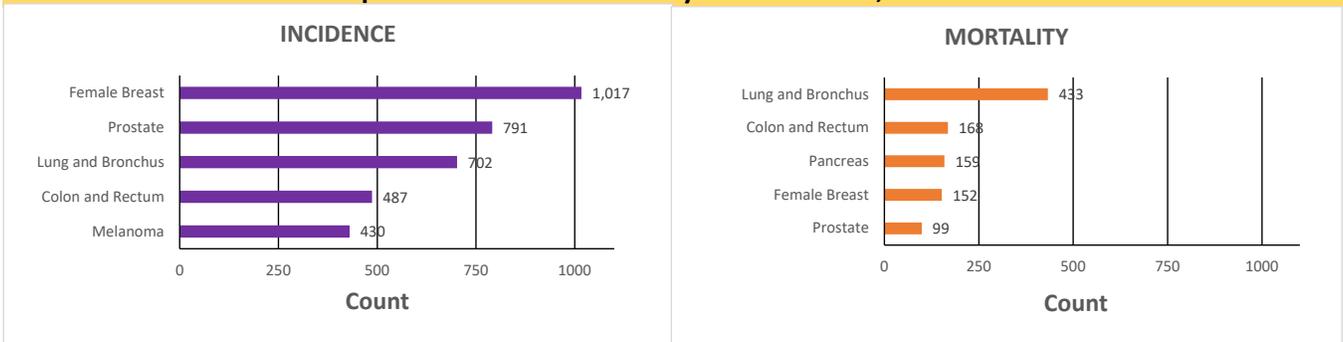
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Frederick County were:

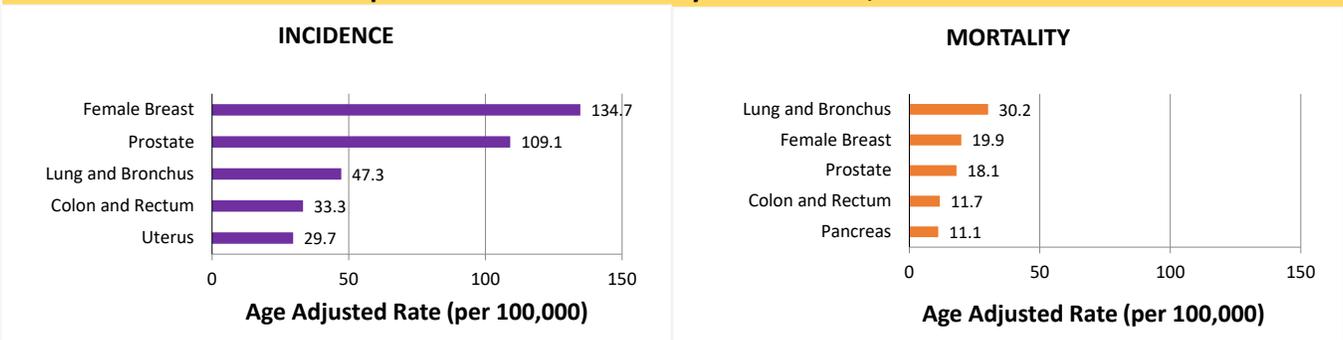
**Incidence:** 1,388 new cases of all cancer cases

**Mortality:** 394 deaths from cancer

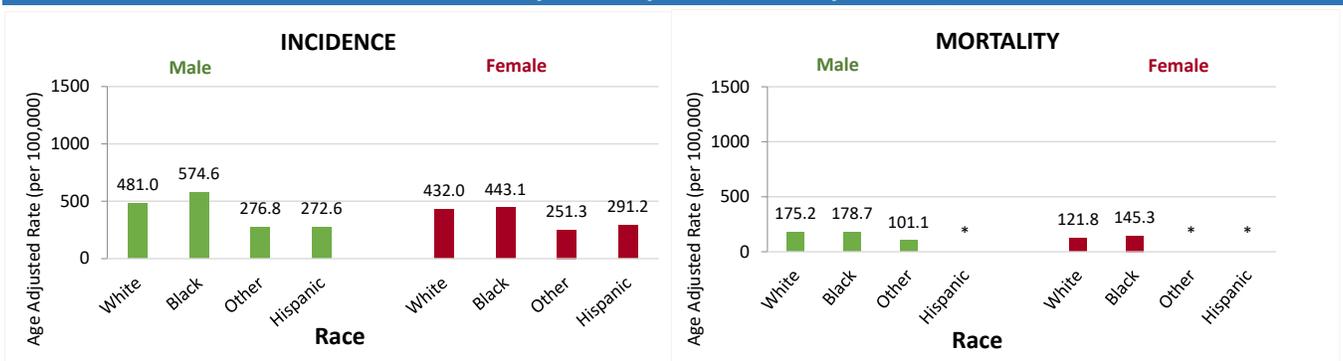
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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:

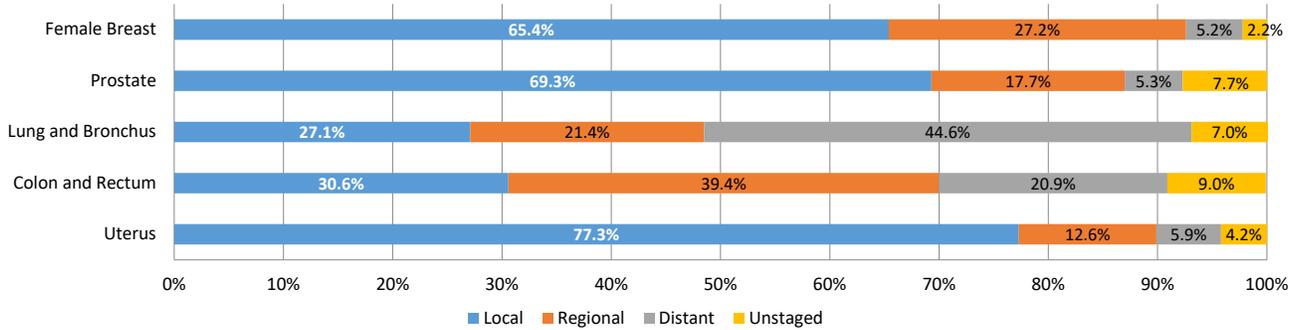
Incidence Rates based on case counts of 1-15 are suppressed per MDH / MCR Data Use Policy and Procedures

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

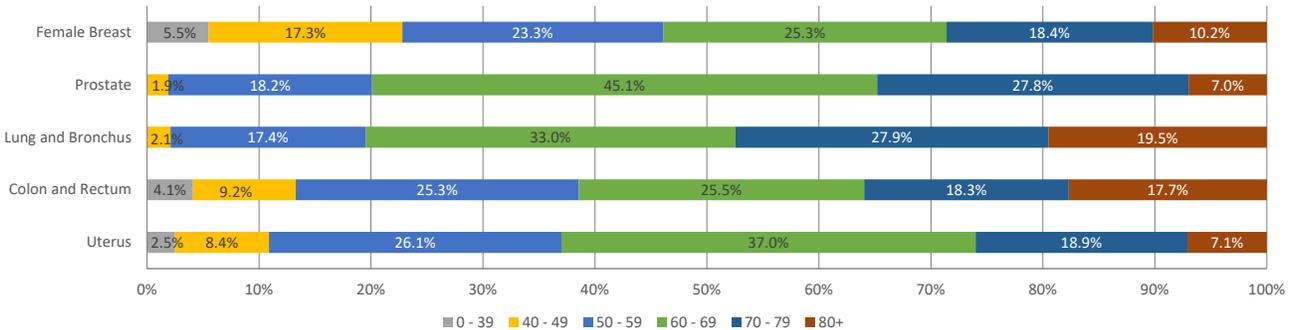
Other = Asian or Pacific Islander, American Indian, Alaskan Native



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

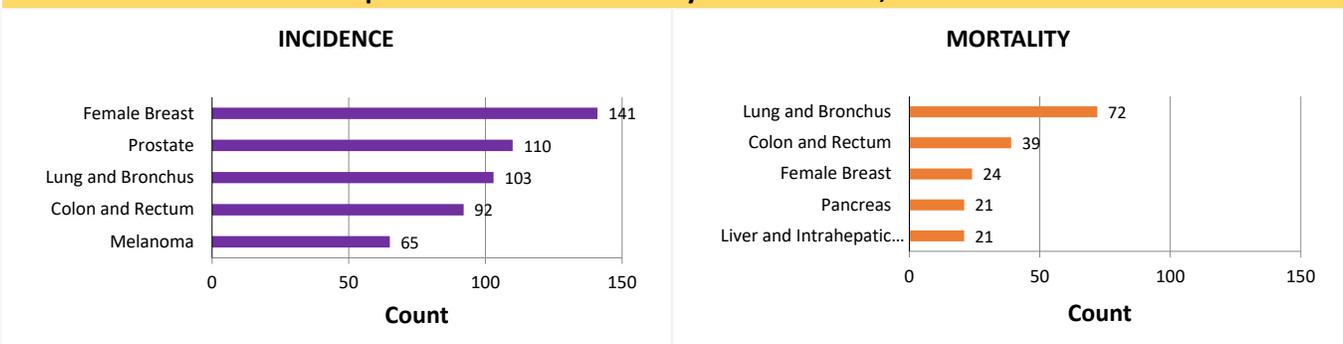
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Garrett County were:

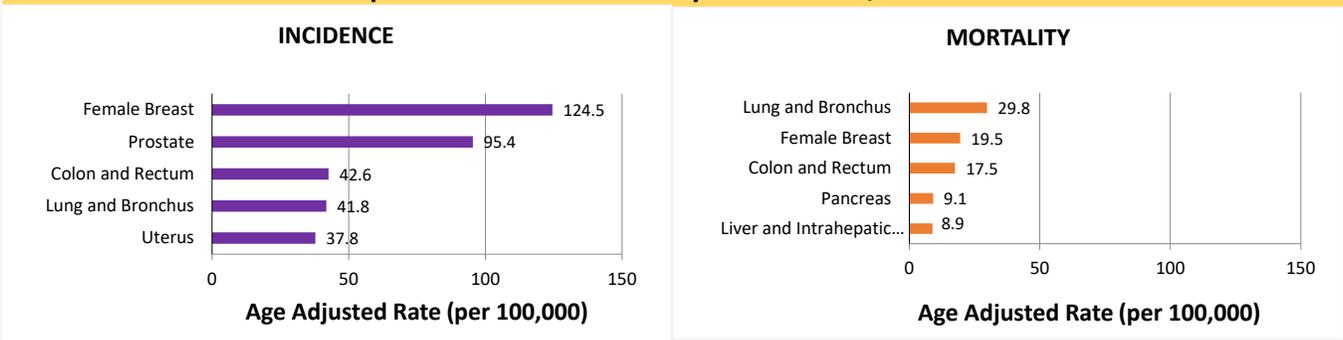
**Incidence:** 176 new cases of all cancer cases

**Mortality:** 59 deaths from cancer

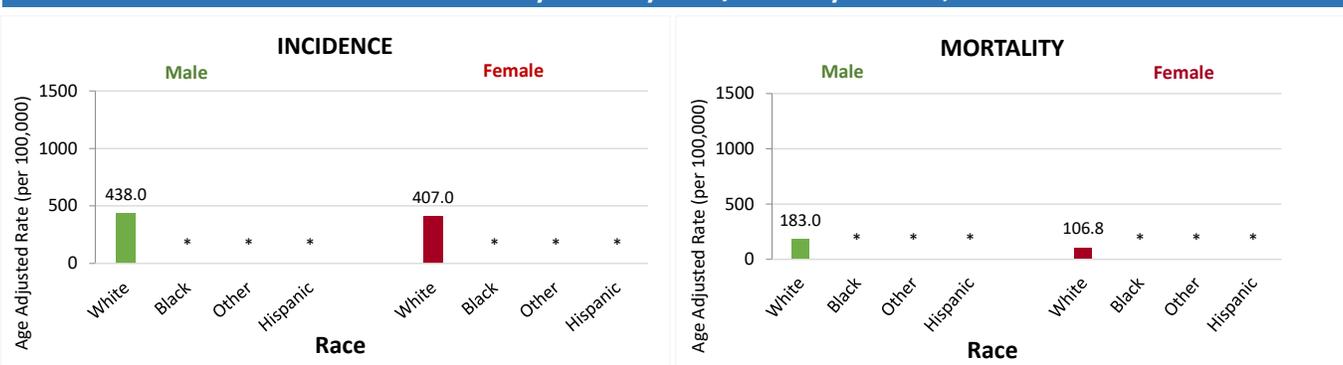
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

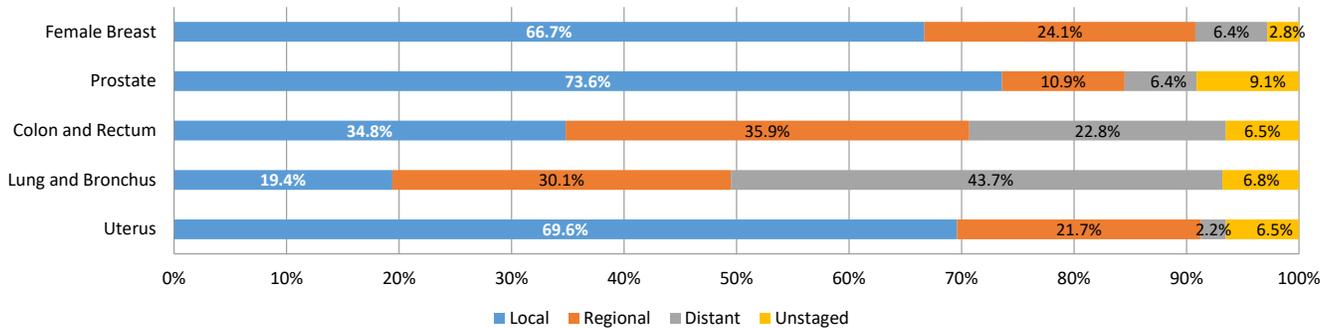
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

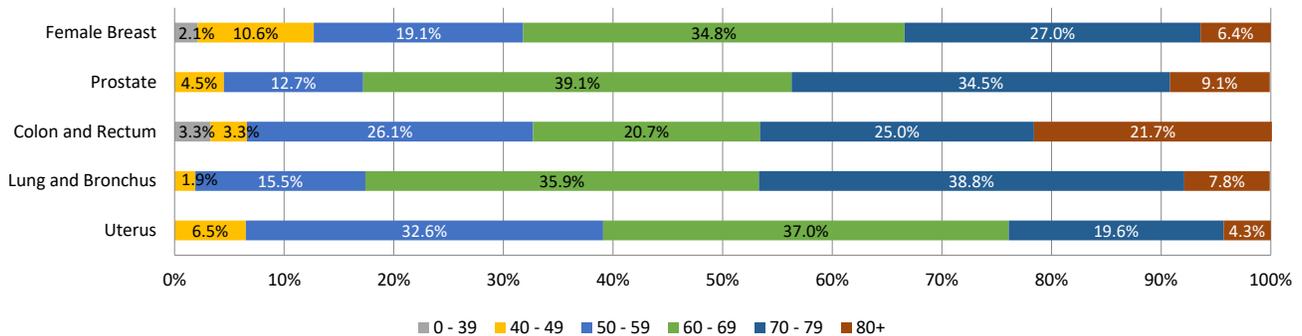
# Garrett County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence , 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

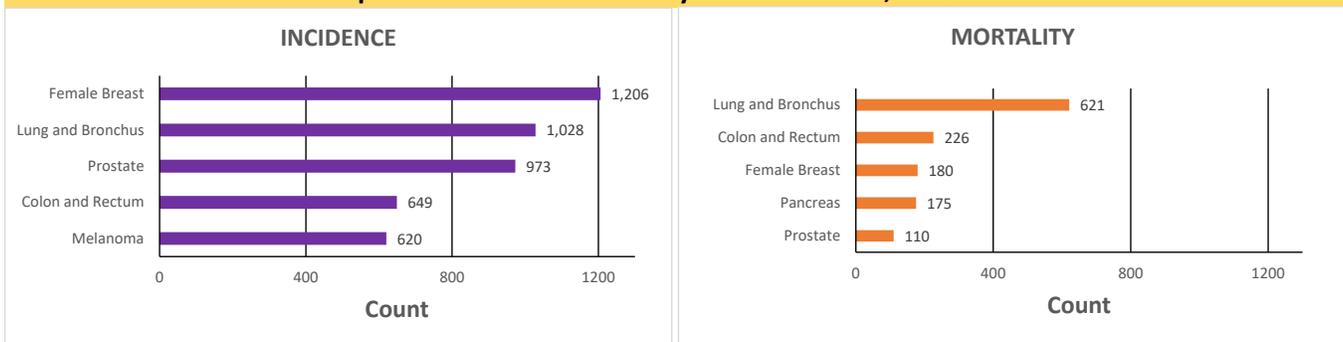
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Harford County were:

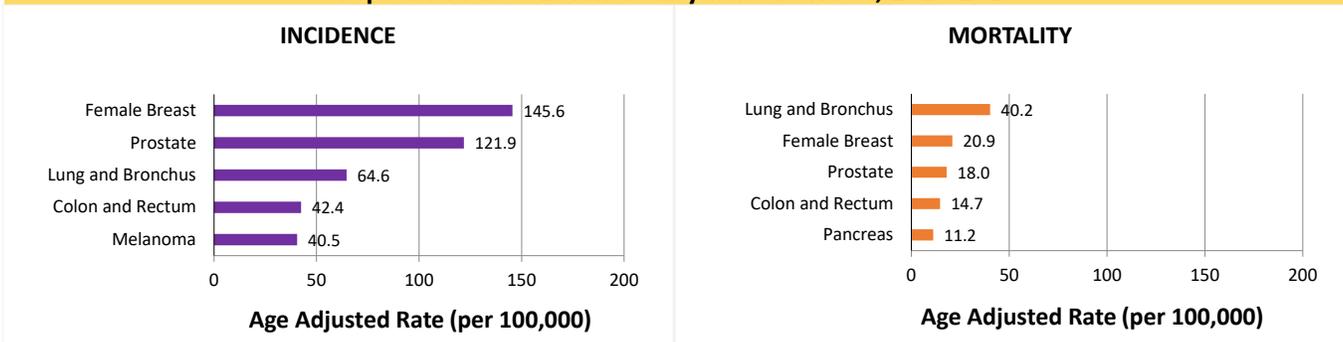
**Incidence:** 1,571 new cases of all cancer cases

**Mortality:** 473 deaths from cancer

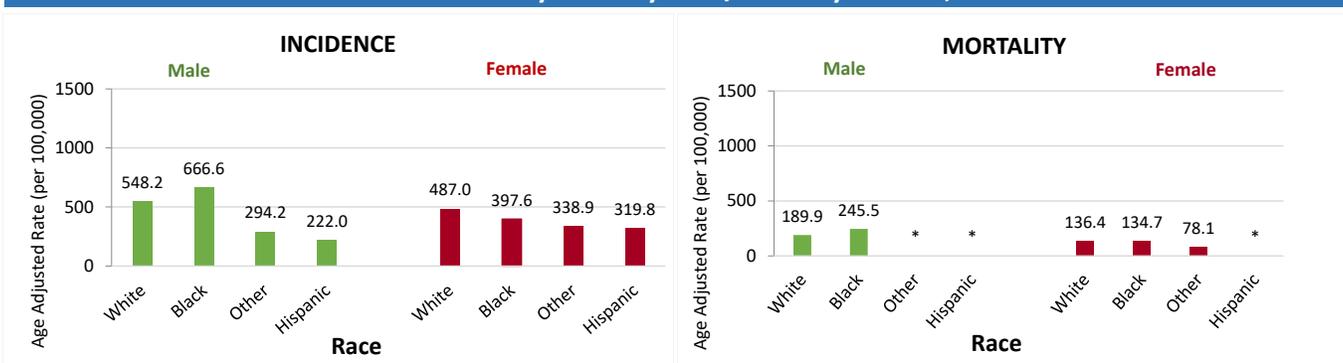
### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

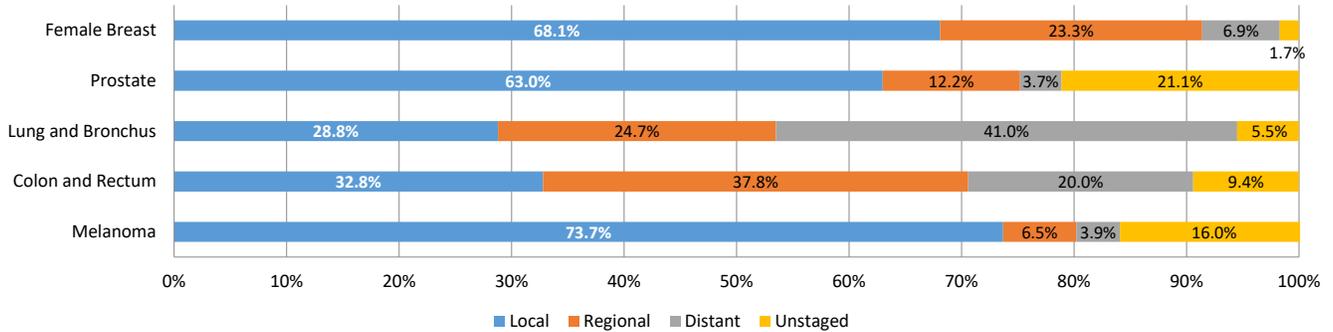
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

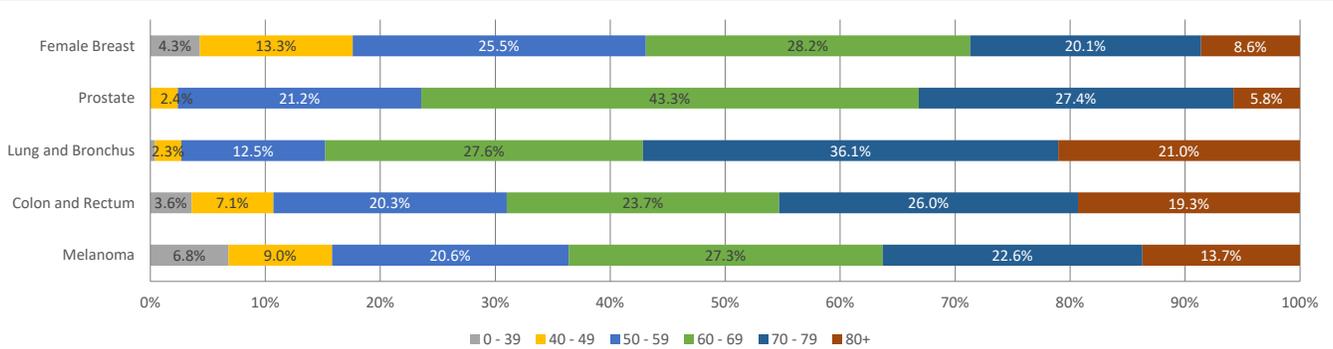
# Harford County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*

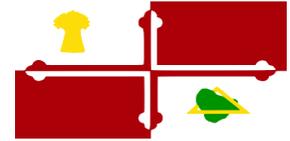


Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

\*\* 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.

# Howard County



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

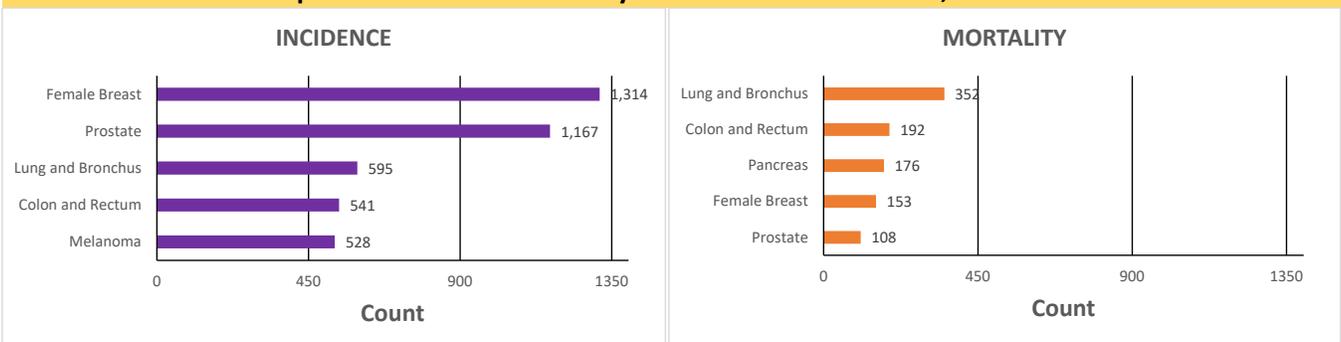
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Howard County were:

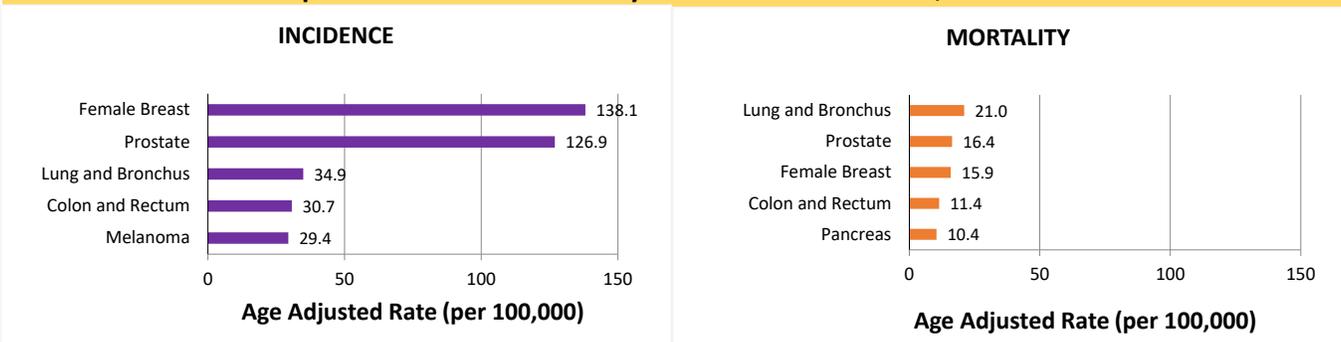
**Incidence:** 1,616 new cases of all cancer cases

**Mortality:** 427 deaths from cancer

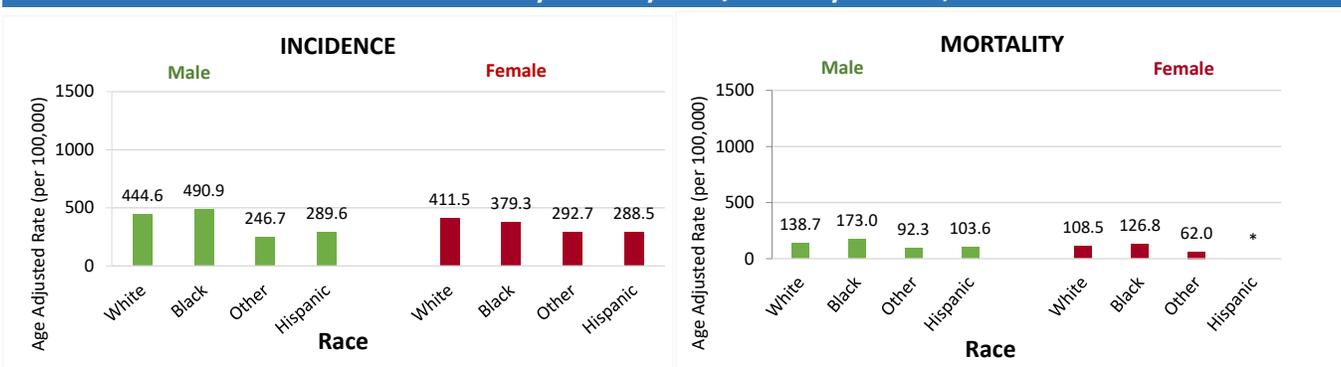
### Top 5 Incidence and Mortality Cancers Based on Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Based on Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

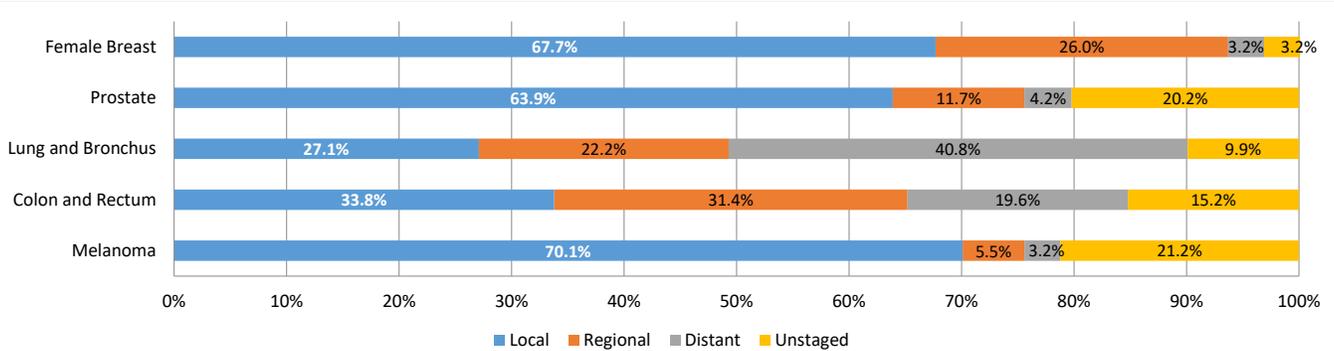
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

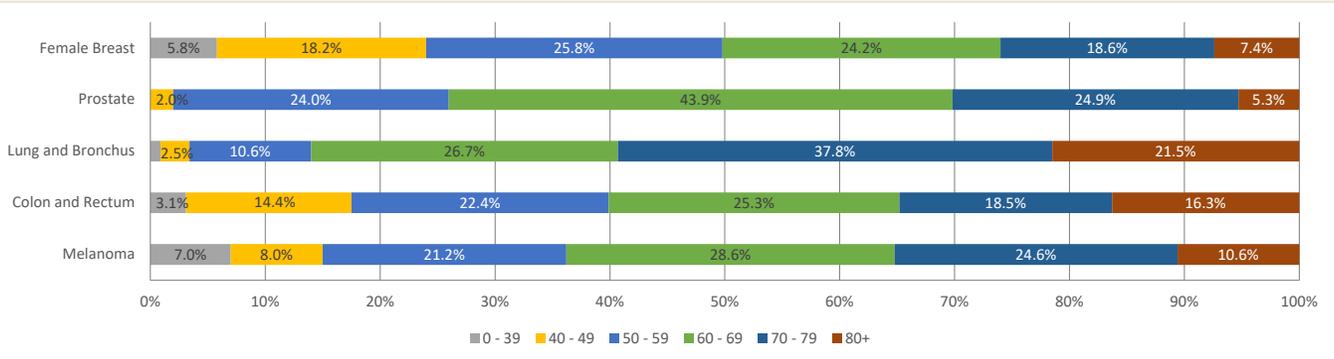
# Howard County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\***



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



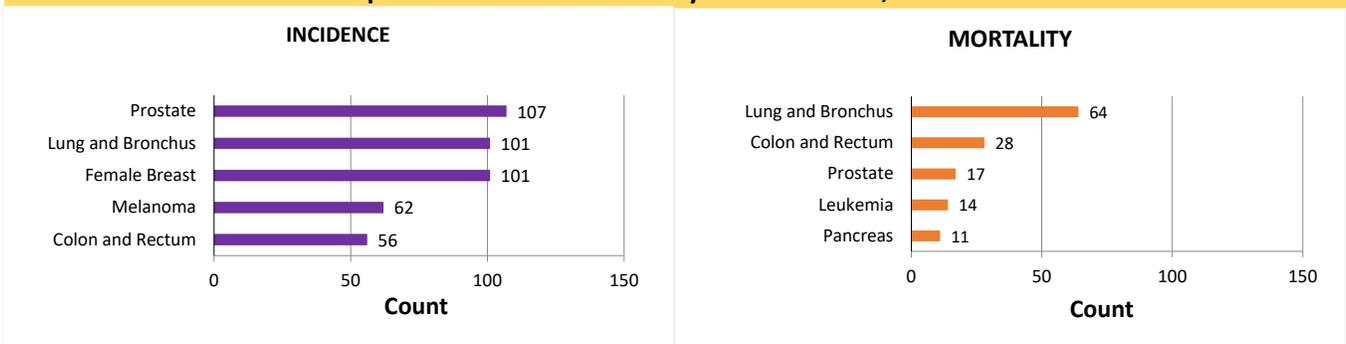
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

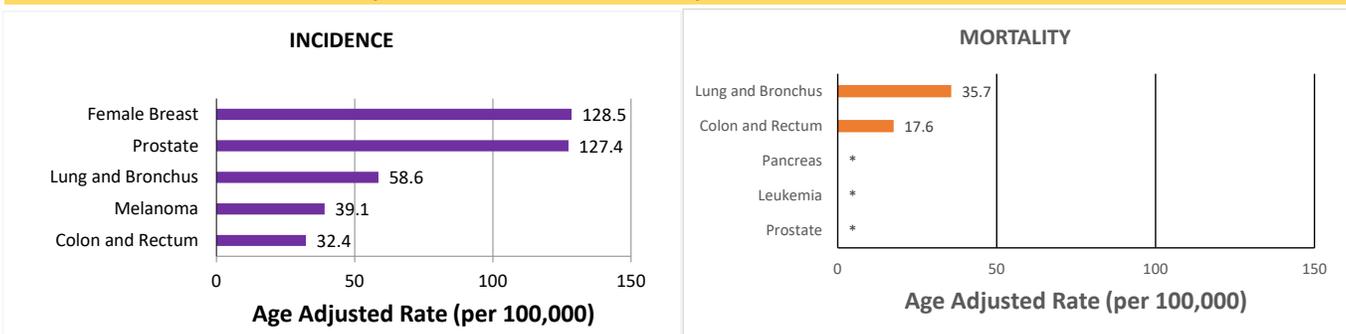
In 2019, the number of incidence and mortality cases in Kent County were:

**Incidence:** 156 new cases of all cancer cases      **Mortality:** 45 deaths from cancer

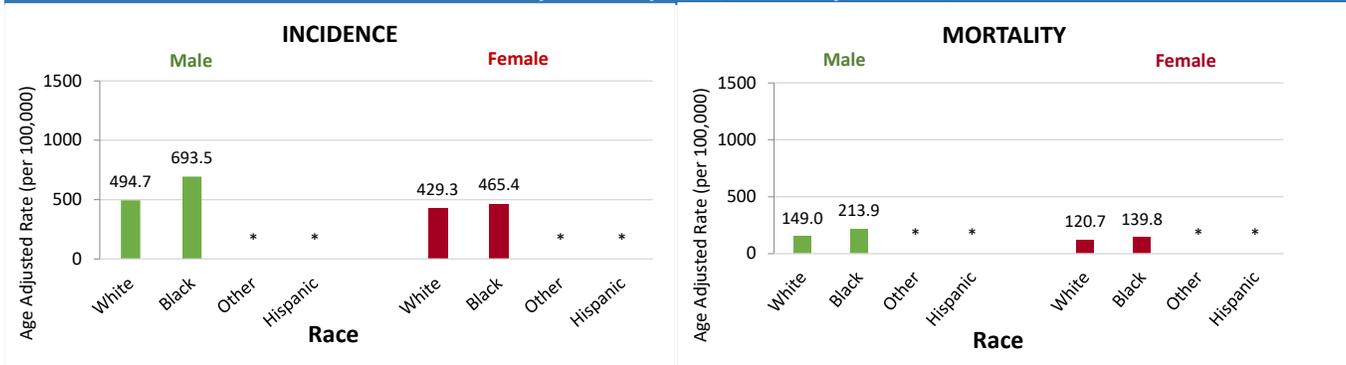
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

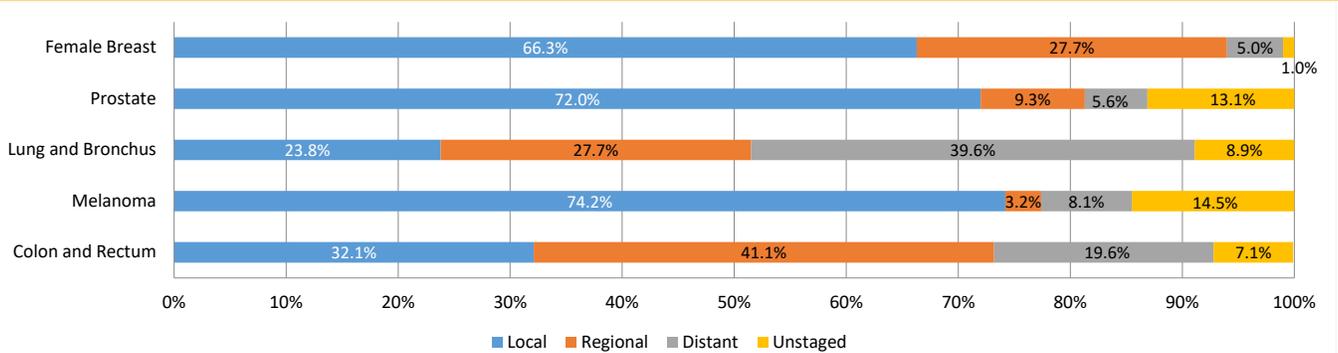
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

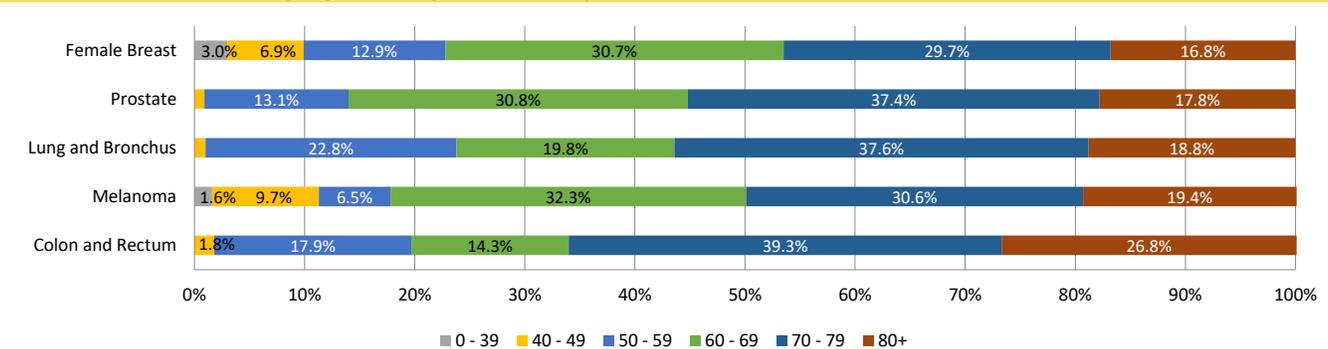
# Kent County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*

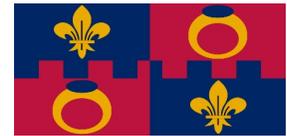


Prepared by the Maryland Cancer Registry (MCR). The MCR is the state's official source for cancer statistics. The MCR collects all new cases of reportable cancer diagnosed and/or treated in Maryland.

\*\* 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



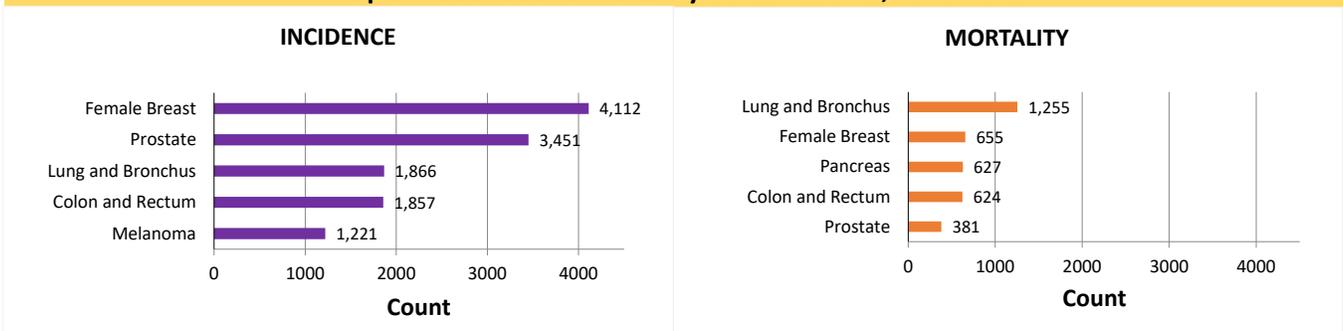
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

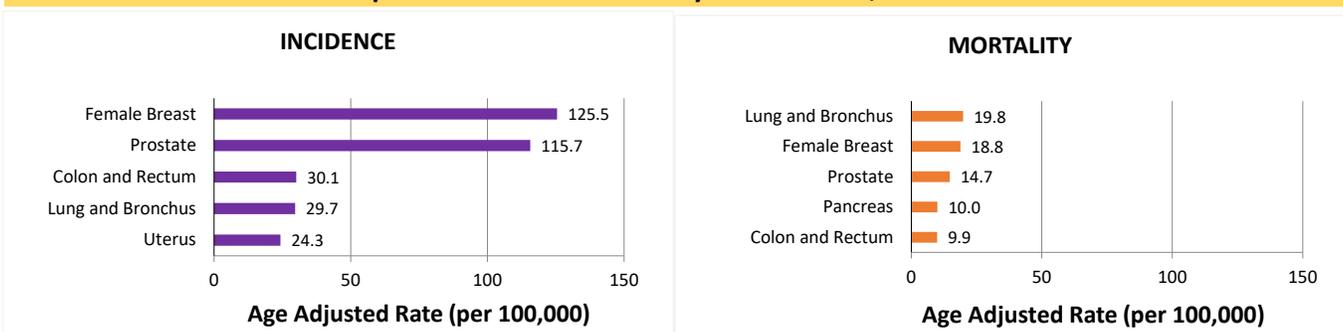
In 2019, the number of incidence and mortality cases in Montgomery County were:

**Incidence:** 5,075 new cases of all cancer cases      **Mortality:** 1,379 deaths from cancer

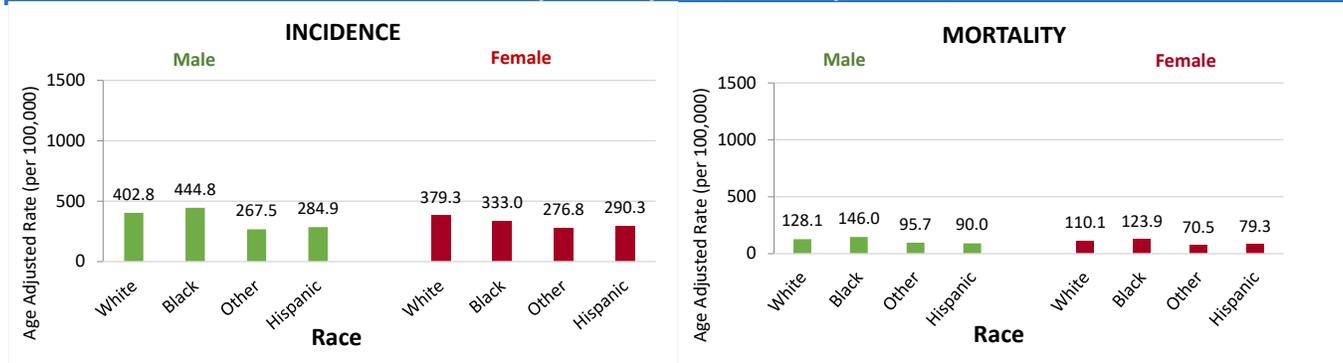
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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.

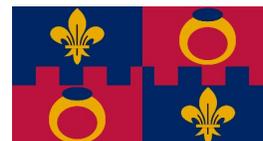
\* Suppressed rates:

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

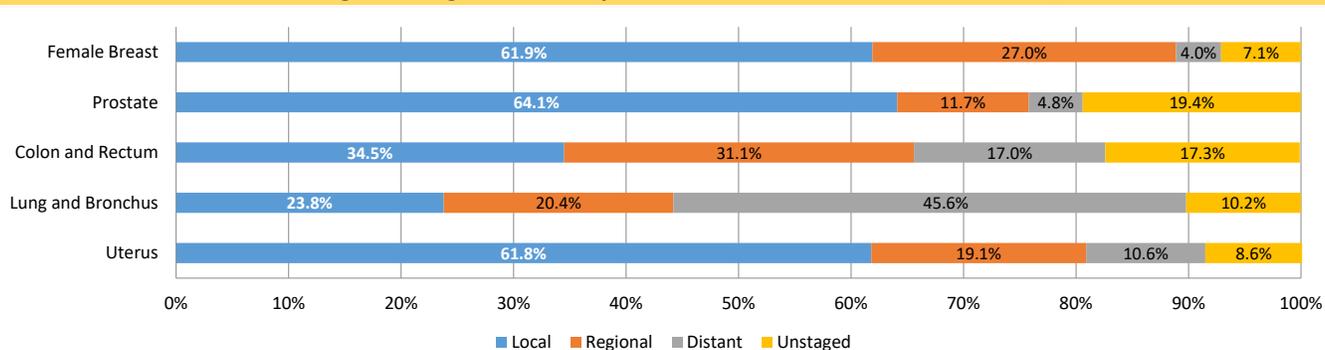
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

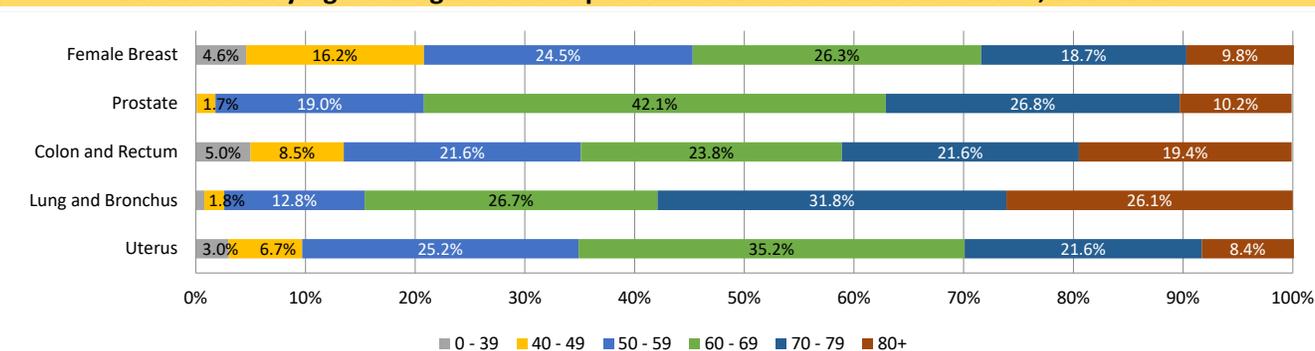
# Montgomery County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\***



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



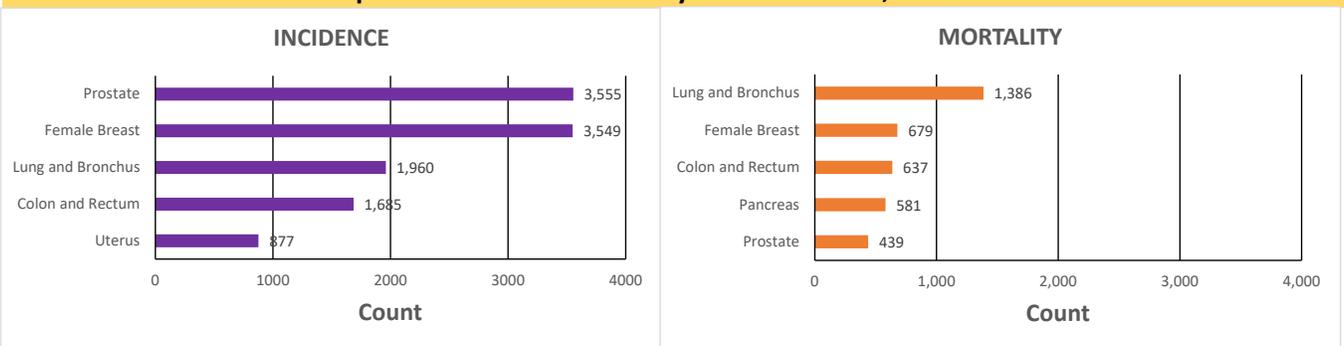
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

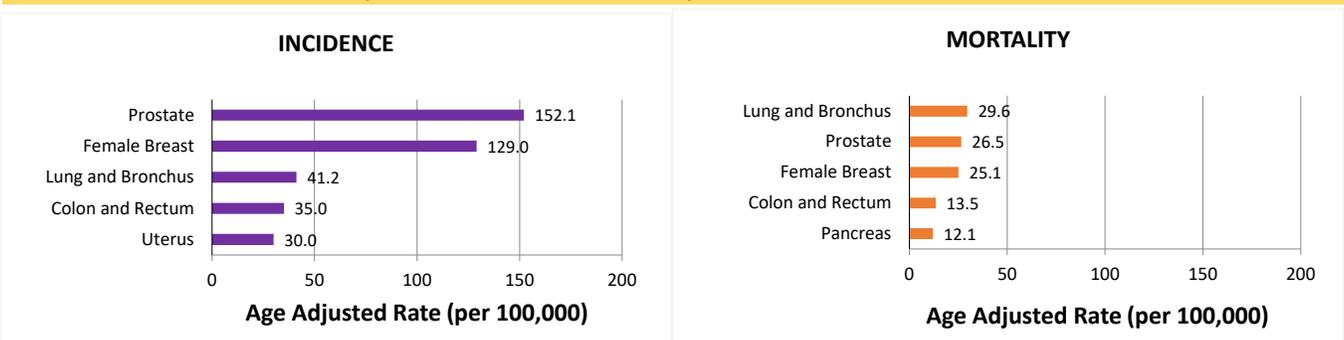
In 2019, the number of incidence and mortality cases in Prince George's County were:

**Incidence:** 4,292 new cases of all cancer cases      **Mortality:** 1,392 deaths from cancer

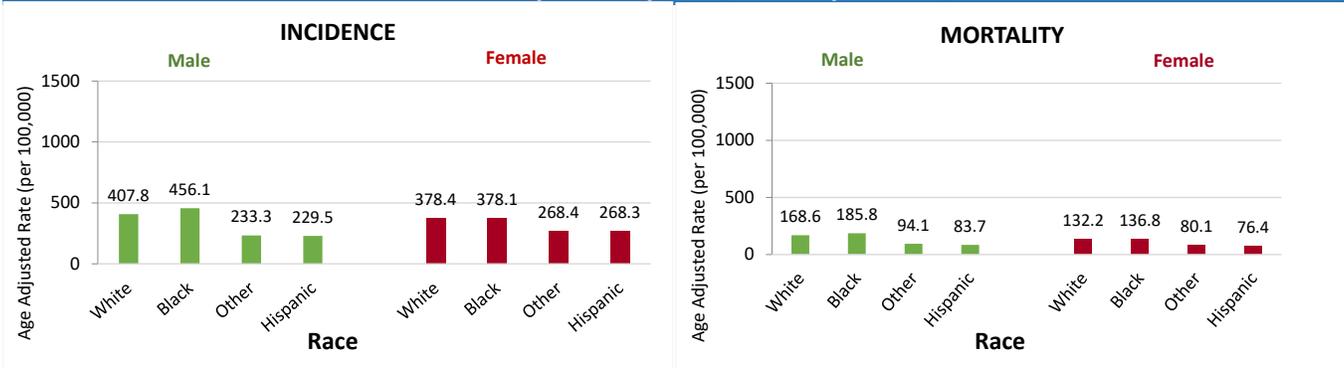
### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

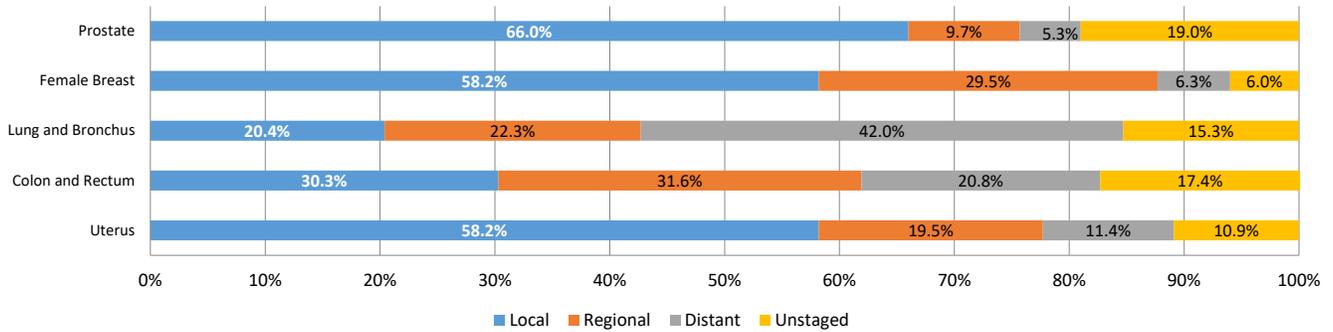
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

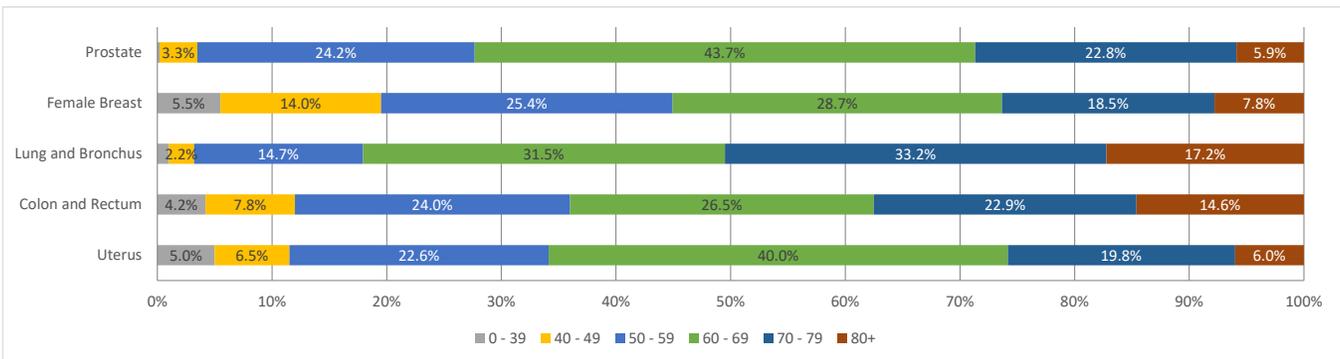
# Prince George's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution of Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

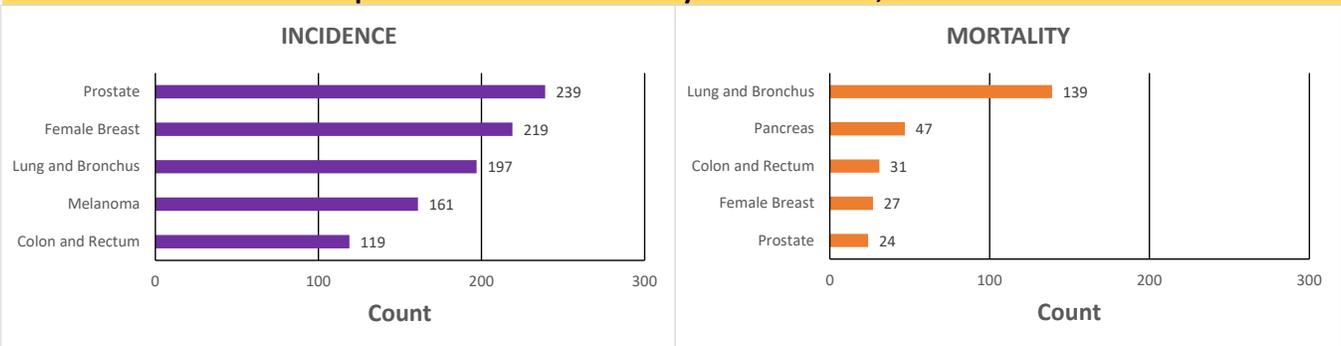
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Queen Anne's County were:

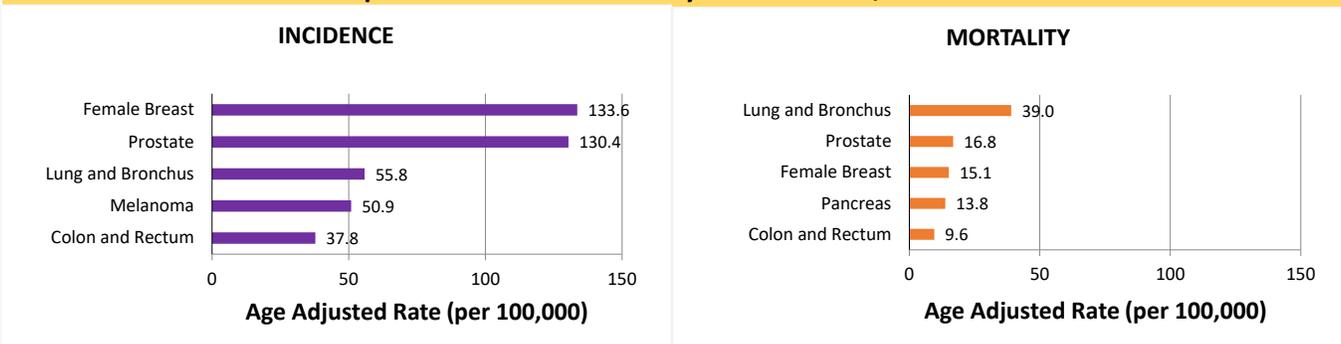
**Incidence:** 361 new cases of all cancer cases

**Mortality:** 124 deaths from cancer

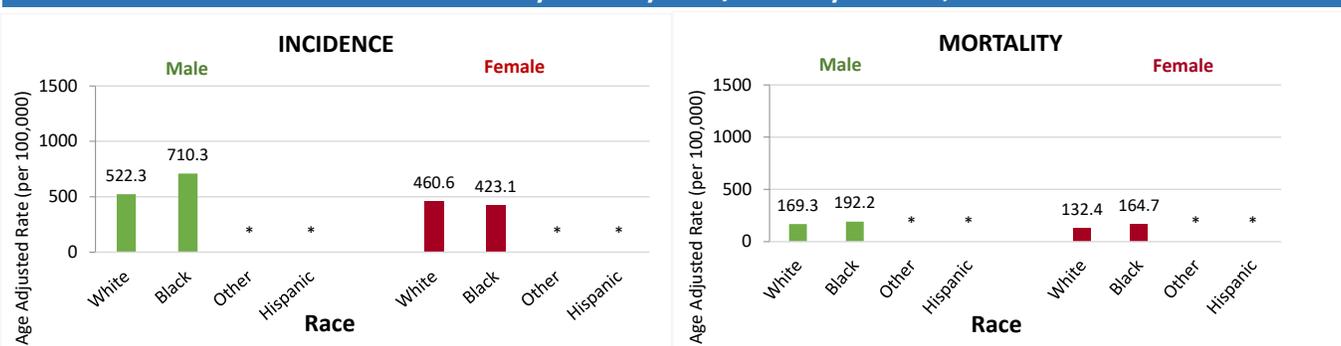
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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.

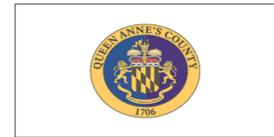
\* Suppressed rates:

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

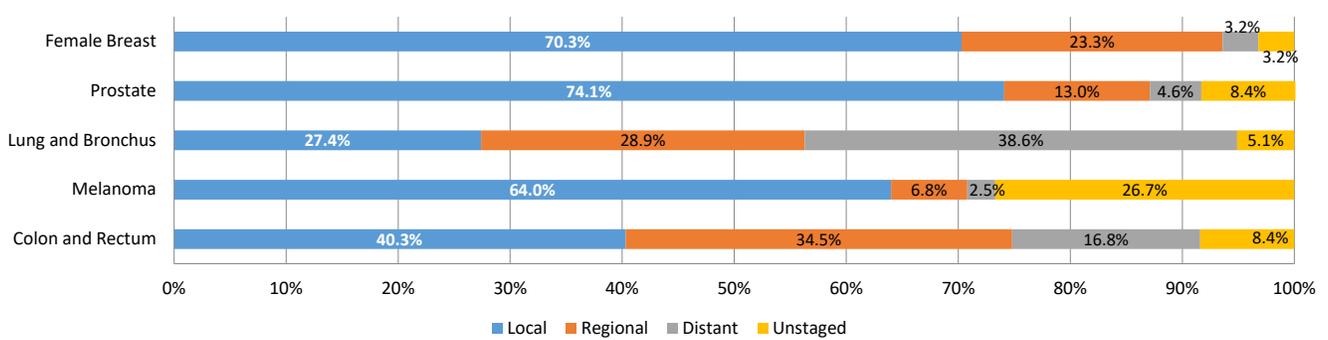
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

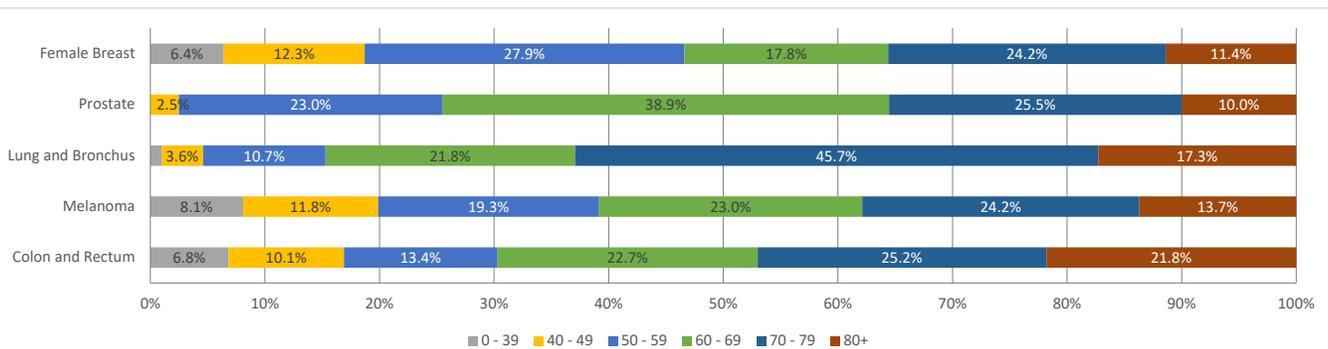
# Queen Anne's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



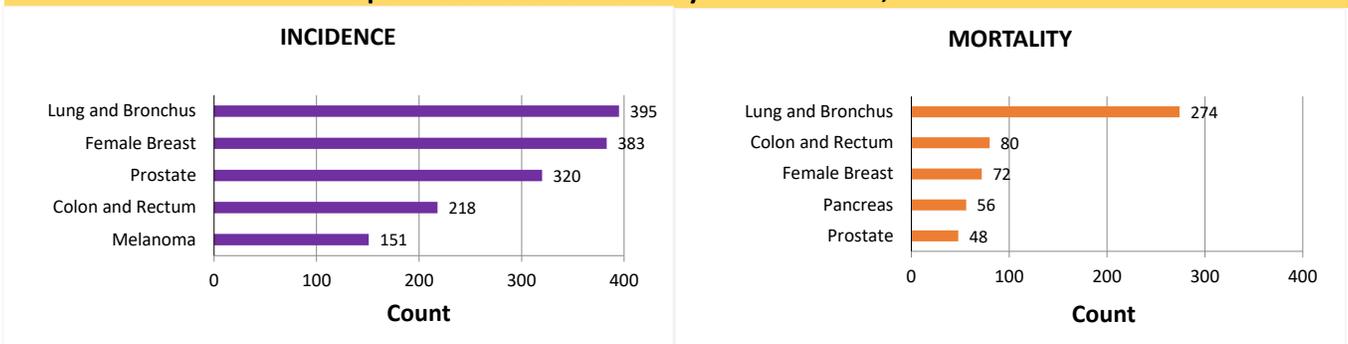
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

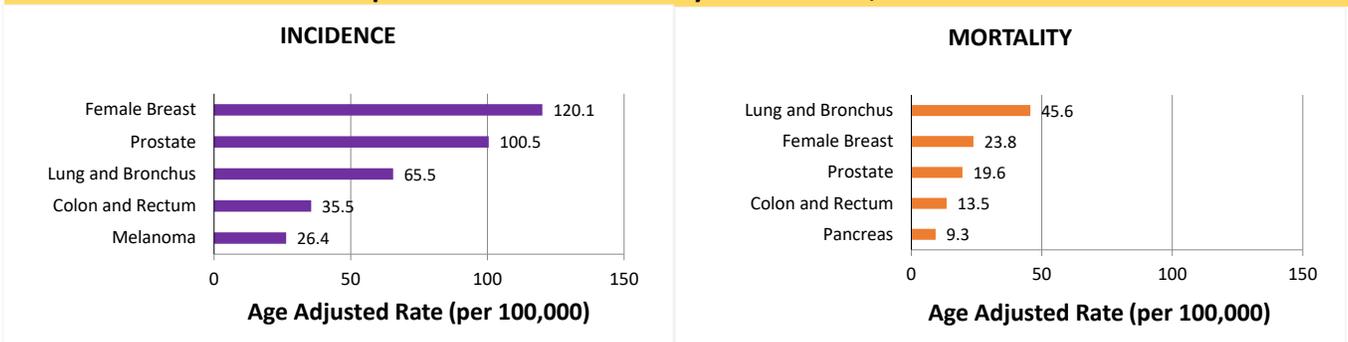
In 2019, the number of incidence and mortality cases in St. Mary's County were:

**Incidence:** 599 new cases of all cancer cases      **Mortality:** 208 deaths from cancer

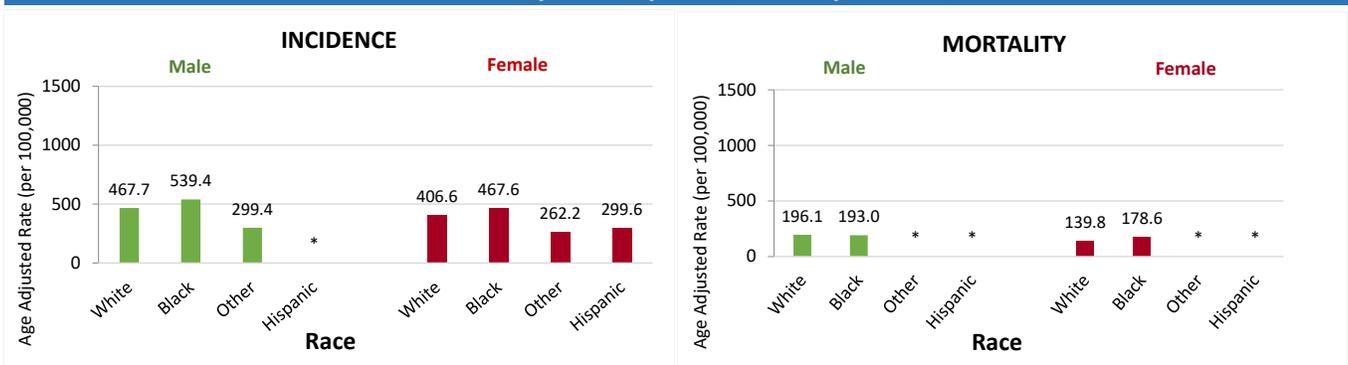
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

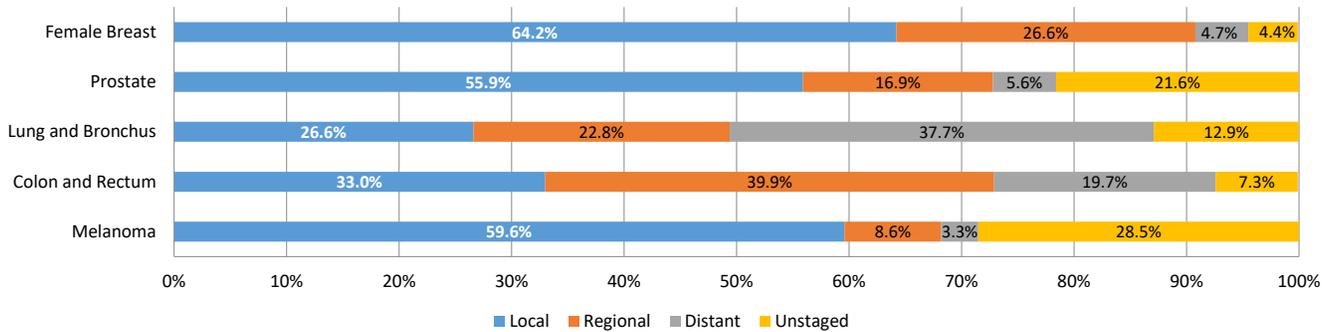
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

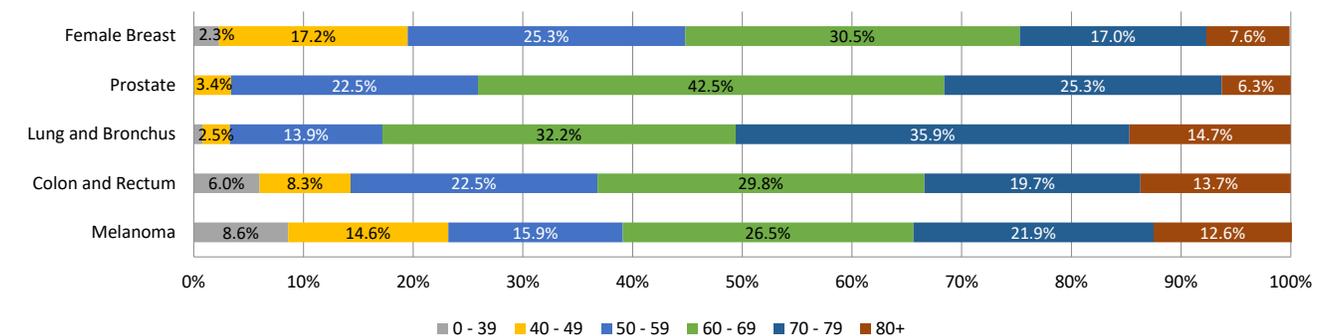
# St. Mary's County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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.

# Somerset County



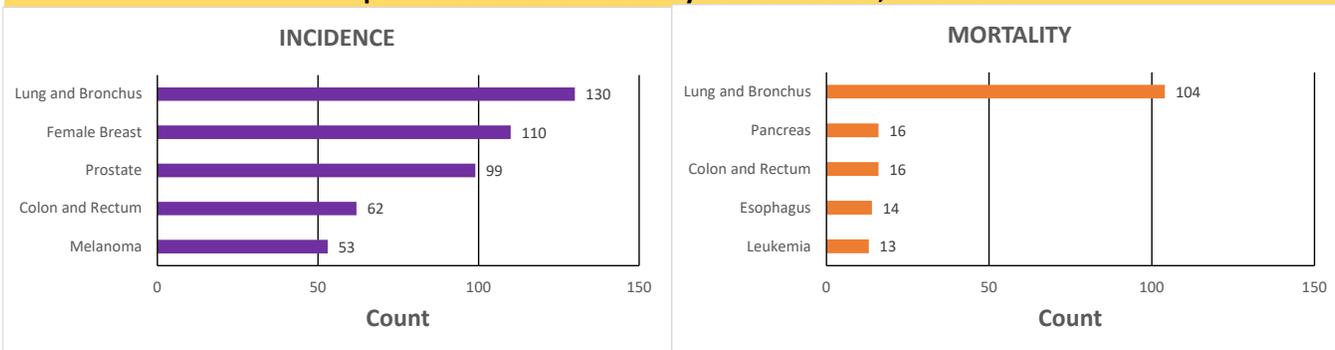
## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

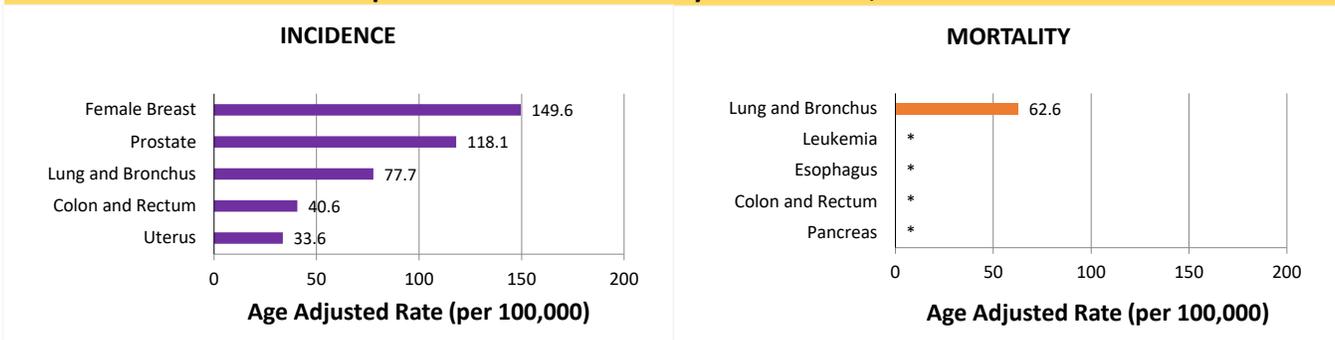
In 2019, the number of incidence and mortality cases in Somerset County were:

**Incidence:** 170 new cases of all cancer cases      **Mortality:** 64 deaths from cancer

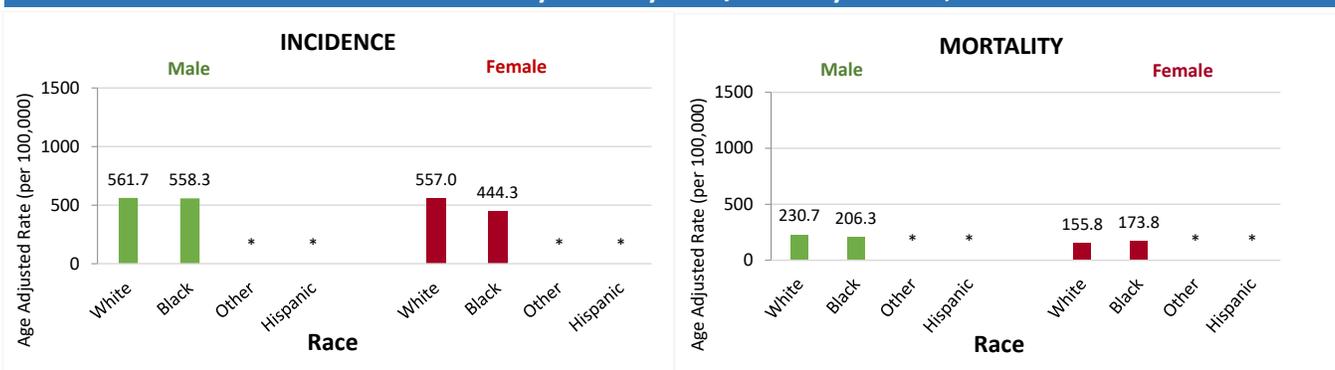
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

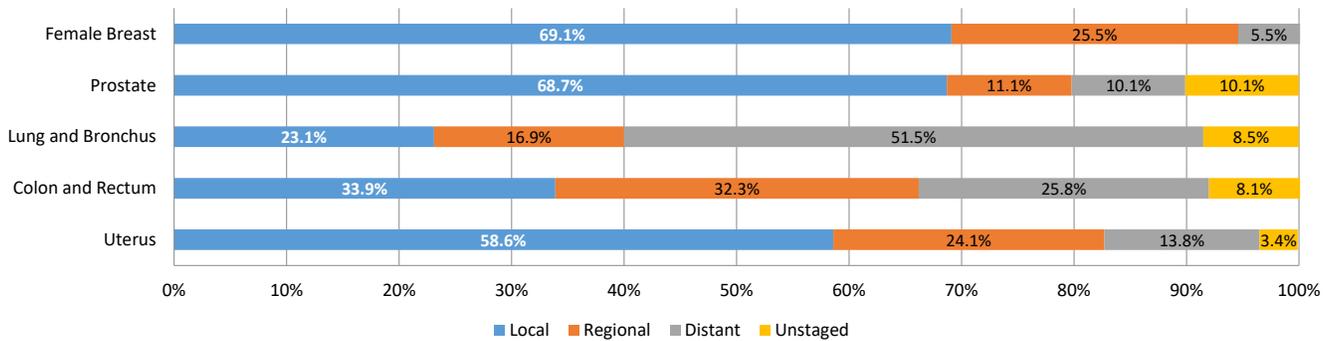
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

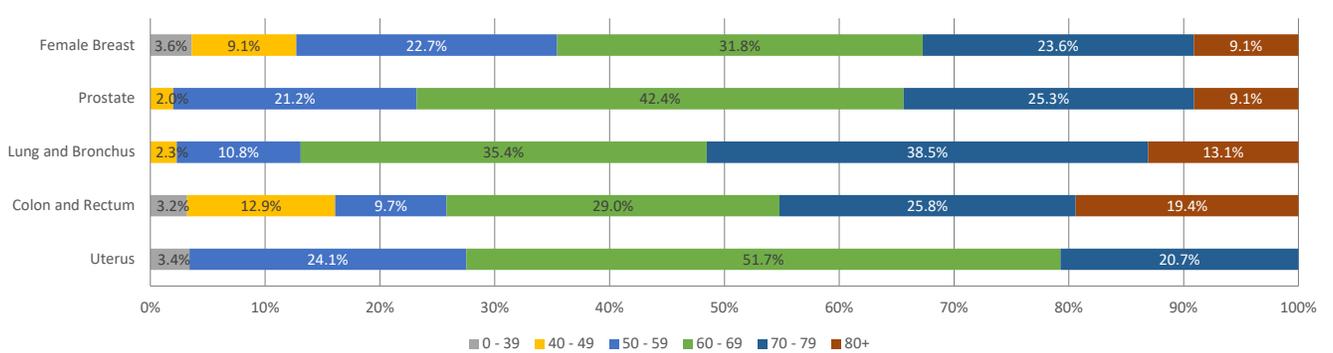
# Somerset County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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

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

# Talbot County



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

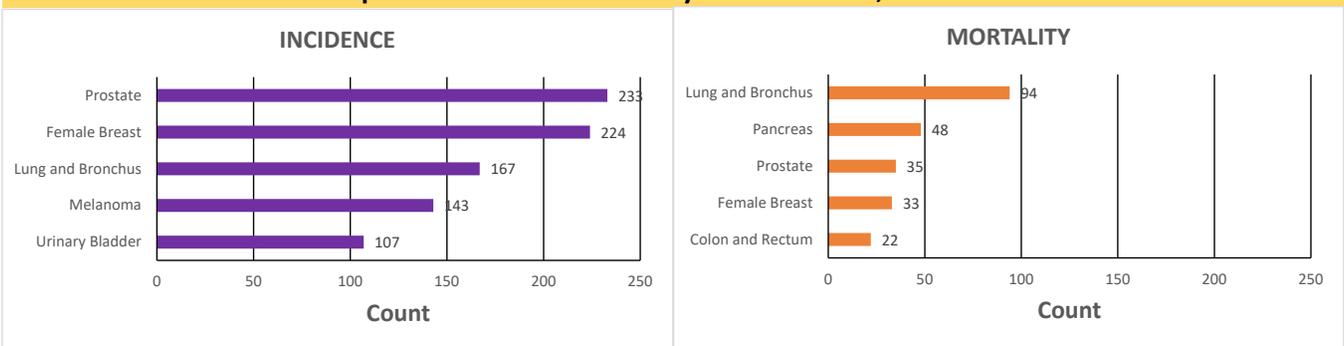
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Talbot County were:

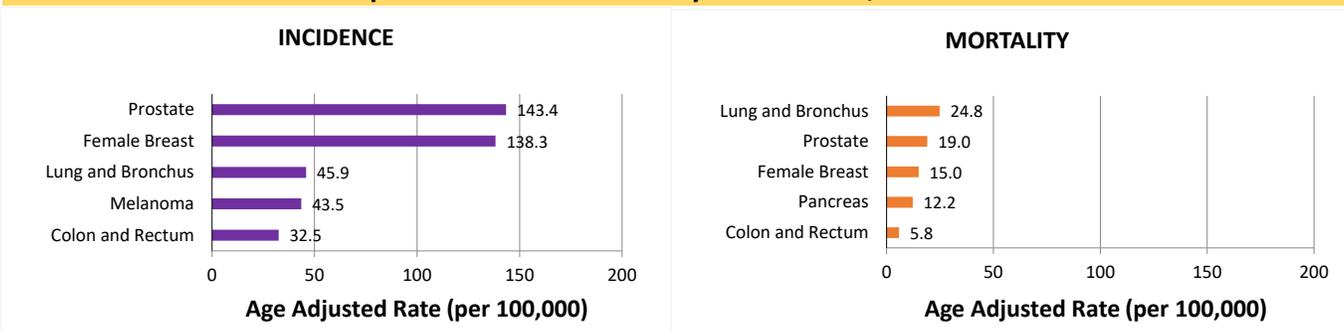
**Incidence:** 331 new cases of all cancer cases

**Mortality:** 105 deaths from cancer

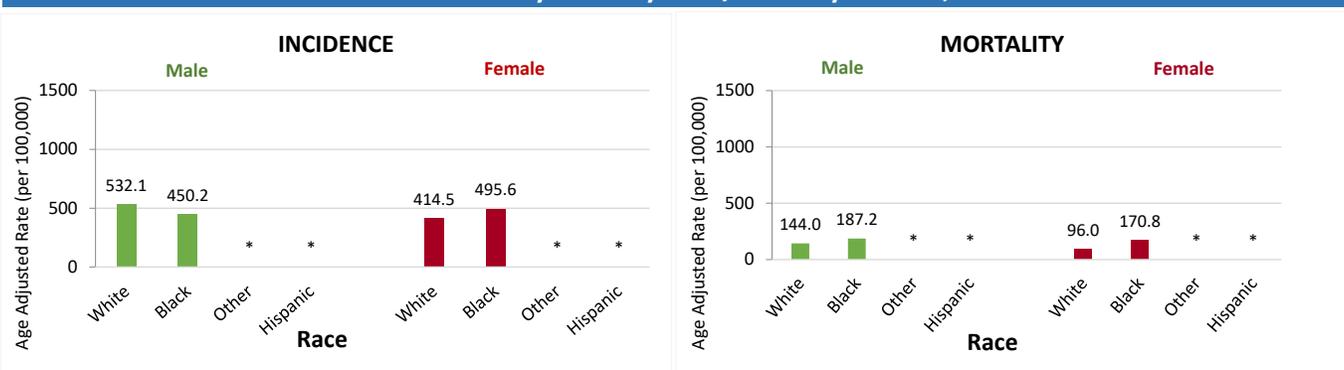
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

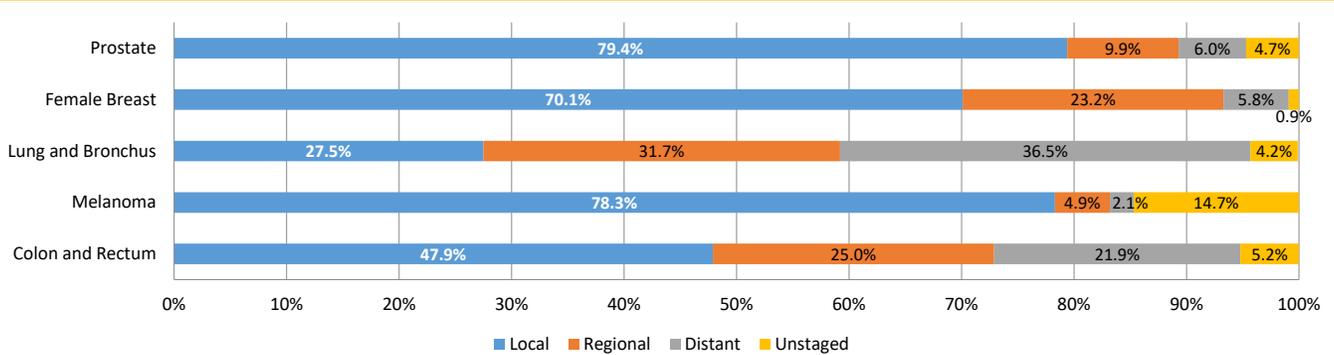
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

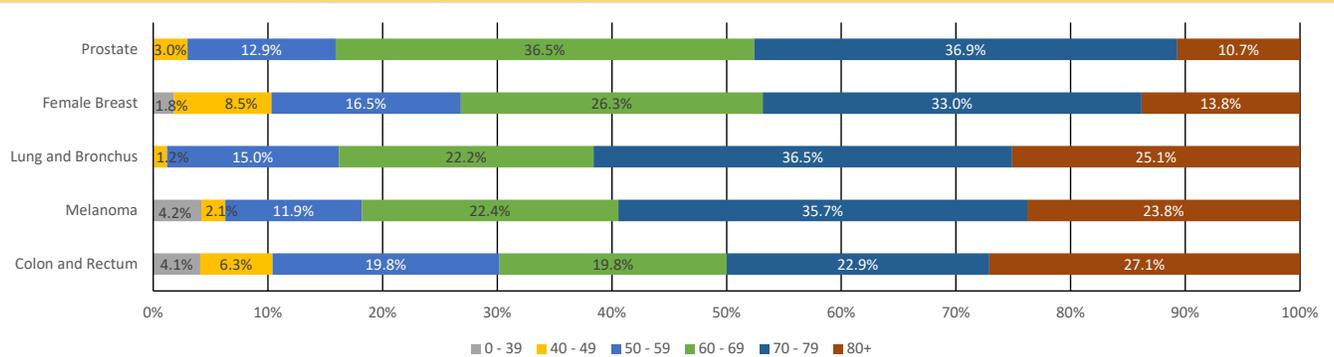
# Talbot County



**Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\***



**Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\***



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

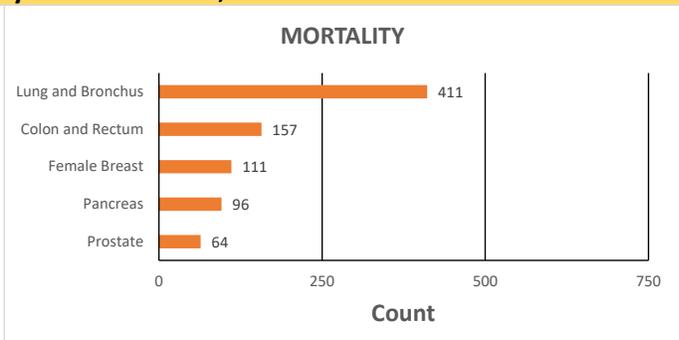
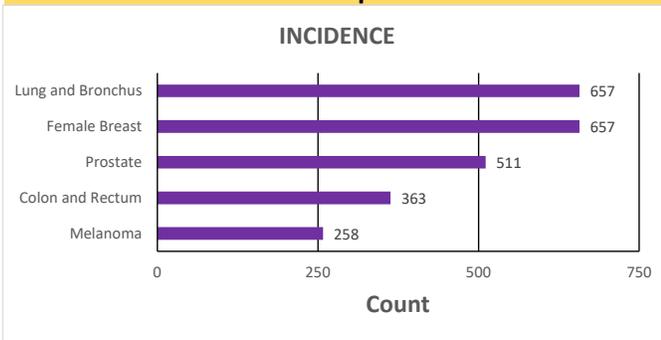
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Washington County were:

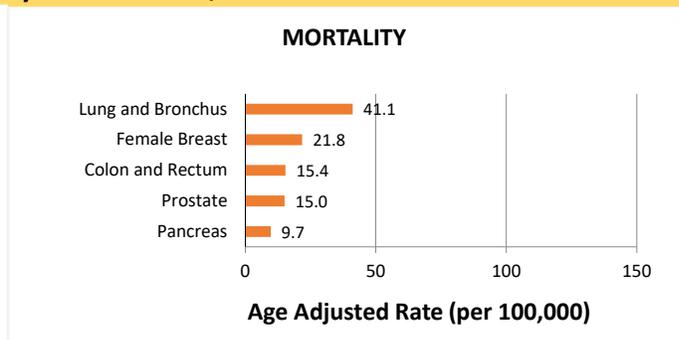
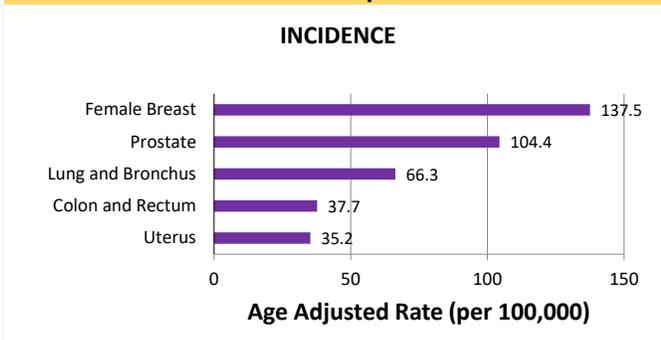
**Incidence:** 915 new cases of all cancer cases

**Mortality:** 337 deaths from cancer

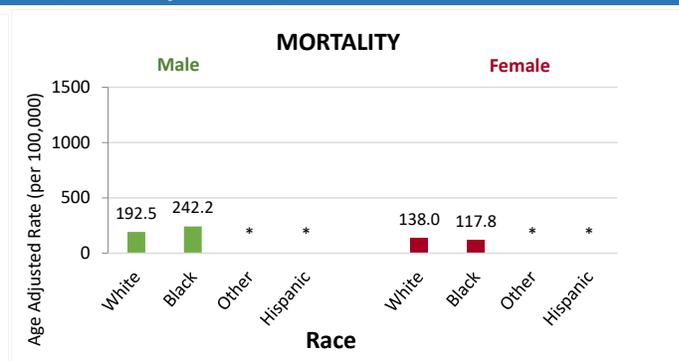
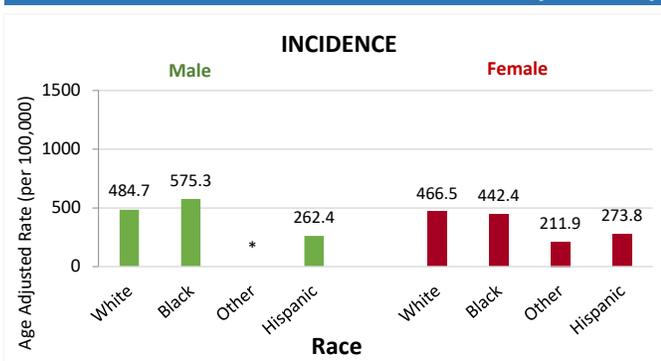
### Top 5 Incidence and Mortality Cancers Counts, 2015-2019



### Top 5 Incidence and Mortality Cancers Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

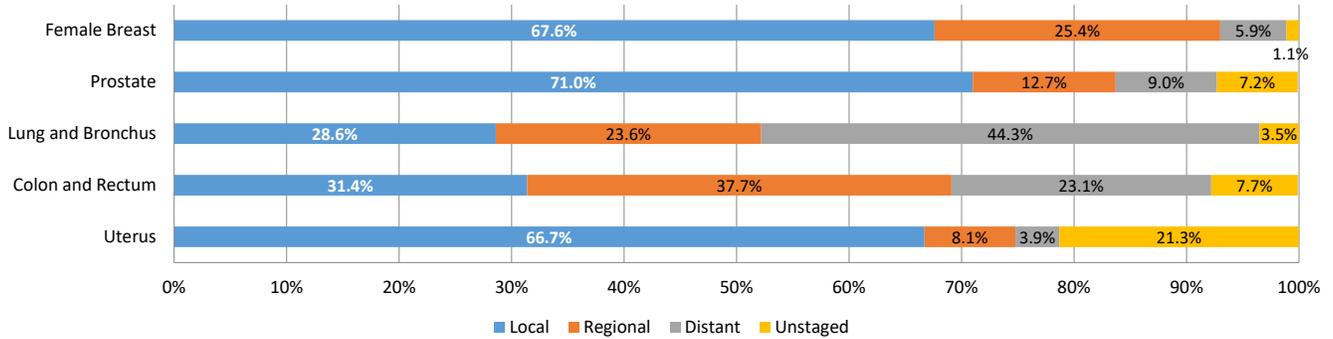
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

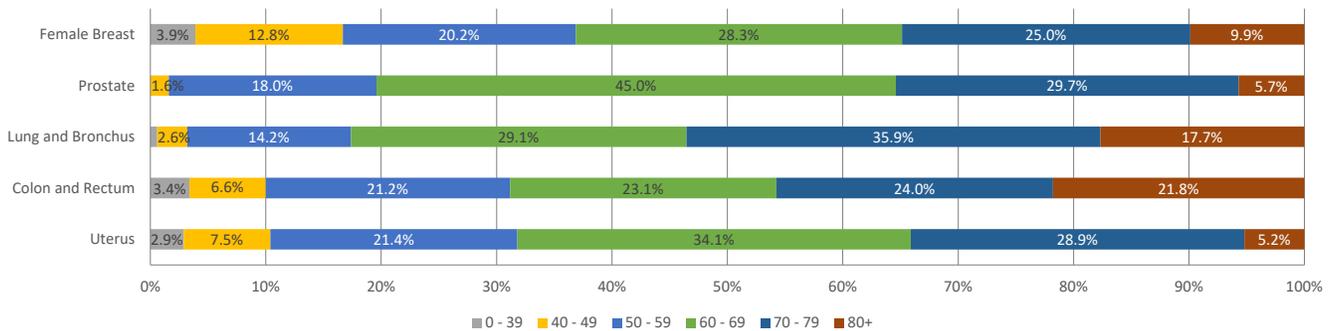
# Washington County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

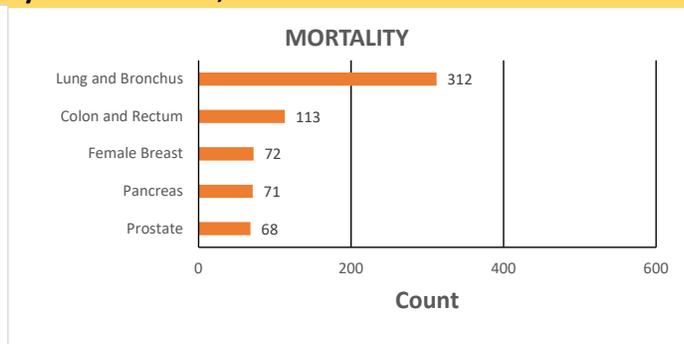
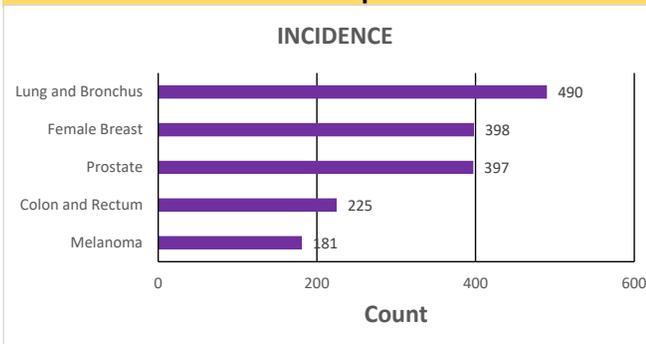
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Wicomico County were:

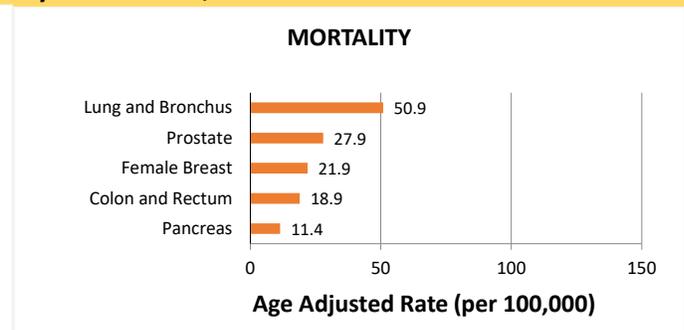
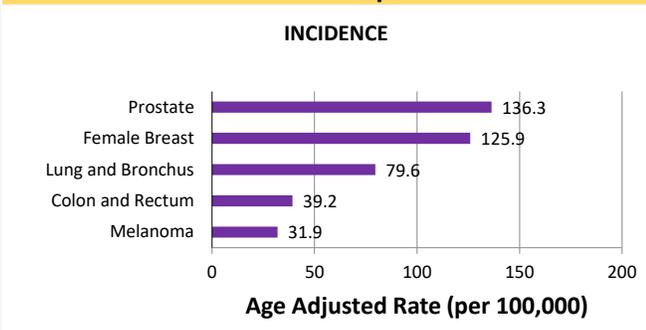
**Incidence:** 611 new cases of all cancer cases

**Mortality:** 215 deaths from cancer

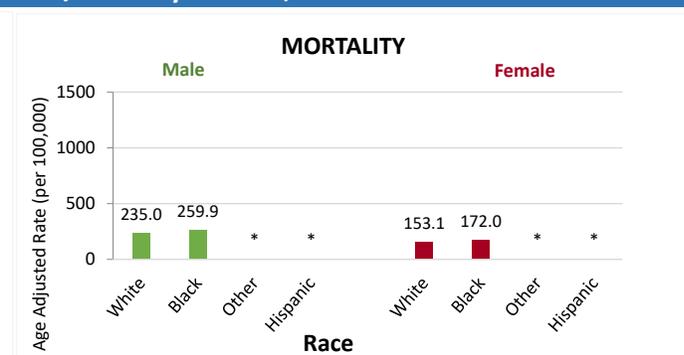
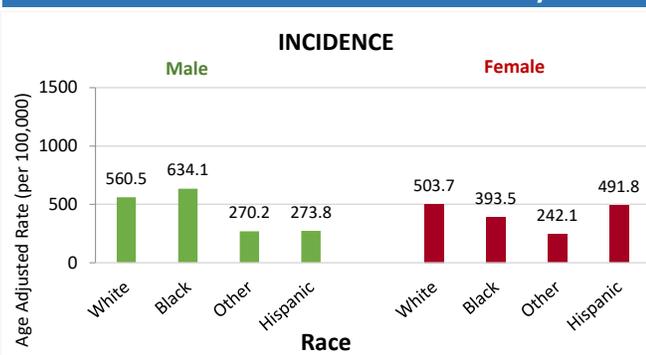
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rate, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

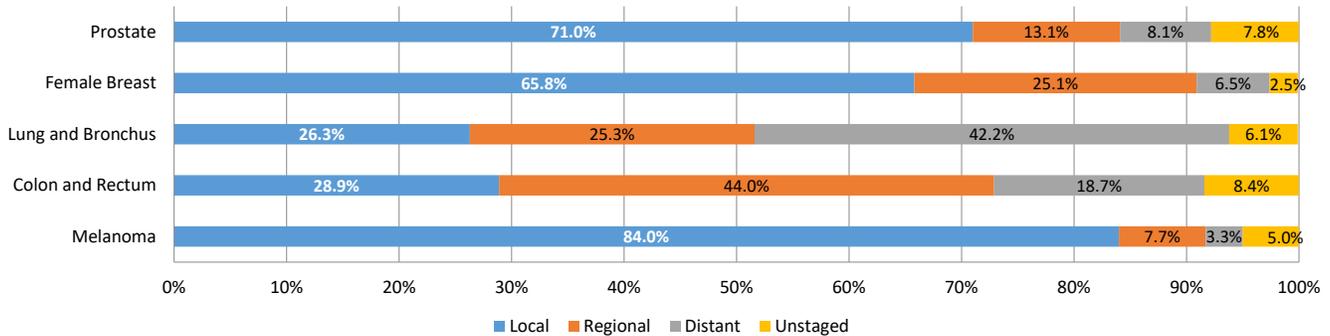
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

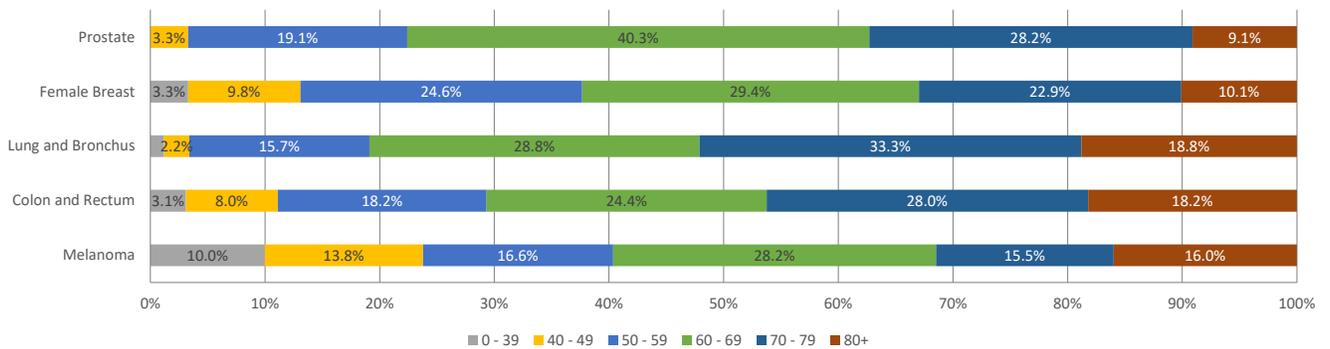
# Wicomico County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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



## 2019 MARYLAND INCIDENCE AND MORTALITY CANCER FACT SHEET

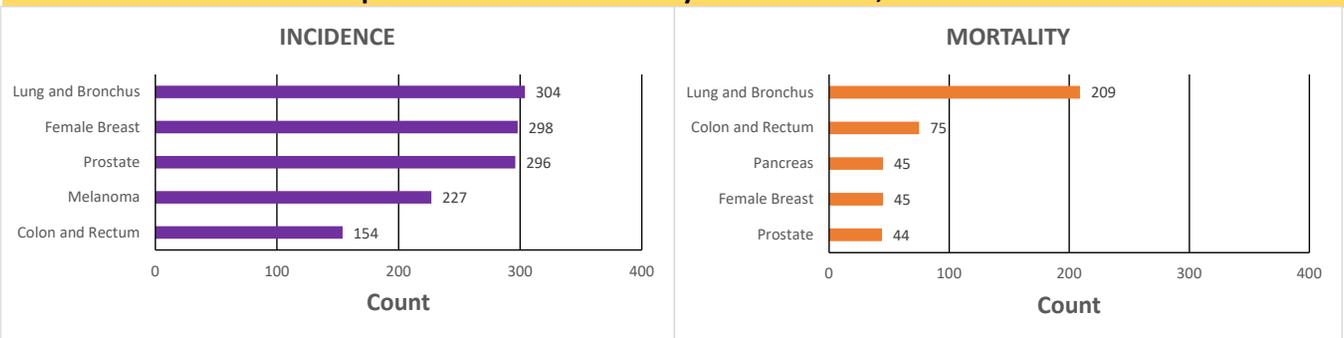
According to the Maryland Cancer Registry, a total of 34,365 Maryland residents were diagnosed with cancer in 2019. Cancer remains the second leading cause of death among people in Maryland, exceeded only by heart disease.

In 2019, the number of incidence and mortality cases in Worcester County were:

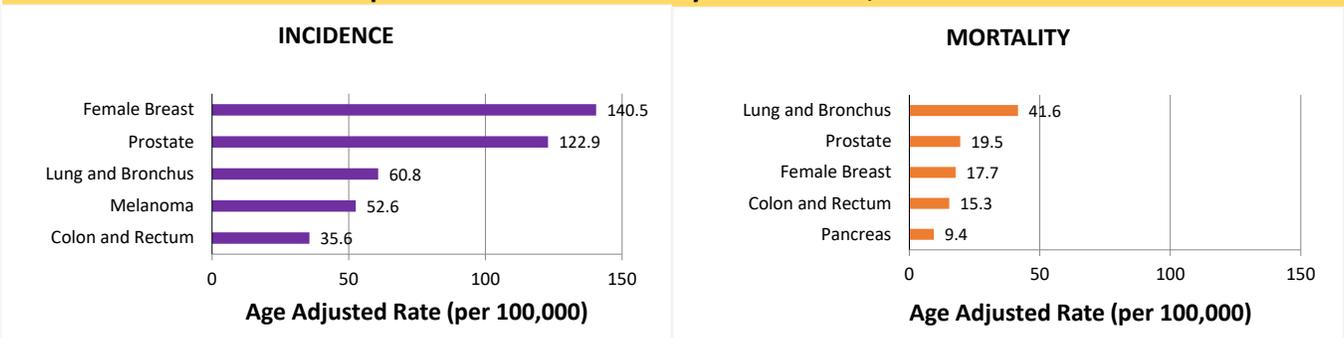
**Incidence:** 500 new cases of all cancer cases

**Mortality:** 154 deaths from cancer

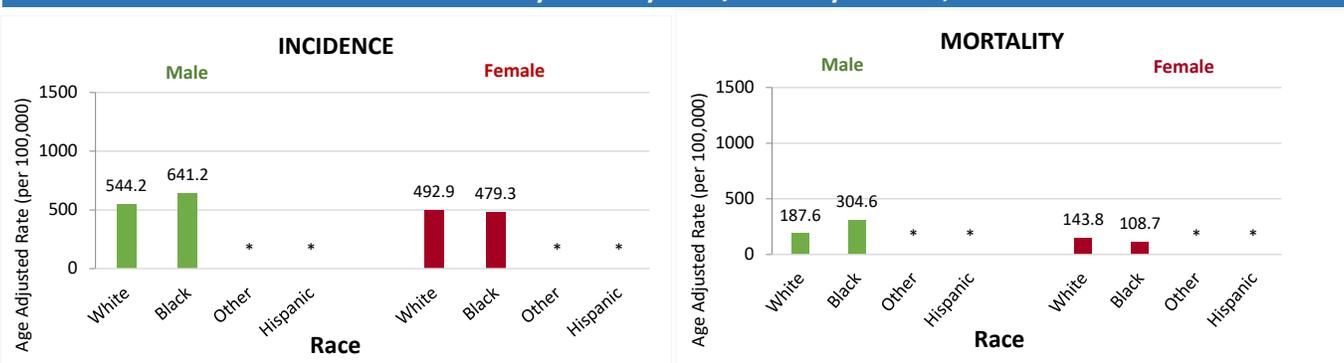
### Top 5 Incidence and Mortality Cancer Counts, 2015-2019



### Top 5 Incidence and Mortality Cancer Rates, 2015-2019



### Incidence and Mortality Rates by Race/Ethnicity and Sex, 2015-2019



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

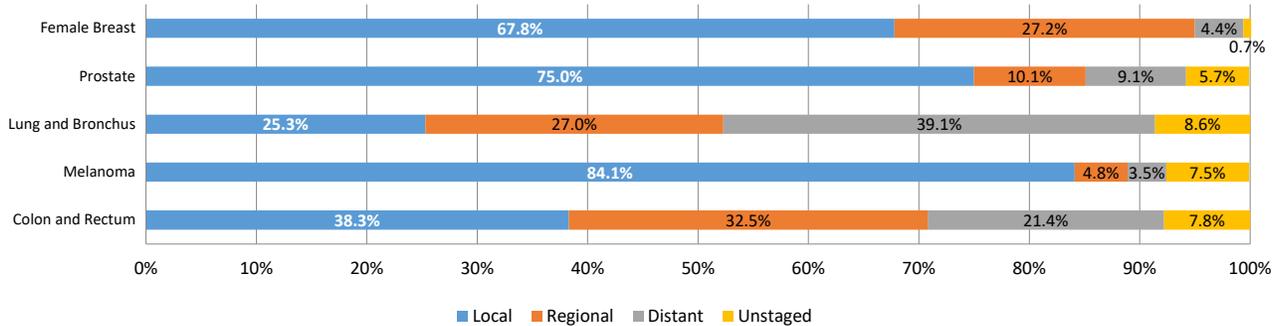
Mortality Rates based on death counts of 0-19 are suppressed per MDH / CDC Mortality Data Suppression Policy

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

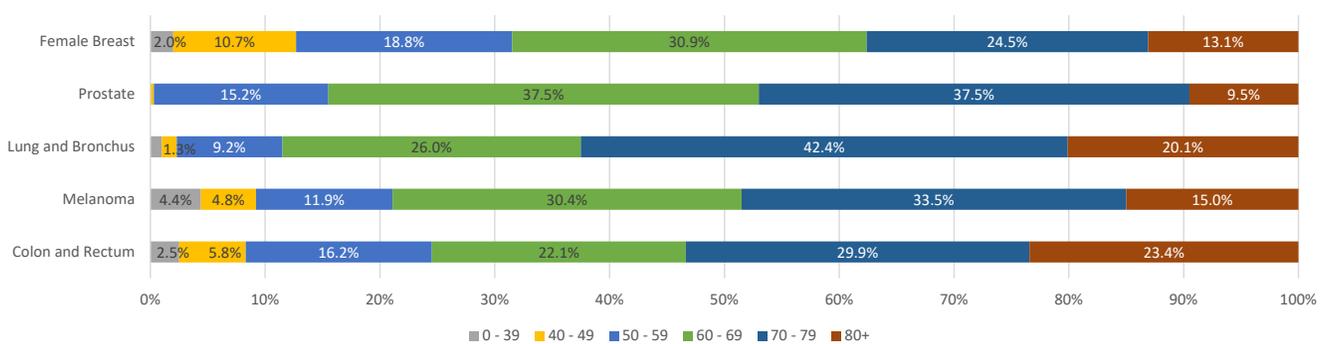
# Worcester County



## Distribution of Stage at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*



## Distribution by Age at Diagnosis for Top 5 Cancers Based on Incidence Rates, 2015-2019\*\*\*



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)

<b>Age Group</b>	<b>2000 Population</b>
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
<b>Total</b>	<b>274,633,642</b>

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 2019. Cancer incidence data are also presented in aggregated form, as the average annual incidence for the 5-year period from 2015 through 2019.
- **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 2019. Cancer mortality data are also presented in an aggregated form, as the average annual mortality for the 5-year period from 2015 through 2019.
- **Rate:** An estimate of the burden of a given disease on a defined population at risk over a specified period of time. A crude rate is calculated by dividing the number of cases or deaths (events) by the population at risk during a given time period. Cancer incidence and mortality rates are usually presented per 100,000 population during a given time period. An incidence rate is the number of new cases during a specific period (usually one year) divided by the population at risk per 100,000 population. A mortality rate is the number of deaths for a given period divided by the population at risk per 100,000 population. All rates presented in this report are age-adjusted to the 2000 U.S. standard population.
- **Stage at diagnosis:** Cancer stage is the extent to which the cancer has spread from the organ of origin at the time of diagnosis. The stage information used in this report is based on the SEER Summary Stage Guidelines:
  1. ***In situ*:** The cancerous cells have not invaded the tissue basement membrane and no stromal invasion. *In situ* cancers are not considered malignant (with the exception of bladder cancers) and are not included in incidence rate calculations.
  2. **Local:** The tumor is confined to the organ of origin.
  3. **Regional:** The tumor has spread to adjacent organs or tissue. Regional lymph nodes may also be involved.
  4. **Distant:** The tumor has spread beyond the adjacent organs or tissues. Distant lymph nodes, organs, and/or tissues may also be involved.
  5. **Unstaged:** The stage of disease at diagnosis could not be classified (often due to insufficient information) or was not reported to the cancer registry.

For comments or questions about this report, contact:

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