

Maine Annual Cancer Report

2007 Cancer Incidence

2006 Cancer Mortality

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John E. Baldacci, Governor

Brenda M. Harvey, Commissioner

Maine Cancer Registry
Maine Center for Disease Control and Prevention
Division of Chronic Disease
286 Water Street, 4th Floor
11 State House Station
Augusta, ME 04333
Tel: (207) 287-5187
Fax: (207) 287-4631
TTY: (207) 287-8015

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Introduction

The Maine Cancer Registry collects information on all cancer cases diagnosed in Maine according to State Law Title 22, Chapter 255. The 2010 annual report is based on 2007 cancer incidence and 2006 cancer mortality data, and 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. National estimates for *whites* and *all races* are added for comparison. Data are also presented at the county and public health district levels for all cancer types combined, the top four cancers in Maine (namely: female breast, prostate, lung, and colorectal cancers), and tobacco-related cancers combined (excluding lung cancer).

The information contained in this report may be used in conjunction with other data sources to determine disease burden, and to guide programs and policies targeted at mitigating the impact of cancer.

Summary of New Features: The following is a summary of new features added to this report in recent years:

- Age-specific incidence data are presented for the top four cancer sites in Maine.
- Data are presented for malignant and non-malignant incident cases of cancers of the brain and other nervous system.
- Data are presented for tobacco-related cancers excluding lung cancer.
- For national comparisons, rates for *all races* are provided in addition to rates for *whites*.

Technical Notes

Tobacco-related Cancers: Tobacco-related cancers excluding lung cancer are included in this report for the second time due to their increasing clinical and epidemiologic significance. According to a 2008 MMWR surveillance summary (*Surveillance for Cancers Associated with Tobacco Use — United States, 1999–2004*), tobacco-related cancers are those that are defined by the U.S. Surgeon General as having direct causal relationships to tobacco use. The list of tobacco-related cancers was expanded in 2004 to include the following: lung, laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia. Other cancer types such as liver and breast cancers were not included in the list above due to insufficient evidence to support a causal relationship with tobacco use.

Data Sources: Maine incidence data are obtained from the Maine Cancer Registry. Estimates of national incidence data are derived from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute. The SEER dataset used in this report (SEER 9) represents about 9.5% of the U.S. population. Mortality data for both Maine and the U.S. is provided by the National Center for Health Statistics.

Data Analysis: Counts and rates presented in this report were produced using the following software: Surveillance Research Program, National Cancer Institute SEER*Stat software (seer.cancer.gov/seerstat) 6.6.2.

National Comparisons: SEER incidence rates and national mortality rates for both *whites* and *all races* have been provided to allow for additional options for comparison by the reader/user. However due to the predominately white population in Maine, all statistical comparisons in this report involving national estimates are based on *whites*.

SEER Rates: SEER *whites* and SEER *all races* refer to estimates of national cancer incidence data.

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

Confidence Intervals and Statistical Significance: Ninety-five percent confidence intervals are provided for all rates. If the 95% confidence intervals for two rates overlap, the incidence rates are considered similar. However if the confidence intervals do not overlap, the rates are said to be statistically significantly different. Maine rates that are higher than nationally comparable rates *or* county/district rates that are higher than Maine rates are highlighted in green.

Maine Public Health Districts: In 2007, Governor Baldacci announced a new public health infrastructure for Maine. Within this plan, the Maine Center for Disease Control and Prevention created eight public health districts with the intent of regionalizing public health services. Each district is made up of one or more counties. For this reason, cancer rates have been calculated for districts in addition to counties. The table below shows the constituent counties of each district:

<i>Public Health District</i>	<i>Constituent Counties</i>
1. Aroostook District	Aroostook County
2. Central District	Kennebec County, Somerset County
3. Cumberland District	Cumberland County
4. Downeast District	Hancock County, Washington County
5. Midcoast District	Lincoln County, Knox County, Sagadahoc County, Waldo County
6. Penquis District	Penobscot County, Piscataquis County
7. Western District	Androscoggin County, Franklin County, Oxford County
8. York District	York County

Rates by County/District: More so than at the state level the number of new cancer cases reported in a county or district varies from year to year. Subsequently, cancer rates at the county or district level are more likely to vary on an annual basis than at the state level. Counties/districts with smaller populations tend to have greater variation from one time period to the next. In general, when there are less than 30 cases a year, 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 makes the rates more stable, caution must still be used when interpreting county rates.

Case Definitions

Incidence Case Definitions: Incidence data are based on SEER Site Recode ICD-O-3 Definitions, version 1/27/2003: Available at <http://seer.cancer.gov/siterecode>. Histologies consistent with Kaposi Sarcoma and Mesothelioma are excluded, where applicable.

Mortality Case Definitions: Death data are based on ICD-10 codes for underlying cause of death as defined below:

<i>Site</i>	<i>ICD-10 Codes</i>
All Sites	C00–C97
Brain and Other Nervous System	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

Incidence: State and National Comparisons

Age-adjusted Cancer Incidence Rates by *Site*
Maine, 2007

	Total			
	<i>AA Rate [95% CI]</i>	<i>Count</i>	<i>SEER Whites</i>	<i>SEER All Races</i>
All sites	515 [503.8, 526.4]	8238	468.6 [465.8, 471.5]	461.3 [458.8, 463.8]
Tobacco-related, Excl. Lung	92.3 [87.6, 97.1]	1484	80.5 [79.3, 81.7]	79.2 [78.2, 80.3]
Lung and Bronchus	77.8 [73.6, 82.3]	1257	60.5 [59.5, 61.5]	59.5 [58.6, 60.4]
Prostate	---			
Breast	69.7 [65.6, 74]	1113	67.8 [66.7, 68.9]	67.1 [66.2, 68.1]
Colon and Rectum	49 [45.6, 52.6]	794	43.8 [42.9, 44.7]	44.6 [43.9, 45.4]
Bladder, Urinary	29 [26.4, 31.8]	470	22.9 [22.2, 23.5]	20.8 [20.3, 21.4]
Brain & Other Nerv. System	6.4 [5.2, 7.8]	98	7 [6.7, 7.4]	6.4 [6.1, 6.7]
Cervix Uteri	---			
Corpus Uteri	---			
Esophagus	7 [5.7, 8.4]	112	4.7 [4.5, 5]	4.6 [4.3, 4.8]
Hodgkin Lymphoma	3.5 [2.5, 4.7]	46	3.3 [3.1, 3.6]	3.1 [2.9, 3.3]
Kidney and Renal Pelvis	16.2 [14.2, 18.3]	259	14.8 [14.3, 15.3]	14.7 [14.3, 15.2]
Larynx	4 [3.1, 5.2]	66	3.1 [2.9, 3.3]	3.1 [2.9, 3.3]
Leukemia	14.4 [12.6, 16.5]	225	12.7 [12.3, 13.2]	11.9 [11.5, 12.3]
Liver & Intrahep. Bile Duct	4.1 [3.1, 5.2]	67	5.5 [5.2, 5.8]	6.9 [6.6, 7.2]
Melanoma of the Skin	22.4 [20, 25]	337	25.3 [24.7, 26]	20.8 [20.3, 21.3]
Myeloma	5.1 [4.1, 6.4]	83	5.2 [4.9, 5.5]	5.5 [5.2, 5.8]
Non-Hodgkin Lymphoma	19.5 [17.3, 21.9]	306	21.3 [20.7, 22]	20.2 [19.7, 20.8]
Oral Cavity and Pharynx	11.9 [10.2, 13.7]	192	10.6 [10.2, 11]	10.4 [10, 10.8]
Ovary	---			
Pancreas	11 [9.5, 12.8]	180	11.8 [11.3, 12.2]	11.9 [11.5, 12.3]
Stomach	6.2 [5.1, 7.6]	102	5.9 [5.6, 6.3]	7 [6.7, 7.3]
Testis	---			
Thyroid	10.2 [8.5, 12]	144	12.7 [12.2, 13.2]	12 [11.6, 12.4]

Notes:

Maine rate is significantly higher than SEER White rate
 Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
 Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)
 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 US population standard
 Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results;
 Excl. = Excluding

Data Sources:

Maine Incidence: Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data
 National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-Use, Nov 2009 Sub (1973-2007)

Age-adjusted Cancer Incidence Rates by **Site**
Maine, 2007

	Male			
	AA Rate [95% CI]	Count	SEER Whites	SEER All Races
All sites	598.4 [580.4, 616.9]	4322	540 [535.5, 544.6]	537.2 [533.1, 541.3]
Tobacco-related, Excl. Lung	133.7 [125.3, 142.7]	959	116.5 [114.4, 118.6]	113.5 [111.6, 115.4]
Lung and Bronchus	94.7 [87.6, 102.2]	679	69.3 [67.7, 71]	70.2 [68.7, 71.7]
Prostate	165.5 [156.3, 175.2]	1248	159.5 [157, 161.9]	166.1 [163.8, 168.3]
Breast	2 [1.1, 3.5]	13	1.2 [1, 1.4]	1.1 [0.9, 1.3]
Colon and Rectum	53.6 [48.3, 59.4]	380	50 [48.6, 51.4]	50.9 [49.7, 52.2]
Bladder, Urinary	48.5 [43.4, 54.1]	337	40.6 [39.3, 41.9]	37.1 [36, 38.2]
Brain & Other Nerv. System	7.6 [5.7, 9.9]	55	8.3 [7.8, 8.9]	7.5 [7, 7.9]
Cervix Uteri			---	
Corpus Uteri			---	
Esophagus	12.4 [9.9, 15.3]	90	8.2 [7.7, 8.8]	7.9 [7.4, 8.4]
Hodgkin Lymphoma	3.4 [2.1, 5.2]	22	3.8 [3.4, 4.2]	3.5 [3.2, 3.9]
Kidney and Renal Pelvis	20.2 [17, 23.9]	145	19.9 [19.1, 20.8]	19.9 [19.2, 20.7]
Larynx	7.2 [5.4, 9.5]	54	5.4 [5, 5.9]	5.5 [5.1, 5.9]
Leukemia	20.7 [17.5, 24.4]	149	16.6 [15.8, 17.5]	15.6 [14.9, 16.3]
Liver & Intrahep. Bile Duct	6.2 [4.5, 8.4]	46	8.6 [8.1, 9.2]	10.7 [10.2, 11.3]
Melanoma of the Skin	24.6 [21, 28.6]	176	31.1 [30, 32.2]	26 [25.2, 26.9]
Myeloma	7.4 [5.5, 9.7]	54	7 [6.5, 7.5]	7.2 [6.7, 7.7]
Non-Hodgkin Lymphoma	23.3 [19.8, 27.2]	164	26 [25, 27]	24.7 [23.8, 25.5]
Oral Cavity and Pharynx	17.4 [14.5, 20.7]	132	15.6 [14.9, 16.4]	15.3 [14.7, 16]
Ovary			0 [0, 0.6]	
Pancreas	13.1 [10.5, 16.1]	94	13.6 [12.9, 14.4]	13.6 [13, 14.3]
Stomach	9.4 [7.3, 12]	69	8.8 [8.2, 9.4]	10 [9.5, 10.6]
Testis	6 [4.2, 8.3]	36	7 [6.5, 7.5]	5.9 [5.5, 6.3]
Thyroid	5.2 [3.6, 7.3]	36	6.1 [5.6, 6.6]	5.8 [5.4, 6.2]

Notes:

Maine rate is significantly higher than SEER White rate
 Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
 Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)
 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 US population standard
 Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results;
 Excl. = Excluding

Data Sources:

Maine Incidence: Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data
 National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-Use, Nov 2009 Sub (1973-2007)

Age-adjusted Cancer Incidence Rates by **Site**
Maine, 2007

Female				
	AA Rate [95% CI]	Count	SEER Whites	SEER All Races
All sites	454.8 [440.4, 469.6]	3916	418.3 [414.6, 422]	407.2 [404, 410.4]
Tobacco-related, Excl. Lung	60.3 [55.2, 65.9]	525	52.3 [51, 53.6]	52.7 [51.6, 53.9]
Lung and Bronchus	65.1 [59.8, 70.7]	578	54.2 [52.9, 55.5]	51.7 [50.6, 52.9]
Prostate			---	
Breast	128.7 [121, 136.7]	1100	127.4 [125.4, 129.4]	124.7 [122.9, 126.5]
Colon and Rectum	45.2 [40.9, 49.9]	414	38.7 [37.6, 39.8]	39.5 [38.5, 40.5]
Bladder, Urinary	14.4 [12, 17.1]	133	9.4 [8.9, 10]	8.7 [8.3, 9.2]
Brain & Other Nerv. System	5.2 [3.7, 7.1]	43	5.8 [5.4, 6.3]	5.4 [5, 5.8]
Cervix Uteri	7.5 [5.6, 9.8]	55	6.2 [5.7, 6.7]	6.4 [6, 6.9]
Corpus Uteri	29.6 [26.1, 33.6]	260	25.3 [24.4, 26.2]	24.7 [23.9, 25.5]
Esophagus	2.6 [1.6, 4]	22	1.9 [1.7, 2.2]	1.9 [1.7, 2.1]
Hodgkin Lymphoma	3.5 [2.2, 5.3]	24	2.9 [2.6, 3.2]	2.7 [2.4, 2.9]
Kidney and Renal Pelvis	12.9 [10.6, 15.6]	114	10.5 [9.9, 11.1]	10.3 [9.8, 10.8]
Larynx	1.3 [0.7, 2.4]	12	1.2 [1, 1.4]	1.2 [1, 1.4]
Leukemia	9.4 [7.3, 11.9]	76	9.8 [9.2, 10.3]	9.2 [8.7, 9.7]
Liver & Intrahep. Bile Duct	2.3 [1.4, 3.6]	21	2.8 [2.5, 3.1]	3.6 [3.3, 3.9]
Melanoma of the Skin	21 [17.8, 24.7]	161	21.5 [20.6, 22.4]	17.3 [16.6, 18]
Myeloma	3.2 [2.2, 4.7]	29	3.7 [3.4, 4.1]	4.2 [3.8, 4.5]
Non-Hodgkin Lymphoma	16.8 [14.1, 19.9]	142	17.6 [16.8, 18.3]	16.7 [16.1, 17.4]
Oral Cavity and Pharynx	7.2 [5.5, 9.4]	60	6.1 [5.7, 6.6]	6.1 [5.7, 6.5]
Ovary	11.8 [9.6, 14.5]	98	13 [12.3, 13.6]	12.5 [12, 13.1]
Pancreas	9.5 [7.6, 11.8]	86	10.3 [9.7, 10.8]	10.5 [10, 11]
Stomach	3.8 [2.6, 5.5]	33	3.7 [3.3, 4]	4.6 [4.3, 5]
Testis			---	
Thyroid	14.8 [12.1, 18]	108	19.4 [18.6, 20.3]	18.1 [17.4, 18.8]

Notes:

Maine rate is significantly higher than SEER White rate
 Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
 Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)
 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 US population standard
 Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results;
 Excl. = Excluding

Data Sources:

Maine Incidence: Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data
 National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-Use, Nov 2009 Sub (1973-2007)

Incidence: By Age

All Cancers: Incidence by Age, Maine, 2005-2007

	Total		Male		Female	
	<i>Rate [95% CI]</i>	<i>Count/Yr</i>	<i>Rate [95% CI]</i>	<i>Count/Yr</i>	<i>Rate [95% CI]</i>	<i>Count/Yr</i>
00-14 yrs	15.5 [12.7, 18.8]	35	15.8 [11.9, 20.5]	18	15.3 [11.4, 20.2]	17
15-19 yrs	27.5 [21.6, 34.5]	25	26.1 [18.3, 36.1]	12	29 [20.5, 39.8]	13
20-24 yrs	41 [33.3, 50.1]	32	43.9 [32.9, 57.4]	18	38.1 [27.7, 51.2]	15
25-29 yrs	58.3 [48.7, 69.3]	43	50.2 [37.8, 65.4]	18	66.3 [52.1, 83.2]	25
30-34 yrs	105.2 [92.3, 119.5]	79	77 [61.5, 95.2]	28	132.1 [112, 154.8]	51
35-39 yrs	148.8 [134.6, 164.2]	133	104.9 [88.2, 124]	46	191.1 [168.6, 215.8]	87
40-44 yrs	224 [207.7, 241.3]	233	152.9 [133.9, 173.8]	78	292.1 [266.2, 319.9]	155
45-49 yrs	390.7 [369.8, 412.5]	435	308.6 [282.3, 336.8]	168	469.1 [437.2, 502.7]	267
50-54 yrs	614.8 [587.7, 642.8]	645	609.2 [570.9, 649.4]	313	620.2 [582.2, 659.9]	332
55-59 yrs	920.7 [885.7, 956.7]	871	1017.9 [965.9, 1071.9]	479	824.4 [778, 872.9]	392
60-64 yrs	1409.9 [1360.1, 1461.1]	1,008	1609.2 [1533.5, 1687.7]	565	1217.4 [1152.8, 1284.7]	443
65-69 yrs	2071.5 [2001.5, 2143.4]	1,101	2546.2 [2433.9, 2662.3]	644	1640.6 [1554.9, 1729.8]	457
70-74 yrs	2382.5 [2300.8, 2466.4]	1,071	3002.5 [2867.8, 3141.9]	622	1852.3 [1754.7, 1954]	449
75-79 yrs	2756.8 [2662.1, 2854.1]	1,066	3547.7 [3383.6, 3717.8]	584	2170 [2059.5, 2284.8]	482
80-84 yrs	2910.9 [2798.5, 3026.6]	843	3758.4 [3554.9, 3970.5]	425	2367.6 [2238.3, 2502.4]	418
85+ yrs	2533.4 [2425, 2645.5]	684	3593.4 [3361.5, 3837.2]	297	2064.7 [1947.5, 2187.1]	386

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: Rate = Age-specific rate; CI = Confidence Interval; Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Tobacco-related Cancers, Excl. Lung: Incidence by Age, Maine, 2005-2007

	Total		Male		Female	
	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr
25-34 yrs	9.6 [7, 12.9]	14	6.8 [3.8, 11.3]	5	12.3 [8.2, 17.8]	9
35-39 yrs	23.9 [18.4, 30.5]	21	22.1 [14.8, 31.7]	10	25.6 [17.9, 35.6]	12
40-44 yrs	35.3 [29, 42.6]	37	40.7 [31.2, 52.2]	21	30.2 [22.2, 40]	16
45-49 yrs	64.6 [56.3, 73.8]	72	82.1 [68.8, 97.2]	45	48 [38.1, 59.5]	27
50-54 yrs	97.2 [86.6, 108.7]	102	136.7 [118.9, 156.5]	70	59.2 [47.9, 72.3]	32
55-59 yrs	168.4 [153.6, 184.1]	159	236.4 [211.7, 263.2]	111	100.9 [85.1, 118.8]	48
60-64 yrs	250 [229.3, 272.1]	179	330.4 [296.6, 367]	116	172.3 [148.6, 198.8]	63
65-69 yrs	358.7 [329.9, 389.4]	191	520.6 [470.5, 574.5]	132	211.8 [181.7, 245.4]	59
70-74 yrs	448.8 [413.7, 486]	202	648.4 [586.7, 714.9]	134	278 [241, 319.1]	67
75-79 yrs	496.5 [456.8, 538.8]	192	758.9 [684, 839.8]	125	301.8 [261.6, 346.6]	67
80-84 yrs	567.7 [518.7, 620.1]	164	866.6 [770.4, 971.6]	98	376 [325.6, 432]	66
85+ yrs	522.5 [473.9, 574.7]	141	938.6 [822, 1067.2]	78	338.5 [292.1, 390.2]	63

Lung Cancer: Incidence by Age, Maine, 2005-2007

	Total		Male		Female	
	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr
40-44 yrs	12.8 [9.2, 17.5]	13	11.8 [7, 18.7]	6	13.8 [8.7, 20.9]	7
45-49 yrs	41.3 [34.7, 48.8]	46	38.6 [29.6, 49.4]	21	43.9 [34.5, 55]	25
50-54 yrs	69.2 [60.3, 79.1]	73	76.5 [63.3, 91.6]	39	62.3 [50.7, 75.7]	33
55-59 yrs	121.9 [109.4, 135.4]	115	145.1 [125.9, 166.4]	68	98.8 [83.2, 116.6]	47
60-64 yrs	205.7 [186.9, 225.8]	147	231.7 [203.5, 262.6]	81	180.6 [156.3, 207.7]	66
65-69 yrs	342.4 [314.3, 372.4]	182	398 [354.4, 445.5]	101	292 [256.5, 331]	81
70-74 yrs	442.1 [407.3, 479]	199	521.3 [466.1, 581.3]	108	374.3 [331.1, 421.5]	91
75-79 yrs	592.2 [548.8, 638.2]	229	752.9 [678.3, 833.4]	124	473 [422.2, 528.3]	105
80-84 yrs	532 [484.6, 582.8]	154	736.9 [648.4, 834.2]	83	400.6 [348.5, 458.3]	71
85+ yrs	345.9 [306.5, 388.8]	93	543.9 [456, 643.7]	45	258.3 [218, 303.9]	48

Notes:

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: Rate = Age-specific rate; CI = Confidence Interval; Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

**Prostate Cancer: Incidence by Age,
Maine, 2005-2007**

	Male	
	Rate [95% CI]	Count/Yr
40-49 yrs	26.3 [20.9, 32.6]	28
50-54 yrs	174.3 [154.1, 196.5]	90
55-59 yrs	331.3 [301.9, 362.7]	156
60-64 yrs	590.5 [545, 638.8]	207
65-69 yrs	914.6 [847.8, 985.3]	231
70-74 yrs	997.6 [920.6, 1079.3]	207
75-79 yrs	900.6 [818.8, 988.3]	148
80-84 yrs	745.8 [656.7, 843.6]	84
85+ yrs	672.8 [574.6, 782.9]	56

**Female Breast Cancer: Incidence by Age,
Maine, 2005-2007**

	Female	
	Rate [95% CI]	Count/Yr
25-29 yrs	8.1 [3.7, 15.3]	5
30-34 yrs	28.5 [19.6, 40]	13
35-39 yrs	63 [50.4, 77.8]	26
40-44 yrs	111.2 [95.4, 128.8]	43
45-49 yrs	205.9 [184.9, 228.5]	76
50-54 yrs	219.2 [196.9, 243.3]	81
55-59 yrs	267.8 [241.6, 296]	99
60-64 yrs	366.7 [331.6, 404.5]	135
65-69 yrs	484.6 [438.6, 534.2]	178
70-74 yrs	459.6 [411.7, 511.7]	171
75-79 yrs	429.5 [381.2, 482.3]	161
80-84 yrs	461 [405, 522.7]	174
85+ yrs	391.9 [341.8, 447.3]	149

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard.

Abbreviations: Rate = Age-specific rate; CI = Confidence Interval; Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Colorectal Cancer: Incidence by Age, Maine, 2005-2007

	Total		Male		Female	
	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr	Rate [95% CI]	Count/Yr
35-44 yrs	12.9 [10.2, 16.2]	25	13.4 [9.5, 18.4]	13	12.5 [8.8, 17.2]	12
45-49 yrs	27.2 [21.9, 33.4]	30	31.8 [23.8, 41.8]	17	22.8 [16.2, 31.2]	13
50-54 yrs	58.4 [50.3, 67.5]	61	65.5 [53.3, 79.5]	34	51.7 [41.2, 64.1]	28
55-59 yrs	70.8 [61.3, 81.3]	67	80.7 [66.6, 96.9]	38	61 [48.9, 75.2]	29
60-64 yrs	110.1 [96.5, 125]	79	132 [110.9, 155.8]	46	88.9 [72.1, 108.5]	32
65-69 yrs	187.5 [166.9, 210]	100	218.8 [186.8, 254.7]	55	159.1 [133.3, 188.6]	44
70-74 yrs	229.2 [204.4, 256.2]	103	260.7 [222.1, 304]	54	202.3 [170.9, 237.8]	49
75-79 yrs	312.9 [281.6, 346.8]	121	358.2 [307.4, 415]	59	279.3 [240.6, 322.5]	62
80-84 yrs	378.8 [339, 422.1]	110	403.8 [339.1, 477.4]	46	362.8 [313.3, 417.9]	64
85+ yrs	434.8 [390.6, 482.7]	117	483.4 [400.8, 578.1]	40	413.3 [361.8, 470]	77

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-specific rate; CI = Confidence Interval; Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Incidence: County and State Comparisons

All Cancers: Incidence by County of Residence, Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Androscoggin	515.8 [492.5, 539.9]	627	600 [562.3, 639.5]	323	459.9 [430, 491.4]	304
Aroostook	497.5 [471.6, 524.4]	481	589.7 [548.3, 633.7]	259	429.6 [396.5, 464.9]	222
Cumberland	513.4 [498.9, 528.3]	1,609	600.5 [576.5, 625.2]	821	455.3 [436.8, 474.4]	788
Franklin	520.4 [477, 566.8]	181	573.9 [506.7, 647.9]	92	478.6 [422.1, 540.9]	90
Hancock	578 [545.2, 612.4]	397	653.4 [602, 708.2]	206	518 [475.6, 563.4]	192
Kennebec	513.8 [492.4, 535.9]	738	585.7 [551.7, 621.4]	381	460.4 [432.8, 489.3]	357
Knox	513 [478.4, 549.7]	282	585.3 [530.9, 644.1]	145	467.8 [422, 517.8]	138
Lincoln	497.6 [461.8, 535.9]	248	529.4 [476, 587.7]	123	473.3 [424.8, 526.4]	125
Oxford	546.5 [515.2, 579.3]	387	624.1 [574.9, 676.6]	204	494.4 [453.1, 538.6]	184
Penobscot	578.6 [557.4, 600.4]	953	683 [648.1, 719.4]	501	504.1 [477.3, 532]	452
Piscataquis	555.5 [501.2, 614.6]	132	634.8 [549.9, 730.2]	69	498.1 [428.1, 577.6]	63
Sagadahoc	515.1 [475.4, 557.3]	213	655.2 [587.6, 728.6]	121	414.8 [366.8, 467.8]	93
Somerset	512.6 [480.5, 546.4]	322	586.4 [535.2, 641.5]	167	463 [421.4, 508]	155
Waldo	555.3 [515.9, 597.1]	253	615.9 [554.2, 682.7]	128	516.4 [464.7, 572.7]	125
Washington	570.6 [530.3, 613.4]	256	710.2 [644.1, 781.6]	145	461.8 [412, 516.5]	111
York	520.8 [503.9, 538.1]	1,222	597.3 [570.3, 625.3]	633	465.4 [443.6, 488]	589
Maine	528.1 [521.5, 534.7]	8,304	611.3 [600.7, 622.1]	4,317	468.8 [460.3, 477.4]	3,987

Notes:

County rate is significantly higher than Maine rate

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Tobacco-related Cancers, Excl. Lung: Incidence by County of Residence, Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Androscoggin	98.8 [88.8, 109.6]	122	143.6 [125.5, 163.5]	78	64.4 [53.7, 76.8]	44
Aroostook	87.4 [76.9, 99]	86	121.7 [103.5, 142.5]	54	60.1 [48.3, 74.1]	32
Cumberland	92.8 [86.7, 99.3]	292	136.3 [125, 148.4]	184	61.2 [54.5, 68.4]	107
Franklin	101.8 [83, 123.7]	35	131.8 [100.1, 170.6]	20	79.5 [57.5, 107.7]	15
Hancock	92.7 [80, 107.1]	64	126.5 [104.3, 152.3]	39	65.1 [51.1, 82.3]	25
Kennebec	91.4 [82.6, 101]	132	125.3 [109.8, 142.5]	81	64.7 [54.8, 76.1]	51
Knox	81.9 [68.5, 97.4]	45	120 [96, 148.5]	29	52.6 [38.1, 71.3]	16
Lincoln	86.1 [71.8, 102.8]	44	122.9 [97.9, 153.1]	28	56.8 [41.4, 77.1]	16
Oxford	95.3 [82.7, 109.4]	69	147.2 [123.8, 174]	48	54.7 [41.8, 70.6]	21
Penobscot	104.1 [95.2, 113.5]	172	153.6 [137.1, 171.5]	111	66.4 [57.1, 77]	61
Piscataquis	89.8 [69.2, 115.3]	22	142.1 [103.9, 191.2]	16	48.8 [29.2, 78.8]	6
Sagadahoc	78.4 [63.5, 96]	33	105.7 [79.8, 137.5]	20	56.3 [39.8, 77.7]	13
Somerset	86 [73.2, 100.6]	54	124.2 [101.9, 150.3]	37	52.5 [38.9, 69.7]	17
Waldo	88.9 [73.6, 106.6]	41	112.9 [87.8, 143.1]	24	70.1 [51.6, 93.5]	17
Washington	87.8 [72.7, 105.4]	40	121.6 [95.8, 152.9]	26	61.1 [44, 83.5]	15
York	99.7 [92.4, 107.5]	233	144 [130.9, 158.1]	153	64.8 [56.7, 73.7]	80
Maine	93.8 [91, 96.6]	1,484	134.5 [129.5, 139.6]	948	62.2 [59.1, 65.4]	535

Lung Cancer: Incidence by County of Residence, Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Androscoggin	82.2 [73.1, 92.1]	100	98.6 [83.6, 115.4]	53	71.2 [59.8, 84.2]	47
Aroostook	86.1 [75.9, 97.4]	87	127.2 [108.7, 148.1]	57	53.3 [42.7, 66.2]	29
Cumberland	71.1 [65.7, 76.8]	219	89.4 [80.2, 99.4]	118	59 [52.5, 66.1]	102
Franklin	70.4 [55.1, 88.8]	25	83 [59.2, 113.7]	14	58.7 [40.2, 83.4]	11
Hancock	99.8 [86.5, 114.6]	69	118.2 [97, 143]	37	84.2 [68, 103.6]	32
Kennebec	77.6 [69.5, 86.5]	112	94.2 [80.8, 109.3]	61	65.3 [55.3, 76.8]	51
Knox	70.7 [58.6, 84.8]	41	87.8 [67.8, 112.4]	22	60.2 [45.3, 79.3]	19
Lincoln	63.2 [51.3, 77.6]	33	62.5 [45.3, 84.9]	15	63.7 [47.7, 84.4]	18
Oxford	83.2 [71.4, 96.5]	60	104.6 [85, 127.6]	34	68.5 [54.1, 85.9]	26
Penobscot	93.4 [85, 102.4]	155	109.4 [95.6, 124.7]	79	82.2 [71.8, 93.8]	76
Piscataquis	80.8 [61.6, 105.1]	20	98.5 [67.6, 140.4]	11	68.5 [44.9, 102.2]	9
Sagadahoc	70.7 [56.5, 87.6]	29	90.9 [67, 120.7]	17	54.3 [38, 75.5]	12
Somerset	98.5 [84.8, 113.9]	62	119.8 [97.1, 146.5]	33	84.4 [67.5, 104.6]	29
Waldo	80.4 [66, 97.2]	37	92.1 [69.6, 119.8]	20	70.2 [52.3, 92.8]	17
Washington	105.6 [88.9, 124.8]	48	143 [114.6, 176.9]	30	75.7 [56.7, 99.8]	18
York	69.3 [63.3, 75.9]	162	77.5 [67.9, 88.1]	81	63.6 [55.8, 72.2]	82
Maine	79.5 [77, 82.1]	1,258	97.2 [92.9, 101.5]	680	66.6 [63.5, 69.8]	579

Notes:

County rate is significantly higher than Maine rate
Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding; Count/Yr = Average Annual Count

Data Source: Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

**Prostate Cancer: Incidence by County of Residence
Maine, 2005-2007**

	Male	
	AA Rate [95% CI]	Count/Yr
Androscoggin	161.2 [142.1, 182.1]	88
Aroostook	112.5 [95.5, 132]	52
Cumberland	169.4 [157, 182.5]	242
Franklin	152.8 [119.7, 192.6]	25
Hancock	183.4 [157.5, 212.8]	61
Kennebec	169.4 [151.6, 188.8]	114
Knox	149.8 [123.4, 180.5]	38
Lincoln	159.7 [131.8, 192.5]	39
Oxford	152.5 [129.1, 179.3]	51
Penobscot	168 [151.2, 186.1]	128
Piscataquis	180.8 [137.9, 234.4]	20
Sagadahoc	196.8 [161.3, 237.9]	38
Somerset	149.7 [125, 178.2]	45
Waldo	180.4 [147.8, 218.4]	37
Washington	198.7 [165, 237.9]	41
York	170.2 [156.2, 185.1]	188
Maine	164.8 [159.4, 170.4]	1,207

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

**Female Breast Cancer: Incidence by County of Residence
Maine, 2005-2007**

	Female	
	AA Rate [95% CI]	Count/Yr
Androscoggin	119.6 [104.5, 136.4]	77
Aroostook	110.4 [93.8, 129.4]	56
Cumberland	131.2 [121.4, 141.7]	226
Franklin	128.9 [100.4, 163.5]	24
Hancock	145.7 [123.7, 171]	54
Kennebec	133.2 [118.6, 149.3]	103
Knox	140.3 [115.8, 169]	41
Lincoln	136 [111, 165.8]	36
Oxford	141.1 [119.3, 165.9]	52
Penobscot	124.8 [111.6, 139.2]	111
Piscataquis	164.9 [125.2, 214.6]	20
Sagadahoc	124.1 [98.3, 155]	27
Somerset	126 [104.8, 150.7]	42
Waldo	135.5 [109.9, 165.6]	33
Washington	101.3 [78.6, 129.2]	24
York	132.6 [121.2, 144.9]	169
Maine	129.7 [125.3, 134.3]	1,094

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Colorectal Cancer: Incidence by County of Residence
Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Androscoggin	49.8 [42.8, 57.7]	61	54.6 [43.5, 67.6]	28	46.9 [37.9, 57.5]	33
Aroostook	61.3 [52.6, 71.2]	61	76.8 [62.2, 94.1]	33	49.2 [39, 61.7]	28
Cumberland	45.4 [41.1, 49.9]	144	50.8 [43.9, 58.4]	67	41.6 [36.3, 47.5]	77
Franklin	61.1 [46.9, 78.4]	21	61.9 [41, 89.9]	10	60.8 [42.1, 85.7]	12
Hancock	49.6 [40.5, 60.2]	35	51.3 [37.8, 68.4]	16	48.7 [36.7, 63.9]	19
Kennebec	46.5 [40.2, 53.5]	67	51.4 [41.7, 62.9]	33	41.7 [33.9, 50.9]	34
Knox	41 [32, 52.1]	24	57.2 [41.1, 77.9]	14	28.2 [18.9, 41.6]	10
Lincoln	41 [31.3, 53]	21	48.6 [33.4, 69.1]	11	32.7 [21.7, 48.6]	10
Oxford	54.5 [45, 65.5]	39	55.2 [41.4, 72.4]	18	53.4 [40.9, 69]	21
Penobscot	62.6 [55.8, 70.1]	103	72.4 [61.5, 84.7]	55	53 [44.7, 62.5]	48
Piscataquis	57.6 [40.5, 80.1]	13	58.2 [34.4, 93.7]	6	53.7 [31.9, 86.3]	7
Sagadahoc	47.2 [35.8, 61.2]	20	77.3 [54.9, 105.7]	14	24.2 [14.3, 39.1]	6
Somerset	52.3 [42.5, 64]	33	53.5 [38.5, 72.4]	15	52.2 [39.2, 68.6]	18
Waldo	58 [45.8, 72.6]	27	70.4 [50.6, 95.5]	15	48 [33.5, 67.2]	12
Washington	66.7 [53.7, 82.2]	31	71 [51.2, 96.6]	14	61.9 [45.7, 83]	17
York	49.7 [44.6, 55.3]	117	53.1 [45.1, 62]	54	47.4 [40.8, 54.9]	63
Maine	51.5 [49.4, 53.6]	818	58.1 [54.8, 61.5]	404	46.1 [43.5, 48.7]	414

Notes:

County rate is significantly higher than Maine rate

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Brain and ONS: Incidence by County of Residence Maine, 2003-2007

	All Behaviors		Malignant		Non-malignant	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Androscoggin	14.6 [11.5, 18.1]	16	7.2 [5.1, 9.9]	8	7.4 [5.3, 10]	8
Aroostook	14.7 [11.2, 18.9]	13	8.7 [6.1, 12.1]	8	6 [3.9, 8.9]	5
Cumberland	13.8 [12, 15.8]	42	7.7 [6.3, 9.3]	23	6.1 [4.9, 7.5]	19
Franklin	12.8 [7.6, 20.2]	4	7.7 [3.9, 13.6]	2	5.2 [2, 10.6]	***
Hancock	13.2 [9.6, 18]	9	8 [5.2, 12]	5	5.2 [3.1, 8.4]	4
Kennebec	15.2 [12.3, 18.6]	20	8.7 [6.6, 11.3]	12	6.5 [4.7, 8.9]	9
Knox	14 [9.6, 19.7]	7	6.9 [4, 11.2]	4	7.1 [4.1, 11.6]	3
Lincoln	9.6 [5.9, 14.9]	4	6.6 [3.6, 11.3]	3	3 [1.2, 6.5]	***
Oxford	12.2 [8.7, 16.7]	8	5.6 [3.3, 9]	4	6.6 [4.1, 10]	5
Penobscot	16.5 [13.8, 19.7]	26	8.7 [6.7, 11.1]	13	7.8 [6, 10.1]	12
Piscataquis	17 [9.8, 27.6]	4	8.9 [4.2, 17.1]	2	8.1 [3.3, 16.6]	2
Sagadahoc	11 [6.8, 16.8]	4	7.1 [3.8, 12.1]	3	3.9 [1.6, 7.9]	2
Somerset	11.5 [7.9, 16.3]	7	7.7 [4.8, 11.9]	4	3.8 [1.9, 6.9]	2
Waldo	18.3 [12.9, 25.3]	8	9.9 [6.1, 15.3]	4	8.4 [4.9, 13.5]	4
Washington	13.7 [9, 20.1]	6	9.3 [5.5, 14.8]	4	4.4 [2, 8.7]	2
York	12.5 [10.5, 14.8]	28	6.8 [5.3, 8.5]	15	5.7 [4.4, 7.4]	13
Maine	13.9 [13.1, 14.8]	206	7.7 [7.1, 8.4]	113	6.2 [5.6, 6.8]	92

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: ONS= Other Nervous System; AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

***Rate suppressed because 5-year case count fewer than 6

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Incidence: District and State Comparisons

All Cancers: Incidence by Public Health District of Residence
Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Aroostook	497.5 [471.6, 524.4]	481	589.7 [548.3, 633.7]	259	429.6 [396.5, 464.9]	222
Central	513.4 [495.6, 531.8]	1060	585.7 [557.2, 615.3]	548	461.1 [438, 485.2]	512
Cumberland	513.4 [498.9, 528.3]	1609	600.5 [576.5, 625.2]	821	455.3 [436.8, 474.4]	788
Downeast	574.8 [549.3, 601.3]	653	675.7 [634.9, 718.6]	351	495.5 [463, 529.8]	302
Midcoast	520.2 [501.4, 539.5]	997	590.4 [560.9, 621.1]	516	471 [446.4, 496.7]	481
Penquis	575.6 [555.9, 596]	1085	676.2 [643.8, 709.9]	570	503.6 [478.6, 529.8]	515
Western	525.6 [508.4, 543.3]	1195	603.6 [576, 632.1]	618	472.4 [450, 495.7]	577
York	520.8 [503.9, 538.1]	1222	597.3 [570.3, 625.3]	633	465.4 [443.6, 488]	589
Maine	528.1 [521.5, 534.7]	8304	611.3 [600.7, 622.1]	4317	468.8 [460.3, 477.4]	3987

Notes:



District rate is significantly higher than Maine rate

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

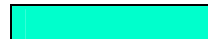
Tobacco-related Cancers, Excl. Lung: Incidence by Public Health District of Residence
Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Aroostook	87.4 [76.9, 99]	86	121.7 [103.5, 142.5]	54	60.1 [48.3, 74.1]	32
Central	89.7 [82.4, 97.6]	186	125.3 [112.4, 139.4]	118	60.8 [52.7, 70]	68
Cumberland	92.8 [86.7, 99.3]	292	136.3 [125, 148.4]	184	61.2 [54.5, 68.4]	107
Downeast	90.3 [80.5, 101.1]	105	124.5 [107.4, 143.8]	65	62.8 [51.9, 75.6]	40
Midcoast	84.1 [76.8, 92.1]	163	116 [103.1, 130]	102	59 [50.6, 68.6]	61
Penquis	102.4 [94.2, 111.2]	194	152.4 [137.1, 169]	127	64.3 [55.7, 74]	67
Western	98.2 [90.9, 106]	226	142.9 [129.6, 157.2]	146	63.9 [55.9, 72.8]	80
York	99.7 [92.4, 107.5]	233	144 [130.9, 158.1]	153	64.8 [56.7, 73.7]	80
Maine	93.8 [91, 96.6]	1484	134.5 [129.5, 139.6]	948	62.2 [59.1, 65.4]	535

Lung Cancer: Incidence by Public Health District of Residence
Maine, 2005-2007

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Aroostook	86.1 [75.9, 97.4]	87	127.2 [108.7, 148.1]	57	53.3 [42.7, 66.2]	29
Central	83.9 [76.8, 91.5]	174	101.8 [90.1, 114.7]	94	71.1 [62.3, 80.8]	80
Cumberland	71.1 [65.7, 76.8]	219	89.4 [80.2, 99.4]	118	59 [52.5, 66.1]	102
Downeast	101.8 [91.3, 113.2]	117	127.7 [110.4, 147]	67	80.4 [67.9, 94.8]	50
Midcoast	71.4 [64.7, 78.7]	140	83.3 [72.5, 95.3]	73	62.5 [54, 72]	67
Penquis	91.8 [84, 100]	175	107.8 [95.1, 121.8]	90	80.5 [70.9, 91.2]	85
Western	80.5 [73.9, 87.6]	185	97.9 [87, 109.8]	100	68.2 [59.9, 77.3]	84
York	69.3 [63.3, 75.9]	162	77.5 [67.9, 88.1]	81	63.6 [55.8, 72.2]	82
Maine	79.5 [77, 82.1]	1258	97.2 [92.9, 101.5]	680	66.6 [63.5, 69.8]	579

Notes:



District rate is significantly higher than Maine rate.

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003).

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results;

Excl. = Excluding; Count/Yr = Average Annual Count.

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Prostate Cancer:
Incidence by Public Health District of Residence
Maine, 2005-2007

	Male	
	AA Rate [95% CI]	Count/Yr
Aroostook	112.5 [95.5, 132]	52
Central	163.5 [148.9, 179.2]	158
Cumberland	169.4 [157, 182.5]	242
Downeast	189.7 [168.8, 212.6]	102
Midcoast	167.9 [152.7, 184.4]	152
Penquis	169.6 [153.9, 186.6]	148
Western	156.7 [143, 171.4]	165
York	170.2 [156.2, 185.1]	188
Maine	164.8 [159.4, 170.4]	1207

Female Breast Cancer:
Incidence by Public Health District of Residence
Maine, 2005-2007

	Female	
	AA Rate [95% CI]	Count/Yr
Aroostook	110.4 [93.8, 129.4]	56
Central	131.2 [119, 144.3]	145
Cumberland	131.2 [121.4, 141.7]	226
Downeast	128.8 [112.5, 147.1]	77
Midcoast	135.3 [122.3, 149.4]	137
Penquis	129.5 [116.9, 143.2]	131
Western	127.2 [115.6, 139.6]	153
York	132.6 [121.2, 144.9]	169
Maine	129.7 [125.3, 134.3]	1094

Notes:

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count.

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

**Colorectal Cancer: Incidence by Public Health District of Residence
Maine, 2004-2006**

	Total		Male		Female	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Aroostook	61.3 [52.6, 71.2]	61	76.8 [62.2, 94.1]	33	49.2 [39, 61.7]	28
Central	48.4 [43, 54.2]	100	52 [43.7, 61.5]	48	44.9 [38.1, 52.8]	52
Cumberland	45.4 [41.1, 49.9]	144	50.8 [43.9, 58.4]	67	41.6 [36.3, 47.5]	77
Downeast	56.3 [48.7, 64.9]	66	58.9 [47.4, 72.6]	31	54.1 [44.2, 65.9]	36
Midcoast	46.4 [41, 52.4]	91	61.7 [52.4, 72.3]	54	33.5 [27.5, 40.6]	38
Penquis	61.7 [55.4, 68.7]	116	70.2 [60.2, 81.4]	61	52.9 [45.1, 61.8]	55
Western	52.9 [47.6, 58.7]	122	55.9 [47.6, 65.1]	56	50.9 [43.9, 58.8]	66
York	49.7 [44.6, 55.3]	117	53.1 [45.1, 62]	54	47.4 [40.8, 54.9]	63
Maine	51.5 [49.4, 53.6]	818	58.1 [54.8, 61.5]	404	46.1 [43.5, 48.7]	414

**Brain and ONS: Incidence by Public Health District of Residence
Maine, 2004-2006**

	All Behaviors		Malignant		Non-malignant	
	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr	AA Rate [95% CI]	Count/Yr
Aroostook	14.7 [11.2, 18.9]	13	8.7 [6.1, 12.1]	8	6 [3.9, 8.9]	5
Central	14.1 [11.8, 16.8]	27	8.4 [6.7, 10.6]	16	5.7 [4.3, 7.5]	11
Cumberland	13.8 [12, 15.8]	42	7.7 [6.3, 9.3]	23	6.1 [4.9, 7.5]	19
Downeast	13.4 [10.4, 17]	14	8.6 [6.2, 11.6]	9	4.9 [3.2, 7.2]	5
Midcoast	13.4 [11.1, 16.2]	24	7.8 [6, 9.9]	14	5.7 [4.2, 7.5]	10
Penquis	16.6 [13.9, 19.5]	29	8.7 [6.9, 10.9]	15	7.8 [6.1, 10]	14
Western	13.6 [11.4, 16]	28	6.8 [5.3, 8.6]	14	6.8 [5.3, 8.6]	14
York	12.5 [10.5, 14.8]	28	6.8 [5.3, 8.5]	15	5.7 [4.4, 7.4]	13
Maine	13.9 [13.1, 14.8]	206	7.7 [7.1, 8.4]	113	6.2 [5.6, 6.8]	92

Notes:

District rate is significantly higher than Maine rate

Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)

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 US population standard

Abbreviations: ONS= Other Nervous System; AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count.

Data Source:

Maine Cancer Registry, 1995-2008 NPCR-CSS Call for Data

Mortality: State and National Comparisons

Age-adjusted Cancer Mortality Rates by *Site*
Maine, 2006

	Total			
	<i>AA Rate [95% CI]</i>	<i>Count</i>	<i>US Whites</i>	<i>US All Races</i>
All Sites	194.3 [187.5, 201.4]	3089	180.1 [179.6, 180.6]	181.1 [180.6, 181.5]
Tobacco-related, Excl. Lung	37.7 [34.7, 40.9]	600	34.5 [34.3, 34.7]	35 [34.8, 35.2]
Lung and Bronchus	61.5 [57.7, 65.5]	971	52.3 [52, 52.5]	51.7 [51.5, 52]
Prostate	---			
Breast	12 [10.3, 13.8]	194	12.8 [12.6, 12.9]	13.2 [13, 13.3]
Colon and Rectum	17.1 [15.1, 19.2]	275	16.6 [16.4, 16.8]	17.1 [17, 17.3]
Bladder, Urinary	6.1 [5, 7.5]	99	4.5 [4.4, 4.6]	4.3 [4.3, 4.4]
Brain & Other Nerv. System	4.9 [3.9, 6.2]	77	4.5 [4.4, 4.6]	4.2 [4.1, 4.2]
Cervix Uteri	---			
Corpus and Uterus, NOS	---			
Esophagus	6.2 [5.1, 7.6]	98	4.5 [4.4, 4.5]	4.4 [4.3, 4.5]
Hodgkin Lymphoma	0.6 [0.3, 1.1]	9	0.5 [0.4, 0.5]	0.4 [0.4, 0.5]
Kidney and Renal Pelvis	4.4 [3.4, 5.5]	70	4.1 [4, 4.2]	4 [3.9, 4.1]
Larynx	1.1 [0.7, 1.8]	18	1.2 [1.1, 1.2]	1.2 [1.2, 1.3]
Leukemia	6.6 [5.3, 8]	103	7.4 [7.3, 7.5]	7.2 [7.1, 7.3]
Liver and Intrahep. Bile Duct	4.8 [3.8, 6]	78	4.9 [4.8, 5]	5.3 [5.2, 5.4]
Melanoma of the Skin	3.3 [2.5, 4.4]	51	3.1 [3, 3.2]	2.7 [2.7, 2.8]
Myeloma	3.1 [2.3, 4.1]	49	3.2 [3.2, 3.3]	3.5 [3.4, 3.5]
Non-Hodgkin Lymphoma	6.3 [5.1, 7.7]	99	6.9 [6.8, 7]	6.7 [6.6, 6.8]
Oral Cavity and Pharynx	2.4 [1.7, 3.4]	38	2.4 [2.3, 2.4]	2.5 [2.4, 2.5]
Ovary	---			
Pancreas	10.7 [9.1, 12.4]	172	10.7 [10.5, 10.8]	10.8 [10.7, 10.9]
Stomach	2.9 [2.1, 3.9]	45	3.2 [3.1, 3.3]	3.7 [3.6, 3.7]
Testis	---			
Thyroid	0.6 [0.3, 1.1]	10	0.5 [0.5, 0.5]	0.5 [0.5, 0.5]

Notes:

 Maine rate is significantly higher than US White rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

***Rate suppressed because number of deaths fewer than 6

Data Sources:

Maine and U.S. Mortality: National Center for Health Statistics, All COD, Public-Use With State, Total U.S. (1969-2006)

Age-adjusted Cancer Mortality Rates by **Site**
Maine, 2006

	Male			
	AA Rate [95% CI]	Count	US Whites	US All Races
All Sites	240.7 [229, 252.9]	1628	218.7 [217.9, 219.6]	221.1 [220.3, 221.9]
Tobacco-related, Excl. Lung	52.9 [47.5, 58.7]	364	47.9 [47.5, 48.3]	48.2 [47.8, 48.5]
Lung and Bronchus	77.6 [71.1, 84.6]	532	67.1 [66.7, 67.6]	67.5 [67, 67.9]
Prostate	23.9 [20.2, 28.2]	148	21.8 [21.5, 22]	23.6 [23.3, 23.8]
Breast	***	***	0.3 [0.3, 0.3]	0.3 [0.3, 0.3]
Colon and Rectum	21 [17.7, 24.9]	141	19.9 [19.6, 20.1]	20.5 [20.3, 20.8]
Bladder, Urinary	9.5 [7.3, 12.2]	62	8 [7.8, 8.1]	7.6 [7.4, 7.7]
Brain & Other Nerv. System	6.7 [4.9, 9]	46	5.5 [5.4, 5.7]	5.1 [5, 5.3]
Cervix Uteri			---	
Corpus and Uterus, NOS			---	
Esophagus	12.5 [10, 15.5]	86	8 [7.8, 8.2]	7.9 [7.7, 8]
Hodgkin Lymphoma	***	***	0.6 [0.5, 0.6]	0.6 [0.5, 0.6]
Kidney and Renal Pelvis	6.6 [4.8, 8.8]	45	5.8 [5.7, 6]	5.7 [5.6, 5.9]
Larynx	2.3 [1.3, 3.8]	16	2 [2, 2.1]	2.2 [2.1, 2.3]
Leukemia	9.3 [7.1, 12]	62	9.9 [9.7, 10.1]	9.6 [9.4, 9.8]
Liver and Intrahep. Bile Duct	6.9 [5.1, 9.2]	51	7 [6.9, 7.2]	7.7 [7.6, 7.9]
Melanoma of the Skin	4.7 [3.2, 6.7]	32	4.6 [4.5, 4.7]	4.1 [4, 4.2]
Myeloma	4.5 [3, 6.5]	31	4.1 [4, 4.2]	4.4 [4.2, 4.5]
Non-Hodgkin Lymphoma	7.3 [5.4, 9.8]	49	8.7 [8.5, 8.9]	8.4 [8.3, 8.6]
Oral Cavity and Pharynx	2.9 [1.8, 4.5]	21	3.6 [3.5, 3.7]	3.8 [3.7, 3.9]
Ovary			---	
Pancreas	10.3 [8.1, 13]	74	12.4 [12.2, 12.6]	12.4 [12.2, 12.6]
Stomach	4.6 [3.1, 6.5]	31	4.4 [4.3, 4.6]	5 [4.9, 5.2]
Testis	***	***	0.3 [0.2, 0.3]	0.2 [0.2, 0.3]
Thyroid	***	***	0.5 [0.4, 0.5]	0.5 [0.4, 0.5]

Notes:

Maine rate is significantly higher than US White rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

***Rate suppressed because number of cases fewer than 6

Data Sources:

Maine and U.S. Mortality: National Center for Health Statistics, All COD, Public-Use With State, Total U.S. (1969-2006)

Age-adjusted Cancer Mortality Rates by *Site*
Maine, 2006

	Female			
	<i>AA Rate [95% CI]</i>	<i>Count</i>	<i>US Whites</i>	<i>US All Races</i>
All Sites	162.9 [154.5, 171.6]	1461	153.4 [152.8, 154.1]	153.7 [153.1, 154.2]
Tobacco-related, Excl. Lung	26 [22.7, 29.6]	236	24.4 [24.1, 24.6]	25.1 [24.9, 25.4]
Lung and Bronchus	49.9 [45.3, 54.8]	439	41.3 [40.9, 41.6]	40.2 [39.9, 40.5]
Prostate			---	
Breast	21.4 [18.4, 24.7]	193	22.9 [22.6, 23.1]	23.4 [23.2, 23.7]
Colon and Rectum	14.1 [11.8, 16.8]	134	14.1 [13.9, 14.3]	14.5 [14.4, 14.7]
Bladder, Urinary	3.9 [2.7, 5.4]	37	2.2 [2.1, 2.2]	2.2 [2.1, 2.3]
Brain & Other Nerv. System	3.7 [2.5, 5.3]	31	3.7 [3.6, 3.8]	3.4 [3.3, 3.5]
Cervix Uteri	1.7 [0.9, 2.9]	14	2.2 [2.1, 2.3]	2.4 [2.3, 2.5]
Corpus and Uterus, NOS	4.3 [3, 5.9]	38	3.9 [3.8, 4]	4.2 [4.1, 4.3]
Esophagus	1.3 [0.7, 2.4]	12	1.6 [1.6, 1.7]	1.7 [1.6, 1.7]
Hodgkin Lymphoma	***	***	0.3 [0.3, 0.4]	0.3 [0.3, 0.4]
Kidney and Renal Pelvis	2.7 [1.7, 4.1]	25	2.7 [2.6, 2.8]	2.6 [2.6, 2.7]
Larynx	***	***	0.5 [0.4, 0.5]	0.5 [0.4, 0.5]
Leukemia	4.6 [3.3, 6.4]	41	5.6 [5.5, 5.7]	5.4 [5.3, 5.5]
Liver and Intrahep. Bile Duct	3 [1.9, 4.4]	27	3.1 [3, 3.2]	3.3 [3.2, 3.4]
Melanoma of the Skin	2.3 [1.4, 3.6]	19	2 [1.9, 2]	1.7 [1.7, 1.8]
Myeloma	2 [1.2, 3.3]	18	2.6 [2.5, 2.7]	2.9 [2.8, 2.9]
Non-Hodgkin Lymphoma	5.5 [4.1, 7.4]	50	5.6 [5.5, 5.7]	5.4 [5.3, 5.5]
Oral Cavity and Pharynx	2 [1.1, 3.3]	17	1.4 [1.3, 1.4]	1.4 [1.3, 1.4]
Ovary	8.1 [6.3, 10.2]	72	8.9 [8.8, 9.1]	8.5 [8.4, 8.7]
Pancreas	10.7 [8.6, 13.1]	98	9.2 [9.1, 9.4]	9.5 [9.3, 9.6]
Stomach	1.6 [0.9, 2.8]	14	2.3 [2.2, 2.3]	2.6 [2.6, 2.7]
Testis			---	
Thyroid	***	***	0.5 [0.5, 0.5]	0.5 [0.5, 0.5]

Notes:

Maine rate is significantly higher than US White rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

***Rate suppressed because number of cases fewer than 6

Data Sources:

Maine and U.S. Mortality: National Center for Health Statistics, All COD, Public-Use With State, Total U.S. (1969-2006)

Mortality: County and State Comparisons

All Cancers: Mortality by County of Residence
Maine, 2002-2006

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Androscoggin	200.6 [189.4, 212.2]	231.8 [213.3, 251.5]	181.7 [167.6, 196.8]
Aroostook	202.4 [190, 215.5]	262.7 [241.1, 285.8]	159.1 [144.4, 175.1]
Cumberland	202.7 [195.5, 210]	248 [235.6, 260.9]	175.5 [166.7, 184.6]
Franklin	207 [185.8, 230.1]	233.7 [198.9, 272.7]	194 [166.5, 225]
Hancock	212.7 [197.4, 228.9]	248.8 [223.6, 276.2]	188 [168.9, 209]
Kennebec	200.5 [190.1, 211.4]	244.3 [226.6, 262.9]	170.5 [157.7, 184.1]
Knox	192.9 [176.8, 210.2]	255.5 [227.3, 286.4]	148.1 [129.3, 169.2]
Lincoln	198 [180.9, 216.5]	235 [207, 266.1]	172.3 [150.8, 196.5]
Oxford	213.8 [198.7, 229.7]	273.8 [248.1, 301.6]	169.6 [151.6, 189.3]
Penobscot	213.2 [203.2, 223.7]	261.8 [244.2, 280.3]	180.2 [167.9, 193.1]
Piscataquis	241.5 [214.2, 271.7]	291.6 [246.1, 343.6]	207.4 [173.5, 246.9]
Sagadahoc	200.2 [180.9, 221]	246.8 [213.6, 283.6]	167.8 [144.6, 193.9]
Somerset	204.8 [188.9, 221.6]	279.9 [251, 311.3]	154 [135.9, 174.1]
Waldo	187.1 [169.2, 206.4]	233.2 [202.9, 266.9]	153.4 [131.8, 177.8]
Washington	240.2 [220.4, 261.5]	322.4 [287.7, 360.3]	181.2 [158, 207.2]
York	196.3 [188.1, 204.7]	235.1 [221.4, 249.4]	169.3 [159.2, 179.8]
Maine	204.1 [201, 207.4]	251.3 [245.8, 256.9]	172.4 [168.5, 176.4]

Notes:

County rate is significantly higher than Maine rate
Mortality case definitions are based on ICD-10 codes (see page 5)
Rates are calculated per 100,000 population and age-adjusted to the year 2000 US population standard
Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006).

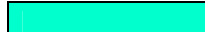
**Tobacco-related Cancers, Excl. Lung: Mortality by County of Residence
Maine, 2002-2006**

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Androscoggin	41.6 [36.6, 47.1]	61.3 [52, 71.7]	26.8 [21.6, 33]
Aroostook	36.9 [31.7, 42.7]	48.8 [39.8, 59.4]	28.3 [22.4, 35.6]
Cumberland	40.5 [37.3, 43.8]	55.5 [49.8, 61.7]	30 [26.4, 33.9]
Franklin	47.5 [37.6, 59.3]	59.6 [42.6, 81.1]	41.3 [29.1, 57.2]
Hancock	36.6 [30.4, 43.7]	45.3 [35.1, 57.8]	29.2 [22.1, 38.3]
Kennebec	37.2 [32.8, 42]	50 [42.3, 58.6]	25.8 [21.1, 31.4]
Knox	35.1 [28.4, 43]	53.7 [41.3, 68.7]	20.8 [14, 30.1]
Lincoln	31.8 [25.2, 39.7]	42.8 [31.6, 57.1]	22.9 [15.6, 33.1]
Oxford	41.9 [35.4, 49.3]	58 [46.7, 71.4]	28.4 [21.3, 37.2]
Penobscot	37.9 [33.7, 42.5]	54.8 [47, 63.5]	24.7 [20.4, 29.8]
Piscataquis	37 [26.9, 50]	46.8 [30.1, 70.4]	28.7 [17.4, 46]
Sagadahoc	42.3 [33.7, 52.6]	60.1 [44.8, 79]	27.1 [18.1, 39.2]
Somerset	36.2 [29.7, 43.8]	56.3 [43.9, 71.2]	21.1 [14.8, 29.6]
Waldo	38.7 [30.9, 48.1]	49.5 [36.5, 65.8]	29.9 [20.8, 42]
Washington	45.8 [37.4, 55.7]	75.5 [59.2, 95.2]	23.5 [15.8, 34.2]
York	38.4 [34.9, 42.3]	57.5 [50.9, 64.7]	23.5 [19.9, 27.7]
Maine	39 [37.6, 40.4]	54.9 [52.4, 57.5]	26.6 [25.1, 28.2]

Lung Cancer: Mortality by County of Residence, Maine, 2002-2006

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Androscoggin	66.4 [60.1, 73.3]	81.1 [70.3, 93]	56.7 [48.9, 65.5]
Aroostook	64.4 [57.5, 72]	93 [80.5, 107]	43 [35.5, 51.8]
Cumberland	58.8 [54.9, 62.8]	74.1 [67.5, 81.3]	48 [43.4, 52.9]
Franklin	50.7 [40.5, 62.7]	61.6 [44.8, 82.8]	43.5 [31.2, 59.5]
Hancock	58.3 [50.5, 67.1]	77.4 [63.9, 93]	44 [35, 54.9]
Kennebec	64.5 [58.7, 70.8]	81.4 [71.5, 92.4]	52.9 [45.9, 60.8]
Knox	56.9 [48.3, 66.7]	81.7 [66.2, 100]	39.7 [30.1, 51.7]
Lincoln	57.2 [48.2, 67.6]	66.9 [52.4, 84.5]	50.4 [39.3, 64.4]
Oxford	63.9 [55.8, 72.9]	88.2 [74, 104.5]	46.1 [36.9, 57.1]
Penobscot	65.9 [60.4, 71.8]	84.6 [75, 95.1]	51.8 [45.4, 59]
Piscataquis	74.9 [60.3, 92.5]	98.3 [73.5, 129.6]	56.7 [39.8, 79.5]
Sagadahoc	60.7 [50.2, 72.6]	73.3 [55.9, 94.4]	51.7 [39.3, 67.2]
Somerset	69.3 [60.3, 79.4]	94.2 [78.3, 112.4]	49.9 [39.8, 62]
Waldo	57.8 [48.1, 69]	63.1 [48.3, 81.2]	52.8 [40.5, 67.8]
Washington	75.7 [64.8, 88.1]	97.7 [79.4, 119.3]	58.4 [45.6, 74]
York	57.4 [53, 62]	69.9 [62.6, 77.9]	48.9 [43.5, 54.8]
Maine	61.9 [60.1, 63.7]	79.2 [76.1, 82.3]	49.4 [47.3, 51.6]

Notes:



County rate is significantly higher than Maine rate

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Data Source: National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

Prostate Cancer: Mortality by County of Residence, Maine, 2002-2006

	Male
	AA Rate [95% CI]
Androscoggin	18.2 [13.1, 24.5]
Aroostook	14 [9.3, 20.4]
Cumberland	28.1 [23.9, 32.9]
Franklin	14.4 [6.7, 26.9]
Hancock	28.2 [20, 38.8]
Kennebec	26.9 [21, 34]
Knox	29.2 [20.1, 41.2]
Lincoln	37.8 [26.9, 51.9]
Oxford	28.9 [20.6, 39.5]
Penobscot	24 [18.5, 30.5]
Piscataquis	51.8 [33.4, 77.4]
Sagadahoc	35.1 [22.5, 51.7]
Somerset	27.6 [18.6, 39.3]
Waldo	33.5 [21.9, 48.8]
Washington	25.7 [16.4, 38.6]
York	25.2 [20.6, 30.5]
Maine	26.2 [24.4, 28.2]

Notes:

County rate is significantly higher than Maine rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

**Female Breast Cancer: Mortality by County
of Residence, Maine, 2002-2006**

	Female
	AA Rate [95% CI]
Androscoggin	27.6 [22.2, 33.9]
Aroostook	17.8 [13, 23.9]
Cumberland	24.8 [21.6, 28.4]
Franklin	28.5 [18.5, 42.4]
Hancock	25.9 [19, 34.8]
Kennebec	19.6 [15.3, 24.7]
Knox	22.8 [15.8, 32.4]
Lincoln	20.3 [13.3, 30.2]
Oxford	25 [18.3, 33.5]
Penobscot	28.3 [23.6, 33.8]
Piscataquis	26 [14.8, 43.6]
Sagadahoc	22.1 [14.2, 33]
Somerset	19.3 [13.3, 27.4]
Waldo	12.7 [7.2, 21.1]
Washington	26.2 [17.5, 38.1]
York	21.5 [18, 25.6]
Maine	23.4 [21.9, 24.9]

Notes:

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

Colorectal Cancer: Mortality by County of Residence
Maine, 2002-2006

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Androscoggin	16 [13, 19.5]	17 [12.3, 22.9]	15 [11.2, 19.7]
Aroostook	22.9 [18.8, 27.6]	31.2 [24, 40]	16.6 [12.1, 22.4]
Cumberland	20.6 [18.4, 23]	25.3 [21.4, 29.6]	17.7 [15, 20.7]
Franklin	22.7 [15.9, 31.4]	29.1 [17.7, 45.2]	18.3 [10.6, 30]
Hancock	18.9 [14.6, 24.2]	20.7 [13.8, 30]	17.9 [12.6, 25.2]
Kennebec	16.9 [14, 20.3]	18.1 [13.5, 23.8]	16 [12.4, 20.4]
Knox	13.9 [9.8, 19.2]	20.2 [12.8, 30.6]	9.5 [5.4, 16.3]
Lincoln	15.5 [11.1, 21.4]	15.9 [9.2, 26]	15.1 [9.6, 23.6]
Oxford	17.8 [13.7, 22.9]	23.8 [16.7, 33.1]	13.1 [8.5, 19.5]
Penobscot	18.2 [15.3, 21.4]	19.5 [15, 25]	16.7 [13.2, 21]
Piscataquis	24.3 [16.1, 35.6]	28.2 [15.1, 48.6]	20.6 [11.3, 36]
Sagadahoc	15.6 [10.6, 22.3]	17.8 [9.8, 29.6]	13.7 [7.7, 22.8]
Somerset	17.8 [13.3, 23.3]	17.6 [10.8, 27.1]	18.2 [12.4, 26]
Waldo	17.2 [12.1, 23.9]	22.5 [13.8, 34.5]	12.4 [6.9, 20.9]
Washington	24.2 [18.2, 31.7]	30 [20, 43.4]	19.4 [12.5, 29.2]
York	18.4 [15.9, 21.1]	19.5 [15.8, 23.9]	16.7 [13.8, 20.2]
Maine	18.7 [17.8, 19.7]	21.9 [20.3, 23.6]	16.3 [15.1, 17.5]

Notes:

County rate is significantly higher than Maine rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

Mortality: District and State Comparisons

All Cancers: Mortality by Public Health District of Residence
Maine, 2002-2006

	Total	Male	Female
	<i>AA Rate [95% CI]</i>	<i>AA Rate [95% CI]</i>	<i>AA Rate [95% CI]</i>
Aroostook	202.4 [190, 215.5]	262.7 [241.1, 285.8]	159.1 [144.4, 175.1]
Central	201.6 [192.9, 210.7]	254.6 [239.5, 270.5]	165.4 [154.9, 176.5]
Cumberland	202.7 [195.5, 210]	248 [235.6, 260.9]	175.5 [166.7, 184.6]
Downeast	223.4 [211.2, 236.1]	277.9 [257.3, 299.9]	185.1 [170.2, 201]
Midcoast	195.1 [186.2, 204.3]	243.7 [228.6, 259.5]	160.4 [149.7, 171.8]
Penquis	216.9 [207.5, 226.8]	265.9 [249.5, 283.2]	183.7 [172.1, 195.8]
Western	205.4 [197.1, 214]	245.3 [231.4, 259.9]	179.5 [169.1, 190.4]
York	196.3 [188.1, 204.7]	235.1 [221.4, 249.4]	169.3 [159.2, 179.8]
Maine	204.1 [201, 207.4]	251.3 [245.8, 256.9]	172.4 [168.5, 176.4]

Notes:

District rate is significantly higher than Maine rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

Tobacco-related Cancers, Excl. Lung: Mortality by Public Health District of Residence, Maine, 2002-2006

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Aroostook	36.9 [31.7, 42.7]	48.8 [39.8, 59.4]	28.3 [22.4, 35.6]
Central	36.8 [33.1, 40.8]	51.7 [45.1, 59]	24.4 [20.5, 28.8]
Cumberland	40.5 [37.3, 43.8]	55.5 [49.8, 61.7]	30 [26.4, 33.9]
Downeast	40.3 [35.2, 45.9]	57.5 [48.3, 67.9]	26.9 [21.5, 33.4]
Midcoast	36.8 [33, 40.9]	51.2 [44.5, 58.6]	25 [20.8, 29.9]
Penquis	37.8 [33.9, 42]	53.7 [46.6, 61.7]	25.2 [21.1, 30]
Western	42.5 [38.8, 46.5]	59.8 [53.1, 67.2]	29.5 [25.4, 34.1]
York	38.4 [34.9, 42.3]	57.5 [50.9, 64.7]	23.5 [19.9, 27.7]
Maine	39 [37.6, 40.4]	54.9 [52.4, 57.5]	26.6 [25.1, 28.2]

**Lung Cancer: Mortality by Public Health District of Residence
Maine, 2002-2006**

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Aroostook	64.4 [57.5, 72]	93 [80.5, 107]	43 [35.5, 51.8]
Central	65.9 [61, 71.2]	85.3 [76.7, 94.5]	51.9 [46.1, 58.4]
Cumberland	58.8 [54.9, 62.8]	74.1 [67.5, 81.3]	48 [43.4, 52.9]
Downeast	65.1 [58.7, 72.2]	85.3 [74.2, 97.6]	49.9 [42.3, 58.6]
Midcoast	58.2 [53.4, 63.3]	72 [64, 80.8]	48.1 [42.3, 54.6]
Penquis	67.1 [61.9, 72.6]	86.5 [77.5, 96.4]	52.4 [46.4, 59.2]
Western	63.1 [58.6, 67.9]	80.2 [72.3, 88.6]	51.3 [45.8, 57.4]
York	57.4 [53, 62]	69.9 [62.6, 77.9]	48.9 [43.5, 54.8]
Maine	61.9 [60.1, 63.7]	79.2 [76.1, 82.3]	49.4 [47.3, 51.6]

Notes:

Tobacco-related cancers, excl. lung = laryngeal, oropharyngeal, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

**Prostate Cancer: Mortality by Public Health District of Residence
Maine, 2002-2006**

	Male
	AA Rate [95% CI]
Aroostook	14 [9.3, 20.4]
Central	27.2 [22.1, 33.1]
Cumberland	28.1 [23.9, 32.9]
Downeast	27.2 [20.9, 34.9]
Midcoast	33.8 [28.1, 40.3]
Penquis	28.1 [22.5, 34.5]
Western	21.1 [17, 25.9]
York	25.2 [20.6, 30.5]
Maine	26.2 [24.4, 28.2]

**Female Breast Cancer: Mortality by Public Health District of Residence
Maine, 2002-2006**

	Female
	AA Rate [95% CI]
Aroostook	17.8 [13, 23.9]
Central	19.4 [15.9, 23.6]
Cumberland	24.8 [21.6, 28.4]
Downeast	26 [20.4, 32.7]
Midcoast	19.7 [16, 24]
Penquis	28.1 [23.6, 33.1]
Western	27 [23.1, 31.6]
York	21.5 [18, 25.6]
Maine	23.4 [21.9, 24.9]

Notes:

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)

**Colorectal Cancer: Mortality by Public Health District of Residence
Maine, 2002-2006**

	Total	Male	Female
	AA Rate [95% CI]	AA Rate [95% CI]	AA Rate [95% CI]
Aroostook	22.9 [18.8, 27.6]	31.2 [24, 40]	16.6 [12.1, 22.4]
Central	17.2 [14.8, 20]	18 [14, 22.6]	16.7 [13.5, 20.4]
Cumberland	20.6 [18.4, 23]	25.3 [21.4, 29.6]	17.7 [15, 20.7]
Downeast	20.9 [17.3, 25.1]	24.2 [18.3, 31.5]	18.5 [14.2, 24]
Midcoast	15.5 [13.1, 18.3]	19.3 [15.2, 24.2]	12.6 [9.8, 16]
Penquis	19 [16.2, 22]	20.6 [16.3, 25.8]	17.3 [13.9, 21.3]
Western	17.5 [15.2, 20.1]	20.9 [17, 25.5]	14.8 [12, 18.2]
York	18.4 [15.9, 21.1]	19.5 [15.8, 23.9]	16.7 [13.8, 20.2]
Maine	18.7 [17.8, 19.7]	21.9 [20.3, 23.6]	16.3 [15.1, 17.5]

Notes:

District rate is significantly higher than Maine rate

Mortality case definitions are based on ICD-10 codes (see page 5)

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

Abbreviations: AA = Age-adjusted; CI = Confidence Interval

Data Source:

National Center for Health Statistics, All COD, Public-Use With County, Total U.S. (1969-2006)