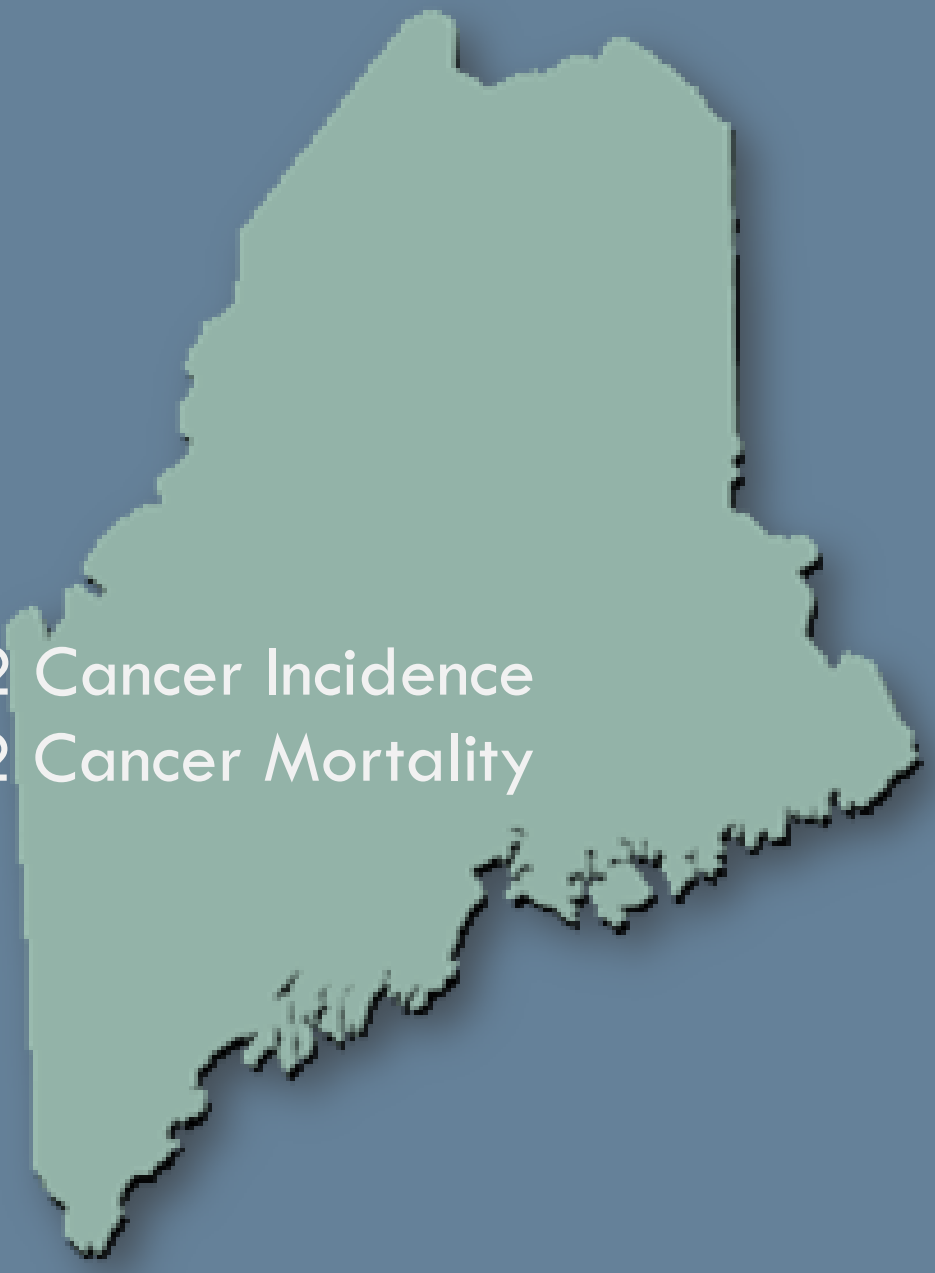
MAINE
ANNUAL CANCER REPORT 2015



2012 Cancer Incidence
2012 Cancer Mortality

Maine CDC Cancer Registry

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INTRODUCTION

The Maine CDC Cancer Registry collects information on all cancer cases diagnosed in Maine according to State Law Title 22, Chapter 255. The 2015 annual report is based on 2012 cancer incidence and mortality data. Cancer data in Maine (and other states) are available approximately three years after the reporting period. This time-lag is consistent with reporting standards used throughout the U.S. to ensure high quality data. Reasons for this delay include the time it takes for a state cancer registry:

- to receive cancer cases from reporting sources including hospitals and pathology labs,
- to follow up to ensure important information about the cancer is correct,
- to consolidate state data, and
- to carry out data quality checks.

The report provides information on the most frequently diagnosed cancer types in Maine.

The purpose of this report is to summarize data on newly diagnosed cases of cancer (incidence) and deaths associated with cancer (mortality) among Maine residents. Data are presented at the county and public health district levels for all cancer types combined, the top four cancers in Maine (female breast, prostate, lung, and colorectal cancers), tobacco-related cancers combined (excluding lung cancer), urinary bladder cancer and cervical cancer.

The information contained in this report may be used to determine cancer burden and to guide programs and policies targeted at reducing the impact of cancer. Additional information and publications about cancer in Maine can be found at the websites of the Maine CDC Cancer Registry[1] and the Maine CDC Comprehensive Cancer Control Program[2].

[1] Maine CDC Cancer Registry - List of Publications http://www.maine.gov/dhhs/mecdc/population health/mcr/reports/index.htm

[2] Maine CDC Comprehensive Cancer Control Program http://www.maine.gov/dhhs/mecdc/population-health/ccc/index.shtml

SUMMARY OF FEATURES

- Tables present the rates of new cancers and deaths in Maine residents by site (part of the body), gender and county;
- U.S. data by site and gender are included for comparisons with Maine data;
- Age-specific incidence data are presented for all-sites combined, the top cancer sites and bladder cancer;
- Data are presented for malignant and non-malignant incident cases of brain and other nervous system tumors;
- Data are presented for groups of cancers that are obesity-related and HPV-associated;
- Data are presented for a summary grouping of tobacco-related cancers whose definition has been updated to include colorectal and liver cancer;
- Charts are included to demonstrate trends in incidence and mortality for all-sites combined and selected cancers (see pages 23-30, 55-56); and
- Maps display county-level and public health district-level rates of incidence and mortality for all-sites combined and selected cancers (see pages 24-25, 39-40).

TECHNICAL NOTES

Rates:
Incidence and mortality rates are calculated per 100,000 population and are age-adjusted to the year 2000 U.S. standard population.

Confidence Intervals and Statistical Significance:
Ninety-five percent confidence intervals are provided for all rates. If the 95 percent confidence intervals for two rates overlapped, the incidence rates were considered similar. If the confidence intervals did not overlap, the rates were considered to be significantly different. Maine rates that are higher than nationally comparable rates or county/district rates that are higher than Maine rates are shaded .

Data Analysis:
Counts and rates presented in this report were produced using the Surveillance Research Program, National Cancer Institute, SEER*Stat 8.2.1 software.

Data Sources:
Maine incidence data are obtained from the Maine CDC Cancer Registry. Mortality data for Maine and the U.S. are provided by the National Center for Health Statistics. National data are used for comparisons to Maine rates. Incidence data for U.S. and U.S. White rates were provided by the North American Association of Central Cancer Registries (NAACCR). The datafile, NAACCR Cancer in North America (CINA) Plus Standard File, includes incidence data from registries that met the NAACCR criteria for high quality incidence data and consented to inclusion. U.S. comparison data for obesity-related and HPV-associated cancers were from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute (SEER 18 dataset) and represents about 27.8 percent of the U.S. population.

National Comparisons:
All statistical comparisons in this report involving national estimates are based on rates for whites due to the predominantly white population in Maine, although CINA and SEER incidence rates and national mortality rates for both whites and all races have been provided. These estimates appear under the headings 'CINA Whites' and 'CINA All races' or 'SEER Whites' and 'SEER All races'.

CASE DEFINITIONS

Incidence Case Definitions:
Case definitions for single cancers and 'all sites' are included in Appendix 1. Definitions for cancer groupings used in this report (HPV-associated, obesity-related, tobacco-related) are included in Appendix 2.

Mortality Case Definitions:
Case definitions of underlying cause of death using ICD-10 codes are included in Appendix 3.

Tobacco-related Cancers:
Tobacco-related cancers excluding lung cancer are included in this report due to their increasing clinical and epidemiologic significance. Tobacco-related cancers are those that are defined by the U.S. Surgeon General as having direct causal relationships to tobacco use (Surveillance for Cancers Associated with Tobacco Use — United States, 1999–2004). The list of tobacco-related cancers was expanded in 2014 to include the following: laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical and acute myeloid leukemia. Beginning with data presented in this year's report, cancers of the liver and colon and rectum are included based on an expanded list of tobacco-related cancers released in 2014 (The Health Consequences of Smoking: 50 Years of Progress. A Report of the Surgeon General).

Obesity-related Cancers:
According to the 2007 expert report published by the World Cancer Research Fund and American Institute of Cancer Research, there is convincing evidence that greater body fat is a cause of adenocarcinoma of the esophagus, as well as cancers of the pancreas, colon, kidney, endometrium, and breast (postmenopausal). Due to the prevalence of obesity in Maine, this group of cancers is included in the cancer report.

HPV-associated Cancers:
A separate set of tables presenting cancers that are associated with Human Papillomavirus (HPV) infection are included in this report. There is variability in the degree of association: for example, nearly 100 percent of cervical cancers, 90 percent of anal cancers and 35 percent of oropharyngeal cancers are associated with HPV. The proportion of

HPV association for oral and oropharyngeal cancer sites is increasing. HPV infection is overtaking tobacco and alcohol in the causation of these cancers.

GEOGRAPHY

Maine Public Health Districts:

In 2007, the Maine Center for Disease Control and Prevention created eight public health districts, each district made up of one or more counties. Cancer rates have been calculated for districts in addition to counties. The table below shows the counties in each district.

Public Health District	Counties
Aroostook District	Aroostook County
Central District	Kennebec County, Somerset County
Cumberland District	Cumberland County
Downeast District	Hancock County, Washington County
Midcoast District	Lincoln County, Knox County, Sagadahoc County, Waldo County
Penquis District	Penobscot County, Piscataquis County
Western District	Androscoggin County, Franklin County, Oxford County
York District	York County

Rates by County/District:

The number of new cancer cases reported in a county or district varies from year to year, and some of this variation is due to chance. County or district level cancer rates are more likely to vary on an annual basis than state level rates. In addition, counties/districts with smaller populations tend to have greater variation between time periods. In general, when there are less than 30 cancer cases a year in a geographic entity, it can be difficult to distinguish between normal variation and meaningful changes in cancer rates.

In this report, multiple years of data are combined when producing the county or district rates. Although combining years can make the rates more reliable, caution must still be used when interpreting county and district rates because of small populations.

Maps

Maps are included in the report to present the geographical distribution of incidence and mortality rates of selected cancers. These maps were prepared at the county and public health district level. Maps were created using ArcGIS v.10.1 software; the 'quantile' method was used to categorize the rates. Statistical significance comparisons to the state rate (higher, lower, or not statistically significantly different than the state rate) are displayed through patterns as shown in each map legend.

TRENDS

Charts:

This report includes charts presenting the count of selected incident cancers for 2012 for Maine, Maine males and Maine females, as well as charts describing trends in cancer incidence and mortality in Maine. The incidence charts show trends in the incidence rates for all-sites combined and selected cancers from 2000 to 2012.

The mortality charts show trends in mortality rates for all-sites combined and selected cancers from 1969 to 2012. Separate cancer mortality trend charts were prepared for males and females.

CANCER INCIDENCE

INCIDENCE: STATE AND NATIONAL COMPARISONS

Age-adjusted Cancer Incidence Rates by Site, Maine, 2012

	Maine		U.S.	
	AA Rate (95% CI)	*Count*	*CINA Whites*	*CINA All races*
All Sites	475.1 (464.7 - 485.7)	8,417	440.4 (439.6 - 441.2)	439.8 (439.1 - 440.5)
Leading Sites				
Tobacco-related, Excl. Lung	135.2 (129.7 - 140.9)	2,401	126.9 (126.5 - 127.4)	127.6 (127.2 - 128.0)
Lung and Bronchus	74.7 (70.7 - 78.8)	1,359	61.0 (60.7 - 61.3)	60.3 (60.1 - 60.6)
Colon and Rectum	38.0 (35.1 - 41.1)	662	38.0 (37.8 - 38.2)	38.9 (38.7 - 39.1)
Female Breast	120.0 (112.8 - 127.6)	1,109	123.4 (122.8 - 124.0)	122.3 (121.8 - 122.9)
Male Prostate	94.7 (88.3 - 101.5)	860	95.4 (94.8 - 95.9)	105.1 (104.6 - 105.6)
Other Sites				
Urinary Bladder	27.3 (24.9 - 29.9)	488	21.5 (21.3 - 21.7)	20.2 (20.0 - 20.3)
Melanoma	23.5 (21.2 - 26.1)	409	22.6 (22.5 - 22.8)	19.8 (19.6 - 20.0)
Non-Hodgkin Lymphoma	19.2 (17.2 - 21.5)	334	19.0 (18.8 - 19.1)	18.4 (18.3 - 18.6)
Kidney and Renal Pelvis	15.8 (14.0 - 17.9)	275	16.0 (15.9 - 16.2)	15.8 (15.7 - 16.0)
Leukemia	15.6 (13.7 - 17.7)	265	13.4 (13.3 - 13.6)	13.1 (13.0 - 13.2)
Thyroid	14.2 (12.2 - 16.4)	209	15.0 (14.8 - 15.1)	14.3 (14.2 - 14.4)
Pancreas	13.8 (12.1 - 15.6)	255	12.1 (12.0 - 12.3)	12.4 (12.3 - 12.5)
Oral Cavity and Pharynx	12.9 (11.3 - 14.7)	236	11.5 (11.4 - 11.7)	11.2 (11.1 - 11.3)
Brain and Other Nervous System	7.5 (6.2 - 9.1)	120	6.9 (6.8 - 7.0)	6.4 (6.3 - 6.5)
Esophagus	6.3 (5.2 - 7.6)	118	4.7 (4.6 - 4.7)	4.5 (4.4 - 4.6)
Myeloma	5.9 (4.8 - 7.1)	111	5.6 (5.5 - 5.7)	6.3 (6.2 - 6.4)
Stomach	5.8 (4.7 - 7.1)	104	5.9 (5.8 - 6.0)	6.6 (6.5 - 6.7)
Liver and Intrahepatic Bile Duct	5.5 (4.5 - 6.8)	98	7.0 (6.9 - 7.1)	7.7 (7.6 - 7.8)
Larynx	4.2 (3.3 - 5.3)	76	3.3 (3.3 - 3.4)	3.4 (3.3 - 3.4)
Hodgkin Lymphoma	3.4 (2.5 - 4.7)	44	2.7 (2.6 - 2.8)	2.6 (2.6 - 2.7)
Mesothelioma	1.9 (1.3 - 2.7)	34	1.0 (1.0 - 1.1)	0.9 (0.9 - 1.0)
Other Gender Specific Sites				
Corpus Uteri	31.2 (27.7 - 35.1)	307	25.3 (25.1 - 25.6)	24.8 (24.6 - 25.1)
Ovary	9.9 (7.9 - 12.3)	91	11.6 (11.4 - 11.8)	11.3 (11.1 - 11.4)
Cervix Uteri	4.3 (2.9 - 6.2)	31	7.2 (7.0 - 7.3)	7.4 (7.3 - 7.5)
Testis	6.4 (4.4 - 8.8)	37	6.3 (6.1 - 6.4)	5.4 (5.3 - 5.5)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, bladder, cervical, colon and rectum, liver and acute myeloid leukemia. These cancers also appear separately in the table.
- Cancer sites are ordered by descending Maine incidence rates.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Subgroup counts might not sum to Maine total due to rounding.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; CINA = NAACCR Cancer in North America (CINA) Plus Standard File

Data Sources:

- Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission
- National Incidence: NAACCR Cancer in North America (CINA) Plus Standard File

Age-adjusted Cancer Incidence Rates among Males by Site, Maine, 2012

	Male			
	Maine		U.S.	
	AA Rate (95% CI)	*Count*	*CINA Whites*	*CINA All races*
All Sites	513.5 (497.7 - 529.8)	4,229	476.9 (475.7 - 478.1)	482.4 (481.3 - 483.5)
Tobacco-related, Excl. Lung	185.4 (175.9 - 195.3)	1,510	170.5 (169.8 - 171.2)	170.7 (170.0 - 171.4)
Male Prostate	94.7 (88.3 - 101.5)	860	95.4 (94.8 - 95.9)	105.1 (104.6 - 105.6)
Lung and Bronchus	82.7 (76.5 - 89.3)	685	70.9 (70.4 - 71.3)	71.5 (71.0 - 71.9)
Colon and Rectum	43.7 (39.1 - 48.7)	348	43.7 (43.3 - 44.0)	44.8 (44.5 - 45.1)
Urinary Bladder	47.3 (42.5 - 52.5)	373	37.4 (37.0 - 37.7)	35.2 (34.9 - 35.5)
Melanoma	27.5 (23.9 - 31.4)	228	28.6 (28.3 - 28.9)	25.5 (25.2 - 25.7)
Non-Hodgkin Lymphoma	21.9 (18.7 - 25.6)	174	22.8 (22.6 - 23.1)	22.2 (22.0 - 22.5)
Kidney and Renal Pelvis	21.8 (18.6 - 25.4)	178	21.5 (21.2 - 21.7)	21.3 (21.1 - 21.6)
Oral Cavity and Pharynx	20.9 (17.8 - 24.3)	179	17.2 (17.0 - 17.5)	16.8 (16.6 - 17.0)
Leukemia	20.0 (16.9 - 23.6)	154	17.1 (16.9 - 17.3)	16.7 (16.5 - 17.0)
Pancreas	13.3 (10.9 - 16.2)	110	14.0 (13.8 - 14.2)	14.1 (13.9 - 14.3)
Esophagus	10.2 (8.1 - 12.7)	88	8.2 (8.0 - 8.3)	7.8 (7.7 - 8.0)
Liver and Intrahepatic Bile Duct	8.6 (6.6 - 10.9)	72	10.7 (10.5 - 10.9)	11.9 (11.8 - 12.1)
Brain and Other Nervous System	8.5 (6.5 - 11.0)	65	8.1 (7.9 - 8.2)	7.6 (7.4 - 7.7)
Stomach	8.2 (6.3 - 10.5)	68	8.1 (8.0 - 8.3)	9.0 (8.8 - 9.2)
Larynx	7.7 (5.9 - 9.9)	64	5.7 (5.5 - 5.8)	5.8 (5.7 - 5.9)
Thyroid	7.4 (5.5 - 9.7)	58	7.6 (7.4 - 7.7)	7.2 (7.0 - 7.3)
Myeloma	7.2 (5.5 - 9.4)	62	7.2 (7.0 - 7.3)	7.8 (7.7 - 8.0)
Testis	6.4 (4.4 - 8.8)	37	6.3 (6.1 - 6.4)	5.4 (5.3 - 5.5)
Mesothelioma	3.3 (2.1 - 5.0)	25	1.8 (1.7 - 1.9)	1.7 (1.6 - 1.7)
Hodgkin Lymphoma	3.2 (2.0 - 5.0)	21	3.0 (2.9 - 3.1)	3.0 (2.9 - 3.0)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia. These cancers are also reported separately in the table.
- Cancer sites are ordered by descending incidence rates.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Subgroup counts might not sum to Maine total due to rounding.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; CINA = NAACCR Cancer in North America (CINA) Plus Standard File; Excl. = Excluding.

Data Sources:

- Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission
- National Incidence: NAACCR Cancer in North America (CINA) Plus Standard File

Age-adjusted Cancer Incidence Rates among Females by Site, Maine, 2012

	Female			
	Maine		U.S.	
	AA Rate (95% CI)	*Count*	*CINA Whites*	*CINA All races*
All Sites	449.1 (435.1 - 463.6)	4,188	417.0 (415.9 - 418.0)	411.4 (410.4 - 412.3)
Female Breast	120.0 (112.8 - 127.6)	1,109	123.4 (122.8 - 124.0)	122.3 (121.8 - 122.9)
Tobacco-related, Excl. Lung	93.7 (87.4 - 100.3)	891	91.2 (90.7 - 91.7)	92.9 (92.5 - 93.4)
Lung and Bronchus	68.9 (63.7 - 74.5)	674	53.6 (53.2 - 53.9)	52.0 (51.7 - 52.3)
Colon and Rectum	33.3 (29.6 - 37.3)	314	33.2 (32.9 - 33.5)	34.0 (33.7 - 34.3)
Corpus Uteri	31.2 (27.7 - 35.1)	307	25.3 (25.1 - 25.6)	24.8 (24.6 - 25.1)
Melanoma	20.8 (17.8 - 24.3)	181	18.3 (18.1 - 18.5)	15.7 (15.5 - 15.9)
Thyroid	20.8 (17.5 - 24.6)	151	22.3 (22.0 - 22.6)	21.3 (21.0 - 21.5)
Non-Hodgkin Lymphoma	16.8 (14.2 - 19.8)	160	15.8 (15.6 - 16.0)	15.4 (15.2 - 15.6)
Pancreas	14.2 (11.9 - 16.8)	145	10.6 (10.4 - 10.7)	10.9 (10.8 - 11.1)
Leukemia	12.1 (9.8 - 14.7)	111	10.5 (10.3 - 10.7)	10.2 (10.1 - 10.4)
Urinary Bladder	11.5 (9.4 - 13.9)	115	9.2 (9.1 - 9.4)	8.7 (8.6 - 8.9)
Kidney and Renal Pelvis	10.7 (8.6 - 13.2)	97	11.3 (11.1 - 11.5)	11.2 (11.0 - 11.4)
Ovary	9.9 (7.9 - 12.3)	91	11.6 (11.4 - 11.8)	11.3 (11.1 - 11.4)
Brain and Other Nervous System	6.5 (4.8 - 8.7)	55	5.9 (5.7 - 6.0)	5.4 (5.3 - 5.5)
Oral Cavity and Pharynx	5.8 (4.3 - 7.6)	57	6.4 (6.3 - 6.5)	6.3 (6.2 - 6.4)
Myeloma	4.6 (3.4 - 6.2)	49	4.3 (4.2 - 4.4)	5.1 (4.9 - 5.2)
Cervix Uteri	4.3 (2.9 - 6.2)	31	7.2 (7.0 - 7.3)	7.4 (7.3 - 7.5)
Stomach	3.9 (2.7 - 5.5)	36	4.0 (3.9 - 4.1)	4.7 (4.6 - 4.8)
Hodgkin Lymphoma	3.6 (2.2 - 5.5)	23	2.4 (2.3 - 2.5)	2.3 (2.2 - 2.4)
Esophagus	2.9 (1.9 - 4.3)	30	1.7 (1.6 - 1.8)	1.7 (1.7 - 1.8)
Liver and Intrahepatic Bile Duct	2.9 (1.9 - 4.4)	26	3.7 (3.6 - 3.8)	4.1 (4.0 - 4.1)
Larynx	1.1 (0.6 - 2.1)	12	1.4 (1.3 - 1.4)	1.4 (1.3 - 1.4)
Mesothelioma	0.8 (0.4 - 1.7)	9	0.5 (0.4 - 0.5)	0.4 (0.4 - 0.5)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia. These cancers are also reported separately in the table.
- Cancer sites are ordered by descending incidence rates.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Subgroup counts might not sum to Maine total due to rounding.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; CINA = NAACCR Cancer in North America (CINA) Plus Standard File; Excl. = Excluding.

Data Sources:

- Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission
- National Incidence: NAACCR Cancer in North America (CINA) Plus Standard File

All Cancers: Incidence by Age, Maine 2010-2012

	Total		Male		Female	
	Crude Rate (95% CI)	*Count /Yr*	*Crude Rate (95% CI)*	*Count /Yr*	*Crude Rate (95% CI)*	*Count /Yr*
0-14 years	19.3 (16.1 - 23.0)	42	21.9 (17.2 - 27.5)	24	16.6 (12.4 - 21.7)	18
15-19 years	21.6 (16.3 - 28.1)	19	22.5 (15.2 - 32.1)	10	20.7 (13.5 - 30.4)	9
20-24 years	41.0 (33.3 - 50.0)	33	40.4 (29.9 - 53.4)	16	41.7 (30.8 - 55.1)	16
25-29 years	77.3 (66.1 - 89.8)	57	67.2 (52.8 - 84.4)	25	87.3 (70.8 - 106.5)	32
30-34 years	109.4 (96.0 - 124.2)	80	86.0 (69.4 - 105.3)	31	132.4 (111.8 - 155.7)	49
35-39 years	157.6 (141.7 - 174.8)	119	108.6 (90.1 - 129.7)	40	204.8 (179.6 - 232.7)	79
40-44 years	223.8 (206.3 - 242.4)	201	155.5 (134.9 - 178.2)	69	289.9 (262.0 - 319.8)	132
45-49 years	371.2 (350.1 - 393.3)	384	275.9 (250.2 - 303.6)	140	463.1 (430.1 - 497.9)	244
50-54 years	584.6 (558.9 - 611.2)	649	582.5 (546.0 - 620.8)	316	586.7 (550.9 - 624.2)	333
55-59 years	873.2 (840.8 - 906.5)	915	903.2 (856.1 - 952.1)	460	844.9 (800.7 - 891.0)	455
60-64 years	1,199.5 (1,159.4 - 1,240.7)	1,125	1,346.7 (1,286.2 - 1,409.4)	619	1,057.8 (1,005.2 - 1,112.4)	505
65-69 years	1,760.2 (1,703.6 - 1,818.2)	1,219	2,019.8 (1,933.1 - 2,109.4)	680	1,514.2 (1,441.2 - 1,589.9)	538
70-74 years	2,174.7 (2,100.3 - 2,251.2)	1,074	2,588.6 (2,470.2 - 2,711.2)	598	1,810.6 (1,717.9 - 1,907.1)	476
75-79 years	2,556.5 (2,465.8 - 2,649.7)	999	3,056.8 (2,909.6 - 3,209.5)	539	2,144.9 (2,033.1 - 2,261.1)	460
80-84 years	2,488.5 (2,387.5 - 2,592.7)	762	3,106.4 (2,929.8 - 3,290.7)	385	2,067.5 (1,948.6 - 2,191.7)	376
85+ years	2,322.7 (2,223.9 - 2,424.7)	693	3,198.1 (2,996.2 - 3,409.9)	311	1,899.0 (1,790.6 - 2,012.2)	382
All Ages*	630.2 (622.5 – 638.1)	8,369	656.3 (645.0 – 667.8)	4,265	605.2 (594.6 – 616.0)	4,104

Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3 /WHO 2008.
- Age-specific (crude) rates are calculated per 100,000 population.
- *Crude (not age-adjusted) rate displayed for 'All ages'.
- Subgroup counts might not sum to Maine total due to rounding.
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

All Cancers: Incidence by County of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count /Yr*	*AA Rate (95% CI)*	*Count /Yr*	*AA Rate (95% CI)*	*Count /Yr*
Androscoggin	470.0 (448.1 - 492.7)	596	525.7 (491.3 - 561.9)	304	434.1 (405.2 - 464.6)	292
Aroostook	490.5 (465.2 - 517.0)	507	557.7 (518.9 - 599.0)	274	439.4 (405.5 - 475.6)	233
Cumberland	483.2 (469.6 - 497.2)	1,663	539.0 (517.3 - 561.3)	824	448.7 (430.8 - 467.2)	839
Franklin	415.0 (378.7 - 454.1)	172	432.5 (379.7 - 491.2)	87	406.6 (356.3 - 462.8)	85
Hancock	505.8 (476.4 - 536.7)	403	560.6 (515.9 - 608.6)	210	466.6 (427.2 - 509.1)	193
Kennebec	466.7 (446.9 - 487.2)	733	502.0 (472.0 - 533.6)	367	440.4 (413.9 - 468.3)	366
Knox	486.6 (453.4 - 521.8)	290	536.1 (485.9 - 590.8)	149	449.1 (404.9 - 497.6)	141
Lincoln	437.8 (404.3 - 473.8)	239	479.0 (430.0 - 532.9)	127	408.9 (362.6 - 460.4)	112
Oxford	467.4 (439.4 - 497.0)	368	518.3 (475.8 - 563.8)	196	429.5 (391.7 - 470.2)	172
Penobscot	506.5 (487.6 - 526.0)	944	553.3 (524.3 - 583.6)	476	474.0 (448.8 - 500.2)	468
Piscataquis	473.8 (424.8 - 527.7)	128	442.0 (377.6 - 516.5)	61	502.9 (430.9 - 585.0)	67
Sagadahoc	461.4 (425.6 - 499.6)	217	498.1 (443.9 - 557.6)	109	431.9 (384.5 - 484.1)	108
Somerset	484.8 (454.3 - 516.9)	332	542.1 (495.5 - 592.3)	177	432.6 (393.0 - 475.4)	155
Waldo	483.4 (448.2 - 520.8)	254	522.2 (469.2 - 579.9)	130	454.3 (407.3 - 505.8)	124
Washington	477.4 (441.4 - 516.0)	235	556.0 (500.1 - 617.2)	130	413.7 (366.6 - 465.8)	105
York	503.3 (487.1 - 520.0)	1,280	551.4 (526.4 - 577.5)	640	471.1 (449.5 - 493.5)	640
Maine	483.4 (477.2 - 489.6)	8,369	532.4 (522.9 - 542.0)	4,265	449.0 (440.8 - 457.3)	4,104

All Cancers: Incidence by Public Health District of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count /Yr*	*AA Rate (95% CI)*	*Count/ Yr*	*AA Rate (95% CI)*	*Count /Yr*
Aroostook	490.5 (465.2 - 517.0)	507	557.7 (518.9 - 599.0)	274	439.4 (405.5 - 475.6)	233
Central	474.4 (456.6 - 492.7)	928	529.6 (501.9 - 558.4)	482	433.7 (410.3 - 458.3)	447
Cumberland	483.2 (469.6 - 497.2)	1,663	539.0 (517.3 - 561.3)	824	448.7 (430.8 - 467.2)	839
Downeast	494.8 (471.9 - 518.6)	638	558.7 (523.6 - 595.9)	340	446.5 (416.0 - 478.8)	298
Midcoast	467.8 (450.5 - 485.6)	1,000	510.1 (484.1 - 537.3)	514	435.6 (412.4 - 460.1)	485
Penquis	502.4 (484.7 - 520.5)	1,073	539.4 (512.8 - 567.2)	537	476.8 (453.1 - 501.6)	536
Western	458.9 (443.3 - 475.0)	1,137	506.0 (482.0 - 530.9)	587	427.6 (406.6 - 449.4)	550
York	503.3 (487.1 - 520.0)	1,280	551.4 (526.4 - 577.5)	640	471.1 (449.5 - 493.5)	640
Maine	483.4 (477.2 - 489.6)	8,369	532.4 (522.9 - 542.0)	4,265	449.0 (440.8 - 457.3)	4,104

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3 /WHO 2008.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. Standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Maine total includes 25 cases with unknown county of residence.
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Lung Cancer: Incidence by Age, Maine 2010-2012

	Total		Male		Female	
	Crude Rate (95% CI)	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*
40-44 years	14.1 (10.0 - 19.4)	13	15.1 (9.2 - 23.3)	7	13.1 (7.8 - 20.8)	6
45-49 years	36.1 (29.7 - 43.5)	37	30.2 (22.1 - 40.3)	15	41.8 (32.3 - 53.2)	22
50-54 years	65.1 (56.7 - 74.4)	72	66.4 (54.4 - 80.1)	36	63.9 (52.5 - 77.1)	36
55-59 years	114.9 (103.3 - 127.4)	120	133.0 (115.3 - 152.6)	68	97.8 (83.1 - 114.3)	53
60-64 years	168.9 (154.0 - 184.8)	158	176.9 (155.4 - 200.5)	81	161.2 (141.1 - 183.4)	77
65-69 years	320.6 (296.8 - 346.0)	222	346.4 (311.0 - 384.6)	117	296.3 (264.5 - 330.8)	105
70-74 years	432.7 (399.8 - 467.5)	214	468.7 (419.1 - 522.5)	108	401.0 (358.0 - 447.7)	105
75-79 years	490.7 (451.4 - 532.4)	192	550.1 (488.7 - 617.1)	97	441.7 (391.8 - 496.2)	95
80-84 years	524.9 (479.1 - 574.0)	161	666.4 (586.0 - 754.7)	83	428.5 (375.4 - 487.1)	78
85+ years	329.4 (292.9 - 369.2)	98	489.6 (412.7 - 576.8)	48	251.9 (213.4 - 295.3)	51
Maine All Ages*	97.3 (94.3 – 100.4)	1,292	101.9 (97.5 – 106.5)	662	92.9 (88.8 – 97.2)	630

Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-specific (crude) rates are calculated per 100,000 population.
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count
- 'Maine All Ages' includes cases where age is less than 40 years.
- *Crude (not age-adjusted) rate displayed for 'All ages'.
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Lung Cancer: Incidence by County of Residence, Maine 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	76.6 (68.0 - 86.0)	99	83.9 (70.8 - 98.9)	50	70.5 (59.3 - 83.2)	48
Aroostook	85.8 (75.8 - 96.9)	93	98.0 (82.3 - 116.3)	48	77.8 (64.9 - 93.0)	45
Cumberland	67.7 (62.7 - 73.0)	235	77.4 (69.2 - 86.2)	115	61.8 (55.4 - 68.7)	120
Franklin	57.1 (44.5 - 72.5)	24	59.1 (41.0 - 83.5)	12	55.4 (38.6 - 77.9)	12
Hancock	66.9 (56.8 - 78.5)	55	74.8 (59.4 - 93.5)	29	61.4 (48.3 - 77.6)	26
Kennebec	73.1 (65.5 - 81.4)	117	81.9 (70.1 - 95.2)	60	66.3 (56.6 - 77.4)	57
Knox	68.5 (56.7 - 82.3)	42	83.8 (65.0 - 107.0)	24	56.5 (42.1 - 75.4)	18
Lincoln	53.0 (42.6 - 65.9)	31	64.4 (47.6 - 86.3)	17	45.4 (32.4 - 63.4)	14
Oxford	75.6 (65.0 - 87.7)	62	86.9 (70.5 - 106.5)	34	66.9 (53.1 - 83.6)	28
Penobscot	86.8 (79.3 - 95.0)	166	102.3 (90.1 - 115.7)	88	75.2 (65.7 - 85.7)	78
Piscataquis	79.0 (60.6 - 102.6)	22	92.9 (64.1 - 132.6)	12	66.2 (44.1 - 98.7)	10
Sagadahoc	55.7 (43.9 - 70.0)	26	51.2 (35.1 - 72.8)	11	60.9 (44.1 - 82.6)	15
Somerset	84.3 (72.2 - 98.1)	59	102.0 (82.6 - 125.1)	34	68.3 (53.8 - 86.1)	26
Waldo	72.4 (59.3 - 87.8)	38	76.2 (56.9 - 100.5)	19	69.5 (52.1 - 91.5)	19
Washington	81.5 (67.6 - 97.9)	42	93.5 (71.9 - 120.4)	22	70.4 (53.3 - 92.6)	20
York	69.7 (63.9 - 76.0)	181	75.4 (66.3 - 85.4)	87	65.8 (58.2 - 74.3)	94
Maine	72.9 (70.6 - 75.3)	1,292	82.5 (78.8 - 86.3)	662	65.9 (62.9 - 69.0)	630

Lung Cancer: Incidence by Public Health District of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	85.8 (75.8 - 96.9)	93	98.0 (82.3 - 116.3)	48	77.8 (64.9 - 93.0)	45
Central	79.1 (72.0 - 86.7)	158	90.0 (79.0 - 102.2)	84	69.7 (60.7 - 79.7)	74
Cumberland	67.7 (62.7 - 73.0)	235	77.4 (69.2 - 86.2)	115	61.8 (55.4 - 68.7)	120
Downeast	72.8 (64.5 - 82.0)	97	82.4 (69.5 - 97.3)	51	65.0 (54.3 - 77.5)	46
Midcoast	62.8 (56.8 - 69.5)	137	70.0 (60.7 - 80.5)	71	58.1 (50.0 - 67.2)	66
Penquis	85.5 (78.5 - 93.0)	188	100.5 (89.2 - 112.8)	100	74.0 (65.2 - 83.7)	88
Western	72.8 (66.7 - 79.2)	185	80.5 (71.3 - 90.6)	96	66.6 (58.8 - 75.3)	89
York	69.7 (63.9 - 76.0)	181	75.4 (66.3 - 85.4)	87	65.8 (58.2 - 74.3)	94
Maine	72.9 (70.6 - 75.3)	1,292	82.5 (78.8 - 86.3)	662	65.9 (62.9 - 69.0)	630

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3 /WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Tobacco-related Cancers, Excl. Lung: Incidence by Age, Maine 2010-2012

	Total		Male		Female	
	Crude Rate (95% CI)	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*
25-29 years	10.4 (6.6 - 15.6)	8	7.3 (3.1 - 14.3)	3	13.5 (7.6 - 22.3)	5
30-34 years	25.2 (19.0 - 32.8)	18	17.6 (10.6 - 27.4)	6	32.6 (22.9 - 45.2)	12
35-39 years	40.5 (32.7 - 49.7)	31	43.1 (31.8 - 57.1)	16	38.0 (27.6 - 51.1)	15
40-44 years	52.3 (44.0 - 61.7)	47	61.1 (48.5 - 76.0)	27	43.8 (33.4 - 56.4)	20
45-49 years	96.4 (85.8 - 108.0)	100	122.2 (105.3 - 141.1)	62	71.6 (59.0 - 86.1)	38
50-54 years	171.4 (157.6 - 186.0)	190	236.6 (213.5 - 261.4)	128	109.1 (94.0 - 126.0)	62
55-59 years	229.8 (213.3 - 247.1)	241	307.2 (280.0 - 336.3)	156	156.6 (137.9 - 177.1)	84
60-64 years	310.7 (290.5 - 332.0)	291	437.1 (402.9 - 473.4)	201	189.1 (167.2 - 213.0)	90
65-69 years	442.5 (414.3 - 472.0)	306	617.5 (570.0 - 667.9)	208	276.6 (245.9 - 310.0)	98
70-74 years	620.3 (580.8 - 661.7)	306	872.5 (804.3 - 944.9)	202	398.4 (355.6 - 445.0)	105
75-79 years	797.0 (746.7 - 849.8)	311	1,083.2 (996.3 - 1,175.7)	191	561.5 (505.1 - 622.5)	120
80-84 years	829.9 (772.0 - 890.9)	254	1,201.2 (1,092.4 - 1,317.8)	149	576.8 (514.9 - 644.2)	105
85+ years	842.0 (782.9 - 904.3)	251	1,249.8 (1,124.8 - 1,384.8)	122	644.6 (582.1 - 712.0)	130
Maine All Ages*	178.2 (174.0 – 182.3)	2,366	227.0 (220.4 – 233.8)	1,475	131.3 (126.4 – 136.4)	891

Notes:

- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-specific (crude) rates are calculated per 100,000 population.
- * Crude (not age-adjusted) rate displayed for 'All ages'.
- Abbreviations: Excl. = Excluding; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Tobacco-related Cancers, Excl. Lung: Incidence by County of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	132.5 (121.0 - 144.8)	168	185.4 (165.0 - 207.7)	105	92.1 (79.2 - 106.6)	63
Aroostook	149.0 (135.4 - 163.9)	156	203.1 (180.0 - 228.6)	99	103.5 (87.6 - 121.8)	57
Cumberland	135.9 (128.7 - 143.4)	469	198.1 (185.0 - 212.0)	296	88.8 (81.0 - 97.1)	173
Franklin	114.0 (95.4 - 135.6)	47	149.5 (119.3 - 185.7)	30	83.8 (61.2 - 112.6)	17
Hancock	146.1 (130.4 - 163.5)	114	193.5 (167.1 - 223.3)	70	106.2 (87.9 - 127.7)	44
Kennebec	131.5 (121.0 - 142.6)	205	165.8 (148.7 - 184.5)	121	101.9 (89.4 - 115.9)	84
Knox	128.8 (112.6 - 147.0)	80	185.1 (156.6 - 217.9)	52	81.2 (64.0 - 102.6)	28
Lincoln	115.4 (98.4 - 134.9)	63	149.1 (122.2 - 181.0)	39	87.7 (66.3 - 114.5)	24
Oxford	141.7 (126.6 - 158.3)	112	189.7 (164.3 - 218.3)	71	100.3 (82.8 - 120.9)	41
Penobscot	133.8 (124.2 - 143.9)	251	176.6 (160.4 - 194.1)	152	97.9 (86.8 - 110.1)	99
Piscataquis	117.3 (94.3 - 145.3)	33	149.6 (113.0 - 196.5)	21	84.9 (58.2 - 122.1)	12
Sagadahoc	124.8 (106.2 - 145.9)	57	150.2 (120.7 - 185.3)	32	100.4 (78.1 - 127.7)	25
Somerset	144.9 (128.6 - 162.9)	99	193.1 (166.0 - 223.6)	64	101.4 (82.5 - 123.7)	35
Waldo	133.5 (115.4 - 154.0)	70	175.5 (145.0 - 211.0)	42	97.6 (77.0 - 122.6)	28
Washington	158.1 (137.8 - 181.0)	78	218.2 (184.1 - 257.6)	52	104.4 (81.5 - 132.7)	26
York	141.6 (133.1 - 150.5)	363	194.5 (179.8 - 210.1)	228	98.5 (88.8 - 109.1)	134
Maine	136.1 (132.9 - 139.4)	2,366	185.4 (179.8 - 191.1)	1,475	95.6 (91.9 - 99.5)	891

Tobacco-related Cancers, Excl. Lung: Incidence by Public Health District of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	149.0 (135.4 - 163.9)	156	203.1 (180.0 - 228.6)	99	103.5 (87.6 - 121.8)	57
Central	136.7 (127.2 - 146.7)	268	188.1 (171.7 - 205.8)	169	95.1 (84.3 - 106.9)	99
Cumberland	135.9 (128.7 - 143.4)	469	198.1 (185.0 - 212.0)	296	88.8 (81.0 - 97.1)	173
Downeast	150.4 (137.8 - 163.9)	192	202.7 (181.6 - 225.9)	122	105.3 (90.8 - 121.7)	70
Midcoast	125.8 (117.0 - 135.3)	270	166.2 (151.4 - 182.2)	165	90.9 (80.6 - 102.4)	105
Penquis	131.9 (123.1 - 141.3)	284	173.5 (158.5 - 189.6)	173	96.5 (86.1 - 107.8)	111
Western	131.7 (123.4 - 140.4)	328	180.0 (165.7 - 195.2)	206	92.9 (83.4 - 103.3)	121
York	141.6 (133.1 - 150.5)	363	194.5 (179.8 - 210.1)	228	98.5 (88.8 - 109.1)	134
Maine	136.1 (132.9 - 139.4)	2,366	185.4 (179.8 - 191.1)	1,475	95.6 (91.9 - 99.5)	891

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: Excl. = Excluding; AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Prostate Cancer: Incidence by Age, Maine 2010-2012

	Male	
	Crude Rate (95% CI)	***Count/Yr***
40-44 years	9.8 (5.2 - 16.8)	4
45-49 years	24.3 (17.1 - 33.5)	12
50-54 years	108.1 (92.8 - 125.4)	59
55-59 years	262.0 (236.9 - 289.0)	133
60-64 years	434.2 (400.1 - 470.4)	200
65-69 years	638.3 (590.0 - 689.5)	215
70-74 years	656.2 (597.2 - 719.3)	152
75-79 years	604.9 (540.5 - 675.0)	107
80-84 years	381.6 (321.4 - 449.8)	47
85+ years	400.6 (331.3 - 480.1)	39
Maine All Ages*	149.1 (143.7 – 154.6)	969

Prostate Cancer: Incidence by County of Residence, Maine, 2010-2012

	Male	
	AA Rate (95% CI)	***Count/Yr***
Androscoggin	111.1 (96.0 - 128.0)	68
Aroostook	114.5 (98.5 - 132.8)	63
Cumberland	106.3 (97.3 - 116.0)	181
Franklin	96.5 (74.1 - 124.7)	22
Hancock	139.7 (118.8 - 163.7)	56
Kennebec	107.4 (94.2 - 122.0)	84
Knox	109.5 (88.4 - 134.8)	33
Lincoln	106.5 (85.8 - 132.0)	32
Oxford	103.8 (85.9 - 124.6)	42
Penobscot	108.9 (96.7 - 122.3)	101
Piscataquis	86.0 (60.0 - 122.3)	13
Sagadahoc	138.6 (112.2 - 170.2)	33
Somerset	96.7 (78.5 - 118.3)	35
Waldo	130.2 (105.8 - 159.3)	36
Washington	99.5 (77.8 - 126.5)	25
York	116.4 (105.4 - 128.3)	145
Maine	111.1 (107.0 - 115.3)	969

Prostate Cancer: Incidence by Public Health District of Residence, Maine, 2010-2012

	Male	
	AA Rate (95% CI)	***Count/Yr***
Aroostook	114.5 (98.5 - 132.8)	63
Central	105.7 (93.9 - 118.6)	102
Cumberland	106.3 (97.3 - 116.0)	181
Downeast	124.1 (108.6 - 141.5)	82
Midcoast	120.6 (108.8 - 133.5)	134
Penquis	105.6 (94.4 - 117.8)	113
Western	105.8 (95.4 - 117.2)	132
York	116.4 (105.4 - 128.3)	145
Maine	111.1 (107.0 - 115.3)	969

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3 /WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-adjusted rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Age-specific (crude) rates are calculated per 100,000 population.
- *Crude (not age-adjusted) rate displayed for 'All ages'.
- 'Maine All Ages' includes cases where age is less than 40 years.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Female Breast Cancer: Incidence by Age, Maine, 2010-2012

	Female	
	Crude Rate (95% CI)	*Count/Yr*
25-29 years	11.7 (6.2 - 20.0)	4
30-34 years	29.0 (19.8 - 41.0)	11
35-39 years	56.2 (43.4 - 71.6)	22
40-44 years	122.7 (104.8 - 142.7)	56
45-49 years	181.8 (161.4 - 204.1)	96
50-54 years	217.7 (196.1 - 241.0)	124
55-59 years	260.6 (236.3 - 286.7)	140
60-64 years	324.5 (295.6 - 355.3)	155
65-69 years	447.2 (408.0 - 489.2)	159
70-74 years	446.6 (401.2 - 495.8)	117
75-79 years	475.9 (424.1 - 532.4)	102
80-84 years	401.0 (349.7 - 457.8)	73
85+ years	304.9 (262.4 - 352.3)	61
Maine All Ages*	165.4 (159.8 – 171.0)	1,121

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-adjusted rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Age-specific (crude) rates are calculated per 100,000 population.
- * Crude (not age-adjusted) rate displayed for 'All ages'.
- 'Maine All Ages' includes cases where age is less than 25 years.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Female Breast Cancer: Incidence by County of Residence, Maine, 2010-2012

	Female	
	AA Rate (95% CI)	*Count/Yr*
Androscoggin	108.4 (94.2 - 124.3)	73
Aroostook	94.2 (78.7 - 112.1)	48
Cumberland	133.6 (123.9 - 144.0)	246
Franklin	110.0 (84.8 - 141.1)	23
Hancock	115.0 (96.6 - 136.6)	51
Kennebec	125.5 (111.6 - 140.7)	105
Knox	132.2 (108.0 - 161.0)	39
Lincoln	116.5 (92.3 - 146.0)	31
Oxford	105.4 (87.4 - 126.4)	43
Penobscot	123.2 (110.5 - 137.0)	121
Piscataquis	152.4 (112.6 - 203.2)	19
Sagadahoc	122.8 (98.3 - 152.3)	31
Somerset	113.4 (93.6 - 136.6)	40
Waldo	124.8 (100.3 - 154.0)	33
Washington	108.9 (85.4 - 137.8)	27
York	141.4 (129.7 - 154.0)	191
Maine	123.8 (119.5 - 128.3)	1,121

Female Breast Cancer: Incidence by Public Health District of Residence, Maine, 2010-2012

	Female	
	AA Rate (95% CI)	*Count/Yr*
Aroostook	94.2 (78.7 - 112.1)	48
Central	110.7 (99.0 - 123.5)	113
Cumberland	133.6 (123.9 - 144.0)	246
Downeast	113.0 (98.2 - 129.7)	78
Midcoast	124.3 (111.8 - 138.0)	134
Penquis	126.1 (113.9 - 139.3)	140
Western	107.8 (97.5 - 119.1)	139
York	141.4 (129.7 - 154.0)	191
Maine	123.8 (119.5 - 128.3)	1,121

Colorectal Cancer: Incidence by Age, Maine, 2010-2012

	Total		Male		Female	
	Crude Rate (95% CI)	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*
35-39 years	17.6 (12.6 - 24.0)	13	17.9 (11.0 - 27.7)	7	17.3 (10.6 - 26.7)	7
40-44 years	19.7 (14.7 - 25.7)	18	20.4 (13.4 - 29.6)	9	19.0 (12.4 - 27.8)	9
45-49 years	25.5 (20.2 - 31.8)	26	26.9 (19.3 - 36.5)	14	24.1 (17.0 - 33.0)	13
50-54 years	56.1 (48.4 - 64.8)	62	73.1 (60.6 - 87.5)	40	39.9 (31.0 - 50.6)	23
55-59 years	49.6 (42.2 - 58.1)	52	55.0 (43.9 - 68.1)	28	44.6 (34.9 - 56.1)	24
60-64 years	66.5 (57.3 - 76.7)	62	80.5 (66.2 - 96.9)	37	53.0 (41.8 - 66.4)	25
65-69 years	112.2 (98.2 - 127.5)	78	139.5 (117.5 - 164.6)	47	86.3 (69.5 - 105.8)	31
70-74 years	174.8 (154.2 - 197.5)	86	200.5 (168.5 - 236.7)	46	152.3 (126.2 - 182.1)	40
75-79 years	235.5 (208.5 - 265.0)	92	230.6 (191.5 - 275.4)	41	239.5 (203.2 - 280.5)	51
80-84 years	246.1 (215.1 - 280.4)	75	279.5 (228.3 - 338.6)	35	223.4 (185.5 - 266.8)	41
85+ years	306.0 (270.8 - 344.4)	91	356.1 (291.0 - 431.5)	35	281.7 (240.9 - 327.4)	57
Maine All Ages*	49.9 (47.7 – 52.1)	663	52.5 (49.4 – 55.9)	341	47.4 (44.4 – 50.5)	321

Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-specific (crude) rates are calculated per 100,000 population.
- *Crude (not age-adjusted) rate displayed for 'All ages'.
- Maine All Ages' includes cases where age is less than 35 years.
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Colorectal Cancer: Incidence by County of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	39.9 (33.6 - 47.0)	50	48.6 (38.4 - 60.8)	27	33.7 (26.0 - 43.1)	23
Aroostook	48.0 (40.3 - 56.8)	50	53.5 (41.7 - 67.8)	26	42.1 (32.5 - 54.0)	24
Cumberland	36.0 (32.3 - 40.0)	122	46.1 (39.8 - 53.2)	66	29.0 (24.6 - 34.0)	57
Franklin	29.6 (20.5 - 41.6)	12	24.8 (13.3 - 43.0)	5	35.2 (21.8 - 54.8)	7
Hancock	51.3 (41.9 - 62.4)	38	53.1 (39.3 - 70.6)	18	48.6 (36.5 - 64.0)	20
Kennebec	34.5 (29.2 - 40.5)	53	35.5 (27.7 - 44.8)	25	33.5 (26.5 - 42.0)	28
Knox	35.9 (27.7 - 46.2)	23	44.9 (31.7 - 62.7)	13	27.3 (18.0 - 41.1)	10
Lincoln	26.5 (18.9 - 36.8)	15	31.6 (20.0 - 48.6)	9	22.0 (12.6 - 37.2)	6
Oxford	38.4 (30.7 - 47.7)	30	41.2 (29.5 - 56.2)	15	36.4 (26.4 - 49.4)	15
Penobscot	37.2 (32.2 - 42.8)	69	37.7 (30.4 - 46.3)	32	36.2 (29.6 - 44.0)	37
Piscataquis	38.0 (25.1 - 56.4)	10	37.9 (19.9 - 68.0)	5	37.5 (20.9 - 65.3)	5
Sagadahoc	31.3 (22.4 - 43.0)	14	33.5 (19.7 - 53.5)	6	28.6 (18.2 - 44.0)	8
Somerset	42.1 (33.6 - 52.3)	29	42.1 (29.9 - 58.0)	14	42.6 (31.0 - 57.7)	15
Waldo	47.4 (37.2 - 59.8)	26	54.0 (38.2 - 74.9)	14	41.9 (29.3 - 59.1)	12
Washington	50.5 (39.1 - 64.5)	24	61.7 (43.7 - 85.4)	14	40.2 (26.8 - 59.3)	10
York	39.2 (34.7 - 44.1)	97	46.5 (39.4 - 54.5)	54	32.6 (27.1 - 39.1)	44
Maine	38.8 (37.1 - 40.6)	663	44.1 (41.4 - 47.0)	341	34.4 (32.2 - 36.7)	321

Colorectal Cancer: Incidence by Public Health District of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	48.0 (40.3 - 56.8)	50	53.5 (41.7 - 67.8)	26	42.1 (32.5 - 54.0)	24
Central	40.7 (35.6 - 46.3)	78	46.3 (38.3 - 55.6)	41	36.8 (30.2 - 44.5)	38
Cumberland	36.0 (32.3 - 40.0)	122	46.1 (39.8 - 53.2)	66	29.0 (24.6 - 34.0)	57
Downeast	51.2 (43.8 - 59.6)	63	56.6 (45.3 - 70.1)	32	45.6 (36.2 - 56.9)	30
Midcoast	35.5 (30.9 - 40.6)	78	41.5 (34.3 - 49.9)	42	29.7 (24.3 - 36.3)	36
Penquis	37.2 (32.5 - 42.4)	79	37.5 (30.7 - 45.5)	37	36.4 (30.2 - 43.6)	42
Western	37.6 (33.2 - 42.5)	92	41.8 (35.0 - 49.6)	46	35.0 (29.2 - 41.7)	45
York	39.2 (34.7 - 44.1)	97	46.5 (39.4 - 54.5)	54	32.6 (27.1 - 39.1)	44
Maine	38.8 (37.1 - 40.6)	663	44.1 (41.4 - 47.0)	341	34.4 (32.2 - 36.7)	321

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Urinary Bladder Cancer: Incidence by Age, Maine, 2010-2012

	Total		Male		Female	
	Crude Rate (95% CI)	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*	*Crude Rate (95% CI)*	*Count/Yr*
35-39 years	1.8 (0.5 - 4.5)	1	3.6 (1.0 - 9.2)	1	0.0 (0.0 - 3.2)	0
40-44 years	3.7 (1.8 - 6.8)	3	5.3 (2.1 - 10.9)	2	2.2 (0.5 - 6.4)	1
45-49 years	15.5 (11.4 - 20.5)	16	22.3 (15.5 - 31.2)	11	8.9 (4.8 - 14.9)	5
50-54 years	21.9 (17.2 - 27.5)	24	34.4 (26.0 - 44.7)	19	10.0 (5.8 - 16.0)	6
55-59 years	33.7 (27.6 - 40.8)	35	48.5 (38.1 - 60.8)	25	19.8 (13.5 - 28.0)	11
60-64 years	63.6 (54.7 - 73.7)	60	98.6 (82.7 - 116.6)	45	30.0 (21.7 - 40.4)	14
65-69 years	93.4 (80.7 - 107.5)	65	142.5 (120.2 - 167.8)	48	46.9 (34.8 - 61.8)	17
70-74 years	150.5 (131.4 - 171.6)	74	255.3 (219.0 - 295.8)	59	58.4 (42.7 - 77.9)	15
75-79 years	220.2 (194.1 - 248.7)	86	374.3 (324.0 - 430.2)	66	93.3 (71.2 - 120.1)	20
80-84 years	236.3 (205.9 - 270.0)	72	440.7 (375.8 - 513.5)	55	97.1 (72.7 - 127.0)	18
85+ years	201.0 (172.7 - 232.6)	60	438.3 (365.6 - 521.1)	43	86.2 (64.4 - 113.0)	17
Maine All Ages*	37.6 (35.7 – 39.5)	499	57.8 (54.4 – 61.2)	375	18.2 (16.4 – 20.2)	124

Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Age-specific (crude) rates are calculated per 100,000 population.
- *Crude (not age-adjusted) rate displayed for 'All ages'.
- 'Maine All Ages' includes cases where age is less than 35 years.
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Urinary Bladder Cancer: Incidence by County of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	30.0 (24.7 - 36.1)	38	53.4 (42.6 - 66.1)	29	12.9 (8.5 - 19.0)	9
Aroostook	28.6 (23.1 - 35.3)	31	46.1 (35.6 - 59.0)	23	15.2 (9.8 - 22.9)	9
Cumberland	28.5 (25.3 - 32.1)	98	52.1 (45.3 - 59.7)	73	12.0 (9.3 - 15.2)	24
Franklin	30.2 (21.2 - 42.2)	13	56.8 (38.6 - 81.4)	11	6.6 (2.1 - 17.9)	2
Hancock	33.3 (26.4 - 41.8)	27	53.5 (40.3 - 70.1)	19	18.2 (11.5 - 28.1)	8
Kennebec	25.3 (20.8 - 30.4)	39	44.2 (35.5 - 54.6)	31	10.1 (6.5 - 15.2)	8
Knox	29.8 (22.5 - 39.3)	19	53.3 (38.6 - 72.5)	15	11.1 (5.7 - 21.3)	4
Lincoln	19.2 (13.1 - 27.9)	11	28.7 (17.8 - 45.1)	7	10.7 (5.2 - 21.9)	4
Oxford	23.1 (17.3 - 30.4)	19	37.4 (26.5 - 51.6)	14	11.5 (6.4 - 19.8)	5
Penobscot	27.7 (23.5 - 32.6)	52	44.6 (36.5 - 53.9)	37	14.9 (10.8 - 20.2)	15
Piscataquis	18.5 (10.5 - 32.0)	5	34.5 (18.6 - 61.8)	5	3.8 (0.5 - 21.2)	1
Sagadahoc	33.4 (24.5 - 44.9)	16	57.5 (40.1 - 80.4)	12	12.5 (6.1 - 24.1)	4
Somerset	35.6 (27.8 - 45.2)	24	60.3 (45.6 - 78.6)	20	12.7 (6.9 - 22.1)	5
Waldo	24.5 (17.1 - 34.1)	13	39.8 (26.1 - 58.6)	9	11.2 (5.3 - 22.0)	3
Washington	31.5 (23.1 - 42.6)	16	57.5 (41.1 - 79.5)	14	10.7 (4.0 - 24.0)	2
York	30.2 (26.4 - 34.5)	78	49.8 (42.4 - 58.2)	56	14.9 (11.4 - 19.2)	21
Maine	28.5 (27.0 - 30.0)	499	48.7 (45.8 - 51.7)	375	12.7 (11.4 - 14.1)	124

Urinary Bladder Cancer: Incidence by Public Health District of Residence, Maine, 2010-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	28.6 (23.1 - 35.3)	31	46.1 (35.6 - 59.0)	23	15.2 (9.8 - 22.9)	9
Central	32.0 (27.5 - 37.0)	63	56.0 (47.2 - 66.1)	49	12.7 (9.1 - 17.5)	14
Cumberland	28.5 (25.3 - 32.1)	98	52.1 (45.3 - 59.7)	73	12.0 (9.3 - 15.2)	24
Downeast	32.5 (27.1 - 38.9)	44	54.8 (44.3 - 67.4)	33	15.2 (10.2 - 22.3)	10
Midcoast	26.5 (22.7 - 30.9)	59	44.4 (37.0 - 52.9)	44	11.3 (8.2 - 15.6)	15
Penquis	26.7 (22.8 - 31.1)	57	43.4 (36.0 - 52.0)	41	13.5 (9.9 - 18.2)	16
Western	27.6 (23.9 - 31.7)	70	48.3 (41.0 - 56.6)	54	11.4 (8.4 - 15.4)	16
York	30.2 (26.4 - 34.5)	78	49.8 (42.4 - 58.2)	56	14.9 (11.4 - 19.2)	21
Maine	28.5 (27.0 - 30.0)	499	48.7 (45.8 - 51.7)	375	12.7 (11.4 - 14.1)	124

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Brain and Other Nervous System Tumors: Incidence by County of Residence, Maine, 2008-2012

	All Behaviors		Malignant		Non-Malignant	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	15.8 (12.7 - 19.3)	19	5.7 (4.0 - 8.0)	7	10.0 (7.6 - 12.9)	12
Aroostook	14.4 (10.9 - 18.8)	13	7.6 (5.0 - 11.0)	6	6.9 (4.6 - 10.0)	6
Cumberland	15.4 (13.5 - 17.6)	48	8.6 (7.2 - 10.2)	27	6.8 (5.6 - 8.3)	22
Franklin	9.9 (5.6 - 16.3)	3	5.9 (2.6 - 11.3)	2	4.1 (1.6 - 8.7)	1
Hancock	14.8 (10.8 - 19.9)	10	7.1 (4.4 - 10.9)	5	7.7 (4.9 - 11.6)	5
Kennebec	17.1 (14.1 - 20.6)	24	8.1 (6.0 - 10.7)	11	9.0 (6.9 - 11.6)	13
Knox	20.5 (15.2 - 27.4)	11	10.2 (6.5 - 15.3)	5	10.4 (6.7 - 15.5)	6
Lincoln	14.0 (8.8 - 21.1)	6	7.3 (3.6 - 13.1)	3	6.7 (3.5 - 11.9)	3
Oxford	19.4 (14.8 - 25.1)	13	7.9 (5.1 - 11.8)	6	11.5 (8.0 - 16.1)	8
Penobscot	15.4 (12.8 - 18.3)	27	8.1 (6.3 - 10.4)	14	7.3 (5.5 - 9.4)	13
Piscataquis	22.2 (13.4 - 34.6)	5	12.9 (6.7 - 22.8)	3	9.3 (3.8 - 18.8)	2
Sagadahoc	16.6 (11.4 - 23.6)	7	8.7 (5.2 - 14.0)	4	7.9 (4.4 - 13.2)	3
Somerset	15.9 (11.6 - 21.4)	10	7.2 (4.3 - 11.3)	4	8.7 (5.7 - 12.8)	6
Waldo	16.2 (11.4 - 22.5)	8	5.3 (2.9 - 9.1)	3	10.9 (6.9 - 16.5)	5
Washington	8.5 (4.8 - 14.1)	4	4.6 (2.0 - 9.1)	2	3.9 (1.5 - 8.3)	2
York	16.6 (14.2 - 19.2)	38	7.4 (5.8 - 9.3)	17	9.2 (7.5 - 11.2)	21
Maine	15.8 (14.9 - 16.7)	246	7.7 (7.0 - 8.3)	118	8.1 (7.4 - 8.8)	128

Brain and Other Nervous System Tumors: Incidence by Public Health District of Residence, Maine, 2008-2012

	All Behaviors		Malignant		Non-Malignant	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	14.4 (10.9 - 18.8)	13	7.6 (5.0 - 11.0)	6	6.9 (4.6 - 10.0)	6
Central	15.7 (13.2 - 18.6)	29	6.2 (4.6 - 8.1)	11	9.6 (7.6 - 11.8)	18
Cumberland	15.4 (13.5 - 17.6)	48	8.6 (7.2 - 10.2)	27	6.8 (5.6 - 8.3)	22
Downeast	12.3 (9.4 - 15.9)	14	6.2 (4.2 - 8.9)	7	6.2 (4.1 - 8.9)	7
Midcoast	16.7 (14.1 - 19.7)	32	7.7 (5.9 - 9.8)	15	9.0 (7.1 - 11.3)	17
Penquis	16.1 (13.6 - 18.9)	31	8.8 (6.9 - 10.9)	17	7.3 (5.7 - 9.3)	14
Western	15.8 (13.5 - 18.4)	36	6.4 (5.0 - 8.1)	15	9.4 (7.7 - 11.5)	21
York	16.6 (14.2 - 19.2)	38	7.4 (5.8 - 9.3)	17	9.2 (7.5 - 11.2)	21
Maine	15.8 (14.9 - 16.7)	246	7.7 (7.0 - 8.3)	118	8.1 (7.4 - 8.8)	128

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Age-adjusted Obesity-related Cancers: Incidence by Anatomic Site, Maine and US, 2012

	AA Rate (95% CI)	*Count*	*SEER Whites*	*SEER All races*
Total				
Colorectal	38.0 (35.1 - 41.1)	662	38.9 (38.5 - 39.4)	39.7 (39.3 - 40.1)
Esophagus, Adenocarcinoma	4.9 (3.9 - 6.1)	93	3.1 (2.9 - 3.2)	2.6 (2.5 - 2.7)
Kidney and Renal Pelvis	15.8 (14.0 - 17.9)	275	16.1 (15.9 - 16.4)	15.6 (15.3 - 15.8)
Pancreas	13.8 (12.1 - 15.6)	255	12.3 (12.0 - 12.5)	12.3 (12.1 - 12.5)
Male				
Colorectal	43.7 (39.1 - 48.7)	348	44.3 (43.6 - 45.1)	45.3 (44.7 - 46.0)
Esophagus, Adenocarcinoma	8.6 (6.7 - 10.9)	75	5.9 (5.6 - 6.1)	5.0 (4.8 - 5.2)
Kidney and Renal Pelvis	21.8 (18.6 - 25.4)	178	21.8 (21.3 - 22.3)	21.1 (20.7 - 21.6)
Pancreas	13.3 (10.9 - 16.2)	110	14.1 (13.6 - 14.5)	13.9 (13.5 - 14.3)
Female				
Breast, post-menopausal	330.7 (309.5 - 352.8)	937	348.2 (344.8 - 351.7)	339.2 (336.2 - 342.2)
Corpus Uteri	30.6 (27.2 - 34.5)	301	25.1 (24.6 - 25.6)	24.2 (23.8 - 24.7)
Colorectal	33.3 (29.6 - 37.3)	314	34.3 (33.7 - 34.9)	0.0 (34.5 - 35.6)
Esophagus, Adenocarcinoma	1.8 (1.0 - 2.9)	18	0.7 (0.6 - 0.8)	0.0 (0.6 - 0.7)
Kidney and Renal Pelvis	10.7 (8.6 - 13.2)	97	11.3 (11.0 - 11.7)	0.0 (10.6 - 11.1)
Pancreas	14.2 (11.9 - 16.8)	145	10.7 (10.4 - 11.1)	0.0 (10.7 - 11.3)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than SEER White rate.
- Obesity-related cancers defined as cancers of colon and rectum, esophagus (adenocarcinoma), kidney and renal pelvis, pancreas, corpus uteri, and breast (post-menopausal). Post-menopausal breast cancer cases include malignant breast cancer cases diagnosed among females with age 50 years or greater.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count = Average Annual Count
- Cancer sites are ordered by gender-specific cancers and then alphabetically.
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 18 Research Data, Nov 2014 Sub (2000-2012)

Age-adjusted Human Papillomavirus (HPV)-associated Cancers: Incidence by Anatomic Site, Maine and US, 2012

	AA Rate (95% CI)	*Count*	*SEER Whites*	*SEER All races*
Total				
Anus	2.0 (1.3 - 2.8)	34	1.6 (1.5 - 1.7)	1.5 (1.4 - 1.6)
Oral Cavity and Oropharynx (limited sites including base of tongue, tonsils and other oropharynx)	5.0 (4.0 - 6.2)	92	4.4 (4.3 - 4.6)	4.0 (3.8 - 4.1)
Male				
Penis	0.9 (0.3 - 1.8)	7	0.8 (0.7 - 0.9)	0.8 (0.7 - 0.9)
Anus	2.0 (1.1 - 3.3)	15	1.1 (1.0 - 1.3)	1.1 (1.0 - 1.2)
Oral Cavity and Oropharynx (limited sites including base of tongue, tonsils and other oropharynx)	7.8 (6.1 - 10.0)	70	7.6 (7.3 - 7.9)	6.9 (6.7 - 7.2)
Female				
Cervix	4.3 (2.9 - 6.2)	31	7.3 (7.0 - 7.6)	7.4 (7.1 - 7.7)
Vagina	0.6 (0.2 - 1.4)	5	0.5 (0.4 - 0.5)	0.5 (0.4 - 0.5)
Vulva	2.7 (1.8 - 4.1)	26	2.0 (1.9 - 2.2)	1.8 (1.7 - 1.9)
Anus	1.9 (1.1 - 3.1)	19	2.1 (1.9 - 2.2)	1.8 (1.7 - 2.0)
Oral Cavity and Oropharynx (limited sites including base of tongue, tonsils and other oropharynx)	2.4 (1.5 - 3.8)	22	1.5 (1.3 - 1.6)	1.3 (1.2 - 1.4)

Notes:

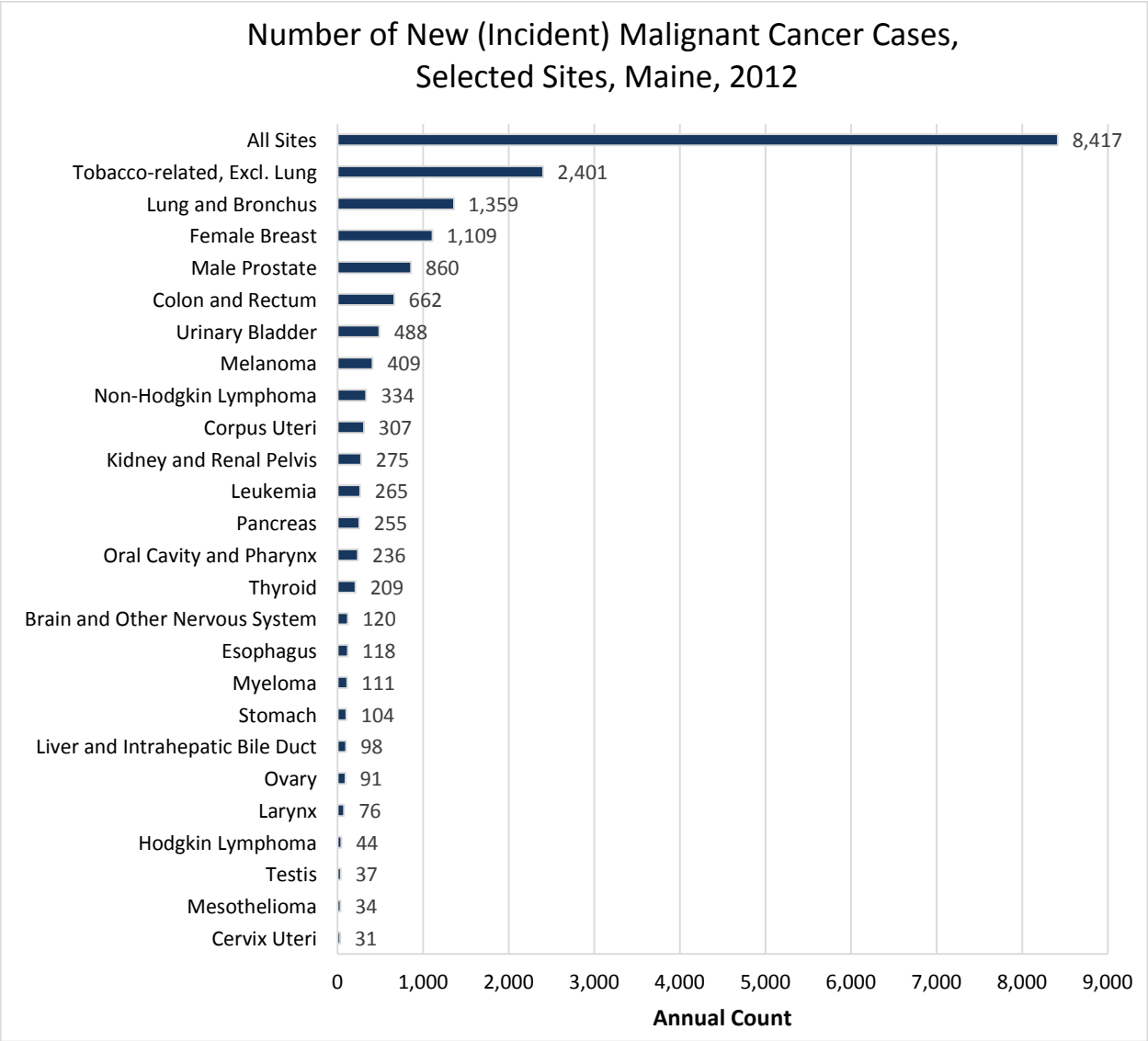
- A shaded cell indicates that Maine rate is significantly higher than SEER White rate.
- HPV-associated Cancers defined as all carcinomas of the Cervix, and squamous cell carcinomas for Vagina, Vulva, Penis, Anus and Oropharynx. Oral cavity and oropharyngeal cancers are limited to the subsites specified in Appendix 2.
- Incidence case definitions are based on SEER Site Recode ICD-O-3/WHO 2008.
- Incidence case definitions exclude histologies consistent with Kaposi sarcoma and mesothelioma, where applicable.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count = Annual Count
- Cancer sites are ordered by gender-specific cancers and then alphabetically.
- Subgroup counts might not sum to Maine total due to rounding.

Data Sources:

- Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 18 Research Data, Nov 2014 Sub (2000-2012)

CANCER INCIDENCE TRENDS

Count of New Malignant Cancer, Maine 2012



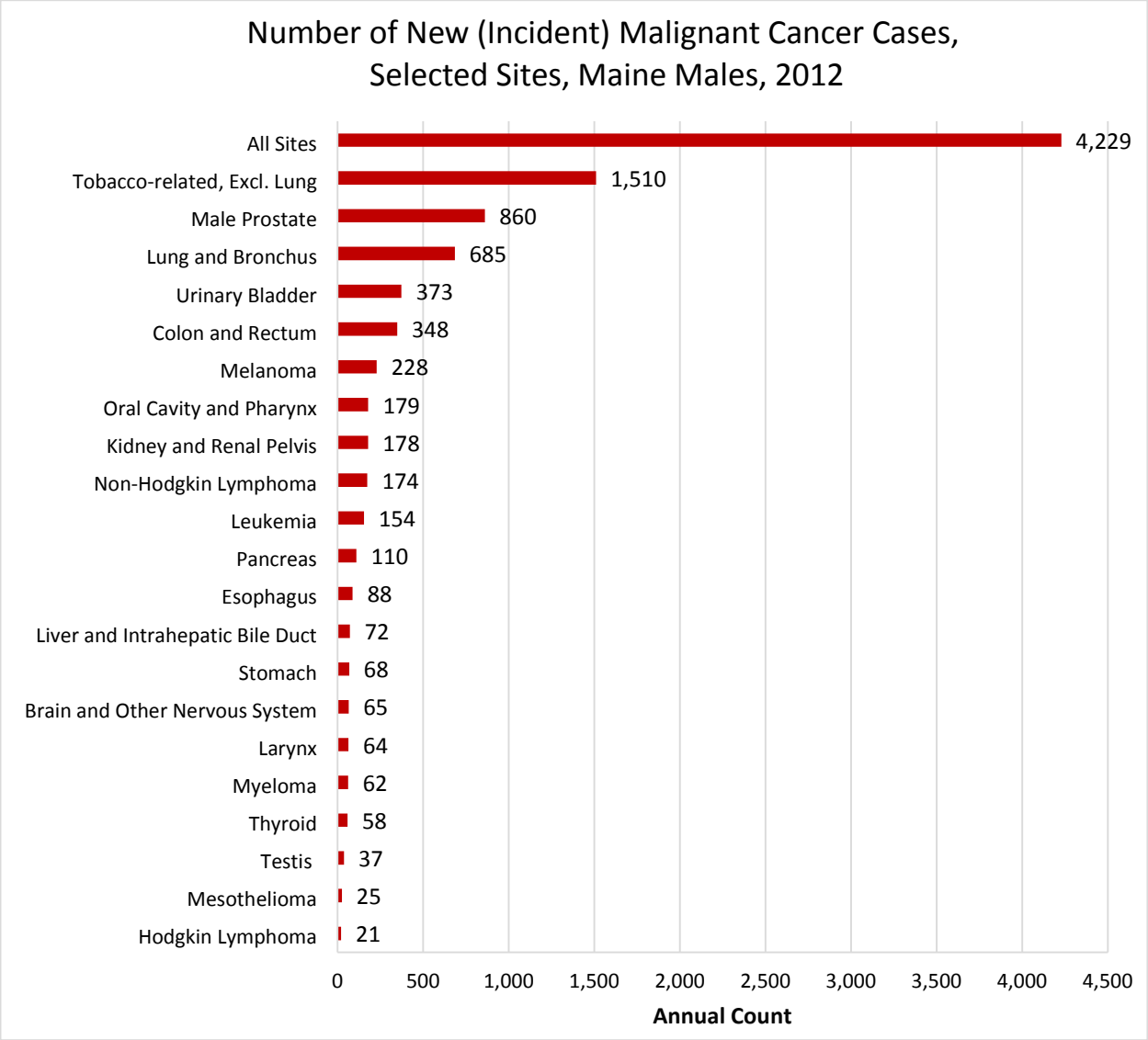
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia. These cancers are also reported separately in the figure.

Count of New Malignant Cancers, Maine Males, 2012



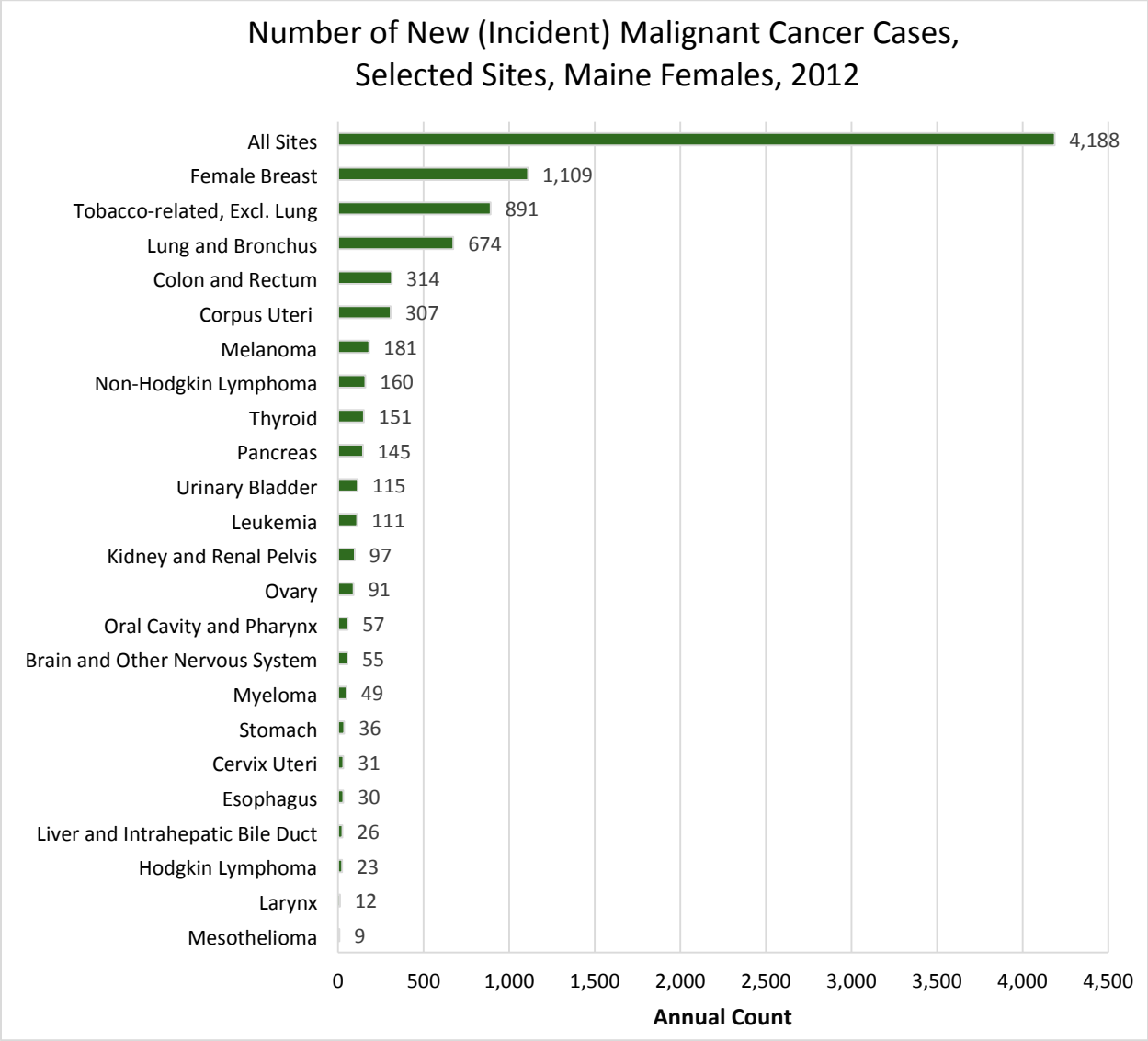
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, colon and rectum, liver and acute myeloid leukemia. These cancers are also reported separately in the figure.

Count of New Malignant Cancers, Maine Females 2012



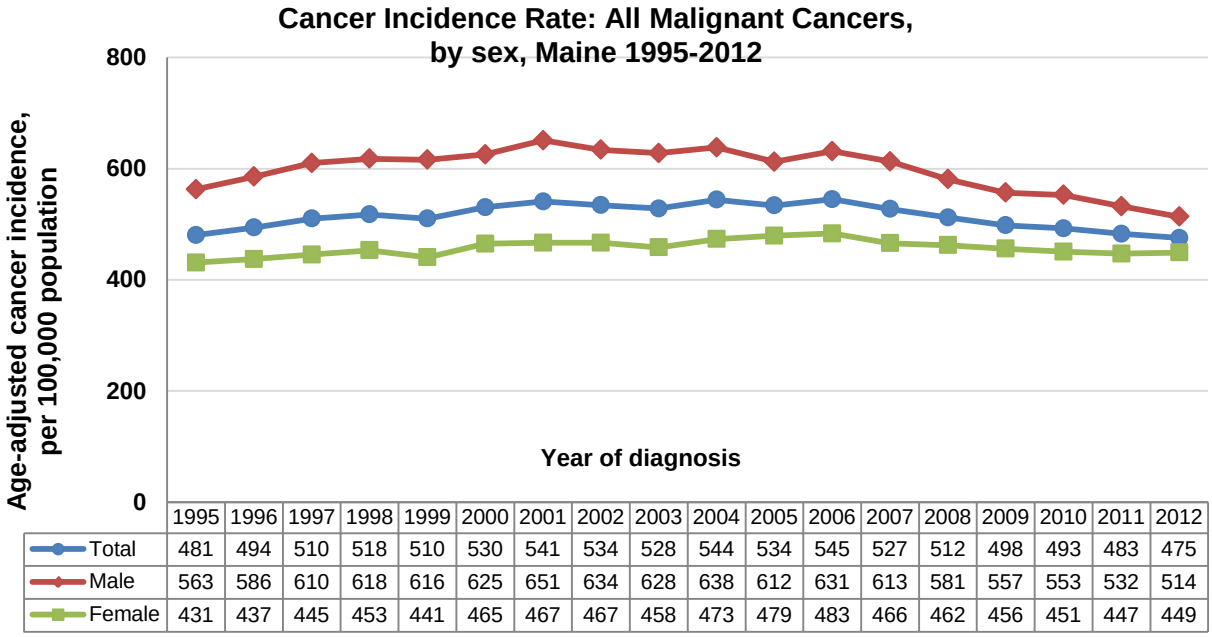
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia. These cancers are also reported separately in the figure.

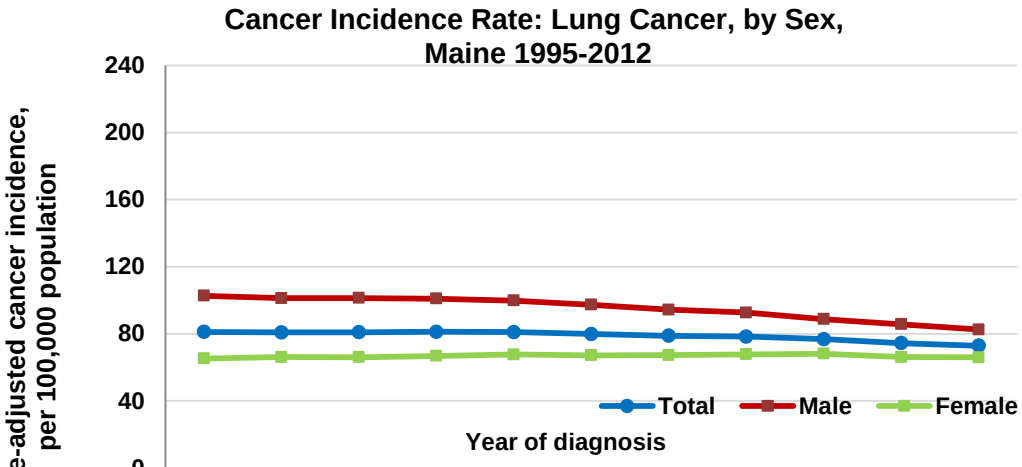
Age-adjusted Incidence of all Malignant Cancers, Maine 1995-2012



	Total		Male		Female	
	AA Rate (95% CI)	*Count*	*AA Rate (95% CI)*	*Count*	*AA Rate (95% CI)*	*Count*
1995	480.5 (468.6 - 492.5)	6,325	562.6 (543.0 - 582.7)	3,203	430.9 (415.7 - 446.5)	3,122
1996	493.9 (482.0 - 506.0)	6,589	585.5 (565.6 - 606.0)	3,370	437.1 (421.9 - 452.6)	3,219
1997	510.2 (498.2 - 522.4)	6,925	609.8 (589.7 - 630.4)	3,569	445.4 (430.3 - 460.9)	3,356
1998	517.6 (505.6 - 529.8)	7,114	617.7 (597.6 - 638.3)	3,676	453.2 (438.1 - 468.8)	3,438
1999	510.2 (498.4 - 522.2)	7,159	616.1 (596.3 - 636.4)	3,751	440.5 (425.7 - 455.8)	3,408
2000	530.4 (518.5 - 542.5)	7,579	625.4 (605.8 - 645.6)	3,918	464.8 (449.7 - 480.3)	3,661
2001	541.0 (529.1 - 553.2)	7,847	650.7 (630.8 - 671.1)	4,139	466.7 (451.7 - 482.2)	3,708
2002	534.3 (522.6 - 546.3)	7,890	633.9 (614.5 - 653.8)	4,130	466.6 (451.6 - 481.9)	3,760
2003	528.3 (516.7 - 540.1)	7,931	627.9 (608.7 - 647.5)	4,181	458.3 (443.5 - 473.4)	3,750
2004	544.1 (532.4 - 556.0)	8,339	638.1 (619.1 - 657.6)	4,393	473.3 (458.4 - 488.5)	3,946
2005	533.7 (522.2 - 545.4)	8,299	612.2 (593.7 - 631.2)	4,263	479.2 (464.3 - 494.5)	4,036
2006	544.8 (533.3 - 556.6)	8,628	631.1 (612.5 - 650.2)	4,499	483.4 (468.5 - 498.6)	4,129
2007	527.3 (516.1 - 538.8)	8,535	612.8 (594.6 - 631.3)	4,491	465.7 (451.2 - 480.7)	4,044
2008	512.2 (501.1 - 523.4)	8,462	580.8 (563.3 - 598.6)	4,378	462.3 (447.9 - 477.1)	4,084
2009	498.0 (487.2 - 509.0)	8,338	556.8 (539.8 - 574.2)	4,262	455.9 (441.6 - 470.6)	4,076
2010	492.6 (481.9 - 503.6)	8,374	552.6 (535.9 - 569.8)	4,331	450.5 (436.2 - 465.1)	4,043
2011	482.8 (472.2 - 493.6)	8,316	532.3 (515.9 - 549.1)	4,234	447.1 (433.0 - 461.6)	4,082
2012	475.1 (464.7 - 485.7)	8,417	513.5 (497.7 - 529.8)	4,229	449.1 (435.1 - 463.6)	4,188

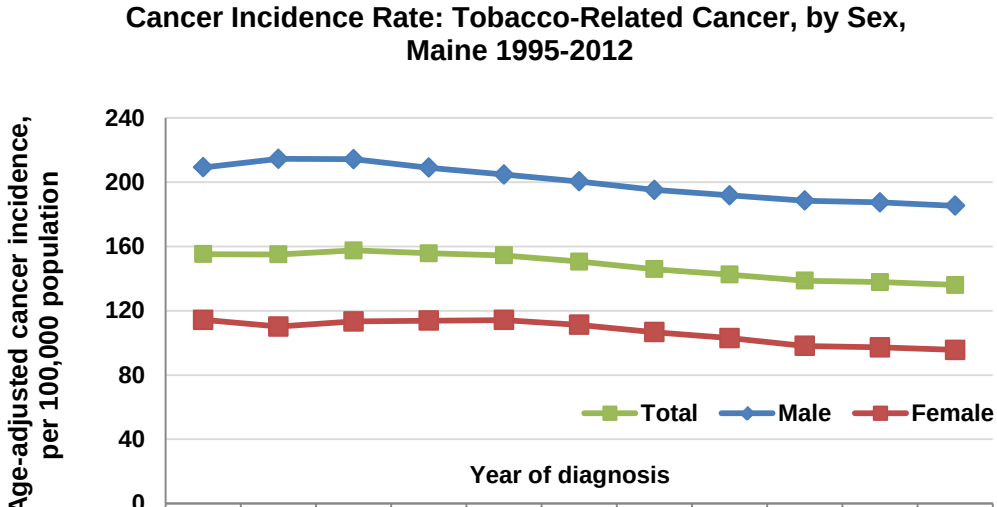
Notes: Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Age-adjusted Incidence of Lung Cancer, Maine 2000-2012



	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012
Total	81.1	80.8	80.9	81.2	81	79.9	78.8	78.3	76.8	74.4	72.9
Male	102.7	101.2	101.3	100.9	99.8	97.3	94.4	92.6	88.7	85.7	82.5
Female	65.3	66.1	66	66.8	67.6	67.2	67.3	67.7	68.1	66.1	65.9

Age-adjusted Incidence of Tobacco-Related Cancers, Excluding Lung, Maine 2000-2012



	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012
Total	155.3	155.1	157.6	155.8	154.5	150.6	145.9	142.5	138.7	137.8	136.1
Male	209.3	214.5	214.3	209.1	204.8	200.5	195.2	191.8	188.5	187.4	185.4
Female	114.3	110.2	113.3	113.8	114.2	111.3	106.7	103	98.1	97.2	95.6

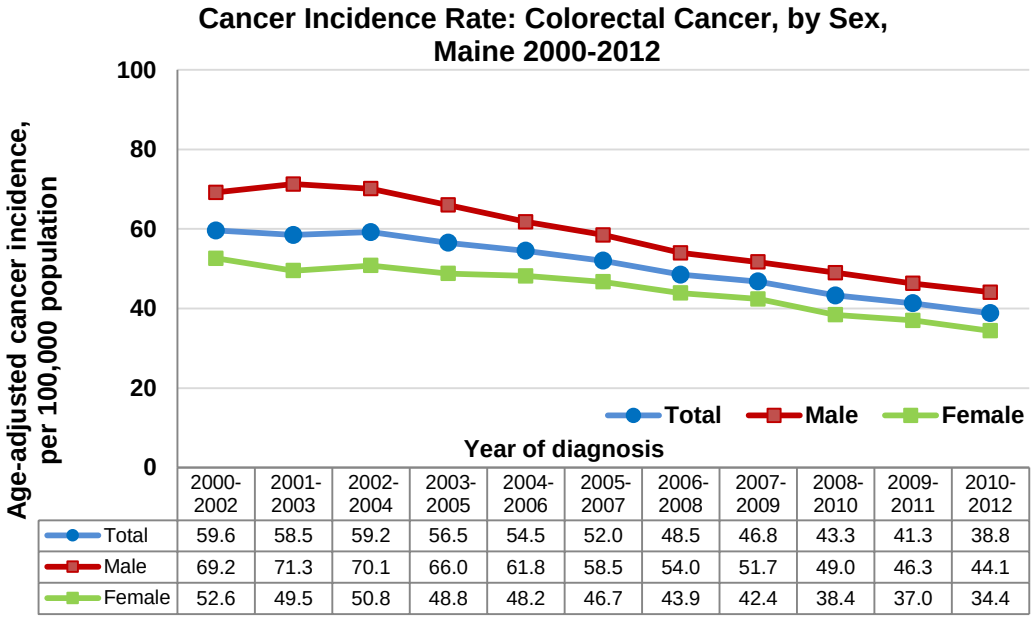
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

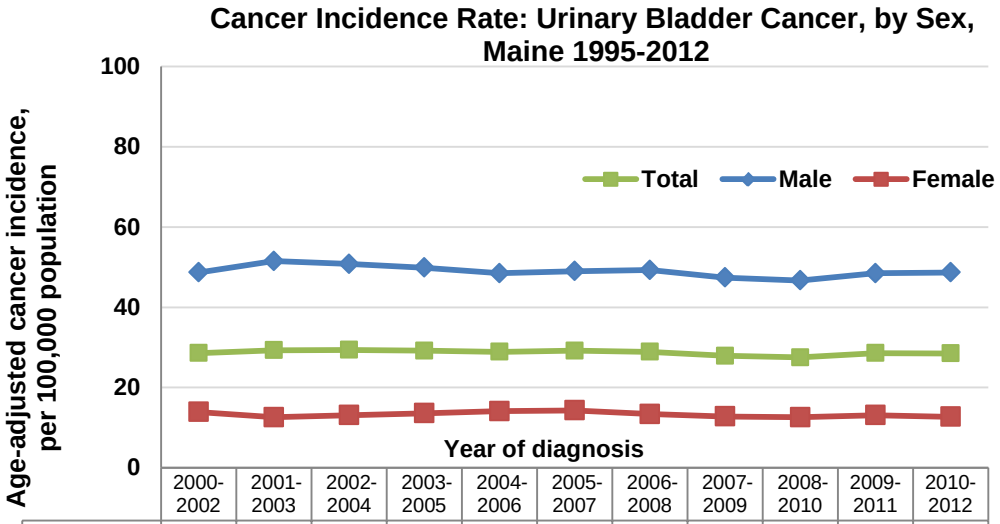
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Tobacco-related cancers excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.

Age-adjusted Incidence of Colorectal Cancer, Maine 2000-2012



	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012
Total	59.6	58.5	59.2	56.5	54.5	52.0	48.5	46.8	43.3	41.3	38.8
Male	69.2	71.3	70.1	66.0	61.8	58.5	54.0	51.7	49.0	46.3	44.1
Female	52.6	49.5	50.8	48.8	48.2	46.7	43.9	42.4	38.4	37.0	34.4

Age-adjusted Incidence of Urinary Bladder Cancer, Maine 2000-2012



	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012
Total	28.6	29.3	29.4	29.2	28.9	29.2	28.9	27.9	27.5	28.6	28.5
Male	48.7	51.5	50.8	49.9	48.5	49	49.3	47.4	46.7	48.5	48.7
Female	13.9	12.6	13.1	13.6	14.1	14.3	13.4	12.8	12.6	13.1	12.7

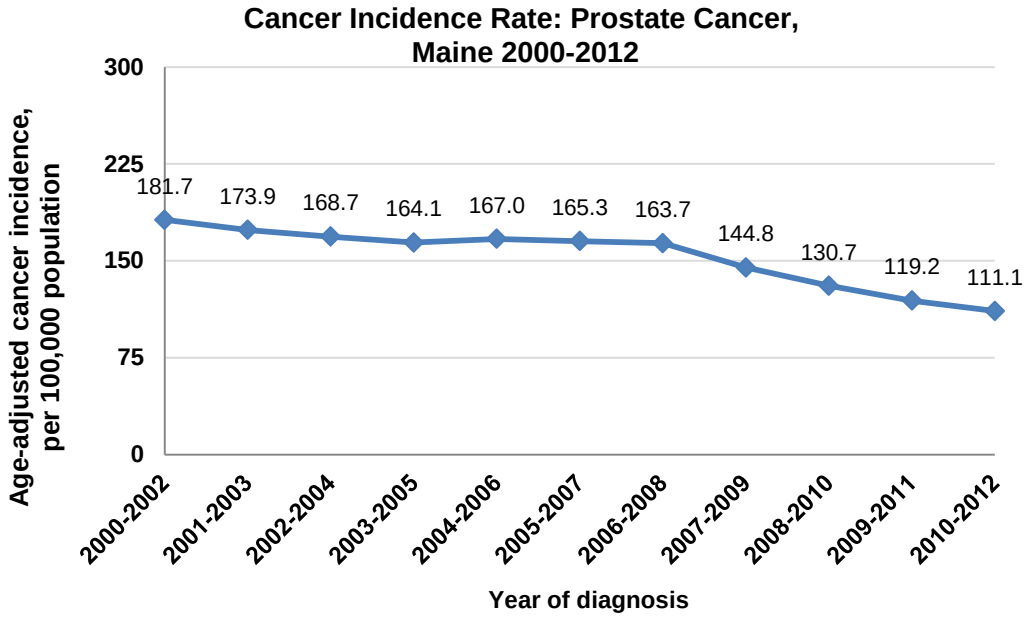
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.

Age-adjusted Incidence of Prostate Cancer, Maine 2000-2012



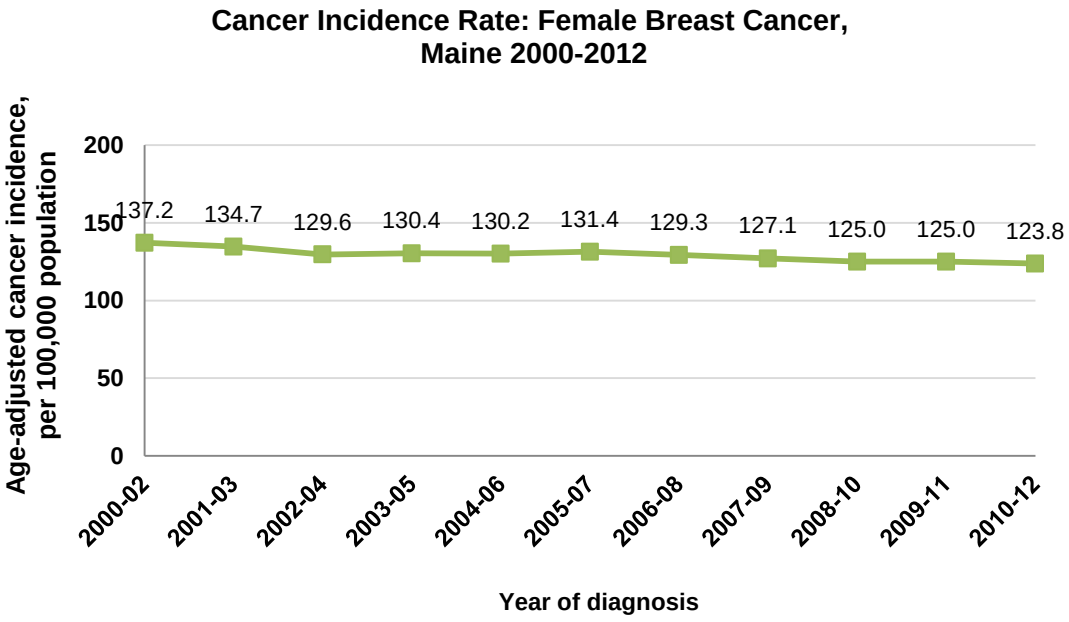
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

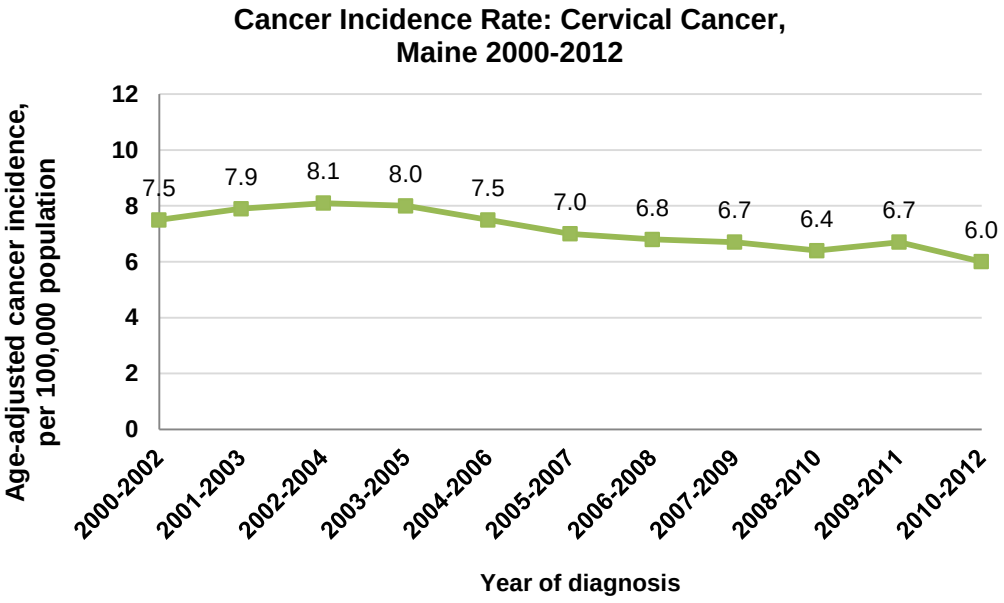
Notes:

- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.

Age-adjusted Incidence of Breast Cancer among Females, Maine 2000-2012



Age-adjusted Incidence of Cervical Cancer among Females, Maine 2000-2012



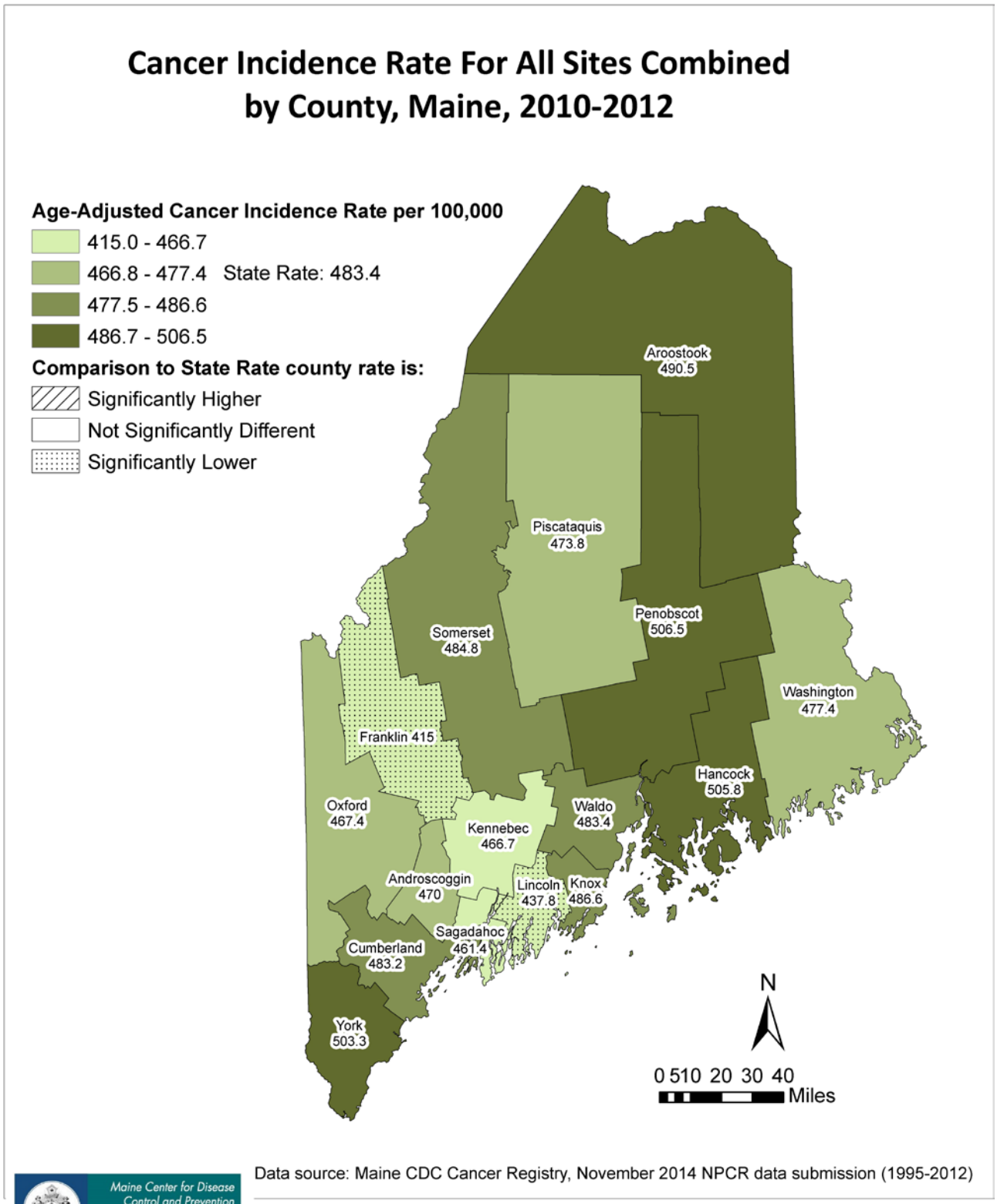
Data Source:

- Data Source: Maine Incidence: Maine CDC Cancer Registry, 1995-2012 NPCR-CSS submission

Notes:

- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.

CANCER INCIDENCE MAPS

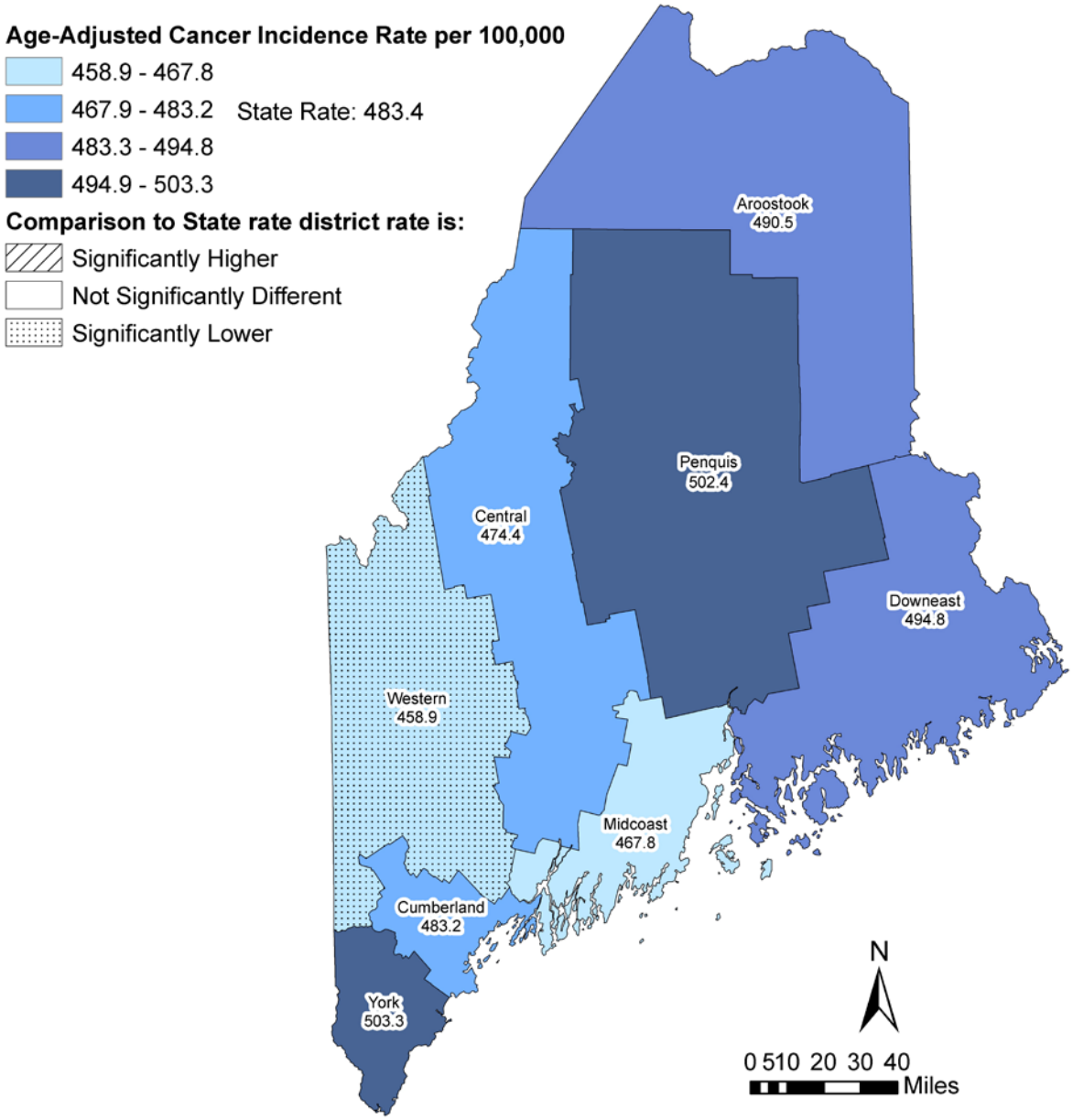


Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor
Mary C. Mayhew, Commissioner

Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by USM Epi.

Cancer Incidence Rate For All Sites Combined by Public Health District, Maine, 2010-2012



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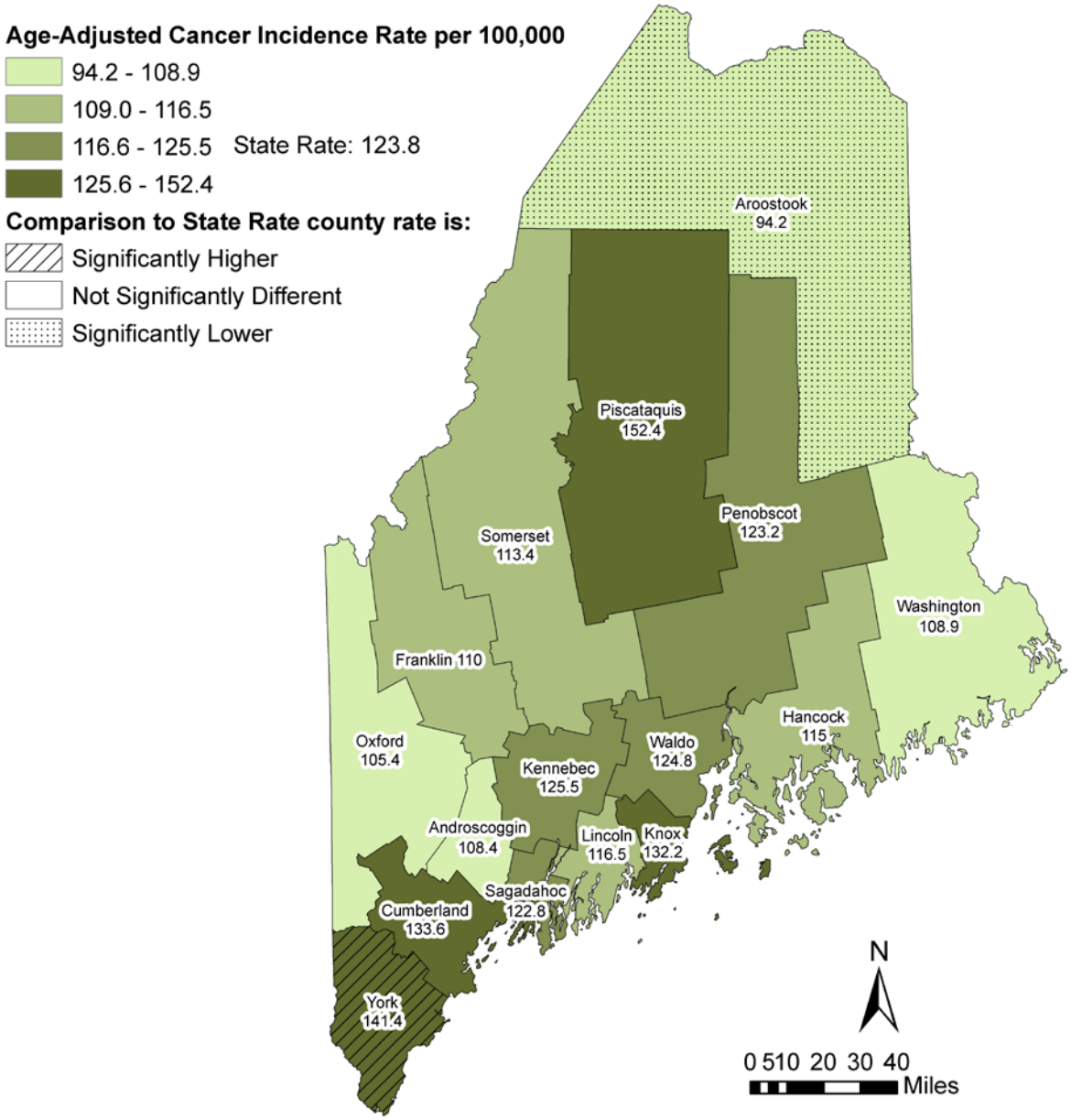
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS.
Map created February 2016 by USM Epi.

Female Breast Cancer Incidence Rate by County, Maine, 2010-2012



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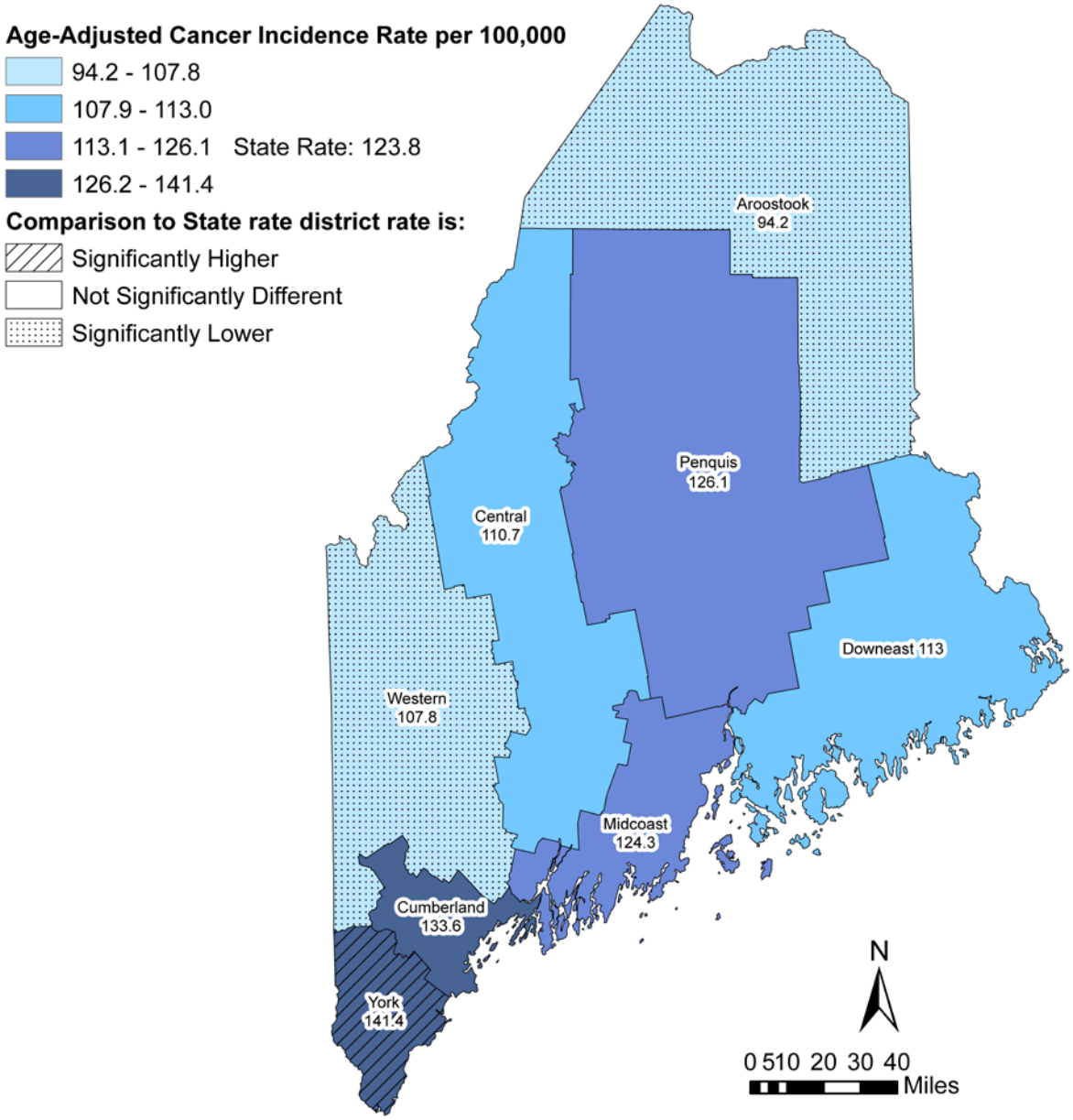
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by USM Epi.

Female Breast Cancer Incidence Rate by Public Health District, Maine, 2010-2012



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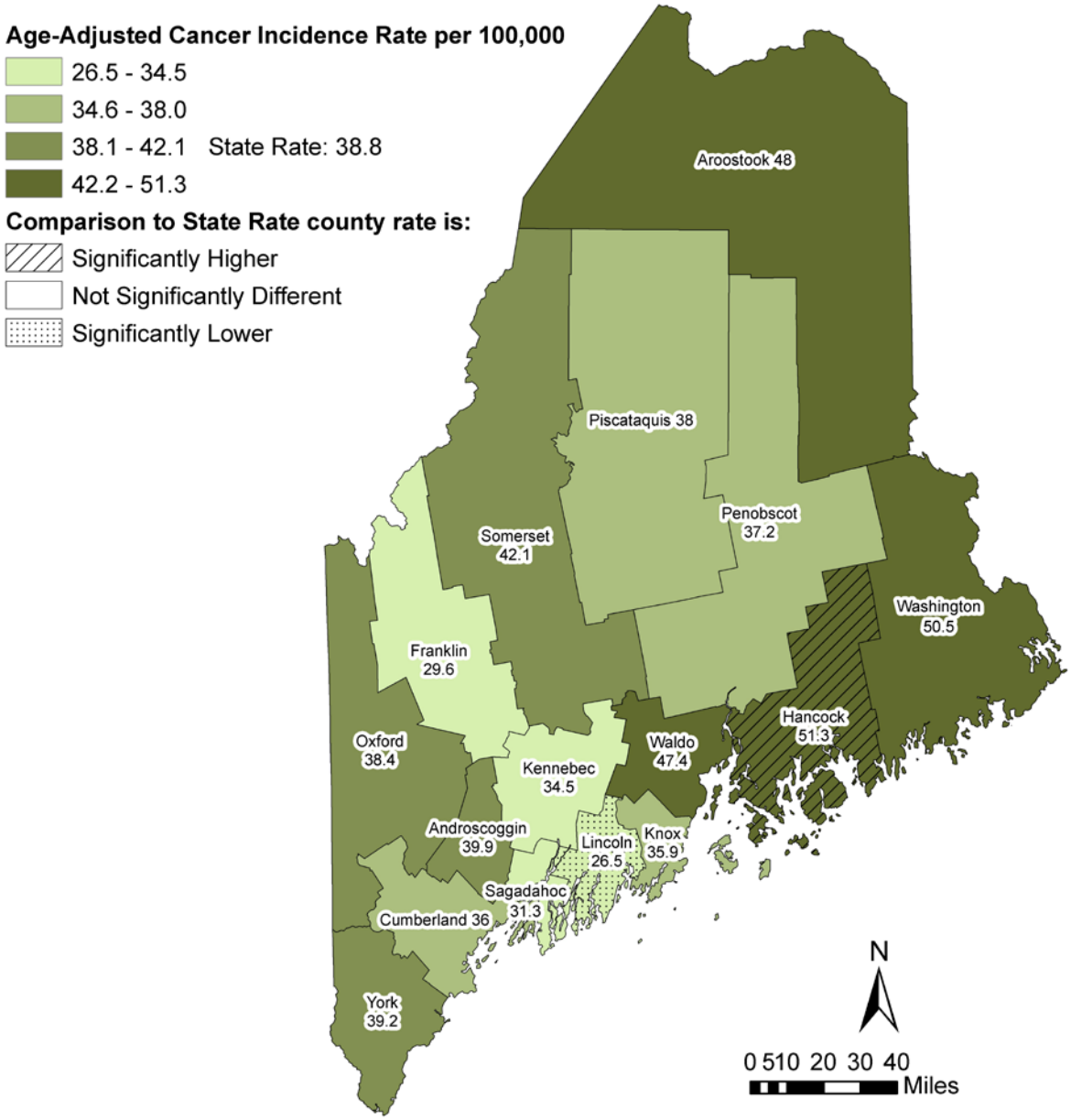
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS.
Map created February 2016 by USM Epi.

Colorectal Cancer Incidence Rate by County, Maine, 2010-2012



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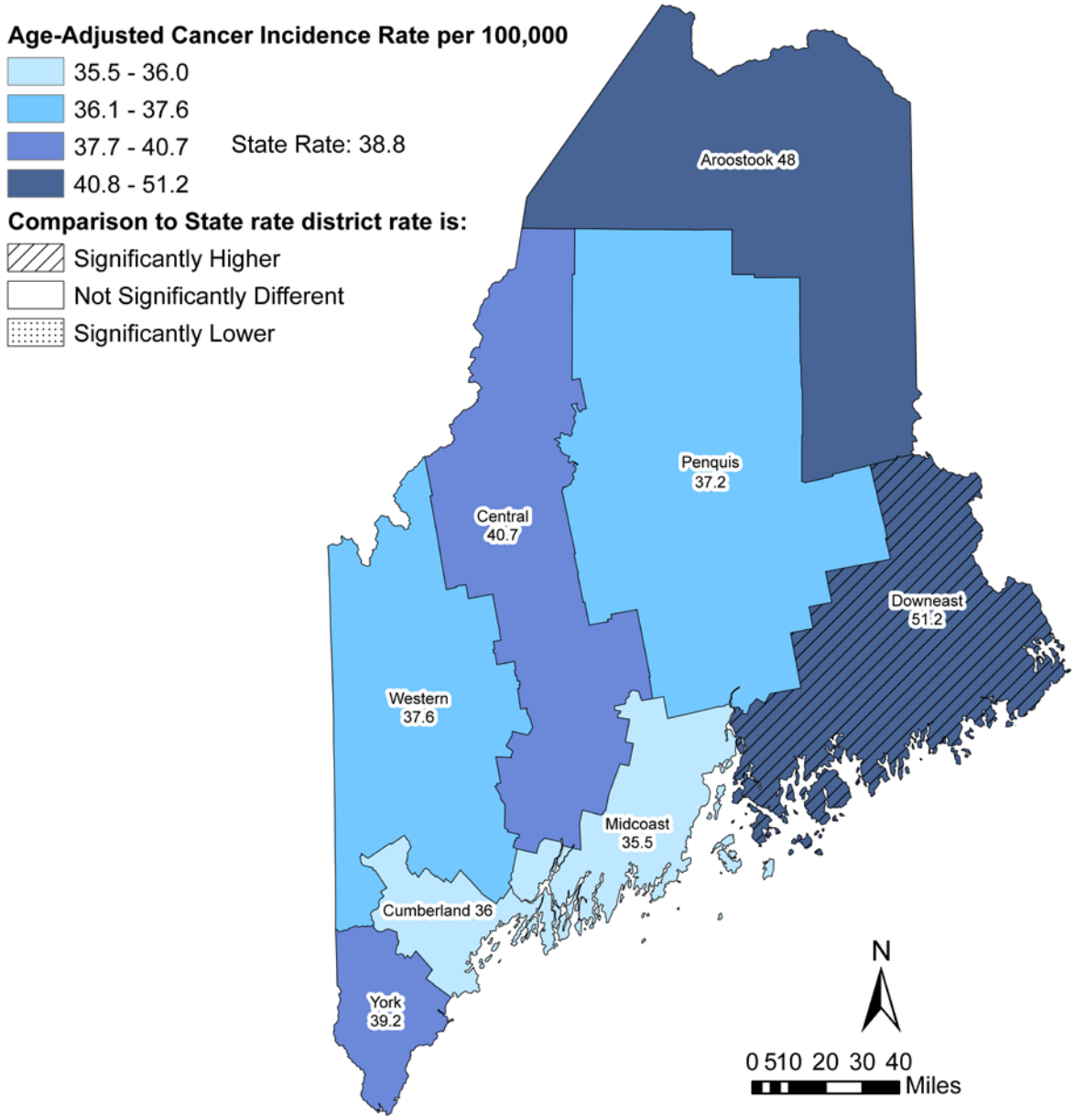
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by USM Epi.

Colorectal Cancer Incidence Rate by Public Health District, Maine, 2010-2012



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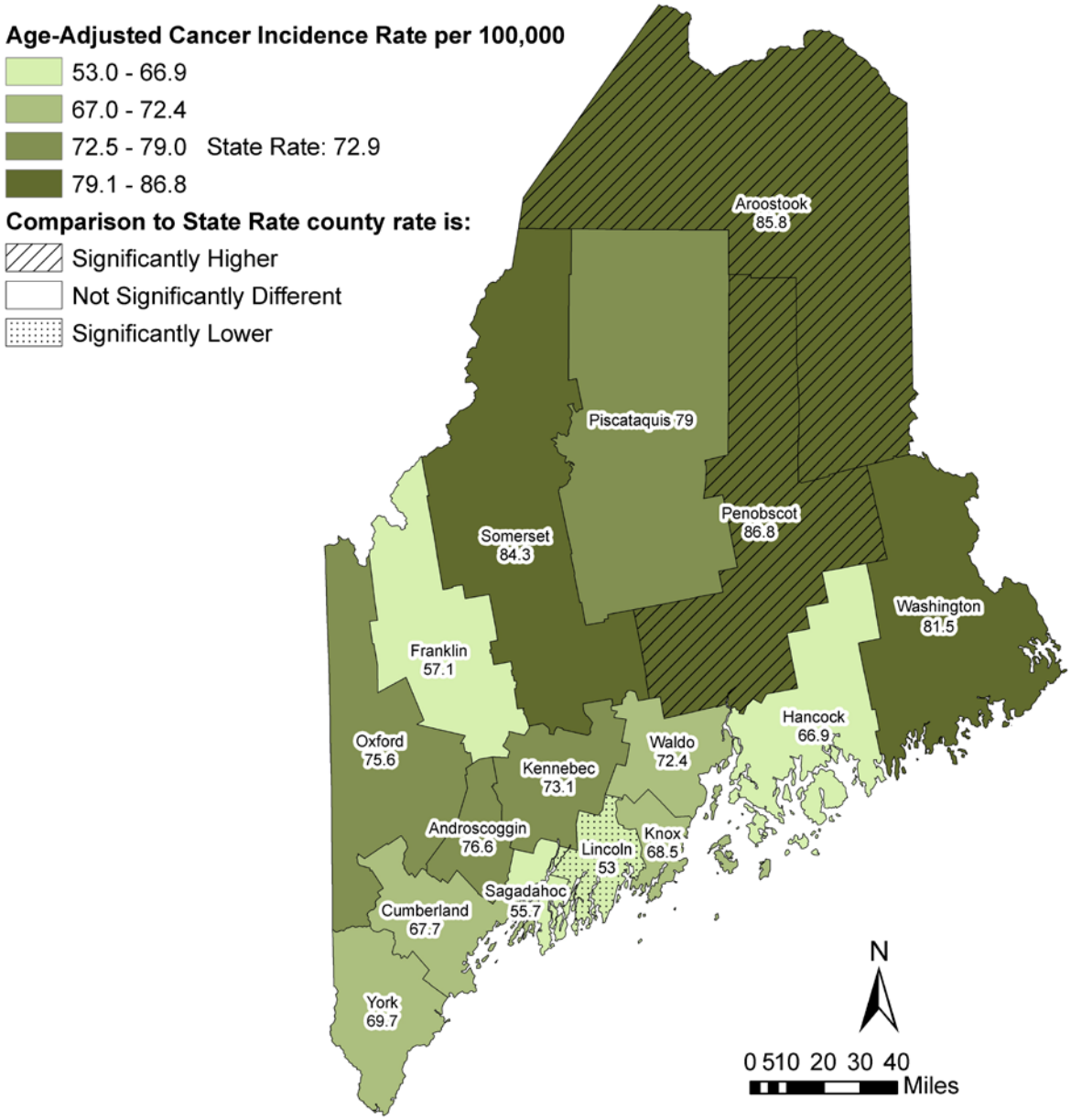
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS.
Map created February 2016 by USM Epi.

Lung Cancer Incidence Rate by County, Maine, 2010-2012

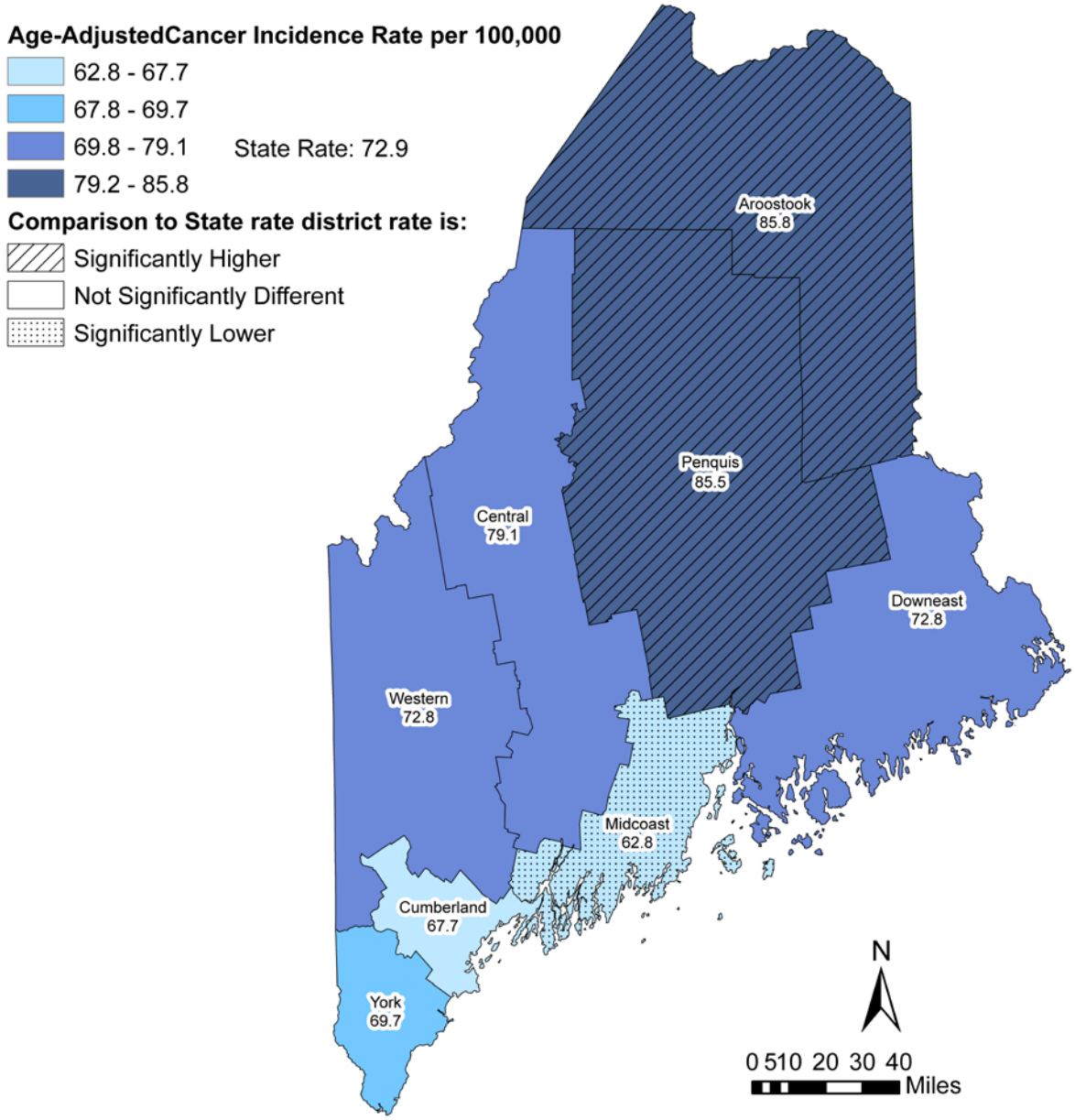


Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor Mary C. Mayhew, Commissioner

Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by USM Epi.

Lung Cancer Incidence Rate by Public Health District, Maine, 2010-2012



Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
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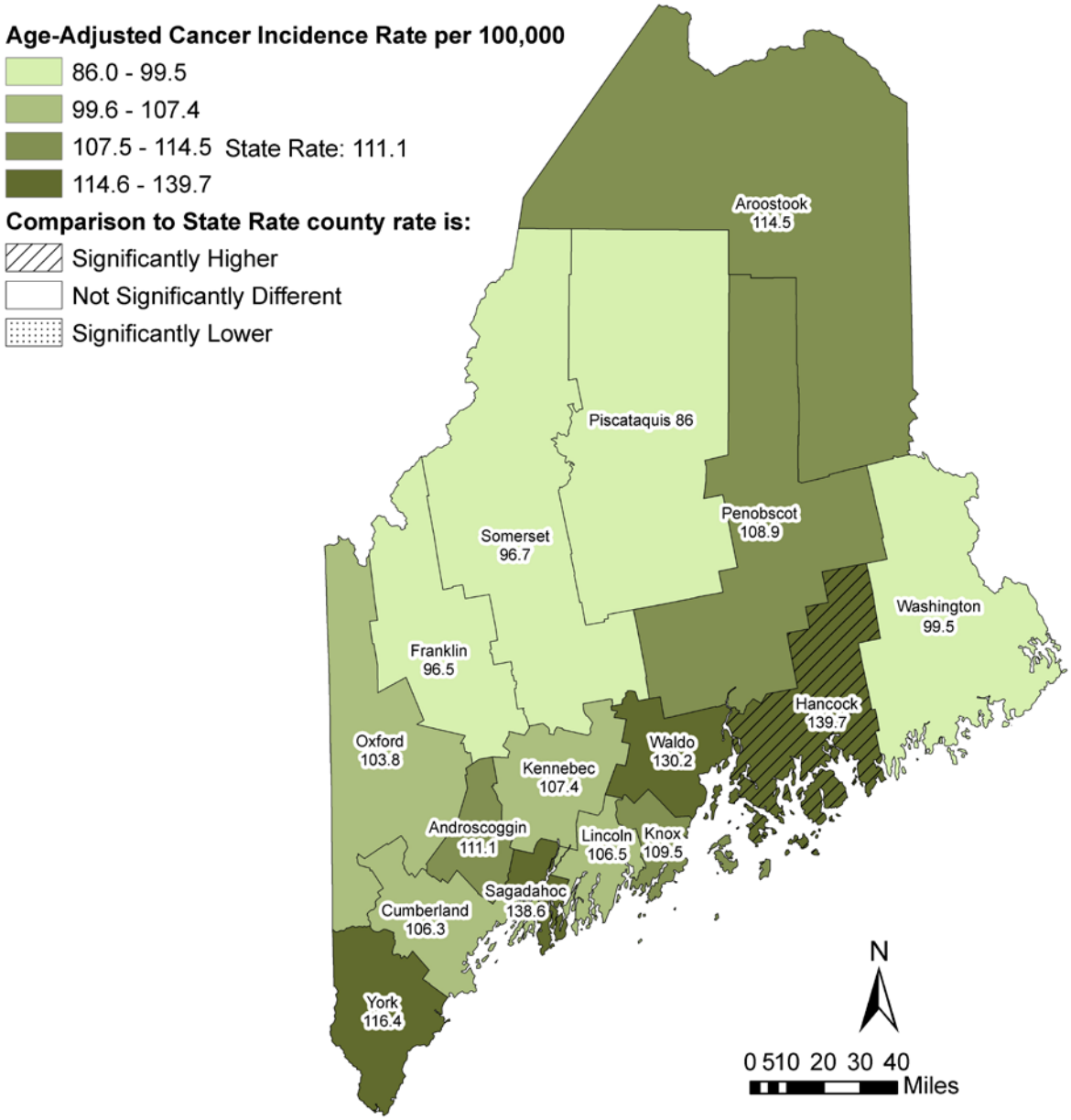
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS.
Map created February 2016 by USM Epi.

Prostate Cancer Incidence Rate by County, Maine, 2010-2012



Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
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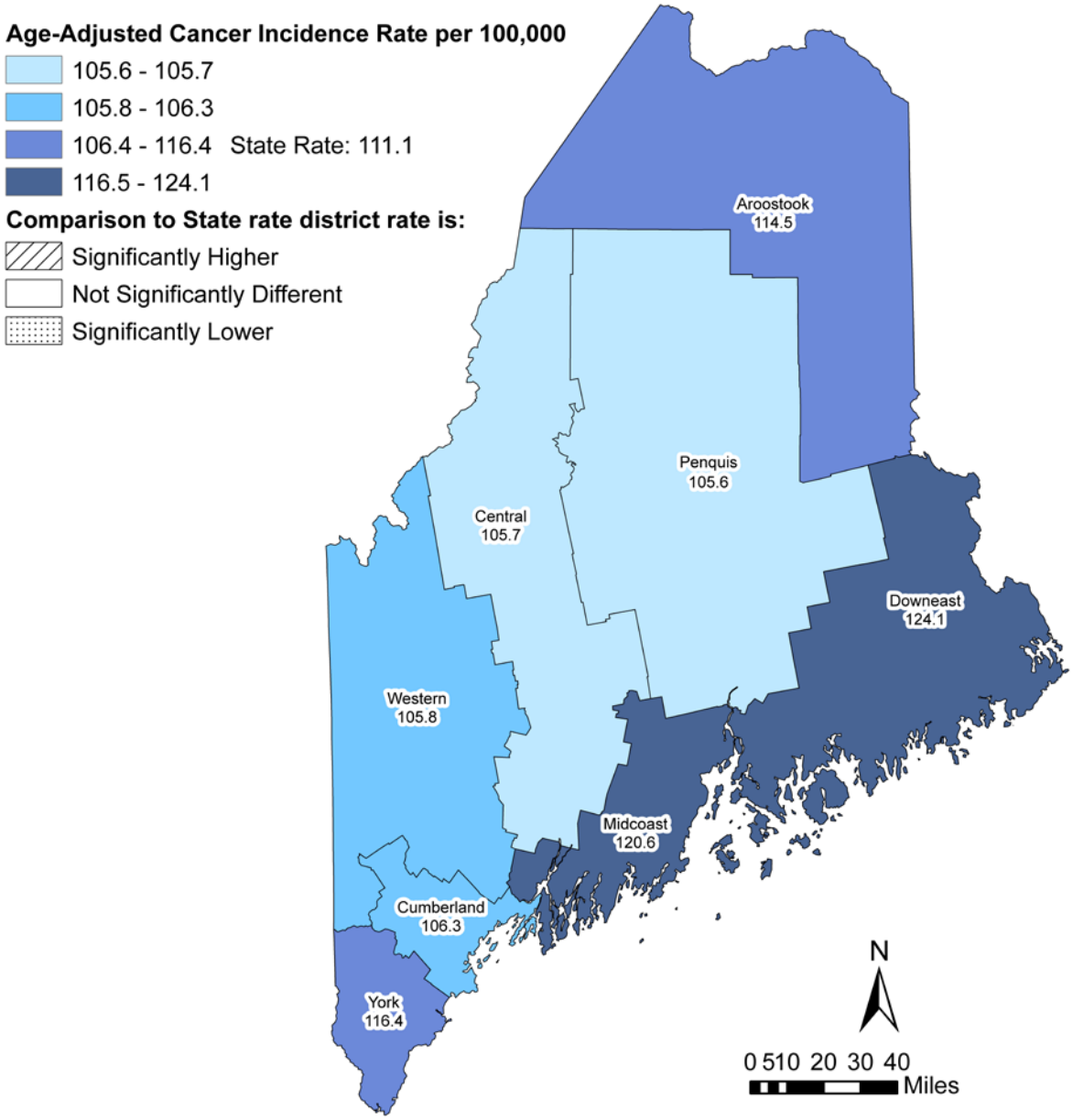
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by USM Epi.

Prostate Cancer Incidence Rate by Public Health District, Maine, 2010-2012



Maine Center for Disease Control and Prevention
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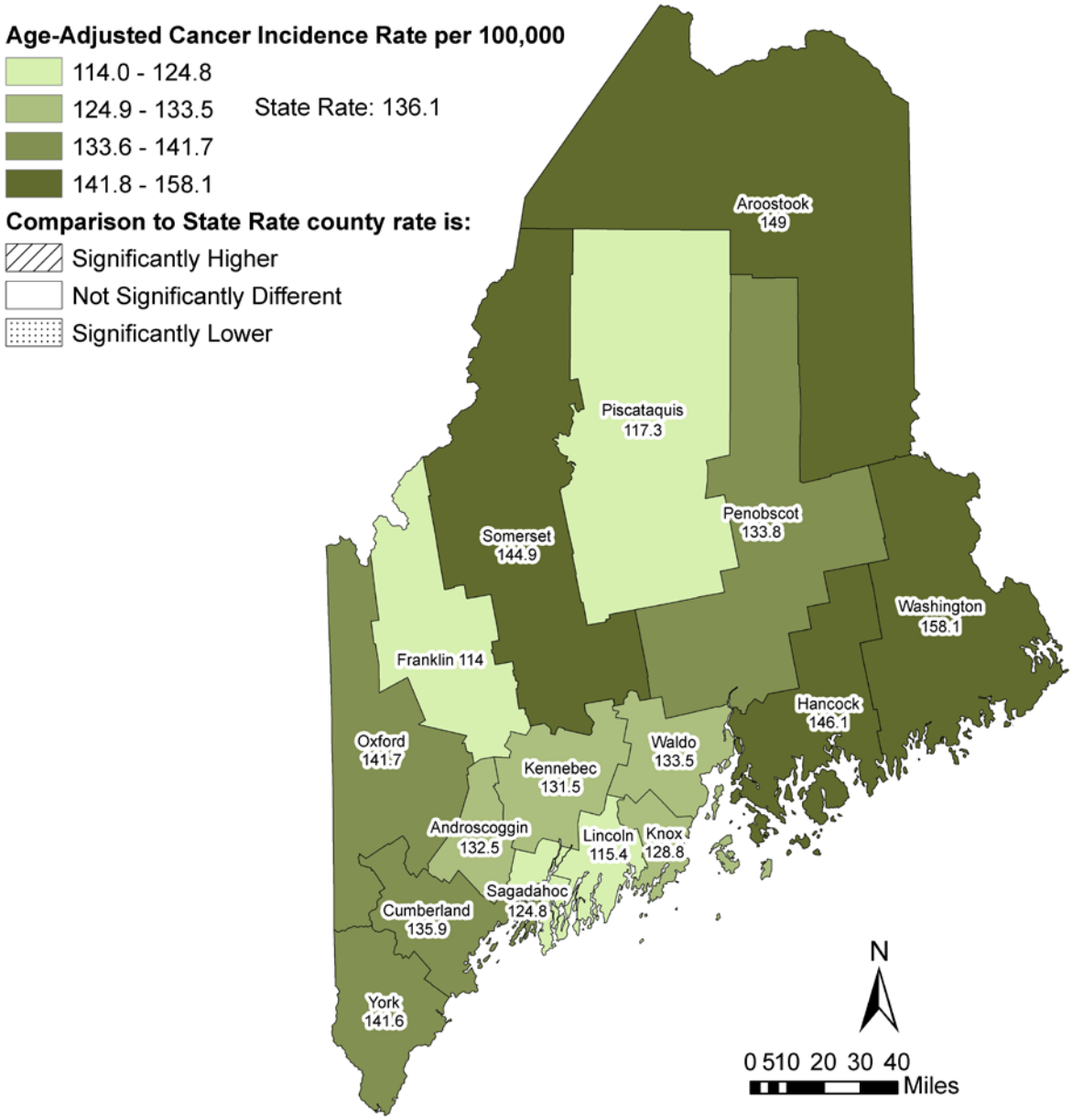
Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS.
Map created February 2016 by USM Epi.

Tobacco-related Cancers, Excluding Lung, Incidence Rate by County, Maine, 2010-2012



Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

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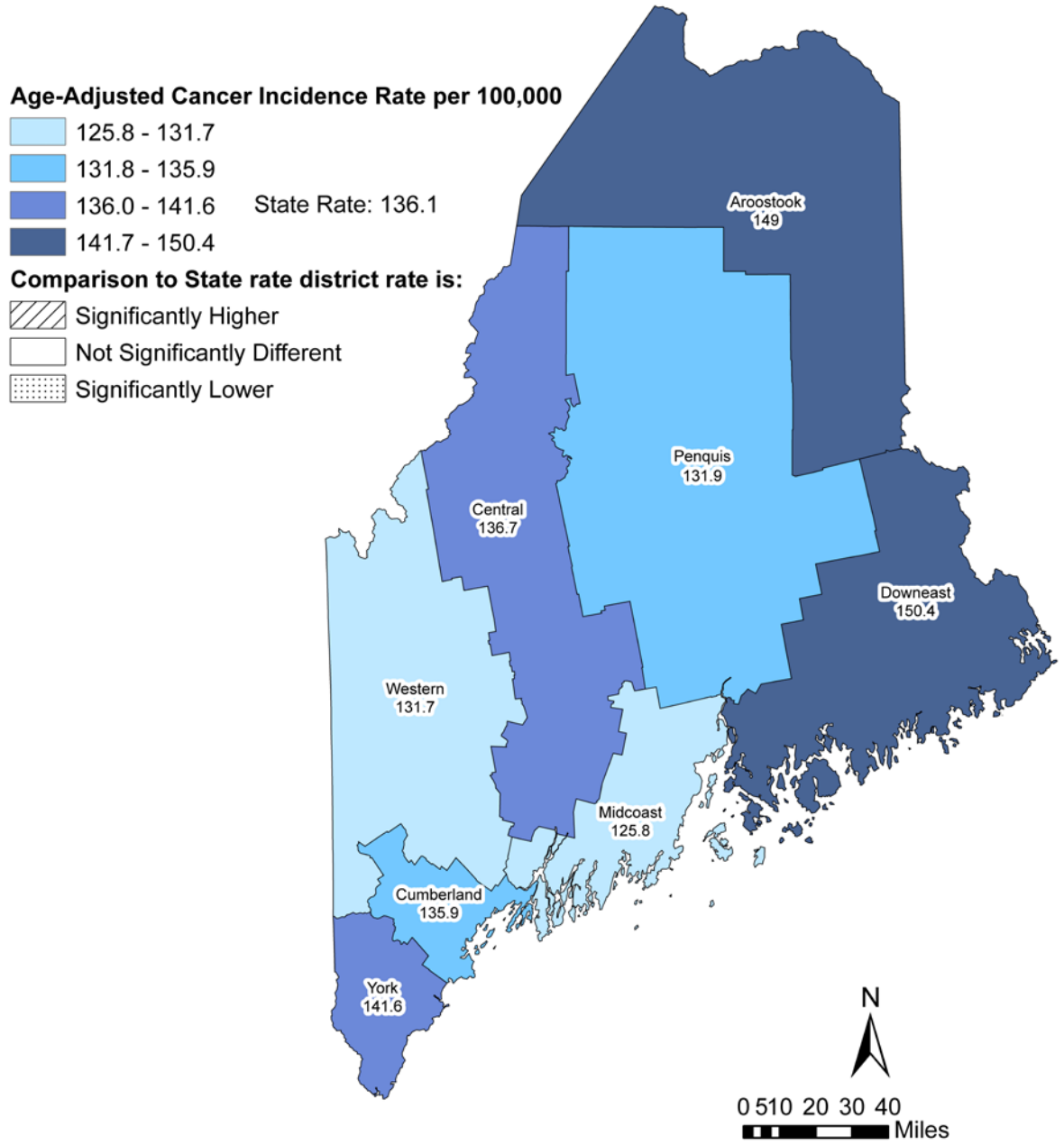
Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Tobacco-related cancers excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, colon and rectum, liver and acute myeloid leukemia.
Map created February 2016 by USM Epi.

Tobacco-related Cancers, Excluding Lung, Incidence Rate by Public Health District, Maine, 2010-2012



Data source: Maine CDC Cancer Registry, November 2014 NPCR data submission (1995-2012)

Note: Age-adjusted incidence rates are new cases per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Tobacco-related cancers excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, colon and rectum, liver and acute myeloid leukemia. Map created February 2016 by USM Epi.

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CANCER RELATED MORTALITY

MORTALITY: STATE AND NATIONAL COMPARISONS

Age-adjusted Cancer Mortality Rate by Site, Maine 2012

	Total			
	Maine		*U.S.*	
	AA Rate (95% CI)	*Count*	*U.S. Whites*	*U.S. All Races*
All Malignant Cancers	179.0 (172.8 - 185.5)	3,226	166.4 (166.0 - 166.8)	166.4 (166.0 - 166.9)
Lung and Bronchus	53.0 (49.6 - 56.5)	958	45.0 (44.7 - 45.2)	45.7 (45.4 - 45.9)
Tobacco-related, excl. Lung	55.7 (52.3 - 59.4)	1,005	52.7 (52.4 - 53.0)	53.6 (53.3 - 53.8)
Colon and Rectum	14.1 (12.3 - 16.0)	250	14.7 (14.6 - 14.8)	14.3 (14.2 - 14.4)
Breast	See page 28 for gender specific rates			
Prostate	See page 29 for gender specific rates			
Pancreas	12.1 (10.5 - 13.8)	224	11.0 (10.9 - 11.1)	10.9 (10.8 - 11.0)
Leukemia	6.9 (5.7 - 8.3)	120	6.8 (6.7 - 6.9)	7.1 (7.0 - 7.2)
Non-Hodgkin Lymphoma	6.3 (5.2 - 7.6)	116	5.9 (5.8 - 6.0)	6.2 (6.1 - 6.3)
Urinary Bladder	6.3 (5.2 - 7.6)	114	4.4 (4.3 - 4.5)	4.6 (4.5 - 4.7)
Liver & Intrahepatic Bile Duct	5.3 (4.3 - 6.6)	99	6.3 (6.3 - 6.4)	5.9 (5.8 - 6.0)
Esophagus	4.8 (3.8 - 5.9)	87	4.1 (4.0 - 4.2)	4.3 (4.2 - 4.4)
Brain and Other Nervous System	4.7 (3.7 - 5.9)	82	4.4 (4.3 - 4.5)	4.8 (4.7 - 4.9)
Kidney and Renal Pelvis	4.3 (3.4 - 5.4)	76	3.8 (3.8 - 3.9)	4.0 (3.9 - 4.0)
Oral Cavity and Pharynx	3.1 (2.3 - 4.1)	57	2.5 (2.4 - 2.5)	2.5 (2.4 - 2.5)
Acute Myeloid Leukemia	3.1 (2.3 - 4.2)	52	2.8 (2.7 - 2.8)	2.9 (2.8 - 2.9)
Melanoma of the Skin	3.0 (2.2 - 3.9)	54	2.7 (2.6 - 2.7)	3.1 (3.0 - 3.1)
Myeloma	2.7 (2.0 - 3.7)	50	3.4 (3.3 - 3.5)	3.2 (3.1 - 3.2)
Stomach	2.2 (1.6 - 3.0)	41	3.2 (3.2 - 3.3)	2.8 (2.7 - 2.9)
Larynx	1.2 (0.8 - 1.9)	23	1.0 (1.0 - 1.1)	1.0 (0.9 - 1.0)
Thyroid	0.6 (0.3 - 1.1)	10	0.5 (0.5 - 0.5)	0.5 (0.5 - 0.5)
Ovary	See page 47 for gender specific rates			
Corpus Uteri	See page 47 for gender specific rates			
Cervix Uteri	See page 47 for gender specific rates			
Testis	See page 46 for gender specific rates			

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding
- Tobacco-related cancers, excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- ~ Rates and counts are suppressed for privacy due to fewer than 10 cases.

Data Sources:

- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

Age-adjusted Cancer Mortality Rates among Males by Site, Maine 2012

	Male			
	Maine		*U.S.*	
	AA Rate (95% CI)	*Count*	*U.S. Whites*	*U.S. All Races*
All Malignant Cancers	214.0 (203.7 - 224.7)	1,702	199.9 (199.1 - 200.6)	200.6 (199.9 - 201.3)
Lung and Bronchus	64.2 (58.6 - 70.1)	519	56.1 (55.7 - 56.5)	56.2 (55.8 - 56.6)
Tobacco-related, excl. lung	72.5 (66.6 - 78.9)	584	71.2 (70.8 - 71.7)	72.1 (71.7 - 72.5)
Prostate	17.9 (14.9 - 21.3)	128	18.1 (17.9 - 18.4)	19.6 (19.3 - 19.8)
Colon and Rectum	16.3 (13.5 - 19.5)	127	17.1 (16.8 - 17.3)	17.6 (17.4 - 17.8)
Pancreas	12.2 (9.8 - 14.9)	98	12.7 (12.5 - 12.9)	12.7 (12.5 - 12.8)
Urinary Bladder	11.0 (8.8 - 13.7)	85	8.1 (7.9 - 8.2)	7.6 (7.5 - 7.8)
Leukemia	8.5 (6.5 - 10.9)	65	9.6 (9.4 - 9.7)	9.2 (9.1 - 9.4)
Non-Hodgkin Lymphoma	7.9 (6.0 - 10.2)	62	7.9 (7.8 - 8.1)	7.6 (7.5 - 7.8)
Esophagus	7.9 (6.1 - 10.1)	68	7.7 (7.5 - 7.8)	7.3 (7.2 - 7.4)
Liver & Intrahepatic Bile Duct	7.0 (5.3 - 9.1)	61	8.6 (8.5 - 8.8)	9.4 (9.2 - 9.5)
Kidney and Renal Pelvis	6.8 (5.1 - 9.0)	53	5.8 (5.7 - 5.9)	5.6 (5.5 - 5.8)
Brain and Other Nervous System	6.3 (4.6 - 8.4)	51	5.8 (5.7 - 6.0)	5.4 (5.3 - 5.5)
Oral Cavity and Pharynx	5.6 (4.1 - 7.6)	46	3.8 (3.7 - 3.9)	3.9 (3.8 - 4.0)
Melanoma of the Skin	4.1 (2.8 - 5.9)	33	4.5 (4.4 - 4.6)	4.0 (3.9 - 4.1)
Acute Myeloid Leukemia	3.8 (2.5 - 5.5)	28	3.8 (3.7 - 3.9)	3.6 (3.5 - 3.7)
Myeloma	3.3 (2.1 - 4.9)	26	4.0 (3.9 - 4.1)	4.2 (4.1 - 4.4)
Larynx	2.1 (1.2 - 3.4)	18	1.7 (1.7 - 1.8)	1.8 (1.8 - 1.9)
Stomach	1.8 (1.0 - 3.0)	17	3.8 (3.7 - 3.9)	4.3 (4.2 - 4.4)
Thyroid	~	~	0.5 (0.5 - 0.6)	0.5 (0.5 - 0.5)
Hodgkin Lymphoma	~	~	0.4 (0.4 - 0.5)	0.4 (0.4 - 0.5)
Testis	~	~	0.3 (0.3 - 0.3)	0.3 (0.2 - 0.3)
Breast	~	~	0.3 (0.2 - 0.3)	0.3 (0.2 - 0.3)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding
- Tobacco-related cancers, excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- ~ Rates and counts are suppressed for privacy due to fewer than 10 cases.

Data Sources:

- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

Age-adjusted Cancer Mortality Rates among Females by Site, Maine 2012

	Female			
	Maine		*U.S.*	
	AA Rate (95% CI)	*Count*	*U.S. Whites*	*U.S. All Races*
All Malignant Cancers	152.9 (145.1 - 161.1)	1,524	142.1 (141.5 - 142.7)	141.9 (141.3 - 142.4)
Lung and Bronchus	44.1 (40.0 - 48.6)	439	37.7 (37.4 - 38.0)	36.4 (36.2 - 36.7)
Tobacco-related, excl. lung	42.2 (38.2 - 46.6)	421	37.8 (37.5 - 38.1)	39.0 (38.7 - 39.2)
Breast	17.2 (14.6 - 20.2)	168	20.7 (20.5 - 20.9)	21.3 (21.1 - 21.5)
Colon and Rectum	12.1 (10.0 - 14.6)	123	12.0 (11.9 - 12.2)	12.4 (12.2 - 12.5)
Pancreas	12.2 (10.1 - 14.6)	126	9.4 (9.3 - 9.6)	9.6 (9.5 - 9.8)
Ovary	6.2 (4.7 - 8.1)	61	7.7 (7.6 - 7.8)	7.4 (7.3 - 7.5)
Leukemia	5.6 (4.2 - 7.4)	55	5.2 (5.1 - 5.3)	5.1 (5.0 - 5.2)
Non-Hodgkin Lymphoma	5.0 (3.7 - 6.6)	54	4.8 (4.7 - 4.9)	4.6 (4.5 - 4.7)
Liver & Intrahepatic Bile Duct	4.1 (2.9 - 5.8)	38	3.5 (3.5 - 3.6)	3.8 (3.7 - 3.9)
Corpus Uteri, Uterus NOS	4.0 (2.8 - 5.5)	41	4.1 (4.0 - 4.2)	4.5 (4.4 - 4.6)
Brain and Other Nervous System	3.3 (2.2 - 4.9)	31	3.9 (3.8 - 4.0)	3.5 (3.4 - 3.6)
Urinary Bladder	2.9 (1.9 - 4.3)	29	2.2 (2.1 - 2.2)	2.1 (2.1 - 2.2)
Acute Myeloid Leukemia	2.6 (1.6 - 4.0)	24	2.2 (2.1 - 2.3)	2.2 (2.1 - 2.2)
Kidney and Renal Pelvis	2.3 (1.4 - 3.5)	23	2.5 (2.4 - 2.5)	2.4 (2.3 - 2.5)
Stomach	2.3 (1.4 - 3.5)	24	2.0 (2.0 - 2.1)	2.4 (2.3 - 2.4)
Myeloma	2.3 (1.5 - 3.5)	24	2.5 (2.4 - 2.6)	2.8 (2.7 - 2.9)
Melanoma of the Skin	2.1 (1.3 - 3.3)	21	1.9 (1.9 - 2.0)	1.7 (1.6 - 1.7)
Cervix Uteri	2.1 (1.2 - 3.5)	17	2.1 (2.1 - 2.2)	2.3 (2.2 - 2.4)
Esophagus	1.9 (1.1 - 3.1)	19	1.5 (1.4 - 1.5)	1.5 (1.4 - 1.5)
Oral Cavity and Pharynx	1.1 (0.5 - 2.0)	11	1.3 (1.3 - 1.4)	1.3 (1.3 - 1.4)
Larynx	~	~	0.4 (0.3 - 0.4)	0.4 (0.4 - 0.4)
Thyroid	~	~	0.4 (0.4 - 0.5)	0.5 (0.4 - 0.5)

Notes:

- A shaded cell indicates that Maine rate is significantly higher than U.S. White rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding, NOS = Not otherwise specified
- Tobacco-related cancers, excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- ~ Rates and counts are suppressed for privacy due to fewer than 10 cases.

Data Sources:

- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

All Cancers: Mortality by County of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	190.8 (180.1 - 202.0)	242	233.1 (215.0 - 252.3)	128	160.8 (147.6 - 174.9)	114
Aroostook	191.5 (179.6 - 204.0)	202	234.4 (214.7 - 255.5)	110	160.3 (145.4 - 176.5)	92
Cumberland	174.4 (168.1 - 180.9)	597	215.6 (204.7 - 226.9)	305	147.3 (139.6 - 155.3)	293
Franklin	172.9 (154.8 - 192.7)	69	213.5 (183.3 - 247.5)	38	142.4 (120.3 - 167.7)	31
Hancock	166.4 (153.8 - 180.0)	133	200.8 (179.9 - 223.6)	71	143.2 (127.4 - 160.8)	63
Kennebec	193.9 (184.2 - 204.2)	304	231.4 (215.3 - 248.5)	159	168.1 (155.8 - 181.3)	145
Knox	170.5 (156.1 - 186.1)	108	218.9 (194.5 - 245.8)	61	133.4 (116.5 - 152.7)	48
Lincoln	171.3 (156.0 - 188.0)	98	206.2 (181.6 - 233.8)	53	148.5 (128.6 - 171.2)	45
Oxford	190.1 (176.7 - 204.4)	152	234.9 (212.6 - 259.1)	85	157.1 (140.5 - 175.3)	68
Penobscot	189.7 (180.8 - 198.9)	351	230.0 (215.2 - 245.7)	185	160.9 (149.9 - 172.5)	165
Piscataquis	197.0 (173.5 - 223.3)	54	236.2 (198.3 - 280.3)	30	161.2 (133.2 - 194.7)	24
Sagadahoc	170.2 (153.5 - 188.4)	79	185.2 (159.1 - 214.5)	38	160.5 (138.7 - 185.1)	41
Somerset	200.7 (185.8 - 216.5)	138	251.0 (225.9 - 278.3)	77	160.7 (142.9 - 180.4)	61
Waldo	186.8 (170.0 - 205.0)	95	218.1 (190.7 - 248.5)	49	163.7 (142.6 - 187.4)	46
Washington	219.0 (200.6 - 238.8)	109	278.0 (246.9 - 312.3)	61	173.2 (151.4 - 197.9)	48
York	176.9 (169.5 - 184.5)	447	215.6 (203.2 - 228.6)	236	149.5 (140.4 - 159.0)	212
Maine	183.3 (180.5 - 186.3)	3,180	223.8 (218.9 - 228.7)	1,686	154.6 (151.0 - 158.2)	1,494

All Cancers: Mortality by Public Health District of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/ Yr*	*AA Rate (95% CI)*	*Count/ Yr*
Aroostook	191.5 (179.6 - 204.0)	202	234.4 (214.7 - 255.5)	110	160.3 (145.4 - 176.5)	92
Central	195.9 (187.7 - 204.4)	442	237.4 (223.8 - 251.7)	237	165.8 (155.6 - 176.5)	205
Cumberland	174.4 (168.1 - 180.9)	597	215.6 (204.7 - 226.9)	305	147.3 (139.6 - 155.3)	293
Downeast	186.3 (175.8 - 197.4)	243	230.7 (212.9 - 249.6)	132	154.0 (141.1 - 167.9)	111
Midcoast	174.5 (166.6 - 182.8)	380	208.4 (195.4 - 222.0)	200	150.2 (140.2 - 160.8)	179
Penquis	190.6 (182.3 - 199.2)	404	230.4 (216.6 - 244.9)	215	161.2 (150.9 - 172.1)	189
Western	187.5 (179.9 - 195.4)	464	230.0 (217.1 - 243.4)	251	156.9 (147.4 - 166.9)	213
York	176.9 (169.5 - 184.5)	447	215.6 (203.2 - 228.6)	236	149.5 (140.4 - 159.0)	212
Maine	183.3 (180.5 - 186.3)	3,180	223.8 (218.9 - 228.7)	1,686	154.6 (151.0 - 158.2)	1,494

Notes:

- A shaded cell indicates that County/District rate is significantly higher than Maine rate.
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Lung Cancer: Mortality by County of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	59.2 (53.3 - 65.5)	76	71.4 (61.8 - 82.1)	42	48.6 (41.6 - 56.6)	35
Aroostook	61.7 (55.2 - 68.9)	67	82.1 (70.9 - 94.7)	40	46.1 (38.4 - 55.1)	27
Cumberland	49.9 (46.6 - 53.5)	168	64.1 (58.2 - 70.4)	91	40.0 (36.0 - 44.4)	77
Franklin	52.3 (42.6 - 63.7)	21	65.1 (49.3 - 84.8)	12	42.1 (30.6 - 57.0)	9
Hancock	47.4 (40.7 - 55.0)	37	54.2 (43.7 - 66.7)	19	42.9 (34.3 - 53.3)	18
Kennebec	55.7 (50.5 - 61.3)	87	65.0 (56.7 - 74.3)	45	48.6 (42.2 - 55.9)	42
Knox	47.2 (39.6 - 55.9)	29	63.9 (51.0 - 79.5)	18	34.4 (25.8 - 45.5)	11
Lincoln	45.3 (37.9 - 54.2)	27	55.2 (43.1 - 70.3)	15	38.6 (29.3 - 50.8)	12
Oxford	57.7 (50.5 - 65.9)	46	69.3 (57.6 - 82.8)	26	48.7 (39.6 - 59.5)	21
Penobscot	60.7 (55.8 - 66.0)	113	74.4 (66.2 - 83.4)	62	50.4 (44.3 - 57.1)	51
Piscataquis	56.4 (44.2 - 71.6)	15	74.0 (54.2 - 100.2)	10	39.9 (26.1 - 59.9)	6
Sagadahoc	48.5 (39.8 - 58.6)	23	49.3 (36.5 - 65.4)	10	48.9 (37.1 - 63.5)	12
Somerset	58.0 (50.1 - 66.8)	40	82.9 (68.9 - 99.0)	26	37.2 (28.9 - 47.5)	14
Waldo	56.6 (47.5 - 67.1)	28	61.6 (47.8 - 78.4)	14	52.5 (40.6 - 67.2)	14
Washington	65.2 (55.4 - 76.4)	33	80.3 (64.4 - 99.5)	19	52.5 (40.7 - 67.2)	14
York	48.4 (44.6 - 52.5)	123	58.2 (52.0 - 65.1)	66	41.0 (36.4 - 46.2)	57
Maine	53.8 (52.2 - 55.4)	936	66.5 (63.9 - 69.2)	515	44.1 (42.2 - 46.1)	421

Lung Cancer: Mortality by Public Health District of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	61.7 (55.2 - 68.9)	67	82.1 (70.9 - 94.7)	40	46.1 (38.4 - 55.1)	27
Central	56.3 (52.0 - 61.0)	127	70.4 (63.2 - 78.3)	72	45.2 (40.0 - 50.9)	56
Cumberland	49.9 (46.6 - 53.5)	168	64.1 (58.2 - 70.4)	91	40.0 (36.0 - 44.4)	77
Downeast	54.2 (48.5 - 60.4)	70	64.2 (55.2 - 74.5)	38	46.5 (39.5 - 54.7)	32
Midcoast	49.3 (45.1 - 53.8)	107	58.1 (51.4 - 65.5)	57	43.1 (37.8 - 49.1)	50
Penquis	60.0 (55.4 - 64.9)	129	74.1 (66.5 - 82.4)	72	48.9 (43.3 - 55.1)	57
Western	57.4 (53.2 - 61.8)	144	69.4 (62.6 - 76.8)	79	47.6 (42.4 - 53.2)	65
York	48.4 (44.6 - 52.5)	123	58.2 (52.0 - 65.1)	66	41.0 (36.4 - 46.2)	57
Maine	53.8 (52.2 - 55.4)	936	66.5 (63.9 - 69.2)	515	44.1 (42.2 - 46.1)	421

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Tobacco-related Cancers, Excl. Lung: Mortality by County of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Androscoggin	59.0 (53.1 - 65.4)	74	84.5 (73.7 - 96.5)	46	39.5 (33.1 - 46.8)	29
Aroostook	57.7 (51.2 - 64.8)	61	77.1 (66.0 - 89.7)	36	41.6 (34.2 - 50.3)	24
Cumberland	53.8 (50.3 - 57.4)	185	74.6 (68.3 - 81.4)	107	38.8 (34.9 - 43.0)	78
Franklin	53.6 (43.8 - 65.1)	22	71.5 (54.6 - 92.2)	13	39.1 (28.1 - 53.6)	9
Hancock	42.3 (36.1 - 49.4)	35	60.3 (49.2 - 73.4)	22	27.8 (21.3 - 36.0)	13
Kennebec	61.5 (56.1 - 67.4)	97	82.6 (73.2 - 92.9)	58	44.9 (38.6 - 52.1)	38
Knox	54.0 (46.0 - 63.3)	34	81.7 (67.0 - 99.0)	22	30.8 (23.1 - 41.0)	11
Lincoln	48.7 (40.8 - 58.0)	28	67.1 (53.4 - 83.8)	17	34.4 (25.6 - 46.2)	11
Oxford	60.2 (52.8 - 68.5)	49	85.8 (72.7 - 100.9)	31	39.1 (31.2 - 48.8)	17
Penobscot	53.4 (48.7 - 58.4)	98	71.0 (62.9 - 80.0)	57	39.7 (34.3 - 45.7)	41
Piscataquis	59.6 (47.2 - 74.8)	17	85.0 (63.6 - 112.7)	11	36.0 (23.6 - 54.5)	5
Sagadahoc	46.2 (37.8 - 56.2)	22	47.2 (34.7 - 62.9)	10	43.8 (33.1 - 57.4)	12
Somerset	65.1 (56.7 - 74.5)	44	86.4 (72.1 - 102.8)	27	45.8 (36.5 - 57.1)	17
Waldo	51.4 (42.9 - 61.2)	27	77.8 (62.1 - 96.7)	18	30.2 (21.9 - 41.1)	9
Washington	65.0 (55.2 - 76.3)	33	88.6 (71.6 - 108.8)	20	45.1 (34.2 - 59.0)	13
York	56.0 (51.9 - 60.4)	142	77.5 (70.2 - 85.4)	86	39.0 (34.5 - 44.0)	56
Maine	55.6 (54.0 - 57.2)	966	76.5 (73.7 - 79.4)	584	39.1 (37.3 - 40.9)	383

Tobacco-related Cancers, Excl. Lung: Mortality by Public Health District of Residence, Maine 2008-2012

	Total		*Male*		*Female*	
	AA Rate (95% CI)	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*	*AA Rate (95% CI)*	*Count/Yr*
Aroostook	57.7 (51.2 - 64.8)	61	77.1 (66.0 - 89.7)	36	41.6 (34.2 - 50.3)	24
Central	62.7 (58.1 - 67.6)	141	84.0 (76.1 - 92.6)	86	45.2 (39.9 - 51.0)	55
Cumberland	53.8 (50.3 - 57.4)	185	74.6 (68.3 - 81.4)	107	38.8 (34.9 - 43.0)	78
Downeast	50.8 (45.4 - 56.7)	67	71.1 (61.5 - 81.9)	42	34.0 (28.2 - 40.9)	25
Midcoast	50.2 (46.1 - 54.7)	110	69.5 (62.1 - 77.5)	68	34.2 (29.7 - 39.4)	43
Penquis	54.4 (50.0 - 59.1)	115	73.1 (65.4 - 81.5)	69	39.4 (34.4 - 45.0)	46
Western	58.5 (54.3 - 63.0)	145	82.7 (75.1 - 90.9)	90	39.4 (34.8 - 44.6)	55
York	56.0 (51.9 - 60.4)	142	77.5 (70.2 - 85.4)	86	39.0 (34.5 - 44.0)	56
Maine	55.6 (54.0 - 57.2)	966	76.5 (73.7 - 79.4)	584	39.1 (37.3 - 40.9)	383

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: Excl. = Excluding; AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Tobacco-related cancers, excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia.
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Prostate Cancer: Mortality by County of Residence, Maine 2008-2012

	Male	
	AA Rate (95% CI)	*Count/Yr*
Androscoggin	16.1 (11.4 - 21.9)	8
Aroostook	17.8 (12.5 - 24.8)	8
Cumberland	21.9 (18.4 - 25.9)	28
Franklin	14.6 (7.5 - 25.8)	3
Hancock	25.4 (18.1 - 35.0)	8
Kennebec	26.5 (21.1 - 33.0)	17
Knox	22.6 (15.3 - 32.6)	6
Lincoln	20.8 (13.4 - 31.4)	5
Oxford	16.8 (11.0 - 24.8)	5
Penobscot	*	*
Piscataquis	~	~
Sagadahoc	26.4 (16.6 - 39.8)	5
Somerset	22.8 (15.4 - 32.7)	6
Waldo	20.9 (12.9 - 32.3)	4
Washington	34.2 (23.8 - 48.1)	7
York	17.7 (14.1 - 21.9)	17
Maine	21.1 (19.5 - 22.7)	144

Prostate Cancer: Mortality by Public Health District of Residence, Maine 2008-2012

	Male	
	AA Rate (95% CI)	Count/Yr
Aroostook	17.8 (12.5 - 24.8)	8
Central	25.5 (21.0 - 30.7)	23
Cumberland	21.9 (18.4 - 25.9)	28
Downeast	28.9 (22.6 - 36.4)	15
Midcoast	22.8 (18.5 - 27.8)	20
Penquis	19.9 (15.8 - 24.7)	17
Western	16.0 (12.6 - 20.0)	16
York	17.7 (14.1 - 21.9)	17
Maine	21.1 (19.5 - 22.7)	144

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- ~ Rates and counts are suppressed for privacy due to fewer than 10 cases over five year period.
- * Rates and counts are suppressed due to complementary suppression privacy rules.
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Female Breast Cancer: Mortality by County of Residence, Maine 2008-2012

	Female	
	AA Rate (95% CI)	***Count/Yr***
Androscoggin	18.1 (13.7 - 23.4)	12
Aroostook	22.1 (16.6 - 29.2)	12
Cumberland	20.0 (17.2 - 23.1)	39
Franklin	18.6 (11.0 - 30.2)	4
Hancock	19.0 (13.4 - 26.4)	8
Kennebec	20.9 (16.6 - 26.0)	17
Knox	20.8 (14.4 - 29.9)	7
Lincoln	14.6 (8.8 - 23.6)	4
Oxford	19.8 (14.2 - 27.2)	9
Penobscot	18.4 (14.8 - 22.8)	18
Piscataquis	23.2 (13.4 - 39.3)	3
Sagadahoc	22.4 (14.4 - 33.7)	5
Somerset	16.7 (11.3 - 24.0)	6
Waldo	20.0 (13.1 - 29.7)	6
Washington	22.0 (14.8 - 32.3)	6
York	18.1 (15.0 - 21.6)	26
Maine	19.4 (18.1 - 20.7)	184

Female Breast Cancer: Mortality by Public Health District of Residence, Maine 2008-2012

	Female	
	AA Rate (95% CI)	***Count/Yr***
Aroostook	22.1 (16.6 - 29.2)	12
Central	19.5 (16.1 - 23.5)	24
Cumberland	20.0 (17.2 - 23.1)	39
Downeast	20.1 (15.6 - 25.7)	14
Midcoast	19.6 (16.0 - 23.9)	23
Penquis	19.1 (15.6 - 23.2)	22
Western	18.7 (15.4 - 22.4)	25
York	18.1 (15.0 - 21.6)	26
Maine	19.4 (18.1 - 20.7)	184

Notes:

- A shaded cell indicates that a County/District rate is significantly higher than Maine rate.
- Mortality case definitions are based on ICD-10 codes (See Appendix 3).
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count
- Subgroup counts might not sum to Maine total due to rounding.

Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Colorectal Cancer: Mortality by County of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	13.7 (10.9 - 17.0)	17	18.0 (13.2 - 24.1)	9	10.9 (7.6 - 15.2)	8
Aroostook	17.5 (14.0 - 21.7)	18	18.2 (13.0 - 25.0)	8	16.6 (12.1 - 22.6)	10
Cumberland	14.4 (12.6 - 16.3)	49	17.2 (14.2 - 20.6)	24	12.6 (10.4 - 15.1)	25
Franklin	19.4 (13.6 - 27.0)	8	25.2 (15.4 - 39.2)	4	14.9 (8.5 - 24.9)	3
Hancock	13.4 (10.1 - 17.8)	11	15.5 (10.1 - 23.0)	6	11.6 (7.6 - 17.5)	5
Kennebec	18.0 (15.1 - 21.3)	28	21.0 (16.3 - 26.7)	14	15.7 (12.1 - 20.1)	14
Knox	10.7 (7.4 - 15.2)	7	*	*	*	*
Lincoln	9.9 (6.6 - 14.8)	6	*	*	~	~
Oxford	14.8 (11.2 - 19.3)	12	16.9 (11.3 - 24.5)	6	12.4 (8.2 - 18.4)	6
Penobscot	15.6 (13.1 - 18.5)	28	19.5 (15.3 - 24.5)	15	13.0 (9.9 - 16.7)	13
Piscataquis	18.1 (11.6 - 27.7)	5	22.5 (12.3 - 39.6)	3	12.9 (6.1 - 26.3)	2
Sagadahoc	12.7 (8.6 - 18.4)	6	10.2 (4.9 - 19.0)	2	14.3 (8.7 - 23.0)	4
Somerset	15.6 (11.6 - 20.7)	10	16.4 (10.4 - 24.8)	5	14.8 (9.8 - 21.8)	6
Waldo	20.8 (15.5 - 27.4)	11	27.5 (18.3 - 39.8)	6	15.5 (9.7 - 24.0)	5
Washington	16.4 (11.7 - 22.6)	8	23.5 (15.0 - 35.5)	5	10.8 (6.1 - 18.9)	3
York	14.8 (12.8 - 17.2)	37	17.9 (14.4 - 22.0)	19	12.4 (10.0 - 15.4)	18
Maine	15.2 (14.4 - 16.0)	262	18.4 (17.0 - 19.8)	135	12.8 (11.8 - 13.9)	127

Colorectal Cancer: Mortality by Public Health District of Residence, Maine 2008-2012

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	17.5 (14.0 - 21.7)	18	18.2 (13.0 - 25.0)	8	16.6 (12.1 - 22.6)	10
Central	17.2 (14.8 - 19.9)	38	19.6 (15.8 - 24.1)	19	15.4 (12.4 - 18.9)	19
Cumberland	14.4 (12.6 - 16.3)	49	17.2 (14.2 - 20.6)	24	12.6 (10.4 - 15.1)	25
Downeast	14.6 (11.8 - 18.0)	19	18.7 (13.9 - 24.8)	11	11.2 (8.1 - 15.5)	9
Midcoast	13.2 (11.1 - 15.6)	30	16.6 (13.1 - 20.8)	16	10.6 (8.2 - 13.6)	14
Penquis	16.0 (13.6 - 18.7)	33	20.0 (16.1 - 24.7)	18	12.9 (10.1 - 16.4)	15
Western	14.9 (12.8 - 17.3)	36	18.8 (15.2 - 23.0)	20	11.9 (9.4 - 15.0)	17
York	14.8 (12.8 - 17.2)	37	17.9 (14.4 - 22.0)	19	12.4 (10.0 - 15.4)	18
Maine	15.2 (14.4 - 16.0)	262	18.4 (17.0 - 19.8)	135	12.8 (11.8 - 13.9)	127

Notes:

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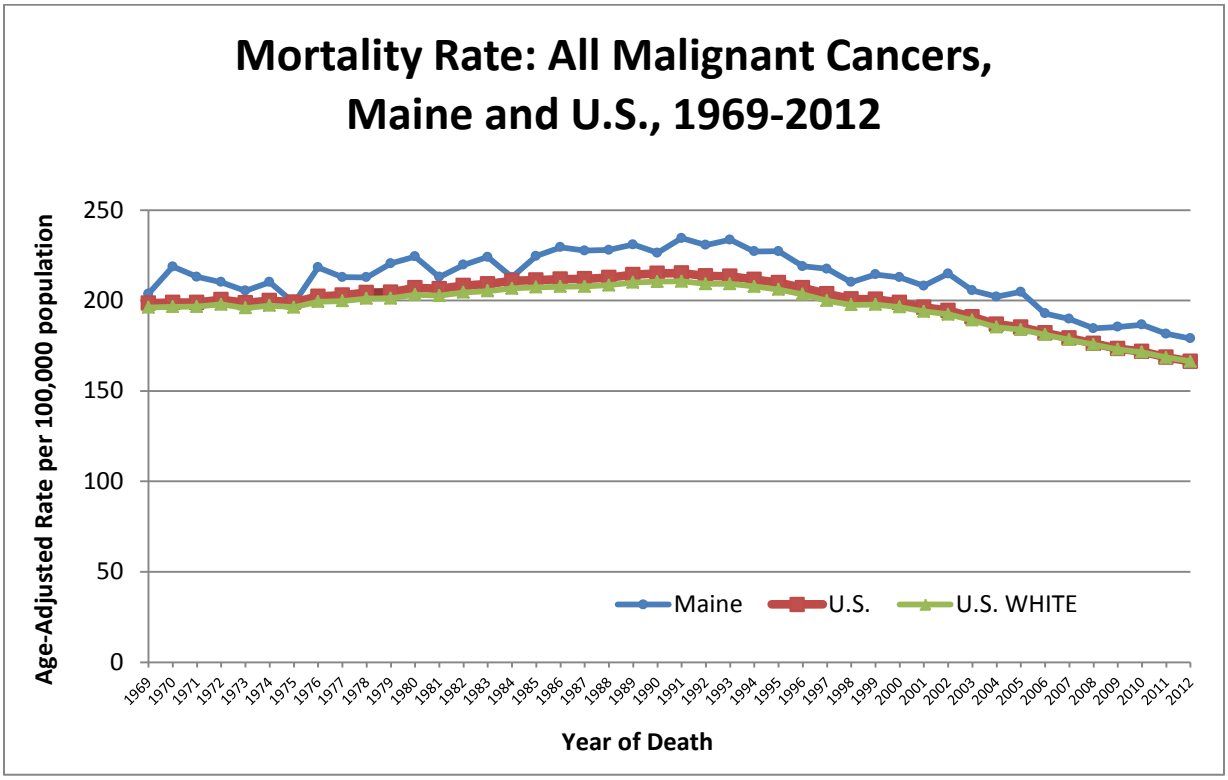
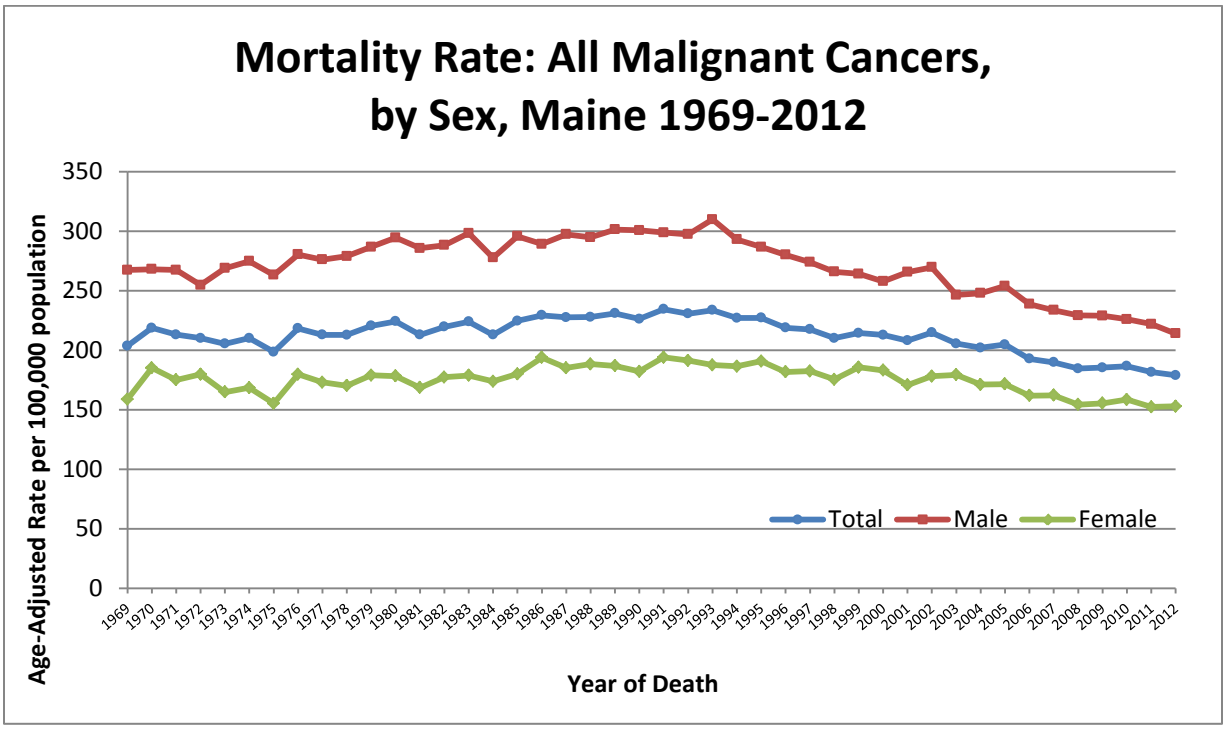
Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

Age-adjusted Cancer Mortality Trend: All Malignant Cancers, U.S. and Maine 1969-2012



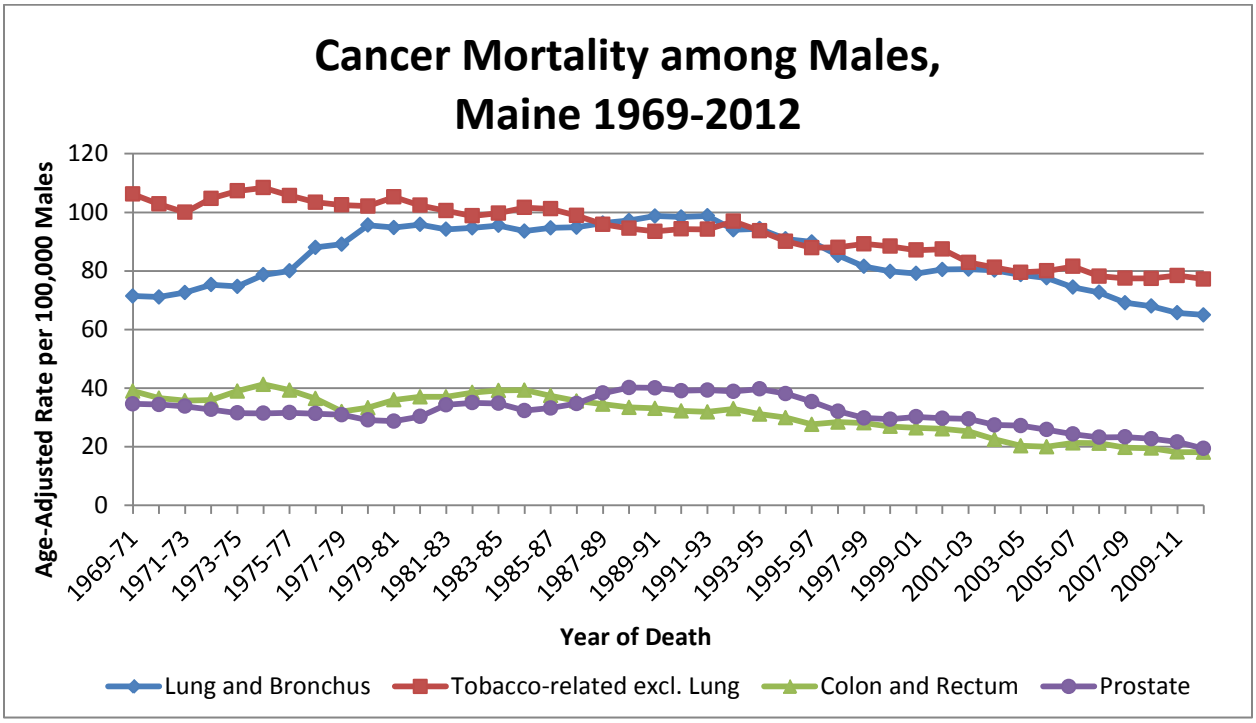
Age-adjusted Cancer Mortality Trend: All Malignant Cancers, Maine 1969-2012



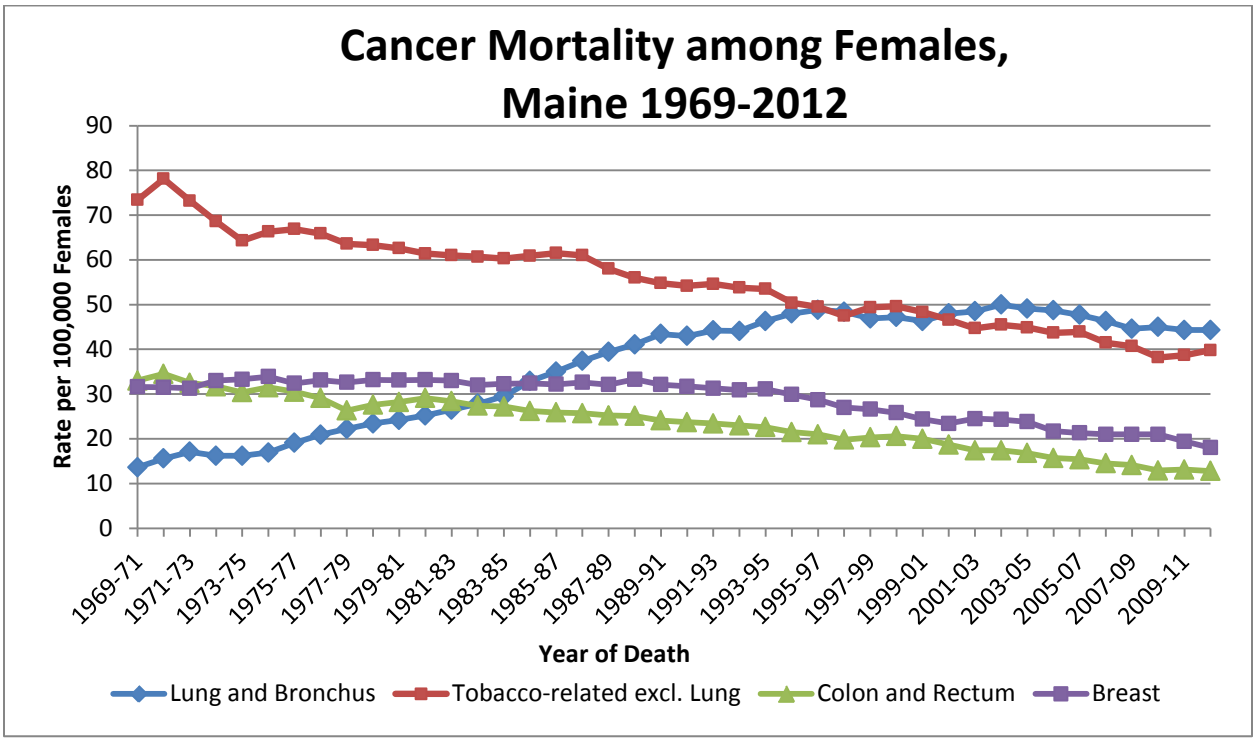
Data Source:

National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

Age-adjusted Cancer Mortality Trend: Leading Causes among Males, Maine 1969-2012



Age-adjusted Cancer Mortality Trend: Leading Causes among Females, Maine 1969-2012



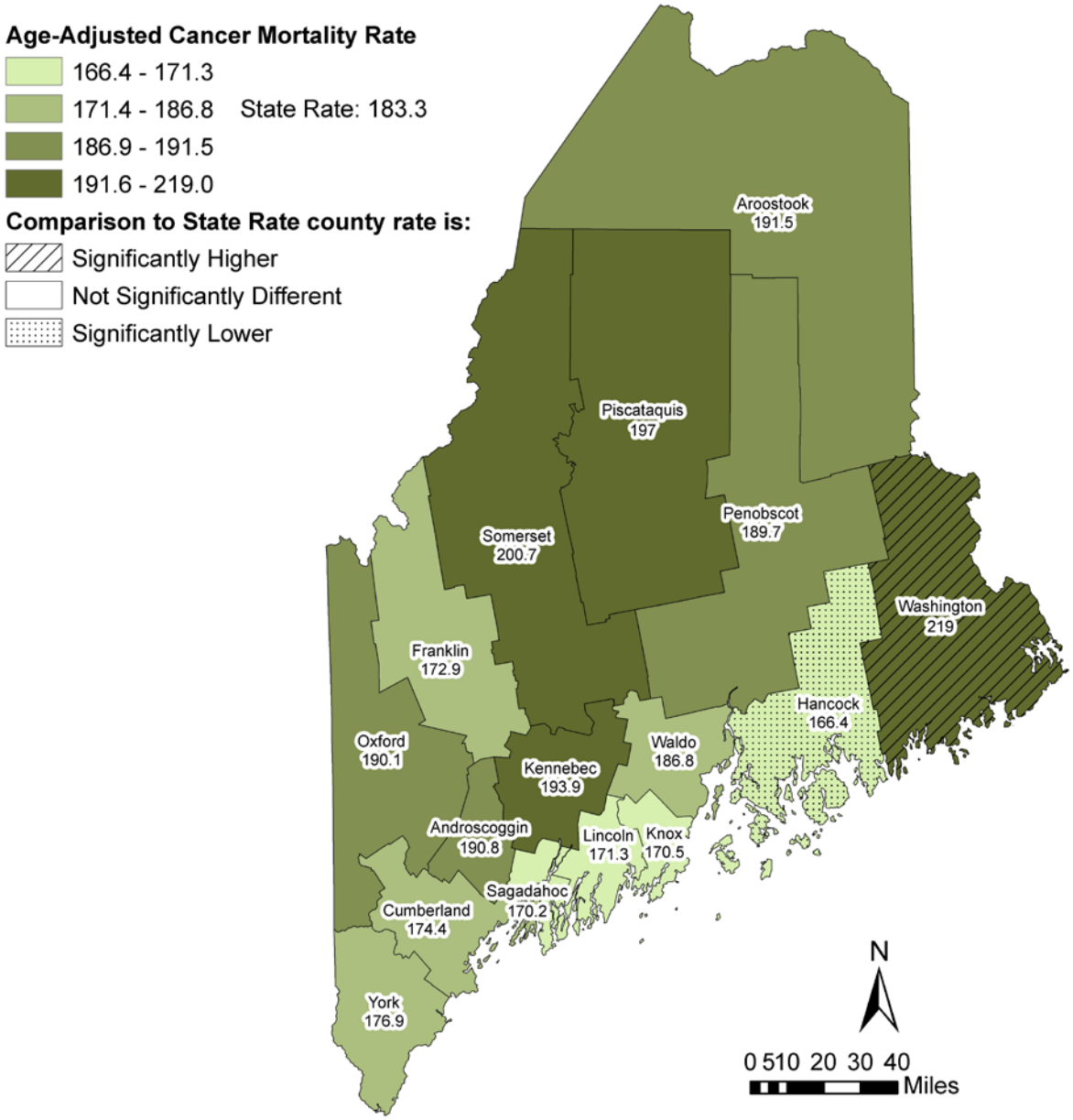
Notes:

Tobacco-related cancers, excl. lung defined as laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical, colon and rectum, liver and acute myeloid leukemia

Data Source: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2012)

CANCER MORTALITY MAPS

Malignant Cancer Mortality Rate For All Sites Combined by County, Maine, 2008-2012

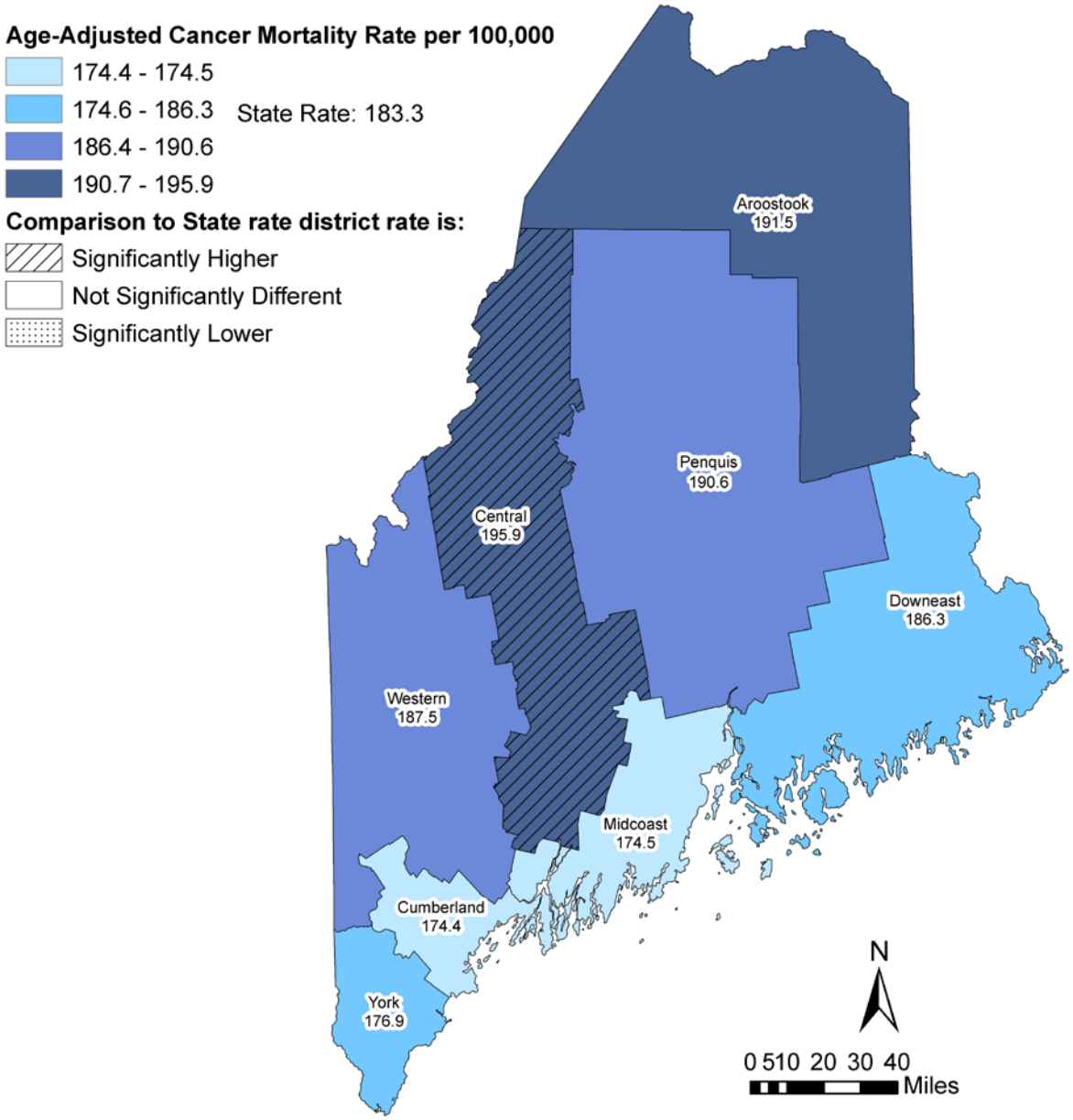


Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor Mary C. Mayhew, Commissioner

Data source: National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012)

Note: Age-adjusted mortality rates are cases per 100,000 population per year age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by University of Southern Maine Epidemiology.

Cancer Mortality Rate For All Cancer Sites Combined by Public Health District, Maine, 2008-2012



Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor
Mary C. Mayhew, Commissioner

Data source: National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2012

Note: Age-adjusted mortality rates are deaths per 100,000 population age-adjusted to the U.S. 2000 standard population and mapped using Quartile Method in ARC GIS. Map created February 2016 by University of Southern Maine Epidemiology.

APPENDIX 1

INCIDENCE CASE DEFINITIONS

Incidence data are based on SEER site recode ICD-O-3/WHO 2008 definitions, version 2008. Available at http://www.seer.cancer.gov/siterecode/icdo3_dwhoheme/index.html.

Site Recode ICD-O-3/WHO 2008 Definition*^

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
Oral Cavity and Pharynx			
Lip	C000-C009	excluding 9050-9055, 9140, 9590-9992	20010
Tongue	C019-C029		20020
Salivary Gland	C079-C089		20030
Floor of Mouth	C040-C049		20040
Gum and Other Mouth	C030-C039, C050-C059, C060-C069		20050
Nasopharynx	C110-C119		20060
Tonsil	C090-C099		20070
Oropharynx	C100-C109		20080
Hypopharynx	C129, C130-C139		20090
Other Oral Cavity and Pharynx	C140, C142-C148		20100
Digestive System			
Esophagus	C150-C159	excluding 9050-9055, 9140, 9590-9992	21010
Stomach	C160-C169		21020
Small Intestine	C170-C179		21030
Colon and Rectum			
Colon excluding Rectum			
Cecum	C180	excluding 9050-9055, 9140, 9590-9992	21041
Appendix	C181		21042
Ascending Colon	C182		21043
Hepatic Flexure	C183		21044
Transverse Colon	C184		21045
Splenic Flexure	C185		21046
Descending Colon	C186		21047
Sigmoid Colon	C187		21048
Large Intestine, NOS	C188-C189, C260		21049
Rectum and Rectosigmoid Junction			
Rectosigmoid Junction	C199	excluding 9050-9055, 9140, 9590-9992	21051
Rectum	C209		21052
Anus, Anal Canal and Anorectum	C210-C212, C218		21060
Liver and Intrahepatic Bile Duct			
Liver	C220	excluding 9050-9055, 9140, 9590-9992	21071
Intrahepatic Bile Duct	C221		21072
Gallbladder	C239		21080
Other Biliary	C240-C249		21090
Pancreas	C250-C259		21100
Retroperitoneum	C480		21110
Peritoneum, Omentum and Mesentery	C481-C482		21120
Other Digestive Organs	C268-C269, C488		21130
Respiratory System			
Nose, Nasal Cavity and Middle Ear	C300-C301, C310-C319	excluding 9050-9055, 9140, 9590-9992	22010
Larynx	C320-C329		22020

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
Lung and Bronchus	C340-C349		22030
Pleura	C384		22050
Trachea, Mediastinum and Other Respiratory Organs	C339, C381-C383, C388, C390, C398, C399		22060
Bones and Joints	C400-C419	excluding 9050-9055, 9140, 9590-9992	23000
Soft Tissue including Heart	C380, C470-C479, C490-C499	excluding 9050-9055, 9140, 9590-9992	24000
Skin excluding Basal and Squamous			
Melanoma of the Skin	C440-C449	8720-8790	25010
Other Non-Epithelial Skin	C440-C449	excluding 8000-8005, 8010-8046, 8050-8084, 8090-8110, 8720-8790, 9050-9055, 9140, 9590-9992	25020
Breast	C500-C509	excluding 9050-9055, 9140, 9590-9992	26000
Female Genital System			
Cervix Uteri	C530-C539	excluding 9050-9055, 9140, 9590-9992	27010
Corpus and Uterus, NOS			
Corpus Uteri	C540-C549	excluding 9050-9055, 9140, 9590-9992	27020
Uterus, NOS	C559		27030
Ovary	C569		27040
Vagina	C529		27050
Vulva	C510-C519		27060
Other Female Genital Organs	C570-C589		27070
Male Genital System			
Prostate	C619	excluding 9050-9055, 9140, 9590-9992	28010
Testis	C620-C629		28020
Penis	C600-C609		28030
Other Male Genital Organs	C630-C639		28040
Urinary System			
Urinary Bladder	C670-C679	excluding 9050-9055, 9140, 9590-9992	29010
Kidney and Renal Pelvis	C649, C659		29020
Ureter	C669		29030
Other Urinary Organs	C680-C689		29040
Eye and Orbit	C690-C699	excluding 9050-9055, 9140, 9590-9992	30000
Brain and Other Nervous System			
Brain	C710-C719	excluding 9050-9055, 9140, 9530-9539, 9590-9992	31010
Cranial Nerves Other Nervous System	C710-C719	9530-9539	31040
	C700-C709, C720-C729	excluding 9050-9055, 9140, 9590-9992	
Endocrine System			
Thyroid	C739	excluding 9050-9055, 9140, 9590-9992	32010
Other Endocrine including Thymus	C379, C740-C749, C750-C759		32020
Lymphoma			
Hodgkin Lymphoma			
Hodgkin - Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779	9650-9667	33011
Hodgkin - Extranodal	All other sites		33012
Non-Hodgkin Lymphoma			
NHL - Nodal	C024, C098,C099, C111,C142, C379,C422, C770-C779	9590-9597, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687-9691, 9695, 9698-9702, 9705, 9708-9709, 9712, 9714-9719, 9724-9729, 9735, 9737-9738, 9811-9818, 9823, 9827, 9837	33041
NHL - Extranodal	All sites except C024, C098-C099, C111, C142, C379, C422, C770-C779	9590-9597, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687-9691, 9695, 9698-9702, 9705, 9708-9709, 9712, 9714-9719, 9724-9729, 9735, 9737-9738	33042
	All sites except C024, C098-C099, C111, C142, C379, C420-C422, C424,	9811-9818, 9823, 9827, 9837	

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
	C770-C779		
Myeloma		9731-9732, 9734	34000
Leukemia			
Lymphocytic Leukemia			
Acute Lymphocytic Leukemia		9826, 9835-9836	35011
	C420, C421, C424	9811-9818, 9837	
Chronic Lymphocytic Leukemia	C420, C421, C424	9823	35012
Other Lymphocytic Leukemia		9820, 9832-9834, 9940	35013
Myeloid and Monocytic Leukemia			
Acute Myeloid Leukemia		9840, 9861, 9865-9867, 9869, 9871-9874, 9895-9897, 9898, 9910-9911, 9920	35021
Acute Monocytic Leukemia		9891	35031
Chronic Myeloid Leukemia		9863, 9875-9876, 9945-9946	35022
Other Myeloid/Monocytic Leukemia		9860, 9930	35023
Other Leukemia			
Other Acute Leukemia		9801, 9805-9809, 9931	35041
Aleukemic, subleukemic and NOS		9733, 9742, 9800, 9831, 9870, 9948, 9963-9964	35043
	C420, C421, C424	9827	
Mesothelioma		9050-9055	36010
Kaposi Sarcoma		9140	36020
Miscellaneous		9740-9741, 9750-9769, 9950, 9960-9962, 9965-9967, 9970-9971, 9975, 9980, 9982-9987, 9989, 9991-9992	37000
	C760-C768, C809	excluding 9050-9055, 9140, 9590-9992	
	C420-C424		
	C770-C779		
Invalid	Site or histology code not within valid range or site code not found in this table.		99999

* This table was updated for Hematopoietic codes based on *WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues (2008)*.
^ Subject to change based on evolving ICD-O-3 coding rules.

APPENDIX 2

INCIDENCE CASE DEFINITIONS

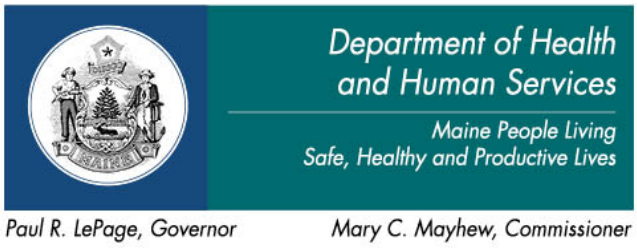
Definitions of Groups of Cancers (HPV, Obesity, Tobacco)

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)
HPV-associated cancers*		
Cervix	C530, C531, C538, C539	All carcinomas (8010-8671, 8940-8941)
Vagina	C529	Squamous cell carcinomas (8050-8084, 8120-8131)
Vulva	C510, C511, C512, C518, C519	Squamous cell carcinomas (8050-8084, 8120-8131)
Anus (including rectum)	C210, C211, C212, C218, C209	Squamous cell carcinomas (8050-8084, 8120-8131)
Penis	C600, C601, C602, C608, C609	Squamous cell carcinomas (8050-8084, 8120-8131)
Oral Cavity and Oropharynx (including base of tongue, tonsils, and other oropharynx)	C019, C024, C090, C091, C098, C099, C142, C028, C102, C108, C109, C140, C148	Squamous cell carcinomas (8050-8084, 8120-8131)
**HPV-associated sites as defined in: Watson M, Saraiya M, Ahmed F, et al. Using population-based cancer registry data to assess the burden of HPV-associated cancers in the United States: overview of methods. Cancer. 2008;113:2841–54. Accessed from http://onlinelibrary.wiley.com/doi/10.1002/cncr.23758/pdf.*		
Obesity-related cancers		
Colon and Rectum	C180, C181, C182, C183, C184, C185, C186, C187, C188-C189, C260, C199, C209	excluding 9050-9055, 9140, 9590-9992
Esophagus	C150-C159	Adenocarcinomas 8140-8149, 8160-8162, 8190-8221,8260- 8337, 8350-8551, 8570-8576, 8940-8941
Kidney and Renal Pelvis	C649, C659	excluding 9050-9055, 9140, 9590-9992
Pancreas,	C250-C259	excluding 9050-9055, 9140, 9590-9992
Corpus Uteri	C540-C549	excluding 9050-9055, 9140, 9590-9992
Breast (limited to post-menopausal and is defined as women age 50 years and older)	C500-C509	excluding 9050-9055, 9140, 9590-9992
Tobacco-related cancers		
Laryngeal	C320-C329	excluding 9050-9055, 9140, 9590-9992
Oral Cavity and Pharynx	C000-C009, C019-C029, C079-C089, C040-C049, C030-C039, C050-C059, C060-C069, C110-C119 , C090-C099, C100-C109, C129, C130-C139, C140, C142-C148	excluding 9050-9055, 9140, 9590-9992
Stomach	C160-C169	excluding 9050-9055, 9140, 9590-9992
Pancreas	C250-C259	excluding 9050-9055, 9140, 9590-9992
Kidney and Renal Pelvis	C649, C659	excluding 9050-9055, 9140, 9590-9992
Cervix Uteri	C530-C539	excluding 9050-9055, 9140, 9590-9992
Urinary Bladder	C670-C679	excluding 9050-9055, 9140, 9590-9992
Acute Myeloid Leukemia	Used recode 35021	9840, 9861, 9865-9867, 9869, 9871-9874, 9895-9897, 9898, 9910-9911, 9920
Colon excluding Rectum	C180, C181, C182, C183, C184, C185, C186, C187, C188-C189, C206	C180 excluding 9050-9055, 9140, 9590-9992
Rectum and Rectosigmoid Junction	C199, C209	C199 excluding 9050-9055, 9140, 9590-9992
Liver	C220	excluding 9050-9055, 9140, 9590-9992

Appendix 3

MORTALITY CASE DEFINITIONS

SEER major site groupings of cause of death based on the International Classification of Diseases. (http://seer.cancer.gov/codrecode/1969+_d04162012/index.html)

Site	ICD-10 Codes
All Sites	C00–C97
Brain and Other Nervous Systems	C70-C72
Breast	C50
Cervix Uteri	C53
Colon and Rectum	C18-C20, C26.0
Corpus Uterus	C54, C55
Esophagus	C15
Hodgkin Lymphoma	C81
Kidney and Renal Pelvis	C64-C65
Larynx	C32
Leukemia	C90.1, C91-C95
Liver & Intrahepatic Bile Duct	C22.0-C22.4, C22.7, C22.9
Lung and Bronchus	C34
Melanoma of the Skin	C43
Myeloma	C90.0, C90.2
Non-Hodgkin Lymphoma	C82-C85, C96.3
Oral Cavity and Pharynx	C00-C14
Ovary	C56
Pancreas	C25
Prostate	C61
Stomach	C16
Testis	C62
Thyroid	C73
Urinary Bladder	C67

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