

Rhode Island Cancer Registry

CANCER

Surveillance Report

Rhode Island's Cancer Burden

Incorporating the 2008 Annual Report of the Rhode Island Cancer Registry



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DETAILED CANCER STATISTICS

Rhode Island Average Annual Age-Adjusted Cancer Incidence Rates

- 2002-2006
 - Males and Females, All Races
 - Males and Females, Whites
 - Males and Females, Blacks
 - Males and Females, All Races, by County

Rhode Island Average Annual Age-Adjusted Cancer Mortality Rates

- 2001-2005
 - Males and Females, All Races
 - Males and Females, Whites
 - Males and Females, Blacks
 - Males and Females, All Races, by County

A publication of the Rhode Island Cancer Registry

An electronic version of this plan is available on the Internet at www.health.ri.gov

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THE BURDEN OF CANCER IN RHODE ISLAND

Cancer is a major cause of morbidity and mortality in Rhode Island, as it is in the nation as a whole. About four of every 10 people in the state will develop cancer sometime in the course of life, and about two of every ten will die as a direct result of cancer. About 43,000 Rhode Island residents – roughly four percent of the total population – are living with cancer. Cancer, in fact, is so pervasive that most Rhode Island families have been touched by someone struggling with the physical, emotional, and financial challenges of the disease.

In 2008, roughly 6,120 new cases of cancer will be diagnosed in Rhode Island, and about 2,310 Rhode Island death certificates will list cancer as the underlying cause of death. (ACS) Cancer costs the state almost a billion dollars in direct medical costs and lost productivity every year.

Rhode Island cancer mortality, formerly among the highest in the nation, displays an “urban profile.” When the differential between RI and US rates is decomposed, it is found to be caused by cancers of a limited number of anatomical sites, including cancers in which diet is implicated and cancers related to tobacco use. Mortality rates from these cancers are elevated in urban areas throughout the developed world.

Working from American Cancer Society estimates of cancer costs for the nation, and prorating them on the basis of estimated new cancer cases for 2008, cancer costs RI about \$933 million per year, including: \$379 million in direct medical costs, \$77 million in lost productivity due to illness, and \$477 million in lost productivity due to premature death. (ACS)

Common Cancers

Latest American Cancer Society Estimate of Counts – 2008

According to American Cancer Society estimates of the number of cancers to be diagnosed in Rhode Island during calendar year 2008, the five most common are cancers of the prostate, lung & bronchus, female breast, colon & rectum, and urinary bladder. Together, these cancers represent **54 percent** – about half – of all cancers (6,120) to be diagnosed in the state during 2008. Four of the five most common cancers (cancers of the lung & bronchus, colon & rectum, female breast, and prostate) are also among the top five causes of cancer deaths, accounting for **51 percent** – about half – of all cancer deaths (2,310) projected for Rhode Island in 2008.

Newly Diagnosed Cases of Cancer – 6,120

Prostate	650
Lung & Bronchus	880
Female Breast	770
Colon & Rectum	650
Urinary Bladder	370
Melanoma of the Skin	310
Non-Hodgkin Lymphoma	250
Corpus Uteri	200
Leukemia	170

Deaths Attributable to Cancer – 2,310

Lung & Bronchus	600
Colon & Rectum	190
Female Breast	140
Pancreas	130
Prostate	120
Leukemia	90
Liver	60
Non-Hodgkin Lymphoma	50
Ovary	60
Brain / Cent. Nervous Sys	60

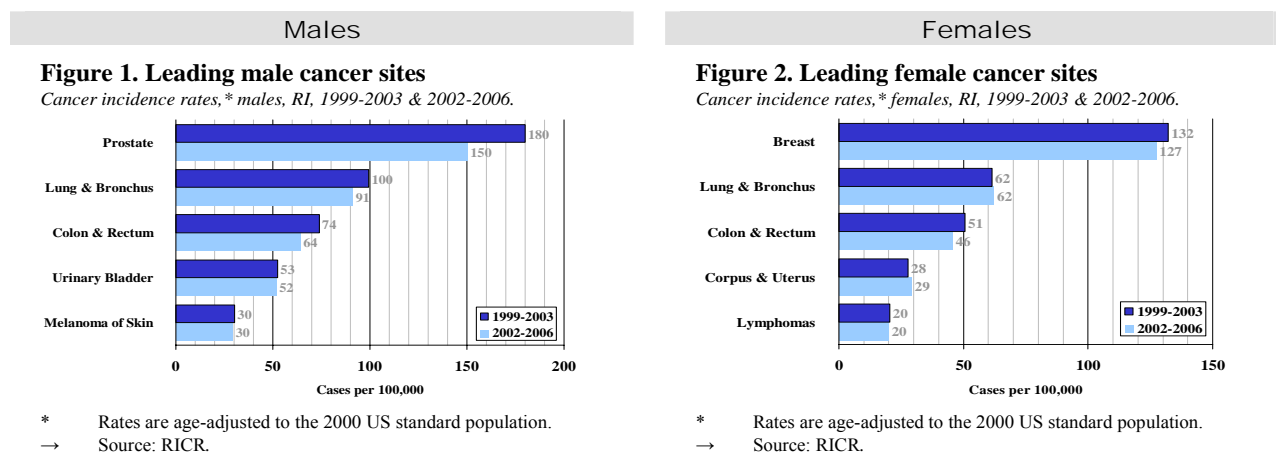
Source: ACS; NB: Leading causes vary by gender.

Recent Experience

Recent observations of cancer incidence and mortality in Rhode Island – age-adjusted to assure comparability with other jurisdictions in the United States, and averaged over five years to avoid random, year-to-year fluctuations – are quite consistent with the latest American Cancer Society estimates. The rankings of incidence and mortality rates by cause vary because case fatality – the proportion of cases to deaths from a specific cause – varies from cancer to cancer. Thus, the incidence of cancer of the prostate greatly exceeds the incidence of cancers of the lung & bronchus among Rhode Island men, while mortality from cancers of the lung & bronchus greatly exceeds mortality from cancer of the prostate; the rankings of the cancers is switched. There is a similar switch in rankings for cancers of the female breast and cancers of the lung & bronchus among Rhode Island women.

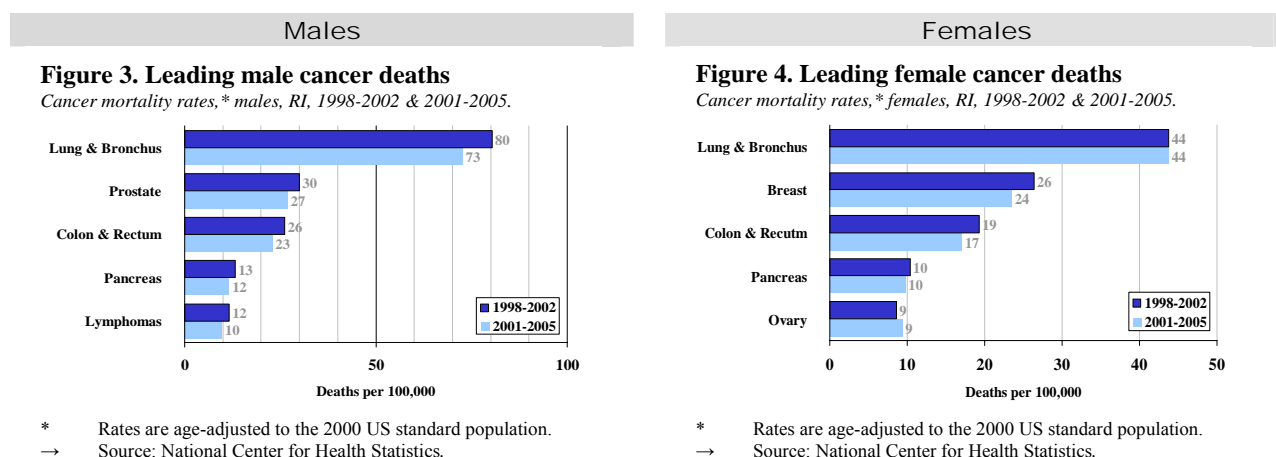
Rhode Island men have experienced recent declines in the incidence of three major cancers (prostate, lung & bronchus, and colon & rectum), while Rhode Island women have experienced recent declines in the incidence of two (breast and colon & rectum).

Common Cancers – Age-Adjusted Incidence Rates



Among Rhode Island men, mortality from all leading cancers has declined recently. Among women in the State, mortality from cancers of the breast and colon-rectum has declined.

Common Cancers – Age-Adjusted Mortality Rates



Long-Term Cancer Trends

All Cancers Combined

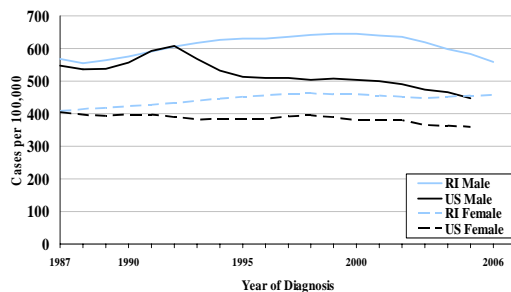
Since 1987, male cancer incidence has increased, then decreased. Rhode Island's male incidence trend paralleled the nation's between 1987 and 1992. After that point, U.S. rates plunged while Rhode Island rates climbed, creating a considerable differential. A similar, but more gradual phenomenon occurred among women. Rhode Island and the nation have had gradual but opposite trends, causing a differential to emerge and grow since 1987. Incidence trends for both men and women have been influenced in part by the timing of screening interventions since 1987, including mammography to detect breast cancer, the PSA test to detect prostate cancer, and endoscopy to detect cancers of the colon & rectum.

Since 1987, cancer mortality has decreased for men and women throughout the nation, including Rhode Island. The decline has been more pronounced for men than women. Historically, Rhode Island has experienced higher cancer mortality than the U.S. as a whole, but trends for the state and the nation have gradually converged over time.

Age-Adjusted Incidence Rates

Figure 5. Cancer incidence rates by year

Annual invasive all-cancer incidence rates* by gender, RI and US.

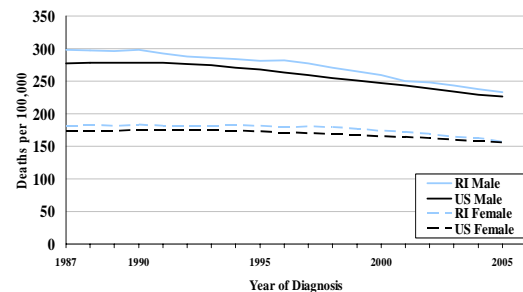


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 6. Cancer mortality rates by year

Annual all-cancer mortality rates* by gender, RI and US.



* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

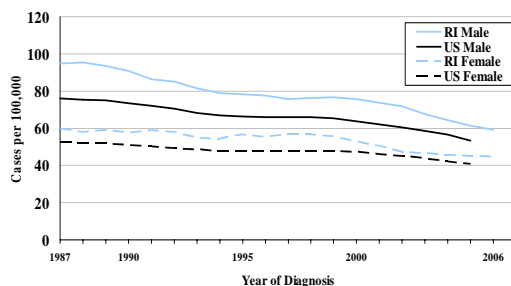
Common Cancers

Cancer of the Colon and Rectum

Age-Adjusted Incidence Rates

Figure 7. Cancer incidence: Colon & Rectum

Annual invasive incidence rates* by gender, RI and US.

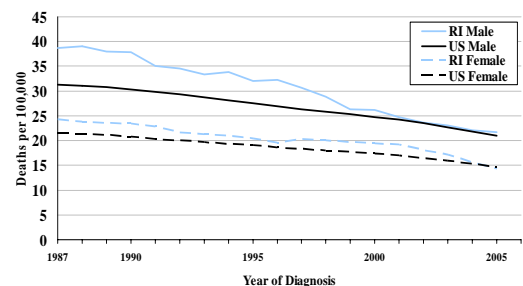


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 8. Cancer mortality: Colon & Rectum

Annual mortality rates* by gender, RI and US.



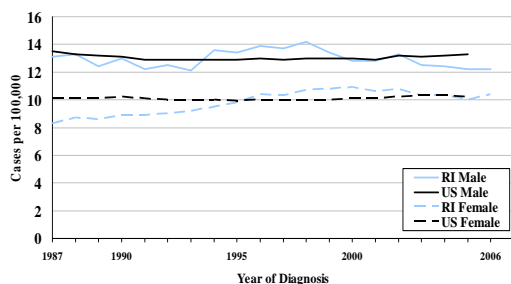
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Cancer of the Pancreas

Age-Adjusted Incidence Rates

Figure 9. Cancer incidence: Pancreas

Annual invasive incidence rates* by gender, RI and US.

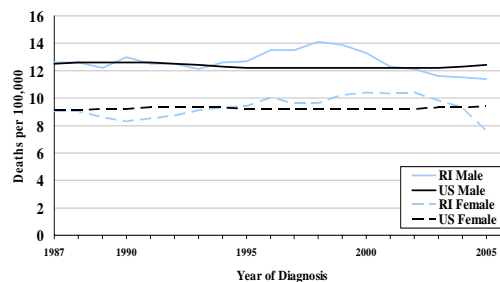


* Rates are age-adjusted to the 2000 US standard population.
→ Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 10. Cancer mortality: Pancreas

Annual mortality rates* by gender, RI and US.



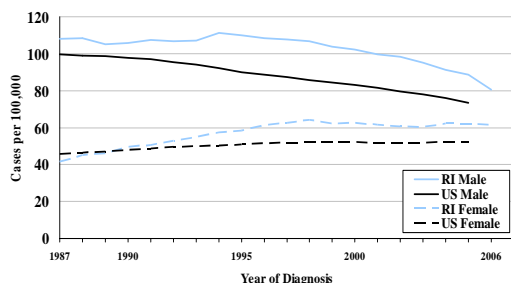
* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Cancer of the Lung and Bronchus

Age-Adjusted Incidence Rates

Figure 11. Cancer incidence: Lung & Bronchus

Annual invasive incidence rates* by gender, RI and US.

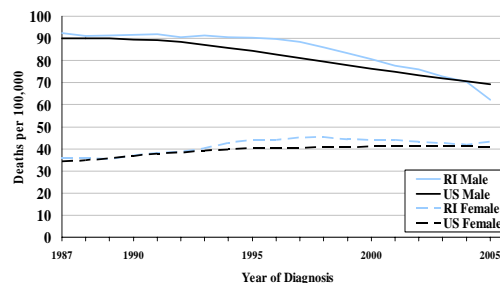


* Rates are age-adjusted to the 2000 US standard population.
→ Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 12. Cancer mortality: Lung & Bronchus

Annual mortality rates* by gender, RI and US.



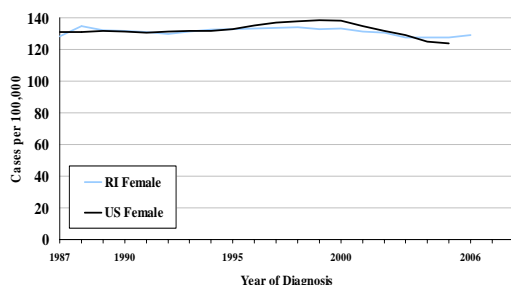
* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Cancer of the Female Breast

Age-Adjusted Incidence Rates

Figure 13. Cancer incidence: Female Breast

Annual invasive incidence rates,* RI and US.

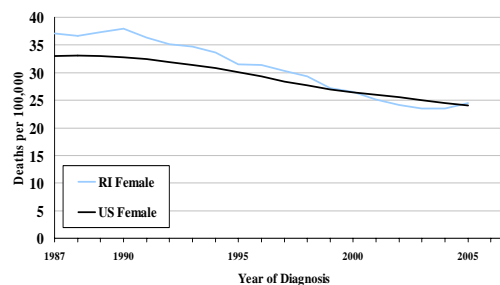


* Rates are age-adjusted to the 2000 US standard population.
→ Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 14. Cancer mortality: Female Breast

Annual mortality rates,* RI and US.



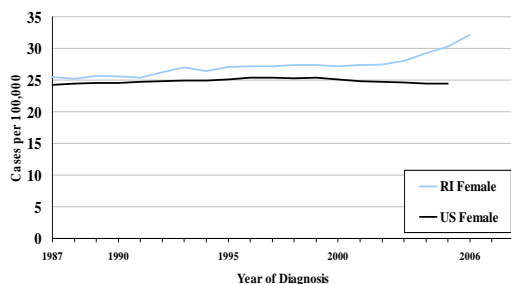
* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Cancer of the Corpus Uteri

Age-Adjusted Incidence Rates

Figure 15. Cancer incidence: Corpus Uteri

Annual invasive incidence rates, * RI and US.

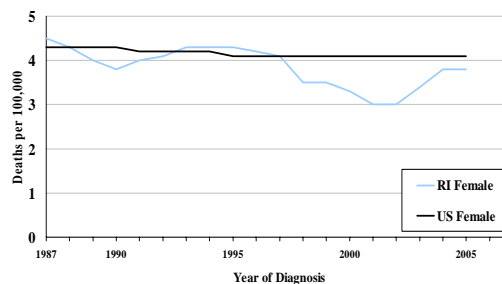


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 16. Cancer mortality: Corpus Uteri

Annual mortality rates, * RI and US.



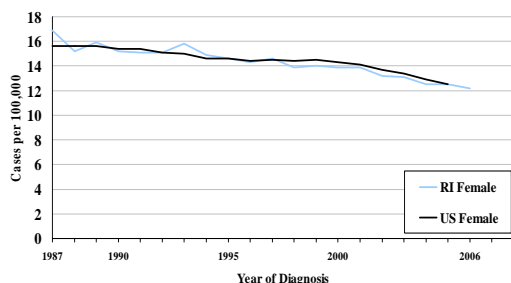
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Cancer of the Ovary

Age-Adjusted Incidence Rates

Figure 17. Cancer incidence: Ovary

Annual invasive incidence rates, * RI and US.

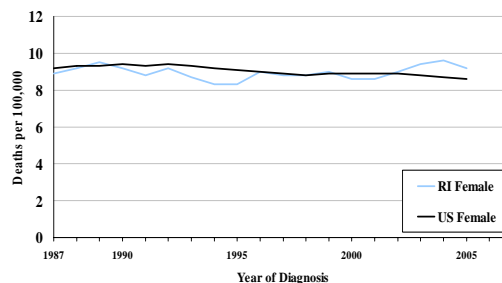


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 18. Cancer mortality: Ovary

Annual mortality rates, * RI and US.



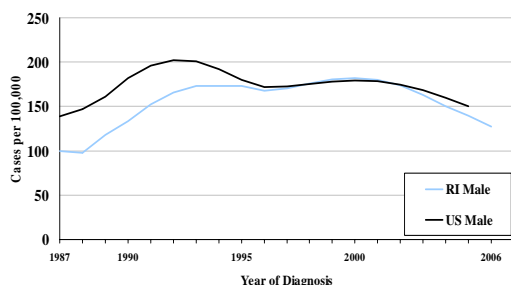
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Cancer of the Prostate

Age-Adjusted Incidence Rates

Figure 19. Cancer incidence: Prostate

Annual invasive incidence rates, * RI and US.

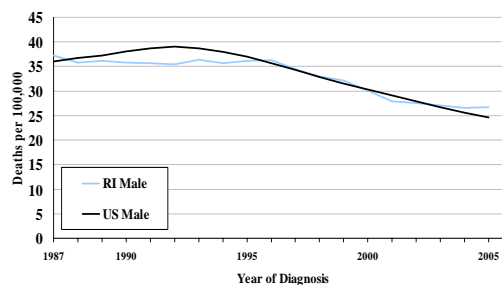


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 20. Cancer mortality: Prostate

Annual mortality rates, * RI and US.



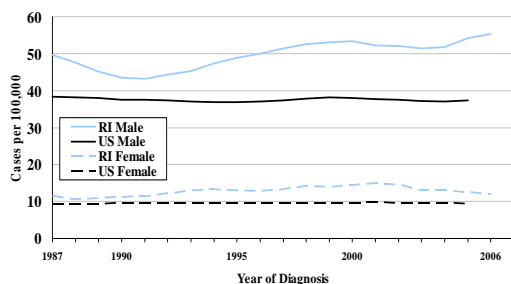
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Cancer of the Urinary Bladder

Age-Adjusted Incidence Rates

Figure 21. Cancer incidence: Urinary Bladder

Annual incidence rates* by gender, RI and US.

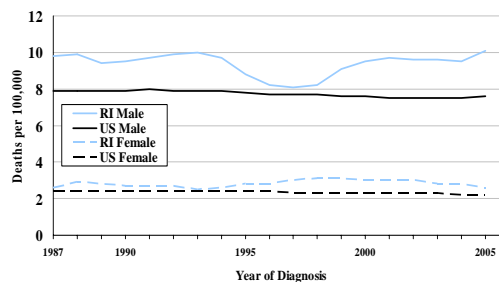


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 22. Cancer mortality: Urinary Bladder

Annual mortality rates* by gender, RI and US.



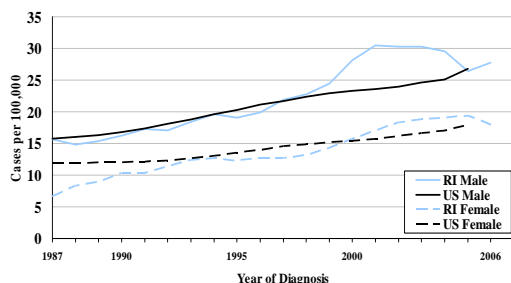
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Melanoma of Skin

Age-Adjusted Incidence Rates

Figure 23. Cancer incidence: Melanoma of Skin

Annual invasive incidence rates* by gender, RI and US.

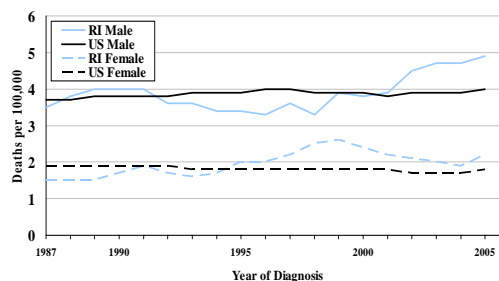


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 24. Cancer mortality: Melanoma of Skin

Annual mortality rates* by gender, RI and US.



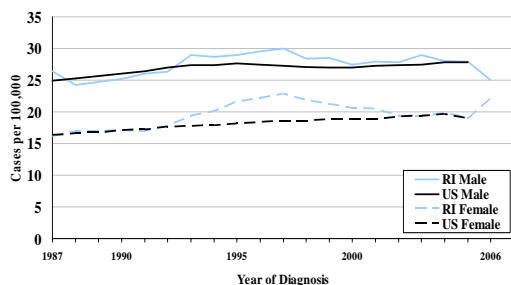
* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Lymphomas

Age-Adjusted Incidence Rates

Figure 25. Cancer incidence: Lymphomas

Annual invasive incidence rates* by gender, RI and US.

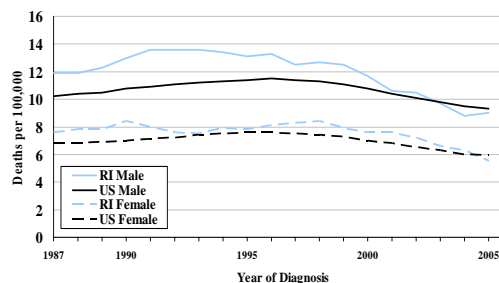


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 26. Cancer mortality: Lymphomas

Annual mortality rates* by gender, RI and US.



* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

Current Cancer Disparities

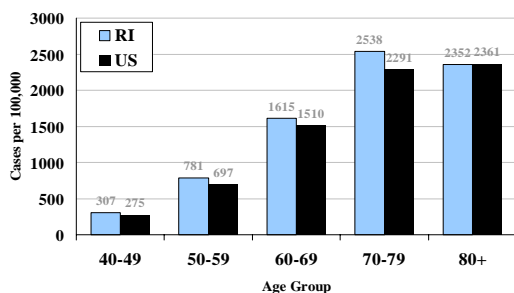
Age Disparities

Cancer differentials by age are expected. Although some cancers are more common among children, the incidence of most cancers increases with age. With a population that is both growing and aging, even if cancer rates remain stable, the number of people diagnosed with cancer is expected to increase. Careful consideration must be taken when comparing populations with different age distributions. Age-adjustment of rates eliminates the effect of different age distributions across populations.

Age-Specific Incidence Rates

Figure 27. Cancer incidence by Age

Invasive all-cancer incidence rates, RI (2002-06) and US (2001-05).

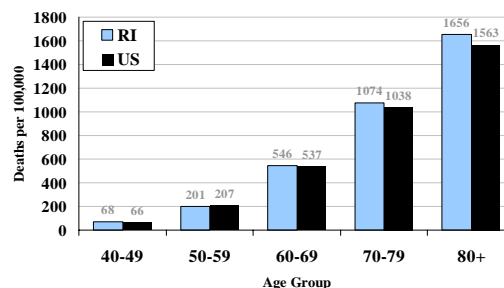


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Specific Mortality Rates

Figure 28. Cancer mortality by Age

All-cancer mortality rates, RI and US (2001-05).



* Rates are age-adjusted to the 2000 US standard population.
 → Source: NCI/SEER Program.

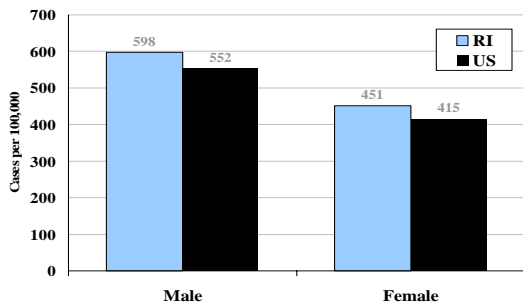
Gender Disparities

Differentials in cancer rates by gender are expected. They can be related to internal factors that differ between males and females, such as reproductive systems, or to external factors, such as historical lifestyle differences (i.e., occupational exposures to carcinogens, historical trends in smoking). In both Rhode Island and the national as a whole, the burden of cancer is higher among men than women. This disparity is largely attributable to cancers of the colon-rectum, lung-bronchus, and urinary bladder.

Age-Adjusted Incidence Rates

Figure 29. Cancer incidence by gender

Invasive all-cancer incidence rates, * RI (2002-06) and US (2001-05).

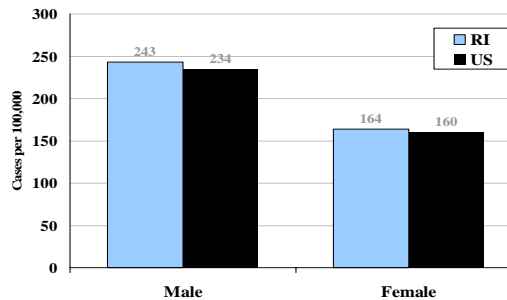


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 30. Cancer mortality by gender

All-cancer mortality rates, * RI and US, 2001-05.



* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Racial Disparities

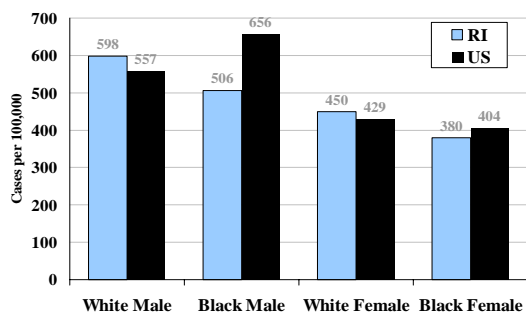
Summary – All Cancers Combined

In recent years, cancer incidence has been lower among African American women than white women in Rhode Island, paralleling the nation's experience. In contrast to the nation, however, cancer mortality is also slightly lower among African American women than white women in Rhode Island. The comparison between the cancer rates of African American men and white men is more complex. Relative to white men, African American men experience lower cancer incidence but higher cancer mortality in Rhode Island, creating a stark contrast in the ratio of new cases to deaths. In the U.S. overall, cancer incidence and mortality are both higher among African American men than white men. Thus the ratio of cases to deaths is not as dissimilar between groups.

Age-Adjusted Incidence Rates

Figure 31. Cancer incidence by race and gender

Invasive all-cancer incidence rates, RI (2002-06) and US (2001-05).

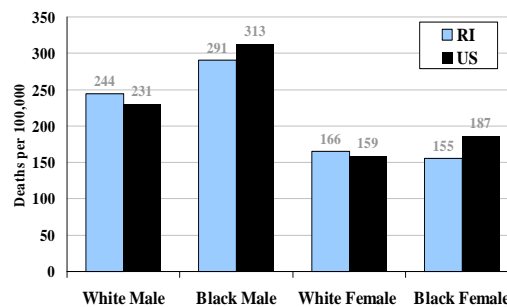


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 32. Cancer mortality by race and gender

*All-cancer mortality rates, * RI and US, 2001-05.*



* Rates are age-adjusted to the 2000 US standard population.
 → Source: National Center for Health Statistics.

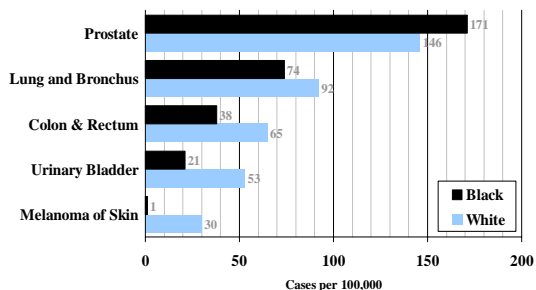
Detail – Common Cancers – Age-Adjusted Incidence Rates

With the exception of prostate cancer, incidence rates for major cancers in Rhode Island are lower among African Americans than whites. Prostate cancer incidence is higher among African American men than white men in Rhode Island, paralleling national experience.

Males

Figure 33. Leading male cancers by race

*Cancer incidence rates, * RI, 2002-2006.*

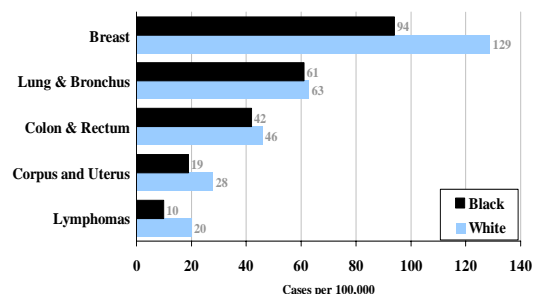


* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR.

Females

Figure 34. Leading female cancers by race

*Cancer incidence rates, * RI, 2002-2006.*



* Rates are age-adjusted to the 2000 US standard population.
 → Source: RICR.

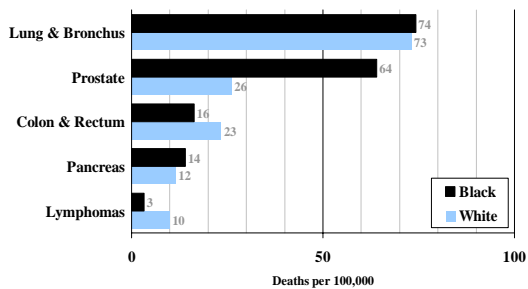
Detail – Common Cancers – Age-Adjusted Mortality Rates

Of late, African Americans and whites in Rhode Island have had similar cancer mortality profiles, with one notable exception: African American men have much higher prostate cancer mortality than white men. The latter disparity is reflective of national as well as local experience.

Males

Figure 35. Leading male cancer deaths by race

Cancer mortality rates,* RI, 2001-2005.

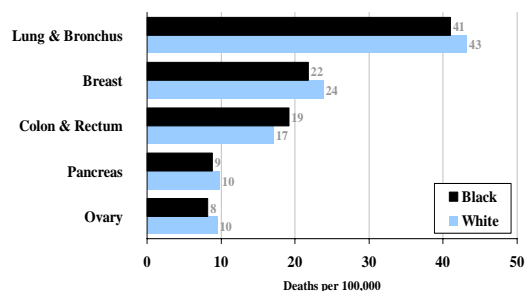


* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Females

Figure 36. Leading female cancer deaths by race

Cancer mortality rates,* RI, 2001-2005.



* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Ethnic Disparities

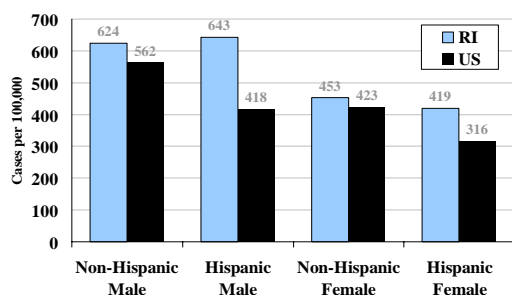
All-cancer incidence rates are similar among Hispanics and non-Hispanics in Rhode Island. Incidence rates are higher in Rhode Island than the nation as a whole, for both groups.* In Rhode Island, as in the nation overall, cancer mortality is lower among Hispanics than non-Hispanics, even after controlling for age differences between the two groups, possibly because ethnicity is under-reported on death certificates.

* Note: Hispanic cancer incidence rates for Rhode Island and the nation, both, have been corrected for the under-identification of ethnicity in cancer case reports, using well-tested methodology developed by the North American Association of Central Cancer Registries. (NAACCR)

Age-Adjusted Incidence Rates

Figure 37. Cancer incidence by ethnicity and gender

Invasive all-cancer incidence rates, RI and US, 2001-05.

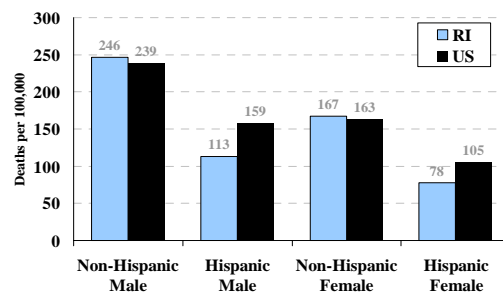


* Rates are age-adjusted to the 2000 US standard population.
→ Source: RICR; NCI/SEER Program.

Age-Adjusted Mortality Rates

Figure 38. Cancer mortality by ethnicity and gender

All-cancer mortality rates,* RI and US, 2001-05.



* Rates are age-adjusted to the 2000 US standard population.
→ Source: National Center for Health Statistics.

Survivorship

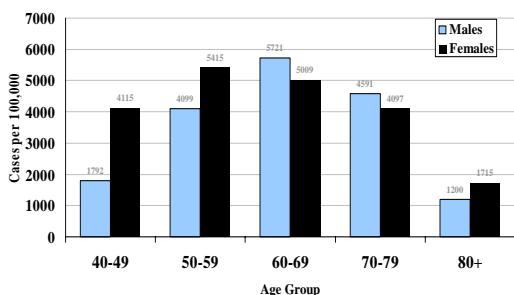
Over 43,000 Rhode Islanders are estimated to be cancer survivors at present, about 4% of the total population. Fifty-five percent of them are women; 45% are men. Two-thirds are between the ages of 50 and 79, although a full 20% of the women have not reached the age of 50.

Of 43,000 (estimated) cancer survivors in Rhode Island, more than one-fourth (27%) have at least one type of disability as defined by the federal government (either sensory, or physical, or mental, or self-care). Of all survivors with disabilities, 47% are men, 53% women. A majority (58%) have reached the age of 65.

Age-Specific Prevalence Rates

Figure 39. Cancer Prevalence by Age and Gender

All-cancer prevalence estimates, RI, 1 July 2005.

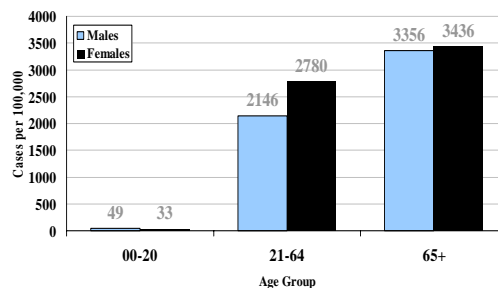


→ Source: RICR; NCI/SEER Program.

Age-Specific Prevalence Rates

Figure 40. Cancer Survivors with Disabilities

All-cancer prevalence (with disabilities) estimates, RI, 1 July 2005.



→ Source: RICR; NCI/SEER Program.

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**Total Cancer Cases and Average Annual Age-Adjusted Cancer Incidence Rates*
Rhode Island, 2002-2006, All Races**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Sites	15,253	597.8	4.9	14,924	451.2	3.8
Oral Cavity and Pharynx	397	15.2	0.8	173	5.5	0.4
Lip	13	0.5	0.1	5	0.1	0.1
Tongue	120	4.6	0.4	51	1.7	0.2
Salivary Gland	35	1.4	0.2	23	0.7	0.2
Floor of Mouth	29	1.1	0.2	14	0.5	0.1
Gum and Other Mouth	44	1.7	0.3	32	1.0	0.2
Nasopharynx	20	0.7	0.2	9	0.3	0.1
Oropharynx	22	0.8	0.2	14	0.4	0.1
Hypopharynx	48	1.9	0.3	7	0.2	0.1
Digestive System	3,059	119.8	2.2	2,741	76.5	1.5
Esophagus	293	11.4	0.7	89	2.4	0.3
Stomach	314	12.3	0.7	192	5.3	0.4
Small Intestine	66	2.6	0.3	82	2.5	0.3
Colon and Rectum	1,634	64.3	1.6	1,655	45.6	1.2
Colon excluding Rectum	1,112	44.0	1.3	1,244	33.7	1.0
Rectum and Rectosigmoid Junction	522	20.3	0.9	411	11.8	0.6
Anus, Anal Canal and Anorectum	33	1.2	0.2	46	1.4	0.2
Liver	266	10.2	0.6	73	2.1	0.2
Intrahepatic Bile Duct	20	0.8	0.2	43	1.2	0.2
Gallbladder	20	0.8	0.2	57	1.7	0.2
Pancreas	317	12.4	0.7	367	10.3	0.6
Respiratory System	2,601	103.3	2.0	2,162	64.9	1.4
Larynx	224	8.6	0.6	54	1.6	0.2
Lung and Bronchus	2,291	91.3	1.9	2,068	62.1	1.4
Bones and Joints	25	0.9	0.2	25	0.9	0.2
Soft Tissue including Heart	105	4.0	0.4	94	3.0	0.3
Skin excluding Basal and Squamous	824	32.1	1.1	642	20.4	0.8
Melanoma of the Skin	758	29.5	1.1	594	19.1	0.8
Breast	34	1.3	0.2	4,072	127.4	2.0
Female Genital System	NA	NA	NA	1,722	53.9	1.3
Cervix Uteri	NA	NA	NA	223	7.7	0.5
Corpus and Uterus, NOS	NA	NA	NA	937	29.2	1.0
Ovary	NA	NA	NA	407	12.5	0.6
Male Genital System	4,016	157.4	2.5	NA	NA	NA
Prostate	3,831	150.2	2.5	NA	NA	NA
Testis	143	5.5	0.5	NA	NA	NA
Penis	39	1.6	0.3	NA	NA	NA
Urinary System	1,917	75.2	1.7	854	25.1	0.9
Urinary Bladder	1,315	51.8	1.4	456	12.9	0.6
Kidney and Renal Pelvis	555	21.5	0.9	381	11.7	0.6
Ureter	29	1.2	0.2	11	0.3	0.1
Eye and Orbit	33	1.3	0.2	29	0.9	0.2
Brain and Other Nervous System	243	9.3	0.6	192	6.0	0.4
Brain	233	8.9	0.6	176	5.5	0.4
Endocrine System	202	7.7	0.5	534	18.5	0.8
Thyroid	179	6.8	0.5	517	17.9	0.8
Lymphoma	726	28.0	1.0	662	19.8	0.8
Hodgkin Lymphoma	101	3.8	0.4	77	2.5	0.3
Non-Hodgkin Lymphoma	625	24.3	1.0	585	17.3	0.7
Myeloma	155	6.1	0.5	158	4.5	0.4
Leukemia	427	17.0	0.8	353	10.6	0.6
Acute Lymphocytic Leukemia	50	2.0	0.3	32	1.3	0.2
Chronic Lymphocytic Leukemia	125	4.9	0.4	94	2.6	0.3
Acute Myeloid Leukemia	124	5.0	0.4	120	3.7	0.3
Acute Monocytic Leukemia	16	0.6	0.2	7	0.2	0.1
Chronic Myeloid Leukemia	71	2.8	0.3	64	1.9	0.2
Miscellaneous	489	19.2	0.9	511	13.4	0.6

* Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population.
~ Statistic could not be calculated.

Total Cancer Cases and Average Annual Age-Adjusted Cancer Incidence Rates* Rhode Island, 2002-2006, Whites

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Sites	14,420	598.1	5.0	14,044	450.1	3.9
Oral Cavity and Pharynx	365	14.9	0.8	156	5.3	0.4
Lip	12	0.5	0.1	5	0.1	0.1
Tongue	114	4.7	0.4	48	1.7	0.2
Salivary Gland	34	1.4	0.2	21	0.7	0.2
Floor of Mouth	26	1.1	0.2	13	0.4	0.1
Gum and Other Mouth	40	1.7	0.3	27	0.8	0.2
Nasopharynx	17	0.7	0.2	7	0.3	0.1
Oropharynx	21	0.9	0.2	12	0.4	0.1
Hypopharynx	45	1.8	0.3	7	0.2	0.1
Digestive System	2,897	119.7	2.2	2,605	76.1	1.6
Esophagus	282	11.6	0.7	83	2.3	0.3
Stomach	295	12.1	0.7	178	5.1	0.4
Small Intestine	62	2.6	0.3	78	2.5	0.3
Colon and Rectum	1,571	65.2	1.7	1,588	45.9	1.2
Colon excluding Rectum	1,075	44.8	1.4	1,191	33.8	1.0
Rectum and Rectosigmoid Junction	496	20.5	0.9	397	12.1	0.6
Anus, Anal Canal and Anorectum	32	1.3	0.2	43	1.4	0.2
Liver	232	9.5	0.6	66	1.9	0.2
Intrahepatic Bile Duct	19	0.8	0.2	40	1.2	0.2
Gallbladder	17	0.7	0.2	53	1.6	0.2
Pancreas	300	12.4	0.7	349	10.2	0.6
Respiratory System	2,498	104.5	2.1	2,076	65.6	1.5
Larynx	216	8.8	0.6	52	1.7	0.2
Lung and Bronchus	2,198	92.2	2.0	1,986	62.8	1.4
Bones and Joints	22	0.9	0.2	23	0.9	0.2
Soft Tissue including Heart	100	4.1	0.4	87	3.0	0.3
Skin excluding Basal and Squamous	778	32.3	1.2	604	20.6	0.9
Melanoma of the Skin	719	29.8	1.1	560	19.3	0.8
Breast	31	1.3	0.2	3,860	128.7	2.1
Female Genital System	NA	NA	NA	1,529	50.9	1.3
Cervix Uteri	NA	NA	NA	186	7.0	0.5
Corpus and Uterus, NOS	NA	NA	NA	829	27.5	1.0
Ovary	NA	NA	NA	378	12.3	0.7
Male Genital System	3,718	154.2	2.6	NA	NA	NA
Prostate	3,539	146.4	2.5	NA	NA	NA
Testis	140	6.1	0.5	NA	NA	NA
Penis	36	1.5	0.3	NA	NA	NA
Urinary System	1,845	76.4	1.8	823	25.6	0.9
Urinary Bladder	1,274	52.8	1.5	441	13.1	0.7
Kidney and Renal Pelvis	526	21.7	1.0	365	11.9	0.6
Ureter	27	1.1	0.2	11	0.3	0.1
Eye and Orbit	33	1.4	0.2	28	1.0	0.2
Brain and Other Nervous System	235	9.7	0.6	181	6.0	0.5
Brain	226	9.3	0.6	165	5.5	0.4
Endocrine System	194	8.0	0.6	483	18.3	0.8
Thyroid	171	7.0	0.5	467	17.7	0.8
Lymphoma	691	28.5	1.1	634	20.1	0.8
Hodgkin Lymphoma	96	3.9	0.4	72	2.6	0.3
Non-Hodgkin Lymphoma	595	24.6	1.0	562	17.5	0.8
Myeloma	143	5.9	0.5	144	4.3	0.4
Leukemia	406	17.2	0.9	333	10.7	0.6
Acute Lymphocytic Leukemia	49	2.2	0.3	29	1.3	0.3
Chronic Lymphocytic Leukemia	115	4.7	0.4	90	2.6	0.3
Acute Myeloid Leukemia	121	5.1	0.5	114	3.8	0.4
Acute Monocytic Leukemia	16	0.7	0.2	7	0.2	0.1
Chronic Myeloid Leukemia	65	2.7	0.3	57	1.8	0.2
Miscellaneous	464	19.1	0.9	478	13.1	0.6

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

~ Statistic could not be calculated.

Total Cancer Cases and Average Annual Age-Adjusted Cancer Incidence Rates* Rhode Island, 2002-2006, Blacks

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Sites	463	505.7	25.4	454	379.5	18.5
Oral Cavity and Pharynx	18	18.5	4.6	9	7.5	2.6
Lip	0	0.0	~	0	0.0	~
Tongue	2	1.8	1.3	0	0.0	~
Salivary Gland	1	0.7	0.7	1	0.6	0.6
Floor of Mouth	2	1.8	1.3	1	0.6	0.6
Gum and Other Mouth	3	2.8	1.8	4	3.2	1.6
Nasopharynx	0	0.0	~	0	0.0	~
Oropharynx	1	1.3	1.3	2	2.0	1.4
Hypopharynx	2	2.0	1.4	0	0.0	~
Digestive System	95	102.0	11.3	91	80.8	8.7
Esophagus	5	8.4	3.8	4	3.6	1.8
Stomach	15	17.9	5.0	10	9.6	3.1
Small Intestine	2	1.7	1.2	3	2.7	1.6
Colon and Rectum	37	38.4	6.8	47	41.9	6.3
Colon excluding Rectum	22	24.5	5.5	37	33.3	5.6
Rectum and Rectosigmoid Junction	15	13.9	3.9	10	8.6	2.8
Anus, Anal Canal and Anorectum	1	0.7	0.7	3	1.8	1.1
Liver	17	15.1	3.9	4	3.7	1.8
Intrahepatic Bile Duct	0	0.0	~	2	2.1	1.5
Gallbladder	2	2.5	1.9	2	1.7	1.3
Pancreas	11	12.6	4.0	12	10.5	3.1
Respiratory System	69	83.8	10.7	70	62.9	7.7
Larynx	8	8.9	3.3	1	0.7	0.7
Lung and Bronchus	60	74.1	10.2	67	60.7	7.6
Bones and Joints	2	0.8	0.6	1	0.4	0.4
Soft Tissue including Heart	3	2.1	1.4	5	3.3	1.5
Skin excluding Basal and Squamous	6	4.8	2.2	6	5.4	2.3
Melanoma of the Skin	1	0.6	0.6	3	2.7	1.6
Breast	3	2.9	1.8	117	93.8	9.0
Female Genital System	NA	NA	NA	55	43.4	6.1
Cervix Uteri	NA	NA	NA	17	12.0	3.0
Corpus and Uterus, NOS	NA	NA	NA	21	18.9	4.2
Ovary	NA	NA	NA	13	10.2	3.0
Male Genital System	156	172.8	14.7	NA	NA	NA
Prostate	153	170.6	14.6	NA	NA	NA
Testis	2	1.2	0.8	NA	NA	NA
Penis	1	1.1	1.1	NA	NA	NA
Urinary System	43	45.0	7.5	21	18.7	4.2
Urinary Bladder	20	21.1	5.2	7	7.5	2.9
Kidney and Renal Pelvis	22	22.4	5.2	14	11.2	3.1
Ureter	1	1.5	1.5	0	0.0	~
Eye and Orbit	0	0.0	~	0	0.0	~
Brain and Other Nervous System	6	5.1	2.6	6	3.3	1.4
Brain	5	4.3	2.5	6	3.3	1.4
Endocrine System	5	4.2	2.1	23	15.6	3.3
Thyroid	5	4.2	2.1	22	14.8	3.2
Lymphoma	23	18.1	4.2	14	10.1	2.8
Hodgkin Lymphoma	2	1.2	0.9	3	1.9	1.1
Non-Hodgkin Lymphoma	21	16.9	4.1	11	8.2	2.6
Myeloma	7	9.5	3.8	10	9.1	3.0
Leukemia	13	14.8	4.5	11	9.9	3.1
Acute Lymphocytic Leukemia	1	1.5	1.5	2	1.3	1.0
Chronic Lymphocytic Leukemia	4	4.9	2.6	1	1.1	1.1
Acute Myeloid Leukemia	2	2.0	1.5	3	2.7	1.6
Acute Monocytic Leukemia	0	0.0	~	0	0.0	~
Chronic Myeloid Leukemia	5	6.0	3.0	5	4.9	2.2
Miscellaneous	14	21.2	6.0	15	15.3	4.0

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

~ Statistic could not be calculated.

**Total Cancer Cases and Average Annual Age-Adjusted Cancer Incidence Rates*
Rhode Island, 2002-2006, All Races, by County**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Sites (Whole State)	15,026	589.1	4.8	14,783	446.7	3.8
Colon and Rectum	1,623	63.9	1.6	1,644	45.3	1.2
Lung and Bronchus	2,281	90.9	1.9	2,048	61.4	1.4
Melanoma of the Skin	748	29.1	1.1	589	18.9	0.8
Female Breast	NA	NA	NA	4,044	126.5	2.0
Corpus and Uterus, NOS	NA	NA	NA	930	29.0	1.0
Prostate	3,731	146.4	2.4	NA	NA	NA
Urinary Bladder	1,292	50.9	1.4	447	12.6	0.6
Lymphoma	718	27.7	1.0	653	19.5	0.8
All Sites (Bristol County)	715	512.3	19.3	748	427.6	16.2
Colon and Rectum	85	61.1	6.7	76	40.2	4.8
Lung and Bronchus	101	71.9	7.2	87	47.0	5.2
Melanoma of the Skin	49	35.4	5.1	26	15.4	3.1
Female Breast	NA	NA	NA	243	144.4	9.5
Corpus and Uterus, NOS	NA	NA	NA	53	30.9	4.4
Prostate	153	108.4	8.8	NA	NA	NA
Urinary Bladder	60	43.0	5.6	21	10.9	2.4
Lymphoma	37	27.0	4.5	34	18.3	3.3
All Sites (Kent County)	2,625	607.2	12.0	2,567	459.3	9.3
Colon and Rectum	289	66.8	4.0	320	54.2	3.1
Lung and Bronchus	400	93.8	4.7	372	65.1	3.4
Melanoma of the Skin	147	33.9	2.8	92	17.5	1.9
Female Breast	NA	NA	NA	699	127.8	4.9
Corpus and Uterus, NOS	NA	NA	NA	153	27.4	2.3
Prostate	666	152.9	6.0	NA	NA	NA
Urinary Bladder	211	49.4	3.4	98	16.5	1.7
Lymphoma	133	30.5	2.7	106	19.0	1.9
All Sites (Newport County)	1,276	563.7	15.9	1,271	466.7	13.4
Colon and Rectum	148	65.3	5.4	110	36.5	3.6
Lung and Bronchus	158	71.1	5.7	202	71.1	5.1
Melanoma of the Skin	74	32.3	3.8	74	28.5	3.4
Female Breast	NA	NA	NA	351	130.8	7.1
Corpus and Uterus, NOS	NA	NA	NA	72	26.3	3.2
Prostate	362	157.3	8.4	NA	NA	NA
Urinary Bladder	113	50.4	4.8	35	12.2	2.1
Lymphoma	53	23.3	3.2	44	17.2	2.7
All Sites (Providence County)	8,483	590.9	6.5	8,494	442.8	5.0
Colon and Rectum	917	64.1	2.1	968	45.3	1.5
Lung and Bronchus	1,398	99.2	2.7	1,161	61.0	1.8
Melanoma of the Skin	337	23.0	1.3	292	16.1	1.0
Female Breast	NA	NA	NA	2,244	122.0	2.6
Corpus and Uterus, NOS	NA	NA	NA	532	29.1	1.3
Prostate	1,984	140.3	3.2	NA	NA	NA
Urinary Bladder	728	50.7	1.9	256	12.3	0.8
Lymphoma	418	28.4	1.4	409	21.0	1.1
All Sites (Washington County)	1,926	611.6	14.1	1,703	447.6	11.1
Colon and Rectum	184	59.2	4.4	170	42.1	3.3
Lung and Bronchus	224	72.5	4.9	226	59.3	4.0
Melanoma of the Skin	141	45.3	3.9	105	29.0	2.9
Female Breast	NA	NA	NA	507	135.0	6.1
Corpus and Uterus, NOS	NA	NA	NA	120	31.4	2.9
Prostate	565	175.1	7.5	NA	NA	NA
Urinary Bladder	180	57.8	4.4	37	9.3	1.6
Lymphoma	77	24.7	2.9	60	15.1	2.0

* Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population.
~ Statistic could not be calculated.

**Total Cancer Deaths and Average Annual Age-Adjusted Cancer Mortality Rates*
Rhode Island, 2001-2005, All Races**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Malignant Cancers	5,960	243.3	3.2	5,878	164.4	2.2
Oral Cavity and Pharynx	84	3.4	0.4	46	1.4	0.2
Lip	0	0.0	~	2	0.0	0.0
Tongue	21	0.9	0.2	7	0.2	0.1
Salivary Gland	4	0.2	0.1	2	0.1	0.0
Floor of Mouth	2	0.1	0.1	3	0.1	0.1
Gum and Other Mouth	12	0.5	0.1	8	0.2	0.1
Nasopharynx	8	0.3	0.1	2	0.0	0.0
Oropharynx	4	0.2	0.1	7	0.2	0.1
Hypopharynx	7	0.3	0.1	1	0.0	0.0
Digestive System	1,521	61.7	1.6	1,445	38.5	1.0
Esophagus	218	8.7	0.6	87	2.4	0.3
Stomach	201	8.2	0.6	146	3.8	0.3
Small Intestine	13	0.5	0.1	13	0.4	0.1
Colon and Rectum	559	23.0	1.0	650	17.1	0.7
Colon excluding Rectum	455	18.7	0.9	560	14.6	0.6
Rectum and Rectosigmoid Junction	104	4.2	0.4	90	2.4	0.3
Anus, Anal Canal and Anorectum	1	0.0	0.0	2	0.1	0.0
Liver and Intrahepatic Bile Duct	182	7.2	0.5	105	2.9	0.3
Liver	153	6.0	0.5	64	1.7	0.2
Intrahepatic Bile Duct	29	1.2	0.2	41	1.1	0.2
Gallbladder	12	0.5	0.1	30	0.8	0.2
Pancreas	287	11.6	0.7	360	9.8	0.5
Respiratory System	1,866	75.6	1.8	1,499	43.6	1.1
Larynx	59	2.4	0.3	22	0.7	0.1
Lung and Bronchus	1,796	72.8	1.7	1,470	42.7	1.1
Bones and Joints	9	0.4	0.1	8	0.2	0.1
Soft Tissue including Heart	35	1.4	0.2	51	1.6	0.2
Skin excluding Basal and Squamous Melanoma of the Skin	151	6.2	0.5	92	2.6	0.3
Melanoma of the Skin	117	4.7	0.4	70	2.0	0.2
Breast	10	0.4	0.1	820	23.5	0.8
Female Genital System	NA	NA	NA	534	15.5	0.7
Cervix Uteri	NA	NA	NA	58	1.8	0.2
Corpus and Uterus, NOS	NA	NA	NA	123	3.4	0.3
Ovary	NA	NA	NA	318	9.4	0.5
Male Genital System	647	27.6	1.1	NA	NA	NA
Prostate	632	27.0	1.1	NA	NA	NA
Testis	7	0.3	0.1	NA	NA	NA
Penis	7	0.3	0.1	NA	NA	NA
Urinary System	403	16.7	0.8	236	6.3	0.4
Urinary Bladder	227	9.6	0.6	111	2.8	0.3
Kidney and Renal Pelvis	169	6.8	0.5	118	3.3	0.3
Ureter	4	0.2	0.1	4	0.1	0.0
Eye and Orbit	1	0.0	0.0	0	0.0	~
Brain and Other Nervous System	166	6.5	0.5	119	3.7	0.3
Endocrine System	20	0.8	0.2	25	0.7	0.2
Thyroid	10	0.4	0.1	13	0.3	0.1
Lymphoma	240	9.7	0.6	252	6.6	0.4
Hodgkin Lymphoma	12	0.5	0.1	13	0.4	0.1
Non-Hodgkin Lymphoma	228	9.3	0.6	239	6.2	0.4
Myeloma	104	4.3	0.4	104	2.8	0.3
Leukemia	218	8.8	0.6	209	5.7	0.4
Acute Lymphocytic Leukemia	14	0.5	0.1	5	0.2	0.1
Chronic Lymphocytic Leukemia	40	1.7	0.3	41	1.0	0.2
Acute Myeloid Leukemia	92	3.7	0.4	93	2.7	0.3
Acute Monocytic Leukemia	0	0.0	~	0	0.0	~
Chronic Myeloid Leukemia	17	0.7	0.2	12	0.3	0.1
Miscellaneous Malignant Cancer	485	19.9	0.9	438	11.7	0.6

* Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population.
~ Statistic could not be calculated.

**Total Cancer Deaths and Average Annual Age-Adjusted Cancer Mortality Rates*
Rhode Island, 2001-2005, Whites**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Malignant Cancers	5,700	244.2	3.2	5,661	165.6	2.3
Oral Cavity and Pharynx	79	3.3	0.4	43	1.3	0.2
Lip	0	0.0	~	2	0.0	0.0
Tongue	20	0.9	0.2	7	0.2	0.1
Salivary Gland	4	0.2	0.1	2	0.1	0.0
Floor of Mouth	2	0.1	0.1	3	0.1	0.1
Gum and Other Mouth	12	0.5	0.1	8	0.2	0.1
Nasopharynx	7	0.3	0.1	2	0.0	0.0
Oropharynx	3	0.1	0.1	7	0.2	0.1
Hypopharynx	6	0.3	0.1	1	0.0	0.0
Digestive System	1,450	61.8	1.6	1,386	38.4	1.1
Esophagus	211	8.9	0.6	84	2.4	0.3
Stomach	192	8.2	0.6	134	3.5	0.3
Small Intestine	13	0.6	0.2	13	0.4	0.1
Colon and Rectum	543	23.4	1.0	626	17.1	0.7
Colon excluding Rectum	444	19.1	0.9	538	14.5	0.6
Rectum and Rectosigmoid Junction	99	4.2	0.4	88	2.5	0.3
Anus, Anal Canal and Anorectum	1	0.0	0.0	2	0.1	0.0
Liver and Intrahepatic Bile Duct	162	6.8	0.5	101	2.9	0.3
Liver	135	5.6	0.5	60	1.7	0.2
Intrahepatic Bile Duct	27	1.2	0.2	41	1.2	0.2
Gallbladder	11	0.5	0.1	30	0.8	0.2
Pancreas	273	11.6	0.7	348	9.8	0.5
Respiratory System	1,787	76.1	1.8	1,444	44.1	1.2
Larynx	56	2.4	0.3	20	0.6	0.1
Lung and Bronchus	1,720	73.2	1.8	1,418	43.2	1.2
Bones and Joints	9	0.4	0.1	8	0.3	0.1
Soft Tissue including Heart	32	1.3	0.2	49	1.6	0.2
Skin excluding Basal and Squamous Melanoma of the Skin	150	6.4	0.5	92	2.8	0.3
Melanoma of the Skin	116	4.9	0.5	70	2.2	0.3
Breast	9	0.4	0.1	792	23.8	0.9
Female Genital System	NA	NA	NA	511	15.6	0.7
Cervix Uteri	NA	NA	NA	53	1.8	0.3
Corpus and Uterus, NOS	NA	NA	NA	118	3.4	0.3
Ovary	NA	NA	NA	307	9.5	0.6
Male Genital System	607	26.9	1.1	NA	NA	NA
Prostate	592	26.2	1.1	NA	NA	NA
Testis	7	0.3	0.1	NA	NA	NA
Penis	7	0.3	0.1	NA	NA	NA
Urinary System	395	17.1	0.9	230	6.3	0.4
Urinary Bladder	225	9.9	0.7	110	2.9	0.3
Kidney and Renal Pelvis	164	7.0	0.5	113	3.3	0.3
Ureter	3	0.1	0.1	4	0.1	0.1
Eye and Orbit	1	0.0	0.0	0	0.0	~
Brain and Other Nervous System	164	6.8	0.5	115	3.8	0.4
Endocrine System	20	0.9	0.2	24	0.7	0.2
Thyroid	10	0.4	0.1	12	0.3	0.1
Lymphoma	235	10.0	0.7	249	6.8	0.4
Hodgkin Lymphoma	12	0.5	0.1	12	0.4	0.1
Non-Hodgkin Lymphoma	223	9.5	0.6	237	6.4	0.4
Myeloma	95	4.1	0.4	99	2.8	0.3
Leukemia	205	8.8	0.6	202	5.8	0.4
Acute Lymphocytic Leukemia	11	0.5	0.1	4	0.2	0.1
Chronic Lymphocytic Leukemia	40	1.7	0.3	40	1.0	0.2
Acute Myeloid Leukemia	89	3.8	0.4	90	2.8	0.3
Acute Monocytic Leukemia	0	0.0	~	0	0.0	~
Chronic Myeloid Leukemia	14	0.6	0.2	12	0.3	0.1
Miscellaneous Malignant Cancer	462	19.9	0.9	417	11.6	0.6

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

~ Statistic could not be calculated.

**Total Cancer Deaths and Average Annual Age-Adjusted Cancer Mortality Rates*
Rhode Island, 2001-2005, Blacks**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Malignant Cancers	210	290.5	21.7	161	155.1	12.6
Oral Cavity and Pharynx	1	1.4	1.4	2	1.8	1.3
Lip	0	0.0	~	0	0.0	~
Tongue	0	0.0	~	0	0.0	~
Salivary Gland	0	0.0	~	0	0.0	~
Floor of Mouth	0	0.0	~	0	0.0	~
Gum and Other Mouth	0	0.0	~	0	0.0	~
Nasopharynx	0	0.0	~	0	0.0	~
Oropharynx	1	1.4	1.4	0	0.0	~
Hypopharynx	0	0.0	~	0	0.0	~
Digestive System	57	72.4	10.3	42	41.1	6.5
Esophagus	5	5.9	2.7	3	2.8	1.7
Stomach	7	12.6	4.9	9	8.8	3.0
Small Intestine	0	0.0	~	0	0.0	~
Colon and Rectum	13	16.3	4.8	20	19.2	4.5
Colon excluding Rectum	9	12.7	4.4	19	17.8	4.2
Rectum and Rectosigmoid Junction	4	3.6	1.9	1	1.4	1.4
Anus, Anal Canal and Anorectum	0	0.0	~	0	0.0	~
Liver and Intrahepatic Bile Duct	18	20.4	5.4	1	1.4	1.4
Liver	16	18.3	5.1	1	1.4	1.4
Intrahepatic Bile Duct	2	2.2	1.6	0	0.0	~
Gallbladder	0	0.0	~	0	0.0	~
Pancreas	12	14.0	4.2	9	8.8	3.0
Respiratory System	61	77.8	10.6	44	42.9	6.6
Larynx	3	3.4	2.2	1	1.0	1.0
Lung and Bronchus	58	74.3	10.3	42	41.0	6.4
Bones and Joints	0	0.0	~	0	0.0	~
Soft Tissue including Heart	3	3.2	1.9	2	1.8	1.3
Skin excluding Basal and Squamous Melanoma of the Skin	1	1.7	1.7	0	0.0	~
Breast	1	1.4	1.4	24	21.8	4.6
Female Genital System	NA	NA	NA	16	15.2	3.9
Cervix Uteri	NA	NA	NA	2	1.7	1.2
Corpus and Uterus, NOS	NA	NA	NA	4	4.6	2.3
Ovary	NA	NA	NA	9	8.2	2.8
Male Genital System	35	64.0	11.3	NA	NA	NA
Prostate	35	64.0	11.3	NA	NA	NA
Testis	0	0.0	~	NA	NA	NA
Penis	0	0.0	~	NA	NA	NA
Urinary System	5	5.8	2.7	5	4.9	2.2
Urinary Bladder	1	1.1	1.1	1	0.8	0.8
Kidney and Renal Pelvis	4	4.7	2.4	4	4.0	2.1
Ureter	0	0.0	~	0	0.0	~
Eye and Orbit	0	0.0	~	0	0.0	~
Brain and Other Nervous System	2	1.6	1.2	2	2.0	1.5
Endocrine System	0	0.0	~	1	0.9	0.9
Thyroid	0	0.0	~	1	0.9	0.9
Lymphoma	4	3.3	1.7	2	1.2	0.9
Hodgkin Lymphoma	0	0.0	~	1	0.6	0.6
Non-Hodgkin Lymphoma	4	3.3	1.7	1	0.6	0.6
Myeloma	8	13.5	5.3	3	3.2	1.9
Leukemia	11	14.4	4.9	4	4.5	2.3
Acute Lymphocytic Leukemia	2	1.8	1.5	0	0.0	~
Chronic Lymphocytic Leukemia	0	0.0	~	1	0.8	0.8
Acute Myeloid Leukemia	3	4.0	2.4	2	2.6	1.9
Acute Monocytic Leukemia	0	0.0	~	0	0.0	~
Chronic Myeloid Leukemia	3	3.3	2.0	0	0.0	~
Miscellaneous Malignant Cancer	21	29.9	7.1	14	13.8	3.8

* Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population.
~ Statistic could not be calculated.

**Total Cancer Deaths and Average Annual Age-Adjusted Cancer Mortality Rates*
Rhode Island, 2001-2005, All Races, by County**

	Male Count	Male Rate	Male SE	Female Count	Female Rate	Female SE
All Malignant Cancers (Whole State)	5,991	244.7	3.2	5,989	167.6	2.2
Lung and Bronchus	1,858	75.6	1.8	1,479	43.1	1.1
Prostate	632	26.7	1.1	NA	NA	NA
Female Breast	NA	NA	NA	834	24.0	0.9
Colon and Rectum	566	23.3	1.0	683	17.9	0.7
Pancreas	295	11.9	0.7	384	10.3	0.5
Lymphoma	256	10.4	0.7	272	7.1	0.4
Ovary	NA	NA	NA	304	9.0	0.5
All Malignant Cancers (Bristol County)	331	242.8	13.5	309	159.7	9.3
Lung and Bronchus	81	59.4	6.6	63	33.1	4.3
Prostate	35	25.8	4.4	NA	NA	NA
Female Breast	NA	NA	NA	42	23.4	3.7
Colon and Rectum	37	27.4	4.6	38	19.2	3.2
Pancreas	24	17.9	3.7	24	11.9	2.5
Lymphoma	10	6.7	2.1	11	5.4	1.7
Ovary	NA	NA	NA	17	9.6	2.4
All Malignant Cancers (Kent County)	1,054	256.1	8.0	1,054	177.6	5.6
Lung and Bronchus	324	77.2	4.3	296	50.8	3.0
Prostate	121	31.4	2.9	NA	NA	NA
Female Breast	NA	NA	NA	157	27.2	2.2
Colon and Rectum	90	21.7	2.3	102	16.0	1.6
Pancreas	48	11.2	1.6	60	9.8	1.3
Lymphoma	40	9.5	1.5	51	8.1	1.2
Ovary	NA	NA	NA	46	8.0	1.2
All Malignant Cancers (Newport County)	487	229.6	10.5	533	181.8	8.1
Lung and Bronchus	125	57.7	5.2	132	46.0	4.1
Prostate	61	30.6	3.9	NA	NA	NA
Female Breast	NA	NA	NA	75	26.3	3.1
Colon and Rectum	55	25.7	3.5	67	21.6	2.7
Pancreas	23	10.9	2.3	30	10.3	1.9
Lymphoma	26	12.3	2.4	20	6.6	1.5
Ovary	NA	NA	NA	27	9.9	1.9
All Malignant Cancers (Providence County)	3,484	249.3	4.2	3,511	166.9	2.9
Lung and Bronchus	1,130	81.0	2.4	830	41.6	1.5
Prostate	348	25.3	1.4	NA	NA	NA
Female Breast	NA	NA	NA	483	23.5	1.1
Colon and Rectum	334	24.1	1.3	417	18.3	0.9
Pancreas	163	11.7	0.9	227	10.3	0.7
Lymphoma	154	11.0	0.9	169	7.5	0.6
Ovary	NA	NA	NA	180	9.0	0.7
All Malignant Cancers (Washington County)	635	219.2	8.8	582	150.7	6.3
Lung and Bronchus	198	67.5	4.8	158	42.4	3.4
Prostate	67	24.7	3.0	NA	NA	NA
Female Breast	NA	NA	NA	77	20.5	2.4
Colon and Rectum	50	17.5	2.5	59	14.7	1.9
Pancreas	37	12.6	2.1	43	10.7	1.7
Lymphoma	26	8.7	1.7	21	4.9	1.1
Ovary	NA	NA	NA	34	9.3	1.6

* Rates are per 100,000 population and are age-adjusted to the 2000 U.S. Standard Population.
~ Statistic could not be calculated.