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North American Association of
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North American
Association of Central
Cancer Registries, Inc.

Seattle / Puget Sound

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Cancer in North America: 2012-2016

Volume Four: Cancer Survival in the United States and Canada 2009-2015

EXECUTIVE SUMMARY

Members of the North American Association of Central Cancer Registries, Inc. (NAACCR) participate voluntarily in an annual call for data to develop a multi-registry, aggregated data resource for cancer surveillance and research. In May of 2019, NAACCR released this four volume monograph, *Cancer in North America (CiNA): 2012-2016*. This release of cancer incidence statistics for the United States is the 29th publication in the series and the 27th release that includes statistics for both Canada and the United States (U.S.)

This year's publication includes cancer incidence data for all 50 U.S. states, the District of Columbia, Puerto Rico, and for 11 Canadian provinces and territories. We also report data by 5 regions: California (excluding the Greater Bay area and Los Angeles), and 4 SEER urban registries (Detroit, Los Angeles, San Francisco-Oakland, and Seattle). CiNA includes registry-specific data on stage at diagnosis, survival and delay adjusted estimates of counts and age-adjusted rates for selected cancers. These delay adjustment figures provide a projection of the likely volume of tardy reports of cancer for the time period and is recommended for use in assessing current cancer incidence trends.

Volume One presents the aggregated cancer incidence data, including pediatric cancer and cancer by stage at diagnosis, representing North America including data from the high quality registries in the United States and Canada. Age-adjusted cancer incidence rates for the Canadian and United States populations are provided standardized to the 2000 US, 2011 Canadian, and the world population standards. Combined U.S. and Canadian data are presented by race and for Hispanic/Latino ethnicity in Volume One. Volume Two contains registry-specific cancer incidence rates by cancer site, sex, race, ethnicity and stage for all NAACCR members submitting data for inclusion in the monograph. Volume Three presents the registry-specific cancer death rates by cancer site, sex, race, and ethnicity. Volume Four provides cancer survival data for the U.S. and Canada from 59 registries on more than 9 million cases diagnosed among North Americans between 2009 and 2015. All four volumes are available free of charge from the NAACCR website, along with population data, supporting appendices, and cancer rates age-adjusted to the US, Canadian and World population standards. Note that this publication utilizes population estimates that are based upon the United States 2010 and Canada 2011 censuses.

In addition to publication of cancer statistics for the most recent five-year period, the CiNA data resource is used to create the NAACCR FastStats (graphic and tables by cancer sites, race/sex, race/ethnicity, age at diagnosis, sex, registry, and data type) and NAACCR Cancer Maps for public queries regarding cancer incidence for the most recent five years. The CiNA data are also used to develop the *CiNA Public Use* dataset, a limited-data set freely available to the public, and a discretionary research data set (*CiNA Deluxe*), including data from 1995 to 2016, to facilitate analytic studies conducted by epidemiologists and other qualified researchers. The data within this report are also available as an electronic reproduction of all cancer statistics reported in the CiNA monograph in SEER*Stat software for approved uses by NAACCR members. These preeminent cancer data resources are unparalleled in geographic scope, timeliness of statistics, and assurance of standardization of information and data quality across all contributors, with standard data quality metrics reported for all contributors. Additional information about CiNA Research Data can be found on-line: <https://www.naacr.org/cina-data-products-overview/>.

We hope that *Cancer in North America: 2012-2016*, with the companion CiNA products and resources, facilitate studies of cancer burden, so that we are better able to identify and understand appropriate and important measures to control the myriad diseases within the cancer rubric. The cancer surveillance infrastructure in the U.S. and Canada has been orchestrated to meet these objectives.

This publication is made possible by the continuing efforts of the NAACCR member registries. High quality standardized cancer incidence data aggregated across the states, provinces, territories, and regions in North America is made possible by the dedication of our members to cancer surveillance.

The Editors would like to acknowledge the fine work and support of the National Cancer Institute, the National Center for Health Statistics and Statistics Canada for their assistance in developing this publication.

The Editors
May 2019

CANCER IN NORTH AMERICA: 2012-2016

VOLUME FOUR: CANCER SURVIVAL IN THE UNITED STATES AND CANADA 2009-2015

**A Publication of the North American Association of Central Cancer Registries, Inc.
(NAACCR)**

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TABLE OF CONTENTS

SECTION I: Introduction and Technical Notes	I-1
--	------------

SECTION II: Five Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2009-2015, United States, Canada and North America

All Sites	II-1
Oral Cavity & Pharynx	II-2
Esophagus.....	II-3
Stomach	II-4
Colon & Rectum.....	II-5
Liver & Intrahepatic Bile Duct	II-6
Pancreas.....	II-7
Larynx	II-8
Lung & Bronchus	II-9
Melanoma of the Skin.....	II-10
Breast, Female	II-11
Cervix Uteri	II-12
Corpus & Uterus, NOS.....	II-13
Ovary	II-14
Prostate	II-15
Testis	II-16
Urinary Bladder	II-17
Kidney & Renal Pelvis	II-18
Brain & Other Nervous System, Invasive.....	II-19
Brain & Other Nervous System, Non-Invasive	II-20
Thyroid	II-21
Hodgkin Lymphoma.....	II-22
Non-Hodgkin Lymphoma.....	II-23
Myeloma.....	II-24
Leukemias.....	II-25
Mesothelioma	II-26

SECTION III: Five Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2009-2015, by Registry and Race

All Races

All Sites	III-1
All Sites (Standardized).....	III-2
Oral Cavity & Pharynx	III-3
Esophagus.....	III-4
Stomach	III-5
Colon & Rectum.....	III-6
Liver & Intrahepatic Bile Duct	III-7
Pancreas.....	III-8
Larynx	III-9
Lung & Bronchus	III-10
Melanoma of the Skin.....	III-11
Breast, Female	III-12
Cervix Uteri	III-13
Corpus & Uterus, NOS.....	III-14
Ovary	III-15
Prostate	III-16
Testis	III-17
Urinary Bladder	III-18
Kidney & Renal Pelvis	III-19
Brain & Other Nervous System, Invasive.....	III-20
Brain & Other Nervous System, Non-Invasive	III-21
Thyroid	III-22
Hodgkin Lymphoma.....	III-23
Non-Hodgkin Lymphoma.....	III-24
Myeloma.....	III-25
Leukemias.....	III-26
Mesothelioma	III-27

White

All Sites	III-27
All Sites (Standardized)	III-28
Oral Cavity & Pharynx	III-29
Esophagus	III-30
Stomach	III-31
Colon & Rectum	III-32
Liver & Intrahepatic Bile Duct	III-33
Pancreas	III-34
Larynx	III-35
Lung & Bronchus	III-36
Melanoma of the Skin	III-37
Breast, Female	III-38
Cervix Uteri	III-39
Corpus & Uterus, NOS	III-40
Ovary	III-41
Prostate	III-42
Testis	III-43
Urinary Bladder	III-44
Kidney & Renal Pelvis	III-45
Brain & Other Nervous System, Invasive	III-46
Brain & Other Nervous System, Non-Invasive	III-47
Thyroid	III-48
Hodgkin Lymphoma	III-49
Non-Hodgkin Lymphoma	III-50
Myeloma	III-51
Leukemias	III-52
Mesothelioma	III-53

Black

All Sites	III-53
All Sites (Standardized)	III-54
Oral Cavity & Pharynx	III-55
Esophagus	III-56
Stomach	III-57
Colon & Rectum	III-58
Liver & Intrahepatic Bile Duct	III-59
Pancreas	III-60
Larynx	III-61
Lung & Bronchus	III-62
Melanoma of the Skin	III-63
Breast, Female	III-64
Cervix Uteri	III-65
Corpus & Uterus, NOS	III-66
Ovary	III-67
Prostate	III-68
Testis	III-69
Urinary Bladder	III-70
Kidney & Renal Pelvis	III-71
Brain & Other Nervous System, Invasive	III-72
Brain & Other Nervous System, Non-Invasive	III-73
Thyroid	III-74
Hodgkin Lymphoma	III-75
Non-Hodgkin Lymphoma	III-76
Myeloma	III-77
Leukemias	III-78
Mesothelioma	III-79



Section I

Introduction and Technical Notes



NAACCR Cancer in North America (CiNA) Survival Introduction and Technical Notes

CiNA Volume Four: Cancer Survival in the United States and Canada 2009-2015 includes data from 59 registries on more than 9 million cases diagnosed among North Americans between 2009 and 2015.

Volume Four is comprised of two data sections:

Section two includes counts, relative survival ratios and confidence intervals for the United States, Canada and North America combined. These statistics are presented for all races by sex and select cancer sites. The tables for each cancer site present statistics by a total, stage and specific age groups for each region. In the United States combined, survival statistics by white and black race are also presented.

Section three includes counts, relative survival ratios and confidence intervals by registry, sex and select cancer sites. Survival statistics are available for the United States and Canadian registries by all races and for the United States registries by white and black race.

Special thanks go to Steve Scoppa and Rick Firth, Information Management Services, Inc., who prepared the analytic dataset used for this report; Chris Johnson, Cancer Data Registry of Idaho, and Reda Wilson, U.S. Centers for Disease Control and Prevention, who reviewed preliminary results; and all of the registry staff who contributed data.

Cancer in North America: Survival

INTRODUCTION

The North American Association of Central Cancer Registries (NAACCR) has been producing Cancer in North America (CiNA) incidence and mortality publications for over 27 years. Along with incidence and mortality data, information on population-based cancer survival is necessary to understand the burden of cancer. NAACCR has produced the CiNA Survival Volume since March 2016 to provide cancer survival estimates on a wider population than was previously available.

TECHNICAL NOTES

Registry Inclusion. For registries to be included in *CiNA Survival* volume, they needed to: (1) provide consent, (2) meet CiNA incidence criteria for all relevant years, and (3) either meet the SEER standards for follow-up¹ or ascertain deaths through the study cutoff date (December 31, 2015). For the November 2018 Call for Data, the publication of survival estimates in CiNA was included as a Primary Use of Data.

To meet the SEER standard for follow-up, a minimum of 90% of patients needed to have follow-up dates on or after January 1, 2016, or be deceased. These follow-up dates could have been the result of either passive or active patient follow-up mechanisms.² We used the November 2018 Call for Data file to measure the follow-up rate and the vital status follow-up activities form that is part of the annual call for data to learn what registries performed to ascertain deaths. For U.S. registries that did not meet the SEER standard for follow-up, it was necessary to conduct state death linkages and linkage with the National Death Index. For Canadian registries, it was necessary to conduct death linkages within the province or territory. National death clearance in Canada is on hold pending legal agreements among the provinces and Statistics Canada, which impacts follow-up for 2009 and later. However, because the number of deaths that occur out of province is a small proportion of total deaths, we believe that Canadian survival data are negligibly influenced by the lack of national death linkage.

The *CiNA Survival* publication includes diagnosis years 2009-2015 with follow-up through the end of 2015. Using information from the NAACCR Call for Data Follow-Up Activities Forms, follow-up through 2015 was deemed to be the best balance between including the most current data and including the most registries. In terms of national coverage, *CiNA Survival* includes data from 9 of 13 Canadian provinces/territories and 45 of 51 states/District of Columbia. National population coverage by *CiNA Survival* is about 92% for the United States and 38% for Canada. The NAACCR U.S. combined and NAACCR Canadian combined statistics may not be representative of the total national populations. NAACCR North American survival statistics are a combination of U.S. and Canadian data. Data from 59 state, sub-state, and provincial or territorial registries are included in the registry-specific tables. To avoid double counting, data from sub-state registries in California, Michigan and Washington were not included in the NAACCR U.S. combined or NAACCR North American statistics. The sub-state registries in California, Michigan and Washington were included in the registry-specific statistics.

Statistical Methods. Relative survival is a measure of excess mortality experienced by cancer patients. It is calculated by dividing the observed survival from all causes of death for the patient cohort by the expected survival in a comparable group not diagnosed with cancer as estimated by life tables. Relative survival is based on the assumption of independent competing causes of death. It is a theoretical population-based measure representing cancer survival in the absence of other causes of death. Relative survival is useful as a policy statistic for comparing over time or between different geographic areas.

For *CiNA Survival*, we included malignant cases per the SEER behavior recode for analysis³ aged 15-99 at diagnosis during 2009-2015 with follow-up/death ascertainment through the study cutoff date of December 31, 2015.^a New this year is the inclusion of survival statistics for the category of brain and other nervous system cases with benign/borderline behavior. Cases reported solely via death certificates or autopsy were excluded. For registries conducting active follow-up, alive cases with no survival time were excluded from analysis. Using SEER 2007 Multiple Primary and Histology Coding Rules,⁴ we allowed for multiple primary cancers to be included for each patient, but only one record per patient was included in each survival estimate. For example, if a person had three primary tumors during the period 2009-2015, in the order of breast → colon → breast, then the first breast cancer case was used for breast cancer survival, the colon case was used for colon cancer survival, and the first breast cancer case was used for “all sites.” If a person had more than one tumor in a primary site category, but different stage, the first in each stage group was used in the stage-specific survival calculations. Likewise, if a person had more than one tumor in a primary site category, but different age group at diagnosis, the first in each age group was used in the age-specific survival calculations. Thus, the sum of the cases in the age-specific analyses exceeds the “all ages” count, and the sum of the cases in the stage-specific analyses exceeds the “all stages” count.

SEER*Stat (version 8.3.5) was used to perform the survival calculations.⁵ Staff at Information Management Services, Inc. (Calverton, MD) prepared a SEER*Stat database for the purpose of calculating *CiNA Survival* statistics.⁶ The survival duration in months was calculated based on complete dates. For registries meeting SEER follow-up standards (SEER registries plus Montana and Wyoming), the survival duration for alive patients was calculated through the date of last contact (or study cutoff, if earlier). For the remaining registries, survival duration for alive patients was calculated through December 31, 2015, with all patients not known to be dead presumed to be alive on this date.

Survival calculations were performed using the actuarial method on monthly intervals, and 60-month age-standardized relative survival ratios (RSR) are reported in the results. We calculated relative survival using the Ederer II method to compute expected survival.⁷ The Ederer II method calculates the expected survival rates for patients under observation at each point of follow-up so the matched individuals are considered to be at risk until the corresponding cancer patient dies or is censored. Expected survival was estimated from life tables matched to the cancer patients by age, sex, year, and geographic area, and for the United States, also by race/ethnicity and socioeconomic status (SES).⁸ For Canada, official Statistics Canada life tables were used for all provinces and territories except Northwest Territories and Prince Edward Island. Because unabridged life tables were not available for these jurisdictions from Statistics Canada, modeled life tables from CONCORD-2 were utilized instead.⁹ U.S. life tables included SES, while the Canadian life tables did not. It is not known what impact the different approaches to life table construction has on comparisons between U.S. and Canadian relative survival estimates. Cases were censored at an achieved age of 100 years.

Because the excess mortality due to cancer is often age dependent, relative survival estimates were age standardized using the International Cancer Survival Standards (ICSS) and age groups 15-44, 45-54, 55-64, 65-74, and 75+ (see Table 1, Weights used in SEER*Stat using the Five Default Age Groups).¹⁰ There are three ICSS age standards, depending on cancer site: (1) standard 1 for sites that have increasing incidence with age, (2) standard 2 for sites that have relatively consistent incidence by age, and (3) standard 3 for sites with higher incidence among younger adults. We used ICSS age standard 1 for “All Sites” combined, breast, colon & rectum, corpus & uterus, esophagus, kidney & renal pelvis, larynx, leukemia, liver & intrahepatic bile duct, lung & bronchus, mesothelioma, myeloma, non-Hodgkin lymphoma, oral cavity & pharynx, ovary, pancreas, prostate,

^a For the SEER Behavior Recode for Analysis, the term “malignant” means the case had a behavior code of 3 (malignant) in both ICD-O-2 and ICD-O-3. *In situ* urinary bladder cases are included with malignant cases for cancer incidence reporting and are treated thusly in this report.

stomach, and urinary bladder. For prostate cancer, relative survival estimates were age standardized using the ICSS age standard 1 and age groups 15-54, 55-64, 65-74, 75-84, and 85+ with weights: 19, 23, 29, 23, and 6, respectively. We used ICSS age standard 2 for brain and other nervous system, cervix uteri, melanoma of the skin, and thyroid; and ICSS age standard 3 for Hodgkin lymphoma and testis. Survival statistics were not calculated if the number of cases was fewer than 10. If the number of cases was between 10 and 49, age standardization was not performed, and unstandardized RSRs were calculated (these are footnoted in the tables). If the number of cases was 50 or more, age-standardized RSRs were calculated unless: (1) there were no cases in one or more of the age groups, or a constituent age-specific RSR could not be calculated; (2) the width of the confidence interval for the age-standardized estimate was > 40 percentage points; or (3) the standard error of the age-standardized estimate was $\geq 10\%$. In those instances, unstandardized RSRs were used instead. Estimates of unstandardized RSRs were suppressed if the width of the confidence interval for the RSR was > 40 percentage points or the standard error for a RSR was $\geq 10\%$. If the last patient involved in a survival calculation is censored alive prior to 60 months, the RSR at 60 months is not defined.

Table 1. ICSS Weights used in SEER*Stat using the Five Default Age Groups

Age Standard for Survival (15-44, 45-54, 55-64, 65-74, 75+)	Population Weights		
	ICSS 1	ICSS 2	ICSS 3
15-44 years	7	28	60
45-54 years	12	17	10
55-64 years	23	21	10
65-74 years	29	20	10
75+ years	29	14	10

RSRs can be more than 100% when the observed survival is higher than the expected survival (e.g., for localized stage prostate cancer). In these situations, RSRs were capped at 100%. If the RSR is greater than or equal to 100%, no confidence intervals are shown. If the RSR is less than 100%, but rounds to 100.0% in the tables (one decimal point), confidence intervals are shown. Cumulative relative survival can exceed the survival in the previous time interval when the observed survival decreases more slowly than the expected survival. In these situations, RSRs and standard errors were imputed using the values from the previous time interval. For 0% RSR, the standard error is not defined and the confidence interval is not calculable.

Two sets of statistics for all sites combined are presented. The first is labeled “All Sites” and shows the age-standardized RSRs for all sites combined using the ICSS age standard 1. The “All Sites” survival statistics reflect the primary site distribution in each jurisdiction, so the RSR in Idaho may not be comparable to the RSR in Kentucky because Kentucky has higher rates of smoking-related cancers. The second is labeled “All Sites (Standardized)” and shows a composite survival index. The index is the weighted sum of the site-specific RSRs, with the weights derived from the proportionate distribution of NAACCR North American incidence counts for diagnosis years 2006-2008 as reported for the November 2014 Call for Data. This range of years was selected because the incidence data were mature enough for reporting delay to be ignorable. Case counts to derive the weights were limited to ages 15 and older, malignant behavior (plus urinary bladder *in situ*), and the SEER area-based registries were excluded to avoid double counting for their respective states. The “All Sites (Standardized)” statistics are comparable between jurisdictions because they are standardized by age, sex, and primary site distribution (but not race). This type of index has been suggested for use as an indicator for cancer control.^{11,12} For calculating the index, if a site-specific age-standardized RSR was not available for a jurisdiction, such as for rare cancers in smaller populations, the estimate was replaced with that of the country (United States or Canada) that contains the jurisdiction. This replacement was conducted by race for the United States (total, white, and black tables). Confidence intervals for the index were calculated using the normal approximation on the log scale,

as suggested in the Corazziari et al. paper.¹⁰ There are more cases included in the “All Sites (Standardized)” category than for “All Sites” because only one case per person is included in “All Sites,” but a person could contribute one case each to many of the individual site categories in “All Sites (Standardized)”. The confidence intervals for “All Sites (Standardized)” can be narrower than for “All Sites” because of the national replacement data and the larger numbers of cases. If more than 30% of the site-specific age-standardized RSR estimates were not available for a jurisdiction, and were replaced with that of the country, the “All Sites (Standardized)” estimate was suppressed.

For tables presenting RSRs by stage, SEER Summary Stage 2000 was used for diagnosis year 2015 and Derived Summary Stage for 2009-2014. The race category “white” includes both white non-Hispanics and white Hispanics. Pinheiro et al. have shown that in SEER data, Hispanics and Asians are more likely to have incomplete follow-up than non-Hispanic whites or Blacks, and those with worse prognoses are more likely to have incomplete follow-up than those with better prognoses.¹³ In addition, death ascertainment among Hispanics may be biased for all causes of death, not just cancer-related causes, so life tables for Hispanics may also be problematic. Because of these issues, survival statistics are not presented by ethnicity.

Variation in survival by registry catchment area can be due to several factors, including but not limited to: (1) differences in demographic characteristics related to race, ethnicity, and SES; (2) cancer screening rates; (3) access to and quality of care; and (4) cancer registration practices that impact case ascertainment, date of diagnosis and follow-up. In registries for which survival time was calculated using the “presumed alive” method, survival may be positively biased.¹⁴ The life tables currently available for calculating expected survival may not completely reflect all factors contributing to variation in all-cause mortality, such as smoking. Interpretation of the results should include these considerations.

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Section II

Five Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2009-2015, United States, Canada and North America



Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for All Sites (invasive)

NAACCR U.S. Combined		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	
Total	9,457,477	64.2	64.2 - 64.3	4,784,272	63.4	63.3 - 63.4	4,673,205	64.8	64.7 - 64.9	
Total (Standardized ²)	9,884,741	64.5	64.5 - 64.5	5,036,914	63.7	63.7 - 63.8	4,847,827	65.3	65.3 - 65.4	
Race										
White	7,920,521	64.7	64.7 - 64.8	4,009,586	63.4	63.4 - 63.5	3,910,935	65.7	65.6 - 65.8	
White (Standardized ²)	8,291,183	65.0	64.9 - 65.0	4,229,824	64.0	63.9 - 64.0	4,061,359	66.0	66.0 - 66.1	
Black	1,059,972	58.1	57.9 - 58.2	540,168	59.3	59.1 - 59.5	519,804	56.2	56.0 - 56.4	
Black (Standardized ²)	1,103,769	57.5	57.3 - 57.7	565,943	57.2	56.9 - 57.5	537,826	57.9	57.7 - 58.2	
Stage										
Localized (incl. in situ bladder)	4,618,721	88.2	88.1 - 88.2	2,364,034	87.7	87.6 - 87.8	2,254,687	88.4	88.3 - 88.5	
Regional	2,099,784	60.0	59.9 - 60.1	951,913	55.5	55.3 - 55.6	1,147,871	63.6	63.5 - 63.8	
Distant	2,343,368	25.8	25.8 - 25.9	1,253,138	25.4	25.2 - 25.5	1,090,230	26.5	26.3 - 26.6	
Unknown	729,201	43.4	43.2 - 43.6	399,966	45.9	45.6 - 46.1	329,235	40.0	39.8 - 40.3	
Age Group										
15-44	761,237	83.1	83.0 - 83.2 *	276,539	78.3	78.1 - 78.5 *	484,698	85.8	85.7 - 85.9 *	
45-54	1,299,202	73.7	73.6 - 73.8 *	563,952	68.2	68.1 - 68.4 *	735,250	77.9	77.8 - 78.1 *	
55-64	2,381,154	69.1	69.0 - 69.2 *	1,282,859	67.6	67.5 - 67.7 *	1,098,295	70.8	70.7 - 70.9 *	
65-74	2,618,266	65.3	65.2 - 65.3 *	1,467,387	66.3	66.2 - 66.5 *	1,150,879	63.8	63.7 - 64.0 *	
75+	2,465,251	50.9	50.8 - 51.0 *	1,232,729	51.4	51.2 - 51.6 *	1,232,522	50.4	50.3 - 50.6 *	

NAACCR Canadian Combined		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	
Total	437,963	63.3	63.1 - 63.5	225,597	62.8	62.5 - 63.1	212,366	63.4	63.1 - 63.7	
Total (Standardized ²)	457,759	63.3	63.1 - 63.5	237,761	62.6	62.3 - 62.9	219,998	64.2	63.9 - 64.5	
Stage										
Localized (incl. in situ bladder)	157,567	89.9	89.6 - 90.3	81,029	90.1	89.6 - 90.6	76,538	89.4	89.0 - 89.9	
Regional	90,245	65.8	65.3 - 66.3	41,890	64.1	63.4 - 64.9	48,355	67.0	66.3 - 67.6	
Distant	92,989	22.3	21.9 - 22.7	51,110	23.1	22.6 - 23.6	41,879	21.4	20.9 - 22.0	
Unknown	112,237	56.5	56.2 - 56.9	60,232	56.0	55.4 - 56.5	52,005	57.0	56.5 - 57.6	
Age Group										
15-44	30,323	84.1	83.5 - 84.6 *	11,504	80.7	79.8 - 81.5 *	18,819	86.1	85.5 - 86.7 *	
45-54	53,619	75.1	74.6 - 75.5 *	22,240	70.0	69.3 - 70.8 *	31,379	78.7	78.1 - 79.2 *	
55-64	106,275	69.7	69.4 - 70.1 *	56,913	68.5	68.0 - 69.0 *	49,362	71.1	70.6 - 71.7 *	
65-74	122,009	63.9	63.6 - 64.3 *	69,570	64.8	64.3 - 65.3 *	52,439	62.8	62.2 - 63.4 *	
75+	129,092	47.6	47.1 - 48.1 *	67,298	48.9	48.2 - 49.6 *	61,794	46.2	45.5 - 46.9 *	

NAACCR North America Combined		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	
Total	9,895,440	64.2	64.2 - 64.2	5,009,869	63.3	63.3 - 63.4	4,885,571	64.7	64.7 - 64.8	
Total (Standardized ²)	10,342,500	64.5	64.4 - 64.5	5,274,675	63.7	63.6 - 63.7	5,067,825	65.3	65.2 - 65.4	
Stage										
Localized (incl. in situ bladder)	4,776,288	88.2	88.1 - 88.3	2,445,063	87.8	87.7 - 87.9	2,331,225	88.4	88.3 - 88.5	
Regional	2,190,029	60.2	60.1 - 60.3	993,803	55.9	55.7 - 56.0	1,196,226	63.8	63.6 - 63.9	
Distant	2,436,357	25.7	25.6 - 25.8	1,304,248	25.3	25.2 - 25.4	1,132,109	26.3	26.2 - 26.4	
Unknown	841,438	45.3	45.1 - 45.4	460,198	47.3	47.1 - 47.5	381,240	42.6	42.4 - 42.8	
Age Group										
15-44	791,560	83.1	83.0 - 83.2 *	288,043	78.4	78.2 - 78.6 *	503,517	85.8	85.7 - 85.9 *	
45-54	1,352,821	73.8	73.7 - 73.8 *	586,192	68.3	68.1 - 68.4 *	766,629	78.0	77.9 - 78.1 *	
55-64	2,487,429	69.1	69.0 - 69.2 *	1,339,772	67.6	67.5 - 67.8 *	1,147,657	70.8	70.7 - 70.9 *	
65-74	2,740,275	65.2	65.1 - 65.3 *	1,536,957	66.3	66.2 - 66.4 *	1,203,318	63.8	63.7 - 63.9 *	
75+	2,594,343	50.8	50.6 - 50.9 *	1,300,027	51.3	51.1 - 51.4 *	1,294,316	50.2	50.1 - 50.4 *	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

² See Technical notes for the difference between age-standardized RSRs and standardized using a composite survival index.

All Sites (invasive)
Combined Survival II-1

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Oral Cavity & Pharynx

NAACCR U.S. Combined				MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	260,586	60.3	60.0 - 60.7	185,216	59.3	58.8 - 59.7	75,370	63.0	62.4 - 63.5
Race									
White	224,440	61.6	61.3 - 62.0	160,530	60.8	60.3 - 61.2	63,910	63.8	63.2 - 64.4
Black	23,382	44.3	43.1 - 45.4	16,223	40.9	39.5 - 42.4	7,159	51.2	49.3 - 53.2
Stage									
Localized	81,831	77.2	76.7 - 77.8	49,682	76.0	75.2 - 76.8	32,149	79.5	78.6 - 80.3
Regional	121,341	58.2	57.7 - 58.7	93,127	59.1	58.5 - 59.7	28,214	55.7	54.8 - 56.6
Distant	45,537	35.0	34.3 - 35.6	34,409	34.3	33.5 - 35.2	11,128	36.5	35.2 - 37.8
Unknown	16,093	48.8	47.6 - 49.9	10,937	46.5	45.1 - 47.9	5,156	53.8	51.9 - 55.8
Age Group									
15-44	17,507	79.2	78.4 - 80.0 *	10,868	76.2	75.2 - 77.2 *	6,639	84.1	83.0 - 85.2 *
45-54	48,913	69.0	68.4 - 69.5 *	36,561	68.0	67.4 - 68.6 *	12,352	71.9	70.9 - 72.9 *
55-64	81,705	64.5	64.0 - 65.0 *	62,724	63.4	62.9 - 64.0 *	18,981	68.0	67.0 - 68.9 *
65-74	63,157	59.2	58.6 - 59.8 *	45,670	57.9	57.1 - 58.6 *	17,487	62.5	61.4 - 63.6 *
75+	50,220	50.1	49.3 - 51.0 *	30,014	49.6	48.5 - 50.8 *	20,206	50.8	49.5 - 52.1 *

NAACCR Canadian Combined				MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	10,802	62.7	61.1 - 64.1	7,526	62.1	60.1 - 64.0	3,276	64.1	61.7 - 66.4
Stage									
Localized	2,011	86.6	83.2 - 89.4	1,294	84.8	80.0 - 88.5	717	88.9	84.0 - 92.3
Regional	2,682	58.6	55.7 - 61.4	1,965	60.0	56.1 - 63.6	717	55.5	50.5 - 60.2
Distant	1,525	33.9	30.4 - 37.5	1,152	38.7	34.8 - 42.6 *	373	35.5	28.9 - 42.0
Unknown	4,657	61.4	59.1 - 63.5	3,169	60.9	57.9 - 63.8	1,488	62.5	58.9 - 65.8
Age Group									
15-44	731	84.3	80.7 - 87.2 *	445	80.6	75.7 - 84.7 *	286	90.0	84.7 - 93.5 *
45-54	1,879	75.4	72.8 - 77.8 *	1,394	74.3	71.2 - 77.1 *	485	78.7	73.7 - 82.9 *
55-64	3,350	68.5	66.3 - 70.6 *	2,581	67.6	65.1 - 70.0 *	769	71.1	66.4 - 75.3 *
65-74	2,622	60.5	57.7 - 63.3 *	1,847	59.7	56.1 - 63.0 *	775	62.3	57.5 - 66.8 *
75+	2,255	49.7	45.9 - 53.3 *	1,282	50.6	45.3 - 55.6 *	973	48.1	42.7 - 53.3 *

NAACCR North America Combined				MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	271,388	60.4	60.1 - 60.8	192,742	59.4	59.0 - 59.8	78,646	63.0	62.5 - 63.6
Stage									
Localized	83,842	77.5	76.9 - 78.0	50,976	76.2	75.5 - 77.0	32,866	79.7	78.9 - 80.5
Regional	124,023	58.2	57.7 - 58.7	95,092	59.1	58.5 - 59.8	28,931	55.7	54.8 - 56.6
Distant	47,062	34.9	34.2 - 35.6	35,561	34.3	33.4 - 35.1	11,501	36.5	35.2 - 37.7
Unknown	20,750	51.6	50.6 - 52.6	14,106	49.6	48.3 - 50.9	6,644	55.9	54.2 - 57.6
Age Group									
15-44	18,238	79.4	78.7 - 80.1 *	11,313	76.4	75.4 - 77.4 *	6,925	84.4	83.2 - 85.4 *
45-54	50,792	69.2	68.7 - 69.7 *	37,955	68.2	67.6 - 68.8 *	12,837	72.1	71.1 - 73.1 *
55-64	85,055	64.7	64.2 - 65.1 *	65,305	63.6	63.1 - 64.1 *	19,750	68.1	67.2 - 69.0 *
65-74	65,779	59.2	58.6 - 59.8 *	47,517	57.9	57.2 - 58.6 *	18,262	62.5	61.4 - 63.5 *
75+	52,475	50.1	49.3 - 50.9 *	31,296	49.7	48.6 - 50.8 *	21,179	50.7	49.4 - 51.9 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Esophagus**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	105,020	20.2	19.9 - 20.6	82,847	19.8	19.4 - 20.2	22,173	22.3	21.5 - 23.2			
Race												
White	91,273	20.9	20.5 - 21.3	73,066	20.5	20.1 - 21.0	18,207	23.1	22.2 - 24.0			
Black	10,456	12.8	11.8 - 13.8	7,287	10.9	9.8 - 12.1	3,169	16.8	14.9 - 18.7			
Stage												
Localized	20,380	46.7	45.6 - 47.7	15,621	48.0	46.8 - 49.2	4,759	42.5	40.4 - 44.6			
Regional	34,054	24.3	23.6 - 25.1	26,786	23.7	22.9 - 24.5	7,268	27.0	25.4 - 28.6			
Distant	37,821	5.3	4.9 - 5.6	31,211	4.9	4.6 - 5.3	6,610	6.8	5.9 - 7.7			
Unknown	13,036	14.8	13.9 - 15.8	9,427	13.8	12.7 - 14.9	3,609	17.1	15.2 - 19.2			
Age Group												
15-44	2,368	23.9	21.8 - 26.1 *	1,899	21.5	19.2 - 23.9 *	469	34.5	29.1 - 39.9 *			
45-54	11,592	22.2	21.2 - 23.1 *	9,408	21.3	20.2 - 22.3 *	2,184	26.1	23.7 - 28.4 *			
55-64	29,172	21.5	20.9 - 22.1 *	24,198	21.1	20.4 - 21.7 *	4,974	23.8	22.2 - 25.4 *			
65-74	31,795	22.8	22.1 - 23.5 *	25,720	22.3	21.6 - 23.0 *	6,075	24.9	23.4 - 26.5 *			
75+	30,139	15.0	14.3 - 15.7 *	21,661	15.3	14.5 - 16.1 *	8,478	14.1	12.9 - 15.3 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	5,099	15.6	14.2 - 17.2	3,916	15.2	13.5 - 17.0	1,183	17.7	14.6 - 20.9			
Stage												
Localized	499	35.6	28.3 - 43.0	374	38.7	29.9 - 47.4	125	24.7	14.6 - 36.3 *			
Regional	764	20.6	16.7 - 24.9 *	582	21.2	16.6 - 26.2 *	182	18.9	12.2 - 26.8 *			
Distant	1,387	5.2	3.7 - 7.0 *	1,140	5.6	4.0 - 7.6 *	247	2.9	0.8 - 7.4 *			
Unknown	2,452	16.9	14.7 - 19.3	1,821	15.7	13.2 - 18.5	631	21.2	16.8 - 26.0			
Age Group												
15-44	84	22.1	12.7 - 33.2 *	65	19.8	9.8 - 32.4 *	19	-				
45-54	517	21.8	17.6 - 26.3 *	421	20.6	16.1 - 25.5 *	96	27.2	17.0 - 38.5 *			
55-64	1,416	18.7	16.1 - 21.5 *	1,147	18.2	15.3 - 21.2 *	269	21.0	15.4 - 27.3 *			
65-74	1,462	15.1	12.6 - 17.8 *	1,150	14.1	11.3 - 17.1 *	312	18.6	13.2 - 24.8 *			
75+	1,621	9.6	7.3 - 12.2 *	1,134	10.7	7.7 - 14.1 *	487	7.0	4.3 - 10.5 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	110,119	20.0	19.7 - 20.4	86,763	19.6	19.2 - 20.0	23,356	22.1	21.3 - 22.9			
Stage												
Localized	20,879	46.5	45.4 - 47.5	15,995	47.8	46.6 - 49.1	4,884	42.2	40.1 - 44.3			
Regional	34,818	24.2	23.5 - 25.0	27,368	23.6	22.8 - 24.4	7,450	26.8	25.2 - 28.3			
Distant	39,208	5.3	4.9 - 5.6	32,351	4.9	4.6 - 5.3	6,857	6.6	5.8 - 7.5			
Unknown	15,488	15.2	14.3 - 16.1	11,248	14.1	13.1 - 15.2	4,240	18.0	16.2 - 19.9			
Age Group												
15-44	2,452	23.9	21.7 - 26.0 *	1,964	21.5	19.2 - 23.8 *	488	34.3	29.1 - 39.5 *			
45-54	12,109	22.1	21.2 - 23.1 *	9,829	21.2	20.2 - 22.3 *	2,280	26.1	23.8 - 28.4 *			
55-64	30,588	21.4	20.8 - 22.0 *	25,345	20.9	20.3 - 21.6 *	5,243	23.7	22.1 - 25.2 *			
65-74	33,257	22.5	21.8 - 23.1 *	26,870	21.9	21.2 - 22.6 *	6,387	24.6	23.2 - 26.1 *			
75+	31,760	14.7	14.0 - 15.4 *	22,795	15.1	14.3 - 15.9 *	8,965	13.7	12.5 - 14.9 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Stomach**

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	149,058	32.9	32.5 - 33.2	92,647	29.6	29.1 - 30.0	56,411	38.6	38.0 - 39.2
Race									
White	112,082	31.8	31.4 - 32.2	71,517	28.5	28.0 - 29.0	40,565	37.8	37.2 - 38.5
Black	23,589	33.0	32.1 - 33.8	13,459	28.5	27.3 - 29.6	10,130	39.2	37.9 - 40.6
Stage									
Localized	43,307	69.2	68.5 - 69.8	24,480	64.9	63.9 - 65.9	18,827	74.7	73.7 - 75.7
Regional	39,224	30.6	29.9 - 31.3	26,399	29.6	28.7 - 30.4	12,825	32.8	31.6 - 33.9
Distant	49,679	6.7	6.4 - 7.1	32,508	6.4	6.0 - 6.8	17,171	7.2	6.7 - 7.8
Unknown	17,331	29.1	28.1 - 30.1	9,553	23.8	22.5 - 25.1	7,778	36.4	34.8 - 38.0
Age Group									
15-44	8,623	39.4	38.2 - 40.7 *	4,534	34.2	32.5 - 36.0 *	4,089	45.2	43.4 - 47.1 *
45-54	17,720	36.7	35.8 - 37.6 *	11,032	32.2	31.1 - 33.4 *	6,688	44.3	42.8 - 45.8 *
55-64	32,483	36.1	35.4 - 36.8 *	21,767	32.5	31.7 - 33.3 *	10,716	43.5	42.3 - 44.8 *
65-74	40,050	35.0	34.3 - 35.7 *	26,451	31.3	30.5 - 32.1 *	13,599	42.0	40.9 - 43.2 *
75+	50,285	25.0	24.4 - 25.7 *	28,921	23.3	22.5 - 24.2 *	21,364	27.2	26.3 - 28.2 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	7,739	26.2	24.8 - 27.6	5,141	25.4	23.8 - 27.2	2,598	27.9	25.5 - 30.3
Stage									
Localized	950	66.0	61.4 - 70.1	590	69.1	63.4 - 74.2	360	61.2	53.7 - 67.8
Regional	1,229	31.3	27.5 - 35.1	875	30.4	25.9 - 35.0	354	32.9	25.7 - 40.3
Distant	1,985	3.1	2.0 - 4.5	1,352	3.2	1.9 - 5.0 *	633	1.8	0.6 - 4.2 *
Unknown	3,585	26.5	24.5 - 28.6	2,329	24.5	22.0 - 27.0	1,256	30.4	27.0 - 34.0
Age Group									
15-44	336	36.7	30.8 - 42.6 *	192	36.4	28.6 - 44.2 *	144	37.3	28.4 - 46.2 *
45-54	792	29.1	25.3 - 33.0 *	509	24.3	19.8 - 29.1 *	283	37.0	30.5 - 43.6 *
55-64	1,613	25.9	23.2 - 28.7 *	1,153	24.8	21.6 - 28.0 *	460	29.1	23.8 - 34.5 *
65-74	1,987	29.4	26.6 - 32.2 *	1,419	28.3	25.0 - 31.7 *	568	31.8	26.6 - 37.1 *
75+	3,018	19.5	17.3 - 21.8 *	1,874	20.9	18.0 - 24.0 *	1,144	17.0	13.8 - 20.5 *

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	156,797	32.5	32.2 - 32.9	97,788	29.4	28.9 - 29.8	59,009	38.1	37.6 - 38.7
Stage									
Localized	44,257	69.1	68.4 - 69.8	25,070	65.1	64.1 - 66.0	19,187	74.4	73.5 - 75.4
Regional	40,453	30.6	30.0 - 31.3	27,274	29.6	28.8 - 30.4	13,179	32.8	31.7 - 33.9
Distant	51,664	6.6	6.3 - 6.9	33,860	6.3	5.9 - 6.7	17,804	7.0	6.5 - 7.6
Unknown	20,916	28.5	27.6 - 29.4	11,882	23.8	22.7 - 24.9	9,034	35.3	33.9 - 36.8
Age Group									
15-44	8,959	39.3	38.1 - 40.6 *	4,726	34.4	32.7 - 36.1 *	4,233	44.9	43.1 - 46.8 *
45-54	18,512	36.4	35.5 - 37.2 *	11,541	31.9	30.8 - 33.0 *	6,971	44.0	42.5 - 45.5 *
55-64	34,096	35.6	34.9 - 36.3 *	22,920	32.1	31.3 - 32.9 *	11,176	42.9	41.7 - 44.1 *
65-74	42,037	34.7	34.1 - 35.4 *	27,870	31.1	30.4 - 31.9 *	14,167	41.6	40.5 - 42.7 *
75+	53,303	24.7	24.1 - 25.3 *	30,795	23.2	22.4 - 24.0 *	22,508	26.7	25.8 - 27.7 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Colon & Rectum**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	875,498	63.6	63.4 - 63.7	456,287	62.3	62.1 - 62.6	419,211	65.0	64.7 - 65.2			
Race												
White	718,519	64.2	64.0 - 64.3	376,658	63.0	62.7 - 63.2	341,861	65.5	65.3 - 65.8			
Black	110,101	57.0	56.5 - 57.5	54,916	54.6	53.9 - 55.3	55,185	59.4	58.7 - 60.0			
Stage												
Localized	339,779	87.4	87.2 - 87.6	177,084	86.1	85.7 - 86.4	162,695	88.8	88.5 - 89.1			
Regional	309,430	69.8	69.5 - 70.0	161,215	68.4	68.0 - 68.8	148,215	71.2	70.8 - 71.6			
Distant	185,688	14.6	14.3 - 14.8	98,147	13.4	13.1 - 13.8	87,541	15.9	15.6 - 16.3			
Unknown	53,996	45.4	44.8 - 46.0	27,454	44.3	43.4 - 45.1	26,542	47.0	46.1 - 47.9			
Age Group												
15-44	50,006	69.3	68.7 - 69.8 *	25,640	67.2	66.4 - 68.0 *	24,366	71.4	70.7 - 72.2 *			
45-54	126,075	70.4	70.0 - 70.7 *	68,913	68.4	67.9 - 68.9 *	57,162	72.7	72.2 - 73.2 *			
55-64	193,444	66.4	66.1 - 66.7 *	111,318	65.1	64.7 - 65.5 *	82,126	68.2	67.8 - 68.7 *			
65-74	217,890	65.0	64.7 - 65.3 *	120,984	63.9	63.5 - 64.3 *	96,906	66.3	65.9 - 66.8 *			
75+	289,518	55.7	55.3 - 56.0 *	130,267	54.9	54.3 - 55.4 *	159,251	56.3	55.8 - 56.7 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	59,102	65.8	65.2 - 66.4	32,888	65.3	64.5 - 66.1	26,214	66.4	65.5 - 67.3			
Stage												
Localized	20,550	90.8	89.9 - 91.7	11,422	90.4	89.0 - 91.6	9,128	91.3	90.0 - 92.4			
Regional	22,059	74.5	73.5 - 75.4	12,416	73.9	72.5 - 75.3	9,643	75.3	73.8 - 76.7			
Distant	12,253	14.9	14.0 - 15.9	6,894	14.2	13.0 - 15.5	5,359	15.7	14.3 - 17.2			
Unknown	5,377	56.6	54.9 - 58.3	2,814	56.4	54.0 - 58.7	2,563	57.1	54.6 - 59.6			
Age Group												
15-44	2,196	71.5	68.8 - 73.9 *	1,119	69.5	65.7 - 72.9 *	1,077	73.6	69.8 - 77.0 *			
45-54	5,754	70.5	68.9 - 72.0 *	3,166	69.4	67.2 - 71.5 *	2,588	71.8	69.5 - 74.0 *			
55-64	12,906	69.3	68.2 - 70.4 *	7,828	68.9	67.4 - 70.3 *	5,078	69.9	68.1 - 71.6 *			
65-74	16,562	68.3	67.2 - 69.4 *	9,995	67.7	66.2 - 69.1 *	6,567	69.3	67.6 - 70.8 *			
75+	21,816	57.1	55.9 - 58.3 *	10,854	57.4	55.5 - 59.2 *	10,962	56.8	55.2 - 58.4 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	934,600	63.7	63.6 - 63.9	489,175	62.5	62.3 - 62.8	445,425	65.1	64.8 - 65.3			
Stage												
Localized	360,329	87.6	87.4 - 87.8	188,506	86.3	86.0 - 86.7	171,823	88.9	88.6 - 89.2			
Regional	331,489	70.1	69.8 - 70.3	173,631	68.8	68.5 - 69.2	157,858	71.5	71.1 - 71.8			
Distant	197,941	14.6	14.4 - 14.8	105,041	13.5	13.2 - 13.8	92,900	15.9	15.6 - 16.3			
Unknown	59,373	46.8	46.2 - 47.3	30,268	45.8	45.0 - 46.6	29,105	48.3	47.4 - 49.1			
Age Group												
15-44	52,202	69.4	68.8 - 69.9 *	26,759	67.3	66.5 - 68.0 *	25,443	71.5	70.8 - 72.3 *			
45-54	131,829	70.4	70.0 - 70.7 *	72,079	68.4	68.0 - 68.9 *	59,750	72.7	72.2 - 73.1 *			
55-64	206,350	66.6	66.3 - 66.9 *	119,146	65.4	65.0 - 65.7 *	87,204	68.3	67.9 - 68.7 *			
65-74	234,452	65.2	64.9 - 65.5 *	130,979	64.2	63.8 - 64.6 *	103,473	66.5	66.1 - 66.9 *			
75+	311,334	55.8	55.4 - 56.1 *	141,121	55.0	54.5 - 55.6 *	170,213	56.3	55.9 - 56.7 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Liver & Intrahepatic Bile Duct**

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	180,212	17.2	16.9 - 17.4	130,015	16.2	15.9 - 16.6	50,197	19.7	19.2 - 20.2
Race									
White	136,267	16.6	16.3 - 16.9	98,298	15.7	15.3 - 16.1	37,969	18.9	18.3 - 19.5
Black	26,729	15.8	15.0 - 16.6	19,708	14.1	13.1 - 15.2	7,021	19.6	18.2 - 21.0
Stage									
Localized	76,998	29.6	29.1 - 30.2	55,468	28.5	27.8 - 29.2	21,530	32.6	31.7 - 33.5
Regional	48,342	10.9	10.5 - 11.4	35,892	10.0	9.5 - 10.6	12,450	13.5	12.6 - 14.4
Distant	32,406	3.3	3.0 - 3.6	23,131	3.1	2.8 - 3.5	9,275	3.6	3.0 - 4.3
Unknown	22,701	9.8	9.2 - 10.4	15,694	8.6	7.9 - 9.3	7,007	12.9	11.7 - 14.1
Age Group									
15-44	4,961	32.0	30.4 - 33.7 *	3,170	28.4	26.5 - 30.4 *	1,791	38.4	35.5 - 41.3 *
45-54	25,121	20.4	19.8 - 21.0 *	19,671	19.0	18.3 - 19.7 *	5,450	25.4	24.0 - 26.9 *
55-64	67,019	20.3	19.8 - 20.7 *	53,169	19.3	18.8 - 19.8 *	13,850	23.9	22.9 - 24.9 *
65-74	45,429	17.0	16.5 - 17.6 *	31,765	16.1	15.5 - 16.8 *	13,664	19.1	18.1 - 20.0 *
75+	37,762	9.9	9.4 - 10.5 *	22,297	9.8	9.1 - 10.5 *	15,465	10.1	9.3 - 10.9 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	6,664	16.2	14.8 - 17.5	4,628	15.5	14.0 - 17.2	2,036	17.8	15.3 - 20.5
Stage									
Localized	1,265	34.8	30.7 - 39.0	890	34.2	29.0 - 39.4	375	39.2	32.9 - 45.5
Regional	1,218	10.2	7.8 - 12.8 *	867	10.5	7.7 - 13.7 *	351	9.3	5.6 - 14.2 *
Distant	816	2.9	1.6 - 4.9 *	524	3.5	1.8 - 6.1 *	292	-	
Unknown	3,385	14.6	12.9 - 16.5	2,364	13.5	11.4 - 15.8	1,021	17.1	13.7 - 20.9
Age Group									
15-44	179	33.7	25.7 - 41.9 *	121	29.0	20.2 - 38.4 *	58	43.9	27.8 - 58.8 *
45-54	666	23.3	19.3 - 27.5 *	506	22.8	18.4 - 27.4 *	160	24.9	15.5 - 35.4 *
55-64	2,092	20.4	18.0 - 22.8 *	1,637	19.4	16.8 - 22.2 *	455	24.0	18.8 - 29.5 *
65-74	1,830	13.5	11.0 - 16.2 *	1,281	13.2	10.2 - 16.6 *	549	13.9	9.7 - 18.8 *
75+	1,916	8.3	6.4 - 10.6 *	1,095	8.6	6.0 - 11.8 *	821	7.8	5.2 - 11.0 *

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	186,876	17.1	16.8 - 17.4	134,643	16.2	15.9 - 16.5	52,233	19.6	19.1 - 20.1
Stage									
Localized	78,263	29.7	29.2 - 30.2	56,358	28.6	27.9 - 29.2	21,905	32.7	31.7 - 33.6
Regional	49,560	10.9	10.5 - 11.4	36,759	10.0	9.5 - 10.6	12,801	13.4	12.5 - 14.3
Distant	33,222	3.3	3.0 - 3.6	23,655	3.1	2.8 - 3.5	9,567	3.6	3.0 - 4.2
Unknown	26,086	10.4	9.8 - 10.9	18,058	9.2	8.5 - 9.9	8,028	13.4	12.3 - 14.5
Age Group									
15-44	5,140	32.1	30.5 - 33.7 *	3,291	28.4	26.5 - 30.3 *	1,849	38.6	35.8 - 41.4 *
45-54	25,787	20.5	19.8 - 21.1 *	20,177	19.1	18.4 - 19.8 *	5,610	25.4	24.0 - 26.9 *
55-64	69,111	20.3	19.8 - 20.7 *	54,806	19.3	18.8 - 19.8 *	14,305	23.9	22.9 - 24.9 *
65-74	47,259	16.9	16.4 - 17.4 *	33,046	16.0	15.4 - 16.7 *	14,213	18.9	17.9 - 19.8 *
75+	39,678	9.8	9.3 - 10.4 *	23,392	9.7	9.0 - 10.4 *	16,286	10.0	9.2 - 10.8 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Pancreas**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	276,718	12.0	11.8 - 12.2	142,171	11.3	11.0 - 11.5	134,547	13.0	12.7 - 13.3			
Race												
White	230,009	12.0	11.8 - 12.2	120,090	11.3	11.1 - 11.6	109,919	12.9	12.6 - 13.2			
Black	34,932	11.0	10.6 - 11.5	16,306	9.2	8.5 - 9.9	18,626	12.8	12.1 - 13.5			
Stage												
Localized	30,547	40.2	39.4 - 40.9	14,550	40.4	39.2 - 41.5	15,997	40.0	38.9 - 41.1			
Regional	84,277	15.2	14.8 - 15.6	42,749	15.0	14.5 - 15.5	41,528	15.5	15.0 - 16.1			
Distant	139,023	4.3	4.1 - 4.4	74,252	4.0	3.8 - 4.2	64,771	4.6	4.4 - 4.9			
Unknown	23,086	13.1	12.4 - 13.9	10,742	12.1	11.1 - 13.1	12,344	14.7	13.6 - 15.9			
Age Group												
15-44	7,136	38.9	37.5 - 40.3 *	3,716	31.4	29.5 - 33.3 *	3,420	47.2	45.1 - 49.3 *			
45-54	25,403	17.4	16.8 - 18.0 *	14,592	15.3	14.5 - 16.1 *	10,811	20.3	19.3 - 21.3 *			
55-64	62,995	12.1	11.7 - 12.4 *	36,056	11.3	10.8 - 11.7 *	26,939	13.1	12.6 - 13.7 *			
65-74	80,522	9.9	9.6 - 10.2 *	43,447	10.1	9.7 - 10.6 *	37,075	9.7	9.3 - 10.2 *			
75+	100,687	5.4	5.1 - 5.6 *	44,374	5.9	5.5 - 6.3 *	56,313	5.0	4.7 - 5.3 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	11,878	9.5	8.7 - 10.4	6,083	8.4	7.3 - 9.6	5,795	11.0	9.7 - 12.3			
Stage												
Localized	703	38.6	32.8 - 44.4	318	28.8	20.7 - 37.4 *	385	34.9	28.2 - 41.7			
Regional	1,863	15.1	12.8 - 17.7	927	12.3	9.4 - 15.6 *	936	15.9	12.5 - 19.8			
Distant	3,847	2.7	1.9 - 3.8	2,012	2.9	1.9 - 4.4	1,835	2.8	1.5 - 4.7			
Unknown	5,468	9.4	8.1 - 10.7	2,828	7.8	6.2 - 9.5	2,640	11.6	9.7 - 13.7			
Age Group												
15-44	261	34.6	27.6 - 41.7 *	143	24.2	16.6 - 32.7 *	118	47.7	36.2 - 58.3 *			
45-54	1,028	15.0	12.2 - 18.1 *	582	13.9	10.4 - 17.9 *	446	16.8	12.5 - 21.6 *			
55-64	2,380	9.4	7.8 - 11.2 *	1,353	7.6	5.6 - 10.0 *	1,027	11.8	9.3 - 14.5 *			
65-74	3,313	7.9	6.6 - 9.3 *	1,765	8.0	6.2 - 10.1 *	1,548	7.6	5.9 - 9.6 *			
75+	4,896	2.8	2.1 - 3.7 *	2,240	3.3	2.2 - 4.8 *	2,656	2.4	1.6 - 3.6 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	288,596	11.9	11.7 - 12.1	148,254	11.2	10.9 - 11.4	140,342	12.9	12.7 - 13.2			
Stage												
Localized	31,250	40.1	39.3 - 40.9	14,868	40.4	39.2 - 41.5	16,382	39.9	38.8 - 40.9			
Regional	86,140	15.2	14.8 - 15.6	43,676	15.0	14.4 - 15.5	42,464	15.5	15.0 - 16.1			
Distant	142,870	4.2	4.1 - 4.4	76,264	4.0	3.8 - 4.2	66,606	4.6	4.3 - 4.9			
Unknown	28,554	12.3	11.7 - 13.0	13,570	11.1	10.3 - 12.0	14,984	14.0	13.0 - 15.0			
Age Group												
15-44	7,397	38.7	37.3 - 40.1 *	3,859	31.1	29.3 - 33.0 *	3,538	47.2	45.1 - 49.2 *			
45-54	26,431	17.3	16.7 - 17.9 *	15,174	15.2	14.5 - 16.0 *	11,257	20.1	19.2 - 21.1 *			
55-64	65,375	12.0	11.6 - 12.3 *	37,409	11.1	10.7 - 11.6 *	27,966	13.1	12.5 - 13.7 *			
65-74	83,835	9.8	9.5 - 10.1 *	45,212	10.0	9.6 - 10.5 *	38,623	9.6	9.2 - 10.1 *			
75+	105,583	5.3	5.0 - 5.5 *	46,614	5.8	5.4 - 6.2 *	58,969	4.9	4.6 - 5.1 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Larynx**

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	81,470	58.9	58.3 - 59.5	64,852	59.3	58.6 - 60.0	16,618	56.5	55.3 - 57.7
Race									
White	67,570	59.9	59.3 - 60.6	53,712	60.5	59.8 - 61.3	13,858	56.9	55.6 - 58.2
Black	11,744	50.9	49.1 - 52.6	9,326	50.0	48.0 - 52.0	2,418	53.4	49.9 - 56.8
Stage									
Localized	43,205	74.7	73.9 - 75.5	35,422	75.3	74.4 - 76.1	7,783	71.4	69.7 - 73.1
Regional	19,907	41.0	39.8 - 42.2	14,550	40.1	38.6 - 41.5	5,357	43.3	41.1 - 45.5
Distant	14,036	31.6	30.4 - 32.8	11,405	30.7	29.4 - 32.1	2,631	35.1	32.4 - 37.8
Unknown	4,428	49.7	47.5 - 51.9	3,556	50.2	47.6 - 52.7	872	47.6	43.1 - 51.9
Age Group									
15-44	2,060	73.4	70.9 - 75.8 *	1,432	69.5	66.3 - 72.5 *	628	82.1	78.2 - 85.4 *
45-54	12,423	61.1	60.0 - 62.2 *	9,419	61.3	60.0 - 62.6 *	3,004	60.6	58.3 - 62.8 *
55-64	26,034	59.0	58.2 - 59.8 *	20,835	58.7	57.7 - 59.6 *	5,199	60.4	58.5 - 62.2 *
65-74	24,228	58.1	57.2 - 59.1 *	19,539	58.8	57.7 - 59.9 *	4,689	55.3	53.2 - 57.3 *
75+	16,771	55.1	53.6 - 56.6 *	13,664	57.0	55.3 - 58.7 *	3,107	46.9	43.9 - 49.9 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	2,477	64.4	61.1 - 67.4	2,094	63.8	60.2 - 67.3	383	65.1	57.6 - 71.6
Stage									
Localized	859	83.2	77.5 - 87.6	737	83.0	76.4 - 87.8	122	82.2	69.5 - 89.9
Regional	221	50.9	41.2 - 59.9 *	168	49.0	37.7 - 59.4 *	53	56.1	36.1 - 72.1 *
Distant	376	39.6	31.9 - 47.3	323	36.5	28.6 - 44.5	53	54.4	33.4 - 71.3 *
Unknown	1,022	59.8	54.8 - 64.4	867	60.4	54.7 - 65.6	155	56.5	44.4 - 66.9
Age Group									
15-44	41	79.8	61.6 - 90.0 *	24	76.2	51.2 - 89.6 *	17	-	
45-54	256	72.7	65.2 - 78.8 *	214	70.2	62.0 - 76.9 *	42	85.4	59.5 - 95.3 *
55-64	736	70.4	65.6 - 74.6 *	623	69.5	64.0 - 74.2 *	113	72.9	62.1 - 81.2 *
65-74	801	63.5	58.0 - 68.4 *	695	64.3	58.2 - 69.7 *	106	58.7	45.2 - 70.0 *
75+	646	53.3	45.3 - 60.7 *	541	53.4	44.5 - 61.4 *	105	52.1	33.6 - 67.7 *

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	83,947	59.0	58.5 - 59.6	66,946	59.4	58.8 - 60.1	17,001	56.8	55.6 - 57.9
Stage									
Localized	44,064	74.9	74.1 - 75.6	36,159	75.4	74.5 - 76.3	7,905	71.6	69.9 - 73.3
Regional	20,128	41.1	39.9 - 42.3	14,718	40.2	38.8 - 41.7	5,410	43.4	41.3 - 45.6
Distant	14,412	31.8	30.6 - 33.1	11,728	30.9	29.6 - 32.3	2,684	35.6	32.9 - 38.4
Unknown	5,450	51.6	49.6 - 53.6	4,423	52.1	49.8 - 54.4	1,027	49.0	44.8 - 53.0
Age Group									
15-44	2,101	73.5	71.1 - 75.8 *	1,456	69.6	66.5 - 72.6 *	645	82.2	78.3 - 85.4 *
45-54	12,679	61.4	60.3 - 62.5 *	9,633	61.5	60.3 - 62.8 *	3,046	61.0	58.6 - 63.2 *
55-64	26,770	59.3	58.5 - 60.1 *	21,458	59.0	58.0 - 59.9 *	5,312	60.7	58.9 - 62.5 *
65-74	25,029	58.3	57.4 - 59.2 *	20,234	59.0	58.0 - 60.1 *	4,795	55.3	53.3 - 57.4 *
75+	17,417	55.1	53.6 - 56.5 *	14,205	56.9	55.2 - 58.6 *	3,212	47.1	44.1 - 50.1 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Lung & Bronchus**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	1,339,290	21.7	21.6 - 21.8	710,190	18.2	18.0 - 18.3	629,100	25.7	25.5 - 25.8			
Race												
White	1,147,319	22.0	21.8 - 22.1	603,867	18.4	18.2 - 18.5	543,452	25.9	25.7 - 26.0			
Black	145,617	18.7	18.3 - 19.0	80,908	15.3	14.9 - 15.7	64,709	22.7	22.3 - 23.2			
Stage												
Localized	268,374	57.7	57.4 - 58.0	128,462	51.9	51.5 - 52.4	139,912	62.7	62.3 - 63.1			
Regional	315,005	31.0	30.8 - 31.3	167,226	27.4	27.1 - 27.8	147,779	35.0	34.6 - 35.3			
Distant	698,563	6.0	5.9 - 6.1	383,047	5.0	4.9 - 5.1	315,516	7.2	7.1 - 7.4			
Unknown	73,370	14.2	13.7 - 14.6	39,201	12.0	11.4 - 12.6	34,169	16.9	16.2 - 17.7			
Age Group												
15-44	17,942	34.6	33.7 - 35.4 *	8,431	29.9	28.7 - 31.1 *	9,511	38.7	37.5 - 39.9 *			
45-54	112,365	23.7	23.3 - 24.0 *	56,255	18.7	18.3 - 19.1 *	56,110	28.7	28.2 - 29.1 *			
55-64	301,052	22.2	22.0 - 22.4 *	165,696	18.1	17.8 - 18.3 *	135,356	27.3	26.9 - 27.6 *			
65-74	453,397	22.4	22.2 - 22.6 *	244,541	19.0	18.7 - 19.2 *	208,856	26.4	26.2 - 26.7 *			
75+	458,076	16.8	16.6 - 17.0 *	236,908	14.4	14.2 - 14.7 *	221,168	19.3	19.0 - 19.5 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	61,828	20.6	20.1 - 21.2	31,756	18.1	17.3 - 18.8	30,072	23.2	22.4 - 24.0			
Stage												
Localized	9,404	60.0	58.3 - 61.6	4,342	56.2	53.7 - 58.6	5,062	62.9	60.7 - 65.1			
Regional	14,794	33.9	32.5 - 35.2	7,493	31.3	29.4 - 33.2	7,301	36.2	34.2 - 38.2			
Distant	33,739	5.1	4.6 - 5.6	17,778	4.4	3.7 - 5.1	15,961	5.8	5.2 - 6.6			
Unknown	4,598	20.5	19.1 - 22.0	2,427	17.8	15.8 - 19.9	2,171	23.2	21.0 - 25.4			
Age Group												
15-44	567	36.0	31.3 - 40.8 *	268	38.6	31.7 - 45.3 *	299	33.6	27.1 - 40.2 *			
45-54	4,088	24.7	23.1 - 26.3 *	1,789	19.9	17.7 - 22.2 *	2,299	28.4	26.1 - 30.7 *			
55-64	13,008	23.1	22.2 - 24.1 *	6,661	19.2	18.0 - 20.5 *	6,347	27.2	25.8 - 28.7 *			
65-74	20,831	20.6	19.8 - 21.4 *	10,936	17.4	16.4 - 18.4 *	9,895	24.2	23.0 - 25.3 *			
75+	23,503	13.2	12.5 - 14.0 *	12,166	12.1	11.1 - 13.1 *	11,337	14.4	13.4 - 15.5 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	1,401,118	21.7	21.6 - 21.8	741,946	18.2	18.0 - 18.3	659,172	25.6	25.4 - 25.7			
Stage												
Localized	277,778	57.8	57.5 - 58.1	132,804	52.0	51.6 - 52.5	144,974	62.7	62.3 - 63.1			
Regional	329,799	31.1	30.9 - 31.4	174,719	27.6	27.2 - 27.9	155,080	35.0	34.6 - 35.4			
Distant	732,302	6.0	5.9 - 6.1	400,825	5.0	4.9 - 5.1	331,477	7.1	7.0 - 7.3			
Unknown	77,968	14.8	14.4 - 15.3	41,628	12.6	12.1 - 13.2	36,340	17.6	17.0 - 18.3			
Age Group												
15-44	18,509	34.6	33.8 - 35.5 *	8,699	30.2	29.0 - 31.3 *	9,810	38.6	37.4 - 39.7 *			
45-54	116,453	23.7	23.4 - 24.0 *	58,044	18.7	18.4 - 19.1 *	58,409	28.6	28.2 - 29.1 *			
55-64	314,060	22.2	22.0 - 22.4 *	172,357	18.1	17.9 - 18.4 *	141,703	27.3	26.9 - 27.6 *			
65-74	474,228	22.3	22.2 - 22.5 *	255,477	18.9	18.7 - 19.1 *	218,751	26.3	26.1 - 26.6 *			
75+	481,579	16.6	16.5 - 16.8 *	249,074	14.3	14.1 - 14.6 *	232,505	19.0	18.8 - 19.3 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Melanoma of the Skin**

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	449,003	90.8	90.6 - 90.9	261,740	88.6	88.3 - 88.8	187,263	93.1	92.8 - 93.3
Race									
White	427,319	90.5	90.3 - 90.6	250,442	88.2	88.0 - 88.4	176,877	92.9	92.6 - 93.1
Black	2,319	67.7	64.7 - 70.5	1,078	58.3	53.4 - 62.9	1,241	74.4	70.7 - 77.6
Stage									
Localized	351,072	97.3	97.1 - 97.5	200,998	96.4	96.2 - 96.6	150,074	98.4	98.1 - 98.6
Regional	42,507	67.6	66.9 - 68.3	26,856	65.1	64.2 - 66.1	15,651	71.1	70.0 - 72.1
Distant	22,794	28.6	27.6 - 29.5	15,448	26.1	24.9 - 27.3	7,346	32.9	31.3 - 34.6
Unknown	38,553	88.7	88.1 - 89.2	22,635	86.6	85.8 - 87.4	15,918	90.7	89.9 - 91.4
Age Group									
15-44	64,288	94.0	93.7 - 94.2 *	24,525	90.4	89.9 - 90.9 *	39,763	96.2	95.9 - 96.4 *
45-54	70,602	91.7	91.4 - 92.0 *	35,362	89.0	88.5 - 89.5 *	35,240	94.5	94.1 - 94.8 *
55-64	100,325	90.4	90.1 - 90.7 *	60,528	88.5	88.1 - 88.9 *	39,797	93.4	93.0 - 93.8 *
65-74	103,873	90.2	89.8 - 90.6 *	69,283	89.4	88.9 - 89.9 *	34,590	91.8	91.2 - 92.4 *
75+	111,858	84.5	83.8 - 85.1 *	73,457	83.4	82.6 - 84.2 *	38,401	86.4	85.3 - 87.4 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	17,691	89.7	88.9 - 90.5	9,419	87.3	86.0 - 88.4	8,272	92.1	91.0 - 93.1
Stage									
Localized	7,878	96.8	95.6 - 97.7	3,998	95.3	93.5 - 96.6	3,880	97.9	96.1 - 98.9
Regional	1,190	67.2	62.9 - 71.1	691	63.5	57.5 - 68.8	499	71.1	64.8 - 76.4
Distant	450	19.2	13.9 - 25.2	302	18.6	12.3 - 25.9	148	19.3	10.6 - 30.1 *
Unknown	8,239	89.6	88.5 - 90.7	4,470	88.1	86.4 - 89.5	3,769	91.3	89.7 - 92.7
Age Group									
15-44	2,448	94.1	92.7 - 95.2 *	891	91.7	89.1 - 93.7 *	1,557	95.4	93.7 - 96.6 *
45-54	3,076	91.8	90.4 - 93.1 *	1,443	88.3	85.8 - 90.3 *	1,633	95.0	93.3 - 96.3 *
55-64	4,141	90.6	89.1 - 91.9 *	2,248	87.8	85.6 - 89.8 *	1,893	93.8	92.0 - 95.3 *
65-74	3,918	87.7	85.6 - 89.5 *	2,390	86.0	83.1 - 88.5 *	1,528	90.3	87.1 - 92.7 *
75+	4,176	80.0	76.5 - 82.9 *	2,493	78.1	73.4 - 82.0 *	1,683	82.1	76.9 - 86.3 *

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	466,694	90.7	90.6 - 90.9	271,159	88.5	88.3 - 88.8	195,535	93.0	92.8 - 93.2
Stage									
Localized	358,950	97.3	97.1 - 97.4	204,996	96.4	96.1 - 96.6	153,954	98.4	98.1 - 98.6
Regional	43,697	67.6	66.9 - 68.3	27,547	65.1	64.2 - 66.0	16,150	71.1	70.1 - 72.2
Distant	23,244	28.4	27.4 - 29.4	15,750	26.0	24.8 - 27.2	7,494	32.7	31.1 - 34.3
Unknown	46,792	88.9	88.4 - 89.4	27,105	86.9	86.2 - 87.6	19,687	90.9	90.1 - 91.5
Age Group									
15-44	66,736	94.0	93.7 - 94.2 *	25,416	90.4	90.0 - 90.9 *	41,320	96.2	95.9 - 96.4 *
45-54	73,678	91.7	91.4 - 92.0 *	36,805	89.0	88.5 - 89.4 *	36,873	94.5	94.2 - 94.9 *
55-64	104,466	90.4	90.1 - 90.7 *	62,776	88.5	88.1 - 88.9 *	41,690	93.4	93.0 - 93.8 *
65-74	107,791	90.1	89.7 - 90.5 *	71,673	89.3	88.8 - 89.7 *	36,118	91.7	91.1 - 92.3 *
75+	116,034	84.3	83.7 - 85.0 *	75,950	83.2	82.4 - 84.1 *	40,084	86.2	85.2 - 87.2 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Female Breast**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	-	-		-	-					1,451,283	89.2	89.1 - 89.4
Race												
White	-	-		-	-					1,203,066	90.2	90.1 - 90.3
Black	-	-		-	-					171,619	80.8	80.3 - 81.2
Stage												
Localized	-	-		-	-					928,110	98.3	98.3 - 98.4
Regional	-	-		-	-					419,188	83.1	82.9 - 83.4
Distant	-	-		-	-					85,203	27.0	26.5 - 27.5
Unknown	-	-		-	-					35,197	62.7	61.9 - 63.4
Age Group												
15-44	-	-		-	-					148,671	88.4	88.1 - 88.6 *
45-54	-	-		-	-					293,130	90.1	89.9 - 90.3 *
55-64	-	-		-	-					374,741	89.8	89.6 - 89.9 *
65-74	-	-		-	-					351,367	90.8	90.6 - 91.0 *
75+	-	-		-	-					285,803	87.0	86.7 - 87.4 *

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	-	-		-	-					62,243	87.6	87.0 - 88.1
Stage												
Localized	-	-		-	-					36,380	97.1	96.4 - 97.7
Regional	-	-		-	-					19,478	83.3	82.1 - 84.5
Distant	-	-		-	-					3,525	21.6	19.5 - 23.9
Unknown	-	-		-	-					3,518	81.4	79.6 - 83.1
Age Group												
15-44	-	-		-	-					5,783	88.8	87.7 - 89.9 *
45-54	-	-		-	-					12,525	90.7	89.9 - 91.3 *
55-64	-	-		-	-					16,103	89.9	89.2 - 90.6 *
65-74	-	-		-	-					15,038	90.4	89.5 - 91.3 *
75+	-	-		-	-					12,916	81.3	79.7 - 82.8 *

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹
Total	-	-		-	-					1,513,526	89.2	89.0 - 89.3
Stage												
Localized	-	-		-	-					964,490	98.3	98.2 - 98.4
Regional	-	-		-	-					438,666	83.1	82.9 - 83.4
Distant	-	-		-	-					88,728	26.8	26.3 - 27.2
Unknown	-	-		-	-					38,715	65.0	64.3 - 65.7
Age Group												
15-44	-	-		-	-					154,454	88.4	88.2 - 88.6 *
45-54	-	-		-	-					305,655	90.1	90.0 - 90.3 *
55-64	-	-		-	-					390,844	89.8	89.6 - 89.9 *
65-74	-	-		-	-					366,405	90.8	90.6 - 91.0 *
75+	-	-		-	-					298,719	86.8	86.4 - 87.1 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Cervix Uteri**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		81,896	61.4	60.9 - 61.9			
Race												
White	-	-		-	-		62,657	62.0	61.4 - 62.6			
Black	-	-		-	-		13,225	55.2	54.0 - 56.4			
Stage												
Localized	-	-		-	-		35,573	86.1	85.2 - 87.0			
Regional	-	-		-	-		29,261	56.0	55.1 - 56.8			
Distant	-	-		-	-		12,024	17.7	16.7 - 18.7			
Unknown	-	-		-	-		5,151	52.4	50.6 - 54.1			
Age Group												
15-44	-	-		-	-		30,764	79.0	78.4 - 79.5 *			
45-54	-	-		-	-		19,477	66.1	65.3 - 67.0 *			
55-64	-	-		-	-		15,728	59.3	58.2 - 60.3 *			
65-74	-	-		-	-		9,329	52.2	50.7 - 53.6 *			
75+	-	-		-	-		6,625	36.9	35.0 - 38.8 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		3,719	67.6	65.2 - 69.9			
Stage												
Localized	-	-		-	-		1,719	88.5	84.0 - 91.8			
Regional	-	-		-	-		1,177	60.1	55.9 - 64.0			
Distant	-	-		-	-		402	21.8	16.6 - 27.4 *			
Unknown	-	-		-	-		427	66.4	60.7 - 71.4			
Age Group												
15-44	-	-		-	-		1,652	85.1	82.9 - 87.1 *			
45-54	-	-		-	-		826	73.3	69.4 - 76.8 *			
55-64	-	-		-	-		615	65.5	60.2 - 70.2 *			
65-74	-	-		-	-		338	56.5	48.4 - 63.8 *			
75+	-	-		-	-		288	44.5	36.4 - 52.2 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		85,615	61.7	61.2 - 62.2			
Stage												
Localized	-	-		-	-		37,292	86.3	85.4 - 87.1			
Regional	-	-		-	-		30,438	56.1	55.3 - 56.9			
Distant	-	-		-	-		12,426	17.8	16.9 - 18.8			
Unknown	-	-		-	-		5,578	53.7	52.0 - 55.3			
Age Group												
15-44	-	-		-	-		32,416	79.3	78.7 - 79.8 *			
45-54	-	-		-	-		20,303	66.4	65.6 - 67.3 *			
55-64	-	-		-	-		16,343	59.5	58.5 - 60.5 *			
65-74	-	-		-	-		9,667	52.3	50.9 - 53.7 *			
75+	-	-		-	-		6,913	37.4	35.5 - 39.2 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Corpus & Uterus, NOS

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		324,081	77.8	77.5 - 78.1
Race												
White	-	-		-	-		-	-		270,341	80.3	80.0 - 80.6
Black	-	-		-	-		-	-		36,395	58.2	57.3 - 59.0
Stage												
Localized	-	-		-	-		-	-		216,991	92.9	92.5 - 93.2
Regional	-	-		-	-		-	-		66,679	65.6	65.0 - 66.2
Distant	-	-		-	-		-	-		27,597	17.8	17.1 - 18.4
Unknown	-	-		-	-		-	-		13,579	52.5	51.3 - 53.7
Age Group												
15-44	-	-		-	-		-	-		22,135	90.1	89.6 - 90.6 *
45-54	-	-		-	-		-	-		51,845	87.3	86.9 - 87.7 *
55-64	-	-		-	-		-	-		112,146	84.1	83.8 - 84.4 *
65-74	-	-		-	-		-	-		86,107	77.9	77.4 - 78.3 *
75+	-	-		-	-		-	-		51,890	65.9	65.1 - 66.7 *

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		14,426	81.4	80.2 - 82.5
Stage												
Localized	-	-		-	-		-	-		6,159	94.2	92.3 - 95.7
Regional	-	-		-	-		-	-		1,808	67.0	63.1 - 70.6
Distant	-	-		-	-		-	-		623	16.8	13.2 - 20.8
Unknown	-	-		-	-		-	-		5,842	80.2	78.4 - 81.8
Age Group												
15-44	-	-		-	-		-	-		785	91.2	88.3 - 93.4 *
45-54	-	-		-	-		-	-		2,389	88.4	86.6 - 90.0 *
55-64	-	-		-	-		-	-		5,192	88.2	86.8 - 89.4 *
65-74	-	-		-	-		-	-		3,796	82.8	80.7 - 84.6 *
75+	-	-		-	-		-	-		2,270	69.3	66.1 - 72.3 *

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		338,507	78.0	77.7 - 78.3
Stage												
Localized	-	-		-	-		-	-		223,150	93.0	92.6 - 93.3
Regional	-	-		-	-		-	-		68,487	65.6	65.0 - 66.2
Distant	-	-		-	-		-	-		28,220	17.8	17.1 - 18.4
Unknown	-	-		-	-		-	-		19,421	60.7	59.7 - 61.6
Age Group												
15-44	-	-		-	-		-	-		22,920	90.1	89.6 - 90.6 *
45-54	-	-		-	-		-	-		54,234	87.3	87.0 - 87.7 *
55-64	-	-		-	-		-	-		117,338	84.3	84.0 - 84.6 *
65-74	-	-		-	-		-	-		89,903	78.1	77.7 - 78.5 *
75+	-	-		-	-		-	-		54,160	66.1	65.4 - 66.9 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Ovary

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		136,726	43.7	43.3 - 44.1
Race												
White	-	-		-	-		-	-		116,445	44.5	44.1 - 44.9
Black	-	-		-	-		-	-		12,659	34.4	33.2 - 35.6
Stage												
Localized	-	-		-	-		-	-		20,896	87.5	86.2 - 88.7
Regional	-	-		-	-		-	-		28,199	67.2	66.2 - 68.1
Distant	-	-		-	-		-	-		78,837	29.4	28.9 - 29.8
Unknown	-	-		-	-		-	-		9,039	30.8	29.5 - 32.1
Age Group												
15-44	-	-		-	-		-	-		15,213	77.0	76.1 - 77.8 *
45-54	-	-		-	-		-	-		24,255	62.1	61.3 - 63.0 *
55-64	-	-		-	-		-	-		33,689	52.4	51.6 - 53.1 *
65-74	-	-		-	-		-	-		31,393	40.8	40.0 - 41.6 *
75+	-	-		-	-		-	-		32,190	24.0	23.2 - 24.8 *

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		6,151	39.0	37.3 - 40.7
Stage												
Localized	-	-		-	-		-	-		453	75.8	67.4 - 82.4
Regional	-	-		-	-		-	-		774	66.1	59.7 - 71.8
Distant	-	-		-	-		-	-		2,053	22.8	20.2 - 25.5
Unknown	-	-		-	-		-	-		2,875	38.6	36.1 - 41.0
Age Group												
15-44	-	-		-	-		-	-		611	73.7	68.7 - 78.0 *
45-54	-	-		-	-		-	-		1,078	60.4	56.3 - 64.2 *
55-64	-	-		-	-		-	-		1,507	50.9	47.3 - 54.5 *
65-74	-	-		-	-		-	-		1,395	35.8	32.0 - 39.6 *
75+	-	-		-	-		-	-		1,561	15.4	12.7 - 18.4 *

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	-	-		-	-		-	-		142,877	43.5	43.1 - 43.9
Stage												
Localized	-	-		-	-		-	-		21,349	87.3	86.0 - 88.4
Regional	-	-		-	-		-	-		28,973	67.1	66.2 - 68.1
Distant	-	-		-	-		-	-		80,890	29.2	28.8 - 29.7
Unknown	-	-		-	-		-	-		11,914	33.1	32.0 - 34.3
Age Group												
15-44	-	-		-	-		-	-		15,824	76.8	76.0 - 77.7 *
45-54	-	-		-	-		-	-		25,333	62.1	61.2 - 62.9 *
55-64	-	-		-	-		-	-		35,196	52.3	51.6 - 53.1 *
65-74	-	-		-	-		-	-		32,788	40.6	39.8 - 41.4 *
75+	-	-		-	-		-	-		33,751	23.6	22.9 - 24.4 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Prostate**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		1,298,749	96.1	95.9 - 96.2	-	-		-	-	
Race												
White	-	-		1,019,539	96.1	96.0 - 96.2	-	-		-	-	
Black	-	-		207,979	92.6	92.2 - 93.0	-	-		-	-	
Stage												
Localized	-	-		991,830	99.9	99.8 - 100.0	-	-		-	-	
Regional	-	-		152,755	95.1	94.5 - 95.6	-	-		-	-	
Distant	-	-		71,059	32.1	31.5 - 32.7	-	-		-	-	
Unknown	-	-		83,171	86.6	86.1 - 87.0	-	-		-	-	
Age Group												
15-44	-	-		6,995	95.6	94.8 - 96.2 *	-	-		-	-	
45-54	-	-		121,383	97.5	97.3 - 97.6 *	-	-		-	-	
55-64	-	-		430,172	98.4	98.3 - 98.5 *	-	-		-	-	
65-74	-	-		500,488	99.6	99.5 - 99.7 *	-	-		-	-	
75+	-	-		239,722	90.7	90.3 - 91.1 *	-	-		-	-	

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		59,462	92.4	91.9 - 92.9	-	-		-	-	
Stage												
Localized	-	-		39,936	98.9	98.3 - 99.3	-	-		-	-	
Regional	-	-		9,565	94.8	92.9 - 96.2	-	-		-	-	
Distant	-	-		4,985	31.7	29.0 - 34.4	-	-		-	-	
Unknown	-	-		4,982	88.3	86.9 - 89.6	-	-		-	-	
Age Group												
15-44	-	-		216	93.5	88.4 - 96.4 *	-	-		-	-	
45-54	-	-		4,307	96.4	95.4 - 97.2 *	-	-		-	-	
55-64	-	-		17,850	97.1	96.5 - 97.6 *	-	-		-	-	
65-74	-	-		22,186	96.9	96.1 - 97.5 *	-	-		-	-	
75+	-	-		14,905	81.6	80.0 - 83.0 *	-	-		-	-	

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		1,358,211	95.9	95.8 - 96.0	-	-		-	-	
Stage												
Localized	-	-		1,031,766	99.9	99.8 - 99.9	-	-		-	-	
Regional	-	-		162,320	95.1	94.6 - 95.6	-	-		-	-	
Distant	-	-		76,044	32.1	31.5 - 32.7	-	-		-	-	
Unknown	-	-		88,153	86.8	86.3 - 87.2	-	-		-	-	
Age Group												
15-44	-	-		7,211	95.5	94.8 - 96.2 *	-	-		-	-	
45-54	-	-		125,690	97.4	97.3 - 97.6 *	-	-		-	-	
55-64	-	-		448,022	98.3	98.2 - 98.4 *	-	-		-	-	
65-74	-	-		522,674	99.5	99.4 - 99.6 *	-	-		-	-	
75+	-	-		254,627	90.2	89.8 - 90.6 *	-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Testis**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		53,764	92.4	91.4 - 93.2	-	-		-	-	
Race												
White	-	-		49,016	92.6	91.7 - 93.5	-	-		-	-	
Black	-	-		1,872	83.8	79.6 - 87.2	-	-		-	-	
Stage												
Localized	-	-		36,376	98.5	97.8 - 98.9	-	-		-	-	
Regional	-	-		10,050	91.5	89.2 - 93.3	-	-		-	-	
Distant	-	-		6,252	66.4	63.9 - 68.8	-	-		-	-	
Unknown	-	-		1,236	79.0	75.4 - 82.1	-	-		-	-	
Age Group												
15-44	-	-		42,039	96.1	95.9 - 96.3 *	-	-		-	-	
45-54	-	-		7,356	94.3	93.5 - 95.0 *	-	-		-	-	
55-64	-	-		3,019	90.0	88.4 - 91.4 *	-	-		-	-	
65-74	-	-		896	85.0	80.0 - 88.9 *	-	-		-	-	
75+	-	-		461	77.8	69.4 - 84.2 *	-	-		-	-	

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		2,763	92.3	84.8 - 96.2	-	-		-	-	
Stage												
Localized	-	-		1,167	88.6	87.3 - 89.7	-	-		-	-	
Regional	-	-		307	84.6	78.0 - 89.4	-	-		-	-	
Distant	-	-		163	73.1	63.9 - 80.3 *	-	-		-	-	
Unknown	-	-		1,131	93.9	89.3 - 96.5	-	-		-	-	
Age Group												
15-44	-	-		2,205	97.0	96.0 - 97.8 *	-	-		-	-	
45-54	-	-		367	97.7	93.4 - 99.2 *	-	-		-	-	
55-64	-	-		114	89.8	74.5 - 96.2 *	-	-		-	-	
65-74	-	-		52	94.9	75.9 - 99.0 *	-	-		-	-	
75+	-	-		25	-		-	-		-	-	

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count.	RSR ¹	95% C.I. ¹	Count.	RSR ¹	95% C.I. ¹
Total	-	-		56,527	92.5	91.6 - 93.3	-	-		-	-	
Stage												
Localized	-	-		37,543	98.5	97.9 - 99.0	-	-		-	-	
Regional	-	-		10,357	91.2	88.8 - 93.1	-	-		-	-	
Distant	-	-		6,415	66.3	63.8 - 68.6	-	-		-	-	
Unknown	-	-		2,367	84.7	81.7 - 87.2	-	-		-	-	
Age Group												
15-44	-	-		44,244	96.2	95.9 - 96.4 *	-	-		-	-	
45-54	-	-		7,723	94.4	93.7 - 95.1 *	-	-		-	-	
55-64	-	-		3,133	90.1	88.4 - 91.6 *	-	-		-	-	
65-74	-	-		948	85.8	81.0 - 89.5 *	-	-		-	-	
75+	-	-		486	77.9	69.8 - 84.1 *	-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Testis

II-16 Combined Survival

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Urinary Bladder (incl. in situ)**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	455,951	76.7	76.5 - 76.9	346,408	77.7	77.4 - 77.9	109,543	73.7	73.3 - 74.2			
Race												
White	414,890	77.2	77.0 - 77.4	317,620	78.0	77.7 - 78.2	97,270	74.9	74.5 - 75.3			
Black	25,829	63.9	62.9 - 64.9	17,404	67.1	65.8 - 68.2	8,425	57.2	55.6 - 58.8			
Stage												
Localized/In Situ	387,186	84.6	84.4 - 84.8	296,609	85.1	84.8 - 85.3	90,577	83.1	82.6 - 83.5			
Regional	33,611	34.5	33.7 - 35.3	24,821	35.3	34.3 - 36.3	8,790	32.3	30.9 - 33.8			
Distant	19,795	6.5	5.9 - 7.1	13,872	6.7	6.1 - 7.5	5,923	5.9	5.0 - 6.9			
Unknown	17,739	61.1	59.9 - 62.2	13,045	62.5	61.1 - 63.8	4,694	57.6	55.4 - 59.7			
Age Group												
15-44	8,174	87.5	86.6 - 88.4 *	5,746	89.4	88.3 - 90.3 *	2,428	83.2	81.3 - 84.9 *			
45-54	29,752	82.4	81.8 - 82.9 *	21,930	83.0	82.3 - 83.6 *	7,822	80.6	79.5 - 81.7 *			
55-64	84,840	80.3	79.9 - 80.6 *	65,147	80.5	80.1 - 81.0 *	19,693	79.3	78.6 - 80.1 *			
65-74	138,557	77.8	77.4 - 78.2 *	107,843	78.4	78.0 - 78.9 *	30,714	75.5	74.7 - 76.2 *			
75+	195,637	67.8	67.3 - 68.2 *	146,588	69.5	69.0 - 70.1 *	49,049	62.4	61.6 - 63.3 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	22,830	77.4	76.5 - 78.3	17,357	77.9	76.8 - 78.9	5,473	76.0	74.2 - 77.6			
Stage												
Localized/In Situ	10,593	87.0	85.7 - 88.2	8,038	87.2	85.6 - 88.6	2,555	86.1	83.7 - 88.1			
Regional	1,026	34.7	30.5 - 38.9 *	764	38.0	33.2 - 42.9 *	262	24.2	16.8 - 32.3 *			
Distant	753	5.1	3.2 - 7.7 *	528	6.6	3.6 - 11.0	225	7.7	3.8 - 13.4 *			
Unknown	10,548	76.5	75.2 - 77.8	8,096	76.6	75.0 - 78.1	2,452	76.2	73.6 - 78.6			
Age Group												
15-44	420	89.4	85.3 - 92.5 *	299	91.7	86.7 - 94.8 *	121	84.1	75.2 - 90.0 *			
45-54	1,469	85.9	83.4 - 88.1 *	1,045	86.1	83.0 - 88.6 *	424	85.6	80.8 - 89.2 *			
55-64	4,344	82.6	80.9 - 84.1 *	3,292	82.3	80.3 - 84.1 *	1,052	83.4	80.2 - 86.2 *			
65-74	6,781	78.6	76.9 - 80.2 *	5,323	78.5	76.5 - 80.3 *	1,458	78.7	75.3 - 81.7 *			
75+	9,901	65.7	63.7 - 67.6 *	7,464	67.0	64.6 - 69.3 *	2,437	61.4	57.8 - 64.9 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	478,781	76.7	76.5 - 76.9	363,765	77.7	77.4 - 77.9	115,016	73.9	73.5 - 74.3			
Stage												
Localized/In Situ	397,779	84.7	84.4 - 84.9	304,647	85.1	84.9 - 85.4	93,132	83.1	82.7 - 83.6			
Regional	34,637	34.6	33.8 - 35.4	25,585	35.5	34.5 - 36.4	9,052	32.2	30.8 - 33.6			
Distant	20,548	6.5	6.0 - 7.0	14,400	6.7	6.0 - 7.4	6,148	6.0	5.1 - 6.9			
Unknown	28,287	67.0	66.1 - 67.8	21,141	68.0	66.9 - 69.0	7,146	64.3	62.7 - 65.9			
Age Group												
15-44	8,594	87.6	86.7 - 88.4 *	6,045	89.5	88.4 - 90.4 *	2,549	83.2	81.4 - 84.9 *			
45-54	31,221	82.5	82.0 - 83.1 *	22,975	83.1	82.5 - 83.8 *	8,246	80.9	79.8 - 81.9 *			
55-64	89,184	80.4	80.0 - 80.7 *	68,439	80.6	80.2 - 81.0 *	20,745	79.6	78.8 - 80.3 *			
65-74	145,338	77.8	77.5 - 78.2 *	113,166	78.4	78.0 - 78.9 *	32,172	75.6	74.9 - 76.3 *			
75+	205,538	67.7	67.2 - 68.1 *	154,052	69.4	68.9 - 70.0 *	51,486	62.4	61.6 - 63.2 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Kidney & Renal Pelvis

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	358,498	71.9	71.7 - 72.2	224,869	71.3	71.0 - 71.7	133,629	73.1	72.7 - 73.5
Race									
White	301,803	72.0	71.7 - 72.3	190,403	71.4	71.0 - 71.8	111,400	73.2	72.8 - 73.6
Black	42,370	71.2	70.3 - 72.0	25,415	70.4	69.1 - 71.6	16,955	72.5	71.3 - 73.7
Stage									
Localized	238,746	88.8	88.4 - 89.1	146,160	88.8	88.3 - 89.2	92,586	88.8	88.3 - 89.3
Regional	57,103	64.9	64.3 - 65.6	37,852	66.0	65.2 - 66.9	19,251	63.4	62.3 - 64.4
Distant	50,898	11.9	11.5 - 12.4	33,947	11.9	11.4 - 12.5	16,951	11.7	11.0 - 12.5
Unknown	13,811	48.2	47.0 - 49.4	8,426	47.4	45.8 - 49.0	5,385	50.1	48.1 - 52.0
Age Group									
15-44	28,332	88.4	88.0 - 88.9 *	16,891	86.6	85.9 - 87.2 *	11,441	91.2	90.5 - 91.9 *
45-54	57,110	81.2	80.8 - 81.7 *	37,161	79.4	78.9 - 80.0 *	19,949	84.6	83.9 - 85.3 *
55-64	96,100	75.8	75.4 - 76.2 *	62,792	74.3	73.8 - 74.8 *	33,308	78.6	77.9 - 79.2 *
65-74	99,538	72.8	72.4 - 73.3 *	63,694	72.1	71.5 - 72.7 *	35,844	74.1	73.4 - 74.8 *
75+	77,979	60.0	59.4 - 60.7 *	44,724	61.1	60.2 - 62.0 *	33,255	58.6	57.6 - 59.6 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	14,851	67.3	66.1 - 68.5	9,534	66.8	65.3 - 68.3	5,317	68.5	66.7 - 70.3
Stage									
Localized	5,832	85.4	83.5 - 87.1	3,591	85.6	82.9 - 87.9	2,241	84.4	81.3 - 87.0
Regional	1,808	67.3	63.3 - 70.9	1,230	68.7	64.2 - 72.8	578	62.3	55.4 - 68.4
Distant	1,623	11.1	9.0 - 13.3	1,098	11.4	8.9 - 14.2	525	9.6	6.6 - 13.3
Unknown	5,656	65.7	63.9 - 67.5	3,668	64.8	62.3 - 67.1	1,988	67.9	65.1 - 70.5
Age Group									
15-44	923	87.0	84.1 - 89.4 *	568	84.5	80.5 - 87.8 *	355	90.8	86.4 - 93.8 *
45-54	2,308	81.6	79.4 - 83.5 *	1,480	78.2	75.3 - 80.8 *	828	87.5	84.2 - 90.1 *
55-64	3,997	75.2	73.3 - 77.0 *	2,679	73.5	71.0 - 75.8 *	1,318	78.6	75.4 - 81.3 *
65-74	4,065	68.1	65.8 - 70.2 *	2,699	66.5	63.7 - 69.2 *	1,366	71.1	67.4 - 74.4 *
75+	3,575	49.7	46.9 - 52.4 *	2,121	52.7	48.9 - 56.4 *	1,454	44.9	40.6 - 49.1 *

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	373,349	71.7	71.5 - 72.0	234,403	71.1	70.8 - 71.5	138,946	72.9	72.5 - 73.3
Stage									
Localized	244,578	88.7	88.4 - 89.0	149,751	88.7	88.3 - 89.2	94,827	88.7	88.2 - 89.1
Regional	58,911	65.0	64.4 - 65.6	39,082	66.2	65.3 - 67.0	19,829	63.4	62.3 - 64.4
Distant	52,521	11.9	11.5 - 12.3	35,045	11.9	11.4 - 12.5	17,476	11.7	11.0 - 12.4
Unknown	19,467	53.8	52.8 - 54.8	12,094	53.0	51.7 - 54.3	7,373	55.8	54.3 - 57.4
Age Group									
15-44	29,255	88.4	87.9 - 88.9 *	17,459	86.5	85.8 - 87.1 *	11,796	91.2	90.5 - 91.8 *
45-54	59,418	81.3	80.8 - 81.7 *	38,641	79.4	78.8 - 79.9 *	20,777	84.7	84.1 - 85.4 *
55-64	100,097	75.8	75.4 - 76.2 *	65,471	74.3	73.8 - 74.8 *	34,626	78.6	78.0 - 79.2 *
65-74	103,603	72.6	72.2 - 73.1 *	66,393	71.9	71.3 - 72.4 *	37,210	74.0	73.3 - 74.7 *
75+	81,554	59.6	58.9 - 60.2 *	46,845	60.8	59.9 - 61.7 *	34,709	58.0	57.1 - 58.9 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Brain & Other Nervous System (invasive)**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	125,729	30.5	30.2 - 30.8	70,270	28.8	28.4 - 29.2	55,459	32.8	32.4 - 33.3			
Race												
White	111,947	30.4	30.1 - 30.7	62,815	28.7	28.3 - 29.1	49,132	32.7	32.2 - 33.2			
Black	8,670	29.6	28.5 - 30.8	4,639	27.1	25.6 - 28.7	4,031	32.4	30.7 - 34.1			
Stage												
Localized	99,117	32.0	31.7 - 32.4	55,782	30.3	29.8 - 30.7	43,335	34.4	33.9 - 34.9			
Regional	17,295	20.6	19.8 - 21.5	9,612	19.4	18.3 - 20.5	7,683	22.3	21.0 - 23.6			
Distant	2,156	24.2	21.9 - 26.7	1,186	21.5	18.6 - 24.6	970	27.4	23.7 - 31.2			
Unknown	7,300	31.9	30.6 - 33.3	3,769	29.6	27.8 - 31.5	3,531	34.9	32.8 - 37.0			
Age Group												
15-44	26,394	67.3	66.5 - 68.0 *	14,917	64.5	63.5 - 65.5 *	11,477	70.9	69.8 - 71.9 *			
45-54	19,027	32.1	31.2 - 32.9 *	11,217	29.7	28.6 - 30.8 *	7,810	35.6	34.2 - 36.9 *			
55-64	28,847	16.5	15.9 - 17.0 *	16,491	14.8	14.1 - 15.6 *	12,356	18.6	17.7 - 19.5 *			
65-74	27,012	10.1	9.6 - 10.7 *	15,319	9.2	8.6 - 9.9 *	11,693	11.3	10.5 - 12.2 *			
75+	24,477	5.3	4.9 - 5.8 *	12,341	5.3	4.6 - 5.9 *	12,136	5.4	4.8 - 6.0 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	5,961	26.1	24.8 - 27.5	3,500	25.1	23.4 - 26.9	2,461	22.1	20.1 - 24.2 *			
Stage												
Localized	2,381	26.1	23.9 - 28.5 *	1,376	25.3	22.3 - 28.4 *	1,005	27.3	23.8 - 30.9 *			
Regional	841	13.6	10.8 - 16.9 *	510	13.7	10.1 - 17.8 *	331	13.8	9.1 - 19.3 *			
Distant	58	20.2	9.0 - 34.5 *	35	27.9	11.9 - 46.5 *	23	-				
Unknown	2,682	25.6	23.6 - 27.7	1,580	24.5	22.0 - 27.2	1,102	27.2	24.0 - 30.4			
Age Group												
15-44	1,180	60.9	57.3 - 64.2 *	703	58.4	53.8 - 62.8 *	477	64.4	58.7 - 69.5 *			
45-54	903	29.3	25.5 - 33.2 *	565	29.0	24.2 - 33.9 *	338	29.8	23.5 - 36.4 *			
55-64	1,405	12.8	10.5 - 15.3 *	850	10.5	7.7 - 13.7 *	555	15.9	12.2 - 20.0 *			
65-74	1,265	6.2	4.4 - 8.4 *	750	6.8	4.6 - 9.6 *	515	5.2	2.6 - 9.0 *			
75+	1,210	1.3	0.5 - 2.7 *	633	1.9	0.7 - 4.1 *	577	-				

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	131,690	30.3	30.0 - 30.6	73,770	28.6	28.2 - 29.0	57,920	32.6	32.1 - 33.1			
Stage												
Localized	101,498	32.0	31.6 - 32.3	57,158	30.2	29.8 - 30.7	44,340	34.3	33.8 - 34.8			
Regional	18,136	20.5	19.7 - 21.3	10,122	19.3	18.2 - 20.3	8,014	22.1	20.8 - 23.4			
Distant	2,214	24.1	21.8 - 26.5	1,221	21.7	18.9 - 24.8	993	26.8	23.1 - 30.5			
Unknown	9,982	30.2	29.0 - 31.3	5,349	28.1	26.6 - 29.6	4,633	32.9	31.1 - 34.6			
Age Group												
15-44	27,574	67.0	66.3 - 67.7 *	15,620	64.2	63.3 - 65.2 *	11,954	70.6	69.5 - 71.6 *			
45-54	19,930	32.0	31.1 - 32.8 *	11,782	29.6	28.6 - 30.7 *	8,148	35.3	34.0 - 36.7 *			
55-64	30,252	16.3	15.7 - 16.8 *	17,341	14.6	13.9 - 15.4 *	12,911	18.5	17.6 - 19.4 *			
65-74	28,277	10.0	9.5 - 10.5 *	16,069	9.1	8.5 - 9.8 *	12,208	11.1	10.3 - 11.9 *			
75+	25,687	5.1	4.7 - 5.6 *	12,974	5.1	4.5 - 5.7 *	12,713	5.2	4.6 - 5.8 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Brain & Other Nervous System (non-invasive)**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	260,160	91.4	91.3 - 91.6	83,990	89.6	89.2 - 90.0	176,170	92.3	92.1 - 92.5			
Race												
White	214,867	91.9	91.7 - 92.1	70,402	90.2	89.8 - 90.6	144,465	92.7	92.4 - 92.9			
Black	29,318	87.2	86.6 - 87.8	8,495	83.4	82.1 - 84.7	20,823	88.6	87.9 - 89.3			
Stage												
Localized	3,071	-		1,035	-		2,036	-				
Regional	77	-		33	-		44	-				
Distant	35	-		-	-		26	-				
Unknown	256,790	91.4	91.2 - 91.6	82,841	89.6	89.2 - 89.9	173,949	92.3	92.1 - 92.5			
Age Group												
15-44	41,386	97.2	97.0 - 97.4 *	15,596	96.4	95.9 - 96.8 *	25,790	97.7	97.4 - 97.9 *			
45-54	43,136	95.6	95.3 - 95.9 *	13,698	94.4	93.7 - 94.9 *	29,438	96.2	95.8 - 96.5 *			
55-64	56,023	93.1	92.7 - 93.4 *	18,143	91.3	90.5 - 91.9 *	37,880	94.0	93.5 - 94.3 *			
65-74	55,372	88.8	88.3 - 89.3 *	18,024	86.9	85.9 - 87.8 *	37,348	89.7	89.1 - 90.3 *			
75+	64,403	76.1	75.3 - 76.9 *	18,589	71.7	70.1 - 73.2 *	45,814	77.9	77.0 - 78.8 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	6,381	88.8	87.7 - 89.9	2,271	88.2	86.3 - 89.8	4,110	88.7	87.3 - 90.0			
Stage												
Localized	-	-		-	-		-	-				
Regional	-	-		-	-		-	-				
Distant	-	-		-	-		-	-				
Unknown	6,381	88.8	87.7 - 89.9	2,271	88.2	86.3 - 89.8	4,110	88.7	87.3 - 90.0			
Age Group												
15-44	1,091	98.5	97.4 - 99.1 *	462	98.1	96.0 - 99.1 *	629	98.8	97.4 - 99.4 *			
45-54	1,175	95.7	93.3 - 97.2 *	361	96.6	93.6 - 98.2 *	814	94.9	91.8 - 96.9 *			
55-64	1,459	91.4	88.8 - 93.4 *	507	90.7	85.6 - 94.0 *	952	91.7	88.4 - 94.1 *			
65-74	1,216	85.2	81.7 - 88.1 *	458	86.0	81.5 - 89.5 *	758	82.9	78.3 - 86.7 *			
75+	1,446	62.6	57.7 - 67.1 *	485	57.7	48.8 - 65.7 *	961	64.8	59.2 - 69.8 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	266,541	91.4	91.2 - 91.6	86,261	89.6	89.2 - 90.0	180,280	92.2	92.0 - 92.4			
Stage												
Localized	3,071	-		1,035	-		2,036	-				
Regional	77	-		33	-		44	-				
Distant	35	-		-	-		26	-				
Unknown	263,171	91.4	91.2 - 91.6	85,112	89.6	89.2 - 89.9	178,059	92.2	92.0 - 92.4			
Age Group												
15-44	42,477	97.2	97.0 - 97.5 *	16,058	96.5	96.0 - 96.9 *	26,419	97.7	97.4 - 97.9 *			
45-54	44,311	95.6	95.3 - 95.9 *	14,059	94.4	93.8 - 95.0 *	30,252	96.2	95.8 - 96.5 *			
55-64	57,482	93.0	92.7 - 93.4 *	18,650	91.2	90.5 - 91.9 *	38,832	93.9	93.5 - 94.3 *			
65-74	56,588	88.7	88.2 - 89.2 *	18,482	86.9	86.0 - 87.9 *	38,106	89.6	89.0 - 90.1 *			
75+	65,849	75.9	75.1 - 76.6 *	19,074	71.4	69.8 - 72.9 *	46,775	77.7	76.7 - 78.6 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Thyroid**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	298,586	96.3	96.1 - 96.5	73,616	93.7	93.3 - 94.1	224,970	97.3	97.0 - 97.5			
Race												
White	250,333	96.5	96.3 - 96.6	64,108	93.9	93.4 - 94.3	186,225	97.5	97.3 - 97.7			
Black	23,767	94.2	93.3 - 95.0	4,307	90.1	88.0 - 91.8	19,460	95.1	94.0 - 95.9			
Stage												
Localized	204,782	99.6	99.5 - 99.7	43,884	99.0	98.8 - 99.2	160,898	99.7	99.6 - 99.8			
Regional	76,436	95.2	94.7 - 95.6	23,361	93.4	92.5 - 94.3	53,075	96.0	95.5 - 96.5			
Distant	10,596	60.6	59.4 - 61.7	4,566	54.8	52.8 - 56.7	6,030	64.8	63.4 - 66.2			
Unknown	7,186	85.1	83.8 - 86.3	1,978	82.1	79.6 - 84.4	5,208	86.2	84.6 - 87.6			
Age Group												
15-44	104,984	99.4	99.3 - 99.5 *	19,161	98.5	98.2 - 98.8 *	85,823	99.6	99.5 - 99.7 *			
45-54	69,186	98.1	97.9 - 98.3 *	15,961	95.4	94.8 - 95.9 *	53,225	99.0	98.8 - 99.1 *			
55-64	61,965	96.9	96.6 - 97.2 *	17,699	93.8	93.1 - 94.4 *	44,266	98.2	97.8 - 98.4 *			
65-74	41,603	95.3	94.7 - 95.8 *	13,656	91.4	90.3 - 92.4 *	27,947	97.0	96.5 - 97.5 *			
75+	20,915	88.2	87.1 - 89.2 *	7,158	85.3	83.1 - 87.2 *	13,757	89.5	88.3 - 90.6 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	10,290	93.9	92.8 - 94.9	2,702	89.8	87.5 - 91.7	7,588	95.6	94.5 - 96.5			
Stage												
Localized	4,262	99.2	94.3 - 99.9	905	95.3	89.2 - 98.0	3,357	-				
Regional	1,901	94.3	90.2 - 96.7	628	92.0	85.5 - 95.7	1,273	95.5	89.1 - 98.2			
Distant	310	59.8	52.6 - 66.2	142	57.0	47.5 - 65.5	168	65.8	56.9 - 73.4			
Unknown	3,828	93.0	91.2 - 94.4	1,032	89.0	85.5 - 91.7	2,796	94.5	92.2 - 96.1			
Age Group												
15-44	3,567	99.8	99.4 - 99.9 *	764	99.3	97.9 - 99.8 *	2,803	99.8	98.5 - 100.0 *			
45-54	2,502	98.5	97.2 - 99.2 *	577	96.5	92.6 - 98.3 *	1,925	99.0	97.4 - 99.6 *			
55-64	2,070	95.0	93.2 - 96.4 *	624	88.8	84.5 - 92.0 *	1,446	97.7	95.5 - 98.8 *			
65-74	1,411	92.0	88.6 - 94.4 *	497	85.8	79.0 - 90.5 *	914	95.2	90.8 - 97.5 *			
75+	748	77.8	71.1 - 83.1 *	242	69.8	57.4 - 79.2 *	506	80.7	75.2 - 85.1 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	308,876	96.2	96.0 - 96.4	76,318	93.6	93.2 - 94.0	232,558	97.2	97.0 - 97.4			
Stage												
Localized	209,044	99.6	99.5 - 99.7	44,789	99.0	98.7 - 99.3	164,255	99.7	99.6 - 99.8			
Regional	78,337	95.2	94.7 - 95.6	23,989	93.4	92.5 - 94.2	54,348	96.1	95.5 - 96.5			
Distant	10,906	60.6	59.5 - 61.7	4,708	54.8	52.9 - 56.7	6,198	64.9	63.4 - 66.2			
Unknown	11,014	87.6	86.6 - 88.6	3,010	84.6	82.7 - 86.4	8,004	88.8	87.5 - 89.9			
Age Group												
15-44	108,551	99.4	99.3 - 99.5 *	19,925	98.5	98.2 - 98.8 *	88,626	99.6	99.5 - 99.7 *			
45-54	71,688	98.2	98.0 - 98.3 *	16,538	95.4	94.9 - 95.9 *	55,150	99.0	98.8 - 99.1 *			
55-64	64,035	96.9	96.6 - 97.1 *	18,323	93.6	92.9 - 94.3 *	45,712	98.1	97.8 - 98.4 *			
65-74	43,014	95.2	94.6 - 95.6 *	14,153	91.2	90.1 - 92.2 *	28,861	97.0	96.5 - 97.5 *			
75+	21,663	87.9	86.8 - 88.9 *	7,400	84.8	82.7 - 86.7 *	14,263	89.3	88.1 - 90.3 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Hodgkin Lymphoma**

NAACCR U.S. Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	54,147	83.9	83.5 - 84.3	29,904	82.6	82.0 - 83.1	24,243	85.7	85.1 - 86.2
Race									
White	44,326	84.5	84.1 - 85.0	24,587	83.3	82.7 - 83.9	19,739	86.1	85.5 - 86.7
Black	7,221	79.6	78.0 - 81.2	3,899	77.1	74.8 - 79.3	3,322	82.3	80.1 - 84.3
Stage									
Localized	8,237	90.0	89.1 - 90.9	4,675	89.2	87.8 - 90.5	3,562	91.0	89.6 - 92.1
Regional	19,792	88.2	87.5 - 89.0	9,713	87.4	86.3 - 88.4	10,079	89.1	88.1 - 90.1
Distant	22,218	78.2	77.5 - 78.9	13,391	77.1	76.2 - 78.0	8,827	80.0	78.9 - 81.0
Unknown	3,922	82.9	81.4 - 84.2	2,139	81.3	79.0 - 83.3	1,783	84.7	82.7 - 86.5
Age Group									
15-44	29,690	94.1	93.7 - 94.5 *	15,617	93.1	92.5 - 93.6 *	14,073	95.3	94.8 - 95.7 *
45-54	7,251	86.3	85.2 - 87.3 *	4,560	84.2	82.8 - 85.6 *	2,691	89.8	88.1 - 91.2 *
55-64	6,637	78.1	76.6 - 79.4 *	3,989	75.8	73.8 - 77.6 *	2,648	81.3	79.3 - 83.2 *
65-74	5,573	64.7	62.8 - 66.5 *	3,213	61.8	59.2 - 64.3 *	2,360	68.6	65.8 - 71.2 *
75+	4,996	45.4	43.0 - 47.7 *	2,525	45.4	42.1 - 48.7 *	2,471	45.4	42.1 - 48.5 *

NAACCR Canadian Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	2,231	85.8	83.6 - 87.8	1,274	84.9	82.1 - 87.4	957	86.8	83.2 - 89.7
Stage									
Localized	182	91.8	86.8 - 94.9	120	95.2	86.3 - 98.4	62	88.3	85.4 - 90.7
Regional	551	86.6	80.9 - 90.7	293	84.6	81.2 - 87.4	258	85.6	79.0 - 90.2
Distant	615	82.9	78.6 - 86.4	373	82.4	77.6 - 86.2	242	83.0	75.7 - 88.3
Unknown	883	84.7	80.1 - 88.3	488	81.7	76.4 - 85.9	395	89.7	84.6 - 93.2 *
Age Group									
15-44	1,300	95.4	93.5 - 96.8 *	712	95.5	92.8 - 97.2 *	588	95.5	92.2 - 97.4 *
45-54	264	90.7	84.9 - 94.3 *	167	87.9	79.4 - 93.0 *	97	94.6	86.8 - 97.8 *
55-64	236	84.0	76.5 - 89.3 *	160	84.1	74.7 - 90.2 *	76	83.7	68.3 - 92.1 *
65-74	249	70.1	61.6 - 77.0 *	141	68.7	58.6 - 76.8 *	108	72.5	59.8 - 81.7 *
75+	182	41.0	26.2 - 55.3 *	94	35.9	18.1 - 54.1 *	88	-	

NAACCR North America Combined				MALES			FEMALES		
<i>Subgroup</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>
Total	56,378	84.0	83.6 - 84.4	31,178	82.7	82.1 - 83.3	25,200	85.7	85.2 - 86.3
Stage									
Localized	8,419	90.1	89.1 - 91.0	4,795	89.5	88.1 - 90.7	3,624	90.9	89.6 - 92.1
Regional	20,343	88.2	87.5 - 88.9	10,006	87.4	86.3 - 88.4	10,337	89.1	88.0 - 90.0
Distant	22,833	78.4	77.7 - 79.0	13,764	77.2	76.3 - 78.1	9,069	80.1	79.1 - 81.1
Unknown	4,805	83.2	81.9 - 84.5	2,627	81.5	79.5 - 83.4	2,178	85.2	83.4 - 86.9
Age Group									
15-44	30,990	94.2	93.8 - 94.5 *	16,329	93.2	92.6 - 93.7 *	14,661	95.3	94.8 - 95.7 *
45-54	7,515	86.5	85.4 - 87.5 *	4,727	84.4	82.9 - 85.7 *	2,788	90.0	88.4 - 91.3 *
55-64	6,873	78.3	76.9 - 79.6 *	4,149	76.1	74.2 - 77.9 *	2,724	81.4	79.4 - 83.2 *
65-74	5,822	65.0	63.1 - 66.7 *	3,354	62.0	59.5 - 64.5 *	2,468	68.8	66.1 - 71.3 *
75+	5,178	45.3	43.0 - 47.6 *	2,619	45.2	41.8 - 48.5 *	2,559	45.5	42.3 - 48.6 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Non-Hodgkin Lymphoma**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	425,528	69.9	69.7 - 70.1	231,765	67.4	67.1 - 67.7	193,763	72.9	72.6 - 73.2			
Race												
White	368,854	70.6	70.3 - 70.8	201,779	68.1	67.7 - 68.4	167,075	73.6	73.3 - 73.9			
Black	34,791	61.5	60.5 - 62.4	18,274	58.4	57.0 - 59.8	16,517	64.8	63.6 - 66.0			
Stage												
Localized	112,401	80.7	80.3 - 81.1	58,739	79.3	78.7 - 79.9	53,662	82.2	81.7 - 82.8			
Regional	61,409	73.0	72.4 - 73.5	33,063	71.4	70.6 - 72.2	28,346	74.9	74.1 - 75.6			
Distant	206,927	62.8	62.5 - 63.1	116,451	60.1	59.6 - 60.5	90,476	66.4	65.9 - 66.8			
Unknown	49,651	70.8	70.2 - 71.4	26,233	67.9	66.9 - 68.8	23,418	74.1	73.2 - 74.9			
Age Group												
15-44	39,200	83.1	82.7 - 83.6 *	23,237	80.8	80.2 - 81.4 *	15,963	86.5	85.9 - 87.2 *			
45-54	51,613	80.3	79.9 - 80.8 *	29,495	76.9	76.3 - 77.5 *	22,118	85.0	84.4 - 85.6 *			
55-64	90,455	76.1	75.7 - 76.5 *	50,934	72.9	72.3 - 73.4 *	39,521	80.3	79.8 - 80.9 *			
65-74	111,738	71.5	71.0 - 71.9 *	61,184	69.3	68.7 - 69.9 *	50,554	74.0	73.4 - 74.5 *			
75+	133,316	55.9	55.3 - 56.4 *	67,353	54.1	53.3 - 54.8 *	65,963	57.6	56.9 - 58.3 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	19,644	68.6	67.6 - 69.6	10,847	66.1	64.7 - 67.5	8,797	71.7	70.3 - 73.0			
Stage												
Localized	2,705	79.0	76.4 - 81.4	1,460	77.7	73.6 - 81.2	1,245	80.2	76.5 - 83.5			
Regional	1,762	72.9	69.7 - 75.9	966	70.1	65.2 - 74.4	796	75.3	70.9 - 79.1			
Distant	6,529	62.5	60.7 - 64.2	3,637	59.7	57.2 - 62.1	2,892	65.9	63.3 - 68.3			
Unknown	8,736	68.6	67.1 - 69.9	4,829	65.8	63.7 - 67.7	3,907	71.9	69.9 - 73.7			
Age Group												
15-44	1,638	85.3	83.2 - 87.2 *	1,008	82.3	79.3 - 84.8 *	630	90.2	87.1 - 92.6 *			
45-54	2,429	82.0	79.9 - 83.8 *	1,414	80.0	77.3 - 82.5 *	1,015	84.7	81.5 - 87.3 *			
55-64	4,330	77.8	76.1 - 79.4 *	2,424	74.9	72.5 - 77.1 *	1,906	81.5	79.0 - 83.7 *			
65-74	5,097	69.7	67.7 - 71.5 *	2,848	66.6	63.7 - 69.2 *	2,249	73.2	70.5 - 75.6 *			
75+	6,209	50.7	48.5 - 52.9 *	3,188	49.0	45.8 - 52.1 *	3,021	52.5	49.4 - 55.5 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	445,172	69.8	69.6 - 70.0	242,612	67.4	67.1 - 67.7	202,560	72.8	72.5 - 73.1			
Stage												
Localized	115,106	80.7	80.3 - 81.1	60,199	79.3	78.7 - 79.9	54,907	82.2	81.6 - 82.7			
Regional	63,171	73.0	72.4 - 73.5	34,029	71.4	70.6 - 72.2	29,142	74.9	74.1 - 75.6			
Distant	213,456	62.8	62.5 - 63.1	120,088	60.1	59.7 - 60.5	93,368	66.3	65.9 - 66.8			
Unknown	58,387	70.5	69.9 - 71.1	31,062	67.6	66.7 - 68.4	27,325	73.8	73.1 - 74.6			
Age Group												
15-44	40,838	83.2	82.8 - 83.6 *	24,245	80.8	80.2 - 81.4 *	16,593	86.7	86.0 - 87.3 *			
45-54	54,042	80.4	80.0 - 80.8 *	30,909	77.0	76.4 - 77.6 *	23,133	85.0	84.4 - 85.5 *			
55-64	94,785	76.2	75.8 - 76.6 *	53,358	73.0	72.4 - 73.5 *	41,427	80.4	79.9 - 80.9 *			
65-74	116,835	71.4	71.0 - 71.8 *	64,032	69.2	68.6 - 69.8 *	52,803	73.9	73.4 - 74.5 *			
75+	139,525	55.6	55.1 - 56.1 *	70,541	53.8	53.1 - 54.6 *	68,984	57.4	56.7 - 58.0 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Myeloma**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	149,176	52.8	52.4 - 53.2	82,817	52.2	51.6 - 52.7	66,359	53.7	53.1 - 54.3			
Race												
White	111,924	52.9	52.5 - 53.4	63,993	52.3	51.7 - 53.0	47,931	53.8	53.1 - 54.4			
Black	30,882	51.9	51.0 - 52.8	15,329	50.9	49.5 - 52.2	15,553	53.0	51.8 - 54.3			
Stage												
Localized	7,220	66.5	64.7 - 68.2	4,457	67.6	65.1 - 69.9	2,763	65.1	62.3 - 67.6			
Regional	-	-		-	-		-	-				
Distant	143,332	52.0	51.6 - 52.4	79,199	51.2	50.6 - 51.7	64,133	53.1	52.5 - 53.6			
Unknown	45	29.6	16.9 - 43.6 *	21	28.8	11.7 - 48.5 *	24	29.8	12.7 - 49.3 *			
Age Group												
15-44	4,816	76.2	74.6 - 77.8 *	2,802	74.5	72.3 - 76.6 *	2,014	78.7	76.2 - 81.0 *			
45-54	15,948	67.3	66.3 - 68.4 *	8,941	65.3	63.9 - 66.7 *	7,007	69.9	68.4 - 71.4 *			
55-64	34,514	61.4	60.7 - 62.2 *	19,712	60.4	59.4 - 61.4 *	14,802	62.8	61.6 - 63.9 *			
65-74	44,661	52.9	52.2 - 53.7 *	25,379	52.1	51.1 - 53.1 *	19,282	53.9	52.8 - 55.0 *			
75+	49,403	34.2	33.4 - 34.9 *	26,085	34.8	33.7 - 35.9 *	23,318	33.5	32.4 - 34.6 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	6,119	48.9	46.9 - 50.8	3,520	49.7	47.1 - 52.3	2,599	47.5	44.2 - 50.6			
Stage												
Localized	172	68.4	56.0 - 78.0	114	71.9	53.8 - 83.9	58	61.6	47.5 - 73.0			
Regional	-	-		-	-		-	-				
Distant	3,387	47.5	44.8 - 50.1	1,962	47.3	43.7 - 50.9	1,425	47.9	43.8 - 51.8			
Unknown	2,593	48.6	45.5 - 51.6	1,466	50.3	46.2 - 54.2	1,127	45.9	41.1 - 50.5			
Age Group												
15-44	133	78.4	67.0 - 86.3 *	87	84.7	72.2 - 91.9 *	46	-				
45-54	526	63.4	57.3 - 68.9 *	325	62.8	54.7 - 69.9 *	201	64.3	54.5 - 72.5 *			
55-64	1,360	58.4	54.5 - 62.2 *	825	55.2	50.0 - 60.1 *	535	63.3	57.1 - 68.8 *			
65-74	1,813	46.9	43.2 - 50.6 *	1,081	49.1	44.1 - 54.0 *	732	43.9	38.3 - 49.4 *			
75+	2,297	30.0	26.6 - 33.5 *	1,209	32.0	27.2 - 37.0 *	1,088	28.0	23.4 - 32.8 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	155,295	52.6	52.2 - 53.0	86,337	52.1	51.5 - 52.6	68,958	53.5	52.9 - 54.0			
Stage												
Localized	7,392	66.5	64.8 - 68.3	4,571	67.7	65.3 - 70.0	2,821	65.1	62.4 - 67.6			
Regional	-	-		-	-		-	-				
Distant	146,719	51.9	51.5 - 52.3	81,161	51.1	50.5 - 51.6	65,558	52.9	52.4 - 53.5			
Unknown	2,638	48.5	45.5 - 51.5	1,487	50.1	46.2 - 54.0	1,151	45.8	41.1 - 50.4			
Age Group												
15-44	4,949	76.3	74.7 - 77.8 *	2,889	74.9	72.7 - 76.9 *	2,060	78.4	75.9 - 80.7 *			
45-54	16,474	67.2	66.2 - 68.2 *	9,266	65.2	63.8 - 66.6 *	7,208	69.8	68.3 - 71.2 *			
55-64	35,874	61.3	60.6 - 62.1 *	20,537	60.2	59.2 - 61.2 *	15,337	62.8	61.6 - 63.9 *			
65-74	46,474	52.7	51.9 - 53.4 *	26,460	52.0	51.0 - 53.0 *	20,014	53.5	52.5 - 54.6 *			
75+	51,700	34.0	33.2 - 34.7 *	27,294	34.7	33.6 - 35.8 *	24,406	33.3	32.2 - 34.3 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Leukemias**

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	282,914	55.3	55.0 - 55.5	164,801	55.2	54.9 - 55.6	118,113	55.3	54.9 - 55.7			
Race												
White	245,726	55.7	55.4 - 56.0	144,470	55.6	55.2 - 56.0	101,256	55.9	55.5 - 56.4			
Black	23,520	47.2	46.1 - 48.2	12,563	47.2	45.7 - 48.7	10,957	47.1	45.7 - 48.4			
Stage												
Localized	547	25.1	20.8 - 29.6	315	22.9	17.2 - 29.1	232	27.6	21.4 - 34.0			
Regional	-	-		-	-		-	-				
Distant	282,452	55.3	55.0 - 55.6	164,527	55.3	54.9 - 55.7	117,925	55.3	54.9 - 55.7			
Unknown	55	15.7	7.5 - 26.5 *	32	15.7	5.7 - 30.2 *	23	-				
Age Group												
15-44	30,582	68.6	67.9 - 69.2 *	17,442	68.8	67.9 - 69.7 *	13,140	68.2	67.3 - 69.2 *			
45-54	30,117	69.3	68.6 - 69.9 *	17,571	70.9	70.0 - 71.7 *	12,546	67.0	66.0 - 68.0 *			
55-64	55,287	64.5	64.0 - 65.0 *	33,428	65.0	64.3 - 65.7 *	21,859	63.8	63.0 - 64.6 *			
65-74	72,281	54.5	54.0 - 55.1 *	44,120	53.9	53.2 - 54.6 *	28,161	55.6	54.8 - 56.4 *			
75+	94,926	39.7	39.1 - 40.2 *	52,420	39.1	38.4 - 39.9 *	42,506	40.3	39.4 - 41.1 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	13,563	60.7	59.5 - 61.8	8,275	61.1	59.6 - 62.6	5,288	60.0	58.1 - 61.7			
Stage												
Localized	19	-		13	-		-	-				
Regional	-	-		-	-		-	-				
Distant	7,834	61.8	60.3 - 63.4	4,827	61.3	59.3 - 63.3	3,007	62.4	59.9 - 64.8			
Unknown	5,716	59.1	57.4 - 60.9	3,438	60.8	58.4 - 63.0	2,278	56.8	54.0 - 59.4			
Age Group												
15-44	1,124	74.1	70.8 - 77.0 *	650	76.4	72.1 - 80.2 *	474	70.9	65.9 - 75.3 *			
45-54	1,429	76.9	74.1 - 79.4 *	852	77.9	74.2 - 81.2 *	577	75.3	70.8 - 79.2 *			
55-64	2,841	73.1	70.9 - 75.2 *	1,811	73.7	70.8 - 76.3 *	1,030	72.2	68.6 - 75.5 *			
65-74	3,586	59.5	57.1 - 61.8 *	2,311	59.1	56.0 - 62.0 *	1,275	60.2	56.3 - 63.8 *			
75+	4,595	42.0	39.6 - 44.4 *	2,660	42.6	39.3 - 45.9 *	1,935	41.1	37.5 - 44.7 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	296,477	55.5	55.3 - 55.8	173,076	55.5	55.2 - 55.9	123,401	55.5	55.1 - 55.9			
Stage												
Localized	566	25.2	20.9 - 29.6	328	23.2	17.6 - 29.3	238	27.0	21.0 - 33.3			
Regional	-	-		-	-		-	-				
Distant	290,286	55.5	55.2 - 55.8	169,354	55.5	55.1 - 55.8	120,932	55.5	55.1 - 55.9			
Unknown	5,771	58.9	57.1 - 60.6	3,470	60.5	58.1 - 62.7	2,301	56.5	53.8 - 59.1			
Age Group												
15-44	31,706	68.8	68.1 - 69.4 *	18,092	69.1	68.2 - 69.9 *	13,614	68.3	67.4 - 69.3 *			
45-54	31,546	69.6	69.0 - 70.3 *	18,423	71.2	70.4 - 72.0 *	13,123	67.4	66.4 - 68.4 *			
55-64	58,128	64.9	64.4 - 65.5 *	35,239	65.4	64.7 - 66.1 *	22,889	64.2	63.4 - 65.0 *			
65-74	75,867	54.8	54.3 - 55.3 *	46,431	54.1	53.5 - 54.8 *	29,436	55.8	55.0 - 56.5 *			
75+	99,521	39.8	39.2 - 40.3 *	55,080	39.3	38.6 - 40.1 *	44,441	40.3	39.5 - 41.1 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 for Mesothelioma

NAACCR U.S. Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	20,819	14.6	13.8 - 15.4	15,823	12.1	11.2 - 13.1	4,996	19.5	18.0 - 21.1			
Race												
White	19,350	14.3	13.5 - 15.2	14,766	12.0	11.0 - 13.1	4,584	19.3	17.7 - 21.0			
Black	1,007	14.1	11.3 - 17.0	721	11.0	7.9 - 14.6	286	18.3	13.9 - 23.2			
Stage												
Localized	2,162	23.3	20.4 - 26.2	1,580	20.4	17.0 - 23.9	582	31.8	26.1 - 37.6			
Regional	3,204	15.7	13.7 - 17.9	2,447	13.9	11.7 - 16.3	757	19.5	15.8 - 23.6			
Distant	13,598	11.3	10.3 - 12.2	10,417	9.3	8.2 - 10.4	3,181	15.5	13.7 - 17.3			
Unknown	1,909	22.0	19.3 - 24.7	1,421	18.7	15.5 - 22.1	488	28.5	23.5 - 33.6			
Age Group												
15-44	538	49.1	43.5 - 54.4 *	264	38.6	30.9 - 46.3 *	274	60.0	52.2 - 66.9 *			
45-54	1,106	25.4	22.0 - 28.9 *	667	21.2	17.1 - 25.5 *	439	31.8	26.1 - 37.6 *			
55-64	3,057	16.4	14.7 - 18.1 *	2,165	13.4	11.6 - 15.4 *	892	23.3	19.8 - 27.1 *			
65-74	6,142	9.6	8.5 - 10.7 *	4,822	8.1	7.0 - 9.3 *	1,320	14.8	12.2 - 17.6 *			
75+	9,983	5.3	4.6 - 6.2 *	7,910	5.0	4.2 - 5.9 *	2,073	6.5	4.7 - 8.7 *			

NAACCR Canadian Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	1,415	8.8	6.4 - 11.7	1,153	9.0	6.4 - 12.2	262	12.7	7.2 - 19.7 *			
Stage												
Localized	104	10.9	4.1 - 21.4 *	83	8.6	2.5 - 19.6 *	21	-				
Regional	152	9.7	4.3 - 17.6 *	126	5.4	1.5 - 13.2 *	26	-				
Distant	846	3.6	1.9 - 6.2 *	700	3.0	1.3 - 5.9 *	146	6.8	2.7 - 13.4			
Unknown	313	12.1	7.6 - 17.7	244	11.3	6.7 - 17.1	69	20.2	10.2 - 32.6 *			
Age Group												
15-44	21	-		-	-		13	-				
45-54	67	5.1	0.4 - 19.4 *	42	0.0		25	-				
55-64	231	7.6	3.2 - 14.5 *	181	8.3	3.5 - 15.7 *	50	-				
65-74	455	5.9	3.1 - 10.0 *	367	4.1	1.6 - 8.4 *	88	13.6	5.4 - 25.7 *			
75+	642	3.7	1.7 - 6.9 *	556	2.6	0.8 - 6.2 *	86	10.3	3.2 - 22.3 *			

NAACCR North America Combined				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR ¹	95% C.I. ¹	Count	RSR ¹	95% C.I. ¹
Total	22,234	14.2	13.5 - 15.0	16,976	11.9	11.0 - 12.8	5,258	19.2	17.7 - 20.8			
Stage												
Localized	2,266	22.9	20.2 - 25.8	1,663	20.3	17.0 - 23.8	603	30.7	25.2 - 36.4			
Regional	3,356	15.7	13.7 - 17.8	2,573	13.8	11.6 - 16.1	783	19.8	16.0 - 23.9			
Distant	14,444	11.0	10.1 - 11.9	11,117	9.1	8.0 - 10.2	3,327	15.0	13.3 - 16.9			
Unknown	2,222	20.5	18.1 - 23.0	1,665	17.3	14.4 - 20.3	557	27.5	22.9 - 32.3			
Age Group												
15-44	559	49.2	43.8 - 54.4 *	272	39.8	32.2 - 47.3 *	287	58.9	51.4 - 65.7 *			
45-54	1,173	24.4	21.1 - 27.7 *	709	20.2	16.3 - 24.4 *	464	30.7	25.3 - 36.4 *			
55-64	3,288	15.9	14.2 - 17.6 *	2,346	13.1	11.3 - 15.0 *	942	22.6	19.2 - 26.3 *			
65-74	6,597	9.3	8.3 - 10.4 *	5,189	7.8	6.8 - 9.0 *	1,408	14.7	12.2 - 17.5 *			
75+	10,625	5.2	4.5 - 6.0 *	8,466	4.8	4.1 - 5.7 *	2,159	6.7	4.9 - 8.8 *			

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval



Section III

Five Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2009-2015, by Registry and Race



**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, All Sites (invasive)**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	9,457,477	64.2	64.2 - 64.3	4,784,272	63.4	63.3 - 63.4	4,673,205	64.8	64.7 - 64.9
Alabama	164,995	61.0	60.7 - 61.4	87,403	60.3	59.8 - 60.8	77,592	61.5	61.0 - 62.0
Alaska	17,716	61.5	60.3 - 62.7	9,062	59.6	57.9 - 61.2	8,654	62.8	61.0 - 64.5
Arizona	185,767	62.2	61.8 - 62.5	92,767	60.0	59.6 - 60.5	93,000	64.0	63.5 - 64.4
Arkansas	99,627	61.5	61.0 - 62.0	53,501	60.8	60.1 - 61.4	46,126	61.8	61.1 - 62.5
California	1,037,285	64.6	64.5 - 64.8	516,184	63.7	63.5 - 63.9	521,101	65.2	65.0 - 65.4
CA - Greater California	583,662	64.1	63.9 - 64.3	292,774	62.9	62.6 - 63.1	290,888	65.0	64.7 - 65.2
CA - Greater Bay Area	204,497	67.7	67.4 - 68.0	102,335	67.3	66.8 - 67.7	102,162	67.8	67.3 - 68.2
CA - Los Angeles	249,961	63.2	62.9 - 63.5	121,537	62.3	61.9 - 62.7	128,424	63.6	63.2 - 64.0
Colorado	139,791	68.2	67.8 - 68.6	70,129	68.0	67.5 - 68.6	69,662	68.0	67.5 - 68.6
Connecticut	131,590	67.1	66.7 - 67.5	64,590	66.2	65.7 - 66.8	67,000	67.6	67.1 - 68.1
Delaware	35,342	64.9	64.1 - 65.7	18,282	65.3	64.2 - 66.3	17,060	64.0	62.9 - 65.1
Florida	715,892	64.0	63.9 - 64.2	374,488	62.9	62.6 - 63.1	341,404	64.9	64.7 - 65.1
Georgia	291,561	61.8	61.5 - 62.1	149,587	61.4	60.9 - 61.8	141,974	61.8	61.4 - 62.2
Hawaii	43,832	63.2	62.6 - 63.9	21,700	60.5	59.6 - 61.5	22,132	65.4	64.5 - 66.3
Idaho	48,116	67.2	66.5 - 67.8	24,958	66.4	65.5 - 67.3	23,158	67.6	66.6 - 68.5
Illinois	422,951	65.3	65.1 - 65.6	209,712	64.8	64.5 - 65.1	213,239	65.6	65.3 - 65.9
Iowa	110,530	64.2	63.8 - 64.6	56,420	62.9	62.3 - 63.5	54,110	65.3	64.7 - 65.9
Kentucky	165,680	59.4	59.0 - 59.8	84,742	57.6	57.1 - 58.2	80,938	60.9	60.4 - 61.5
Louisiana	154,838	61.0	60.6 - 61.4	82,980	61.1	60.6 - 61.7	71,858	60.4	59.9 - 61.0
Maine	53,548	64.4	63.8 - 65.0	26,679	62.7	61.8 - 63.5	26,869	65.6	64.8 - 66.4
Maryland	186,413	67.3	67.0 - 67.7	91,658	67.3	66.8 - 67.8	94,755	66.9	66.4 - 67.4
Michigan	345,228	64.2	63.9 - 64.4	176,015	64.0	63.7 - 64.4	169,213	63.9	63.6 - 64.3
MI - Detroit	141,259	63.4	63.0 - 63.8	71,221	64.3	63.7 - 64.8	70,038	62.1	61.6 - 62.7
Minnesota	175,331	69.4	69.1 - 69.8	89,027	68.5	68.1 - 69.0	86,304	69.9	69.5 - 70.4
Mississippi	100,125	59.2	58.7 - 59.7	53,346	58.5	57.8 - 59.2	46,779	59.4	58.6 - 60.1
Missouri	205,148	61.2	60.9 - 61.5	102,663	59.6	59.2 - 60.1	102,485	62.5	62.0 - 62.9
Montana	35,630	63.8	63.0 - 64.6	18,599	63.5	62.3 - 64.6	17,031	63.5	62.4 - 64.6
Nebraska	59,795	65.0	64.4 - 65.6	30,543	64.0	63.1 - 64.8	29,252	65.8	65.0 - 66.6
New Hampshire	50,048	68.5	67.8 - 69.1	25,301	67.8	66.9 - 68.7	24,747	69.0	68.0 - 69.9
New Jersey	315,522	67.1	66.8 - 67.3	155,690	67.3	67.0 - 67.7	159,832	66.4	66.1 - 66.8
New Mexico	56,136	61.8	61.2 - 62.4	28,122	59.9	59.0 - 60.7	28,014	63.3	62.4 - 64.1
New York	695,940	66.4	66.2 - 66.6	345,030	66.3	66.0 - 66.5	350,910	66.1	65.9 - 66.4
North Carolina	329,229	64.0	63.8 - 64.3	167,962	62.9	62.5 - 63.3	161,267	64.9	64.6 - 65.3
North Dakota	23,193	67.7	66.8 - 68.6	12,213	67.2	65.9 - 68.5	10,980	68.1	66.7 - 69.4
Ohio	399,027	63.4	63.2 - 63.7	199,437	62.5	62.1 - 62.8	199,590	64.1	63.7 - 64.4
Oklahoma	120,630	61.5	61.0 - 61.9	62,021	60.8	60.2 - 61.4	58,609	61.6	61.0 - 62.2
Oregon	130,218	66.0	65.6 - 66.4	64,726	65.0	64.4 - 65.5	65,492	66.6	66.0 - 67.1
Pennsylvania	494,167	64.9	64.7 - 65.1	246,113	64.0	63.7 - 64.3	248,054	65.5	65.2 - 65.7
Rhode Island	37,801	65.6	64.9 - 66.3	18,044	64.0	62.9 - 65.1	19,757	66.8	65.8 - 67.8
South Carolina	162,852	62.0	61.6 - 62.4	84,705	60.5	59.9 - 61.0	78,147	63.2	62.6 - 63.7
Tennessee	221,710	61.8	61.5 - 62.2	113,954	61.2	60.7 - 61.6	107,756	62.2	61.7 - 62.6
Texas	656,194	62.3	62.1 - 62.5	332,538	60.6	60.3 - 60.9	323,656	63.8	63.6 - 64.1
Utah	61,991	70.4	69.8 - 70.9	32,265	71.1	70.3 - 71.9	29,726	69.0	68.1 - 69.8
Vermont	23,300	65.6	64.6 - 66.5	11,603	64.5	63.1 - 65.8	11,697	66.3	65.0 - 67.6
Virginia	242,731	63.3	63.0 - 63.6	120,687	62.1	61.7 - 62.5	122,044	64.0	63.6 - 64.5
Washington	221,201	67.3	67.0 - 67.6	110,998	66.4	65.9 - 66.8	110,203	67.9	67.5 - 68.3
WA - Seattle	156,237	67.8	67.5 - 68.2	78,539	67.1	66.6 - 67.7	77,698	68.2	67.7 - 68.7
West Virginia	74,274	60.1	59.5 - 60.6	38,046	58.1	57.4 - 58.9	36,228	61.7	60.9 - 62.5
Wisconsin	197,706	66.1	65.8 - 66.4	100,804	65.3	64.9 - 65.8	96,902	66.6	66.1 - 67.0
Wyoming	16,876	64.7	63.5 - 65.8	8,978	65.5	63.8 - 67.2	7,898	63.0	61.3 - 64.7
NAACCR CDN Combined	437,963	63.3	63.1 - 63.5	225,597	62.8	62.5 - 63.1	212,366	63.4	63.1 - 63.7
Alberta	108,656	64.4	64.0 - 64.8	56,115	64.0	63.4 - 64.6	52,541	64.6	64.0 - 65.2
British Columbia	153,608	63.6	63.2 - 63.9	79,285	63.0	62.5 - 63.5	74,323	63.6	63.1 - 64.1
Manitoba	41,740	61.8	61.1 - 62.5	20,727	60.4	59.4 - 61.3	21,013	62.9	62.0 - 63.8
New Brunswick	30,660	63.9	63.1 - 64.6	16,243	63.6	62.5 - 64.7	14,417	63.8	62.7 - 64.9
Newfoundland and Labrador	22,168	63.2	62.2 - 64.1	11,714	63.4	62.0 - 64.7	10,454	62.5	61.1 - 63.9
Northwest Territory	917	57.8	51.8 - 63.4	454	58.4	49.9 - 65.9	463	54.4	45.9 - 62.1
Nova Scotia	39,495	61.0	60.3 - 61.7	20,175	60.3	59.3 - 61.3	19,320	61.5	60.5 - 62.4
Prince Edward Island	5,709	62.3	60.4 - 64.0	3,012	60.8	58.1 - 63.3	2,697	63.3	60.8 - 65.8
Saskatchewan	35,010	62.3	61.6 - 63.0	17,872	61.8	60.8 - 62.8	17,138	62.5	61.4 - 63.5
NAACCR N.A. Combined	9,895,440	64.2	64.2 - 64.2	5,009,869	63.3	63.3 - 63.4	4,885,571	64.7	64.7 - 64.8

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, All Sites (Standardized - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	9,884,741	64.5	64.5 - 64.5	5,036,914	63.7	63.7 - 63.8	4,847,827	65.3	65.3 - 65.4
Alabama	171,067	62.1	61.8 - 62.4	91,181	61.6	61.2 - 62.1	79,886	62.7	62.2 - 63.1
Alaska	18,358	-		9,462	-		8,896	-	
Arizona	192,834	62.5	62.2 - 62.8	96,819	60.9	60.5 - 61.4	96,015	64.2	63.7 - 64.6
Arkansas	104,265	62.8	62.4 - 63.2	56,448	62.3	61.7 - 62.9	47,817	63.3	62.7 - 64.0
California	1,081,811	63.8	63.7 - 64.0	542,104	62.9	62.7 - 63.1	539,707	64.9	64.7 - 65.0
CA - Greater California	608,621	63.3	63.2 - 63.5	307,492	62.2	61.9 - 62.4	301,129	64.6	64.4 - 64.9
CA - Greater Bay Area	213,182	66.3	66.0 - 66.6	107,378	65.4	65.0 - 65.8	105,804	67.2	66.8 - 67.6
CA - Los Angeles	260,237	62.7	62.4 - 63.0	127,344	62.2	61.8 - 62.6	132,893	63.2	62.8 - 63.6
Colorado	145,326	66.0	65.6 - 66.4	73,391	65.2	64.7 - 65.8	71,935	66.8	66.3 - 67.3
Connecticut	138,156	66.4	66.0 - 66.7	68,286	65.3	64.7 - 65.8	69,870	67.6	67.1 - 68.1
Delaware	37,037	63.7	63.0 - 64.4	19,329	63.3	62.4 - 64.3	17,708	64.1	63.1 - 65.2
Florida	756,977	64.4	64.2 - 64.6	398,960	63.3	63.0 - 63.5	358,017	65.6	65.4 - 65.9
Georgia	304,498	62.1	61.9 - 62.4	157,627	61.7	61.3 - 62.1	146,871	62.6	62.2 - 63.0
Hawaii	45,654	63.2	62.6 - 63.8	22,759	62.5	61.6 - 63.3	22,895	64.0	63.1 - 64.9
Idaho	50,215	64.7	64.1 - 65.3	26,255	63.4	62.6 - 64.2	23,960	66.2	65.3 - 67.1
Illinois	442,933	65.7	65.5 - 65.9	221,301	65.1	64.8 - 65.4	221,632	66.3	66.0 - 66.6
Iowa	116,166	64.1	63.7 - 64.5	59,827	63.2	62.7 - 63.7	56,339	65.1	64.6 - 65.7
Kentucky	173,609	62.8	62.5 - 63.2	89,594	61.7	61.2 - 62.2	84,015	64.1	63.6 - 64.6
Louisiana	162,072	61.7	61.4 - 62.1	87,538	61.9	61.4 - 62.4	74,534	61.5	61.0 - 62.1
Maine	56,131	65.1	64.6 - 65.7	28,225	63.8	63.0 - 64.6	27,906	66.6	65.8 - 67.4
Maryland	194,331	66.1	65.8 - 66.4	96,179	65.3	64.9 - 65.8	98,152	66.9	66.5 - 67.4
Michigan	361,134	64.4	64.1 - 64.6	185,543	63.8	63.5 - 64.2	175,591	65.0	64.6 - 65.3
MI - Detroit	148,244	63.5	63.1 - 63.8	75,406	63.6	63.1 - 64.1	72,838	63.4	62.9 - 63.9
Minnesota	184,011	67.5	67.2 - 67.9	94,220	66.3	65.9 - 66.8	89,791	68.9	68.4 - 69.3
Mississippi	104,443	60.8	60.3 - 61.3	56,106	60.7	60.0 - 61.3	48,337	61.0	60.3 - 61.7
Missouri	214,125	63.2	62.9 - 63.5	107,886	62.4	62.0 - 62.9	106,239	64.0	63.5 - 64.4
Montana	37,299	62.7	62.0 - 63.5	19,633	61.9	60.8 - 62.9	17,666	63.7	62.6 - 64.8
Nebraska	62,554	64.3	63.8 - 64.9	32,213	63.6	62.9 - 64.4	30,341	65.1	64.3 - 65.9
New Hampshire	52,489	66.8	66.2 - 67.5	26,731	65.7	64.8 - 66.5	25,758	68.1	67.3 - 69.0
New Jersey	330,857	65.6	65.4 - 65.9	164,505	65.1	64.7 - 65.4	166,352	66.3	65.9 - 66.6
New Mexico	58,310	61.2	60.6 - 61.8	29,332	59.9	59.1 - 60.7	28,978	62.6	61.8 - 63.4
New York	729,240	66.1	66.0 - 66.3	364,293	65.4	65.2 - 65.7	364,947	66.9	66.7 - 67.1
North Carolina	343,513	64.6	64.3 - 64.8	176,511	63.6	63.3 - 63.9	167,002	65.6	65.3 - 66.0
North Dakota	24,308	-		12,873	-		11,435	-	
Ohio	416,565	63.9	63.7 - 64.1	209,582	63.2	62.9 - 63.5	206,983	64.8	64.4 - 65.1
Oklahoma	125,718	62.4	62.0 - 62.8	65,030	61.7	61.2 - 62.2	60,688	63.1	62.5 - 63.6
Oregon	135,606	65.5	65.2 - 65.9	67,897	64.6	64.1 - 65.1	67,709	66.5	66.0 - 67.1
Pennsylvania	517,802	64.9	64.7 - 65.1	259,837	64.3	64.1 - 64.6	257,965	65.5	65.3 - 65.8
Rhode Island	39,675	65.7	65.1 - 66.4	19,060	64.2	63.3 - 65.2	20,615	67.4	66.4 - 68.3
South Carolina	169,621	62.7	62.4 - 63.1	88,844	61.7	61.2 - 62.2	80,777	63.8	63.3 - 64.3
Tennessee	230,510	63.4	63.2 - 63.7	119,318	63.1	62.7 - 63.5	111,192	63.8	63.4 - 64.2
Texas	681,321	63.6	63.4 - 63.8	347,519	62.6	62.3 - 62.8	333,802	64.7	64.5 - 65.0
Utah	64,471	64.4	63.9 - 65.0	33,811	63.9	63.2 - 64.7	30,660	64.9	64.1 - 65.8
Vermont	24,355	-		12,192	-		12,163	-	
Virginia	252,145	63.5	63.2 - 63.7	126,059	62.6	62.2 - 63.0	126,086	64.4	64.0 - 64.8
Washington	230,877	66.5	66.2 - 66.8	116,662	65.5	65.1 - 65.9	114,215	67.6	67.3 - 68.0
WA - Seattle	163,502	66.6	66.2 - 66.9	82,776	65.6	65.1 - 66.1	80,726	67.6	67.2 - 68.1
West Virginia	77,575	62.7	62.3 - 63.2	40,052	62.0	61.3 - 62.6	37,523	63.6	62.9 - 64.3
Wisconsin	207,254	65.8	65.5 - 66.1	106,560	64.8	64.4 - 65.2	100,694	66.8	66.4 - 67.3
Wyoming	17,523	-		9,360	-		8,163	-	
NAACCR CDN Combined	457,759	63.3	63.1 - 63.5	237,761	62.6	62.3 - 62.9	219,998	64.2	63.9 - 64.5
Alberta	113,491	63.7	63.3 - 64.1	59,109	62.6	62.0 - 63.1	54,382	64.9	64.3 - 65.4
British Columbia	160,463	63.2	62.9 - 63.6	83,484	62.5	62.0 - 62.9	76,979	64.1	63.6 - 64.6
Manitoba	43,609	62.6	62.0 - 63.2	21,821	61.5	60.7 - 62.4	21,788	-	
New Brunswick	31,988	63.9	63.2 - 64.6	17,062	63.4	62.4 - 64.4	14,926	-	
Newfoundland and Labrador	23,223	62.0	61.0 - 62.9	12,402	-		10,821	61.8	60.5 - 63.2
Northwest Territory	950	-		475	-		475	-	
Nova Scotia	41,391	61.9	61.3 - 62.6	21,357	61.4	60.5 - 62.3	20,034	62.5	61.5 - 63.4
Prince Edward Island	6,007	-		3,191	-		2,816	-	
Saskatchewan	36,637	62.1	61.4 - 62.8	18,860	-		17,777	63.3	62.4 - 64.3
NAACCR N.A. Combined	10,342,500	64.5	64.4 - 64.5	5,274,675	63.7	63.6 - 63.7	5,067,825	65.3	65.2 - 65.4

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-2 Survival – All Sites (Standardized - invasive)

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Oral Cavity & Pharynx**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	260,586	60.3	60.0 - 60.7	185,216	59.3	58.8 - 59.7	75,370	63.0	62.4 - 63.5
Alabama	4,963	59.1	56.5 - 61.6	3,536	59.6	56.3 - 62.8	1,427	57.9	53.4 - 62.1
Alaska	552	61.7	52.0 - 70.0	404	63.2	50.5 - 73.5	148	56.1	42.3 - 67.8
Arizona	4,663	60.6	58.2 - 62.9	3,393	60.5	57.6 - 63.3	1,270	60.5	56.1 - 64.6
Arkansas	3,069	57.2	53.8 - 60.4	2,239	56.3	52.2 - 60.3	830	57.5	52.0 - 62.6
California	27,994	60.8	59.8 - 61.7	19,818	59.5	58.3 - 60.7	8,176	63.8	62.1 - 65.3
CA - Greater California	16,339	61.3	60.1 - 62.5	11,688	60.7	59.1 - 62.3	4,651	63.1	61.0 - 65.2
CA - Greater Bay Area	5,470	64.5	62.3 - 66.7	3,819	61.3	58.5 - 64.0	1,651	70.8	67.3 - 73.9
CA - Los Angeles	6,195	55.6	53.5 - 57.6	4,319	53.8	51.2 - 56.3	1,876	58.6	55.0 - 62.0
Colorado	3,906	65.5	62.7 - 68.2	2,774	65.5	61.7 - 68.9	1,132	66.6	62.0 - 70.8
Connecticut	3,383	62.6	59.9 - 65.2	2,306	59.1	55.5 - 62.5	1,077	68.9	64.6 - 72.8
Delaware	960	57.8	52.4 - 62.8	689	54.2	47.8 - 60.2	271	61.9	52.5 - 70.0
Florida	22,144	57.4	56.3 - 58.4	16,282	56.4	55.1 - 57.7	5,862	59.9	57.9 - 61.8
Georgia	8,605	56.5	54.5 - 58.4	6,065	55.8	53.3 - 58.3	2,540	57.3	54.3 - 60.2
Hawaii	1,365	59.0	54.9 - 63.0	945	55.3	50.0 - 60.3	420	63.9	56.5 - 70.5
Idaho	1,466	67.3	63.1 - 71.2	1,005	67.0	61.6 - 71.8	461	68.4	61.6 - 74.2
Illinois	11,609	62.1	60.6 - 63.7	8,210	60.4	58.5 - 62.2	3,399	64.9	62.2 - 67.4
Iowa	3,152	67.0	64.0 - 69.8	2,264	65.2	61.4 - 68.7	888	70.6	65.7 - 75.0
Kentucky	4,874	58.6	55.9 - 61.3	3,534	58.5	55.3 - 61.6	1,340	59.7	55.3 - 63.8
Louisiana	4,495	53.7	51.0 - 56.3	3,292	52.8	49.3 - 56.0	1,203	55.3	50.9 - 59.5
Maine	1,536	63.3	59.3 - 67.1	1,106	61.4	56.3 - 66.1	430	64.8	56.8 - 71.6
Maryland	4,822	63.1	60.9 - 65.2	3,381	61.4	58.2 - 64.3	1,441	64.9	61.1 - 68.4
Michigan	9,212	59.2	57.4 - 60.9	6,494	57.6	55.3 - 59.8	2,718	62.2	59.2 - 65.0
MI - Detroit	3,711	54.3	51.5 - 57.0	2,637	52.3	48.7 - 55.8	1,074	58.1	53.5 - 62.5
Minnesota	4,915	68.8	66.4 - 71.1	3,372	69.8	66.6 - 72.7	1,543	67.6	63.6 - 71.3
Mississippi	2,930	53.3	50.0 - 56.5	2,115	50.7	46.7 - 54.6	815	58.0	52.1 - 63.4
Missouri	5,742	59.3	57.0 - 61.5	4,120	58.2	55.2 - 61.0	1,622	61.8	58.0 - 65.4
Montana	991	54.3	48.4 - 59.8	687	53.4	45.7 - 60.5	304	55.7	45.3 - 64.9
Nebraska	1,611	66.5	62.6 - 70.0	1,134	65.9	60.8 - 70.5	477	67.4	60.8 - 73.1
New Hampshire	1,326	64.7	60.2 - 68.8	943	63.2	57.4 - 68.5	383	66.4	58.5 - 73.1
New Jersey	7,406	61.1	59.3 - 62.8	5,099	59.3	57.0 - 61.5	2,307	64.4	61.4 - 67.3
New Mexico	1,496	53.0	48.9 - 57.0	1,099	53.3	48.2 - 58.2	397	52.7	45.7 - 59.3
New York	16,497	61.0	59.7 - 62.2	11,291	59.2	57.6 - 60.8	5,206	64.3	62.3 - 66.3
North Carolina	9,348	59.6	57.8 - 61.4	6,664	58.3	55.8 - 60.6	2,684	62.9	59.9 - 65.7
North Dakota	643	67.4	61.0 - 72.9	453	65.4	57.3 - 72.3	190	69.0	56.9 - 78.4
Ohio	10,636	59.8	58.1 - 61.5	7,534	57.2	54.9 - 59.4	3,102	64.6	61.7 - 67.3
Oklahoma	3,749	62.6	59.7 - 65.4	2,715	60.9	57.3 - 64.4	1,034	65.3	60.3 - 69.9
Oregon	3,705	65.1	62.0 - 68.0	2,606	64.5	60.3 - 68.3	1,099	64.5	59.7 - 68.9
Pennsylvania	12,621	60.9	59.5 - 62.3	8,740	59.5	57.6 - 61.3	3,881	64.1	61.8 - 66.3
Rhode Island	959	52.1	46.8 - 57.1	662	51.1	44.2 - 57.7	297	51.8	42.8 - 60.1
South Carolina	4,794	54.2	51.6 - 56.7	3,510	52.6	49.3 - 55.8	1,284	58.7	54.3 - 62.8
Tennessee	6,401	58.6	56.2 - 61.0	4,671	57.8	54.7 - 60.8	1,730	60.9	57.0 - 64.5
Texas	18,921	59.3	58.1 - 60.6	13,692	58.4	56.8 - 60.0	5,229	61.5	59.3 - 63.6
Utah	1,420	64.9	59.9 - 69.5	981	66.3	60.7 - 71.3	439	59.9	52.3 - 66.7
Vermont	650	60.6	54.1 - 66.5	474	60.1	52.1 - 67.1	176	61.8	50.2 - 71.5
Virginia	6,714	60.0	57.8 - 62.1	4,837	58.2	55.5 - 60.7	1,877	63.8	60.1 - 67.3
Washington	6,263	65.1	62.9 - 67.2	4,348	64.8	61.9 - 67.6	1,915	65.6	62.0 - 68.9
WA - Seattle	4,389	64.6	61.9 - 67.2	3,033	64.1	60.6 - 67.4	1,356	66.0	61.6 - 70.0
West Virginia	2,069	58.2	54.1 - 62.2	1,504	58.1	53.8 - 62.2	565	58.6	52.1 - 64.5
Wisconsin	5,576	62.4	60.1 - 64.7	3,913	61.1	58.1 - 63.9	1,663	65.7	61.9 - 69.2
Wyoming	433	62.3	54.3 - 69.3	315	60.1	51.6 - 67.5	118	57.3	40.2 - 71.1
NAACCR CDN Combined	10,802	62.7	61.1 - 64.1	7,526	62.1	60.1 - 64.0	3,276	64.1	61.7 - 66.4
Alberta	2,584	58.9	55.7 - 61.9	1,822	56.5	52.6 - 60.2	762	62.5	57.1 - 67.5
British Columbia	3,925	61.4	59.0 - 63.7	2,672	60.5	57.2 - 63.6	1,253	62.9	59.1 - 66.5
Manitoba	1,217	69.2	64.7 - 73.2	837	69.9	63.8 - 75.2	380	66.8	59.8 - 72.8
New Brunswick	662	62.5	56.0 - 68.3	455	65.2	56.9 - 72.3	207	58.9	48.4 - 68.0
Newfoundland and Labrador	497	65.2	56.5 - 72.5	381	62.3	52.8 - 70.4	116	72.8	56.1 - 84.0
Northwest Territory	32	-	-	24	-	-	-	-	-
Nova Scotia	946	63.7	58.9 - 68.1	678	61.3	55.5 - 66.5	268	67.9	59.9 - 74.7
Prince Edward Island	167	68.8	55.6 - 78.9	122	67.6	53.2 - 78.5 *	45	82.0	57.6 - 93.1 *
Saskatchewan	772	59.7	54.6 - 64.5	535	59.9	53.3 - 65.9	237	56.6	48.7 - 63.8
NAACCR N.A. Combined	271,388	60.4	60.1 - 60.8	192,742	59.4	59.0 - 59.8	78,646	63.0	62.5 - 63.6

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	105,020	20.2	19.9 - 20.6	82,847	19.8	19.4 - 20.2	22,173	22.3	21.5 - 23.2
Alabama	1,865	15.6	13.3 - 18.2	1,479	16.5	14.0 - 19.2 *	386	14.7	10.1 - 20.3 *
Alaska	240	28.7	21.3 - 36.5	187	27.4	19.5 - 36.0 *	53	35.9	20.8 - 51.2 *
Arizona	2,252	18.8	16.5 - 21.2	1,805	17.7	15.2 - 20.4	447	24.0	19.1 - 29.2
Arkansas	1,036	15.4	12.2 - 18.9	866	14.6	11.3 - 18.4	170	17.7	10.9 - 25.9 *
California	9,985	18.2	17.1 - 19.3	7,685	17.3	16.1 - 18.6	2,300	21.5	19.0 - 24.1
CA - Greater California	5,896	17.6	16.2 - 19.1	4,639	16.7	15.2 - 18.4	1,257	21.0	17.6 - 24.6
CA - Greater Bay Area	1,980	20.0	17.6 - 22.6	1,452	18.2	15.5 - 21.2	528	23.2	18.4 - 28.5 *
CA - Los Angeles	2,109	18.2	16.0 - 20.6	1,594	18.3	15.8 - 21.0	515	17.6	13.3 - 22.4
Colorado	1,525	20.5	17.4 - 23.7	1,250	20.7	17.4 - 24.2	275	19.1	12.1 - 27.3 *
Connecticut	1,458	25.4	22.0 - 29.0	1,138	24.2	20.7 - 27.8 *	320	21.8	15.2 - 29.2 *
Delaware	384	19.1	13.6 - 25.4 *	305	16.6	10.3 - 24.2 *	79	22.5	12.9 - 33.7
Florida	8,200	22.2	20.8 - 23.5	6,495	21.3	19.8 - 22.8	1,705	25.4	22.4 - 28.5
Georgia	3,092	18.2	16.4 - 20.1	2,428	18.6	16.5 - 20.9	664	16.7	13.1 - 20.6
Hawaii	398	13.8	9.5 - 18.9 *	324	13.9	9.1 - 19.7 *	74	13.2	5.6 - 24.2 *
Idaho	541	17.7	13.5 - 22.3 *	450	18.5	13.9 - 23.5 *	91	13.5	5.5 - 25.1 *
Illinois	4,944	21.1	19.4 - 22.8	3,872	21.4	19.5 - 23.3	1,072	20.6	17.1 - 24.3
Iowa	1,430	20.9	17.9 - 24.0	1,183	20.2	16.9 - 23.7	247	23.3	16.6 - 30.7 *
Kentucky	1,748	16.7	14.2 - 19.4	1,430	15.5	12.8 - 18.5	318	20.4	14.3 - 27.3 *
Louisiana	1,702	16.2	13.7 - 19.0	1,351	14.8	12.1 - 17.8	351	23.9	17.9 - 30.5 *
Maine	852	22.0	17.8 - 26.4	689	21.8	17.4 - 26.6	163	23.8	15.5 - 33.1 *
Maryland	1,951	23.4	20.6 - 26.2	1,515	24.4	21.3 - 27.7	436	19.4	13.9 - 25.6
Michigan	4,470	23.2	21.4 - 25.0	3,513	22.8	20.8 - 24.9	957	23.8	19.8 - 28.1
MI - Detroit	1,584	21.0	18.1 - 24.0	1,188	20.3	17.1 - 23.6	396	20.8	15.6 - 26.6
Minnesota	2,025	22.5	19.8 - 25.2	1,571	22.6	19.5 - 25.7	454	19.8	15.0 - 25.2 *
Mississippi	1,104	14.2	11.0 - 17.9	880	15.6	12.2 - 19.3 *	224	16.8	9.9 - 25.2
Missouri	2,477	16.9	14.9 - 19.1 *	1,981	18.3	16.0 - 20.8 *	496	10.5	6.6 - 15.6 *
Montana	454	21.3	16.0 - 27.1	348	21.4	15.7 - 27.7	106	18.9	10.7 - 28.8 *
Nebraska	711	19.3	15.3 - 23.6	577	16.5	12.3 - 21.3	134	28.0	17.8 - 39.2 *
New Hampshire	775	25.5	21.3 - 29.9	624	24.1	19.4 - 29.1	151	29.6	21.5 - 38.1
New Jersey	3,192	21.8	19.7 - 24.0	2,424	21.8	19.4 - 24.4	768	20.9	16.8 - 25.4 *
New Mexico	619	15.5	11.6 - 19.9 *	513	15.3	11.1 - 20.0 *	106	17.2	8.3 - 28.9 *
New York	7,302	21.6	20.2 - 23.0	5,496	20.0	18.5 - 21.6	1,806	26.5	23.6 - 29.4
North Carolina	3,344	18.6	16.7 - 20.6	2,684	18.1	16.0 - 20.3	660	20.1	15.8 - 24.8 *
North Dakota	262	17.2	11.0 - 24.7 *	208	16.5	9.9 - 24.7 *	54	18.6	4.9 - 39.1 *
Ohio	4,891	18.3	16.6 - 19.9	3,889	18.2	16.4 - 20.2	1,002	18.1	14.8 - 21.7 *
Oklahoma	1,299	18.5	15.5 - 21.9	1,017	16.4	13.2 - 19.9	282	22.3	15.7 - 29.6 *
Oregon	1,581	23.3	20.4 - 26.4	1,247	23.2	19.9 - 26.6	334	22.9	16.6 - 29.8 *
Pennsylvania	5,811	20.2	18.7 - 21.8	4,579	19.8	18.1 - 21.6	1,232	21.2	17.7 - 24.8
Rhode Island	443	26.9	21.7 - 32.3	335	27.7	21.7 - 34.0	108	22.6	15.0 - 31.1
South Carolina	1,870	18.0	15.4 - 20.7	1,470	17.4	14.6 - 20.4	400	18.1	12.8 - 24.2 *
Tennessee	2,417	18.1	15.8 - 20.5	1,964	17.4	14.8 - 20.1	453	21.0	16.2 - 26.2 *
Texas	6,585	21.3	19.8 - 22.8	5,285	21.3	19.6 - 23.0	1,300	22.6	19.5 - 26.0
Utah	502	19.1	14.6 - 23.9	419	20.6	15.9 - 25.8	83	7.6	0.8 - 25.1 *
Vermont	329	21.6	15.8 - 28.0	266	22.2	15.8 - 29.3	63	22.7	12.4 - 35.0 *
Virginia	2,706	19.2	17.0 - 21.4	2,122	17.9	15.6 - 20.3	584	24.3	19.6 - 29.3
Washington	2,590	24.6	22.2 - 26.9	2,036	24.0	21.4 - 26.7	554	26.3	21.6 - 31.1
WA - Seattle	1,700	24.8	22.1 - 27.7 *	1,326	23.7	20.6 - 26.9 *	374	28.2	22.8 - 33.9
West Virginia	960	14.5	11.3 - 18.0	796	16.3	12.7 - 20.3 *	164	12.0	5.3 - 21.6 *
Wisconsin	2,481	20.2	17.9 - 22.7	1,968	20.1	17.5 - 22.8	513	21.8	17.0 - 26.9
Wyoming	217	18.4	12.2 - 25.5	183	17.9	11.6 - 25.4	34	-	-
NAACCR CDN Combined	5,099	15.6	14.2 - 17.2	3,916	15.2	13.5 - 17.0	1,183	17.7	14.6 - 20.9
Alberta	1,264	16.0	13.3 - 19.0	1,011	16.1	13.0 - 19.4	253	15.6	10.3 - 21.9 *
British Columbia	1,915	18.3	15.6 - 21.3	1,420	15.7	13.2 - 18.4 *	495	25.0	19.9 - 30.4
Manitoba	414	13.2	8.7 - 18.5	318	13.2	8.4 - 19.2	96	12.6	4.2 - 25.7 *
New Brunswick	309	12.8	8.1 - 18.6 *	247	14.0	8.6 - 20.6 *	62	-	-
Newfoundland and Labrador	196	16.0	10.0 - 23.3 *	148	16.6	9.7 - 25.1 *	48	13.7	4.4 - 28.4 *
Northwest Territory	12	-	-	-	-	-	-	-	-
Nova Scotia	558	11.8	8.1 - 16.3 *	430	12.6	8.1 - 18.2 *	128	8.7	3.8 - 16.3 *
Prince Edward Island	75	19.4	10.4 - 30.6 *	58	15.0	6.3 - 27.1 *	17	-	-
Saskatchewan	356	11.0	7.2 - 15.7	276	12.5	8.0 - 18.0	80	6.2	1.7 - 15.0 *
NAACCR N.A. Combined	110,119	20.0	19.7 - 20.4	86,763	19.6	19.2 - 20.0	23,356	22.1	21.3 - 22.9

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-4 Survival – Esophagus

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	149,058	32.9	32.5 - 33.2	92,647	29.6	29.1 - 30.0	56,411	38.6	38.0 - 39.2
Alabama	2,466	32.4	29.8 - 35.0	1,487	25.8	22.7 - 28.9	979	42.1	37.9 - 46.3
Alaska	333	27.1	20.8 - 33.7	218	27.2	19.0 - 36.1	115	30.6	20.8 - 40.9 *
Arizona	2,674	28.4	26.1 - 30.8	1,726	26.0	23.1 - 29.0	948	32.5	28.5 - 36.5
Arkansas	1,363	28.4	25.0 - 32.0	880	26.1	22.0 - 30.3	483	30.9	25.2 - 36.8
California	20,260	30.9	30.0 - 31.8	12,225	28.0	26.9 - 29.2	8,035	35.3	33.8 - 36.7
CA - Greater California	9,884	28.5	27.2 - 29.7	6,120	25.2	23.6 - 26.8	3,764	33.7	31.6 - 35.8
CA - Greater Bay Area	3,918	33.3	31.2 - 35.3	2,325	30.7	28.1 - 33.4	1,593	37.2	34.1 - 40.3
CA - Los Angeles	6,461	33.1	31.5 - 34.7	3,782	30.8	28.7 - 32.9	2,679	36.2	33.6 - 38.7
Colorado	1,965	30.5	27.5 - 33.4	1,275	24.7	21.1 - 28.5	690	39.0	34.3 - 43.8
Connecticut	2,403	35.7	33.0 - 38.4	1,484	31.0	27.5 - 34.5	919	42.9	38.5 - 47.3
Delaware	492	28.9	23.5 - 34.6	315	30.1	23.2 - 37.3	177	25.7	18.1 - 34.0
Florida	10,514	33.7	32.5 - 35.0	6,577	30.6	29.0 - 32.2	3,937	39.1	37.0 - 41.2
Georgia	4,410	31.5	29.5 - 33.5	2,646	28.2	25.7 - 30.8	1,764	36.8	33.5 - 40.1
Hawaii	1,057	35.2	31.2 - 39.2	621	31.0	25.9 - 36.3	436	41.7	35.6 - 47.7
Idaho	583	31.8	26.7 - 36.9	389	27.7	21.7 - 34.0	194	38.5	28.8 - 48.0
Illinois	6,885	33.4	31.8 - 35.0	4,275	29.6	27.6 - 31.6	2,610	40.4	37.8 - 42.9
Iowa	1,261	28.4	24.9 - 32.0	820	25.2	21.1 - 29.6 *	441	34.3	28.4 - 40.3
Kentucky	2,222	30.7	27.8 - 33.6	1,384	25.5	22.0 - 29.2	838	38.7	33.8 - 43.5
Louisiana	2,579	26.8	24.5 - 29.3	1,619	25.3	22.3 - 28.4	960	29.5	25.5 - 33.5
Maine	646	34.2	29.0 - 39.5	407	30.7	24.5 - 37.1	239	42.6	32.6 - 52.1
Maryland	2,917	38.6	36.2 - 41.1	1,724	33.8	30.8 - 36.9	1,193	44.4	40.5 - 48.2
Michigan	5,140	34.3	32.5 - 36.1	3,304	30.7	28.4 - 33.0	1,836	40.1	37.1 - 43.0
MI - Detroit	2,332	29.6	27.1 - 32.2	1,428	26.8	23.6 - 30.0	904	33.8	29.7 - 37.9
Minnesota	2,317	32.8	30.1 - 35.5	1,521	27.8	24.5 - 31.1	796	40.6	36.0 - 45.2
Mississippi	1,547	24.6	21.5 - 27.9	955	18.6	15.2 - 22.3	592	33.0	27.8 - 38.2
Missouri	2,573	28.9	26.5 - 31.4	1,662	25.5	22.4 - 28.7	911	33.8	29.7 - 37.9
Montana	399	21.3	15.3 - 27.9 *	247	18.9	12.1 - 26.8	152	25.1	15.4 - 36.0 *
Nebraska	742	28.7	24.0 - 33.6	504	25.9	20.2 - 32.0	238	33.1	25.6 - 40.8
New Hampshire	608	38.3	32.7 - 43.8	383	33.4	27.1 - 39.9	225	47.6	38.8 - 55.9
New Jersey	5,612	35.9	34.1 - 37.7	3,385	31.0	28.7 - 33.3	2,227	44.3	41.3 - 47.2
New Mexico	1,063	28.6	25.0 - 32.3	645	26.2	21.7 - 30.9	418	31.1	25.4 - 36.9 *
New York	13,406	39.8	38.6 - 40.9	8,083	37.4	35.9 - 38.9	5,323	43.3	41.4 - 45.1
North Carolina	4,749	34.7	32.8 - 36.7	2,844	30.1	27.5 - 32.6	1,905	41.8	38.7 - 44.8
North Dakota	317	31.0	24.0 - 38.2	204	26.1	17.7 - 35.3	113	36.5	25.3 - 47.8 *
Ohio	5,778	31.9	30.2 - 33.6	3,685	28.0	25.9 - 30.1	2,093	39.3	36.3 - 42.3
Oklahoma	1,508	28.0	25.0 - 31.1	990	24.4	20.4 - 28.6	518	34.7	29.4 - 40.2
Oregon	1,749	30.4	27.3 - 33.4	1,149	29.3	25.6 - 33.2	600	31.5	26.3 - 36.8
Pennsylvania	7,235	33.2	31.7 - 34.7	4,650	29.5	27.6 - 31.4	2,585	40.2	37.6 - 42.8
Rhode Island	644	35.4	30.0 - 40.9	404	32.8	26.5 - 39.3	240	39.7	30.2 - 48.9
South Carolina	2,562	30.4	27.8 - 33.1	1,628	26.6	23.6 - 29.8	934	37.2	32.8 - 41.6
Tennessee	2,960	32.0	29.6 - 34.4	1,826	27.9	24.8 - 31.0	1,134	38.4	34.7 - 42.0
Texas	11,238	31.4	30.2 - 32.7	6,827	28.6	27.0 - 30.2	4,411	35.8	33.8 - 37.8
Utah	702	28.2	23.8 - 32.8	440	23.7	18.5 - 29.4	262	36.6	29.0 - 44.2
Vermont	244	20.6	13.3 - 28.9 *	163	16.9	9.0 - 26.9 *	81	28.3	16.5 - 41.3 *
Virginia	3,813	32.8	30.7 - 34.8	2,407	30.5	27.9 - 33.2	1,406	36.4	33.0 - 39.9
Washington	3,013	34.6	32.2 - 36.9	1,984	31.9	29.0 - 34.8	1,029	39.3	35.4 - 43.2
WA - Seattle	2,175	34.4	31.6 - 37.1	1,415	32.7	29.1 - 36.2	760	37.3	32.7 - 41.9
West Virginia	1,051	27.5	23.8 - 31.4	664	22.1	17.9 - 26.6 *	387	35.1	27.5 - 42.7
Wisconsin	2,851	35.0	32.6 - 37.3	1,873	32.4	29.4 - 35.4	978	40.0	35.9 - 44.0
Wyoming	207	31.4	23.5 - 39.6	148	30.6	21.1 - 40.6	59	35.2	20.5 - 50.2 *
NAACCR CDN Combined	7,739	26.2	24.8 - 27.6	5,141	25.4	23.8 - 27.2	2,598	27.9	25.5 - 30.3
Alberta	1,803	24.7	21.9 - 27.5	1,180	25.0	21.5 - 28.7	623	24.2	19.8 - 28.7
British Columbia	2,575	26.4	24.1 - 28.8	1,693	24.3	21.4 - 27.2	882	30.6	26.7 - 34.6
Manitoba	816	23.9	20.0 - 28.1	552	22.7	17.7 - 28.0 *	264	25.5	18.4 - 33.1
New Brunswick	584	27.8	23.1 - 32.7	393	26.8	21.2 - 32.8	191	25.6	17.4 - 34.6 *
Newfoundland and Labrador	599	29.6	25.0 - 34.4	406	29.6	24.3 - 35.0	193	30.6	22.5 - 39.1
Northwest Territory	27	-	-	21	-	-	-	-	-
Nova Scotia	599	26.0	21.2 - 30.9	392	24.0	18.7 - 29.8	207	30.0	21.1 - 39.4
Prince Edward Island	88	31.0	19.0 - 43.7 *	65	27.9	14.8 - 42.5 *	23	-	-
Saskatchewan	648	24.9	20.2 - 29.9	439	24.3	18.8 - 30.2	209	26.6	18.3 - 35.7
NAACCR N.A. Combined	156,797	32.5	32.2 - 32.9	97,788	29.4	28.9 - 29.8	59,009	38.1	37.6 - 38.7

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Colon & Rectum**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	875,498	63.6	63.4 - 63.7	456,287	62.3	62.1 - 62.6	419,211	65.0	64.7 - 65.2
Alabama	16,551	61.8	60.6 - 63.0	8,777	61.2	59.4 - 62.9	7,774	63.0	61.2 - 64.6
Alaska	1,859	62.0	58.2 - 65.6	1,009	60.8	55.5 - 65.7	850	61.9	56.1 - 67.2
Arizona	16,979	62.0	60.9 - 63.2	9,025	60.8	59.2 - 62.4	7,954	63.4	61.8 - 64.9
Arkansas	9,959	61.4	59.9 - 62.9	5,310	59.5	57.3 - 61.7	4,649	63.6	61.4 - 65.7
California	97,502	63.7	63.3 - 64.2	50,860	62.5	61.8 - 63.1	46,642	65.1	64.5 - 65.8
CA - Greater California	53,728	63.7	63.1 - 64.3	28,256	62.3	61.4 - 63.2	25,472	65.2	64.3 - 66.1
CA - Greater Bay Area	18,640	66.2	65.2 - 67.3	9,596	65.0	63.5 - 66.5	9,044	67.4	65.9 - 68.8
CA - Los Angeles	25,170	61.7	60.8 - 62.6	13,033	60.6	59.3 - 61.9	12,137	63.1	61.8 - 64.4
Colorado	11,854	65.0	63.6 - 66.4	6,176	63.8	61.8 - 65.8	5,678	66.4	64.5 - 68.3
Connecticut	11,307	66.0	64.6 - 67.3	5,695	66.4	64.4 - 68.4	5,612	65.8	63.8 - 67.6
Delaware	2,814	65.0	62.2 - 67.7	1,460	64.5	60.2 - 68.4	1,354	65.6	61.6 - 69.3
Florida	64,340	62.7	62.1 - 63.3	33,943	60.7	59.8 - 61.5	30,397	65.2	64.4 - 66.0
Georgia	27,548	60.7	59.7 - 61.7	14,514	58.9	57.5 - 60.3	13,034	62.5	61.2 - 63.9
Hawaii	4,825	65.3	63.3 - 67.4	2,671	64.1	61.1 - 66.9	2,154	67.2	64.2 - 70.0
Idaho	4,152	63.5	61.2 - 65.8	2,220	60.2	57.0 - 63.3	1,932	66.8	63.3 - 70.2
Illinois	41,779	66.0	65.3 - 66.7	21,781	65.1	64.0 - 66.1	19,998	67.1	66.0 - 68.1
Iowa	11,203	65.4	64.0 - 66.8	5,768	64.5	62.5 - 66.5	5,435	66.2	64.2 - 68.2
Kentucky	16,796	63.5	62.3 - 64.7	8,881	61.8	59.9 - 63.5	7,915	65.1	63.4 - 66.8
Louisiana	15,862	62.3	61.1 - 63.6	8,459	61.6	59.8 - 63.4	7,403	63.2	61.5 - 64.9
Maine	4,542	65.6	63.4 - 67.7	2,307	64.2	61.0 - 67.2	2,235	66.9	63.9 - 69.7
Maryland	15,921	64.5	63.3 - 65.7	7,920	62.1	60.3 - 63.8	8,001	66.6	64.9 - 68.2
Michigan	30,213	63.9	63.0 - 64.8	15,499	62.8	61.5 - 64.0	14,714	65.0	63.8 - 66.2
MI - Detroit	12,573	62.7	61.3 - 64.0	6,260	61.7	59.8 - 63.6	6,313	63.6	61.7 - 65.4
Minnesota	15,447	68.3	67.1 - 69.5	7,987	66.5	64.7 - 68.1	7,460	70.0	68.4 - 71.6
Mississippi	10,897	60.7	59.2 - 62.2	5,750	59.6	57.3 - 61.7	5,147	61.6	59.6 - 63.6
Missouri	19,912	63.1	62.0 - 64.1	10,420	62.0	60.4 - 63.6	9,492	64.3	62.8 - 65.8
Montana	3,295	62.9	60.2 - 65.5	1,820	63.0	59.1 - 66.6	1,475	62.6	58.7 - 66.3
Nebraska	6,128	67.5	65.6 - 69.4	3,180	67.2	64.4 - 69.9	2,948	67.9	65.2 - 70.5
New Hampshire	4,012	66.1	63.6 - 68.4	2,051	64.8	60.9 - 68.3	1,961	67.1	63.9 - 70.2
New Jersey	29,255	63.2	62.4 - 64.1	14,661	60.7	59.5 - 62.0	14,594	65.7	64.5 - 66.9
New Mexico	5,270	58.0	56.0 - 60.0	2,850	57.1	54.2 - 59.9	2,420	59.0	56.1 - 61.8
New York	61,323	64.1	63.5 - 64.6	30,796	63.3	62.5 - 64.2	30,527	65.0	64.2 - 65.8
North Carolina	28,027	62.7	61.8 - 63.7	14,496	61.1	59.7 - 62.4	13,531	64.4	63.2 - 65.7
North Dakota	2,452	68.0	65.2 - 70.7	1,325	64.9	60.7 - 68.7	1,127	71.3	67.3 - 75.0
Ohio	38,174	63.8	63.0 - 64.6	19,697	62.7	61.6 - 63.9	18,477	65.1	64.0 - 66.2
Oklahoma	11,926	62.2	60.7 - 63.6	6,250	60.2	58.1 - 62.2	5,676	64.2	62.1 - 66.1
Oregon	11,092	65.6	64.2 - 67.0	5,782	64.6	62.7 - 66.5	5,310	66.6	64.7 - 68.5
Pennsylvania	46,685	63.8	63.1 - 64.5	23,904	63.2	62.1 - 64.2	22,781	64.6	63.7 - 65.6
Rhode Island	3,120	63.5	60.8 - 66.2	1,517	63.8	59.6 - 67.6	1,603	63.5	59.7 - 67.0
South Carolina	14,424	61.9	60.6 - 63.2	7,547	60.0	58.2 - 61.7	6,877	63.9	62.1 - 65.7
Tennessee	20,244	62.5	61.4 - 63.5	10,421	61.9	60.3 - 63.5	9,823	63.2	61.7 - 64.7
Texas	64,525	62.9	62.3 - 63.5	35,487	61.9	61.0 - 62.7	29,038	64.1	63.2 - 65.0
Utah	4,821	63.1	60.9 - 65.2	2,537	62.4	59.3 - 65.3	2,284	63.5	60.3 - 66.5
Vermont	1,945	63.0	59.6 - 66.2	972	62.4	57.2 - 67.2	973	64.2	59.5 - 68.5
Virginia	21,731	61.9	60.9 - 63.0	11,132	60.9	59.3 - 62.4	10,599	63.3	61.8 - 64.7
Washington	18,413	65.9	64.8 - 66.9	9,606	64.8	63.1 - 66.3	8,807	67.3	65.8 - 68.8
WA - Seattle	12,841	65.4	64.1 - 66.7	6,722	63.9	62.0 - 65.8	6,119	67.4	65.5 - 69.1
West Virginia	7,643	60.7	58.9 - 62.4	4,007	59.1	56.5 - 61.6	3,636	62.4	59.9 - 64.8
Wisconsin	17,237	65.5	64.3 - 66.6	8,990	64.1	62.4 - 65.7	8,247	66.7	65.1 - 68.3
Wyoming	1,494	62.0	58.0 - 65.7	827	60.0	54.8 - 64.9	667	63.7	58.1 - 68.8
NAACCR CDN Combined	59,102	65.8	65.2 - 66.4	32,888	65.3	64.5 - 66.1	26,214	66.4	65.5 - 67.3
Alberta	13,304	65.7	64.5 - 67.0	7,515	64.5	62.8 - 66.3	5,789	67.1	65.4 - 68.8
British Columbia	20,466	66.1	65.0 - 67.1	11,345	65.7	64.2 - 67.1	9,121	66.6	65.1 - 68.1
Manitoba	5,778	65.2	63.3 - 67.1	3,214	64.7	62.0 - 67.2	2,564	66.0	63.1 - 68.7
New Brunswick	3,942	66.7	64.4 - 68.9	2,187	67.3	64.0 - 70.4	1,755	65.8	62.4 - 69.0
Newfoundland and Labrador	3,809	64.9	62.4 - 67.3	2,151	66.2	62.8 - 69.4	1,658	63.3	59.7 - 66.6
Northwest Territory	173	72.4	57.1 - 83.0	91	64.2	43.4 - 79.0 *	82	73.5	55.9 - 84.9
Nova Scotia	5,624	63.3	61.5 - 65.1	3,055	61.8	59.1 - 64.5	2,569	64.4	61.7 - 67.0
Prince Edward Island	805	61.1	55.7 - 66.0	428	59.0	52.0 - 65.2	377	59.3	51.0 - 66.6
Saskatchewan	5,201	66.9	64.9 - 68.9	2,902	66.0	63.2 - 68.6	2,299	67.8	64.9 - 70.4
NAACCR N.A. Combined	934,600	63.7	63.6 - 63.9	489,175	62.5	62.3 - 62.8	445,425	65.1	64.8 - 65.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-6 Survival – Colon & Rectum

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Liver & Intrahepatic Bile Duct**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	180,212	17.2	16.9 - 17.4	130,015	16.2	15.9 - 16.6	50,197	19.7	19.2 - 20.2
Alabama	2,629	11.2	9.5 - 13.1	1,886	10.5	8.4 - 12.9	743	11.6	8.7 - 15.0
Alaska	397	17.2	11.3 - 24.1	300	17.4	12.0 - 23.6 *	97	25.3	14.0 - 38.2
Arizona	3,833	16.6	14.9 - 18.5	2,672	15.4	13.3 - 17.7	1,161	18.5	15.5 - 21.8
Arkansas	1,527	15.2	12.4 - 18.1	1,118	14.1	11.0 - 17.5	409	17.8	12.4 - 24.0 *
California	26,667	17.4	16.7 - 18.1	19,083	16.3	15.4 - 17.1	7,584	20.3	19.0 - 21.7
CA - Greater California	14,004	15.7	14.7 - 16.7	10,159	14.3	13.1 - 15.5	3,845	19.2	17.5 - 21.1
CA - Greater Bay Area	5,837	21.5	19.9 - 23.2	4,174	20.9	18.9 - 22.9	1,663	23.3	20.4 - 26.4
CA - Los Angeles	6,829	16.8	15.4 - 18.2	4,751	15.9	14.3 - 17.6	2,078	19.7	17.2 - 22.4
Colorado	2,707	17.7	15.5 - 20.0	1,950	15.9	13.1 - 18.9	757	21.9	18.1 - 25.9
Connecticut	2,407	18.2	15.7 - 20.7	1,769	17.9	15.0 - 21.0	638	19.3	15.0 - 23.9
Delaware	663	19.6	15.0 - 24.7	505	15.9	10.9 - 21.8	158	27.9	19.5 - 37.0
Florida	12,972	17.5	16.5 - 18.5	9,436	16.9	15.7 - 18.2	3,536	19.4	17.4 - 21.5
Georgia	5,161	14.8	13.3 - 16.4	3,741	14.3	12.4 - 16.4	1,420	17.3	14.5 - 20.2
Hawaii	1,266	16.1	13.3 - 19.2	892	14.6	11.2 - 18.4	374	16.8	11.8 - 22.4 *
Idaho	755	10.8	7.4 - 14.8	541	11.5	7.2 - 16.8	214	10.3	4.9 - 17.9 *
Illinois	6,901	20.2	18.8 - 21.7	4,869	19.1	17.4 - 20.9	2,032	22.6	20.2 - 25.2
Iowa	1,523	13.8	11.2 - 16.7	1,076	12.7	9.7 - 16.1	447	15.6	11.2 - 20.6 *
Kentucky	2,706	14.4	12.3 - 16.7	1,933	13.5	11.0 - 16.3	773	16.2	12.6 - 20.3
Louisiana	3,107	14.0	12.1 - 16.0	2,429	12.6	10.3 - 15.1	678	17.3	13.7 - 21.2
Maine	652	11.4	7.9 - 15.6 *	475	10.9	6.7 - 16.3 *	177	12.6	6.7 - 20.5 *
Maryland	3,414	21.1	18.8 - 23.5	2,470	18.2	15.3 - 21.3	944	26.4	22.3 - 30.7
Michigan	5,450	19.8	18.1 - 21.6	3,827	18.9	16.7 - 21.2	1,623	21.9	18.9 - 25.0
MI - Detroit	2,549	17.6	15.3 - 20.1	1,862	16.5	13.7 - 19.6	687	21.7	17.6 - 26.1 *
Minnesota	2,330	21.0	18.5 - 23.7	1,642	18.4	15.3 - 21.6	688	25.9	21.5 - 30.4
Mississippi	1,771	14.2	11.7 - 16.9	1,323	12.3	9.6 - 15.4	448	19.2	14.3 - 24.7
Missouri	3,553	14.4	12.5 - 16.3	2,604	14.1	11.9 - 16.4	949	15.9	12.5 - 19.6
Montana	480	12.2	7.9 - 17.4	342	13.9	8.3 - 20.8 *	138	10.4	4.8 - 18.5 *
Nebraska	779	14.4	11.1 - 18.1	566	14.3	10.2 - 19.0 *	213	17.1	11.8 - 23.3
New Hampshire	621	17.7	13.1 - 23.0	478	15.7	10.8 - 21.3 *	143	20.3	11.8 - 30.5 *
New Jersey	5,166	18.5	16.9 - 20.2	3,728	18.1	16.2 - 20.1	1,438	20.1	17.1 - 23.4
New Mexico	1,522	14.4	11.9 - 17.2 *	1,122	15.0	12.2 - 18.1 *	400	12.5	7.9 - 18.2 *
New York	13,626	21.6	20.6 - 22.6	9,768	20.7	19.4 - 21.9	3,858	24.0	22.1 - 25.9
North Carolina	5,848	14.6	13.1 - 16.1	4,244	13.9	12.1 - 15.8	1,604	16.4	13.9 - 19.1
North Dakota	211	11.1	5.9 - 18.3 *	143	11.4	5.2 - 20.4 *	68	10.5	2.8 - 24.2 *
Ohio	5,786	15.7	14.3 - 17.3	4,106	13.8	12.1 - 15.6	1,680	19.1	16.4 - 21.9
Oklahoma	2,085	16.6	14.1 - 19.3	1,470	16.2	12.9 - 19.8	615	18.1	14.1 - 22.5
Oregon	2,795	17.3	14.9 - 19.8	2,023	16.4	13.5 - 19.5	772	18.7	14.7 - 23.1
Pennsylvania	8,575	17.2	16.0 - 18.5	6,274	17.6	16.0 - 19.2	2,301	16.4	14.1 - 18.8
Rhode Island	686	15.1	11.5 - 19.3	506	15.2	10.8 - 20.4	180	14.5	8.8 - 21.6 *
South Carolina	2,797	14.4	12.3 - 16.7	2,092	14.6	12.0 - 17.4	705	16.5	12.6 - 20.8
Tennessee	3,713	13.8	12.0 - 15.8	2,678	13.6	11.3 - 16.1	1,035	15.0	11.7 - 18.7
Texas	18,782	16.5	15.7 - 17.4	13,571	14.8	13.7 - 15.9	5,211	20.6	19.0 - 22.2
Utah	983	13.8	10.6 - 17.3	692	15.3	11.3 - 19.8 *	291	15.9	10.2 - 22.9
Vermont	311	20.6	14.7 - 27.2 *	244	21.8	15.3 - 29.0 *	67	15.9	4.5 - 33.6 *
Virginia	4,068	15.9	14.2 - 17.8	2,979	14.6	12.5 - 16.8	1,089	20.1	16.8 - 23.6
Washington	4,638	18.5	16.7 - 20.4	3,355	17.6	15.3 - 19.9	1,283	21.3	18.1 - 24.6
WA - Seattle	3,480	17.6	15.6 - 19.8	2,524	17.2	14.8 - 19.9	956	19.2	15.4 - 23.3
West Virginia	1,065	11.8	8.9 - 15.1	779	12.4	9.1 - 16.2 *	286	13.4	8.8 - 19.1 *
Wisconsin	3,021	19.0	17.0 - 21.2	2,126	19.4	17.0 - 21.9 *	895	22.2	18.8 - 25.8
Wyoming	263	13.3	8.1 - 19.8 *	188	12.0	6.2 - 19.7 *	75	13.9	5.0 - 27.1 *
NAACCR CDN Combined	6,664	16.2	14.8 - 17.5	4,628	15.5	14.0 - 17.2	2,036	17.8	15.3 - 20.5
Alberta	1,738	21.0	18.2 - 23.9	1,216	22.1	18.5 - 25.8	522	19.0	14.6 - 23.9
British Columbia	2,901	15.0	13.1 - 17.1	2,077	13.8	11.5 - 16.2	824	17.3	13.6 - 21.4
Manitoba	556	11.0	7.3 - 15.6 *	358	10.8	6.2 - 16.8 *	198	11.3	5.6 - 19.2 *
New Brunswick	323	8.8	4.7 - 14.5 *	200	7.3	3.3 - 13.4	123	11.0	4.1 - 21.8 *
Newfoundland and Labrador	258	17.1	12.1 - 22.8	165	15.3	9.5 - 22.5 *	93	21.0	12.8 - 30.6 *
Northwest Territory	12	-	-	-	-	-	-	-	-
Nova Scotia	447	14.8	9.8 - 20.6 *	321	14.0	8.4 - 20.9 *	126	17.0	8.0 - 28.9 *
Prince Edward Island	60	31.7	18.1 - 46.2 *	43	32.9	16.7 - 50.0 *	17	-	-
Saskatchewan	369	7.8	3.9 - 13.4 *	241	9.2	4.2 - 16.6 *	128	4.7	0.6 - 16.0 *
NAACCR N.A. Combined	186,876	17.1	16.8 - 17.4	134,643	16.2	15.9 - 16.5	52,233	19.6	19.1 - 20.1

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Pancreas

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	276,718	12.0	11.8 - 12.2	142,171	11.3	11.0 - 11.5	134,547	13.0	12.7 - 13.3
Alabama	4,802	11.4	10.1 - 12.8	2,470	11.1	9.2 - 13.2	2,332	11.6	9.8 - 13.5
Alaska	480	11.6	8.3 - 15.6	254	13.1	8.1 - 19.3 *	226	8.4	4.6 - 13.6 *
Arizona	5,714	10.6	9.4 - 11.9	3,025	9.9	8.3 - 11.8	2,689	11.5	9.7 - 13.4
Arkansas	2,573	9.3	7.4 - 11.4	1,390	7.5	5.5 - 9.7 *	1,183	10.7	7.9 - 14.0
California	30,728	10.9	10.3 - 11.4	15,718	10.1	9.3 - 10.8	15,010	11.8	11.0 - 12.7
CA - Greater California	16,978	10.1	9.4 - 10.8	8,810	9.0	8.1 - 10.1	8,168	11.1	10.1 - 12.2
CA - Greater Bay Area	6,174	13.4	12.1 - 14.8	3,144	12.7	11.1 - 14.5	3,030	14.6	12.6 - 16.8
CA - Los Angeles	7,577	10.5	9.4 - 11.6	3,764	9.9	8.5 - 11.4	3,813	11.4	9.8 - 13.1
Colorado	3,777	11.2	9.7 - 12.8	1,988	9.7	7.5 - 12.1	1,789	12.6	10.4 - 15.0
Connecticut	4,063	12.8	11.1 - 14.6	1,994	11.0	8.8 - 13.4	2,069	13.5	11.3 - 15.8
Delaware	1,059	11.2	8.5 - 14.4	562	10.9	7.6 - 14.8 *	497	10.8	7.1 - 15.5
Florida	21,650	13.8	13.1 - 14.6	11,438	13.0	12.0 - 13.9	10,212	14.9	13.8 - 16.0
Georgia	8,289	9.8	8.9 - 10.9	4,245	8.9	7.6 - 10.3	4,044	10.8	9.3 - 12.4
Hawaii	1,524	11.2	8.9 - 13.8	796	11.7	8.8 - 15.0	728	11.3	8.3 - 14.9
Idaho	1,449	8.8	6.6 - 11.3	783	7.4	5.1 - 10.1 *	666	9.8	6.5 - 13.8
Illinois	12,490	14.5	13.6 - 15.4	6,332	14.6	13.4 - 15.9	6,158	14.7	13.4 - 16.1
Iowa	3,294	9.8	8.1 - 11.6	1,676	8.9	6.7 - 11.3	1,618	11.3	8.9 - 14.1
Kentucky	4,482	9.7	8.4 - 11.0	2,356	8.4	6.9 - 10.1	2,126	10.8	8.6 - 13.1
Louisiana	4,672	7.8	6.7 - 9.1	2,403	6.6	5.2 - 8.2 *	2,269	9.1	7.4 - 11.0
Maine	1,570	10.2	7.8 - 12.9	792	9.0	6.5 - 12.0	778	6.6	4.2 - 9.8 *
Maryland	5,435	16.5	15.1 - 17.9	2,733	14.6	12.6 - 16.7	2,702	18.0	16.1 - 20.0
Michigan	10,540	12.9	11.9 - 13.9	5,336	11.7	10.5 - 13.1	5,204	14.5	13.1 - 16.0
MI - Detroit	4,517	10.2	8.9 - 11.7	2,233	9.2	7.5 - 11.0	2,284	11.6	9.7 - 13.8
Minnesota	4,762	12.2	10.8 - 13.8	2,597	12.2	10.3 - 14.4	2,165	12.8	10.7 - 15.1
Mississippi	3,119	9.3	7.8 - 10.9	1,620	8.8	6.8 - 11.0	1,499	9.7	7.5 - 12.3
Missouri	5,944	9.8	8.7 - 11.0	3,056	9.3	7.8 - 10.9	2,888	10.2	8.6 - 12.0
Montana	969	11.8	9.1 - 15.0	513	7.3	3.9 - 12.1 *	456	13.2	9.1 - 18.1
Nebraska	1,718	12.2	9.8 - 14.9	886	10.7	8.1 - 13.8 *	832	10.4	7.4 - 13.9 *
New Hampshire	1,297	10.8	8.7 - 13.1	706	11.6	8.9 - 14.6	591	9.9	6.6 - 13.9 *
New Jersey	9,553	12.9	11.8 - 14.0	4,738	12.3	10.8 - 13.8	4,815	13.9	12.4 - 15.4
New Mexico	1,675	8.6	6.8 - 10.7	876	7.5	5.2 - 10.3	799	6.6	4.6 - 9.2 *
New York	21,338	14.5	13.8 - 15.2	10,645	13.3	12.3 - 14.3	10,693	16.0	15.0 - 17.0
North Carolina	9,122	10.9	9.9 - 11.9	4,705	8.8	7.5 - 10.1	4,417	13.1	11.6 - 14.7
North Dakota	622	8.7	5.8 - 12.2 *	334	6.9	3.4 - 12.2 *	288	10.3	6.4 - 15.4 *
Ohio	11,076	10.9	10.0 - 11.8	5,518	9.9	8.7 - 11.2	5,558	12.0	10.7 - 13.3
Oklahoma	3,273	9.0	7.4 - 10.7	1,705	8.3	6.5 - 10.4 *	1,568	9.4	7.3 - 11.9
Oregon	3,895	12.0	10.5 - 13.7	2,039	11.0	9.0 - 13.3	1,856	13.3	11.0 - 15.7
Pennsylvania	14,977	12.0	11.2 - 12.9	7,629	11.3	10.2 - 12.5	7,348	12.9	11.6 - 14.2
Rhode Island	1,043	11.2	8.5 - 14.4 *	544	12.4	8.6 - 16.9 *	499	8.9	4.7 - 14.7 *
South Carolina	4,795	10.1	8.9 - 11.5	2,450	9.4	7.7 - 11.2	2,345	11.3	9.4 - 13.4
Tennessee	5,875	10.4	9.3 - 11.5	3,000	9.4	7.9 - 11.1	2,875	11.5	10.0 - 13.2
Texas	18,935	14.2	13.5 - 15.0	9,811	13.2	12.3 - 14.2	9,124	15.4	14.4 - 16.5
Utah	1,740	10.4	8.4 - 12.8	917	11.3	8.3 - 14.9	823	8.3	5.5 - 11.9
Vermont	651	8.3	5.3 - 12.1 *	353	7.7	3.7 - 13.7 *	298	8.4	4.6 - 13.6 *
Virginia	7,007	10.2	9.1 - 11.3	3,603	9.4	8.0 - 10.8	3,404	11.1	9.6 - 12.8
Washington	6,358	11.4	10.2 - 12.8	3,257	11.9	10.2 - 13.6	3,101	10.8	9.0 - 12.9
WA - Seattle	4,410	11.1	9.6 - 12.7	2,256	11.0	9.2 - 13.1	2,154	11.0	8.7 - 13.6
West Virginia	1,940	7.3	5.5 - 9.3	992	5.8	3.8 - 8.4	948	9.8	7.1 - 12.9
Wisconsin	6,023	13.3	12.0 - 14.6	3,172	12.4	10.7 - 14.2	2,851	14.3	12.4 - 16.3
Wyoming	420	10.4	6.8 - 14.9 *	214	11.6	6.1 - 19.0 *	206	8.5	4.5 - 14.1 *
NAACCR CDN Combined	11,878	9.5	8.7 - 10.4	6,083	8.4	7.3 - 9.6	5,795	11.0	9.7 - 12.3
Alberta	2,945	9.8	8.1 - 11.6	1,459	8.6	6.6 - 10.9 *	1,486	10.7	8.4 - 13.4
British Columbia	4,311	9.5	8.1 - 11.0	2,253	7.6	5.9 - 9.6	2,058	12.3	10.2 - 14.6
Manitoba	1,191	11.4	8.8 - 14.3	608	9.5	6.4 - 13.3	583	9.2	6.4 - 12.7 *
New Brunswick	863	6.9	4.7 - 9.7 *	449	8.0	4.7 - 12.4 *	414	5.8	3.2 - 9.5 *
Newfoundland and Labrador	437	11.2	7.1 - 16.4	224	6.3	3.1 - 10.9 *	213	10.2	5.9 - 15.9 *
Northwest Territory	23	-		12	-		11	0.0	
Nova Scotia	1,004	6.6	4.2 - 9.9	505	7.1	4.2 - 11.0 *	499	4.7	2.4 - 8.3
Prince Edward Island	146	8.2	3.9 - 14.7 *	83	-		63	10.1	3.6 - 20.5 *
Saskatchewan	958	5.6	3.9 - 7.9 *	490	7.0	4.3 - 10.4 *	468	4.5	2.5 - 7.5 *
NAACCR N.A. Combined	288,596	11.9	11.7 - 12.1	148,254	11.2	10.9 - 11.4	140,342	12.9	12.7 - 13.2

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-8 Survival – Pancreas

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	81,470	58.9	58.3 - 59.5	64,852	59.3	58.6 - 60.0	16,618	56.5	55.3 - 57.7
Alabama	1,864	57.8	53.3 - 62.0	1,495	59.3	54.1 - 64.1	369	50.3	41.5 - 58.5
Alaska	121	53.4	37.8 - 66.7	106	55.0	37.0 - 69.7	15	-	-
Arizona	1,171	56.1	51.2 - 60.7	953	57.5	52.1 - 62.5	218	47.1	38.2 - 55.5
Arkansas	1,034	59.0	53.2 - 64.3	807	58.1	51.2 - 64.4	227	57.3	47.8 - 65.6
California	5,855	61.0	59.0 - 63.0	4,867	61.5	59.3 - 63.7	988	57.6	52.9 - 62.0
CA - Greater California	3,371	59.4	56.7 - 62.0	2,769	59.9	57.0 - 62.8	602	54.7	48.6 - 60.3
CA - Greater Bay Area	1,036	62.3	57.3 - 66.8	886	62.2	56.7 - 67.1	150	60.0	47.8 - 70.2
CA - Los Angeles	1,448	63.1	59.0 - 66.9	1,212	63.2	58.7 - 67.4	236	61.6	52.1 - 69.8
Colorado	892	56.9	51.3 - 62.0	710	58.4	52.0 - 64.2	182	51.5	41.2 - 60.9
Connecticut	1,066	61.4	56.6 - 65.9	860	63.9	58.8 - 68.7	206	51.8	42.0 - 60.8
Delaware	307	54.3	44.3 - 63.2	223	54.5	41.7 - 65.6	84	51.8	36.7 - 64.9 *
Florida	7,122	57.9	55.9 - 59.8	5,840	57.7	55.5 - 59.7	1,282	58.5	53.9 - 62.8
Georgia	2,866	56.0	52.7 - 59.2	2,319	57.1	53.2 - 60.7	547	49.6	43.1 - 55.7
Hawaii	272	59.1	49.0 - 67.8	238	58.8	47.9 - 68.1	34	-	-
Idaho	277	60.3	51.4 - 68.0 *	225	58.7	48.5 - 67.5 *	52	65.6	46.1 - 79.5 *
Illinois	3,834	61.1	58.4 - 63.8	3,010	61.5	58.3 - 64.5	824	58.7	53.3 - 63.7
Iowa	1,030	59.6	54.0 - 64.8	829	58.1	51.5 - 64.1	201	60.6	50.4 - 69.4
Kentucky	2,058	56.3	51.6 - 60.7	1,570	56.2	50.6 - 61.4	488	55.6	47.0 - 63.4
Louisiana	1,876	55.2	51.0 - 59.3	1,466	54.7	49.9 - 59.3	410	54.7	45.6 - 62.9
Maine	491	59.4	51.4 - 66.6	385	58.9	49.8 - 66.8	106	56.8	43.2 - 68.2
Maryland	1,432	60.8	56.5 - 64.9	1,111	61.4	56.7 - 65.8	321	56.3	48.5 - 63.3
Michigan	3,263	57.9	55.0 - 60.6	2,517	58.7	55.3 - 62.0	746	53.2	47.3 - 58.8
MI - Detroit	1,313	59.4	54.7 - 63.7	1,012	59.7	54.4 - 64.6	301	58.0	47.3 - 67.2
Minnesota	1,242	64.1	59.2 - 68.5	1,004	64.2	58.5 - 69.3	238	62.8	53.3 - 70.9
Mississippi	1,251	51.1	45.8 - 56.1	1,019	51.2	45.3 - 56.7	232	48.6	36.1 - 60.1
Missouri	2,158	59.0	55.4 - 62.3	1,699	60.1	56.0 - 63.9	459	52.1	44.6 - 59.0
Montana	273	57.7	48.7 - 65.8 *	217	58.3	47.9 - 67.4 *	56	56.0	36.3 - 71.7 *
Nebraska	480	57.5	49.8 - 64.5	378	54.3	46.5 - 61.4 *	102	69.5	54.1 - 80.7
New Hampshire	385	68.3	60.5 - 74.8	302	68.2	59.4 - 75.5	83	67.6	49.8 - 80.2
New Jersey	2,305	59.6	56.2 - 62.8	1,818	61.4	57.6 - 64.9	487	52.4	45.4 - 58.8
New Mexico	396	49.0	41.3 - 56.2 *	320	49.8	41.2 - 57.8 *	76	44.8	28.5 - 59.9 *
New York	5,464	60.8	58.8 - 62.8	4,327	60.8	58.4 - 63.1	1,137	59.2	54.7 - 63.5
North Carolina	3,236	57.6	54.3 - 60.7	2,520	57.8	54.1 - 61.4	716	56.0	49.5 - 61.9
North Dakota	191	63.9	52.1 - 73.6	159	66.0	51.5 - 77.1	32	-	-
Ohio	4,060	60.4	57.4 - 63.2	3,126	61.1	57.6 - 64.3	934	56.9	51.3 - 62.2
Oklahoma	1,132	58.5	53.0 - 63.7	859	59.3	53.0 - 65.0	273	55.6	43.4 - 66.1
Oregon	796	65.4	59.8 - 70.3	644	64.9	58.9 - 70.4	152	61.9	49.0 - 72.4
Pennsylvania	4,239	60.4	57.8 - 62.9	3,297	60.2	57.2 - 63.2	942	59.1	54.2 - 63.7
Rhode Island	346	66.6	57.8 - 73.9	264	66.9	56.1 - 75.5	82	63.6	50.2 - 74.3
South Carolina	1,842	57.2	53.1 - 61.0	1,517	56.6	52.0 - 60.9	325	57.4	48.2 - 65.7
Tennessee	2,390	56.2	52.2 - 59.9	1,840	57.6	53.0 - 62.0	550	49.8	42.8 - 56.4
Texas	5,766	55.1	52.8 - 57.3	4,684	55.4	52.8 - 58.0	1,082	52.9	48.2 - 57.3
Utah	265	62.2	53.0 - 70.1	214	62.9	52.3 - 71.8	51	62.9	45.1 - 76.4 *
Vermont	217	53.8	43.5 - 63.0	171	54.0	41.0 - 65.4	46	61.2	43.4 - 74.9 *
Virginia	2,099	56.4	52.6 - 60.0	1,706	56.6	52.3 - 60.7	393	53.6	45.3 - 61.2
Washington	1,389	60.6	56.1 - 64.8	1,101	62.5	57.2 - 67.3	288	50.0	42.2 - 57.3
WA - Seattle	929	58.3	52.4 - 63.7	742	60.1	52.9 - 66.6	187	46.2	37.1 - 54.9
West Virginia	920	56.3	50.6 - 61.5	696	52.7	46.4 - 58.5	224	58.0	45.6 - 68.6
Wisconsin	1,661	60.8	56.6 - 64.8	1,335	62.5	57.6 - 67.0	326	54.0	45.7 - 61.5
Wyoming	136	51.7	37.7 - 64.0 *	104	56.0	39.5 - 69.6 *	32	-	-
NAACCR CDN Combined	2,477	64.4	61.1 - 67.4	2,094	63.8	60.2 - 67.3	383	65.1	57.6 - 71.6
Alberta	556	63.9	57.7 - 69.5 *	483	62.0	55.0 - 68.2 *	73	74.0	58.5 - 84.5 *
British Columbia	815	60.7	55.2 - 65.7	684	61.7	55.6 - 67.3	131	55.6	42.5 - 66.8
Manitoba	232	74.9	64.6 - 82.6	198	76.6	65.1 - 84.7	34	-	-
New Brunswick	197	51.7	40.9 - 61.5	176	51.4	40.7 - 61.1	21	-	-
Newfoundland and Labrador	162	72.7	60.0 - 81.9 *	139	68.1	53.8 - 78.9 *	23	-	-
Northwest Territory	-	-	-	-	-	-	-	-	-
Nova Scotia	274	67.7	58.9 - 75.0	215	69.8	59.6 - 77.9	59	60.6	39.0 - 76.6 *
Prince Edward Island	35	-	-	30	-	-	-	-	-
Saskatchewan	200	56.8	45.3 - 66.8 *	163	55.5	42.4 - 66.7 *	37	-	-
NAACCR N.A. Combined	83,947	59.0	58.5 - 59.6	66,946	59.4	58.8 - 60.1	17,001	56.8	55.6 - 57.9

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Lung & Bronchus**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	1,339,290	21.7	21.6 - 21.8	710,190	18.2	18.0 - 18.3	629,100	25.7	25.5 - 25.8
Alabama	26,796	16.8	16.1 - 17.5	15,683	14.8	13.9 - 15.7	11,113	19.5	18.4 - 20.7
Alaska	2,352	17.6	15.3 - 20.0	1,304	14.1	11.2 - 17.3	1,048	20.8	17.3 - 24.5
Arizona	25,312	21.4	20.6 - 22.3	12,985	17.3	16.2 - 18.4	12,327	25.7	24.4 - 26.9
Arkansas	18,056	18.1	17.2 - 19.1	10,455	15.6	14.4 - 16.8	7,601	21.5	20.0 - 23.0
California	115,099	21.5	21.1 - 21.9	58,528	17.6	17.1 - 18.1	56,571	25.6	25.0 - 26.1
CA - Greater California	68,480	21.2	20.7 - 21.7	34,565	17.0	16.4 - 17.7	33,915	25.4	24.6 - 26.1
CA - Greater Bay Area	21,493	23.9	22.9 - 24.8	10,848	19.8	18.6 - 21.0	10,645	28.0	26.7 - 29.4
CA - Los Angeles	25,154	20.6	19.8 - 21.4	13,128	17.3	16.3 - 18.4	12,026	24.1	22.9 - 25.3
Colorado	14,812	25.3	24.2 - 26.4	7,367	22.0	20.5 - 23.6	7,445	28.4	26.8 - 30.0
Connecticut	17,790	26.4	25.4 - 27.5	8,742	22.6	21.1 - 24.0	9,048	30.2	28.8 - 31.7
Delaware	5,327	21.6	19.9 - 23.3	2,764	17.3	15.1 - 19.5	2,563	26.0	23.5 - 28.6
Florida	109,706	23.1	22.7 - 23.5	58,647	19.4	18.8 - 19.9	51,059	27.3	26.7 - 27.9
Georgia	43,132	19.3	18.7 - 19.9	24,251	15.9	15.1 - 16.6	18,881	23.5	22.6 - 24.5
Hawaii	5,258	18.7	17.0 - 20.4	2,944	14.7	12.8 - 16.7 *	2,314	23.2	20.6 - 25.9
Idaho	5,780	20.7	19.0 - 22.5	3,000	16.3	14.0 - 18.6	2,780	25.1	22.5 - 27.7
Illinois	62,592	23.8	23.3 - 24.4	32,468	20.6	19.9 - 21.3	30,124	27.4	26.6 - 28.1
Iowa	16,163	19.1	18.1 - 20.1	8,897	15.9	14.7 - 17.3	7,266	23.0	21.5 - 24.5
Kentucky	32,609	17.6	17.0 - 18.3	17,783	14.5	13.6 - 15.4	14,826	20.9	19.9 - 21.9
Louisiana	23,704	17.0	16.2 - 17.8	13,534	14.7	13.7 - 15.7	10,170	20.1	18.9 - 21.3
Maine	8,768	21.9	20.6 - 23.3	4,551	18.2	16.4 - 20.0	4,217	25.8	23.8 - 27.8
Maryland	24,273	25.6	24.8 - 26.5	12,058	22.1	20.9 - 23.3	12,215	29.1	27.9 - 30.3
Michigan	52,995	23.2	22.6 - 23.7	27,497	20.1	19.3 - 20.9	25,498	26.5	25.6 - 27.3
MI - Detroit	21,387	21.6	20.7 - 22.4	10,699	18.6	17.5 - 19.8	10,688	24.5	23.3 - 25.8
Minnesota	21,782	26.0	25.1 - 26.9	11,147	21.7	20.4 - 23.0	10,635	30.3	28.9 - 31.6
Mississippi	17,101	16.9	16.0 - 17.9	10,061	14.7	13.5 - 15.9	7,040	20.0	18.5 - 21.5
Missouri	35,353	19.6	18.9 - 20.3	18,852	16.6	15.8 - 17.5	16,501	22.9	21.9 - 23.9
Montana	4,799	20.0	18.1 - 21.9	2,389	15.1	12.7 - 17.7	2,410	24.7	22.0 - 27.6
Nebraska	8,207	20.6	19.2 - 22.1	4,435	17.6	15.6 - 19.7	3,772	24.0	22.0 - 26.2
New Hampshire	7,096	24.8	23.3 - 26.4	3,497	20.0	17.8 - 22.2	3,599	29.2	27.0 - 31.4
New Jersey	39,325	25.0	24.3 - 25.7	19,269	19.9	19.0 - 20.9	20,056	29.7	28.8 - 30.7
New Mexico	6,224	19.6	18.1 - 21.2	3,263	16.6	14.5 - 18.7	2,961	22.8	20.5 - 25.2
New York	91,636	26.4	26.0 - 26.8	46,047	21.9	21.3 - 22.5	45,589	30.8	30.2 - 31.5
North Carolina	51,813	21.5	20.9 - 22.0	28,696	18.3	17.6 - 19.0	23,117	25.3	24.5 - 26.2
North Dakota	3,141	23.3	20.9 - 25.7	1,730	19.7	16.7 - 22.9	1,411	27.3	23.4 - 31.3
Ohio	63,277	20.0	19.5 - 20.4	33,715	16.9	16.2 - 17.5	29,562	23.4	22.7 - 24.1
Oklahoma	19,700	17.7	16.8 - 18.6	10,800	15.8	14.6 - 17.0	8,900	19.9	18.6 - 21.2
Oregon	17,806	22.7	21.7 - 23.7	8,906	19.6	18.2 - 21.0	8,900	25.6	24.2 - 27.1
Pennsylvania	70,572	22.6	22.1 - 23.1	37,033	18.5	17.8 - 19.1	33,539	27.0	26.3 - 27.7
Rhode Island	5,834	23.7	22.1 - 25.4	2,830	17.5	15.3 - 19.8	3,004	29.1	26.7 - 31.5
South Carolina	25,592	19.5	18.7 - 20.3	14,442	15.9	14.9 - 16.9	11,150	23.9	22.7 - 25.1
Tennessee	38,233	18.7	18.1 - 19.4	21,205	16.2	15.3 - 17.0	17,028	21.8	20.8 - 22.8
Texas	86,369	20.9	20.5 - 21.4	47,739	18.1	17.5 - 18.7	38,630	24.4	23.8 - 25.1
Utah	4,316	21.4	19.6 - 23.3	2,355	18.5	16.2 - 20.9	1,961	24.8	22.0 - 27.7
Vermont	3,503	23.1	21.1 - 25.2	1,761	18.6	15.8 - 21.6	1,742	27.5	24.5 - 30.5
Virginia	35,378	21.4	20.7 - 22.1	19,006	17.9	17.0 - 18.8	16,372	25.4	24.4 - 26.4
Washington	28,761	22.5	21.7 - 23.3	14,633	18.3	17.3 - 19.4	14,128	26.7	25.6 - 27.9
WA - Seattle	19,726	22.6	21.7 - 23.6	10,001	18.4	17.2 - 19.6	9,725	27.0	25.6 - 28.4
West Virginia	13,804	18.2	17.2 - 19.2	7,766	15.1	13.8 - 16.4	6,038	21.9	20.3 - 23.5
Wisconsin	27,151	22.3	21.5 - 23.1	14,134	18.5	17.5 - 19.6	13,017	26.2	25.0 - 27.4
Wyoming	1,993	19.2	16.5 - 22.2	1,021	18.7	14.6 - 23.2	972	20.0	16.4 - 24.0
NAACCR CDN Combined	61,828	20.6	20.1 - 21.2	31,756	18.1	17.3 - 18.8	30,072	23.2	22.4 - 24.0
Alberta	13,922	20.7	19.6 - 21.8	7,048	17.8	16.3 - 19.3	6,874	23.4	21.7 - 25.0
British Columbia	20,901	20.7	19.8 - 21.6	10,484	19.2	18.0 - 20.5	10,417	22.2	21.0 - 23.5
Manitoba	6,116	21.6	20.0 - 23.2	2,990	17.8	15.6 - 20.1	3,126	24.8	22.6 - 27.2
New Brunswick	5,036	23.5	21.4 - 25.6	2,829	20.6	17.8 - 23.5	2,207	26.9	23.8 - 30.0
Newfoundland and Labrador	3,177	19.7	17.3 - 22.3	1,883	17.0	14.0 - 20.3	1,294	23.2	19.5 - 27.0
Northwest Territory	119	10.4	3.5 - 21.7 *	66	0.0		53	13.8	4.4 - 28.5 *
Nova Scotia	6,522	18.4	16.5 - 20.4	3,394	16.3	14.0 - 18.7	3,128	21.3	18.9 - 23.9
Prince Edward Island	908	14.0	11.0 - 17.4	492	9.6	6.1 - 14.1	416	19.4	14.6 - 24.8
Saskatchewan	5,127	19.6	17.7 - 21.6	2,570	16.1	13.7 - 18.6	2,557	22.7	19.8 - 25.8
NAACCR N.A. Combined	1,401,118	21.7	21.6 - 21.8	741,946	18.2	18.0 - 18.3	659,172	25.6	25.4 - 25.7

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-10 Survival – Lung & Bronchus

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Melanoma of the Skin

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	449,003	90.8	90.6 - 90.9	261,740	88.6	88.3 - 88.8	187,263	93.1	92.8 - 93.3
Alabama	7,645	91.1	89.9 - 92.2	4,574	89.5	87.7 - 91.0	3,071	92.6	90.5 - 94.3
Alaska	622	85.9	81.6 - 89.3	334	82.4	76.4 - 86.9	288	89.0	82.5 - 93.2
Arizona	9,537	87.3	86.1 - 88.5	5,972	85.3	83.4 - 87.0	3,565	89.3	87.6 - 90.8
Arkansas	4,222	88.4	86.5 - 90.1	2,563	87.1	84.3 - 89.4	1,659	88.4	85.5 - 90.6
California	55,470	90.9	90.4 - 91.3	33,140	88.5	87.8 - 89.2	22,330	93.7	93.1 - 94.3
CA - Greater California	34,642	90.1	89.5 - 90.7	20,724	87.9	87.0 - 88.7	13,918	92.7	91.8 - 93.4
CA - Greater Bay Area	12,075	94.3	93.4 - 95.0	7,132	92.0	90.7 - 93.2	4,943	96.7	95.7 - 97.6
CA - Los Angeles	8,775	88.7	87.4 - 89.8	5,302	85.7	83.8 - 87.4	3,473	92.1	90.3 - 93.6
Colorado	7,976	89.3	88.1 - 90.5	4,625	87.4	85.7 - 88.9	3,351	91.7	89.8 - 93.2
Connecticut	6,014	92.3	91.1 - 93.4	3,452	91.0	89.2 - 92.5	2,562	93.2	91.3 - 94.7
Delaware	2,143	92.7	90.4 - 94.5	1,259	90.9	87.1 - 93.7	884	93.2	89.6 - 95.6
Florida	36,375	88.3	87.7 - 88.9	22,796	85.3	84.4 - 86.2	13,579	92.1	91.2 - 92.9
Georgia	15,329	91.8	90.9 - 92.7	9,077	90.2	88.8 - 91.4	6,252	93.0	91.4 - 94.2
Hawaii	2,167	92.8	90.5 - 94.6	1,367	91.3	88.1 - 93.7	800	94.0	90.5 - 96.3
Idaho	3,002	90.0	88.1 - 91.6	1,736	87.9	85.1 - 90.2	1,266	90.7	87.2 - 93.3
Illinois	17,076	91.8	91.1 - 92.5	9,546	89.5	88.3 - 90.6	7,530	93.0	91.9 - 94.0
Iowa	5,814	91.1	89.5 - 92.4	3,183	88.3	86.1 - 90.2	2,631	93.7	91.5 - 95.4
Kentucky	8,125	90.6	89.2 - 91.7	4,611	87.3	85.3 - 89.1	3,514	93.7	91.8 - 95.2
Louisiana	5,364	88.3	86.6 - 89.8	3,336	86.9	84.6 - 88.9	2,028	89.5	86.5 - 91.8
Maine	2,738	92.6	90.4 - 94.3	1,522	90.6	87.0 - 93.3	1,216	93.7	90.4 - 95.9
Maryland	9,219	93.4	92.3 - 94.4	5,424	91.2	89.5 - 92.7	3,795	95.5	93.7 - 96.8
Michigan	14,115	88.6	87.6 - 89.5	7,891	86.2	84.7 - 87.5	6,224	90.8	89.5 - 92.1
MI - Detroit	4,747	88.6	86.8 - 90.2	2,663	86.8	84.1 - 89.2	2,084	90.0	87.4 - 92.1
Minnesota	11,298	94.6	93.7 - 95.4	6,225	92.6	91.2 - 93.8	5,073	96.5	95.5 - 97.3
Mississippi	3,688	89.2	87.2 - 90.9	2,191	87.2	84.3 - 89.5	1,497	90.6	87.5 - 92.9
Missouri	8,509	87.5	86.2 - 88.7	5,104	85.5	83.8 - 87.2	3,405	89.0	87.0 - 90.8
Montana	1,887	86.4	83.1 - 89.2	1,094	85.0	80.3 - 88.6	793	86.8	81.1 - 90.9
Nebraska	2,831	87.2	84.9 - 89.2	1,521	82.6	79.1 - 85.6	1,310	91.4	88.2 - 93.8
New Hampshire	2,959	93.5	91.4 - 95.1	1,620	91.4	87.9 - 93.9	1,339	95.1	92.3 - 96.9
New Jersey	14,515	91.9	91.0 - 92.6	8,323	90.1	88.8 - 91.3	6,192	93.4	92.1 - 94.4
New Mexico	2,426	86.6	84.1 - 88.7	1,465	85.0	81.5 - 87.9	961	87.9	84.4 - 90.7
New York	26,696	91.9	91.3 - 92.5	15,107	89.9	89.0 - 90.8	11,589	93.8	92.9 - 94.6
North Carolina	17,369	92.0	91.2 - 92.8	10,171	90.0	88.7 - 91.0	7,198	94.3	93.2 - 95.2
North Dakota	1,192	88.6	85.2 - 91.2	649	85.4	80.4 - 89.2	543	91.6	85.4 - 95.2
Ohio	18,485	90.4	89.6 - 91.2	10,247	88.1	86.8 - 89.2	8,238	91.9	90.7 - 92.9
Oklahoma	5,033	86.7	84.8 - 88.3	3,055	83.9	81.1 - 86.4	1,978	88.8	85.9 - 91.1
Oregon	8,095	92.9	91.7 - 93.9	4,387	90.6	88.7 - 92.2	3,708	94.8	93.4 - 96.0
Pennsylvania	23,452	91.1	90.4 - 91.7	13,354	89.0	87.9 - 90.1	10,098	92.7	91.7 - 93.5
Rhode Island	1,804	91.5	88.9 - 93.5	986	89.7	85.5 - 92.8	818	92.6	89.2 - 94.9
South Carolina	8,118	92.2	91.0 - 93.1	4,789	89.9	88.0 - 91.5	3,329	94.1	92.4 - 95.4
Tennessee	10,206	90.0	88.9 - 91.1	5,895	87.6	85.9 - 89.1	4,311	92.8	91.1 - 94.1
Texas	22,017	87.2	86.4 - 87.9	13,287	85.2	84.1 - 86.2	8,730	89.2	88.1 - 90.3
Utah	5,764	93.1	91.6 - 94.3	3,405	91.6	89.6 - 93.2	2,359	94.7	92.7 - 96.1
Vermont	1,656	93.8	91.3 - 95.6	944	91.7	87.4 - 94.6	712	93.4	88.7 - 96.2
Virginia	11,086	90.6	89.7 - 91.5	6,429	88.4	87.0 - 89.7	4,657	92.9	91.5 - 94.0
Washington	12,994	93.5	92.6 - 94.3	7,135	91.2	89.8 - 92.4	5,859	95.4	94.2 - 96.4
WA - Seattle	9,739	94.5	93.5 - 95.3	5,370	92.6	90.9 - 94.0	4,369	95.8	94.4 - 96.9
West Virginia	3,162	87.8	85.6 - 89.7	1,831	85.3	82.1 - 87.9	1,331	89.5	86.0 - 92.1
Wisconsin	9,848	91.5	90.4 - 92.5	5,568	89.3	87.6 - 90.8	4,280	93.5	91.8 - 94.9
Wyoming	960	87.6	83.1 - 91.0	550	83.5	76.9 - 88.4	410	90.0	83.1 - 94.1
NAACCR CDN Combined	17,691	89.7	88.9 - 90.5	9,419	87.3	86.0 - 88.4	8,272	92.1	91.0 - 93.1
Alberta	4,184	90.5	88.8 - 91.9	2,198	87.4	84.9 - 89.5	1,986	93.2	90.8 - 95.0
British Columbia	6,909	89.5	88.2 - 90.6	3,785	87.6	85.8 - 89.2	3,124	91.7	89.9 - 93.1
Manitoba	1,343	87.0	83.5 - 89.9	712	84.7	79.7 - 88.5	631	89.3	84.1 - 92.8
New Brunswick	1,161	89.3	86.2 - 91.8	596	88.0	83.0 - 91.6	565	89.5	84.6 - 92.9
Newfoundland and Labrador	650	88.4	83.2 - 92.1	346	82.3	73.5 - 88.5	304	93.4	87.8 - 96.4
Northwest Territory	20	95.0	66.6 - 99.4 *	11	-	-	-	-	-
Nova Scotia	1,990	90.8	88.3 - 92.9	1,047	89.4	85.5 - 92.3	943	91.2	87.6 - 93.7
Prince Edward Island	330	89.7	82.4 - 94.1	167	86.8	75.9 - 92.9	163	89.8	78.4 - 95.4
Saskatchewan	1,104	85.4	81.7 - 88.5	557	78.9	71.9 - 84.4	547	90.2	85.1 - 93.6
NAACCR N.A. Combined	466,694	90.7	90.6 - 90.9	271,159	88.5	88.3 - 88.8	195,535	93.0	92.8 - 93.2

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Female Breast

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		1,451,283	89.2	89.1 - 89.4
Alabama	-	-		-	-		24,400	88.0	87.1 - 88.9
Alaska	-	-		-	-		2,832	87.2	83.3 - 90.3
Arizona	-	-		-	-		29,148	88.5	87.6 - 89.3
Arkansas	-	-		-	-		13,755	88.7	87.3 - 90.0
California	-	-		-	-		169,803	89.5	89.1 - 89.9
CA - Greater California	-	-		-	-		94,008	89.5	89.0 - 90.0
CA - Greater Bay Area	-	-		-	-		34,094	91.5	90.7 - 92.2
CA - Los Angeles	-	-		-	-		41,759	87.8	87.0 - 88.5
Colorado	-	-		-	-		23,724	90.8	89.7 - 91.7
Connecticut	-	-		-	-		21,225	91.2	90.2 - 92.1
Delaware	-	-		-	-		5,211	87.4	85.1 - 89.4
Florida	-	-		-	-		102,154	88.9	88.5 - 89.3
Georgia	-	-		-	-		45,756	86.4	85.6 - 87.2
Hawaii	-	-		-	-		7,603	89.0	87.3 - 90.5
Idaho	-	-		-	-		7,209	91.0	89.2 - 92.5
Illinois	-	-		-	-		65,752	89.9	89.3 - 90.4
Iowa	-	-		-	-		15,789	89.6	88.5 - 90.7
Kentucky	-	-		-	-		22,407	88.9	87.9 - 89.8
Louisiana	-	-		-	-		22,199	85.7	84.6 - 86.8
Maine	-	-		-	-		7,781	91.5	89.7 - 92.9
Maryland	-	-		-	-		31,046	90.2	89.3 - 91.0
Michigan	-	-		-	-		50,773	87.9	87.2 - 88.5
MI - Detroit	-	-		-	-		21,155	86.3	85.2 - 87.3
Minnesota	-	-		-	-		27,431	92.1	91.3 - 92.9
Mississippi	-	-		-	-		13,877	85.4	83.9 - 86.8
Missouri	-	-		-	-		31,562	88.7	87.8 - 89.5
Montana	-	-		-	-		5,322	87.0	84.8 - 88.9
Nebraska	-	-		-	-		8,931	88.9	87.2 - 90.3
New Hampshire	-	-		-	-		7,952	91.3	89.3 - 92.9
New Jersey	-	-		-	-		48,850	88.4	87.7 - 89.0
New Mexico	-	-		-	-		9,093	87.6	85.9 - 89.1
New York	-	-		-	-		104,774	89.3	88.9 - 89.8
North Carolina	-	-		-	-		51,878	89.8	89.1 - 90.5
North Dakota	-	-		-	-		3,361	91.2	88.5 - 93.3
Ohio	-	-		-	-		60,524	89.1	88.5 - 89.7
Oklahoma	-	-		-	-		17,609	88.3	87.1 - 89.5
Oregon	-	-		-	-		20,659	91.9	90.9 - 92.8
Pennsylvania	-	-		-	-		72,571	89.4	88.8 - 89.9
Rhode Island	-	-		-	-		5,907	92.2	90.2 - 93.8
South Carolina	-	-		-	-		25,202	88.1	87.0 - 89.0
Tennessee	-	-		-	-		32,662	88.9	88.0 - 89.7
Texas	-	-		-	-		103,009	88.8	88.3 - 89.3
Utah	-	-		-	-		9,333	89.2	87.5 - 90.6
Vermont	-	-		-	-		3,587	92.6	89.8 - 94.7
Virginia	-	-		-	-		40,676	88.3	87.5 - 89.1
Washington	-	-		-	-		36,033	92.5	91.8 - 93.1
WA - Seattle	-	-		-	-		25,599	92.1	91.3 - 92.9
West Virginia	-	-		-	-		9,777	89.3	87.9 - 90.6
Wisconsin	-	-		-	-		29,713	90.6	89.8 - 91.4
Wyoming	-	-		-	-		2,423	89.0	85.3 - 91.8
NAACCR CDN Combined	-	-		-	-		62,243	87.6	87.0 - 88.1
Alberta	-	-		-	-		16,048	88.8	87.6 - 89.9
British Columbia	-	-		-	-		22,354	87.4	86.4 - 88.3
Manitoba	-	-		-	-		5,847	88.0	86.0 - 89.6
New Brunswick	-	-		-	-		3,964	87.4	85.1 - 89.4
Newfoundland and Labrador	-	-		-	-		2,838	83.1	79.9 - 85.9
Northwest Territory	-	-		-	-		159	61.4	54.1 - 67.9
Nova Scotia	-	-		-	-		5,220	86.7	84.6 - 88.6
Prince Edward Island	-	-		-	-		793	88.3	82.4 - 92.4
Saskatchewan	-	-		-	-		5,020	87.2	85.2 - 89.0
NAACCR N.A. Combined	-	-		-	-		1,513,526	89.2	89.0 - 89.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-12 Survival – Female Breast

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		81,896	61.4	60.9 - 61.9
Alabama	-	-		-	-		1,561	53.5	50.1 - 56.7
Alaska	-	-		-	-		168	73.3	64.6 - 80.2 *
Arizona	-	-		-	-		1,525	59.6	56.1 - 63.0
Arkansas	-	-		-	-		1,029	56.2	51.3 - 60.8
California	-	-		-	-		9,933	60.5	59.1 - 61.9
CA - Greater California	-	-		-	-		5,418	58.8	56.8 - 60.8
CA - Greater Bay Area	-	-		-	-		1,613	66.8	63.4 - 70.1
CA - Los Angeles	-	-		-	-		2,902	59.4	56.7 - 61.9
Colorado	-	-		-	-		1,090	64.4	59.7 - 68.7
Connecticut	-	-		-	-		881	65.4	60.7 - 69.8
Delaware	-	-		-	-		286	56.6	48.5 - 63.9
Florida	-	-		-	-		6,524	62.1	60.4 - 63.7
Georgia	-	-		-	-		2,784	54.6	51.7 - 57.4
Hawaii	-	-		-	-		360	60.0	52.8 - 66.4
Idaho	-	-		-	-		324	58.3	49.9 - 65.7
Illinois	-	-		-	-		3,659	63.2	61.0 - 65.4
Iowa	-	-		-	-		750	62.5	57.6 - 67.0
Kentucky	-	-		-	-		1,402	59.4	55.7 - 62.9
Louisiana	-	-		-	-		1,467	58.4	54.5 - 62.1
Maine	-	-		-	-		313	66.4	59.7 - 72.3
Maryland	-	-		-	-		1,467	65.8	62.3 - 69.0
Michigan	-	-		-	-		2,441	61.0	58.1 - 63.8
MI - Detroit	-	-		-	-		1,046	56.7	52.5 - 60.7
Minnesota	-	-		-	-		1,077	68.3	63.6 - 72.6
Mississippi	-	-		-	-		1,021	54.8	50.7 - 58.8
Missouri	-	-		-	-		1,823	56.8	53.5 - 59.9
Montana	-	-		-	-		243	58.4	50.6 - 65.4
Nebraska	-	-		-	-		465	58.8	51.7 - 65.3
New Hampshire	-	-		-	-		244	64.3	56.7 - 71.0
New Jersey	-	-		-	-		2,703	60.3	57.8 - 62.6
New Mexico	-	-		-	-		522	60.3	53.8 - 66.3
New York	-	-		-	-		5,956	63.9	62.2 - 65.6
North Carolina	-	-		-	-		2,569	61.4	58.6 - 64.0
North Dakota	-	-		-	-		122	66.6	55.4 - 75.5 *
Ohio	-	-		-	-		3,209	58.0	55.3 - 60.5
Oklahoma	-	-		-	-		1,207	57.5	53.0 - 61.7
Oregon	-	-		-	-		935	64.7	60.0 - 69.1
Pennsylvania	-	-		-	-		3,612	62.7	60.4 - 64.8
Rhode Island	-	-		-	-		260	68.7	57.3 - 77.6
South Carolina	-	-		-	-		1,396	57.5	53.7 - 61.1
Tennessee	-	-		-	-		2,060	58.0	54.8 - 61.1
Texas	-	-		-	-		8,286	62.1	60.4 - 63.7
Utah	-	-		-	-		433	62.0	54.9 - 68.4
Vermont	-	-		-	-		109	67.7	55.9 - 77.0
Virginia	-	-		-	-		1,863	64.5	61.3 - 67.5
Washington	-	-		-	-		1,693	67.1	63.6 - 70.4
WA - Seattle	-	-		-	-		1,205	66.6	62.5 - 70.4
West Virginia	-	-		-	-		671	56.8	51.3 - 61.8
Wisconsin	-	-		-	-		1,308	65.8	61.8 - 69.5
Wyoming	-	-		-	-		145	49.1	38.1 - 59.2
NAACCR CDN Combined	-	-		-	-		3,719	67.6	65.2 - 69.9
Alberta	-	-		-	-		1,089	69.4	64.7 - 73.7
British Columbia	-	-		-	-		1,256	70.8	66.7 - 74.5
Manitoba	-	-		-	-		341	62.6	53.8 - 70.2
New Brunswick	-	-		-	-		183	65.9	56.5 - 73.8
Newfoundland and Labrador	-	-		-	-		215	65.4	56.0 - 73.2
Northwest Territory	-	-		-	-		14	-	
Nova Scotia	-	-		-	-		277	62.9	55.2 - 69.7
Prince Edward Island	-	-		-	-		40	-	
Saskatchewan	-	-		-	-		304	55.2	45.3 - 64.0
NAACCR N.A. Combined	-	-		-	-		85,615	61.7	61.2 - 62.2

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		324,081	77.8	77.5 - 78.1
Alabama	-	-		-	-		4,122	72.5	70.0 - 74.9
Alaska	-	-		-	-		597	78.4	69.4 - 85.1
Arizona	-	-		-	-		5,999	79.0	77.0 - 80.9
Arkansas	-	-		-	-		2,803	76.3	73.1 - 79.1
California	-	-		-	-		36,806	77.4	76.5 - 78.2
CA - Greater California	-	-		-	-		19,578	77.7	76.6 - 78.8
CA - Greater Bay Area	-	-		-	-		7,418	79.3	77.6 - 81.0
CA - Los Angeles	-	-		-	-		9,811	74.5	72.9 - 76.1
Colorado	-	-		-	-		4,537	80.1	77.7 - 82.3
Connecticut	-	-		-	-		4,871	80.6	78.4 - 82.6
Delaware	-	-		-	-		1,249	77.5	72.5 - 81.7
Florida	-	-		-	-		21,436	76.2	75.2 - 77.2
Georgia	-	-		-	-		8,609	71.1	69.1 - 72.9
Hawaii	-	-		-	-		1,738	74.5	70.1 - 78.3
Idaho	-	-		-	-		1,568	75.0	70.8 - 78.6
Illinois	-	-		-	-		15,856	78.1	76.9 - 79.2
Iowa	-	-		-	-		4,215	78.9	76.5 - 81.1
Kentucky	-	-		-	-		4,868	79.2	77.0 - 81.2
Louisiana	-	-		-	-		3,679	68.5	65.7 - 71.2
Maine	-	-		-	-		2,091	82.0	78.7 - 84.8
Maryland	-	-		-	-		6,806	75.7	73.6 - 77.6
Michigan	-	-		-	-		12,853	77.5	76.1 - 78.9
MI - Detroit	-	-		-	-		5,181	75.8	73.6 - 77.9
Minnesota	-	-		-	-		6,718	82.4	80.6 - 84.1
Mississippi	-	-		-	-		2,566	70.4	67.1 - 73.5
Missouri	-	-		-	-		6,968	80.2	78.2 - 82.0
Montana	-	-		-	-		1,171	78.2	72.9 - 82.7
Nebraska	-	-		-	-		2,072	80.2	76.4 - 83.4
New Hampshire	-	-		-	-		2,005	80.2	76.4 - 83.5
New Jersey	-	-		-	-		12,361	77.3	75.9 - 78.6
New Mexico	-	-		-	-		2,020	78.2	74.3 - 81.5
New York	-	-		-	-		26,930	76.5	75.6 - 77.3
North Carolina	-	-		-	-		10,457	79.0	77.3 - 80.5
North Dakota	-	-		-	-		729	78.7	72.9 - 83.4
Ohio	-	-		-	-		15,109	79.3	77.9 - 80.5
Oklahoma	-	-		-	-		3,477	79.0	76.1 - 81.6
Oregon	-	-		-	-		4,714	81.8	79.2 - 84.0
Pennsylvania	-	-		-	-		19,357	78.9	77.8 - 80.0
Rhode Island	-	-		-	-		1,479	79.5	75.5 - 83.0
South Carolina	-	-		-	-		4,860	74.2	71.8 - 76.4
Tennessee	-	-		-	-		6,469	77.3	75.2 - 79.2
Texas	-	-		-	-		20,043	77.3	76.1 - 78.5
Utah	-	-		-	-		2,300	78.6	74.9 - 81.9
Vermont	-	-		-	-		1,004	80.4	74.6 - 85.0
Virginia	-	-		-	-		8,321	77.7	76.0 - 79.4
Washington	-	-		-	-		7,441	82.0	80.1 - 83.7
WA - Seattle	-	-		-	-		5,246	81.5	79.1 - 83.5
West Virginia	-	-		-	-		2,741	78.8	75.2 - 81.9
Wisconsin	-	-		-	-		7,563	80.6	78.8 - 82.3
Wyoming	-	-		-	-		503	70.1	61.6 - 77.1
NAACCR CDN Combined	-	-		-	-		14,426	81.4	80.2 - 82.5
Alberta	-	-		-	-		3,689	81.0	78.5 - 83.2
British Columbia	-	-		-	-		5,009	82.3	80.3 - 84.0
Manitoba	-	-		-	-		1,687	81.3	77.5 - 84.6
New Brunswick	-	-		-	-		897	78.1	73.0 - 82.4
Newfoundland and Labrador	-	-		-	-		728	78.9	71.8 - 84.4
Northwest Territory	-	-		-	-		25	84.0	56.8 - 94.8 *
Nova Scotia	-	-		-	-		1,156	75.5	70.4 - 79.8
Nunavut	-	-		-	-		-	-	
Prince Edward Island	-	-		-	-		145	78.1	66.1 - 86.3
Saskatchewan	-	-		-	-		1,090	82.7	78.5 - 86.3
NAACCR N.A. Combined	-	-		-	-		338,507	78.0	77.7 - 78.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-14 Survival – Corpus & Uterus, NOS

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		136,726	43.7	43.3 - 44.1
Alabama	-	-		-	-		2,377	41.3	38.3 - 44.2
Alaska	-	-		-	-		256	45.1	34.6 - 54.9
Arizona	-	-		-	-		2,940	42.0	39.5 - 44.5
Arkansas	-	-		-	-		1,264	40.3	36.2 - 44.3
California	-	-		-	-		16,852	42.8	41.7 - 43.9
CA - Greater California	-	-		-	-		9,091	42.1	40.7 - 43.6
CA - Greater Bay Area	-	-		-	-		3,283	44.6	42.1 - 47.2
CA - Los Angeles	-	-		-	-		4,478	42.3	39.9 - 44.6
Colorado	-	-		-	-		2,128	43.5	40.4 - 46.6
Connecticut	-	-		-	-		1,949	46.0	42.7 - 49.2
Delaware	-	-		-	-		440	39.6	32.7 - 46.3
Florida	-	-		-	-		10,104	43.0	41.6 - 44.4
Georgia	-	-		-	-		4,239	39.5	37.3 - 41.7
Hawaii	-	-		-	-		552	44.3	37.9 - 50.5
Idaho	-	-		-	-		682	36.8	32.1 - 41.6
Illinois	-	-		-	-		6,007	45.7	43.9 - 47.5
Iowa	-	-		-	-		1,540	41.4	38.0 - 44.8
Kentucky	-	-		-	-		1,920	42.8	39.6 - 46.0
Louisiana	-	-		-	-		1,793	40.9	37.6 - 44.2
Maine	-	-		-	-		640	48.4	42.9 - 53.8
Maryland	-	-		-	-		2,664	45.5	42.8 - 48.1
Michigan	-	-		-	-		5,016	43.9	41.9 - 45.8
MI - Detroit	-	-		-	-		2,145	40.1	37.1 - 43.1
Minnesota	-	-		-	-		2,325	47.5	44.5 - 50.4
Mississippi	-	-		-	-		1,174	42.1	38.0 - 46.1
Missouri	-	-		-	-		2,616	44.9	42.2 - 47.6
Montana	-	-		-	-		480	47.3	40.6 - 53.7
Nebraska	-	-		-	-		797	46.9	41.7 - 51.9
New Hampshire	-	-		-	-		641	47.5	41.8 - 53.0
New Jersey	-	-		-	-		4,763	45.3	43.3 - 47.3
New Mexico	-	-		-	-		983	35.6	31.4 - 39.8
New York	-	-		-	-		10,448	45.5	44.2 - 46.9
North Carolina	-	-		-	-		4,467	45.8	43.6 - 48.0
North Dakota	-	-		-	-		284	51.6	43.2 - 59.4
Ohio	-	-		-	-		5,663	44.6	42.7 - 46.4
Oklahoma	-	-		-	-		1,729	42.0	38.6 - 45.4
Oregon	-	-		-	-		1,969	40.0	36.9 - 43.0
Pennsylvania	-	-		-	-		7,052	43.3	41.6 - 45.0
Rhode Island	-	-		-	-		503	48.2	41.4 - 54.7
South Carolina	-	-		-	-		1,976	42.5	39.2 - 45.8
Tennessee	-	-		-	-		3,024	41.2	38.7 - 43.7
Texas	-	-		-	-		9,921	43.3	41.8 - 44.8
Utah	-	-		-	-		979	40.2	35.8 - 44.4
Vermont	-	-		-	-		328	48.4	41.3 - 55.2
Virginia	-	-		-	-		3,621	42.6	40.3 - 44.9
Washington	-	-		-	-		3,361	45.2	42.7 - 47.7
WA - Seattle	-	-		-	-		2,414	44.6	41.6 - 47.7
West Virginia	-	-		-	-		1,095	37.8	33.5 - 42.1
Wisconsin	-	-		-	-		2,905	47.2	44.6 - 49.8
Wyoming	-	-		-	-		259	47.1	38.1 - 55.6
NAACCR CDN Combined	-	-		-	-		6,151	39.0	37.3 - 40.7
Alberta	-	-		-	-		1,400	39.6	35.9 - 43.4
British Columbia	-	-		-	-		2,344	39.3	36.5 - 42.1
Manitoba	-	-		-	-		607	41.2	35.9 - 46.5
New Brunswick	-	-		-	-		390	37.9	32.0 - 43.7
Newfoundland and Labrador	-	-		-	-		277	38.1	29.5 - 46.7
Northwest Territory	-	-		-	-		-	-	
Nova Scotia	-	-		-	-		526	40.5	35.1 - 45.8
Prince Edward Island	-	-		-	-		71	28.4	16.0 - 42.0 *
Saskatchewan	-	-		-	-		528	35.2	29.6 - 40.7
NAACCR N.A. Combined	-	-		-	-		142,877	43.5	43.1 - 43.9

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Prostate

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		1,298,749	96.1	95.9 - 96.2	-	-	
Alabama	-	-		24,418	95.1	94.2 - 95.8	-	-	
Alaska	-	-		2,186	93.3	89.2 - 95.9	-	-	
Arizona	-	-		21,706	91.9	90.9 - 92.7	-	-	
Arkansas	-	-		14,571	97.4	96.0 - 98.3	-	-	
California	-	-		139,758	94.7	94.4 - 95.1	-	-	
CA - Greater California	-	-		77,713	93.9	93.5 - 94.4	-	-	
CA - Greater Bay Area	-	-		29,035	96.3	95.6 - 96.9	-	-	
CA - Los Angeles	-	-		33,011	94.6	93.9 - 95.3	-	-	
Colorado	-	-		20,525	96.4	95.4 - 97.1	-	-	
Connecticut	-	-		17,618	95.0	93.9 - 95.9	-	-	
Delaware	-	-		5,416	95.1	93.1 - 96.5	-	-	
Florida	-	-		97,412	95.5	95.1 - 95.9	-	-	
Georgia	-	-		43,035	94.7	93.8 - 95.5	-	-	
Hawaii	-	-		5,079	94.6	92.7 - 96.0	-	-	
Idaho	-	-		7,281	94.6	92.9 - 96.0	-	-	
Illinois	-	-		57,201	96.6	96.1 - 97.0	-	-	
Iowa	-	-		14,362	95.3	94.2 - 96.1	-	-	
Kentucky	-	-		19,080	95.2	94.0 - 96.1	-	-	
Louisiana	-	-		24,298	97.3	96.2 - 98.1	-	-	
Maine	-	-		6,314	95.2	93.3 - 96.6	-	-	
Maryland	-	-		28,585	96.7	96.0 - 97.3	-	-	
Michigan	-	-		51,135	95.9	95.4 - 96.4	-	-	
MI - Detroit	-	-		22,179	97.4	96.5 - 98.2	-	-	
Minnesota	-	-		25,290	96.2	95.2 - 97.0	-	-	
Mississippi	-	-		15,151	95.3	93.5 - 96.6	-	-	
Missouri	-	-		24,799	95.2	94.3 - 96.0	-	-	
Montana	-	-		5,436	94.1	91.6 - 95.9	-	-	
Nebraska	-	-		8,324	95.5	93.7 - 96.8	-	-	
New Hampshire	-	-		7,190	95.9	94.2 - 97.1	-	-	
New Jersey	-	-		47,164	97.3	96.7 - 97.8	-	-	
New Mexico	-	-		7,507	90.6	88.8 - 92.2	-	-	
New York	-	-		101,250	95.8	95.4 - 96.2	-	-	
North Carolina	-	-		47,241	96.6	95.9 - 97.2	-	-	
North Dakota	-	-		3,550	97.2	95.0 - 98.4	-	-	
Ohio	-	-		52,637	96.7	96.1 - 97.2	-	-	
Oklahoma	-	-		15,825	96.4	95.6 - 97.0	-	-	
Oregon	-	-		16,859	95.5	94.6 - 96.3	-	-	
Pennsylvania	-	-		63,551	96.7	96.1 - 97.1	-	-	
Rhode Island	-	-		4,374	95.6	93.4 - 97.1	-	-	
South Carolina	-	-		23,693	95.3	94.1 - 96.2	-	-	
Tennessee	-	-		30,105	97.6	96.9 - 98.1	-	-	
Texas	-	-		83,005	94.1	93.6 - 94.6	-	-	
Utah	-	-		10,489	95.3	94.1 - 96.3	-	-	
Vermont	-	-		2,807	93.9	90.3 - 96.2	-	-	
Virginia	-	-		33,676	95.7	95.1 - 96.3	-	-	
Washington	-	-		30,280	96.8	96.0 - 97.4	-	-	
WA - Seattle	-	-		21,739	96.5	95.5 - 97.2	-	-	
West Virginia	-	-		8,627	96.8	95.5 - 97.7	-	-	
Wisconsin	-	-		27,333	95.7	94.9 - 96.5	-	-	
Wyoming	-	-		2,606	96.1	93.2 - 97.8	-	-	
NAACCR CDN Combined	-	-		59,462	92.4	91.9 - 92.9	-	-	
Alberta	-	-		15,746	91.5	90.4 - 92.5	-	-	
British Columbia	-	-		21,055	92.5	91.6 - 93.3	-	-	
Manitoba	-	-		4,841	90.8	89.0 - 92.2	-	-	
New Brunswick	-	-		4,299	93.4	91.3 - 95.0	-	-	
Newfoundland and Labrador	-	-		3,141	91.2	88.4 - 93.4	-	-	
Northwest Territory	-	-		82	92.6	76.0 - 97.9	-	-	
Nova Scotia	-	-		4,760	93.1	91.0 - 94.7	-	-	
Prince Edward Island	-	-		823	92.3	86.2 - 95.7	-	-	
Saskatchewan	-	-		4,715	89.9	88.0 - 91.4	-	-	
NAACCR N.A. Combined	-	-		1,358,211	95.9	95.8 - 96.0	-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-16 Survival – Prostate

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		53,764	92.4	91.4 - 93.2	-	-	
Alabama	-	-		677	85.9	80.9 - 89.6	-	-	
Alaska	-	-		168	90.8	83.7 - 94.9 *	-	-	
Arizona	-	-		1,171	83.6	76.6 - 88.7	-	-	
Arkansas	-	-		451	84.0	79.0 - 87.9	-	-	
California	-	-		7,694	89.7	86.8 - 91.9	-	-	
CA - Greater California	-	-		4,295	88.9	85.2 - 91.7	-	-	
CA - Greater Bay Area	-	-		1,466	95.1	93.5 - 96.3 *	-	-	
CA - Los Angeles	-	-		1,933	89.8	83.3 - 93.9	-	-	
Colorado	-	-		1,062	91.6	82.0 - 96.2	-	-	
Connecticut	-	-		716	90.5	77.9 - 96.1	-	-	
Delaware	-	-		161	82.5	76.1 - 87.4	-	-	
Florida	-	-		2,847	86.8	82.6 - 90.0	-	-	
Georgia	-	-		1,336	90.6	86.0 - 93.8	-	-	
Hawaii	-	-		265	90.0	76.2 - 95.9	-	-	
Idaho	-	-		345	96.6	91.8 - 98.6 *	-	-	
Illinois	-	-		2,517	93.9	90.0 - 96.3	-	-	
Iowa	-	-		680	95.6	93.3 - 97.1 *	-	-	
Kentucky	-	-		792	94.3	91.9 - 96.0 *	-	-	
Louisiana	-	-		691	89.7	73.6 - 96.2	-	-	
Maine	-	-		272	83.0	71.9 - 90.0	-	-	
Maryland	-	-		866	90.4	83.6 - 94.5	-	-	
Michigan	-	-		1,819	90.1	81.1 - 94.9	-	-	
MI - Detroit	-	-		691	94.2	90.8 - 96.4 *	-	-	
Minnesota	-	-		1,255	96.6	91.6 - 98.7	-	-	
Mississippi	-	-		349	81.2	75.6 - 85.6	-	-	
Missouri	-	-		1,012	89.0	81.3 - 93.7	-	-	
Montana	-	-		227	96.1	91.4 - 98.3 *	-	-	
Nebraska	-	-		421	95.1	91.6 - 97.2 *	-	-	
New Hampshire	-	-		302	96.1	91.9 - 98.2 *	-	-	
New Jersey	-	-		1,712	93.3	89.3 - 95.9	-	-	
New Mexico	-	-		429	93.2	88.5 - 96.0 *	-	-	
New York	-	-		3,854	93.7	90.9 - 95.7	-	-	
North Carolina	-	-		1,578	89.4	83.4 - 93.3	-	-	
North Dakota	-	-		161	95.9	90.2 - 98.3 *	-	-	
Ohio	-	-		2,077	91.3	86.5 - 94.5	-	-	
Oklahoma	-	-		651	92.3	89.0 - 94.6 *	-	-	
Oregon	-	-		867	97.9	96.1 - 98.9 *	-	-	
Pennsylvania	-	-		2,689	91.5	87.6 - 94.2	-	-	
Rhode Island	-	-		226	96.2	91.7 - 98.3 *	-	-	
South Carolina	-	-		650	95.6	93.1 - 97.2 *	-	-	
Tennessee	-	-		1,041	95.3	93.2 - 96.8 *	-	-	
Texas	-	-		4,402	87.6	84.0 - 90.5	-	-	
Utah	-	-		656	95.8	89.0 - 98.4	-	-	
Vermont	-	-		132	95.7	88.1 - 98.5 *	-	-	
Virginia	-	-		1,168	95.5	93.6 - 96.9 *	-	-	
Washington	-	-		1,598	94.8	90.0 - 97.4	-	-	
WA - Seattle	-	-		1,168	95.3	89.5 - 98.0	-	-	
West Virginia	-	-		335	84.7	68.5 - 93.0	-	-	
Wisconsin	-	-		1,304	94.2	88.0 - 97.2	-	-	
Wyoming	-	-		138	97.3	84.3 - 99.6 *	-	-	
NAACCR CDN Combined	-	-		2,763	92.3	84.8 - 96.2	-	-	
Alberta	-	-		910	86.2	82.2 - 89.3	-	-	
British Columbia	-	-		957	94.5	89.4 - 97.2	-	-	
Manitoba	-	-		261	94.3	89.4 - 97.0 *	-	-	
New Brunswick	-	-		134	95.4	89.7 - 98.0 *	-	-	
Newfoundland and Labrador	-	-		64	95.1	84.5 - 98.5 *	-	-	
Northwest Territory	-	-		15	100.0		-	-	
Nova Scotia	-	-		169	88.3	86.1 - 90.2	-	-	
Prince Edward Island	-	-		22	89.7	63.3 - 97.5 *	-	-	
Saskatchewan	-	-		231	95.2	89.8 - 97.8 *	-	-	
NAACCR N.A. Combined	-	-		56,527	92.5	91.6 - 93.3	-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Urinary Bladder (incl. in situ)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	455,951	76.7	76.5 - 76.9	346,408	77.7	77.4 - 77.9	109,543	73.7	73.3 - 74.2
Alabama	7,105	74.5	72.6 - 76.4	5,466	75.5	73.3 - 77.6	1,639	70.8	66.8 - 74.3
Alaska	843	74.2	68.6 - 79.0	644	74.4	67.0 - 80.4	199	70.5	60.8 - 78.2
Arizona	9,876	76.2	74.6 - 77.6	7,632	76.0	74.1 - 77.7	2,244	75.9	73.2 - 78.4
Arkansas	4,571	75.2	73.0 - 77.3	3,597	75.6	73.0 - 78.0	974	73.2	68.7 - 77.2
California	45,537	76.6	75.9 - 77.3	34,924	77.5	76.7 - 78.3	10,613	73.6	72.3 - 74.9
CA - Greater California	26,552	75.4	74.5 - 76.3	20,470	76.1	75.1 - 77.2	6,082	73.1	71.3 - 74.8
CA - Greater Bay Area	8,757	80.0	78.6 - 81.4	6,608	80.7	79.0 - 82.3	2,149	77.6	74.8 - 80.1
CA - Los Angeles	10,249	76.4	75.0 - 77.8	7,863	78.1	76.5 - 79.7	2,386	70.8	67.8 - 73.6
Colorado	6,564	78.0	76.2 - 79.7	5,052	78.7	76.6 - 80.6	1,512	75.7	72.1 - 79.0
Connecticut	7,916	76.4	74.7 - 77.9	5,880	76.9	75.0 - 78.8	2,036	74.3	71.1 - 77.2
Delaware	1,856	77.6	74.0 - 80.8	1,415	78.8	74.3 - 82.6	441	72.1	65.7 - 77.6
Florida	37,689	75.5	74.7 - 76.3	29,083	76.2	75.2 - 77.1	8,606	73.5	71.9 - 74.9
Georgia	11,723	72.9	71.4 - 74.3	8,925	75.1	73.4 - 76.7	2,798	66.0	63.2 - 68.7
Hawaii	1,631	71.6	67.4 - 75.4	1,236	71.6	66.7 - 75.9	395	69.1	61.4 - 75.6 *
Idaho	2,550	80.1	77.2 - 82.6	1,997	79.7	76.3 - 82.6	553	80.7	75.1 - 85.1
Illinois	20,608	78.5	77.4 - 79.4	15,429	79.6	78.4 - 80.7	5,179	75.3	73.4 - 77.1
Iowa	5,661	75.9	73.9 - 77.8	4,408	76.5	74.1 - 78.8	1,253	73.4	69.6 - 76.8
Kentucky	7,664	75.8	73.9 - 77.5	5,794	76.9	74.7 - 78.9	1,870	72.4	69.0 - 75.5
Louisiana	6,262	75.0	73.0 - 76.9	4,795	76.4	74.0 - 78.5	1,467	70.0	66.1 - 73.5
Maine	3,386	77.3	74.8 - 79.6	2,550	77.6	74.7 - 80.3	836	75.7	70.9 - 79.8
Maryland	8,869	78.0	76.4 - 79.4	6,616	79.5	77.6 - 81.2	2,253	73.2	70.2 - 75.9
Michigan	18,232	76.7	75.6 - 77.7	13,681	77.7	76.4 - 78.9	4,551	73.6	71.6 - 75.6
MI - Detroit	7,075	75.6	73.8 - 77.3	5,248	76.7	74.6 - 78.7	1,827	72.2	68.9 - 75.3
Minnesota	9,050	80.8	79.3 - 82.2	6,875	81.6	79.9 - 83.2	2,175	78.3	75.3 - 81.0
Mississippi	3,830	73.4	70.6 - 75.9	2,923	75.0	71.9 - 77.8	907	67.5	62.5 - 72.0
Missouri	9,529	75.7	74.1 - 77.2	7,222	77.1	75.3 - 78.8	2,307	71.1	68.2 - 73.8
Montana	1,937	73.3	69.5 - 76.7	1,485	73.5	68.9 - 77.6	452	70.9	63.7 - 77.0
Nebraska	2,974	77.5	74.7 - 80.0	2,273	78.4	75.2 - 81.2	701	73.2	67.3 - 78.3
New Hampshire	3,111	81.9	79.4 - 84.1	2,358	82.6	79.7 - 85.1	753	79.6	74.6 - 83.7
New Jersey	16,442	76.8	75.6 - 77.9	12,158	77.9	76.6 - 79.2	4,284	73.7	71.4 - 75.8
New Mexico	2,368	72.9	69.6 - 75.8	1,836	74.4	70.7 - 77.7	532	67.5	61.3 - 72.9
New York	35,847	78.5	77.7 - 79.2	26,573	79.5	78.6 - 80.3	9,274	75.6	74.2 - 77.0
North Carolina	15,007	76.7	75.4 - 77.9	11,329	77.6	76.1 - 79.0	3,678	73.7	71.4 - 75.9
North Dakota	1,181	75.6	71.1 - 79.4	932	74.8	69.3 - 79.5	249	76.3	68.3 - 82.6
Ohio	20,671	76.2	75.1 - 77.2	15,713	77.1	75.8 - 78.3	4,958	73.6	71.6 - 75.5
Oklahoma	5,574	73.9	71.9 - 75.9	4,309	74.2	71.8 - 76.4	1,265	71.9	67.9 - 75.6
Oregon	6,881	80.4	78.6 - 82.0	5,296	81.7	79.6 - 83.6	1,585	75.8	72.2 - 78.9
Pennsylvania	27,731	77.9	77.0 - 78.8	20,839	79.0	77.9 - 80.0	6,892	74.6	73.0 - 76.2
Rhode Island	2,282	80.9	77.8 - 83.6	1,665	81.9	78.3 - 84.9	617	76.6	71.4 - 81.0
South Carolina	7,249	73.9	72.0 - 75.7	5,466	76.4	74.2 - 78.5	1,783	66.4	62.8 - 69.7
Tennessee	9,779	74.5	72.9 - 76.0	7,482	75.8	73.9 - 77.6	2,297	70.3	67.1 - 73.1
Texas	24,946	74.7	73.8 - 75.7	19,299	75.7	74.6 - 76.7	5,647	71.8	70.0 - 73.6
Utah	2,509	73.6	70.6 - 76.4	2,025	73.9	70.5 - 76.9	484	72.7	66.0 - 78.3
Vermont	1,264	76.0	71.4 - 80.0	949	77.3	71.9 - 81.8	315	66.9	60.3 - 72.6
Virginia	10,791	75.3	73.9 - 76.7	8,113	76.1	74.4 - 77.7	2,678	72.6	69.9 - 75.1
Washington	10,899	77.7	76.3 - 79.0	8,353	78.4	76.8 - 79.9	2,546	74.9	72.3 - 77.4
WA - Seattle	7,536	77.6	75.9 - 79.1	5,786	78.4	76.5 - 80.2	1,750	74.4	71.3 - 77.2
West Virginia	3,897	74.9	72.3 - 77.3	2,930	75.9	73.1 - 78.5	967	70.6	65.9 - 74.8
Wisconsin	10,715	79.1	77.7 - 80.5	8,153	80.0	78.3 - 81.5	2,562	76.5	73.8 - 79.1
Wyoming	944	77.4	72.6 - 81.4	728	78.3	72.7 - 83.0	216	71.7	61.8 - 79.5 *
NAACCR CDN Combined	22,830	77.4	76.5 - 78.3	17,357	77.9	76.8 - 78.9	5,473	76.0	74.2 - 77.6
Alberta	5,412	77.8	75.8 - 79.5	4,161	78.2	75.9 - 80.3	1,251	76.1	72.6 - 79.3
British Columbia	8,578	76.5	75.0 - 78.0	6,598	76.5	74.8 - 78.2	1,980	76.5	73.6 - 79.1
Manitoba	1,906	72.9	69.1 - 76.3	1,412	75.9	71.5 - 79.7	494	63.7	56.4 - 70.2
New Brunswick	1,654	78.0	74.4 - 81.1	1,266	78.7	74.5 - 82.4	388	74.4	67.3 - 80.1
Newfoundland and Labrador	1,025	77.5	72.2 - 81.8	771	74.6	68.0 - 80.1 *	254	79.5	69.3 - 86.6
Northwest Territory	19	-		14	-		-	-	
Nova Scotia	2,054	79.3	76.5 - 81.9	1,512	80.1	76.7 - 83.1	542	74.7	68.8 - 79.6 *
Prince Edward Island	286	79.3	70.1 - 85.9 *	209	81.9	72.2 - 88.5 *	77	67.2	45.8 - 81.7 *
Saskatchewan	1,896	78.3	75.1 - 81.2	1,414	79.2	75.6 - 82.4	482	75.1	69.1 - 80.1
NAACCR N.A. Combined	478,781	76.7	76.5 - 76.9	363,765	77.7	77.4 - 77.9	115,016	73.9	73.5 - 74.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-18 Survival – Urinary Bladder (incl. in situ)

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	358,498	71.9	71.7 - 72.2	224,869	71.3	71.0 - 71.7	133,629	73.1	72.7 - 73.5
Alabama	6,429	73.5	71.6 - 75.3	3,960	71.9	69.3 - 74.3	2,469	75.8	73.0 - 78.3
Alaska	754	65.3	58.2 - 71.4	485	61.9	53.4 - 69.2	269	68.5	55.4 - 78.5
Arizona	7,884	73.5	71.8 - 75.1	4,968	72.3	70.1 - 74.4	2,916	75.4	72.8 - 77.7
Arkansas	4,064	70.5	67.9 - 73.0	2,548	68.9	65.4 - 72.1	1,516	72.1	67.9 - 75.9
California	37,697	70.8	70.0 - 71.5	24,130	70.6	69.6 - 71.6	13,567	71.3	70.1 - 72.5
CA - Greater California	21,890	70.3	69.3 - 71.3	13,961	69.9	68.6 - 71.1	7,929	71.2	69.6 - 72.7
CA - Greater Bay Area	6,779	72.1	70.3 - 73.8	4,388	72.9	70.6 - 75.0	2,391	71.1	68.2 - 73.7
CA - Los Angeles	9,037	70.7	69.1 - 72.3	5,788	70.2	68.1 - 72.2	3,249	71.9	69.3 - 74.3
Colorado	4,954	71.1	69.0 - 73.1	3,082	70.9	68.0 - 73.6	1,872	71.5	68.3 - 74.4
Connecticut	4,419	74.9	72.6 - 77.0	2,875	74.7	71.6 - 77.6	1,544	74.7	71.3 - 77.7
Delaware	1,273	72.4	67.8 - 76.4	823	73.9	67.8 - 79.1	450	68.4	61.4 - 74.4
Florida	24,357	71.2	70.2 - 72.1	15,655	70.5	69.3 - 71.6	8,702	72.3	70.9 - 73.7
Georgia	10,659	69.3	67.6 - 71.0	6,625	66.9	64.6 - 69.2	4,034	72.7	70.2 - 75.1
Hawaii	1,485	73.3	69.5 - 76.7	969	73.1	68.3 - 77.4	516	73.4	67.3 - 78.6
Idaho	1,805	70.5	66.7 - 73.9	1,137	70.2	65.7 - 74.2	668	70.5	64.4 - 75.8
Illinois	16,602	72.8	71.7 - 74.0	10,264	72.4	70.7 - 73.9	6,338	73.8	72.1 - 75.5
Iowa	4,400	68.0	65.8 - 70.2	2,787	65.4	62.5 - 68.2	1,613	71.6	68.1 - 74.7
Kentucky	6,788	70.0	68.0 - 72.0	4,169	68.1	65.4 - 70.6	2,619	72.2	69.1 - 75.0
Louisiana	7,215	71.3	69.3 - 73.2	4,380	71.0	68.3 - 73.6	2,835	71.9	69.2 - 74.4
Maine	1,892	68.2	64.5 - 71.6	1,173	65.5	60.6 - 69.9	719	72.4	66.6 - 77.3
Maryland	6,452	74.9	73.0 - 76.7	3,987	72.7	70.1 - 75.1	2,465	78.3	75.5 - 80.9
Michigan	12,885	71.8	70.5 - 73.1	8,113	72.2	70.4 - 74.0	4,772	71.5	69.4 - 73.4
MI - Detroit	5,334	72.2	70.0 - 74.3	3,363	72.8	69.8 - 75.5	1,971	71.4	68.0 - 74.4
Minnesota	6,417	75.3	73.3 - 77.2	4,159	74.0	71.2 - 76.5	2,258	77.1	74.2 - 79.6
Mississippi	4,428	71.8	69.1 - 74.3	2,668	70.5	67.0 - 73.7	1,760	73.5	69.5 - 77.0
Missouri	8,347	69.8	68.1 - 71.5	5,091	69.7	67.4 - 71.9	3,256	70.2	67.6 - 72.6
Montana	1,246	69.2	64.0 - 73.9	798	69.4	63.0 - 75.0	448	67.9	58.5 - 75.6
Nebraska	2,382	67.6	64.4 - 70.6	1,535	66.1	61.7 - 70.1	847	70.8	66.0 - 75.0
New Hampshire	1,649	73.5	69.3 - 77.2	1,051	71.8	65.7 - 77.0	598	76.1	70.2 - 80.9
New Jersey	10,849	75.4	73.9 - 76.8	6,898	75.5	73.6 - 77.4	3,951	75.3	73.1 - 77.4
New Mexico	2,210	65.9	62.4 - 69.2	1,362	63.9	59.3 - 68.2	848	67.3	61.9 - 72.1
New York	24,425	74.1	73.2 - 75.0	15,520	73.8	72.5 - 75.0	8,905	74.7	73.3 - 76.1
North Carolina	12,362	71.9	70.4 - 73.4	7,630	71.4	69.4 - 73.3	4,732	72.9	70.6 - 75.0
North Dakota	899	70.7	66.1 - 74.7	557	68.7	62.6 - 74.1	342	72.8	66.1 - 78.3
Ohio	15,214	73.1	71.8 - 74.3	9,327	72.2	70.4 - 73.9	5,887	74.4	72.5 - 76.2
Oklahoma	5,247	66.9	64.6 - 69.2	3,187	66.3	63.1 - 69.2	2,060	67.7	64.1 - 71.1
Oregon	4,702	73.2	71.0 - 75.4	2,978	72.0	69.0 - 74.7	1,724	74.1	70.5 - 77.3
Pennsylvania	17,897	72.9	71.7 - 74.0	11,144	73.0	71.5 - 74.5	6,753	73.0	71.3 - 74.6
Rhode Island	1,343	76.0	72.1 - 79.5	836	74.5	68.1 - 79.7	507	78.3	72.7 - 82.9
South Carolina	6,039	68.8	66.5 - 70.9	3,791	67.0	64.1 - 69.7	2,248	71.0	67.6 - 74.1
Tennessee	8,756	73.2	71.3 - 74.9	5,431	72.8	70.2 - 75.1	3,325	74.1	71.4 - 76.7
Texas	31,011	71.2	70.3 - 72.1	19,068	70.3	69.0 - 71.5	11,943	72.7	71.3 - 74.1
Utah	2,153	64.8	61.4 - 68.0	1,366	62.9	58.3 - 67.1	787	68.0	62.7 - 72.6
Vermont	765	71.3	65.6 - 76.2	501	71.8	64.2 - 78.1	264	69.0	59.7 - 76.6
Virginia	8,806	73.2	71.5 - 74.9	5,582	73.2	71.0 - 75.3	3,224	73.7	71.1 - 76.0
Washington	7,860	70.5	68.7 - 72.2	5,044	69.6	67.2 - 71.8	2,816	72.1	69.3 - 74.6
WA - Seattle	5,480	70.9	68.7 - 72.9	3,534	70.1	67.3 - 72.8	1,946	72.6	69.2 - 75.6
West Virginia	3,021	70.1	67.2 - 72.9	1,817	69.5	64.8 - 73.6	1,204	70.4	66.0 - 74.3
Wisconsin	7,851	71.9	70.1 - 73.6	4,997	71.9	69.5 - 74.2	2,854	72.4	69.8 - 74.9
Wyoming	605	70.8	63.3 - 77.1	401	68.9	58.7 - 77.1	204	70.3	60.0 - 78.4
NAACCR CDN Combined	14,851	67.3	66.1 - 68.5	9,534	66.8	65.3 - 68.3	5,317	68.5	66.7 - 70.3
Alberta	3,706	70.9	68.5 - 73.2	2,392	71.0	68.1 - 73.7	1,314	70.0	65.9 - 73.6
British Columbia	4,208	63.2	61.0 - 65.3	2,789	62.3	59.4 - 64.9	1,419	65.3	61.8 - 68.5
Manitoba	1,609	62.4	58.7 - 65.8	1,053	61.3	56.7 - 65.5	556	64.9	58.8 - 70.2
New Brunswick	1,265	73.2	69.5 - 76.5	795	70.9	65.8 - 75.4	470	75.6	70.2 - 80.3
Newfoundland and Labrador	930	71.7	66.7 - 76.1	558	73.2	67.9 - 77.8	372	68.0	61.0 - 74.0
Northwest Territory	43	64.5	45.0 - 78.6 *	29	-	-	14	-	-
Nova Scotia	1,611	71.2	68.0 - 74.3	988	68.9	64.4 - 73.0	623	73.9	68.8 - 78.3
Prince Edward Island	179	49.8	36.4 - 61.8	114	53.6	38.1 - 66.9	65	57.0	36.6 - 73.0 *
Saskatchewan	1,300	61.9	57.8 - 65.7	816	63.0	57.6 - 67.9	484	60.8	54.5 - 66.5
NAACCR N.A. Combined	373,349	71.7	71.5 - 72.0	234,403	71.1	70.8 - 71.5	138,946	72.9	72.5 - 73.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Brain & Other Nervous System (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	125,729	30.5	30.2 - 30.8	70,270	28.8	28.4 - 29.2	55,459	32.8	32.4 - 33.3
Alabama	2,107	27.9	25.7 - 30.2	1,153	26.4	23.4 - 29.6	954	29.4	26.1 - 32.8
Alaska	292	35.2	28.6 - 42.0 *	178	31.9	23.9 - 40.1 *	114	32.3	23.9 - 40.9
Arizona	2,759	30.9	29.0 - 32.9	1,520	29.0	26.3 - 31.7	1,239	32.8	29.9 - 35.8
Arkansas	1,265	30.8	27.8 - 33.9	714	32.1	28.4 - 35.9	551	29.4	24.7 - 34.2
California	14,412	29.7	28.8 - 30.7	8,101	28.1	26.9 - 29.3	6,311	32.0	30.5 - 33.4
CA - Greater California	8,283	29.6	28.4 - 30.8	4,650	27.7	26.1 - 29.2	3,633	32.4	30.6 - 34.3
CA - Greater Bay Area	2,874	30.1	28.1 - 32.2	1,637	29.1	26.5 - 31.8	1,237	31.5	28.4 - 34.7
CA - Los Angeles	3,255	29.6	27.6 - 31.6	1,815	27.9	25.5 - 30.4	1,440	31.5	28.4 - 34.6
Colorado	2,095	31.9	29.7 - 34.2	1,216	31.2	28.3 - 34.1	879	32.8	29.5 - 36.2
Connecticut	1,750	29.7	27.0 - 32.5	985	27.5	23.8 - 31.3	765	32.9	29.0 - 36.7
Delaware	394	24.3	19.2 - 29.9 *	197	26.3	19.4 - 33.8	197	25.5	17.7 - 34.0 *
Florida	9,193	31.1	29.9 - 32.3	5,157	29.0	27.5 - 30.6	4,036	33.9	32.1 - 35.7
Georgia	3,707	28.1	26.3 - 29.9	2,087	26.1	23.8 - 28.4	1,620	30.6	27.9 - 33.3
Hawaii	395	27.4	22.6 - 32.5	223	25.5	19.8 - 31.6	172	23.6	15.2 - 33.1 *
Idaho	706	27.3	23.3 - 31.4	437	22.6	17.8 - 27.8	269	34.5	28.0 - 41.1
Illinois	5,362	31.9	30.5 - 33.3	2,976	30.0	28.1 - 31.9	2,386	34.4	32.2 - 36.5
Iowa	1,518	27.7	25.0 - 30.4	834	20.6	17.2 - 24.3 *	684	32.1	28.2 - 36.1
Kentucky	2,228	28.6	26.4 - 30.9	1,233	26.7	23.9 - 29.7	995	25.4	22.0 - 29.0 *
Louisiana	1,700	28.6	26.1 - 31.1	950	25.5	22.3 - 28.8	750	32.3	28.6 - 36.2
Maine	751	31.0	27.0 - 35.0	423	24.4	19.4 - 29.8 *	328	33.8	27.8 - 39.9
Maryland	2,335	33.1	30.9 - 35.2	1,292	28.8	26.0 - 31.7	1,043	38.2	35.0 - 41.4
Michigan	4,433	31.3	29.6 - 33.0	2,488	29.9	27.7 - 32.2	1,945	32.7	30.1 - 35.2
MI - Detroit	1,651	28.8	26.1 - 31.5	906	26.7	23.1 - 30.4	745	31.0	27.3 - 34.9
Minnesota	2,422	28.2	26.1 - 30.4	1,388	25.6	23.0 - 28.4	1,034	31.7	28.3 - 35.0
Mississippi	1,183	26.3	23.2 - 29.5	641	21.9	17.9 - 26.1 *	542	25.9	21.3 - 30.6
Missouri	2,712	31.4	29.4 - 33.4	1,494	27.9	25.3 - 30.6	1,218	35.5	32.5 - 38.5
Montana	549	27.2	22.7 - 31.9	321	23.4	17.9 - 29.3	228	33.4	26.7 - 40.1
Nebraska	857	24.6	21.1 - 28.2 *	486	25.3	20.7 - 30.2 *	371	23.6	18.5 - 29.0 *
New Hampshire	694	29.3	25.5 - 33.2	396	23.3	18.3 - 28.8 *	298	25.1	18.8 - 31.9 *
New Jersey	4,161	32.9	31.2 - 34.6	2,338	30.2	27.9 - 32.5	1,823	36.5	34.0 - 38.9
New Mexico	726	30.2	26.0 - 34.4	406	22.0	16.7 - 27.8 *	320	33.9	27.6 - 40.3
New York	8,597	32.8	31.7 - 34.0	4,714	31.6	30.0 - 33.1	3,883	34.3	32.6 - 36.1
North Carolina	4,238	29.1	27.5 - 30.7	2,315	27.7	25.6 - 29.8	1,923	25.2	22.8 - 27.8 *
North Dakota	300	21.6	16.0 - 27.7 *	167	17.8	10.9 - 26.0 *	133	26.0	17.3 - 35.5 *
Ohio	5,189	29.1	27.6 - 30.7	2,966	27.7	25.7 - 29.6	2,223	31.3	28.9 - 33.7
Oklahoma	1,618	27.8	25.2 - 30.5	884	23.6	20.2 - 27.2	734	32.7	28.8 - 36.7
Oregon	1,982	27.7	25.4 - 30.1	1,130	25.8	22.7 - 29.0	852	30.2	26.8 - 33.6
Pennsylvania	6,271	30.8	29.4 - 32.1	3,472	29.8	28.0 - 31.6	2,799	32.1	29.9 - 34.2
Rhode Island	457	21.5	16.4 - 27.1	234	21.7	14.9 - 29.4	223	19.8	12.8 - 27.8 *
South Carolina	2,091	26.9	24.4 - 29.4	1,179	23.7	20.5 - 27.0	912	31.1	27.5 - 34.7
Tennessee	2,827	28.1	26.3 - 30.0	1,553	26.4	23.9 - 28.9	1,274	30.4	27.6 - 33.2
Texas	9,465	34.1	33.0 - 35.2	5,293	32.7	31.3 - 34.2	4,172	35.8	34.1 - 37.5
Utah	1,043	31.4	28.2 - 34.5	608	32.1	28.2 - 36.2	435	29.9	25.2 - 34.8
Vermont	347	24.4	19.2 - 29.8 *	196	24.5	17.9 - 31.7 *	151	24.2	16.4 - 32.8 *
Virginia	3,189	29.3	27.6 - 31.1	1,723	28.0	25.6 - 30.4	1,466	30.8	28.4 - 33.4
Washington	3,359	31.9	30.1 - 33.7	1,936	29.7	27.2 - 32.3	1,423	34.5	31.8 - 37.3
WA - Seattle	2,368	33.8	31.7 - 36.0	1,351	32.0	29.1 - 34.9	1,017	36.5	33.3 - 39.7
West Virginia	932	29.1	25.8 - 32.6	515	28.2	24.1 - 32.5	417	30.4	25.0 - 35.9
Wisconsin	2,831	28.6	26.6 - 30.7	1,597	26.9	24.3 - 29.6	1,234	31.1	28.0 - 34.2
Wyoming	287	24.9	18.5 - 31.9 *	154	21.0	13.0 - 30.2 *	133	29.5	19.9 - 39.8 *
NAACCR CDN Combined	5,961	26.1	24.8 - 27.5	3,500	25.1	23.4 - 26.9	2,461	22.1	20.1 - 24.2 *
Alberta	1,581	26.4	23.7 - 29.2 *	941	24.5	21.1 - 28.1 *	640	29.2	24.8 - 33.7 *
British Columbia	2,159	25.8	23.6 - 28.1	1,287	24.8	22.0 - 27.7	872	27.4	23.8 - 31.1
Manitoba	536	22.2	17.5 - 27.1 *	294	21.5	15.5 - 28.2 *	242	23.3	16.6 - 30.5 *
New Brunswick	387	17.9	13.4 - 22.9 *	224	19.1	12.9 - 26.2 *	163	16.0	9.9 - 23.5 *
Newfoundland and Labrador	288	19.2	13.7 - 25.4	167	18.0	11.4 - 25.9	121	20.3	13.2 - 28.5
Northwest Territory	10	-	-	-	-	-	-	-	-
Nova Scotia	484	26.7	21.8 - 31.9	290	22.3	16.5 - 28.7 *	194	17.4	11.2 - 24.6 *
Prince Edward Island	69	18.0	8.5 - 30.3 *	47	25.3	12.4 - 40.5 *	22	9.4	1.6 - 26.0 *
Saskatchewan	447	19.7	15.2 - 24.7 *	245	18.0	12.2 - 24.7 *	202	27.1	20.7 - 33.8
NAACCR N.A. Combined	131,690	30.3	30.0 - 30.6	73,770	28.6	28.2 - 29.0	57,920	32.6	32.1 - 33.1

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-20 Survival – Brain & Other Nervous System (invasive)

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	260,160	91.4	91.3 - 91.6	83,990	89.6	89.2 - 90.0	176,170	92.3	92.1 - 92.5
Alabama	2,829	90.9	88.7 - 92.7	942	88.0	83.6 - 91.3	1,887	91.5	89.1 - 93.5
Alaska	575	92.9	88.8 - 95.5	195	86.5	73.2 - 93.5	380	93.5	89.3 - 96.1
Arizona	5,339	91.5	90.2 - 92.5	1,730	88.6	86.1 - 90.6	3,609	92.6	91.2 - 93.8
Arkansas	2,148	90.8	88.6 - 92.5	757	87.9	83.8 - 91.0	1,391	91.7	89.1 - 93.7
California	29,271	91.0	90.4 - 91.5	9,409	88.1	87.0 - 89.2	19,862	92.2	91.6 - 92.8
CA - Greater California	16,490	90.0	89.2 - 90.7	5,374	87.0	85.5 - 88.3	11,116	91.3	90.5 - 92.1
CA - Greater Bay Area	6,114	93.1	92.0 - 94.1	1,967	90.2	87.8 - 92.1	4,147	94.1	92.8 - 95.1
CA - Los Angeles	6,674	91.2	89.9 - 92.2	2,069	88.5	85.9 - 90.6	4,605	92.1	90.7 - 93.3
Colorado	5,574	91.7	90.3 - 92.8	1,743	89.5	87.0 - 91.6	3,831	92.4	90.9 - 93.7
Connecticut	2,886	90.4	88.4 - 92.0	989	87.4	83.5 - 90.4	1,897	91.5	89.3 - 93.3
Delaware	692	88.3	84.1 - 91.4	239	86.7	80.1 - 91.3	453	87.9	82.7 - 91.6
Florida	21,125	89.8	89.2 - 90.4	6,741	86.7	85.3 - 87.9	14,384	91.3	90.5 - 91.9
Georgia	7,969	88.8	87.6 - 90.0	2,552	86.1	83.6 - 88.2	5,417	90.1	88.6 - 91.4
Hawaii	1,113	84.4	81.1 - 87.1	370	79.9	74.0 - 84.5	743	86.0	81.8 - 89.3
Idaho	1,240	91.6	88.6 - 93.8	416	88.1	83.1 - 91.6	824	92.6	89.3 - 94.8
Illinois	11,765	92.9	92.0 - 93.7	3,743	91.9	90.3 - 93.3	8,022	93.1	92.1 - 94.0
Iowa	3,107	91.5	89.6 - 93.0	1,005	90.0	87.0 - 92.4	2,102	91.7	89.5 - 93.5
Kentucky	4,949	91.3	89.9 - 92.5	1,463	87.6	84.8 - 89.9	3,486	92.5	90.8 - 93.8
Louisiana	3,844	89.2	87.4 - 90.7	1,300	87.1	83.9 - 89.7	2,544	89.4	87.4 - 91.2
Maine	994	91.3	87.9 - 93.7	351	90.9	83.3 - 95.1	643	90.4	86.8 - 93.1
Maryland	4,674	89.5	88.0 - 90.8	1,513	88.4	85.5 - 90.7	3,161	89.7	87.9 - 91.3
Michigan	8,523	89.2	88.1 - 90.2	2,683	86.0	83.7 - 87.9	5,840	90.3	89.0 - 91.5
MI - Detroit	4,115	87.5	85.7 - 89.0	1,234	83.9	80.2 - 87.0	2,881	88.7	86.8 - 90.4
Minnesota	3,367	94.6	92.9 - 96.0	1,249	94.6	91.8 - 96.5	2,118	93.6	91.2 - 95.3
Mississippi	2,248	88.9	86.5 - 90.9	712	86.3	81.1 - 90.2	1,536	89.2	86.6 - 91.3
Missouri	5,664	91.4	90.1 - 92.6	1,818	88.9	86.5 - 90.8	3,846	92.1	90.4 - 93.4
Montana	918	90.6	87.4 - 93.0	318	89.0	81.9 - 93.4	600	90.5	86.4 - 93.4
Nebraska	1,345	91.1	88.5 - 93.2	448	85.8	79.8 - 90.1	897	93.1	90.5 - 95.1
New Hampshire	1,102	94.1	90.5 - 96.3	378	94.6	89.2 - 97.3	724	93.3	88.6 - 96.1
New Jersey	8,179	91.3	90.2 - 92.4	2,706	90.2	88.0 - 92.0	5,473	91.7	90.3 - 92.8
New Mexico	1,404	88.1	85.2 - 90.5	438	84.7	78.8 - 89.0	966	89.4	85.9 - 92.0
New York	20,750	91.0	90.4 - 91.6	6,640	88.2	86.8 - 89.5	14,110	92.4	91.6 - 93.0
North Carolina	8,786	91.6	90.5 - 92.6	2,765	90.2	88.3 - 91.9	6,021	92.0	90.7 - 93.1
North Dakota	454	92.7	88.1 - 95.6	160	87.5	77.1 - 93.4	294	94.2	89.8 - 96.7
Ohio	8,564	91.4	90.4 - 92.4	2,796	89.0	86.9 - 90.8	5,768	92.2	91.0 - 93.2
Oklahoma	3,116	92.4	90.4 - 93.9	1,000	85.9	81.5 - 89.3	2,116	94.2	92.5 - 95.5
Oregon	2,720	94.2	92.3 - 95.7	969	92.5	89.3 - 94.8	1,751	94.6	92.5 - 96.2
Pennsylvania	14,322	92.4	91.6 - 93.1	4,539	91.5	90.0 - 92.8	9,783	92.7	91.8 - 93.5
Rhode Island	822	90.0	87.0 - 92.4	278	88.1	80.8 - 92.7	544	90.0	86.5 - 92.6
South Carolina	4,209	90.9	89.3 - 92.3	1,293	87.8	84.8 - 90.2	2,916	91.6	89.7 - 93.2
Tennessee	6,551	91.0	89.7 - 92.1	2,079	89.3	86.9 - 91.3	4,472	91.4	89.9 - 92.7
Texas	21,793	92.0	91.3 - 92.6	6,942	90.2	88.9 - 91.3	14,851	92.7	91.9 - 93.4
Utah	2,829	92.8	90.6 - 94.5	893	90.8	86.8 - 93.6	1,936	93.2	90.5 - 95.1
Vermont	670	89.8	85.4 - 92.8	192	86.6	76.9 - 92.4	478	90.7	85.9 - 93.9
Virginia	5,638	92.1	90.9 - 93.2	1,890	90.5	88.2 - 92.3	3,748	92.7	91.2 - 94.0
Washington	8,079	93.5	92.5 - 94.4	2,704	92.3	90.4 - 93.9	5,375	93.9	92.8 - 94.9
WA - Seattle	6,809	94.0	92.9 - 95.0	2,259	92.6	90.6 - 94.2	4,550	94.4	93.0 - 95.6
West Virginia	1,557	91.0	88.1 - 93.2	514	86.7	82.0 - 90.3	1,043	92.4	88.9 - 94.8
Wisconsin	6,038	94.0	92.8 - 94.9	1,988	92.1	89.9 - 93.8	4,050	94.7	93.3 - 95.8
Wyoming	418	91.8	84.8 - 95.7	140	91.5	77.4 - 96.9	278	90.1	80.9 - 95.1
NAACCR CDN Combined	6,381	88.8	87.7 - 89.9	2,271	88.2	86.3 - 89.8	4,110	88.7	87.3 - 90.0
Alberta	2,176	86.7	84.6 - 88.5	805	84.7	81.3 - 87.6	1,371	87.2	84.6 - 89.4
British Columbia	2,111	91.3	89.5 - 92.9	716	91.9	89.2 - 94.0	1,395	90.5	88.1 - 92.4
Manitoba	818	87.1	83.7 - 89.8	290	85.9	80.1 - 90.1	528	86.8	82.4 - 90.2
New Brunswick	308	88.5	82.9 - 92.4	111	90.1	81.8 - 94.8	197	85.4	77.0 - 91.0
Newfoundland and Labrador	184	80.3	71.4 - 86.7	69	75.0	60.4 - 84.9 *	115	82.1	71.4 - 89.1
Northwest Territory	-	-	-	-	-	-	-	-	-
Nova Scotia	393	91.1	86.6 - 94.1	149	90.3	82.1 - 94.9	244	90.5	84.8 - 94.1
Prince Edward Island	35	73.8	50.4 - 87.4 *	12	-	-	23	-	-
Saskatchewan	356	82.4	77.2 - 86.6	119	79.2	69.1 - 86.2	237	83.4	76.7 - 88.3
NAACCR N.A. Combined	266,541	91.4	91.2 - 91.6	86,261	89.6	89.2 - 90.0	180,280	92.2	92.0 - 92.4

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Thyroid**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	298,586	96.3	96.1 - 96.5	73,616	93.7	93.3 - 94.1	224,970	97.3	97.0 - 97.5
Alabama	3,206	94.8	93.1 - 96.1	830	92.2	88.9 - 94.6	2,376	94.6	91.7 - 96.5
Alaska	571	95.9	92.5 - 97.8 *	149	91.2	82.2 - 95.8 *	422	97.2	92.3 - 99.0 *
Arizona	7,053	96.2	95.1 - 97.1	1,630	92.4	90.1 - 94.2	5,423	97.3	96.2 - 98.1
Arkansas	2,286	94.7	92.2 - 96.5	594	90.4	84.7 - 94.1	1,692	95.9	92.8 - 97.6
California	33,770	94.4	93.8 - 95.0	8,093	91.6	90.2 - 92.9	25,677	95.5	94.8 - 96.1
CA - Greater California	18,568	94.8	93.9 - 95.6	4,432	92.7	90.8 - 94.3	14,136	95.4	94.4 - 96.3
CA - Greater Bay Area	5,945	93.6	92.2 - 94.8	1,494	89.7	86.1 - 92.4	4,451	94.6	93.3 - 95.7
CA - Los Angeles	9,258	93.9	92.6 - 95.0	2,167	89.5	86.5 - 91.9	7,091	95.2	93.8 - 96.3
Colorado	5,787	94.8	93.3 - 96.0	1,513	90.9	87.6 - 93.3	4,274	96.3	94.3 - 97.7
Connecticut	5,112	96.4	94.8 - 97.4	1,261	94.8	91.3 - 96.9	3,851	96.6	95.0 - 97.7
Delaware	1,005	95.3	90.7 - 97.6	222	91.2	83.5 - 95.4	783	95.7	89.8 - 98.2
Florida	17,676	95.5	94.7 - 96.2	4,474	92.9	91.2 - 94.2	13,202	96.5	95.7 - 97.2
Georgia	7,982	95.2	93.5 - 96.4	1,868	92.0	89.5 - 94.0	6,114	95.7	93.8 - 97.0
Hawaii	1,548	89.8	86.5 - 92.3	389	86.6	80.2 - 91.1	1,159	90.5	86.4 - 93.4
Idaho	1,770	95.0	92.0 - 96.9	411	89.3	82.2 - 93.7	1,359	95.8	92.8 - 97.6
Illinois	13,632	97.5	96.9 - 98.1	3,368	95.8	94.6 - 96.8	10,264	97.9	97.1 - 98.4
Iowa	3,023	92.8	90.2 - 94.7	806	89.8	84.4 - 93.4	2,217	93.7	90.6 - 95.8
Kentucky	4,746	95.3	93.8 - 96.4	1,233	90.6	86.7 - 93.4	3,513	96.5	94.8 - 97.6
Louisiana	4,282	95.7	93.4 - 97.2	1,057	91.4	86.9 - 94.4	3,225	96.8	93.5 - 98.4
Maine	1,552	93.6	89.4 - 96.1	426	90.3	81.8 - 94.9	1,126	94.2	89.3 - 96.8
Maryland	6,431	97.3	96.2 - 98.0	1,506	95.3	92.5 - 97.0	4,925	97.5	96.5 - 98.2
Michigan	9,528	94.5	93.1 - 95.6	2,356	91.7	89.0 - 93.8	7,172	95.3	93.7 - 96.5
MI - Detroit	4,437	95.4	93.3 - 96.8	1,044	91.7	87.7 - 94.4	3,393	96.4	93.9 - 97.9
Minnesota	4,876	94.8	93.5 - 95.8	1,251	89.2	85.2 - 92.2	3,625	96.5	95.0 - 97.5
Mississippi	2,271	93.3	90.1 - 95.5	527	92.8	88.3 - 95.6	1,744	92.0	88.1 - 94.7
Missouri	5,404	95.3	94.0 - 96.3	1,394	92.9	90.6 - 94.7	4,010	95.7	94.1 - 96.9
Montana	1,071	90.7	85.9 - 93.9	305	82.2	73.1 - 88.5	766	93.6	87.8 - 96.7
Nebraska	1,803	93.8	90.8 - 95.9	435	89.4	83.1 - 93.4	1,368	95.1	92.2 - 96.9
New Hampshire	1,537	95.7	92.0 - 97.7	409	91.6	85.0 - 95.3	1,128	97.2	91.2 - 99.1
New Jersey	12,534	97.7	96.7 - 98.3	3,111	95.6	94.1 - 96.6	9,423	98.0	96.9 - 98.7
New Mexico	2,210	93.1	90.1 - 95.2	520	83.3	77.7 - 87.7	1,690	95.8	93.4 - 97.3
New York	27,886	96.8	96.1 - 97.3	6,881	94.9	93.8 - 95.8	21,005	97.2	96.5 - 97.8
North Carolina	9,023	95.2	93.9 - 96.2	2,274	92.6	90.4 - 94.3	6,749	96.0	94.4 - 97.1
North Dakota	787	92.6	86.8 - 95.9	188	85.7	72.7 - 92.8	599	94.7	88.9 - 97.5
Ohio	12,040	96.4	95.7 - 97.0	2,821	91.4	88.8 - 93.4	9,219	97.6	96.9 - 98.1
Oklahoma	3,184	95.1	92.8 - 96.7	762	87.6	82.1 - 91.6	2,422	97.5	94.7 - 98.8
Oregon	3,725	96.0	94.5 - 97.1	954	90.8	87.1 - 93.5	2,771	97.5	96.0 - 98.5
Pennsylvania	19,262	97.4	97.0 - 97.8	4,821	95.4	94.2 - 96.5	14,441	98.0	97.5 - 98.4
Rhode Island	1,458	95.0	91.4 - 97.2	356	89.9	81.8 - 94.5	1,102	96.3	91.6 - 98.4
South Carolina	4,013	96.2	94.3 - 97.5	981	91.6	87.4 - 94.4	3,032	97.0	95.4 - 98.1
Tennessee	6,124	96.9	95.7 - 97.8	1,571	93.8	90.2 - 96.1	4,553	97.5	96.0 - 98.4
Texas	21,904	95.8	95.1 - 96.5	5,411	92.1	90.7 - 93.3	16,493	97.2	96.4 - 97.8
Utah	3,320	94.6	92.2 - 96.2	768	89.7	84.6 - 93.2	2,552	95.9	93.2 - 97.5
Vermont	629	93.6	88.3 - 96.6	170	88.0	73.6 - 94.8	459	94.4	89.7 - 97.0
Virginia	7,616	95.5	94.3 - 96.4	1,743	91.9	89.2 - 94.0	5,873	96.6	95.6 - 97.4
Washington	6,766	95.6	94.3 - 96.6	1,703	92.7	90.3 - 94.5	5,063	96.2	94.8 - 97.3
WA - Seattle	4,814	95.5	93.9 - 96.7	1,215	93.0	90.0 - 95.1	3,599	96.0	94.3 - 97.2
West Virginia	2,171	96.1	92.4 - 98.0	518	91.0	82.6 - 95.4	1,653	96.8	95.1 - 97.9
Wisconsin	5,457	95.5	94.2 - 96.5	1,413	93.1	90.3 - 95.1	4,044	96.0	94.6 - 97.1
Wyoming	555	93.4	88.4 - 96.3	143	92.2	82.0 - 96.7	412	93.5	87.8 - 96.6
NAACCR CDN Combined	10,290	93.9	92.8 - 94.9	2,702	89.8	87.5 - 91.7	7,588	95.6	94.5 - 96.5
Alberta	3,258	93.6	91.0 - 95.4	824	89.4	84.4 - 92.9	2,434	95.2	92.4 - 97.0
British Columbia	2,820	92.3	90.3 - 94.0	760	88.7	84.6 - 91.7	2,060	93.5	90.8 - 95.4
Manitoba	956	93.4	89.8 - 95.7	246	88.2	79.0 - 93.5	710	94.6	89.8 - 97.2
New Brunswick	917	94.2	90.7 - 96.5	242	89.0	80.9 - 93.8	675	95.8	90.8 - 98.1
Newfoundland and Labrador	743	95.6	89.7 - 98.2	193	87.4	77.3 - 93.2	550	99.1	97.3 - 99.7 *
Northwest Territory	16	93.2	59.8 - 99.0 *	-	-	-	15	100.0	-
Nova Scotia	860	92.6	88.7 - 95.2	233	90.0	83.0 - 94.2	627	93.0	87.6 - 96.1
Prince Edward Island	72	85.9	72.3 - 93.1	20	-	-	52	88.4	73.6 - 95.1
Saskatchewan	648	91.0	86.3 - 94.1	183	81.1	72.3 - 87.4	465	94.0	89.2 - 96.7
NAACCR N.A. Combined	308,876	96.2	96.0 - 96.4	76,318	93.6	93.2 - 94.0	232,558	97.2	97.0 - 97.4

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-22 Survival – Thyroid

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Hodgkin Lymphoma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	54,147	83.9	83.5 - 84.3	29,904	82.6	82.0 - 83.1	24,243	85.7	85.1 - 86.2
Alabama	770	79.5	75.5 - 82.9	432	77.1	71.3 - 81.9	338	82.3	77.0 - 86.4
Alaska	82	77.2	68.3 - 84.0	40	80.8	62.1 - 90.9 *	42	86.8	70.3 - 94.5 *
Arizona	987	81.4	78.4 - 84.1	543	80.4	75.9 - 84.1	444	82.1	77.6 - 85.7
Arkansas	536	82.3	77.9 - 85.9	299	79.0	71.9 - 84.5	237	85.9	81.3 - 89.5
California	5,887	82.0	80.7 - 83.2	3,281	80.5	78.7 - 82.1	2,606	83.8	82.0 - 85.5
CA - Greater California	3,221	81.4	79.7 - 83.0	1,801	79.3	76.9 - 81.5	1,420	83.8	81.2 - 86.0
CA - Greater Bay Area	1,151	83.0	80.1 - 85.5	639	82.0	78.0 - 85.3	512	83.8	79.6 - 87.2
CA - Los Angeles	1,513	81.8	79.3 - 84.1	841	81.3	77.8 - 84.3	672	83.0	79.3 - 86.1
Colorado	913	88.2	85.3 - 90.6	535	86.3	82.3 - 89.4	378	89.7	85.0 - 92.9
Connecticut	850	86.6	83.3 - 89.3	468	81.8	77.0 - 85.7	382	90.0	85.2 - 93.3
Delaware	202	81.8	75.9 - 86.3	119	81.6	73.7 - 87.3	83	81.6	71.6 - 88.3
Florida	4,109	82.9	81.3 - 84.4	2,265	81.2	78.9 - 83.2	1,844	85.0	82.7 - 87.0
Georgia	1,607	78.9	75.7 - 81.6	845	76.9	72.1 - 81.0	762	81.2	77.0 - 84.7
Hawaii	159	82.6	75.8 - 87.7	89	81.7	69.6 - 89.3 *	70	80.7	66.6 - 89.3 *
Idaho	272	86.6	81.2 - 90.6	154	84.3	75.8 - 90.0	118	90.0	84.3 - 93.7
Illinois	2,447	84.6	82.8 - 86.3	1,351	83.7	80.9 - 86.0	1,096	85.6	83.0 - 87.8
Iowa	626	84.6	80.6 - 87.9	345	84.1	78.8 - 88.2	281	84.3	77.6 - 89.1
Kentucky	798	83.0	79.2 - 86.1	444	81.5	76.5 - 85.6	354	83.8	78.2 - 88.1
Louisiana	877	79.4	75.9 - 82.5	475	78.5	73.7 - 82.5	402	77.6	73.4 - 81.2
Maine	293	84.1	78.3 - 88.5	158	81.0	73.0 - 86.8	135	85.9	81.9 - 89.2
Maryland	1,069	84.4	81.4 - 87.0	592	83.1	78.8 - 86.6	477	86.6	82.2 - 90.1
Michigan	1,898	83.1	80.8 - 85.1	1,062	81.1	77.7 - 84.0	836	85.5	82.3 - 88.1
MI - Detroit	788	83.4	79.4 - 86.8	439	84.5	78.9 - 88.7	349	81.5	76.0 - 85.8
Minnesota	1,085	85.8	83.2 - 88.0	629	85.5	81.7 - 88.6	456	85.2	81.2 - 88.3
Mississippi	504	80.2	75.9 - 83.8	274	80.7	75.0 - 85.2	230	80.1	73.6 - 85.2
Missouri	1,118	83.1	79.8 - 85.8	605	79.5	74.2 - 83.8	513	85.7	81.9 - 88.8
Montana	192	88.9	82.6 - 93.1	110	90.6	78.9 - 96.0	82	87.9	80.2 - 92.8
Nebraska	384	82.9	77.2 - 87.2	209	80.9	73.6 - 86.4	175	83.8	76.8 - 88.8
New Hampshire	279	85.8	80.6 - 89.7	165	84.9	77.7 - 89.9	114	86.0	77.6 - 91.5
New Jersey	1,942	86.8	84.8 - 88.6	1,058	86.1	83.0 - 88.7	884	87.2	84.3 - 89.6
New Mexico	331	75.7	69.3 - 80.9	195	70.0	59.3 - 78.4	136	80.7	75.1 - 85.1
New York	4,451	84.7	83.2 - 86.0	2,423	83.4	81.4 - 85.3	2,028	86.0	84.0 - 87.7
North Carolina	1,701	83.0	80.6 - 85.2	931	79.6	75.9 - 82.8	770	86.1	82.8 - 88.7
North Dakota	147	87.7	80.7 - 92.3	98	90.9	82.4 - 95.4	49	81.0	62.8 - 90.9 *
Ohio	2,135	85.0	83.0 - 86.8	1,188	84.3	81.5 - 86.7	947	85.9	83.1 - 88.3
Oklahoma	654	82.1	78.6 - 85.2	363	81.8	77.6 - 85.4	291	82.6	76.4 - 87.3
Oregon	705	85.0	81.5 - 87.8	380	82.4	77.7 - 86.2	325	87.4	82.4 - 91.0
Pennsylvania	2,907	85.2	83.4 - 86.9	1,605	84.7	82.1 - 87.0	1,302	86.1	83.5 - 88.3
Rhode Island	243	85.8	77.8 - 91.1	125	83.3	68.7 - 91.5	118	87.9	78.9 - 93.2
South Carolina	831	80.3	76.4 - 83.6	458	75.3	69.4 - 80.2	373	85.6	80.5 - 89.5
Tennessee	1,175	80.9	77.7 - 83.8	621	80.3	75.7 - 84.1	554	82.3	77.6 - 86.1
Texas	4,159	81.5	79.9 - 83.0	2,299	79.4	77.2 - 81.5	1,860	83.9	81.6 - 86.0
Utah	457	89.0	84.9 - 92.1	241	88.4	81.6 - 92.8 *	216	92.6	87.3 - 95.7
Vermont	133	88.3	79.7 - 93.4 *	72	86.5	73.6 - 93.4 *	61	90.3	76.2 - 96.2 *
Virginia	1,348	82.3	79.4 - 84.8	714	78.3	74.0 - 82.1	634	85.6	81.7 - 88.7
Washington	1,253	88.7	85.5 - 91.1	737	89.1	85.9 - 91.6	516	86.4	81.3 - 90.2
WA - Seattle	891	89.4	85.6 - 92.3	529	88.8	84.8 - 91.8	362	89.4	82.9 - 93.6
West Virginia	324	85.2	79.4 - 89.4	182	86.4	77.2 - 92.1	142	83.5	76.0 - 88.8
Wisconsin	1,229	84.7	82.0 - 87.1	678	83.0	78.8 - 86.4	551	86.5	82.7 - 89.4
Wyoming	78	90.6	72.4 - 97.0 *	47	90.7	74.8 - 96.8 *	31	-	-
NAACCR CDN Combined	2,231	85.8	83.6 - 87.8	1,274	84.9	82.1 - 87.4	957	86.8	83.2 - 89.7
Alberta	651	87.3	82.6 - 90.9	392	91.5	87.4 - 94.3 *	259	86.3	79.6 - 91.0
British Columbia	739	84.8	80.9 - 88.0	413	81.2	75.8 - 85.6	326	89.9	84.3 - 93.6 *
Manitoba	220	83.3	75.8 - 88.6	124	84.8	76.2 - 90.6	96	82.6	67.5 - 91.1 *
New Brunswick	119	87.3	76.8 - 93.2 *	61	86.6	73.9 - 93.3 *	58	85.9	63.1 - 95.1 *
Newfoundland and Labrador	95	85.4	74.2 - 92.0	51	82.6	72.7 - 89.2	44	90.2	72.3 - 96.8 *
Northwest Territory	-	-	-	-	-	-	-	-	-
Nova Scotia	176	85.4	79.7 - 89.5	106	82.7	72.1 - 89.6 *	70	87.4	77.3 - 93.2
Prince Edward Island	26	-	-	15	-	-	11	100.0	-
Saskatchewan	199	81.6	75.9 - 86.0	108	86.0	74.6 - 92.6 *	91	82.0	68.7 - 90.0 *
NAACCR N.A. Combined	56,378	84.0	83.6 - 84.4	31,178	82.7	82.1 - 83.3	25,200	85.7	85.2 - 86.3

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Non-Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	425,528	69.9	69.7 - 70.1	231,765	67.4	67.1 - 67.7	193,763	72.9	72.6 - 73.2
Alabama	6,132	66.6	64.6 - 68.4	3,295	64.7	61.9 - 67.4	2,837	68.5	65.8 - 71.1
Alaska	736	69.1	63.3 - 74.1	436	66.4	58.6 - 73.1	300	71.5	63.1 - 78.3
Arizona	7,867	66.8	65.2 - 68.2	4,258	63.3	61.1 - 65.4	3,609	70.5	68.4 - 72.5
Arkansas	4,066	67.5	65.2 - 69.7	2,211	66.4	63.3 - 69.4	1,855	68.9	65.6 - 72.0
California	48,729	68.0	67.4 - 68.6	27,002	65.4	64.5 - 66.3	21,727	71.2	70.3 - 72.1
CA - Greater California	26,417	67.4	66.5 - 68.3	14,707	64.5	63.2 - 65.7	11,710	70.9	69.6 - 72.1
CA - Greater Bay Area	10,185	71.9	70.6 - 73.2	5,731	69.7	67.9 - 71.5	4,454	74.6	72.7 - 76.4
CA - Los Angeles	12,142	65.7	64.4 - 66.9	6,574	62.9	61.1 - 64.8	5,568	68.8	67.0 - 70.5
Colorado	6,264	72.8	71.0 - 74.5	3,502	71.9	69.5 - 74.3	2,762	73.6	71.0 - 76.0
Connecticut	6,089	72.8	70.9 - 74.5	3,287	69.9	67.3 - 72.4	2,802	75.8	73.3 - 78.1
Delaware	1,544	70.2	66.4 - 73.7	838	65.8	60.2 - 70.7	706	75.4	70.2 - 79.9
Florida	37,011	70.8	70.1 - 71.6	20,057	67.5	66.4 - 68.5	16,954	74.8	73.7 - 75.8
Georgia	11,760	66.5	65.0 - 67.9	6,471	63.1	61.0 - 65.0	5,289	70.3	68.3 - 72.3
Hawaii	1,938	65.8	62.6 - 68.8	1,085	62.7	58.1 - 66.9	853	69.1	64.6 - 73.2
Idaho	2,151	70.7	67.8 - 73.3	1,186	65.7	61.6 - 69.5	965	75.5	71.6 - 79.0
Illinois	18,537	71.6	70.6 - 72.6	9,963	69.4	67.8 - 70.8	8,574	74.1	72.6 - 75.4
Iowa	5,421	69.0	67.0 - 70.8	2,981	66.8	64.1 - 69.5	2,440	71.4	68.7 - 73.9
Kentucky	6,871	67.5	65.7 - 69.3	3,781	64.2	61.5 - 66.7	3,090	71.5	68.9 - 73.9
Louisiana	6,551	66.4	64.5 - 68.2	3,561	61.8	59.2 - 64.2	2,990	71.9	69.2 - 74.3
Maine	2,454	70.8	68.0 - 73.4	1,293	67.5	63.4 - 71.3	1,161	73.8	70.1 - 77.2
Maryland	7,508	71.4	69.7 - 73.1	3,973	69.9	67.4 - 72.2	3,535	73.1	70.7 - 75.3
Michigan	15,629	68.6	67.5 - 69.7	8,473	65.9	64.3 - 67.4	7,156	71.8	70.3 - 73.3
MI - Detroit	6,256	67.8	66.0 - 69.5	3,362	64.9	62.3 - 67.3	2,894	71.0	68.5 - 73.4
Minnesota	8,877	72.7	71.2 - 74.1	4,964	70.7	68.6 - 72.7	3,913	75.2	73.1 - 77.1
Mississippi	3,786	65.3	62.8 - 67.8	2,031	61.6	57.9 - 65.1	1,755	69.5	66.0 - 72.7
Missouri	8,794	68.5	66.9 - 70.1	4,795	67.4	65.1 - 69.5	3,999	69.9	67.6 - 72.1
Montana	1,596	70.8	67.0 - 74.2	919	69.0	64.2 - 73.4	677	71.5	65.4 - 76.7
Nebraska	2,852	72.3	69.7 - 74.8	1,552	71.9	68.0 - 75.4	1,300	72.4	68.9 - 75.6
New Hampshire	2,295	75.1	72.2 - 77.7	1,266	70.3	66.3 - 74.0	1,029	80.0	75.8 - 83.5
New Jersey	14,614	72.8	71.6 - 73.9	7,754	70.6	68.9 - 72.2	6,860	75.0	73.4 - 76.6
New Mexico	2,380	67.0	64.1 - 69.7	1,258	65.5	61.4 - 69.3	1,122	68.4	64.3 - 72.2
New York	32,796	71.6	70.8 - 72.3	17,577	68.9	67.7 - 70.0	15,219	74.7	73.7 - 75.8
North Carolina	13,136	69.0	67.7 - 70.3	7,096	66.4	64.5 - 68.3	6,040	71.9	70.1 - 73.6
North Dakota	1,101	72.3	68.1 - 76.0	572	72.4	67.0 - 77.0	529	71.8	65.9 - 76.9
Ohio	17,451	70.3	69.2 - 71.4	9,450	67.7	66.1 - 69.3	8,001	73.2	71.7 - 74.7
Oklahoma	5,152	65.8	63.7 - 67.8	2,814	64.0	61.0 - 66.8	2,338	67.6	64.5 - 70.4
Oregon	5,762	71.9	70.1 - 73.6	3,148	70.1	67.5 - 72.5	2,614	74.0	71.4 - 76.4
Pennsylvania	23,166	70.8	69.8 - 71.7	12,447	68.8	67.5 - 70.1	10,719	73.2	71.9 - 74.4
Rhode Island	1,759	70.1	66.8 - 73.2	926	69.1	63.9 - 73.7	833	71.5	67.1 - 75.5
South Carolina	6,134	69.3	67.5 - 71.0	3,354	65.5	62.9 - 68.0	2,780	73.6	70.9 - 76.0
Tennessee	8,969	67.2	65.6 - 68.7	4,858	63.5	61.2 - 65.8	4,111	70.9	68.8 - 72.9
Texas	29,820	68.8	67.9 - 69.6	16,396	66.1	64.8 - 67.3	13,424	72.0	70.8 - 73.1
Utah	2,952	73.9	71.4 - 76.2	1,686	72.1	68.9 - 75.1	1,266	75.5	71.8 - 78.7
Vermont	1,134	72.0	67.4 - 76.1	633	70.4	63.6 - 76.2	501	73.2	66.7 - 78.5
Virginia	10,145	69.1	67.6 - 70.5	5,529	66.4	64.3 - 68.4	4,616	71.9	69.9 - 73.8
Washington	10,350	72.8	71.4 - 74.1	5,855	71.3	69.3 - 73.2	4,495	74.5	72.4 - 76.4
WA - Seattle	7,414	72.2	70.5 - 73.8	4,208	71.3	68.9 - 73.5	3,206	73.1	70.6 - 75.4
West Virginia	3,113	68.4	65.7 - 71.0	1,668	65.7	61.8 - 69.2	1,445	70.8	67.0 - 74.3
Wisconsin	9,422	73.2	71.7 - 74.6	5,172	70.8	68.8 - 72.7	4,250	75.6	73.6 - 77.5
Wyoming	714	68.4	62.3 - 73.8	392	70.0	62.3 - 76.3	322	65.5	55.9 - 73.5
NAACCR CDN Combined	19,644	68.6	67.6 - 69.6	10,847	66.1	64.7 - 67.5	8,797	71.7	70.3 - 73.0
Alberta	4,828	70.5	68.6 - 72.3	2,715	67.6	64.7 - 70.3	2,113	73.9	71.2 - 76.3
British Columbia	6,994	68.1	66.5 - 69.6	3,878	65.5	63.2 - 67.7	3,116	71.3	69.1 - 73.4
Manitoba	1,918	68.0	64.7 - 71.0	1,040	64.8	59.9 - 69.3	878	70.6	66.2 - 74.6
New Brunswick	1,406	69.2	65.3 - 72.8	762	65.0	59.1 - 70.2	644	73.5	68.0 - 78.2
Newfoundland and Labrador	943	72.2	67.9 - 76.1	505	69.4	62.4 - 75.3	438	74.7	69.1 - 79.4
Northwest Territory	38	-	-	22	-	-	16	-	-
Nova Scotia	1,745	64.0	60.6 - 67.2	986	62.3	57.6 - 66.6	759	66.0	60.9 - 70.6
Prince Edward Island	220	66.5	55.0 - 75.7	121	69.9	56.8 - 79.7	99	61.0	43.4 - 74.7
Saskatchewan	1,552	65.7	62.1 - 69.0	818	63.6	58.5 - 68.3	734	67.8	62.8 - 72.3
NAACCR N.A. Combined	445,172	69.8	69.6 - 70.0	242,612	67.4	67.1 - 67.7	202,560	72.8	72.5 - 73.1

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-24 Survival – Non-Hodgkin Lymphoma

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Myeloma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	149,176	52.8	52.4 - 53.2	82,817	52.2	51.6 - 52.7	66,359	53.7	53.1 - 54.3
Alabama	2,513	50.5	47.4 - 53.5	1,350	46.1	41.9 - 50.3	1,163	55.6	51.1 - 59.9
Alaska	221	53.0	42.9 - 62.1	128	52.8	38.6 - 65.2 *	93	49.1	32.2 - 63.9
Arizona	2,583	49.0	46.2 - 51.7	1,484	47.1	43.4 - 50.8	1,099	51.6	47.5 - 55.5
Arkansas	1,562	53.5	49.6 - 57.2	874	53.4	47.9 - 58.7	688	53.0	47.6 - 58.1
California	15,754	49.4	48.2 - 50.6	9,064	48.3	46.7 - 49.9	6,690	50.6	48.9 - 52.4
CA - Greater California	8,623	48.5	46.9 - 50.1	4,960	47.2	45.0 - 49.3	3,663	50.0	47.6 - 52.3
CA - Greater Bay Area	3,185	53.3	50.7 - 55.8	1,843	53.5	50.0 - 56.8	1,342	52.7	48.7 - 56.6
CA - Los Angeles	3,948	48.0	45.6 - 50.3	2,262	46.3	43.0 - 49.5	1,686	49.7	46.3 - 53.0
Colorado	2,153	56.3	52.8 - 59.5	1,296	56.4	51.8 - 60.7	857	55.6	50.5 - 60.5 *
Connecticut	2,057	57.6	54.3 - 60.8	1,138	59.2	54.5 - 63.5	919	55.5	50.6 - 60.2
Delaware	574	50.4	43.8 - 56.6	318	49.9	40.5 - 58.6	256	49.5	40.2 - 58.1
Florida	13,032	56.7	55.3 - 58.1	7,234	55.5	53.5 - 57.4	5,798	58.1	56.1 - 60.1
Georgia	5,357	51.6	49.4 - 53.8	2,866	49.9	46.9 - 52.9	2,491	52.7	49.5 - 55.8
Hawaii	634	45.2	39.1 - 51.1	365	44.0	35.9 - 51.7	269	47.3	38.2 - 55.8
Idaho	719	54.3	48.4 - 59.8	441	52.4	44.6 - 59.6	278	57.3	49.0 - 64.8
Illinois	6,098	55.6	53.7 - 57.5	3,291	54.9	52.2 - 57.5	2,807	56.2	53.3 - 59.0
Iowa	1,703	50.7	47.0 - 54.2	950	51.5	46.8 - 56.1	753	49.1	43.4 - 54.4
Kentucky	2,277	46.5	43.1 - 49.8	1,341	44.7	40.0 - 49.2	936	48.8	43.7 - 53.6
Louisiana	2,531	49.2	46.0 - 52.4	1,388	48.6	44.0 - 52.9	1,143	49.7	45.1 - 54.1
Maine	705	50.6	44.0 - 56.7	387	55.1	46.4 - 62.9	318	44.3	34.9 - 53.3 *
Maryland	2,969	54.9	52.0 - 57.7	1,522	54.8	50.6 - 58.8	1,447	55.1	51.1 - 58.9
Michigan	5,328	50.2	48.1 - 52.3	2,988	49.3	46.3 - 52.1	2,340	51.6	48.5 - 54.5
MI - Detroit	2,464	49.5	46.3 - 52.6	1,360	46.5	42.1 - 50.7	1,104	53.6	49.1 - 57.8
Minnesota	2,624	54.0	50.9 - 57.0	1,512	51.2	47.0 - 55.3	1,112	57.8	53.1 - 62.3
Mississippi	1,699	42.8	39.2 - 46.4	923	40.9	35.7 - 46.1	776	44.0	39.2 - 48.7
Missouri	3,042	50.5	47.7 - 53.3	1,701	50.3	46.2 - 54.3	1,341	51.2	47.2 - 55.0
Montana	529	46.0	38.1 - 53.5	323	45.3	36.5 - 53.8	206	46.7	36.2 - 56.4
Nebraska	897	50.0	45.1 - 54.7	524	47.7	41.2 - 53.8	373	52.5	44.7 - 59.6
New Hampshire	660	59.0	53.0 - 64.6	388	58.1	49.8 - 65.6	272	59.3	50.2 - 67.3
New Jersey	4,933	57.7	55.6 - 59.9	2,661	57.4	54.3 - 60.4	2,272	58.1	55.0 - 61.1
New Mexico	809	46.4	41.1 - 51.6	457	46.2	39.1 - 53.0	352	47.3	39.3 - 54.8
New York	12,560	56.6	55.3 - 57.9	6,780	56.0	54.2 - 57.9	5,780	57.4	55.5 - 59.3
North Carolina	5,621	54.0	51.9 - 56.0	3,003	54.0	51.0 - 56.9	2,618	54.2	51.3 - 57.0
North Dakota	336	53.2	44.7 - 61.0 *	200	51.9	40.4 - 62.1 *	136	53.9	41.2 - 65.0 *
Ohio	5,292	48.1	46.0 - 50.2	2,912	47.3	44.4 - 50.2	2,380	49.0	45.9 - 52.0
Oklahoma	1,713	46.9	42.7 - 50.9	935	46.8	41.3 - 52.2	778	47.0	41.0 - 52.8
Oregon	1,604	49.6	45.6 - 53.4	943	49.7	44.5 - 54.8	661	49.8	44.2 - 55.1
Pennsylvania	7,315	52.3	50.5 - 54.1	4,012	53.6	51.1 - 56.0	3,303	51.1	48.5 - 53.6
Rhode Island	507	60.7	53.9 - 66.9	277	62.6	53.4 - 70.4	230	58.2	47.7 - 67.2
South Carolina	2,975	50.1	47.3 - 53.0	1,592	48.3	44.2 - 52.3	1,383	51.9	47.9 - 55.8
Tennessee	3,197	50.1	47.3 - 53.0	1,786	50.2	46.2 - 54.0	1,411	50.2	46.0 - 54.4
Texas	11,543	54.9	53.5 - 56.3	6,350	53.3	51.3 - 55.3	5,193	57.0	54.9 - 59.0
Utah	983	51.6	46.8 - 56.2	577	52.5	46.1 - 58.5	406	49.8	42.1 - 57.0
Vermont	313	53.1	44.7 - 60.8	189	57.8	46.1 - 67.8	124	47.1	33.9 - 59.2 *
Virginia	3,683	48.7	46.2 - 51.1	2,035	46.7	43.3 - 50.0	1,648	50.9	47.3 - 54.4
Washington	3,118	56.9	54.2 - 59.6	1,784	57.7	53.9 - 61.3	1,334	55.7	51.7 - 59.5
WA - Seattle	2,260	57.6	54.4 - 60.6	1,293	58.4	54.0 - 62.5	967	56.6	51.9 - 61.0
West Virginia	1,009	46.1	40.9 - 51.1	578	44.9	37.9 - 51.6	431	44.6	36.9 - 52.0 *
Wisconsin	3,202	55.1	52.3 - 57.7	1,812	57.7	54.0 - 61.2	1,390	52.0	47.7 - 56.0
Wyoming	242	49.5	38.5 - 59.6 *	138	43.6	29.3 - 57.0 *	104	52.5	39.4 - 64.1
NAACCR CDN Combined	6,119	48.9	46.9 - 50.8	3,520	49.7	47.1 - 52.3	2,599	47.5	44.2 - 50.6
Alberta	1,529	53.5	49.7 - 57.2	913	54.5	49.4 - 59.4	616	48.1	41.8 - 54.0 *
British Columbia	2,123	48.9	45.5 - 52.2	1,205	50.4	46.1 - 54.6	918	45.9	40.6 - 51.1
Manitoba	607	41.6	35.2 - 47.9	352	36.6	28.3 - 44.9	255	41.5	31.8 - 50.9 *
New Brunswick	445	44.0	35.2 - 52.5	247	47.6	35.5 - 58.7	198	40.7	30.1 - 51.0
Newfoundland and Labrador	268	52.3	43.3 - 60.5	149	59.6	46.4 - 70.6	119	42.2	27.8 - 56.0 *
Northwest Territory	12	-	-	-	-	-	-	-	-
Nova Scotia	514	38.1	31.3 - 44.8	289	35.2	26.6 - 43.9	225	38.6	28.2 - 48.8 *
Prince Edward Island	100	42.0	24.1 - 59.0 *	59	-	-	41	-	-
Saskatchewan	521	48.9	42.6 - 55.0	299	53.1	44.1 - 61.4	222	41.6	32.4 - 50.5
NAACCR N.A. Combined	155,295	52.6	52.2 - 53.0	86,337	52.1	51.5 - 52.6	68,958	53.5	52.9 - 54.0

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	282,914	55.3	55.0 - 55.5	164,801	55.2	54.9 - 55.6	118,113	55.3	54.9 - 55.7
Alabama	4,144	47.1	44.8 - 49.4	2,376	46.3	43.2 - 49.3	1,768	47.8	44.6 - 51.0
Alaska	429	60.6	53.1 - 67.3	263	57.2	47.6 - 65.7	166	61.7	50.6 - 71.0
Arizona	5,059	44.2	42.3 - 46.1	2,967	44.0	41.5 - 46.5	2,092	44.2	41.4 - 47.0
Arkansas	2,645	52.2	49.1 - 55.3	1,580	51.4	47.2 - 55.3	1,065	52.6	47.8 - 57.3
California	29,934	52.3	51.5 - 53.1	17,604	53.2	52.1 - 54.2	12,330	51.0	49.8 - 52.2
CA - Greater California	16,852	51.6	50.5 - 52.7	9,914	52.0	50.6 - 53.4	6,938	50.8	49.1 - 52.4
CA - Greater Bay Area	5,783	56.0	54.2 - 57.8	3,446	58.2	55.7 - 60.6	2,337	52.5	49.7 - 55.3
CA - Los Angeles	7,305	50.3	48.7 - 51.9	4,246	51.0	48.8 - 53.2	3,059	49.2	46.7 - 51.6
Colorado	4,472	58.1	56.0 - 60.2	2,710	57.4	54.6 - 60.2	1,762	58.4	55.1 - 61.5
Connecticut	4,007	57.6	55.4 - 59.7	2,305	58.6	55.8 - 61.4	1,702	55.9	52.5 - 59.1
Delaware	931	54.3	49.5 - 58.9	567	55.4	49.1 - 61.3	364	52.5	45.1 - 59.4
Florida	27,077	60.1	59.2 - 61.0	15,639	58.3	57.1 - 59.6	11,438	62.5	61.2 - 63.9
Georgia	8,241	52.2	50.5 - 53.9	4,693	51.8	49.6 - 54.0	3,548	52.2	49.6 - 54.6
Hawaii	1,142	45.7	41.6 - 49.7	694	47.6	42.3 - 52.7	448	42.1	35.6 - 48.4
Idaho	1,682	63.5	60.0 - 66.9	984	63.1	58.5 - 67.3	698	62.3	56.8 - 67.4
Illinois	11,447	51.9	50.6 - 53.2	6,571	53.5	51.8 - 55.3	4,876	49.7	47.8 - 51.6
Iowa	3,802	57.8	55.5 - 60.1	2,226	58.1	54.9 - 61.2	1,576	56.8	53.3 - 60.2
Kentucky	4,900	52.8	50.6 - 54.9	2,828	51.7	48.7 - 54.6	2,072	54.0	50.8 - 57.1
Louisiana	4,157	49.7	47.2 - 52.1	2,386	48.2	44.8 - 51.5	1,771	51.5	47.8 - 55.0
Maine	1,700	58.8	55.3 - 62.1	1,001	58.6	53.9 - 63.0	699	58.4	53.2 - 63.2
Maryland	4,736	54.9	52.9 - 56.9	2,644	54.8	52.1 - 57.5	2,092	54.7	51.7 - 57.7
Michigan	9,888	54.6	53.1 - 56.0	5,754	54.0	52.0 - 55.9	4,134	55.5	53.3 - 57.6
MI - Detroit	4,243	56.4	54.3 - 58.6	2,453	56.0	53.1 - 58.9	1,790	56.7	53.4 - 59.8
Minnesota	6,178	60.0	58.2 - 61.7	3,820	60.1	57.7 - 62.3	2,358	59.3	56.5 - 62.0
Mississippi	2,498	45.3	42.2 - 48.3	1,462	44.5	40.5 - 48.4	1,036	45.6	40.9 - 50.2
Missouri	5,914	51.8	49.9 - 53.6	3,392	51.1	48.5 - 53.6	2,522	52.1	49.4 - 54.9
Montana	1,208	62.4	58.1 - 66.3	763	63.7	58.0 - 68.9	445	58.5	52.2 - 64.3
Nebraska	1,820	55.8	52.5 - 58.9	1,074	57.8	53.4 - 61.9	746	52.4	47.5 - 57.1
New Hampshire	1,394	61.5	57.5 - 65.2	869	61.0	55.9 - 65.6	525	61.8	55.5 - 67.6
New Jersey	9,653	59.4	57.9 - 60.8	5,559	60.1	58.1 - 62.1	4,094	58.2	56.0 - 60.3
New Mexico	1,828	59.4	56.0 - 62.6	1,055	56.9	52.4 - 61.2	773	61.8	57.2 - 66.1
New York	23,047	59.7	58.8 - 60.6	13,231	59.5	58.3 - 60.8	9,816	59.8	58.4 - 61.2
North Carolina	9,359	56.1	54.6 - 57.6	5,383	55.3	53.3 - 57.3	3,976	57.1	54.8 - 59.3
North Dakota	838	58.9	53.9 - 63.5	510	58.4	52.5 - 63.9	328	58.0	50.0 - 65.1
Ohio	9,614	48.8	47.3 - 50.3	5,571	48.9	46.8 - 50.9	4,043	48.6	46.4 - 50.8
Oklahoma	3,539	50.8	48.2 - 53.2	2,042	51.3	47.7 - 54.8	1,497	49.4	45.6 - 53.0
Oregon	3,389	52.7	50.2 - 55.1	2,006	52.8	49.6 - 55.9	1,383	52.3	48.3 - 56.1
Pennsylvania	14,562	54.9	53.8 - 56.1	8,438	55.8	54.2 - 57.4	6,124	53.8	52.0 - 55.5
Rhode Island	1,090	60.5	56.3 - 64.5	623	58.3	52.6 - 63.7	467	63.1	56.9 - 68.6
South Carolina	4,480	51.1	48.9 - 53.2	2,630	51.2	48.3 - 54.0	1,850	50.8	47.5 - 53.9
Tennessee	6,132	54.6	52.7 - 56.5	3,584	54.1	51.5 - 56.6	2,548	55.3	52.5 - 58.1
Texas	20,864	55.1	54.0 - 56.1	12,168	54.7	53.3 - 56.1	8,696	55.4	53.8 - 56.9
Utah	2,013	58.3	55.1 - 61.3	1,206	59.7	55.6 - 63.6	807	55.2	50.3 - 59.8
Vermont	630	58.5	53.0 - 63.6	376	58.3	51.8 - 64.1	254	57.9	49.4 - 65.5
Virginia	5,772	48.4	46.6 - 50.2	3,281	48.1	45.6 - 50.6	2,491	48.6	45.8 - 51.3
Washington	6,830	59.7	58.0 - 61.4	4,060	60.0	57.7 - 62.2	2,770	58.7	56.1 - 61.1
WA - Seattle	5,020	63.1	61.1 - 64.9	2,992	64.3	61.7 - 66.8	2,028	60.9	57.9 - 63.8
West Virginia	2,182	53.4	50.3 - 56.5	1,277	54.3	50.1 - 58.4	905	51.9	47.2 - 56.4
Wisconsin	7,152	60.7	59.0 - 62.4	4,298	60.1	57.9 - 62.3	2,854	61.6	58.9 - 64.1
Wyoming	535	54.2	47.2 - 60.6	331	52.2	42.8 - 60.8	204	54.8	44.1 - 64.3
NAACCR CDN Combined	13,563	60.7	59.5 - 61.8	8,275	61.1	59.6 - 62.6	5,288	60.0	58.1 - 61.7
Alberta	3,802	65.1	62.8 - 67.2	2,352	65.1	62.1 - 68.0	1,450	64.7	61.2 - 68.0
British Columbia	4,610	58.0	56.1 - 59.9	2,780	59.5	56.9 - 62.0	1,830	55.7	52.7 - 58.6
Manitoba	1,362	61.4	57.8 - 64.7	850	59.3	54.8 - 63.5	512	64.5	58.4 - 69.9
New Brunswick	1,030	62.3	57.7 - 66.6	606	64.6	58.2 - 70.2	424	58.9	52.1 - 65.1
Newfoundland and Labrador	418	52.9	46.2 - 59.1	264	55.6	46.5 - 63.8	154	43.4	32.6 - 53.6
Northwest Territory	22	-	-	17	-	-	-	-	-
Nova Scotia	930	52.1	47.6 - 56.3	555	48.4	42.6 - 54.0	375	56.4	49.6 - 62.6
Prince Edward Island	143	52.6	40.8 - 63.2 *	78	53.6	36.1 - 68.3 *	65	49.6	33.6 - 63.8 *
Saskatchewan	1,246	62.7	58.9 - 66.3	773	62.3	57.4 - 66.8	473	62.0	55.6 - 67.8
NAACCR N.A. Combined	296,477	55.5	55.3 - 55.8	173,076	55.5	55.2 - 55.9	123,401	55.5	55.1 - 55.9

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

All Races

III-26 Survival – Leukemias

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, All Races, Mesothelioma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	20,819	14.6	13.8 - 15.4	15,823	12.1	11.2 - 13.1	4,996	19.5	18.0 - 21.1
Alabama	300	8.1	4.7 - 12.7 *	235	6.0	2.8 - 11.0 *	65	15.4	6.6 - 27.4 *
Alaska	45	15.1	4.9 - 30.7 *	38	14.1	4.1 - 29.9 *	-	-	-
Arizona	495	18.2	13.1 - 23.9	391	17.8	12.2 - 24.2	104	14.1	6.3 - 25.0 *
Arkansas	155	13.1	6.9 - 21.1 *	121	-	-	34	20.8	6.7 - 40.1 *
California	2,344	10.8	8.7 - 13.2	1,773	7.2	5.2 - 9.6	571	17.3	12.9 - 22.2
CA - Greater California	1,378	12.2	9.4 - 15.4	1,064	9.0	6.3 - 12.3	314	19.4	13.5 - 26.0
CA - Greater Bay Area	464	13.1	8.5 - 18.6	345	5.8	2.8 - 10.4 *	119	20.4	12.3 - 29.9 *
CA - Los Angeles	502	3.5	1.3 - 7.4 *	364	1.8	0.3 - 5.9 *	138	7.2	2.0 - 17.2 *
Colorado	274	11.3	6.4 - 17.8 *	213	12.0	6.5 - 19.2 *	61	8.0	0.9 - 26.0 *
Connecticut	292	7.6	3.6 - 13.6 *	226	4.4	1.4 - 10.1 *	66	19.5	8.2 - 34.2 *
Delaware	95	17.1	6.6 - 31.7 *	78	18.7	8.9 - 31.5 *	17	-	-
Florida	1,572	17.5	14.5 - 20.7	1,192	14.0	10.8 - 17.7	380	20.2	14.9 - 25.9 *
Georgia	397	11.5	7.4 - 16.5 *	303	10.5	6.2 - 16.1 *	94	14.7	6.4 - 26.3 *
Hawaii	56	20.2	8.6 - 35.3 *	47	13.4	3.8 - 29.1 *	-	-	-
Idaho	130	13.4	5.6 - 24.7 *	103	13.5	4.7 - 27.1 *	27	-	-
Illinois	1,002	16.6	13.0 - 20.6	747	14.8	10.7 - 19.5	255	20.8	14.0 - 28.6
Iowa	230	-	-	173	-	-	57	-	-
Kentucky	259	11.1	6.5 - 17.0 *	197	6.3	2.4 - 12.9 *	62	24.7	12.9 - 38.4 *
Louisiana	454	9.6	6.0 - 14.1 *	328	7.6	3.9 - 12.9 *	126	13.8	6.8 - 23.3 *
Maine	167	9.8	3.6 - 20.0 *	125	8.2	2.8 - 17.6 *	42	11.2	1.2 - 33.5 *
Maryland	350	17.1	12.1 - 22.7	254	9.4	4.9 - 15.7 *	96	17.7	10.6 - 26.4
Michigan	809	14.3	10.8 - 18.2	610	9.9	6.2 - 14.7	199	22.2	14.7 - 30.8
MI - Detroit	270	12.2	6.7 - 19.5	201	5.7	1.7 - 13.6 *	69	14.1	5.0 - 27.8 *
Minnesota	475	17.5	12.4 - 23.3	351	8.8	5.1 - 13.7 *	124	19.6	11.1 - 29.8 *
Mississippi	181	8.4	3.7 - 15.5 *	134	5.0	1.2 - 13.2 *	47	17.4	6.5 - 32.6 *
Missouri	404	11.9	8.1 - 16.6	306	7.8	4.5 - 12.2 *	98	16.9	7.4 - 29.6
Montana	89	12.5	5.0 - 23.6 *	63	0.0	-	26	27.8	11.4 - 46.9 *
Nebraska	125	10.0	4.2 - 18.7 *	96	9.9	3.6 - 20.0 *	29	11.6	2.0 - 30.3 *
New Hampshire	122	11.8	5.6 - 20.5 *	90	-	-	32	32.5	16.1 - 50.1 *
New Jersey	857	16.9	13.1 - 21.3	647	13.9	9.6 - 19.0	210	20.7	14.0 - 28.4 *
New Mexico	116	-	-	93	-	-	23	0.0	-
New York	1,415	15.6	12.5 - 19.1	1,083	12.7	9.5 - 16.5	332	20.4	14.2 - 27.4
North Carolina	548	15.7	11.5 - 20.5	425	11.6	7.8 - 16.4	123	21.3	12.8 - 31.3
North Dakota	55	11.7	2.9 - 27.4 *	47	11.3	2.6 - 27.1 *	-	-	-
Ohio	908	13.6	9.9 - 17.9	699	13.2	9.1 - 18.2	209	10.2	4.2 - 19.4 *
Oklahoma	191	13.5	8.2 - 20.2 *	149	12.6	6.9 - 20.1 *	42	16.4	5.6 - 32.0 *
Oregon	336	4.5	1.9 - 9.0 *	242	6.7	3.0 - 12.4 *	94	2.6	0.3 - 10.7
Pennsylvania	1,343	13.7	10.7 - 17.1	1,007	11.3	8.0 - 15.2	336	19.9	14.5 - 25.9
Rhode Island	95	6.9	0.8 - 22.5 *	81	4.2	0.4 - 16.7 *	14	-	-
South Carolina	319	9.0	4.6 - 15.2 *	240	9.1	4.3 - 16.0 *	79	9.5	1.9 - 24.5 *
Tennessee	363	8.2	4.8 - 12.6 *	275	5.1	2.3 - 9.7 *	88	17.4	9.6 - 27.2 *
Texas	1,296	17.5	14.8 - 20.4	982	14.8	11.5 - 18.6	314	26.6	20.4 - 33.2 *
Utah	125	-	-	101	-	-	24	-	-
Vermont	47	0.0	-	41	0.0	-	-	-	-
Virginia	574	8.9	5.7 - 13.1	446	7.2	4.4 - 10.8 *	128	3.9	0.8 - 11.2 *
Washington	629	15.0	10.5 - 20.3	476	11.4	6.7 - 17.4	153	22.2	14.3 - 31.2
WA - Seattle	441	16.0	10.4 - 22.7	340	11.5	6.2 - 18.5	101	25.7	14.6 - 38.3
West Virginia	189	12.1	6.6 - 19.5	158	4.7	2.0 - 9.3	31	22.6	7.8 - 41.8 *
Wisconsin	537	20.3	15.8 - 25.1	401	19.1	14.4 - 24.3	136	13.5	6.5 - 23.2 *
Wyoming	54	-	-	36	-	-	18	0.0	-
NAACCR CDN Combined	1,415	8.8	6.4 - 11.7	1,153	9.0	6.4 - 12.2	262	12.7	7.2 - 19.7 *
Alberta	344	5.5	2.6 - 9.9 *	281	-	-	63	14.6	5.7 - 27.6 *
British Columbia	570	5.6	3.0 - 9.4 *	477	4.0	1.7 - 7.8 *	93	14.5	6.1 - 26.5 *
Manitoba	142	8.4	2.3 - 19.5 *	119	-	-	23	-	-
New Brunswick	98	7.0	2.1 - 16.0 *	75	7.8	2.2 - 18.5 *	23	-	-
Newfoundland and Labrador	32	-	-	23	-	-	-	-	-
Northwest Territory	-	-	-	-	-	-	-	-	-
Nova Scotia	105	8.0	2.6 - 17.5 *	85	9.6	3.1 - 20.4 *	20	0.0	-
Prince Edward Island	16	-	-	13	-	-	-	-	-
Saskatchewan	108	4.9	1.0 - 13.5 *	80	2.3	0.2 - 10.3 *	28	17.9	5.2 - 36.6 *
NAACCR N.A. Combined	22,234	14.2	13.5 - 15.0	16,976	11.9	11.0 - 12.8	5,258	19.2	17.7 - 20.8

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, All Sites (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	7,920,521	64.7	64.7 - 64.8	4,009,586	63.4	63.4 - 63.5	3,910,935	65.7	65.6 - 65.8
Alabama	125,955	61.6	61.2 - 62.0	66,663	60.2	59.6 - 60.8	59,292	62.8	62.2 - 63.4
Alaska	13,496	63.5	62.1 - 64.9	7,144	61.7	59.8 - 63.6	6,352	64.9	62.8 - 66.8
Arizona	169,103	62.1	61.7 - 62.4	84,526	59.7	59.2 - 60.2	84,577	64.1	63.7 - 64.6
Arkansas	84,939	61.6	61.1 - 62.1	45,538	60.4	59.7 - 61.1	39,401	62.6	61.8 - 63.3
California	826,765	64.9	64.8 - 65.1	413,001	63.6	63.4 - 63.9	413,764	65.8	65.6 - 66.0
CA - Greater California	498,839	63.9	63.7 - 64.1	250,317	62.3	62.0 - 62.6	248,522	65.1	64.8 - 65.4
CA - Greater Bay Area	146,388	69.4	69.0 - 69.7	74,284	69.2	68.6 - 69.7	72,104	69.3	68.8 - 69.8
CA - Los Angeles	182,163	64.0	63.7 - 64.3	88,753	62.6	62.2 - 63.1	93,410	65.0	64.5 - 65.4
Colorado	128,556	67.5	67.1 - 67.9	63,604	66.5	66.0 - 67.1	64,952	68.1	67.5 - 68.6
Connecticut	116,912	67.1	66.7 - 67.5	57,264	65.9	65.3 - 66.5	59,648	68.0	67.4 - 68.5
Delaware	28,618	65.5	64.6 - 66.3	14,846	65.3	64.1 - 66.5	13,772	65.2	64.0 - 66.4
Florida	617,374	64.1	63.9 - 64.3	323,563	62.6	62.3 - 62.8	293,811	65.4	65.2 - 65.7
Georgia	209,300	63.4	63.0 - 63.7	108,169	62.2	61.7 - 62.7	101,131	64.2	63.7 - 64.7
Hawaii	14,090	66.4	65.2 - 67.6	7,875	64.9	63.2 - 66.6	6,215	68.2	66.4 - 70.0
Idaho	46,470	66.9	66.2 - 67.5	24,040	65.8	64.9 - 66.8	22,430	67.5	66.5 - 68.4
Illinois	349,631	65.7	65.5 - 66.0	173,533	64.8	64.5 - 65.2	176,098	66.4	66.1 - 66.7
Iowa	106,978	64.2	63.8 - 64.6	54,462	62.7	62.1 - 63.3	52,516	65.5	64.9 - 66.0
Kentucky	153,483	59.5	59.1 - 59.8	78,254	57.4	56.8 - 57.9	75,229	61.3	60.8 - 61.9
Louisiana	109,622	63.2	62.7 - 63.6	58,912	63.1	62.5 - 63.8	50,710	62.8	62.2 - 63.5
Maine	52,519	64.1	63.5 - 64.7	26,142	62.2	61.3 - 63.1	26,377	65.5	64.7 - 66.4
Maryland	128,768	68.3	67.9 - 68.7	63,932	67.4	66.8 - 68.0	64,836	68.7	68.1 - 69.2
Michigan	292,198	64.8	64.5 - 65.0	148,852	64.3	63.9 - 64.6	143,346	64.9	64.6 - 65.3
MI - Detroit	105,694	65.1	64.7 - 65.6	53,328	65.5	64.9 - 66.1	52,366	64.4	63.8 - 65.0
Minnesota	163,460	69.5	69.1 - 69.8	82,948	68.5	68.0 - 69.0	80,512	70.1	69.6 - 70.6
Mississippi	68,244	61.3	60.8 - 61.9	36,411	60.0	59.2 - 60.8	31,833	62.4	61.6 - 63.2
Missouri	181,550	61.8	61.5 - 62.2	91,164	60.0	59.5 - 60.5	90,386	63.4	63.0 - 63.9
Montana	33,573	64.2	63.4 - 65.0	17,595	63.9	62.7 - 65.0	15,978	63.9	62.8 - 65.1
Nebraska	56,210	65.0	64.3 - 65.5	28,641	63.7	62.9 - 64.6	27,569	66.0	65.2 - 66.8
New Hampshire	48,774	68.3	67.7 - 69.0	24,610	67.6	66.7 - 68.5	24,164	68.8	67.9 - 69.7
New Jersey	260,815	67.7	67.5 - 68.0	128,665	67.5	67.1 - 67.9	132,150	67.6	67.2 - 68.0
New Mexico	50,893	61.9	61.3 - 62.5	25,580	59.9	59.0 - 60.7	25,313	63.5	62.6 - 64.4
New York	552,995	67.0	66.9 - 67.2	274,172	66.5	66.2 - 66.8	278,823	67.3	67.0 - 67.5
North Carolina	257,459	65.1	64.8 - 65.4	131,393	63.5	63.1 - 63.9	126,066	66.6	66.2 - 67.0
North Dakota	22,035	68.3	67.3 - 69.2	11,648	67.7	66.3 - 69.0	10,387	68.6	67.3 - 69.9
Ohio	348,299	63.2	63.0 - 63.5	173,082	61.5	61.1 - 61.9	175,217	64.6	64.2 - 64.9
Oklahoma	99,227	61.8	61.4 - 62.3	51,144	60.6	60.0 - 61.3	48,083	62.7	62.0 - 63.4
Oregon	122,439	65.9	65.5 - 66.3	60,767	64.7	64.1 - 65.3	61,672	66.7	66.1 - 67.2
Pennsylvania	435,152	64.8	64.6 - 65.0	215,925	63.3	63.0 - 63.7	219,227	66.0	65.8 - 66.3
Rhode Island	35,565	65.8	65.1 - 66.6	16,939	64.3	63.2 - 65.4	18,626	67.0	66.0 - 68.0
South Carolina	121,868	63.2	62.8 - 63.6	63,293	60.9	60.3 - 61.5	58,575	65.2	64.6 - 65.8
Tennessee	190,092	62.7	62.4 - 63.1	98,245	61.6	61.1 - 62.1	91,847	63.5	63.0 - 63.9
Texas	559,768	63.1	62.9 - 63.2	284,517	61.1	60.8 - 61.3	275,251	64.8	64.6 - 65.1
Utah	59,511	70.8	70.2 - 71.4	31,053	71.5	70.7 - 72.3	28,458	69.5	68.6 - 70.3
Vermont	22,919	65.6	64.7 - 66.6	11,404	64.4	63.0 - 65.8	11,515	66.5	65.2 - 67.8
Virginia	185,943	64.1	63.8 - 64.5	91,858	62.3	61.9 - 62.8	94,085	65.6	65.1 - 66.1
Washington	198,106	67.4	67.1 - 67.7	99,655	66.4	66.0 - 66.9	98,451	68.1	67.6 - 68.5
WA - Seattle	136,863	68.5	68.1 - 68.8	69,201	67.9	67.3 - 68.4	67,662	68.7	68.2 - 69.3
West Virginia	71,714	60.1	59.5 - 60.7	36,645	58.1	57.3 - 58.8	35,069	61.8	61.0 - 62.6
Wisconsin	182,715	66.6	66.3 - 66.9	93,153	65.7	65.2 - 66.2	89,562	67.2	66.8 - 67.7
Wyoming	16,418	64.9	63.7 - 66.1	8,759	65.8	64.1 - 67.5	7,659	63.3	61.5 - 64.9

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-28 Survival – All Sites (invasive)

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, All Sites (Standardized - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	8,291,183	65.0	64.9 - 65.0	4,229,824	64.0	63.9 - 64.0	4,061,359	66.0	66.0 - 66.1
Alabama	130,821	63.0	62.7 - 63.4	69,706	62.2	61.8 - 62.7	61,115	63.9	63.3 - 64.4
Alaska	13,989	-		7,461	-		6,528	-	
Arizona	175,720	62.4	62.1 - 62.8	88,351	60.8	60.3 - 61.3	87,369	64.3	63.8 - 64.7
Arkansas	89,015	63.2	62.8 - 63.7	48,139	62.5	61.8 - 63.2	40,876	64.0	63.3 - 64.7
California	864,201	63.9	63.7 - 64.0	435,087	62.7	62.5 - 62.9	429,114	65.2	65.0 - 65.4
CA - Greater California	521,207	63.1	62.9 - 63.3	263,661	61.7	61.5 - 62.0	257,546	64.7	64.4 - 64.9
CA - Greater Bay Area	153,131	66.9	66.5 - 67.2	78,240	65.9	65.4 - 66.4	74,891	67.9	67.4 - 68.4
CA - Los Angeles	190,019	63.3	62.9 - 63.6	93,265	62.4	61.9 - 62.8	96,754	64.2	63.7 - 64.7
Colorado	133,799	65.6	65.2 - 66.0	66,693	64.6	64.1 - 65.2	67,106	66.7	66.2 - 67.3
Connecticut	122,938	66.4	66.0 - 66.8	60,649	65.2	64.6 - 65.8	62,289	67.8	67.2 - 68.3
Delaware	30,042	64.3	63.5 - 65.1	15,722	63.7	62.7 - 64.7	14,320	64.9	63.8 - 66.1
Florida	654,017	64.8	64.6 - 65.0	345,534	63.5	63.3 - 63.8	308,483	66.2	66.0 - 66.5
Georgia	219,069	63.9	63.6 - 64.3	114,279	63.1	62.7 - 63.6	104,790	64.8	64.4 - 65.3
Hawaii	14,808	-		8,348	-		6,460	-	
Idaho	48,535	64.4	63.8 - 65.0	25,315	-		23,220	65.9	65.0 - 66.8
Illinois	366,629	66.0	65.8 - 66.3	183,411	65.3	65.0 - 65.6	183,218	66.9	66.6 - 67.2
Iowa	112,492	64.1	63.7 - 64.5	57,798	63.1	62.5 - 63.6	54,694	65.2	64.6 - 65.8
Kentucky	160,879	62.9	62.6 - 63.3	82,798	61.6	61.1 - 62.1	78,081	64.4	63.9 - 64.9
Louisiana	114,914	63.6	63.2 - 64.0	62,299	63.5	62.9 - 64.1	52,615	63.7	63.1 - 64.4
Maine	55,075	64.9	64.4 - 65.5	27,672	63.6	62.7 - 64.4	27,403	66.4	65.6 - 67.3
Maryland	134,617	66.8	66.4 - 67.2	67,332	65.6	65.1 - 66.1	67,285	68.1	67.6 - 68.7
Michigan	305,792	64.9	64.7 - 65.1	157,006	64.2	63.9 - 64.6	148,786	65.6	65.3 - 66.0
MI - Detroit	111,002	64.9	64.6 - 65.3	56,510	64.8	64.3 - 65.3	54,492	65.1	64.5 - 65.7
Minnesota	171,749	67.4	67.1 - 67.7	87,916	66.1	65.6 - 66.5	83,833	68.9	68.4 - 69.3
Mississippi	71,276	63.2	62.6 - 63.7	38,361	62.5	61.7 - 63.2	32,915	63.9	63.2 - 64.7
Missouri	189,602	63.7	63.4 - 64.0	95,877	62.7	62.3 - 63.1	93,725	64.7	64.3 - 65.2
Montana	35,173	62.9	62.1 - 63.7	18,584	61.9	60.8 - 62.9	16,589	64.0	62.9 - 65.1
Nebraska	58,847	64.3	63.8 - 64.9	30,240	63.5	62.7 - 64.3	28,607	65.3	64.5 - 66.1
New Hampshire	51,188	66.8	66.2 - 67.4	26,023	65.6	64.8 - 66.5	25,165	68.0	67.2 - 68.9
New Jersey	274,236	66.3	66.0 - 66.5	136,454	65.4	65.0 - 65.8	137,782	67.2	66.9 - 67.6
New Mexico	52,901	61.1	60.5 - 61.7	26,709	59.7	58.8 - 60.5	26,192	62.6	61.8 - 63.5
New York	581,075	66.7	66.5 - 66.9	290,508	65.8	65.6 - 66.1	290,567	67.7	67.5 - 68.0
North Carolina	268,887	65.6	65.4 - 65.9	138,211	64.4	64.0 - 64.8	130,676	67.0	66.6 - 67.4
North Dakota	23,121	-		12,295	-		10,826	-	
Ohio	364,062	63.9	63.7 - 64.2	182,196	62.9	62.6 - 63.2	181,866	65.1	64.7 - 65.4
Oklahoma	103,571	62.8	62.4 - 63.3	53,727	62.0	61.4 - 62.6	49,844	63.7	63.1 - 64.4
Oregon	127,618	65.4	65.0 - 65.8	63,822	64.4	63.8 - 64.9	63,796	66.5	66.0 - 67.1
Pennsylvania	456,515	64.9	64.7 - 65.1	228,383	64.1	63.8 - 64.4	228,132	65.8	65.5 - 66.1
Rhode Island	37,366	65.8	65.1 - 66.5	17,914	64.4	63.4 - 65.4	19,452	67.4	66.4 - 68.3
South Carolina	127,158	63.9	63.5 - 64.3	66,545	62.4	61.9 - 63.0	60,613	65.5	65.0 - 66.1
Tennessee	197,853	64.3	64.0 - 64.6	103,008	63.7	63.3 - 64.1	94,845	64.9	64.5 - 65.4
Texas	581,564	64.2	64.0 - 64.4	297,587	63.0	62.7 - 63.3	283,977	65.5	65.3 - 65.8
Utah	61,925	64.6	64.1 - 65.2	32,565	64.1	63.4 - 64.9	29,360	65.1	64.3 - 66.0
Vermont	23,966	-		11,988	63.5	62.2 - 64.9	11,978	-	
Virginia	193,460	64.3	64.0 - 64.6	96,078	63.2	62.8 - 63.6	97,382	65.5	65.1 - 66.0
Washington	207,053	66.4	66.1 - 66.7	104,917	65.3	64.9 - 65.7	102,136	67.5	67.1 - 68.0
WA - Seattle	143,469	66.7	66.4 - 67.1	73,083	65.8	65.3 - 66.3	70,386	67.8	67.3 - 68.3
West Virginia	74,907	62.9	62.4 - 63.3	38,578	62.1	61.4 - 62.7	36,329	63.7	63.0 - 64.4
Wisconsin	191,706	66.0	65.7 - 66.3	98,603	65.0	64.6 - 65.4	93,103	67.1	66.7 - 67.6
Wyoming	17,052	-		9,135	-		7,917	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Oral Cavity & Pharynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	224,440	61.6	61.3 - 62.0	160,530	60.8	60.3 - 61.2	63,910	63.8	63.2 - 64.4
Alabama	4,050	61.3	58.6 - 64.0	2,910	62.2	58.6 - 65.5	1,140	59.4	54.6 - 63.9
Alaska	406	64.9	52.8 - 74.6	313	67.0	51.7 - 78.4	93	64.7	49.7 - 76.3 *
Arizona	4,328	60.4	57.9 - 62.7	3,162	60.4	57.4 - 63.3	1,166	60.0	55.4 - 64.2
Arkansas	2,688	59.2	55.7 - 62.6	1,976	58.7	54.4 - 62.7	712	58.6	52.7 - 64.0
California	22,920	61.3	60.3 - 62.3	16,444	60.3	59.0 - 61.5	6,476	63.7	62.0 - 65.5
CA - Greater California	14,317	61.3	60.0 - 62.6	10,321	60.8	59.1 - 62.4	3,996	63.0	60.7 - 65.1
CA - Greater Bay Area	3,940	65.9	63.4 - 68.4	2,835	63.2	59.9 - 66.3	1,105	71.5	67.2 - 75.3
CA - Los Angeles	4,672	57.1	54.7 - 59.3	3,296	55.8	52.9 - 58.6	1,376	58.8	54.6 - 62.8
Colorado	3,670	65.2	62.4 - 68.0	2,608	64.9	61.0 - 68.5	1,062	66.7	62.0 - 70.9
Connecticut	3,059	63.9	61.1 - 66.6	2,087	60.3	56.6 - 63.9	972	70.4	65.9 - 74.4
Delaware	828	59.5	53.8 - 64.8	601	56.5	49.7 - 62.8	227	62.7	52.7 - 71.1
Florida	19,944	58.2	57.0 - 59.3	14,738	57.3	56.0 - 58.7	5,206	60.4	58.4 - 62.4
Georgia	6,719	60.0	57.8 - 62.1	4,818	59.8	57.0 - 62.5	1,901	60.2	56.8 - 63.5
Hawaii	565	60.6	54.0 - 66.6	438	60.8	52.7 - 67.9	127	60.1	47.9 - 70.2
Idaho	1,412	67.1	62.9 - 71.0	969	67.2	61.8 - 72.1	443	67.6	60.7 - 73.5
Illinois	9,636	63.9	62.2 - 65.6	6,848	62.2	60.1 - 64.1	2,788	66.7	63.8 - 69.4
Iowa	3,050	66.9	63.9 - 69.7	2,193	65.1	61.3 - 68.6	857	70.6	65.6 - 75.0
Kentucky	4,551	59.5	56.6 - 62.2	3,301	59.3	56.0 - 62.4	1,250	60.6	56.1 - 64.8
Louisiana	3,432	57.8	54.7 - 60.7	2,527	58.6	54.8 - 62.2	905	55.9	50.6 - 60.8
Maine	1,507	63.1	59.1 - 66.9	1,085	61.0	55.9 - 65.7	422	65.2	57.2 - 72.1
Maryland	3,668	65.7	62.9 - 68.3	2,596	63.5	59.9 - 66.9	1,072	67.2	63.0 - 71.1
Michigan	7,937	60.5	58.6 - 62.4	5,638	59.2	56.7 - 61.5	2,299	63.2	60.0 - 66.2
MI - Detroit	2,846	57.9	54.7 - 60.9	2,047	56.1	52.1 - 60.0	799	61.6	56.3 - 66.5
Minnesota	4,558	69.2	66.7 - 71.5	3,123	70.3	67.1 - 73.3	1,435	67.4	63.2 - 71.2
Mississippi	2,129	60.0	56.2 - 63.5	1,524	58.2	53.5 - 62.5	605	62.6	56.0 - 68.5
Missouri	5,209	60.2	57.8 - 62.5	3,750	58.7	55.6 - 61.7	1,459	63.0	59.0 - 66.7
Montana	935	54.3	48.3 - 59.8	653	52.6	44.7 - 59.8	282	56.7	46.3 - 65.9
Nebraska	1,517	66.7	62.7 - 70.4	1,063	66.4	61.2 - 71.1	454	67.3	60.5 - 73.3
New Hampshire	1,295	64.9	60.4 - 69.1	922	63.6	57.7 - 68.9	373	66.3	58.3 - 73.1
New Jersey	6,197	62.7	60.7 - 64.5	4,274	60.9	58.4 - 63.2	1,923	66.2	63.0 - 69.2
New Mexico	1,415	53.8	49.6 - 57.9	1,042	54.1	48.8 - 59.1	373	53.8	46.4 - 60.5
New York	13,245	62.5	61.1 - 63.8	9,170	60.9	59.2 - 62.6	4,075	65.4	63.2 - 67.6
North Carolina	7,533	62.6	60.6 - 64.6	5,380	61.6	58.8 - 64.3	2,153	64.9	61.6 - 67.9
North Dakota	610	68.5	62.1 - 74.0	428	66.3	58.1 - 73.3	182	70.6	58.4 - 79.9
Ohio	9,606	60.7	58.8 - 62.4	6,838	57.9	55.6 - 60.2	2,768	65.3	62.4 - 68.1
Oklahoma	3,209	63.9	60.8 - 66.8	2,315	62.2	58.4 - 65.8	894	66.8	61.4 - 71.6
Oregon	3,482	65.2	62.0 - 68.1	2,454	64.5	60.3 - 68.3	1,028	64.8	59.8 - 69.4
Pennsylvania	11,288	61.6	60.0 - 63.0	7,854	60.2	58.3 - 62.1	3,434	64.6	62.1 - 66.9
Rhode Island	899	53.2	47.8 - 58.3	621	52.0	44.6 - 58.8	278	53.1	43.9 - 61.5
South Carolina	3,757	57.1	54.2 - 59.9	2,753	56.2	52.5 - 59.7	1,004	59.9	55.0 - 64.4
Tennessee	5,721	60.5	58.0 - 62.9	4,198	60.1	56.9 - 63.1	1,523	61.4	57.3 - 65.2
Texas	16,771	60.2	58.8 - 61.5	12,231	59.6	57.9 - 61.3	4,540	61.5	59.2 - 63.7
Utah	1,352	65.0	59.8 - 69.7	935	66.7	60.9 - 71.8	417	59.6	51.9 - 66.4
Vermont	637	60.5	54.0 - 66.4	463	60.0	51.9 - 67.1	174	61.6	49.9 - 71.3
Virginia	5,429	62.1	59.9 - 64.3	3,936	60.6	57.8 - 63.4	1,493	65.3	61.3 - 69.1
Washington	5,655	65.3	62.9 - 67.5	3,940	65.4	62.4 - 68.1	1,715	65.0	61.3 - 68.5
WA - Seattle	3,896	65.2	62.4 - 67.9	2,705	65.0	61.4 - 68.4	1,191	65.9	61.2 - 70.1
West Virginia	2,010	58.4	54.2 - 62.4	1,459	58.5	53.9 - 62.7	551	58.4	51.9 - 64.4
Wisconsin	5,192	62.7	60.4 - 65.0	3,646	61.3	58.3 - 64.2	1,546	65.9	62.0 - 69.5
Wyoming	419	62.5	54.4 - 69.6	306	60.9	52.3 - 68.4	113	55.9	38.0 - 70.6

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-30 Survival – Oral Cavity & Pharynx

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	91,273	20.9	20.5 - 21.3	73,066	20.5	20.1 - 21.0	18,207	23.1	22.2 - 24.0
Alabama	1,385	17.4	14.6 - 20.6	1,125	17.8	14.8 - 21.0 *	260	16.9	10.8 - 24.1 *
Alaska	185	28.8	20.6 - 37.5	149	29.4	20.4 - 39.0 *	36	33.0	15.8 - 51.3 *
Arizona	2,106	19.3	16.9 - 21.8	1,698	18.2	15.5 - 21.0	408	25.4	20.1 - 30.9
Arkansas	891	16.7	13.2 - 20.5	754	15.8	12.1 - 19.9	137	19.7	11.8 - 29.1 *
California	8,592	18.5	17.3 - 19.8	6,707	17.9	16.6 - 19.3	1,885	20.9	18.2 - 23.8
CA - Greater California	5,384	17.4	15.9 - 19.0	4,272	16.8	15.1 - 18.5	1,112	20.2	16.6 - 24.1
CA - Greater Bay Area	1,554	21.0	18.2 - 24.0	1,155	20.1	16.9 - 23.5	399	23.6	18.0 - 29.6
CA - Los Angeles	1,654	19.6	17.0 - 22.3	1,280	19.9	17.1 - 23.0	374	17.7	12.5 - 23.7 *
Colorado	1,459	20.1	17.0 - 23.4	1,203	20.5	17.1 - 24.1	256	17.7	10.8 - 26.1 *
Connecticut	1,338	25.4	22.0 - 28.8 *	1,054	25.8	22.1 - 29.6 *	284	23.1	16.0 - 31.0 *
Delaware	336	20.5	14.4 - 27.5 *	270	17.6	10.8 - 25.8 *	66	25.4	14.3 - 38.0
Florida	7,377	22.9	21.5 - 24.3	5,911	22.1	20.5 - 23.7	1,466	25.9	22.6 - 29.3
Georgia	2,199	20.6	18.2 - 23.0	1,783	20.8	18.2 - 23.5	416	20.1	15.2 - 25.4
Hawaii	168	17.2	10.8 - 24.9 *	135	19.2	11.8 - 27.9 *	33	9.4	1.7 - 25.4 *
Idaho	526	15.2	11.3 - 19.7	437	17.6	13.0 - 22.7 *	89	11.7	4.0 - 23.9 *
Illinois	4,237	21.9	20.1 - 23.8	3,391	21.9	19.8 - 24.0	846	23.3	19.1 - 27.8
Iowa	1,401	20.8	17.8 - 24.0	1,161	20.0	16.7 - 23.5	240	23.5	16.7 - 31.0 *
Kentucky	1,640	17.0	14.4 - 19.8	1,360	15.8	13.0 - 18.8	280	21.3	15.0 - 28.5 *
Louisiana	1,229	17.6	14.5 - 20.8	1,008	16.9	13.7 - 20.4	221	23.1	14.8 - 32.5 *
Maine	841	22.0	17.8 - 26.4	684	21.8	17.3 - 26.5	157	24.0	15.6 - 33.5 *
Maryland	1,514	24.8	21.6 - 28.1	1,208	25.4	22.1 - 28.8 *	306	20.9	14.2 - 28.4
Michigan	3,958	24.1	22.1 - 26.1	3,158	23.8	21.6 - 26.0	800	25.4	20.5 - 30.7
MI - Detroit	1,247	23.1	19.8 - 26.6	964	21.9	18.4 - 25.6	283	23.4	16.3 - 31.3 *
Minnesota	1,921	22.0	19.3 - 24.8	1,512	22.0	18.9 - 25.1	409	19.1	13.8 - 24.9 *
Mississippi	679	16.5	12.3 - 21.2	542	14.4	10.4 - 18.9	137	20.0	10.5 - 31.6
Missouri	2,249	17.2	15.0 - 19.6 *	1,825	18.5	16.1 - 21.1 *	424	10.2	5.8 - 16.1 *
Montana	432	20.7	15.6 - 26.2 *	332	20.9	14.9 - 27.6 *	100	19.4	11.0 - 29.7 *
Nebraska	672	18.6	14.6 - 23.0	551	15.6	11.5 - 20.3	121	28.1	17.2 - 40.0 *
New Hampshire	763	25.4	21.2 - 29.7	614	23.9	19.2 - 28.9	149	29.9	21.7 - 38.5
New Jersey	2,735	22.8	20.4 - 25.2	2,120	22.7	20.0 - 25.5	615	22.0	17.3 - 27.1 *
New Mexico	588	15.5	11.6 - 20.1 *	486	15.3	11.0 - 20.2 *	102	17.2	8.2 - 29.0 *
New York	6,057	22.5	21.0 - 24.1	4,623	21.2	19.5 - 23.0	1,434	26.8	23.4 - 30.3
North Carolina	2,641	19.4	17.2 - 21.7	2,179	18.8	16.5 - 21.3	462	21.3	16.0 - 27.1 *
North Dakota	239	16.5	10.2 - 24.3 *	192	15.1	8.6 - 23.4 *	47	-	-
Ohio	4,501	18.4	16.7 - 20.2	3,633	18.5	16.6 - 20.6	868	18.0	14.4 - 21.8 *
Oklahoma	1,100	18.2	14.9 - 21.8	872	16.0	12.6 - 19.8	228	22.8	15.6 - 30.9 *
Oregon	1,508	23.1	20.1 - 26.3	1,196	23.0	19.6 - 26.5	312	22.9	16.2 - 30.2 *
Pennsylvania	5,270	20.0	18.4 - 21.7	4,239	19.9	18.1 - 21.7	1,031	20.1	16.4 - 24.1
Rhode Island	418	26.4	21.0 - 32.0	315	27.0	20.9 - 33.5	103	21.8	14.2 - 30.6
South Carolina	1,333	21.5	18.2 - 24.9	1,056	20.7	17.3 - 24.4	277	21.0	13.9 - 29.2 *
Tennessee	2,083	19.0	16.5 - 21.6	1,712	18.3	15.5 - 21.2	371	22.0	16.6 - 27.9 *
Texas	5,836	22.2	20.6 - 23.8	4,737	22.0	20.2 - 23.8	1,099	24.3	20.8 - 27.9
Utah	488	19.4	14.9 - 24.4	409	20.9	16.1 - 26.1	79	8.0	0.9 - 26.2 *
Vermont	328	21.5	15.7 - 27.9	266	22.2	15.8 - 29.3	62	22.2	12.0 - 34.3 *
Virginia	2,166	19.4	16.9 - 21.9	1,734	17.7	15.2 - 20.4	432	23.9	18.4 - 29.9 *
Washington	2,431	24.7	22.2 - 27.2	1,913	24.5	21.7 - 27.3	518	24.7	19.9 - 29.7
WA - Seattle	1,572	24.9	22.0 - 27.9 *	1,228	24.2	21.0 - 27.6 *	344	27.1	21.1 - 33.5 *
West Virginia	938	14.6	11.4 - 18.2	780	16.4	12.7 - 20.5 *	158	11.0	4.2 - 21.4 *
Wisconsin	2,306	20.4	17.9 - 22.9	1,854	20.3	17.6 - 23.1	452	21.0	16.0 - 26.4
Wyoming	209	17.2	11.2 - 24.3	178	17.6	11.2 - 25.2	31	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	112,082	31.8	31.4 - 32.2	71,517	28.5	28.0 - 29.0	40,565	37.8	37.2 - 38.5
Alabama	1,559	31.9	28.8 - 35.1	975	25.8	22.0 - 29.7	584	41.9	36.6 - 47.1
Alaska	171	32.8	23.4 - 42.5	122	31.6	20.0 - 43.9	49	37.3	20.7 - 53.9 *
Arizona	2,303	27.9	25.4 - 30.5	1,512	25.8	22.8 - 29.0	791	31.8	27.4 - 36.4
Arkansas	1,089	27.8	24.0 - 31.8	709	26.8	22.4 - 31.5	380	30.3	23.7 - 37.2 *
California	14,435	28.9	27.9 - 30.0	8,926	26.0	24.7 - 27.3	5,509	33.7	32.0 - 35.5
CA - Greater California	7,897	27.0	25.6 - 28.4	5,007	23.1	21.4 - 24.8	2,890	33.6	31.2 - 36.0
CA - Greater Bay Area	2,268	31.8	29.1 - 34.5	1,393	30.2	26.8 - 33.6	875	34.3	30.0 - 38.7
CA - Los Angeles	4,272	30.9	28.9 - 32.9	2,527	29.0	26.5 - 31.6	1,745	33.4	30.2 - 36.6
Colorado	1,738	29.7	26.6 - 32.8	1,141	24.4	20.6 - 28.5	597	37.4	32.3 - 42.5
Connecticut	2,009	35.2	32.2 - 38.2	1,266	30.5	26.8 - 34.3	743	43.3	38.5 - 48.1
Delaware	357	30.8	24.3 - 37.6	233	34.3	26.0 - 42.7	124	24.4	15.1 - 35.0 *
Florida	8,229	33.2	31.8 - 34.6	5,236	30.2	28.4 - 32.0	2,993	38.8	36.4 - 41.2
Georgia	2,551	31.2	28.6 - 33.8	1,594	28.9	25.7 - 32.1	957	34.4	30.0 - 38.9
Hawaii	155	27.3	18.7 - 36.6	112	22.8	13.6 - 33.5	43	-	
Idaho	548	30.5	25.2 - 36.0	368	27.0	20.8 - 33.6	180	36.1	26.0 - 46.2
Illinois	5,156	32.3	30.5 - 34.2	3,279	28.3	26.0 - 30.7	1,877	39.7	36.6 - 42.7
Iowa	1,193	28.6	25.0 - 32.2	786	25.2	21.0 - 29.6 *	407	35.0	28.7 - 41.2
Kentucky	2,014	29.9	26.9 - 32.9	1,268	24.9	21.3 - 28.6	746	38.0	33.0 - 43.0
Louisiana	1,422	29.0	25.7 - 32.4	945	27.2	23.1 - 31.4	477	33.0	27.4 - 38.6
Maine	632	33.6	28.4 - 39.0	400	30.1	23.7 - 36.7	232	42.2	32.2 - 51.8
Maryland	1,681	36.2	33.0 - 39.4	1,053	31.5	27.7 - 35.4	628	43.7	38.5 - 48.8
Michigan	4,033	34.4	32.3 - 36.5	2,704	30.6	28.1 - 33.1	1,329	40.8	37.4 - 44.3
MI - Detroit	1,556	30.8	27.7 - 34.0	1,013	27.2	23.4 - 31.1	543	36.1	30.7 - 41.4
Minnesota	2,038	32.5	29.6 - 35.4	1,364	27.0	23.5 - 30.5	674	42.3	37.2 - 47.2
Mississippi	857	24.2	20.3 - 28.4	537	18.6	14.2 - 23.4	320	34.0	27.0 - 41.1 *
Missouri	2,107	28.1	25.4 - 30.9	1,382	24.2	20.8 - 27.7	725	34.3	29.8 - 38.9
Montana	367	22.0	15.7 - 28.9 *	230	19.0	12.0 - 27.2	137	27.3	16.9 - 38.8 *
Nebraska	675	28.3	23.6 - 33.2	461	25.4	19.8 - 31.4	214	33.5	25.4 - 41.7
New Hampshire	587	37.4	31.8 - 42.9	372	33.0	26.6 - 39.4	215	46.3	37.3 - 54.7
New Jersey	4,267	33.9	31.8 - 36.0	2,657	29.0	26.5 - 31.6	1,610	42.9	39.3 - 46.4
New Mexico	883	28.4	24.5 - 32.5	544	25.6	20.8 - 30.7	339	31.9	25.7 - 38.2 *
New York	9,078	37.0	35.5 - 38.4	5,600	34.3	32.5 - 36.1	3,478	41.7	39.4 - 44.0
North Carolina	3,176	34.1	31.6 - 36.5	1,986	30.2	27.2 - 33.2	1,190	40.8	36.8 - 44.7
North Dakota	302	29.4	22.2 - 37.0	194	25.3	16.6 - 34.9	108	34.0	22.7 - 45.7 *
Ohio	4,746	30.6	28.8 - 32.5	3,114	26.8	24.5 - 29.1	1,632	38.6	35.3 - 41.9
Oklahoma	1,137	28.9	25.4 - 32.5	770	26.2	22.1 - 30.4	367	35.9	29.0 - 42.7
Oregon	1,572	30.6	27.5 - 33.8	1,051	29.5	25.6 - 33.5	521	32.0	26.4 - 37.8
Pennsylvania	6,120	32.4	30.7 - 34.0	4,019	29.0	27.0 - 31.0	2,101	39.2	36.2 - 42.1
Rhode Island	561	34.7	29.2 - 40.3	351	31.4	24.6 - 38.4	210	35.3	24.6 - 46.2 *
South Carolina	1,504	29.4	26.1 - 32.8	999	25.3	21.4 - 29.4	505	37.5	31.5 - 43.5
Tennessee	2,306	31.8	29.1 - 34.4	1,450	27.3	24.0 - 30.8	856	39.2	35.0 - 43.3
Texas	8,984	30.8	29.5 - 32.2	5,511	28.0	26.2 - 29.7	3,473	35.2	33.0 - 37.5
Utah	634	27.2	22.5 - 32.1	400	22.6	17.2 - 28.5	234	36.0	27.6 - 44.4
Vermont	236	20.1	12.9 - 28.5 *	160	16.5	8.7 - 26.6 *	76	27.5	15.5 - 40.9 *
Virginia	2,553	30.9	28.4 - 33.4	1,637	28.9	25.8 - 32.2	916	34.1	30.1 - 38.1
Washington	2,428	32.5	29.9 - 35.1	1,648	29.4	26.3 - 32.6	780	38.5	34.2 - 42.9
WA - Seattle	1,660	33.2	30.1 - 36.4	1,125	31.3	27.4 - 35.2	535	36.9	31.6 - 42.3
West Virginia	995	26.6	22.8 - 30.5	632	22.0	17.7 - 26.6 *	363	33.3	25.9 - 40.8
Wisconsin	2,500	34.9	32.3 - 37.4	1,678	32.8	29.6 - 36.0	822	38.8	34.5 - 43.1
Wyoming	194	30.7	22.6 - 39.2	141	30.1	20.4 - 40.3	53	33.7	19.9 - 48.1 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Colon & Rectum**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	718,519	64.2	64.0 - 64.3	376,658	63.0	62.7 - 63.2	341,861	65.5	65.3 - 65.8
Alabama	12,164	63.3	61.9 - 64.7	6,575	62.8	60.8 - 64.8	5,589	64.3	62.2 - 66.2
Alaska	1,214	62.9	58.4 - 67.1	683	60.3	53.6 - 66.4	531	65.2	59.0 - 70.8
Arizona	15,442	62.1	60.9 - 63.2	8,227	60.9	59.2 - 62.5	7,215	63.3	61.6 - 64.9
Arkansas	8,406	61.9	60.2 - 63.6	4,552	59.9	57.5 - 62.2	3,854	64.3	61.9 - 66.6
California	75,007	64.0	63.5 - 64.5	39,298	62.6	61.8 - 63.4	35,709	65.6	64.8 - 66.3
CA - Greater California	45,106	63.7	63.0 - 64.4	23,783	62.2	61.2 - 63.1	21,323	65.3	64.3 - 66.3
CA - Greater Bay Area	12,479	67.0	65.7 - 68.3	6,410	65.4	63.5 - 67.3	6,069	68.4	66.5 - 70.2
CA - Los Angeles	17,444	62.5	61.4 - 63.6	9,122	61.5	59.9 - 63.1	8,322	63.8	62.2 - 65.4
Colorado	10,908	64.7	63.2 - 66.1	5,677	63.6	61.5 - 65.7	5,231	65.9	63.9 - 67.9
Connecticut	9,951	66.1	64.7 - 67.6	5,015	66.4	64.2 - 68.5	4,936	66.0	64.0 - 68.0
Delaware	2,251	64.1	60.9 - 67.1	1,174	63.1	58.4 - 67.5	1,077	64.7	60.1 - 68.8
Florida	54,637	63.0	62.4 - 63.7	28,880	61.1	60.2 - 62.0	25,757	65.4	64.5 - 66.3
Georgia	18,692	62.9	61.7 - 64.0	10,084	61.4	59.8 - 63.0	8,608	64.3	62.7 - 66.0
Hawaii	1,234	64.5	60.2 - 68.5	708	64.0	57.9 - 69.5	526	65.4	59.4 - 70.7
Idaho	3,997	62.7	60.3 - 65.0	2,139	59.4	56.1 - 62.5	1,858	66.1	62.4 - 69.5
Illinois	33,770	66.7	65.9 - 67.5	17,731	65.6	64.5 - 66.8	16,039	68.1	67.0 - 69.2
Iowa	10,898	65.5	64.1 - 66.9	5,591	64.4	62.3 - 66.4	5,307	66.5	64.4 - 68.5
Kentucky	15,505	64.0	62.7 - 65.3	8,230	62.2	60.3 - 64.0	7,275	65.7	63.9 - 67.5
Louisiana	10,597	64.0	62.5 - 65.5	5,758	63.8	61.6 - 65.9	4,839	64.3	62.2 - 66.4
Maine	4,460	65.3	63.1 - 67.4	2,266	63.7	60.5 - 66.8	2,194	66.9	63.9 - 69.7
Maryland	10,590	65.2	63.8 - 66.6	5,412	62.4	60.2 - 64.5	5,178	67.9	66.0 - 69.7
Michigan	25,015	65.1	64.1 - 66.0	12,912	64.0	62.7 - 65.4	12,103	66.0	64.7 - 67.3
MI - Detroit	8,984	65.3	63.7 - 66.8	4,529	64.8	62.6 - 67.0	4,455	65.6	63.4 - 67.7
Minnesota	14,337	68.3	67.1 - 69.5	7,426	66.4	64.6 - 68.1	6,911	70.1	68.4 - 71.8
Mississippi	6,877	63.0	61.1 - 64.9	3,709	61.4	58.7 - 64.0	3,168	64.2	61.6 - 66.6
Missouri	17,499	63.9	62.8 - 65.1	9,242	63.2	61.5 - 64.8	8,257	64.8	63.1 - 66.4
Montana	3,055	63.4	60.6 - 66.1	1,693	63.1	59.3 - 66.7	1,362	63.7	59.6 - 67.5
Nebraska	5,779	67.8	65.8 - 69.7	2,992	67.7	64.8 - 70.4	2,787	68.0	65.2 - 70.6
New Hampshire	3,908	66.0	63.5 - 68.4	1,992	64.6	60.7 - 68.2	1,916	67.2	63.9 - 70.2
New Jersey	24,061	63.8	62.9 - 64.8	12,084	61.7	60.3 - 63.1	11,977	65.9	64.6 - 67.3
New Mexico	4,670	57.7	55.6 - 59.8	2,531	57.0	54.0 - 59.9	2,139	58.5	55.4 - 61.5
New York	47,676	64.4	63.8 - 65.1	23,988	63.7	62.7 - 64.6	23,688	65.4	64.5 - 66.3
North Carolina	21,113	64.1	63.0 - 65.1	11,027	63.0	61.5 - 64.5	10,086	65.1	63.6 - 66.4
North Dakota	2,314	68.1	65.1 - 70.8	1,252	65.0	60.7 - 68.9	1,062	71.3	67.1 - 75.0
Ohio	33,329	63.9	63.1 - 64.8	17,239	62.8	61.6 - 64.1	16,090	65.2	64.1 - 66.4
Oklahoma	9,659	63.5	61.9 - 65.0	5,091	61.3	59.1 - 63.5	4,568	65.5	63.2 - 67.7
Oregon	10,345	65.5	64.1 - 66.9	5,378	64.6	62.5 - 66.6	4,967	66.5	64.5 - 68.5
Pennsylvania	41,468	64.0	63.2 - 64.7	21,319	63.3	62.2 - 64.3	20,149	64.9	63.9 - 65.9
Rhode Island	2,944	63.4	60.6 - 66.1	1,438	64.4	60.2 - 68.3	1,506	62.5	58.6 - 66.2
South Carolina	10,326	63.1	61.6 - 64.6	5,451	61.2	59.1 - 63.2	4,875	65.4	63.3 - 67.4
Tennessee	16,955	63.6	62.4 - 64.8	8,811	63.0	61.2 - 64.7	8,144	64.5	62.9 - 66.1
Texas	53,884	63.7	63.0 - 64.3	29,983	62.5	61.5 - 63.4	23,901	65.0	64.1 - 66.0
Utah	4,575	64.1	61.9 - 66.3	2,417	63.5	60.3 - 66.4	2,158	64.6	61.3 - 67.6
Vermont	1,915	62.8	59.4 - 66.0	954	62.2	57.0 - 66.9	961	64.1	59.4 - 68.5
Virginia	16,198	63.3	62.1 - 64.4	8,369	62.8	61.0 - 64.4	7,829	64.1	62.4 - 65.7
Washington	16,195	65.5	64.3 - 66.6	8,429	64.5	62.8 - 66.1	7,766	66.8	65.2 - 68.3
WA - Seattle	10,901	65.2	63.8 - 66.6	5,690	63.8	61.7 - 65.8	5,211	67.2	65.2 - 69.1
West Virginia	7,370	60.9	59.0 - 62.7	3,861	59.4	56.7 - 61.9	3,509	62.5	60.0 - 65.0
Wisconsin	15,888	65.7	64.6 - 66.9	8,273	64.4	62.7 - 66.1	7,615	66.9	65.2 - 68.5
Wyoming	1,441	62.0	58.0 - 65.8	797	60.3	54.9 - 65.2	644	63.6	57.9 - 68.8

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Liver & Intrahepatic Bile Duct**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	136,267	16.6	16.3 - 16.9	98,298	15.7	15.3 - 16.1	37,969	18.9	18.3 - 19.5
Alabama	1,939	12.0	9.9 - 14.2	1,391	10.8	8.4 - 13.5	548	12.6	9.1 - 16.7
Alaska	281	16.4	10.0 - 24.1	223	15.7	9.7 - 22.9 *	58	17.4	7.4 - 30.9 *
Arizona	3,281	17.2	15.2 - 19.2	2,312	15.5	13.1 - 18.1	969	19.9	16.5 - 23.5
Arkansas	1,242	16.3	13.2 - 19.7	905	15.1	11.6 - 19.1	337	20.1	14.0 - 27.0 *
California	18,643	15.7	14.9 - 16.6	13,424	14.4	13.4 - 15.5	5,219	19.0	17.4 - 20.6
CA - Greater California	10,924	15.0	13.9 - 16.1	7,973	13.5	12.2 - 14.8	2,951	18.7	16.7 - 20.8
CA - Greater Bay Area	3,247	18.9	16.8 - 21.0	2,330	18.1	15.6 - 20.8	917	20.4	16.8 - 24.2
CA - Los Angeles	4,474	14.8	13.2 - 16.5	3,122	13.8	11.9 - 15.9	1,352	18.3	15.3 - 21.6
Colorado	2,330	16.1	13.8 - 18.5	1,675	14.6	11.7 - 17.7	655	19.6	15.7 - 23.8
Connecticut	2,016	18.6	15.9 - 21.4	1,492	18.7	15.9 - 21.7 *	524	19.4	14.6 - 24.7
Delaware	480	19.3	14.0 - 25.1	368	17.0	11.4 - 23.7	112	27.1	17.3 - 37.9
Florida	10,752	17.2	16.1 - 18.4	7,891	16.6	15.3 - 18.1	2,861	19.4	17.3 - 21.7
Georgia	3,387	15.4	13.5 - 17.4	2,453	14.4	12.2 - 16.8	934	17.9	14.3 - 21.7
Hawaii	305	8.2	4.1 - 14.0	230	8.6	3.9 - 15.8	75	-	
Idaho	696	12.8	9.1 - 17.2 *	502	12.8	8.4 - 18.2 *	194	9.9	5.6 - 15.5
Illinois	5,322	20.2	18.6 - 21.9	3,715	19.2	17.1 - 21.3	1,607	22.6	19.9 - 25.5
Iowa	1,382	13.8	10.9 - 16.9	971	13.1	9.9 - 16.9	411	13.7	9.6 - 18.4
Kentucky	2,407	14.5	12.3 - 16.9	1,711	13.8	11.1 - 16.8	696	16.0	12.1 - 20.3
Louisiana	1,860	16.0	13.5 - 18.8	1,440	14.8	11.6 - 18.4	420	19.4	14.7 - 24.6
Maine	621	10.0	6.6 - 14.3 *	452	9.9	5.8 - 15.2 *	169	10.7	5.1 - 18.7 *
Maryland	1,919	19.9	17.0 - 23.0	1,364	15.8	12.2 - 19.9	555	25.6	20.4 - 31.1
Michigan	4,026	19.3	17.3 - 21.3	2,793	18.5	16.0 - 21.2	1,233	21.1	17.8 - 24.6
MI - Detroit	1,538	18.9	15.8 - 22.2	1,125	18.5	14.8 - 22.6	413	21.1	16.1 - 26.5
Minnesota	1,842	19.3	16.5 - 22.2	1,272	16.2	13.0 - 19.8	570	23.9	19.1 - 29.1
Mississippi	1,245	16.6	13.5 - 19.9	950	14.7	11.4 - 18.3	295	21.9	16.0 - 28.4
Missouri	2,800	14.5	12.4 - 16.8	2,048	13.8	11.2 - 16.7	752	16.9	13.2 - 21.1
Montana	423	13.8	9.1 - 19.4	296	16.0	9.8 - 23.5 *	127	10.7	4.9 - 19.0 *
Nebraska	652	13.1	9.7 - 17.1	462	12.3	8.2 - 17.2 *	190	15.9	10.4 - 22.5
New Hampshire	587	16.7	12.1 - 22.1	452	14.3	9.6 - 19.9 *	135	21.1	12.2 - 31.6 *
New Jersey	3,921	18.0	16.1 - 20.0	2,826	18.1	15.8 - 20.4	1,095	18.3	14.8 - 22.1
New Mexico	1,303	14.5	11.9 - 17.4 *	984	15.3	12.3 - 18.5 *	319	11.9	7.2 - 18.0 *
New York	9,100	19.3	18.1 - 20.5	6,538	18.5	17.1 - 20.1	2,562	21.1	18.8 - 23.4
North Carolina	4,215	14.5	12.9 - 16.2	3,067	14.2	12.2 - 16.4	1,148	15.0	12.1 - 18.1
North Dakota	189	13.0	7.0 - 20.8 *	131	13.7	6.4 - 23.6 *	58	11.7	3.1 - 26.7 *
Ohio	4,533	15.1	13.5 - 16.8	3,195	13.5	11.7 - 15.4	1,338	18.0	15.0 - 21.2
Oklahoma	1,555	17.4	14.4 - 20.6	1,099	17.3	13.5 - 21.5	456	17.9	13.2 - 23.1
Oregon	2,436	17.2	14.7 - 19.9	1,761	16.2	13.0 - 19.7	675	17.7	13.8 - 22.1
Pennsylvania	6,583	16.3	14.9 - 17.8	4,773	17.1	15.3 - 18.9	1,810	14.7	12.2 - 17.3
Rhode Island	608	14.7	10.9 - 19.0	450	15.4	10.7 - 21.0	158	12.6	7.0 - 19.8 *
South Carolina	2,018	15.5	12.9 - 18.3	1,537	15.7	12.6 - 19.1	481	18.0	12.8 - 23.8
Tennessee	2,958	13.5	11.4 - 15.7	2,147	13.5	11.0 - 16.2	811	13.8	10.1 - 18.0
Texas	15,219	16.5	15.5 - 17.5	10,914	14.8	13.6 - 16.0	4,305	20.5	18.8 - 22.3
Utah	864	13.3	10.0 - 17.1	611	14.2	10.2 - 18.9 *	253	17.0	10.7 - 24.6
Vermont	293	17.3	11.4 - 24.3	233	17.8	11.6 - 25.1	60	15.4	4.2 - 33.2 *
Virginia	2,707	15.4	13.4 - 17.7	1,979	14.4	11.9 - 17.1	728	19.3	15.4 - 23.6
Washington	3,585	16.3	14.3 - 18.5	2,620	16.7	14.0 - 19.6	965	16.5	13.2 - 20.1
WA - Seattle	2,530	16.3	13.8 - 18.9	1,862	17.2	14.2 - 20.5	668	15.1	10.9 - 20.0
West Virginia	989	12.0	9.1 - 15.3	717	12.6	9.2 - 16.5 *	272	13.3	8.7 - 19.0 *
Wisconsin	2,512	19.2	17.0 - 21.4 *	1,751	16.1	13.8 - 18.6	761	20.0	16.2 - 24.0 *
Wyoming	241	13.3	8.0 - 20.1 *	173	12.3	6.4 - 20.3 *	68	13.8	4.6 - 27.8 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-34 Survival – Liver & Intrahepatic Bile Duct

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Pancreas

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	230,009	12.0	11.8 - 12.2	120,090	11.3	11.1 - 11.6	109,919	12.9	12.6 - 13.2
Alabama	3,561	11.5	10.0 - 13.2	1,920	12.7	10.4 - 15.2	1,641	10.5	8.5 - 12.8
Alaska	376	11.8	8.0 - 16.3	206	12.7	7.4 - 19.4 *	170	8.9	4.5 - 15.1 *
Arizona	5,252	10.2	9.0 - 11.6	2,806	9.2	7.5 - 11.2	2,446	11.2	9.4 - 13.3
Arkansas	2,133	7.8	6.2 - 9.7 *	1,180	7.0	5.0 - 9.5 *	953	8.7	6.3 - 11.5
California	24,427	10.8	10.1 - 11.4	12,678	10.1	9.2 - 10.9	11,749	11.6	10.7 - 12.6
CA - Greater California	14,598	10.1	9.4 - 11.0	7,618	9.3	8.2 - 10.4	6,980	11.0	9.9 - 12.2
CA - Greater Bay Area	4,353	13.6	12.1 - 15.2	2,285	12.9	11.0 - 15.0	2,068	15.1	12.6 - 17.7
CA - Los Angeles	5,476	10.0	8.7 - 11.4	2,775	9.6	8.0 - 11.4	2,701	10.5	8.5 - 12.7
Colorado	3,536	11.6	10.0 - 13.3	1,866	10.3	8.2 - 12.6	1,670	12.9	10.7 - 15.5
Connecticut	3,638	13.1	11.3 - 15.0	1,789	11.3	9.0 - 13.8	1,849	13.6	11.3 - 16.1
Delaware	842	11.8	8.6 - 15.6	466	10.6	7.2 - 14.8 *	376	13.2	8.6 - 18.8
Florida	18,788	13.5	12.7 - 14.3	10,101	12.5	11.5 - 13.5	8,687	14.9	13.7 - 16.1
Georgia	5,743	9.5	8.3 - 10.7	3,057	9.0	7.5 - 10.5	2,686	9.8	8.0 - 11.9
Hawaii	397	11.3	7.6 - 16.0	244	10.4	4.9 - 18.2 *	153	8.1	3.7 - 14.7 *
Idaho	1,421	8.9	6.7 - 11.5	772	7.2	4.9 - 10.0 *	649	10.2	6.8 - 14.4
Illinois	10,312	14.2	13.2 - 15.2	5,324	14.6	13.3 - 16.0	4,988	14.0	12.6 - 15.5
Iowa	3,201	9.9	8.2 - 11.8	1,631	9.1	6.9 - 11.6	1,570	8.8	6.8 - 11.0 *
Kentucky	4,123	9.2	7.9 - 10.7	2,183	8.0	6.4 - 9.8	1,940	10.5	8.3 - 13.1
Louisiana	3,268	8.3	6.8 - 9.9	1,718	7.1	5.5 - 9.0 *	1,550	9.2	7.1 - 11.7
Maine	1,548	10.0	7.7 - 12.7	780	9.1	6.6 - 12.2	768	6.2	3.8 - 9.4 *
Maryland	3,644	17.3	15.6 - 19.0	1,895	16.5	14.2 - 19.1	1,749	17.7	15.4 - 20.2
Michigan	8,749	12.9	11.8 - 14.0	4,504	11.6	10.2 - 13.1	4,245	14.6	13.0 - 16.4
MI - Detroit	3,225	10.4	8.8 - 12.2	1,637	8.8	6.9 - 10.9 *	1,588	12.1	9.5 - 15.0
Minnesota	4,455	12.3	10.8 - 13.9	2,437	12.3	10.3 - 14.5	2,018	12.7	10.5 - 15.2
Mississippi	2,117	8.8	7.1 - 10.8	1,126	8.9	6.5 - 11.8	991	8.7	6.2 - 11.7
Missouri	5,128	9.9	8.8 - 11.2	2,657	9.6	8.1 - 11.4	2,471	10.1	8.4 - 12.0
Montana	923	11.1	8.2 - 14.4	495	7.1	3.8 - 11.8 *	428	9.2	5.9 - 13.3 *
Nebraska	1,621	12.6	10.2 - 15.3	838	11.2	8.5 - 14.2 *	783	9.9	6.9 - 13.5 *
New Hampshire	1,273	10.9	8.8 - 13.2	686	11.7	9.1 - 14.8	587	9.9	6.6 - 13.9 *
New Jersey	7,944	13.3	12.1 - 14.5	3,990	12.9	11.3 - 14.6	3,954	14.2	12.5 - 16.0
New Mexico	1,517	8.6	6.6 - 10.9	791	7.7	5.2 - 10.7	726	6.4	4.3 - 9.0 *
New York	17,110	14.2	13.4 - 15.0	8,690	13.3	12.3 - 14.4	8,420	15.4	14.2 - 16.6
North Carolina	6,864	11.0	9.9 - 12.2	3,647	8.9	7.5 - 10.5	3,217	13.4	11.6 - 15.3
North Dakota	595	8.3	5.4 - 12.0 *	322	6.4	2.9 - 11.8 *	273	10.2	6.1 - 15.4 *
Ohio	9,634	10.9	10.0 - 11.9	4,858	10.1	8.8 - 11.4	4,776	11.9	10.5 - 13.4
Oklahoma	2,699	9.0	7.2 - 11.1	1,412	7.8	5.8 - 10.1 *	1,287	9.4	6.7 - 12.6
Oregon	3,680	11.5	9.9 - 13.3	1,939	10.7	8.6 - 13.0	1,741	12.5	10.2 - 15.0
Pennsylvania	13,283	12.1	11.2 - 13.1	6,870	11.2	10.0 - 12.4	6,413	13.2	11.8 - 14.7
Rhode Island	983	11.4	8.5 - 14.8 *	512	12.9	9.0 - 17.6 *	471	8.4	4.0 - 14.9 *
South Carolina	3,394	10.7	9.1 - 12.4	1,781	10.5	8.5 - 12.8	1,613	11.2	8.8 - 13.9
Tennessee	4,910	10.6	9.5 - 11.9	2,557	9.8	8.1 - 11.6	2,353	11.8	10.2 - 13.6
Texas	15,906	14.1	13.4 - 14.9	8,380	13.2	12.2 - 14.4	7,526	15.3	14.2 - 16.4
Utah	1,673	10.4	8.3 - 12.8	883	11.1	8.1 - 14.6	790	8.4	5.5 - 12.1
Vermont	635	7.9	4.9 - 11.8 *	344	7.0	3.0 - 13.2 *	291	8.3	4.5 - 13.6 *
Virginia	5,158	9.9	8.6 - 11.2	2,698	8.6	7.0 - 10.4	2,460	11.3	9.5 - 13.3
Washington	5,719	11.3	9.9 - 12.7	2,940	11.6	9.9 - 13.6	2,779	11.1	9.2 - 13.3
WA - Seattle	3,853	11.2	9.6 - 13.0	1,984	11.4	9.3 - 13.8	1,869	11.3	8.9 - 14.1
West Virginia	1,869	7.5	5.7 - 9.6	962	6.0	3.9 - 8.7	907	9.8	7.0 - 13.2
Wisconsin	5,552	13.2	11.9 - 14.6	2,949	12.4	10.6 - 14.3	2,603	14.1	12.1 - 16.2
Wyoming	408	10.8	7.0 - 15.4 *	206	12.0	6.3 - 19.6 *	202	8.8	4.7 - 14.5 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	67,570	59.9	59.3 - 60.6	53,712	60.5	59.8 - 61.3	13,858	56.9	55.6 - 58.2
Alabama	1,412	57.9	53.1 - 62.4	1,116	60.0	54.3 - 65.3	296	49.3	40.3 - 57.7
Alaska	95	48.0	33.4 - 61.2 *	83	49.8	33.9 - 63.8 *	12	-	
Arizona	1,096	56.3	51.3 - 61.1	889	57.6	52.0 - 62.9	207	47.9	38.8 - 56.4
Arkansas	849	60.4	54.1 - 66.1	660	59.7	52.2 - 66.4	189	58.4	48.3 - 67.1
California	4,803	61.3	59.1 - 63.5	4,000	61.8	59.3 - 64.3	803	57.8	52.5 - 62.7
CA - Greater California	2,964	59.3	56.4 - 62.0	2,429	60.3	57.1 - 63.3	535	53.2	47.0 - 59.0
CA - Greater Bay Area	767	63.8	57.8 - 69.3	658	63.6	56.9 - 69.5	109	63.8	49.1 - 75.3
CA - Los Angeles	1,072	63.8	58.9 - 68.3	913	62.7	57.2 - 67.7	159	66.1	55.3 - 74.9
Colorado	828	56.3	50.6 - 61.7	658	58.2	52.3 - 63.6 *	170	49.7	39.0 - 59.4
Connecticut	933	62.0	56.9 - 66.6	749	64.2	58.7 - 69.1	184	53.3	43.1 - 62.6
Delaware	248	63.4	52.6 - 72.3	182	63.7	49.9 - 74.7	66	57.0	40.4 - 70.5 *
Florida	6,277	58.7	56.7 - 60.7	5,111	58.5	56.2 - 60.6	1,166	59.5	54.8 - 63.9
Georgia	2,024	58.6	54.8 - 62.1	1,618	60.3	56.0 - 64.4	406	49.6	42.0 - 56.7
Hawaii	132	51.2	34.9 - 65.3	115	50.0	32.3 - 65.3	17	-	
Idaho	273	60.0	51.1 - 67.8 *	222	58.4	48.2 - 67.3 *	51	65.6	46.1 - 79.5 *
Illinois	3,054	61.7	58.7 - 64.6	2,414	62.7	59.2 - 65.9	640	57.8	51.8 - 63.2
Iowa	1,001	60.1	54.4 - 65.4	804	58.8	52.1 - 64.9	197	60.4	50.2 - 69.3
Kentucky	1,899	55.8	50.9 - 60.5	1,446	55.0	49.2 - 60.4	453	56.6	48.5 - 63.8
Louisiana	1,215	56.0	51.0 - 60.7	930	55.7	50.0 - 61.1	285	52.4	42.2 - 61.7
Maine	482	59.4	51.2 - 66.6	377	59.1	51.1 - 66.3 *	105	57.8	44.2 - 69.2
Maryland	954	62.9	57.7 - 67.7	735	65.4	59.3 - 70.9	219	53.0	42.4 - 62.5 *
Michigan	2,667	59.6	56.4 - 62.5	2,060	60.7	57.1 - 64.2	607	53.6	47.4 - 59.4
MI - Detroit	906	63.9	58.5 - 68.7	705	64.4	58.3 - 69.9	201	60.6	48.6 - 70.6
Minnesota	1,128	63.9	58.9 - 68.4	920	64.0	58.2 - 69.3	208	62.6	52.5 - 71.2
Mississippi	752	55.4	49.1 - 61.2	600	56.8	49.5 - 63.4	152	49.8	38.4 - 60.2 *
Missouri	1,896	59.4	55.7 - 62.9	1,494	60.7	56.5 - 64.7	402	52.0	44.0 - 59.4
Montana	251	58.2	48.9 - 66.4 *	199	59.3	48.7 - 68.5 *	52	55.4	35.2 - 71.7 *
Nebraska	443	57.4	49.3 - 64.6	347	54.4	46.2 - 62.0 *	96	69.4	53.7 - 80.7
New Hampshire	379	67.5	59.6 - 74.3	298	68.1	59.1 - 75.4	81	63.7	45.0 - 77.5
New Jersey	1,918	62.3	58.7 - 65.7	1,525	63.9	59.9 - 67.7	393	56.2	49.1 - 62.6
New Mexico	367	44.3	36.7 - 51.6	297	45.1	36.6 - 53.2	70	42.4	25.5 - 58.3 *
New York	4,380	63.2	60.9 - 65.4	3,473	63.4	60.7 - 65.9	907	60.8	55.7 - 65.5
North Carolina	2,378	58.9	55.2 - 62.3	1,837	59.4	55.2 - 63.4	541	56.3	49.2 - 62.8
North Dakota	175	64.8	52.9 - 74.4	145	67.6	53.1 - 78.5	30	-	
Ohio	3,561	60.7	57.8 - 63.5	2,752	61.3	57.9 - 64.5	809	55.6	49.5 - 61.2
Oklahoma	939	58.5	52.4 - 64.0	711	59.2	52.4 - 65.3	228	54.1	39.4 - 66.7
Oregon	754	64.6	58.9 - 69.7	606	64.2	57.9 - 69.8	148	61.0	47.6 - 72.0
Pennsylvania	3,676	60.0	57.2 - 62.7	2,882	59.4	56.1 - 62.5	794	59.9	54.5 - 64.9
Rhode Island	325	66.6	57.8 - 74.1	246	66.6	55.6 - 75.4	79	65.2	52.1 - 75.5
South Carolina	1,266	61.5	56.6 - 66.1	1,029	62.7	58.1 - 67.0 *	237	55.7	45.2 - 64.9
Tennessee	2,034	57.7	53.7 - 61.5	1,574	58.2	54.2 - 62.0	460	51.9	43.8 - 59.3
Texas	4,863	56.5	54.1 - 58.9	3,962	56.9	54.1 - 59.6	901	54.1	48.9 - 59.0
Utah	255	62.1	52.6 - 70.1	206	62.5	51.7 - 71.6	49	63.4	45.1 - 77.0 *
Vermont	215	53.8	43.3 - 63.1	169	54.0	40.7 - 65.6	46	61.2	43.4 - 74.9 *
Virginia	1,579	55.9	51.6 - 60.0	1,278	56.0	51.1 - 60.6	301	54.8	45.8 - 62.9
Washington	1,241	61.4	56.8 - 65.7	982	63.9	58.6 - 68.8	259	49.4	41.1 - 57.2
WA - Seattle	816	59.3	53.3 - 64.9	654	62.7	55.7 - 68.9	162	49.8	39.3 - 59.4 *
West Virginia	896	56.2	50.5 - 61.5	680	52.4	46.1 - 58.3	216	57.8	45.3 - 68.5
Wisconsin	1,523	61.9	57.5 - 66.0	1,227	63.7	58.7 - 68.4	296	54.1	45.3 - 62.0
Wyoming	134	51.5	37.2 - 64.1 *	104	56.0	39.5 - 69.6 *	30	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Lung & Bronchus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	1,147,319	22.0	21.8 - 22.1	603,867	18.4	18.2 - 18.5	543,452	25.9	25.7 - 26.0
Alabama	21,701	17.2	16.4 - 18.0	12,452	15.3	14.2 - 16.4	9,249	19.7	18.5 - 21.0
Alaska	1,728	18.4	15.7 - 21.2	961	15.6	12.2 - 19.4	767	21.7	18.0 - 25.6 *
Arizona	23,838	21.5	20.6 - 22.4	12,243	17.2	16.0 - 18.4	11,595	25.8	24.5 - 27.1
Arkansas	15,895	18.8	17.7 - 19.8	9,103	16.1	14.8 - 17.4	6,792	22.2	20.6 - 23.9
California	91,444	21.7	21.3 - 22.2	45,621	17.7	17.1 - 18.3	45,823	25.8	25.2 - 26.5
CA - Greater California	59,552	21.1	20.6 - 21.7	29,693	17.0	16.3 - 17.7	29,859	25.3	24.5 - 26.1
CA - Greater Bay Area	14,500	24.4	23.2 - 25.6	6,964	20.3	18.7 - 21.9	7,536	28.5	26.8 - 30.3
CA - Los Angeles	17,415	21.7	20.8 - 22.7	8,973	18.0	16.7 - 19.3	8,442	25.8	24.3 - 27.3
Colorado	13,842	25.3	24.2 - 26.4	6,850	21.7	20.1 - 23.3	6,992	28.7	27.1 - 30.3
Connecticut	16,258	26.3	25.2 - 27.4	7,924	22.3	20.8 - 23.9	8,334	30.1	28.6 - 31.7
Delaware	4,476	21.9	20.1 - 23.9	2,325	16.7	14.4 - 19.2	2,151	27.3	24.5 - 30.2
Florida	98,989	23.4	23.0 - 23.8	52,415	19.8	19.2 - 20.4	46,574	27.4	26.8 - 28.1
Georgia	33,170	20.2	19.5 - 20.9	18,426	16.9	16.0 - 17.9	14,744	24.1	23.0 - 25.2
Hawaii	1,486	18.6	15.6 - 21.9	837	13.0	9.7 - 16.8 *	649	25.8	21.0 - 30.9
Idaho	5,643	20.2	18.5 - 22.0	2,928	15.3	13.0 - 17.7	2,715	25.0	22.5 - 27.6
Illinois	52,344	23.9	23.3 - 24.5	27,095	20.7	19.9 - 21.5	25,249	27.4	26.5 - 28.3
Iowa	15,741	19.1	18.1 - 20.1	8,663	15.7	14.4 - 17.1	7,078	23.1	21.6 - 24.6
Kentucky	30,664	17.4	16.7 - 18.0	16,766	14.0	13.1 - 14.9	13,898	20.8	19.7 - 21.8
Louisiana	16,974	18.1	17.2 - 19.1	9,390	16.1	14.9 - 17.4	7,584	20.7	19.3 - 22.1
Maine	8,677	21.9	20.5 - 23.3	4,516	18.1	16.4 - 20.0	4,161	25.9	23.8 - 27.9
Maryland	17,724	25.9	24.9 - 26.9	8,776	22.4	21.0 - 23.8	8,948	29.3	27.9 - 30.7
Michigan	45,219	23.0	22.4 - 23.7	23,459	19.8	18.9 - 20.6	21,760	26.5	25.6 - 27.4
MI - Detroit	16,085	22.1	21.1 - 23.1	7,964	18.8	17.5 - 20.2	8,121	25.3	23.9 - 26.8
Minnesota	20,507	25.7	24.7 - 26.7	10,463	21.3	19.9 - 22.7	10,044	30.0	28.6 - 31.4
Mississippi	12,286	18.2	17.0 - 19.3	7,016	15.8	14.4 - 17.4	5,270	20.9	19.2 - 22.8
Missouri	31,546	19.8	19.1 - 20.5	16,858	16.7	15.8 - 17.7	14,688	23.1	22.1 - 24.2
Montana	4,467	20.0	18.0 - 22.0	2,222	15.2	12.7 - 17.9	2,245	24.6	21.7 - 27.6
Nebraska	7,776	20.8	19.3 - 22.3	4,209	17.9	15.7 - 20.1	3,567	24.3	22.1 - 26.5
New Hampshire	6,988	24.8	23.3 - 26.4	3,443	20.0	17.9 - 22.2	3,545	29.1	26.9 - 31.3
New Jersey	33,620	25.6	24.8 - 26.3	16,347	20.5	19.5 - 21.6	17,273	30.3	29.2 - 31.4
New Mexico	5,890	19.4	17.8 - 21.1	3,072	16.2	14.1 - 18.5	2,818	22.6	20.2 - 25.1
New York	76,088	26.7	26.2 - 27.1	37,723	22.2	21.5 - 22.8	38,365	31.0	30.3 - 31.7
North Carolina	41,765	21.9	21.2 - 22.5	22,755	18.8	18.0 - 19.6	19,010	25.5	24.5 - 26.4
North Dakota	2,952	23.2	20.7 - 25.7	1,634	19.9	16.8 - 23.2	1,318	26.3	23.0 - 29.7 *
Ohio	56,085	20.0	19.4 - 20.5	29,994	16.9	16.2 - 17.6	26,091	23.4	22.6 - 24.2
Oklahoma	16,558	18.0	17.0 - 19.0	9,141	15.6	14.0 - 17.3	7,417	20.3	18.9 - 21.8
Oregon	16,839	22.4	21.3 - 23.4	8,366	18.9	17.5 - 20.4	8,473	25.7	24.2 - 27.2
Pennsylvania	62,850	22.5	22.0 - 23.1	33,213	18.4	17.7 - 19.1	29,637	26.9	26.2 - 27.7
Rhode Island	5,558	23.8	22.0 - 25.5	2,695	17.3	15.1 - 19.7	2,863	29.2	26.7 - 31.7
South Carolina	20,066	20.3	19.4 - 21.2	11,097	16.5	15.3 - 17.7	8,969	24.6	23.2 - 26.0
Tennessee	33,609	19.1	18.4 - 19.7	18,565	16.5	15.6 - 17.4	15,044	22.1	21.1 - 23.1
Texas	73,828	21.1	20.6 - 21.5	40,590	18.3	17.7 - 19.0	33,238	24.4	23.7 - 25.1
Utah	4,117	21.2	19.3 - 23.1	2,253	18.5	16.1 - 21.0	1,864	24.3	21.4 - 27.3
Vermont	3,453	23.2	21.2 - 25.3	1,740	18.5	15.7 - 21.4	1,713	27.7	24.8 - 30.7
Virginia	28,118	22.1	21.4 - 22.9	14,894	18.3	17.3 - 19.3	13,224	26.3	25.1 - 27.4
Washington	26,182	22.0	21.2 - 22.8	13,300	17.8	16.8 - 19.0	12,882	26.1	24.9 - 27.4
WA - Seattle	17,489	22.2	21.2 - 23.2	8,839	18.0	16.7 - 19.4	8,650	26.4	24.9 - 27.9
West Virginia	13,448	18.3	17.3 - 19.4	7,549	15.2	13.9 - 16.6	5,899	22.0	20.4 - 23.6
Wisconsin	24,970	22.5	21.7 - 23.4	12,980	18.4	17.3 - 19.6	11,990	26.6	25.4 - 27.9
Wyoming	1,940	19.5	16.7 - 22.5	998	18.8	14.7 - 23.2	942	20.4	16.7 - 24.5

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Melanoma of the Skin**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	427,319	90.5	90.3 - 90.6	250,442	88.2	88.0 - 88.4	176,877	92.9	92.6 - 93.1
Alabama	7,557	91.3	90.1 - 92.4	4,533	89.6	87.8 - 91.1	3,024	92.8	90.7 - 94.5
Alaska	582	85.7	81.3 - 89.2	316	83.0	77.1 - 87.4	266	88.3	81.3 - 92.8
Arizona	8,745	86.4	85.0 - 87.6	5,521	84.4	82.4 - 86.2	3,224	88.3	86.4 - 89.9
Arkansas	4,029	88.0	86.0 - 89.7	2,448	86.4	83.5 - 88.8	1,581	88.2	85.3 - 90.5
California	50,285	89.9	89.4 - 90.4	30,345	87.4	86.6 - 88.1	19,940	92.9	92.3 - 93.6
CA - Greater California	31,007	88.7	88.0 - 89.3	18,781	86.2	85.3 - 87.1	12,226	91.5	90.6 - 92.4
CA - Greater Bay Area	11,288	94.1	93.2 - 94.9	6,715	91.9	90.5 - 93.1	4,573	96.6	95.5 - 97.5
CA - Los Angeles	8,008	88.2	86.9 - 89.4	4,863	85.1	83.1 - 86.9	3,145	91.9	90.0 - 93.4
Colorado	7,931	89.4	88.2 - 90.6	4,605	87.4	85.7 - 89.0	3,326	91.9	90.0 - 93.4
Connecticut	5,732	91.9	90.6 - 93.0	3,301	90.5	88.5 - 92.1	2,431	92.8	90.9 - 94.3
Delaware	2,099	92.7	90.4 - 94.6	1,246	90.7	86.9 - 93.5	853	93.4	89.7 - 95.8
Florida	34,665	88.1	87.4 - 88.7	21,814	85.0	84.0 - 86.0	12,851	92.0	91.1 - 92.8
Georgia	14,902	92.0	91.1 - 92.9	8,888	90.3	89.0 - 91.5	6,014	93.3	91.7 - 94.6
Hawaii	1,830	94.4	92.0 - 96.1	1,189	93.1	89.9 - 95.3	641	95.1	90.9 - 97.4
Idaho	2,990	90.0	88.1 - 91.6	1,729	87.8	85.0 - 90.2	1,261	90.8	87.2 - 93.4
Illinois	16,127	91.2	90.4 - 91.9	9,072	88.7	87.4 - 89.9	7,055	92.5	91.3 - 93.5
Iowa	5,638	90.7	89.1 - 92.0	3,095	87.9	85.6 - 89.8	2,543	93.4	91.1 - 95.1
Kentucky	7,955	90.5	89.1 - 91.7	4,539	87.2	85.1 - 89.0	3,416	93.6	91.7 - 95.1
Louisiana	5,253	88.9	87.2 - 90.5	3,285	87.5	85.2 - 89.5	1,968	90.1	87.2 - 92.5
Maine	2,631	92.2	89.9 - 94.0	1,475	90.2	86.5 - 93.0	1,156	93.2	89.8 - 95.4
Maryland	8,932	93.5	92.3 - 94.5	5,274	91.2	89.3 - 92.7	3,658	95.7	93.9 - 97.0
Michigan	13,457	88.3	87.3 - 89.2	7,554	85.9	84.3 - 87.2	5,903	90.7	89.2 - 91.9
MI - Detroit	4,612	88.6	86.8 - 90.2	2,596	86.6	83.8 - 89.0	2,016	90.4	87.7 - 92.5
Minnesota	10,839	94.3	93.4 - 95.1	5,996	92.3	90.9 - 93.5	4,843	96.1	94.7 - 97.1
Mississippi	3,617	89.6	87.6 - 91.3	2,157	87.7	84.8 - 90.1	1,460	90.9	87.9 - 93.2
Missouri	8,333	87.5	86.1 - 88.7	5,008	85.5	83.7 - 87.2	3,325	88.9	86.9 - 90.7
Montana	1,828	86.2	82.8 - 89.0	1,057	84.7	80.0 - 88.4	771	86.7	80.9 - 90.9
Nebraska	2,633	86.1	83.6 - 88.2	1,431	81.3	77.6 - 84.5	1,202	90.6	87.0 - 93.2
New Hampshire	2,796	93.1	91.0 - 94.8	1,541	91.2	87.6 - 93.7	1,255	94.7	91.8 - 96.6
New Jersey	13,820	91.6	90.7 - 92.4	7,959	89.7	88.3 - 90.9	5,861	93.2	92.0 - 94.3
New Mexico	2,281	86.2	83.6 - 88.4	1,391	84.5	81.0 - 87.5	890	87.4	83.6 - 90.4
New York	25,724	91.9	91.3 - 92.5	14,635	89.9	88.9 - 90.7	11,089	93.9	93.0 - 94.7
North Carolina	17,044	92.3	91.5 - 93.0	10,008	90.2	89.0 - 91.3	7,036	94.5	93.4 - 95.5
North Dakota	1,176	88.4	85.1 - 91.1	642	85.2	80.2 - 89.0	534	91.5	85.2 - 95.1
Ohio	17,029	89.2	88.3 - 90.1	9,541	86.6	85.2 - 87.9	7,488	91.0	89.7 - 92.2
Oklahoma	4,493	86.1	84.1 - 87.9	2,748	83.2	80.1 - 85.8	1,745	88.4	85.5 - 90.8
Oregon	7,929	92.8	91.6 - 93.9	4,313	90.5	88.7 - 92.1	3,616	94.8	93.3 - 96.0
Pennsylvania	21,270	89.9	89.2 - 90.6	12,225	87.5	86.3 - 88.6	9,045	91.7	90.7 - 92.6
Rhode Island	1,779	91.4	88.8 - 93.4	974	89.7	85.4 - 92.7	805	92.4	89.0 - 94.7
South Carolina	7,894	92.1	90.9 - 93.2	4,681	89.9	88.0 - 91.5	3,213	94.1	92.4 - 95.5
Tennessee	10,047	90.1	89.0 - 91.2	5,814	87.6	85.9 - 89.2	4,233	92.8	91.1 - 94.2
Texas	21,345	87.2	86.4 - 88.0	12,926	85.2	84.0 - 86.2	8,419	89.5	88.2 - 90.6
Utah	5,685	93.0	91.5 - 94.3	3,357	91.6	89.5 - 93.2	2,328	94.5	92.1 - 96.2
Vermont	1,631	93.8	91.1 - 95.7	929	91.8	87.5 - 94.7	702	93.4	88.6 - 96.2
Virginia	10,949	90.8	89.9 - 91.7	6,363	88.6	87.1 - 89.9	4,586	93.1	91.8 - 94.2
Washington	12,520	93.4	92.5 - 94.2	6,884	91.0	89.6 - 92.3	5,636	95.4	94.1 - 96.3
WA - Seattle	9,490	94.6	93.6 - 95.5	5,243	92.9	91.2 - 94.2	4,247	95.9	94.4 - 97.0
West Virginia	3,126	87.8	85.6 - 89.7	1,809	85.1	81.9 - 87.8	1,317	89.5	86.0 - 92.2
Wisconsin	9,237	90.9	89.7 - 92.0	5,276	88.7	87.0 - 90.2	3,961	93.0	91.2 - 94.4
Wyoming	954	87.8	83.2 - 91.2	548	83.5	76.8 - 88.4	406	90.6	83.4 - 94.7

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-38 Survival – Melanoma of the Skin

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Female Breast**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		1,203,066	90.2	90.1 - 90.3
Alabama	-	-		-	-		18,060	89.6	88.5 - 90.5
Alaska	-	-		-	-		2,119	87.8	83.5 - 91.0
Arizona	-	-		-	-		26,672	88.7	87.8 - 89.5
Arkansas	-	-		-	-		11,569	89.6	88.1 - 90.9
California	-	-		-	-		133,887	89.9	89.5 - 90.3
CA - Greater California	-	-		-	-		80,178	89.6	89.1 - 90.1
CA - Greater Bay Area	-	-		-	-		23,759	92.0	91.1 - 92.9
CA - Los Angeles	-	-		-	-		29,988	88.9	88.0 - 89.8
Colorado	-	-		-	-		22,088	90.6	89.5 - 91.5
Connecticut	-	-		-	-		18,832	91.4	90.4 - 92.4
Delaware	-	-		-	-		4,103	88.4	85.9 - 90.5
Florida	-	-		-	-		86,853	89.7	89.3 - 90.2
Georgia	-	-		-	-		31,531	89.4	88.5 - 90.3
Hawaii	-	-		-	-		2,038	90.1	86.2 - 93.0
Idaho	-	-		-	-		7,005	91.0	89.2 - 92.5
Illinois	-	-		-	-		53,804	90.7	90.1 - 91.3
Iowa	-	-		-	-		15,377	89.8	88.7 - 90.9
Kentucky	-	-		-	-		20,709	89.5	88.4 - 90.4
Louisiana	-	-		-	-		15,220	88.5	87.2 - 89.7
Maine	-	-		-	-		7,654	91.4	89.6 - 92.8
Maryland	-	-		-	-		20,540	91.7	90.6 - 92.6
Michigan	-	-		-	-		42,764	88.9	88.2 - 89.6
MI - Detroit	-	-		-	-		15,562	88.0	86.8 - 89.2
Minnesota	-	-		-	-		25,831	92.3	91.4 - 93.0
Mississippi	-	-		-	-		9,111	90.3	88.6 - 91.8
Missouri	-	-		-	-		27,692	89.9	89.0 - 90.8
Montana	-	-		-	-		5,037	87.1	84.8 - 89.0
Nebraska	-	-		-	-		8,481	89.2	87.5 - 90.6
New Hampshire	-	-		-	-		7,807	91.2	89.3 - 92.8
New Jersey	-	-		-	-		39,654	89.6	88.9 - 90.3
New Mexico	-	-		-	-		8,385	87.8	86.0 - 89.3
New York	-	-		-	-		82,406	90.5	90.0 - 91.0
North Carolina	-	-		-	-		39,830	91.6	90.9 - 92.3
North Dakota	-	-		-	-		3,202	91.7	89.0 - 93.8
Ohio	-	-		-	-		53,002	89.9	89.3 - 90.5
Oklahoma	-	-		-	-		14,460	89.1	87.7 - 90.3
Oregon	-	-		-	-		19,487	92.0	90.9 - 92.9
Pennsylvania	-	-		-	-		64,384	89.9	89.3 - 90.4
Rhode Island	-	-		-	-		5,568	92.5	90.4 - 94.1
South Carolina	-	-		-	-		18,564	89.9	88.7 - 91.0
Tennessee	-	-		-	-		27,338	90.3	89.3 - 91.2
Texas	-	-		-	-		86,923	90.0	89.4 - 90.5
Utah	-	-		-	-		8,979	89.3	87.7 - 90.8
Vermont	-	-		-	-		3,535	92.7	90.8 - 94.2
Virginia	-	-		-	-		30,903	90.0	89.1 - 90.8
Washington	-	-		-	-		32,166	92.8	92.1 - 93.4
WA - Seattle	-	-		-	-		22,234	92.6	91.7 - 93.4
West Virginia	-	-		-	-		9,412	89.5	88.1 - 90.8
Wisconsin	-	-		-	-		27,727	91.2	90.3 - 92.0
Wyoming	-	-		-	-		2,357	89.4	85.7 - 92.2

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		62,657	62.0	61.4 - 62.6
Alabama	-	-		-	-		1,054	54.7	50.4 - 58.8
Alaska	-	-		-	-		113	75.3	64.1 - 83.4 *
Arizona	-	-		-	-		1,332	60.2	56.4 - 63.7
Arkansas	-	-		-	-		785	57.3	51.7 - 62.5
California	-	-		-	-		7,555	60.3	58.6 - 61.9
CA - Greater California	-	-		-	-		4,389	59.1	56.9 - 61.2
CA - Greater Bay Area	-	-		-	-		1,074	66.2	61.7 - 70.4
CA - Los Angeles	-	-		-	-		2,091	59.1	55.9 - 62.3
Colorado	-	-		-	-		989	64.9	59.6 - 69.6
Connecticut	-	-		-	-		722	64.4	59.1 - 69.1
Delaware	-	-		-	-		214	51.8	43.4 - 59.6
Florida	-	-		-	-		5,041	62.2	60.2 - 64.1
Georgia	-	-		-	-		1,792	55.4	51.3 - 59.3
Hawaii	-	-		-	-		91	61.1	45.1 - 73.8 *
Idaho	-	-		-	-		304	57.3	48.4 - 65.2
Illinois	-	-		-	-		2,697	64.8	62.2 - 67.2
Iowa	-	-		-	-		707	62.1	57.2 - 66.7
Kentucky	-	-		-	-		1,280	58.9	54.9 - 62.6
Louisiana	-	-		-	-		860	61.5	56.3 - 66.2
Maine	-	-		-	-		305	70.9	64.2 - 76.5 *
Maryland	-	-		-	-		822	66.1	61.2 - 70.6
Michigan	-	-		-	-		1,935	61.9	58.7 - 64.9
MI - Detroit	-	-		-	-		695	58.8	53.9 - 63.4
Minnesota	-	-		-	-		903	67.5	62.3 - 72.1
Mississippi	-	-		-	-		546	58.7	52.6 - 64.3
Missouri	-	-		-	-		1,513	57.6	53.9 - 61.0
Montana	-	-		-	-		216	58.7	50.2 - 66.2
Nebraska	-	-		-	-		424	56.9	49.5 - 63.6
New Hampshire	-	-		-	-		232	64.4	56.6 - 71.2
New Jersey	-	-		-	-		2,017	63.8	61.0 - 66.5
New Mexico	-	-		-	-		454	61.7	54.8 - 67.9
New York	-	-		-	-		3,881	63.2	61.1 - 65.2
North Carolina	-	-		-	-		1,785	62.7	59.5 - 65.8
North Dakota	-	-		-	-		102	66.9	55.4 - 76.1 *
Ohio	-	-		-	-		2,727	58.0	55.0 - 60.9
Oklahoma	-	-		-	-		912	57.2	51.9 - 62.1
Oregon	-	-		-	-		838	64.3	59.3 - 68.8
Pennsylvania	-	-		-	-		2,906	62.9	60.3 - 65.3
Rhode Island	-	-		-	-		238	66.5	55.4 - 75.4
South Carolina	-	-		-	-		908	60.1	55.3 - 64.5
Tennessee	-	-		-	-		1,594	59.5	55.9 - 62.8
Texas	-	-		-	-		6,870	63.3	61.4 - 65.2
Utah	-	-		-	-		404	63.0	55.7 - 69.5
Vermont	-	-		-	-		106	67.6	55.7 - 76.9
Virginia	-	-		-	-		1,237	65.0	61.0 - 68.6
Washington	-	-		-	-		1,382	66.6	62.6 - 70.2
WA - Seattle	-	-		-	-		955	67.6	62.8 - 71.9
West Virginia	-	-		-	-		645	56.8	51.3 - 62.0
Wisconsin	-	-		-	-		1,082	67.0	62.6 - 71.0
Wyoming	-	-		-	-		137	48.6	37.5 - 58.8

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-40 Survival – Cervix Uteri

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		270,341	80.3	80.0 - 80.6
Alabama	-	-		-	-		3,031	78.7	75.7 - 81.4
Alaska	-	-		-	-		476	78.9	68.9 - 85.9
Arizona	-	-		-	-		5,313	79.7	77.6 - 81.6
Arkansas	-	-		-	-		2,399	78.1	74.8 - 81.1
California	-	-		-	-		28,971	78.8	78.0 - 79.6
CA - Greater California	-	-		-	-		16,637	78.7	77.5 - 79.7
CA - Greater Bay Area	-	-		-	-		5,178	80.7	78.7 - 82.5
CA - Los Angeles	-	-		-	-		7,158	76.9	74.9 - 78.7
Colorado	-	-		-	-		4,237	81.1	78.7 - 83.2
Connecticut	-	-		-	-		4,309	82.4	80.1 - 84.4
Delaware	-	-		-	-		1,010	79.4	73.6 - 84.1
Florida	-	-		-	-		17,953	78.5	77.5 - 79.5
Georgia	-	-		-	-		5,811	79.4	77.1 - 81.5
Hawaii	-	-		-	-		378	80.1	72.0 - 86.0
Idaho	-	-		-	-		1,513	74.8	70.6 - 78.4
Illinois	-	-		-	-		13,121	80.6	79.3 - 81.9
Iowa	-	-		-	-		4,105	79.1	76.7 - 81.3
Kentucky	-	-		-	-		4,537	80.2	77.9 - 82.4
Louisiana	-	-		-	-		2,465	75.3	71.7 - 78.5
Maine	-	-		-	-		2,067	82.2	78.9 - 85.1
Maryland	-	-		-	-		4,602	81.2	78.7 - 83.4
Michigan	-	-		-	-		11,067	79.6	78.2 - 81.0
MI - Detroit	-	-		-	-		3,971	80.4	78.1 - 82.4
Minnesota	-	-		-	-		6,325	82.7	80.8 - 84.4
Mississippi	-	-		-	-		1,633	77.0	72.5 - 80.9
Missouri	-	-		-	-		6,176	83.0	80.9 - 84.8
Montana	-	-		-	-		1,093	78.4	72.7 - 83.0
Nebraska	-	-		-	-		1,986	80.3	76.4 - 83.5
New Hampshire	-	-		-	-		1,958	80.5	76.6 - 83.8
New Jersey	-	-		-	-		10,302	80.0	78.5 - 81.4
New Mexico	-	-		-	-		1,752	79.3	76.0 - 82.3
New York	-	-		-	-		20,951	79.6	78.6 - 80.6
North Carolina	-	-		-	-		8,010	84.2	82.3 - 85.8
North Dakota	-	-		-	-		694	79.1	73.2 - 83.8
Ohio	-	-		-	-		13,560	81.0	79.6 - 82.4
Oklahoma	-	-		-	-		2,820	79.8	76.6 - 82.6
Oregon	-	-		-	-		4,441	81.7	79.1 - 84.1
Pennsylvania	-	-		-	-		17,426	80.6	79.4 - 81.7
Rhode Island	-	-		-	-		1,407	79.9	75.7 - 83.4
South Carolina	-	-		-	-		3,400	80.6	77.7 - 83.1
Tennessee	-	-		-	-		5,513	80.5	78.2 - 82.5
Texas	-	-		-	-		17,043	79.9	78.6 - 81.2
Utah	-	-		-	-		2,173	78.9	75.1 - 82.2
Vermont	-	-		-	-		998	80.2	74.4 - 84.8
Virginia	-	-		-	-		6,451	81.6	79.9 - 83.2
Washington	-	-		-	-		6,667	82.4	80.5 - 84.2
WA - Seattle	-	-		-	-		4,593	82.2	79.8 - 84.4
West Virginia	-	-		-	-		2,649	79.0	75.4 - 82.2
Wisconsin	-	-		-	-		7,064	81.4	79.5 - 83.1
Wyoming	-	-		-	-		484	70.8	62.2 - 77.8

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-40 Survival – Corpus & Uterus, NOS

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		116,445	44.5	44.1 - 44.9
Alabama	-	-		-	-		1,880	42.9	39.6 - 46.1
Alaska	-	-		-	-		198	50.9	39.2 - 61.5
Arizona	-	-		-	-		2,643	42.5	39.8 - 45.1
Arkansas	-	-		-	-		1,111	41.6	37.2 - 45.9
California	-	-		-	-		13,609	43.1	41.9 - 44.3
CA - Greater California	-	-		-	-		7,893	42.2	40.6 - 43.7
CA - Greater Bay Area	-	-		-	-		2,353	44.7	41.8 - 47.6
CA - Los Angeles	-	-		-	-		3,363	43.9	41.2 - 46.6
Colorado	-	-		-	-		2,012	43.9	40.6 - 47.0
Connecticut	-	-		-	-		1,766	46.4	42.9 - 49.7
Delaware	-	-		-	-		366	39.1	31.5 - 46.6
Florida	-	-		-	-		8,825	43.8	42.3 - 45.3
Georgia	-	-		-	-		3,112	42.8	40.2 - 45.3
Hawaii	-	-		-	-		168	36.5	25.7 - 47.4
Idaho	-	-		-	-		667	36.9	32.0 - 41.8
Illinois	-	-		-	-		5,031	46.4	44.5 - 48.4
Iowa	-	-		-	-		1,504	41.3	37.8 - 44.7
Kentucky	-	-		-	-		1,810	43.2	40.0 - 46.4
Louisiana	-	-		-	-		1,313	44.2	40.2 - 48.1
Maine	-	-		-	-		629	47.6	42.0 - 53.0
Maryland	-	-		-	-		1,872	47.5	44.3 - 50.7
Michigan	-	-		-	-		4,361	44.5	42.4 - 46.5
MI - Detroit	-	-		-	-		1,688	42.4	39.0 - 45.7
Minnesota	-	-		-	-		2,191	47.4	44.3 - 50.3
Mississippi	-	-		-	-		838	43.7	38.6 - 48.6
Missouri	-	-		-	-		2,366	45.0	42.1 - 47.8
Montana	-	-		-	-		456	48.5	41.5 - 55.1
Nebraska	-	-		-	-		766	48.1	42.7 - 53.3
New Hampshire	-	-		-	-		628	47.4	41.6 - 52.9
New Jersey	-	-		-	-		3,950	46.4	44.2 - 48.6
New Mexico	-	-		-	-		858	35.1	30.6 - 39.6
New York	-	-		-	-		8,346	46.6	45.1 - 48.1
North Carolina	-	-		-	-		3,626	48.1	45.6 - 50.4
North Dakota	-	-		-	-		275	51.5	43.0 - 59.3
Ohio	-	-		-	-		5,108	45.1	43.1 - 47.1
Oklahoma	-	-		-	-		1,430	44.3	40.6 - 48.0
Oregon	-	-		-	-		1,839	40.2	37.0 - 43.3
Pennsylvania	-	-		-	-		6,439	43.7	41.9 - 45.4
Rhode Island	-	-		-	-		474	48.4	41.5 - 55.0
South Carolina	-	-		-	-		1,516	45.1	41.3 - 48.9
Tennessee	-	-		-	-		2,635	41.6	38.8 - 44.3
Texas	-	-		-	-		8,598	43.7	42.1 - 45.3
Utah	-	-		-	-		944	40.3	35.9 - 44.6
Vermont	-	-		-	-		324	48.7	41.6 - 55.4
Virginia	-	-		-	-		2,898	43.6	41.1 - 46.1
Washington	-	-		-	-		3,007	45.4	42.7 - 48.0
WA - Seattle	-	-		-	-		2,105	45.2	42.0 - 48.5
West Virginia	-	-		-	-		1,055	38.7	34.2 - 43.1
Wisconsin	-	-		-	-		2,746	47.5	44.8 - 50.1
Wyoming	-	-		-	-		255	47.1	38.0 - 55.7

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-42 Survival – Ovary

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Prostate

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		1,019,539	96.1	96.0 - 96.2	-	-	
Alabama	-	-		16,091	95.3	94.4 - 96.1	-	-	
Alaska	-	-		1,844	93.8	90.1 - 96.2	-	-	
Arizona	-	-		19,113	91.5	90.5 - 92.4	-	-	
Arkansas	-	-		11,459	96.9	95.0 - 98.1	-	-	
California	-	-		107,062	94.1	93.7 - 94.5	-	-	
CA - Greater California	-	-		63,906	93.2	92.6 - 93.7	-	-	
CA - Greater Bay Area	-	-		20,803	96.6	95.8 - 97.2	-	-	
CA - Los Angeles	-	-		22,350	93.9	93.0 - 94.7	-	-	
Colorado	-	-		17,342	94.7	93.6 - 95.7	-	-	
Connecticut	-	-		14,903	94.6	93.5 - 95.6	-	-	
Delaware	-	-		3,975	95.5	93.6 - 96.9	-	-	
Florida	-	-		78,207	95.7	95.2 - 96.1	-	-	
Georgia	-	-		26,856	95.9	94.9 - 96.7	-	-	
Hawaii	-	-		1,667	91.8	88.1 - 94.4	-	-	
Idaho	-	-		6,872	94.2	92.5 - 95.5	-	-	
Illinois	-	-		44,299	96.5	95.9 - 97.0	-	-	
Iowa	-	-		13,726	95.0	93.8 - 96.0	-	-	
Kentucky	-	-		16,627	95.1	93.9 - 96.0	-	-	
Louisiana	-	-		15,743	98.0	96.6 - 98.8	-	-	
Maine	-	-		6,118	94.8	92.7 - 96.3	-	-	
Maryland	-	-		17,147	96.5	95.4 - 97.3	-	-	
Michigan	-	-		40,922	96.3	95.8 - 96.8	-	-	
MI - Detroit	-	-		15,260	98.0	97.1 - 98.6	-	-	
Minnesota	-	-		23,459	95.9	94.9 - 96.7	-	-	
Mississippi	-	-		8,900	97.8	95.4 - 99.0	-	-	
Missouri	-	-		21,131	95.4	94.6 - 96.1	-	-	
Montana	-	-		5,177	93.9	91.3 - 95.7	-	-	
Nebraska	-	-		7,691	95.0	93.2 - 96.4	-	-	
New Hampshire	-	-		6,962	96.0	94.2 - 97.2	-	-	
New Jersey	-	-		36,415	97.3	96.7 - 97.8	-	-	
New Mexico	-	-		6,813	90.4	88.5 - 92.0	-	-	
New York	-	-		74,174	96.1	95.6 - 96.4	-	-	
North Carolina	-	-		33,294	97.1	96.4 - 97.7	-	-	
North Dakota	-	-		3,404	97.2	95.0 - 98.5	-	-	
Ohio	-	-		42,227	96.2	95.5 - 96.8	-	-	
Oklahoma	-	-		12,380	96.4	95.3 - 97.2	-	-	
Oregon	-	-		15,681	95.2	94.3 - 96.0	-	-	
Pennsylvania	-	-		52,150	96.1	95.5 - 96.6	-	-	
Rhode Island	-	-		4,030	95.7	93.4 - 97.2	-	-	
South Carolina	-	-		15,438	95.4	94.1 - 96.4	-	-	
Tennessee	-	-		24,443	98.1	97.3 - 98.7	-	-	
Texas	-	-		67,720	94.5	93.9 - 95.0	-	-	
Utah	-	-		10,114	95.5	94.2 - 96.5	-	-	
Vermont	-	-		2,743	94.1	90.3 - 96.4	-	-	
Virginia	-	-		22,647	96.2	95.4 - 96.8	-	-	
Washington	-	-		26,933	96.6	95.8 - 97.3	-	-	
WA - Seattle	-	-		19,094	96.5	95.5 - 97.3	-	-	
West Virginia	-	-		8,127	97.0	95.6 - 97.9	-	-	
Wisconsin	-	-		24,957	95.9	95.1 - 96.6	-	-	
Wyoming	-	-		2,556	96.1	93.2 - 97.8	-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		49,016	92.6	91.7 - 93.5	-	-	
Alabama	-	-		590	87.7	80.0 - 92.6	-	-	
Alaska	-	-		123	91.1	82.6 - 95.6 *	-	-	
Arizona	-	-		1,034	84.4	76.6 - 89.8	-	-	
Arkansas	-	-		424	83.7	78.6 - 87.7	-	-	
California	-	-		6,841	89.7	86.7 - 92.0	-	-	
CA - Greater California	-	-		3,893	88.9	85.1 - 91.8	-	-	
CA - Greater Bay Area	-	-		1,244	95.1	93.2 - 96.5 *	-	-	
CA - Los Angeles	-	-		1,704	90.0	82.9 - 94.2	-	-	
Colorado	-	-		981	95.9	94.0 - 97.2 *	-	-	
Connecticut	-	-		666	93.3	81.8 - 97.6	-	-	
Delaware	-	-		149	93.0	86.4 - 96.4 *	-	-	
Florida	-	-		2,575	86.6	82.2 - 89.9	-	-	
Georgia	-	-		1,187	90.6	85.4 - 94.0	-	-	
Hawaii	-	-		118	98.4	92.0 - 99.7 *	-	-	
Idaho	-	-		331	96.4	91.4 - 98.5 *	-	-	
Illinois	-	-		2,316	93.9	90.0 - 96.4	-	-	
Iowa	-	-		639	95.3	92.9 - 96.9 *	-	-	
Kentucky	-	-		757	94.2	91.6 - 96.0 *	-	-	
Louisiana	-	-		606	91.2	69.3 - 97.7	-	-	
Maine	-	-		267	82.9	71.8 - 90.0	-	-	
Maryland	-	-		724	90.3	83.1 - 94.5	-	-	
Michigan	-	-		1,700	90.5	80.6 - 95.5	-	-	
MI - Detroit	-	-		620	93.8	90.1 - 96.2 *	-	-	
Minnesota	-	-		1,183	96.6	91.4 - 98.6	-	-	
Mississippi	-	-		297	82.8	77.1 - 87.2	-	-	
Missouri	-	-		957	88.5	80.3 - 93.4	-	-	
Montana	-	-		212	96.5	91.7 - 98.5 *	-	-	
Nebraska	-	-		408	94.9	91.3 - 97.0 *	-	-	
New Hampshire	-	-		295	96.0	91.7 - 98.1 *	-	-	
New Jersey	-	-		1,541	93.1	87.7 - 96.2	-	-	
New Mexico	-	-		365	94.4	90.5 - 96.8 *	-	-	
New York	-	-		3,469	94.2	91.3 - 96.1	-	-	
North Carolina	-	-		1,400	89.7	83.6 - 93.7	-	-	
North Dakota	-	-		151	95.5	89.6 - 98.1 *	-	-	
Ohio	-	-		1,969	91.5	86.6 - 94.6	-	-	
Oklahoma	-	-		536	92.2	88.5 - 94.8 *	-	-	
Oregon	-	-		812	97.9	95.9 - 98.9 *	-	-	
Pennsylvania	-	-		2,528	91.5	87.6 - 94.2	-	-	
Rhode Island	-	-		216	96.0	91.3 - 98.2 *	-	-	
South Carolina	-	-		585	95.7	93.0 - 97.4 *	-	-	
Tennessee	-	-		961	95.4	93.2 - 96.9 *	-	-	
Texas	-	-		4,159	87.5	83.8 - 90.5	-	-	
Utah	-	-		632	96.0	89.0 - 98.6	-	-	
Vermont	-	-		132	95.7	88.1 - 98.5 *	-	-	
Virginia	-	-		1,036	95.8	93.8 - 97.2 *	-	-	
Washington	-	-		1,443	94.6	89.7 - 97.2	-	-	
WA - Seattle	-	-		1,050	95.0	88.7 - 97.8	-	-	
West Virginia	-	-		334	84.7	68.5 - 93.0	-	-	
Wisconsin	-	-		1,236	94.1	88.0 - 97.2	-	-	
Wyoming	-	-		131	97.0	83.7 - 99.5 *	-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-44 Survival – Testis

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Urinary Bladder (incl. in situ)**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	414,890	77.2	77.0 - 77.4	317,620	78.0	77.7 - 78.2	97,270	74.9	74.5 - 75.3
Alabama	6,207	75.1	73.0 - 77.0	4,850	75.9	73.6 - 78.1	1,357	71.4	66.9 - 75.3
Alaska	729	75.9	69.6 - 81.0	567	75.6	67.4 - 81.9	162	73.9	64.1 - 81.4
Arizona	9,436	76.1	74.5 - 77.6	7,323	75.9	74.0 - 77.7	2,113	75.9	73.1 - 78.5
Arkansas	4,232	75.3	73.0 - 77.5	3,363	75.6	72.9 - 78.1	869	73.8	68.9 - 78.0
California	39,344	76.6	75.9 - 77.4	30,345	77.4	76.6 - 78.2	8,999	73.9	72.5 - 75.3
CA - Greater California	24,119	75.2	74.2 - 76.1	18,651	75.9	74.8 - 77.0	5,468	72.9	71.0 - 74.6
CA - Greater Bay Area	7,025	80.3	78.6 - 81.9	5,345	80.6	78.6 - 82.4	1,680	79.1	75.9 - 81.8
CA - Los Angeles	8,219	77.5	75.9 - 79.0	6,364	79.0	77.2 - 80.7	1,855	72.2	68.9 - 75.3
Colorado	6,143	77.6	75.7 - 79.4	4,738	78.3	76.1 - 80.3	1,405	75.2	71.4 - 78.6
Connecticut	7,491	76.5	74.8 - 78.1	5,583	76.9	74.9 - 78.8	1,908	74.8	71.5 - 77.8
Delaware	1,667	78.4	74.6 - 81.8	1,281	79.3	74.3 - 83.4	386	72.7	65.6 - 78.5
Florida	34,998	75.8	75.0 - 76.6	27,146	76.3	75.3 - 77.2	7,852	74.4	72.8 - 75.9
Georgia	9,903	74.8	73.3 - 76.3	7,700	76.7	74.8 - 78.4	2,203	68.7	65.6 - 71.5
Hawaii	711	67.8	61.7 - 73.2	586	66.0	59.1 - 72.0	125	73.4	60.3 - 82.7 *
Idaho	2,481	79.9	77.0 - 82.5	1,950	79.5	76.1 - 82.5	531	80.5	74.6 - 85.1
Illinois	18,653	79.0	78.0 - 80.0	14,085	79.9	78.6 - 81.0	4,568	76.7	74.7 - 78.6
Iowa	5,514	75.8	73.7 - 77.7	4,303	76.5	74.0 - 78.8	1,211	73.0	69.1 - 76.5
Kentucky	7,353	76.1	74.2 - 77.9	5,567	77.3	75.0 - 79.4	1,786	72.5	69.0 - 75.7
Louisiana	5,239	77.7	75.6 - 79.8	4,096	78.0	75.4 - 80.3	1,143	75.8	71.4 - 79.6
Maine	3,348	77.0	74.5 - 79.3	2,520	77.2	74.2 - 79.9	828	75.7	70.8 - 79.9
Maryland	7,225	79.3	77.6 - 80.9	5,504	80.4	78.4 - 82.2	1,721	75.2	71.8 - 78.3
Michigan	16,656	77.4	76.2 - 78.5	12,589	78.0	76.7 - 79.3	4,067	75.1	73.0 - 77.2
MI - Detroit	6,115	77.6	75.7 - 79.4	4,615	78.5	76.2 - 80.5	1,500	74.7	71.1 - 78.0
Minnesota	8,693	80.9	79.3 - 82.3	6,620	81.7	79.9 - 83.3	2,073	78.4	75.4 - 81.1
Mississippi	3,189	75.5	72.5 - 78.2	2,483	76.3	72.9 - 79.4	706	71.9	66.2 - 76.8
Missouri	8,909	75.9	74.3 - 77.5	6,832	77.1	75.2 - 78.9	2,077	71.9	68.9 - 74.7
Montana	1,880	72.9	69.1 - 76.4	1,444	73.1	68.4 - 77.2	436	70.8	63.4 - 77.0
Nebraska	2,886	77.8	74.9 - 80.3	2,215	78.6	75.4 - 81.4	671	73.6	67.5 - 78.7
New Hampshire	3,051	82.0	79.5 - 84.2	2,316	82.6	79.7 - 85.2	735	79.7	74.7 - 83.9
New Jersey	14,842	77.6	76.4 - 78.8	11,040	78.5	77.0 - 79.8	3,802	75.2	72.8 - 77.5
New Mexico	2,262	74.1	70.9 - 77.1	1,763	75.1	71.5 - 78.4	499	69.9	63.5 - 75.4
New York	32,271	79.4	78.7 - 80.2	24,080	80.3	79.4 - 81.2	8,191	77.0	75.5 - 78.4
North Carolina	13,176	77.7	76.3 - 78.9	10,080	78.1	76.5 - 79.5	3,096	76.2	73.7 - 78.5
North Dakota	1,153	75.7	71.1 - 79.7	914	75.1	69.5 - 79.8	239	70.7	60.5 - 78.8 *
Ohio	19,034	76.1	74.9 - 77.1	14,565	76.7	75.4 - 78.0	4,469	73.9	71.8 - 75.9
Oklahoma	4,955	74.2	72.0 - 76.2	3,868	74.3	71.7 - 76.6	1,087	73.2	69.0 - 77.0
Oregon	6,572	79.5	77.5 - 81.2	5,067	80.7	78.5 - 82.7	1,505	74.8	71.1 - 78.2
Pennsylvania	26,023	78.2	77.3 - 79.1	19,680	79.0	77.9 - 80.0	6,343	75.7	74.0 - 77.4
Rhode Island	2,226	81.2	78.1 - 83.9	1,629	82.2	78.6 - 85.2	597	76.8	71.5 - 81.2
South Carolina	6,348	75.7	73.7 - 77.6	4,904	77.7	75.3 - 79.8	1,444	69.4	65.5 - 73.0
Tennessee	9,110	75.7	74.0 - 77.2	7,035	76.6	74.7 - 78.4	2,075	72.3	69.1 - 75.3
Texas	22,786	75.8	74.8 - 76.8	17,767	76.5	75.3 - 77.6	5,019	73.6	71.6 - 75.4
Utah	2,456	73.9	70.9 - 76.7	1,988	74.2	70.8 - 77.2	468	72.9	66.0 - 78.6
Vermont	1,252	75.9	71.2 - 80.0	942	77.3	71.8 - 81.8	310	66.7	60.0 - 72.5
Virginia	9,180	76.6	75.0 - 78.0	6,971	76.8	75.0 - 78.6	2,209	75.0	72.1 - 77.7
Washington	10,197	77.5	76.1 - 78.8	7,822	78.2	76.5 - 79.7	2,375	74.8	72.0 - 77.3
WA - Seattle	6,997	77.5	75.8 - 79.1	5,377	78.3	76.2 - 80.2	1,620	74.5	71.3 - 77.4
West Virginia	3,818	75.1	72.5 - 77.5	2,874	76.1	73.3 - 78.7	944	70.4	65.7 - 74.7
Wisconsin	10,360	79.2	77.7 - 80.5	7,904	80.0	78.3 - 81.6	2,456	76.7	73.9 - 79.2
Wyoming	931	77.4	72.8 - 81.4	721	78.6	73.0 - 83.1	210	71.2	61.2 - 79.1 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	301,803	72.0	71.7 - 72.3	190,403	71.4	71.0 - 71.8	111,400	73.2	72.8 - 73.6
Alabama	4,996	73.9	71.8 - 75.9	3,108	72.4	69.5 - 75.0	1,888	76.1	73.0 - 78.9
Alaska	559	65.8	57.3 - 73.1	373	61.8	52.6 - 69.7	186	67.6	50.6 - 79.8
Arizona	7,008	73.7	72.0 - 75.4	4,397	72.3	70.0 - 74.5	2,611	75.9	73.3 - 78.3
Arkansas	3,525	70.9	68.1 - 73.4	2,235	69.3	65.6 - 72.7	1,290	72.3	67.8 - 76.3
California	31,066	70.9	70.0 - 71.7	19,921	70.6	69.6 - 71.7	11,145	71.5	70.2 - 72.8
CA - Greater California	19,166	70.2	69.1 - 71.2	12,232	69.7	68.4 - 71.1	6,934	71.0	69.3 - 72.6
CA - Greater Bay Area	4,981	72.6	70.5 - 74.6	3,239	73.2	70.5 - 75.7	1,742	72.0	68.7 - 75.0
CA - Los Angeles	6,922	71.5	69.7 - 73.3	4,453	70.9	68.5 - 73.2	2,469	72.7	69.8 - 75.4
Colorado	4,594	71.1	68.9 - 73.1	2,845	70.7	67.7 - 73.5	1,749	71.6	68.3 - 74.6
Connecticut	3,882	74.4	72.0 - 76.7	2,534	74.1	70.8 - 77.1	1,348	74.7	71.1 - 77.9
Delaware	1,021	72.2	67.1 - 76.7	661	74.6	67.8 - 80.2	360	66.2	58.1 - 73.1
Florida	21,233	71.3	70.4 - 72.3	13,698	70.9	69.6 - 72.1	7,535	72.1	70.6 - 73.5
Georgia	7,605	69.7	67.7 - 71.5	4,816	67.4	64.7 - 69.9	2,789	73.3	70.5 - 76.0
Hawaii	476	73.5	65.9 - 79.7	350	72.1	62.9 - 79.5	126	75.6	61.1 - 85.3
Idaho	1,746	70.0	66.2 - 73.5	1,096	69.9	65.5 - 73.8	650	69.8	63.6 - 75.1
Illinois	13,842	72.7	71.5 - 73.9	8,556	72.6	70.8 - 74.2	5,286	73.2	71.3 - 75.0
Iowa	4,244	68.1	65.9 - 70.3	2,697	65.4	62.5 - 68.2	1,547	71.8	68.3 - 74.9
Kentucky	6,281	70.1	68.0 - 72.1	3,864	68.1	65.4 - 70.6	2,417	72.2	69.0 - 75.2
Louisiana	5,323	71.5	69.1 - 73.7	3,277	71.5	68.4 - 74.4	2,046	71.5	68.0 - 74.6
Maine	1,864	68.2	64.5 - 71.6	1,153	65.5	60.6 - 69.9	711	72.4	66.7 - 77.4
Maryland	4,432	73.4	71.1 - 75.5	2,826	71.6	68.6 - 74.3	1,606	76.3	72.7 - 79.5
Michigan	10,717	71.9	70.4 - 73.3	6,750	71.8	69.9 - 73.7	3,967	72.2	70.0 - 74.3
MI - Detroit	3,897	72.7	70.3 - 74.9	2,460	72.5	69.4 - 75.3	1,437	73.1	69.3 - 76.5
Minnesota	5,944	75.3	73.2 - 77.2	3,843	73.9	71.1 - 76.5	2,101	77.1	74.2 - 79.7
Mississippi	2,992	72.5	69.2 - 75.5	1,855	70.9	66.8 - 74.6	1,137	74.8	69.5 - 79.3
Missouri	7,352	69.7	67.8 - 71.4	4,514	69.3	66.9 - 71.6	2,838	70.3	67.6 - 72.9
Montana	1,123	69.6	64.2 - 74.5	724	70.7	64.0 - 76.3	399	66.5	56.5 - 74.7
Nebraska	2,227	67.1	63.8 - 70.1	1,434	65.5	61.0 - 69.6	793	70.5	65.5 - 74.9
New Hampshire	1,611	73.9	69.7 - 77.7	1,025	72.4	66.2 - 77.7	586	76.1	70.2 - 80.9
New Jersey	9,034	75.5	73.9 - 77.0	5,781	75.4	73.3 - 77.3	3,253	76.1	73.6 - 78.4
New Mexico	1,887	65.8	62.1 - 69.3	1,165	64.4	59.5 - 68.9	722	65.9	60.1 - 71.2
New York	19,835	74.8	73.7 - 75.8	12,629	74.5	73.1 - 75.8	7,206	75.2	73.7 - 76.7
North Carolina	9,539	72.3	70.7 - 73.9	6,019	72.0	69.8 - 74.1	3,520	72.9	70.4 - 75.3
North Dakota	833	71.4	66.8 - 75.5	518	69.3	63.2 - 74.7	315	73.8	66.9 - 79.5
Ohio	13,382	72.8	71.5 - 74.1	8,206	72.0	70.1 - 73.8	5,176	74.1	72.2 - 76.0
Oklahoma	4,152	67.2	64.6 - 69.7	2,554	65.8	62.3 - 69.0	1,598	69.3	65.3 - 72.9
Oregon	4,433	73.3	71.0 - 75.5	2,823	72.2	69.2 - 74.9	1,610	74.1	70.4 - 77.4
Pennsylvania	15,670	72.7	71.5 - 73.9	9,797	72.9	71.3 - 74.5	5,873	72.9	71.1 - 74.6
Rhode Island	1,258	76.5	72.5 - 80.0	782	73.8	67.4 - 79.2	476	80.2	74.7 - 84.6
South Carolina	4,567	69.5	67.0 - 71.9	2,917	67.5	64.3 - 70.5	1,650	72.0	68.1 - 75.5
Tennessee	7,459	73.7	71.7 - 75.5	4,715	72.7	70.3 - 75.0	2,744	75.0	72.0 - 77.7
Texas	26,977	71.1	70.1 - 72.0	16,667	70.1	68.8 - 71.4	10,310	72.6	71.1 - 74.0
Utah	2,059	64.8	61.3 - 68.0	1,307	62.5	57.9 - 66.8	752	68.3	63.0 - 73.1
Vermont	756	71.4	65.7 - 76.3	494	71.6	64.0 - 78.0	262	69.7	60.5 - 77.1
Virginia	6,546	73.5	71.6 - 75.4	4,206	73.5	71.2 - 75.7	2,340	73.8	70.9 - 76.5
Washington	7,011	70.1	68.2 - 71.9	4,497	69.2	66.7 - 71.5	2,514	71.7	68.8 - 74.3
WA - Seattle	4,775	70.5	68.2 - 72.6	3,086	69.9	66.9 - 72.8	1,689	71.7	68.1 - 75.0
West Virginia	2,926	70.2	67.2 - 73.0	1,753	69.3	64.6 - 73.5	1,173	70.6	66.2 - 74.5
Wisconsin	7,234	72.0	70.1 - 73.7	4,636	72.0	69.5 - 74.3	2,598	72.5	69.8 - 75.1
Wyoming	582	71.6	63.8 - 77.9	385	69.2	58.8 - 77.5	197	71.8	61.1 - 80.0

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-46 Survival – Kidney & Renal Pelvis

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Brain & Other Nervous System (invasive)**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	111,947	30.4	30.1 - 30.7	62,815	28.7	28.3 - 29.1	49,132	32.7	32.2 - 33.2
Alabama	1,773	28.7	26.2 - 31.3	975	27.6	24.2 - 31.0	798	29.6	25.8 - 33.4
Alaska	242	31.7	24.5 - 39.1 *	149	29.5	20.9 - 38.7 *	93	29.6	20.4 - 39.4
Arizona	2,587	31.2	29.1 - 33.2	1,428	29.6	26.9 - 32.3	1,159	32.6	29.6 - 35.6
Arkansas	1,156	30.7	27.5 - 34.0	656	32.0	28.0 - 36.0	500	29.1	24.0 - 34.3
California	12,381	29.6	28.7 - 30.6	6,993	27.8	26.6 - 29.1	5,388	32.1	30.6 - 33.7
CA - Greater California	7,447	29.7	28.4 - 30.9	4,190	27.6	26.0 - 29.3	3,257	32.5	30.6 - 34.5
CA - Greater Bay Area	2,237	29.5	27.3 - 31.8	1,280	27.4	24.5 - 30.4	957	32.8	29.4 - 36.2
CA - Los Angeles	2,697	29.8	27.6 - 32.0	1,524	28.6	25.9 - 31.3	1,173	31.1	27.7 - 34.7
Colorado	1,995	32.1	29.9 - 34.4	1,157	31.2	28.2 - 34.2	838	33.3	29.8 - 36.7
Connecticut	1,611	29.7	26.9 - 32.7	914	27.9	24.1 - 31.8	697	32.5	28.5 - 36.6
Delaware	351	23.6	18.2 - 29.4 *	176	24.8	17.3 - 33.0	175	26.8	18.7 - 35.7 *
Florida	8,246	30.9	29.6 - 32.1	4,623	28.7	27.1 - 30.4	3,623	33.7	31.8 - 35.6
Georgia	3,017	27.9	25.9 - 29.9	1,738	26.0	23.5 - 28.6	1,279	30.4	27.3 - 33.6
Hawaii	168	24.5	17.0 - 32.6 *	95	29.6	19.6 - 40.2 *	73	17.6	8.2 - 29.9 *
Idaho	690	26.9	22.8 - 31.1	429	22.3	17.5 - 27.5	261	34.1	27.1 - 41.3
Illinois	4,781	31.6	30.1 - 33.1	2,666	29.9	27.9 - 31.9	2,115	33.8	31.4 - 36.1
Iowa	1,478	27.9	25.2 - 30.6	813	20.3	16.9 - 24.0 *	665	32.0	28.1 - 36.1
Kentucky	2,126	28.7	26.4 - 31.0	1,174	27.0	24.1 - 30.1	952	24.7	21.3 - 28.3 *
Louisiana	1,385	29.2	26.4 - 32.0	783	24.2	20.6 - 28.0	602	35.5	31.4 - 39.5
Maine	746	30.8	26.8 - 34.8	421	24.2	19.2 - 29.6 *	325	33.5	27.6 - 39.6
Maryland	1,795	32.5	30.1 - 35.0	1,002	28.7	25.4 - 32.0	793	37.3	33.5 - 41.1
Michigan	3,987	31.1	29.4 - 32.9	2,270	30.0	27.6 - 32.4	1,717	32.2	29.6 - 34.9
MI - Detroit	1,358	29.9	27.0 - 32.9	764	27.9	23.9 - 32.1	594	32.2	28.1 - 36.4
Minnesota	2,287	28.1	25.9 - 30.3	1,306	25.7	22.9 - 28.6	981	31.3	27.9 - 34.8
Mississippi	950	27.4	24.0 - 30.9	519	22.7	18.4 - 27.2 *	431	25.6	20.3 - 31.3
Missouri	2,521	31.6	29.6 - 33.7	1,393	28.2	25.5 - 31.0	1,128	35.7	32.6 - 38.7
Montana	526	27.5	23.0 - 32.3	310	23.7	18.2 - 29.6	216	33.7	27.2 - 40.3
Nebraska	818	23.3	19.9 - 26.9 *	464	24.6	20.0 - 29.5 *	354	21.5	16.6 - 26.8 *
New Hampshire	679	29.0	25.1 - 33.0	385	23.2	18.0 - 28.7 *	294	24.5	18.2 - 31.3 *
New Jersey	3,604	32.8	31.0 - 34.6	2,026	30.0	27.6 - 32.4	1,578	36.6	34.0 - 39.1
New Mexico	678	22.7	18.5 - 27.2 *	381	20.3	14.7 - 26.5 *	297	25.8	19.5 - 32.5 *
New York	7,298	32.3	31.0 - 33.5	4,019	30.8	29.1 - 32.5	3,279	34.1	32.1 - 36.0
North Carolina	3,590	28.5	26.7 - 30.3	1,975	27.4	25.1 - 29.8	1,615	22.9	20.4 - 25.6 *
North Dakota	290	21.2	15.5 - 27.5 *	161	17.5	10.6 - 25.8 *	129	25.5	16.8 - 35.2 *
Ohio	4,756	28.8	27.2 - 30.4	2,722	27.0	25.0 - 29.1	2,034	31.3	28.8 - 33.9
Oklahoma	1,412	28.1	25.3 - 31.1	770	23.9	20.1 - 27.8	642	32.9	28.6 - 37.3
Oregon	1,900	27.4	25.0 - 29.8	1,087	25.6	22.4 - 28.9	813	29.5	26.1 - 33.0
Pennsylvania	5,807	30.7	29.2 - 32.1	3,202	29.5	27.6 - 31.4	2,605	32.3	30.1 - 34.5
Rhode Island	442	22.5	17.3 - 28.2	228	22.0	15.2 - 29.8	214	19.8	12.8 - 27.9 *
South Carolina	1,777	26.7	24.0 - 29.5	1,011	23.6	20.0 - 27.3	766	30.8	27.0 - 34.7
Tennessee	2,584	28.6	26.6 - 30.6	1,425	27.0	24.4 - 29.7	1,159	30.5	27.5 - 33.6
Texas	8,465	34.0	32.8 - 35.2	4,767	32.7	31.2 - 34.3	3,698	35.6	33.8 - 37.4
Utah	1,016	31.4	28.2 - 34.6	594	32.2	28.2 - 36.3	422	29.8	24.9 - 34.9
Vermont	346	24.1	19.0 - 29.6 *	196	24.5	17.9 - 31.7 *	150	23.5	15.7 - 32.1 *
Virginia	2,703	29.5	27.6 - 31.4	1,456	28.6	26.0 - 31.2	1,247	30.5	27.9 - 33.3
Washington	3,111	31.4	29.5 - 33.3	1,787	29.4	26.8 - 32.0	1,324	33.9	31.1 - 36.7
WA - Seattle	2,148	33.8	31.6 - 36.1	1,221	32.1	29.0 - 35.1	927	36.4	33.2 - 39.6
West Virginia	913	28.6	25.2 - 32.2	505	27.7	23.5 - 32.1	408	30.1	24.6 - 35.7
Wisconsin	2,677	28.2	26.2 - 30.3	1,512	26.5	23.8 - 29.3	1,165	30.8	27.6 - 34.0
Wyoming	282	24.3	17.9 - 31.3 *	152	20.6	12.7 - 29.9 *	130	28.6	18.9 - 39.0 *

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	214,867	91.9	91.7 - 92.1	70,402	90.2	89.8 - 90.6	144,465	92.7	92.4 - 92.9
Alabama	2,168	91.7	89.4 - 93.5	739	88.9	83.7 - 92.5	1,429	92.3	89.7 - 94.3
Alaska	409	91.4	86.3 - 94.6	144	84.6	69.1 - 92.7	265	91.5	86.2 - 94.9
Arizona	4,815	91.4	90.1 - 92.6	1,549	88.5	85.9 - 90.6	3,266	92.6	91.1 - 93.8
Arkansas	1,794	91.1	88.7 - 92.9	634	88.2	83.8 - 91.5	1,160	91.8	89.1 - 93.8
California	23,058	91.1	90.4 - 91.7	7,481	88.1	86.9 - 89.2	15,577	92.4	91.6 - 93.0
CA - Greater California	13,915	89.9	89.1 - 90.7	4,558	86.7	85.1 - 88.2	9,357	91.3	90.3 - 92.2
CA - Greater Bay Area	4,179	93.5	92.1 - 94.6	1,371	90.4	87.7 - 92.6	2,808	94.5	92.9 - 95.8
CA - Los Angeles	4,966	91.9	90.5 - 93.2	1,552	88.4	85.8 - 90.6	3,414	93.0	91.3 - 94.3
Colorado	5,118	91.8	90.5 - 93.0	1,608	89.2	86.5 - 91.5	3,510	92.7	91.2 - 93.9
Connecticut	2,485	90.6	88.5 - 92.3	845	87.2	82.8 - 90.5	1,640	92.0	89.7 - 93.8
Delaware	531	89.4	84.5 - 92.8	188	86.6	77.9 - 92.0	343	90.0	83.3 - 94.1
Florida	17,663	90.0	89.3 - 90.6	5,754	87.3	85.9 - 88.6	11,909	91.2	90.3 - 91.9
Georgia	5,503	90.3	88.8 - 91.6	1,842	87.9	85.2 - 90.2	3,661	91.1	89.3 - 92.7
Hawaii	272	83.4	76.3 - 88.5	103	80.8	71.2 - 87.5	169	83.7	74.2 - 89.9
Idaho	1,198	91.1	88.1 - 93.4	401	87.6	81.7 - 91.7	797	92.3	89.0 - 94.6
Illinois	9,782	93.1	92.2 - 93.9	3,180	92.1	90.3 - 93.5	6,602	93.4	92.3 - 94.3
Iowa	3,001	91.5	89.6 - 93.0	978	90.0	86.9 - 92.4	2,023	91.8	89.5 - 93.6
Kentucky	4,554	91.3	89.8 - 92.5	1,377	87.1	84.3 - 89.5	3,177	92.6	90.9 - 94.0
Louisiana	2,767	90.3	88.4 - 91.9	960	90.0	86.5 - 92.6	1,807	89.7	87.3 - 91.8
Maine	966	90.9	87.5 - 93.4	334	90.2	82.4 - 94.7	632	90.3	86.6 - 93.0
Maryland	3,099	90.2	88.4 - 91.7	1,039	89.5	86.2 - 92.1	2,060	90.3	88.0 - 92.1
Michigan	6,991	89.9	88.7 - 91.0	2,258	86.0	83.6 - 88.1	4,733	91.2	89.9 - 92.4
MI - Detroit	2,987	88.4	86.4 - 90.1	939	84.5	80.5 - 87.8	2,048	89.7	87.4 - 91.6
Minnesota	3,059	94.8	93.1 - 96.1	1,157	94.5	91.5 - 96.5	1,902	93.6	91.2 - 95.4
Mississippi	1,504	89.2	86.0 - 91.7	512	88.6	82.5 - 92.6	992	88.6	84.9 - 91.4
Missouri	4,875	92.0	90.6 - 93.2	1,595	89.7	87.4 - 91.7	3,280	92.4	90.6 - 93.8
Montana	873	91.0	87.8 - 93.4	305	89.9	82.7 - 94.2	568	90.6	86.5 - 93.5
Nebraska	1,270	91.0	88.3 - 93.1	426	85.9	79.7 - 90.3	844	93.0	90.1 - 95.1
New Hampshire	1,061	94.5	90.8 - 96.7	367	95.0	89.5 - 97.6	694	93.7	88.9 - 96.5
New Jersey	6,544	91.8	90.5 - 92.9	2,198	90.2	88.0 - 92.1	4,346	92.1	90.6 - 93.4
New Mexico	1,215	87.7	84.5 - 90.2	378	85.0	79.1 - 89.4	837	88.6	84.8 - 91.5
New York	16,253	91.3	90.6 - 92.0	5,263	89.2	87.7 - 90.6	10,990	92.4	91.5 - 93.1
North Carolina	6,802	92.4	91.2 - 93.5	2,193	91.2	88.9 - 93.0	4,609	92.8	91.4 - 93.9
North Dakota	423	92.4	87.7 - 95.4	151	86.4	75.6 - 92.6	272	94.1	89.7 - 96.7
Ohio	7,387	92.0	90.8 - 93.1	2,436	89.8	87.6 - 91.7	4,951	92.7	91.3 - 94.0
Oklahoma	2,547	93.0	90.8 - 94.8	819	86.1	81.3 - 89.8	1,728	95.1	93.3 - 96.4
Oregon	2,492	93.9	91.9 - 95.4	894	92.5	89.1 - 94.9	1,598	94.3	92.0 - 95.9
Pennsylvania	12,626	92.7	91.9 - 93.5	4,012	91.5	90.1 - 92.7	8,614	93.1	92.1 - 93.9
Rhode Island	759	90.5	87.5 - 92.8	255	89.4	81.9 - 93.9	504	90.0	86.6 - 92.6
South Carolina	3,069	91.4	89.6 - 93.0	992	88.8	85.8 - 91.2	2,077	92.1	89.9 - 93.8
Tennessee	5,619	91.4	90.0 - 92.5	1,791	89.5	86.9 - 91.5	3,828	91.7	90.1 - 93.1
Texas	18,348	92.4	91.8 - 93.0	5,944	90.4	89.0 - 91.6	12,404	93.2	92.4 - 93.9
Utah	2,720	93.0	90.8 - 94.7	863	91.3	87.2 - 94.1	1,857	93.2	90.5 - 95.2
Vermont	654	89.5	85.1 - 92.7	188	86.1	76.1 - 92.1	466	90.4	85.4 - 93.8
Virginia	4,247	92.5	91.2 - 93.7	1,438	90.7	88.1 - 92.8	2,809	93.2	91.5 - 94.6
Washington	6,879	93.1	92.0 - 94.1	2,332	92.2	89.9 - 94.0	4,547	93.4	92.1 - 94.5
WA - Seattle	5,732	93.7	92.5 - 94.7	1,934	92.5	90.4 - 94.2	3,798	94.0	92.6 - 95.2
West Virginia	1,503	91.8	88.8 - 94.0	493	87.6	83.2 - 90.8	1,010	92.8	89.1 - 95.2
Wisconsin	5,553	94.2	93.1 - 95.2	1,849	92.4	90.2 - 94.1	3,704	94.8	93.5 - 95.8
Wyoming	411	92.1	85.0 - 96.0	137	91.3	77.4 - 96.9	274	90.5	81.1 - 95.4

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-48 Survival – Brain & Other Nervous System (non-invasive)

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Thyroid**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	250,333	96.5	96.3 - 96.6	64,108	93.9	93.4 - 94.3	186,225	97.5	97.3 - 97.7
Alabama	2,570	95.2	93.3 - 96.5	709	92.2	88.6 - 94.8	1,861	94.7	91.4 - 96.8
Alaska	401	96.9	92.9 - 98.7 *	113	92.4	82.4 - 96.8 *	288	98.5	92.5 - 99.7 *
Arizona	6,286	96.4	95.3 - 97.3	1,488	92.9	89.7 - 95.1	4,798	97.4	96.2 - 98.2
Arkansas	1,986	95.3	92.7 - 97.0	538	91.3	85.2 - 95.0	1,448	96.5	93.0 - 98.3
California	26,074	94.9	94.1 - 95.5	6,391	92.2	90.5 - 93.6	19,683	95.8	95.0 - 96.5
CA - Greater California	15,312	95.2	94.2 - 96.1	3,726	92.9	90.7 - 94.6	11,586	95.9	94.7 - 96.7
CA - Greater Bay Area	3,971	94.0	92.2 - 95.4	1,062	91.4	86.5 - 94.6	2,909	94.6	92.6 - 96.1
CA - Los Angeles	6,791	94.3	92.7 - 95.6	1,603	89.8	86.1 - 92.5	5,188	95.4	93.6 - 96.6
Colorado	5,347	94.7	93.1 - 96.0	1,432	90.9	87.6 - 93.4	3,915	96.1	94.0 - 97.5
Connecticut	4,432	96.8	95.4 - 97.7	1,122	95.4	93.2 - 96.9	3,310	96.8	95.1 - 97.9
Delaware	783	95.0	90.6 - 97.3	183	90.0	81.2 - 94.8	600	96.0	91.0 - 98.3
Florida	15,103	95.6	94.8 - 96.3	3,988	93.0	91.2 - 94.4	11,115	96.6	95.7 - 97.3
Georgia	6,070	95.9	94.0 - 97.2	1,540	92.4	89.7 - 94.5	4,530	96.8	94.6 - 98.1
Hawaii	393	93.0	86.3 - 96.5	128	90.8	77.6 - 96.4 *	265	94.2	85.5 - 97.7
Idaho	1,698	94.7	91.6 - 96.7	399	88.7	81.3 - 93.2	1,299	95.7	92.6 - 97.6
Illinois	11,633	97.6	97.0 - 98.1	2,967	96.0	94.6 - 97.0	8,666	98.0	97.1 - 98.6
Iowa	2,919	93.0	90.4 - 95.0	783	89.7	84.2 - 93.3	2,136	94.1	91.0 - 96.2
Kentucky	4,432	95.2	93.7 - 96.3	1,175	90.5	86.5 - 93.3	3,257	96.5	94.8 - 97.7
Louisiana	3,309	96.1	93.6 - 97.7	881	91.3	86.7 - 94.4	2,428	97.3	95.5 - 98.4
Maine	1,506	93.3	89.1 - 95.9	418	89.6	81.0 - 94.4	1,088	94.2	89.3 - 96.8
Maryland	4,463	97.3	96.0 - 98.2	1,137	94.7	91.6 - 96.7	3,326	97.9	96.9 - 98.6
Michigan	8,194	94.8	93.4 - 95.9	2,088	92.2	89.3 - 94.3	6,106	95.5	93.8 - 96.7
MI - Detroit	3,522	95.7	93.5 - 97.2	875	91.6	87.8 - 94.3	2,647	96.8	94.1 - 98.3
Minnesota	4,427	94.8	92.8 - 96.2	1,171	89.3	85.3 - 92.3	3,256	96.4	94.9 - 97.5
Mississippi	1,670	94.4	90.6 - 96.7	454	93.8	88.8 - 96.6	1,216	92.9	88.4 - 95.7
Missouri	4,842	95.5	94.1 - 96.5	1,282	93.4	91.0 - 95.2	3,560	95.7	93.9 - 97.0
Montana	999	90.4	85.5 - 93.7	287	81.5	72.1 - 88.0	712	93.6	87.8 - 96.7
Nebraska	1,685	93.5	90.4 - 95.7	417	89.2	82.8 - 93.3	1,268	94.9	91.9 - 96.8
New Hampshire	1,476	95.8	92.0 - 97.8	396	91.8	85.0 - 95.6	1,080	97.2	91.1 - 99.1
New Jersey	10,390	98.1	97.5 - 98.6	2,674	96.3	94.9 - 97.3	7,716	98.3	97.1 - 99.0
New Mexico	1,985	92.4	89.1 - 94.8	465	83.2	77.6 - 87.5	1,520	95.7	91.3 - 97.9
New York	21,738	96.9	96.2 - 97.5	5,704	95.0	93.8 - 96.0	16,034	97.6	96.8 - 98.2
North Carolina	7,212	95.4	94.4 - 96.2	1,947	92.8	90.6 - 94.5	5,265	96.4	95.2 - 97.3
North Dakota	737	92.3	86.5 - 95.6	177	85.4	72.4 - 92.6	560	94.4	88.6 - 97.3
Ohio	10,622	96.3	95.5 - 97.0	2,560	91.2	88.4 - 93.4	8,062	97.5	96.7 - 98.1
Oklahoma	2,618	95.3	93.0 - 96.8	634	89.4	84.3 - 92.9	1,984	97.2	94.3 - 98.6
Oregon	3,411	95.9	94.4 - 97.0	884	90.5	86.6 - 93.2	2,527	97.6	96.3 - 98.5
Pennsylvania	17,049	97.4	96.9 - 97.8	4,385	95.3	93.9 - 96.3	12,664	98.0	97.4 - 98.4
Rhode Island	1,340	94.9	91.0 - 97.1	325	89.9	81.6 - 94.6	1,015	95.7	90.9 - 98.0
South Carolina	3,143	96.2	94.4 - 97.4	819	91.4	86.8 - 94.4	2,324	96.9	95.0 - 98.1
Tennessee	5,446	96.9	95.9 - 97.7	1,444	93.7	90.0 - 96.1	4,002	97.7	96.1 - 98.7
Texas	18,902	95.8	95.1 - 96.4	4,803	91.9	90.4 - 93.2	14,099	97.3	96.6 - 97.8
Utah	3,184	94.6	92.3 - 96.3	741	89.9	84.4 - 93.5	2,443	95.9	93.3 - 97.5
Vermont	611	93.8	88.3 - 96.8	164	87.9	73.5 - 94.7	447	94.9	90.0 - 97.4
Virginia	5,802	94.9	93.5 - 96.0	1,413	91.6	88.6 - 93.9	4,389	96.2	94.7 - 97.3
Washington	5,782	95.4	94.0 - 96.4	1,523	92.6	90.0 - 94.5	4,259	96.0	94.4 - 97.1
WA - Seattle	3,965	95.7	93.9 - 96.9	1,062	93.2	90.0 - 95.3	2,903	96.1	94.1 - 97.4
West Virginia	2,091	96.2	92.4 - 98.1	496	91.1	82.8 - 95.5	1,595	96.8	95.1 - 97.9
Wisconsin	5,027	95.8	94.5 - 96.8	1,322	93.0	90.1 - 95.1	3,705	96.5	95.0 - 97.5
Wyoming	545	93.3	88.3 - 96.3	141	92.0	81.7 - 96.6	404	93.5	87.7 - 96.6

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Hodgkin Lymphoma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	44,326	84.5	84.1 - 85.0	24,587	83.3	82.7 - 83.9	19,739	86.1	85.5 - 86.7
Alabama	553	80.8	76.4 - 84.4	307	78.8	72.3 - 83.9	246	82.9	77.3 - 87.2
Alaska	65	78.3	69.2 - 85.0	34	80.5	59.4 - 91.4 *	31	88.8	67.9 - 96.4 *
Arizona	873	81.7	78.6 - 84.5	478	80.4	75.8 - 84.2	395	82.5	77.9 - 86.3
Arkansas	427	84.9	80.8 - 88.2	232	84.0	77.5 - 88.8	195	85.6	80.7 - 89.4
California	4,836	82.3	80.9 - 83.6	2,701	80.6	78.8 - 82.3	2,135	84.2	82.1 - 86.0
CA - Greater California	2,768	81.5	79.7 - 83.2	1,533	79.4	76.9 - 81.7	1,235	83.7	80.8 - 86.1
CA - Greater Bay Area	858	83.8	80.7 - 86.5	486	82.2	77.7 - 85.8	372	85.5	81.3 - 88.8
CA - Los Angeles	1,207	82.2	79.3 - 84.7	681	81.3	77.4 - 84.5	526	83.2	79.1 - 86.5
Colorado	830	88.0	85.0 - 90.4	483	86.2	82.1 - 89.4	347	89.1	84.5 - 92.5
Connecticut	724	87.8	84.3 - 90.6	396	83.6	78.7 - 87.5	328	90.6	85.3 - 94.1
Delaware	153	81.8	75.3 - 86.7	91	81.3	72.2 - 87.6	62	86.6	69.1 - 94.6 *
Florida	3,351	83.8	82.1 - 85.4	1,889	82.4	79.9 - 84.6	1,462	85.7	83.2 - 87.8
Georgia	1,043	81.0	77.4 - 84.0	545	81.1	76.0 - 85.3 *	498	82.4	77.8 - 86.1
Hawaii	66	83.4	66.3 - 92.3 *	39	79.9	57.8 - 91.2 *	27	-	
Idaho	262	86.2	80.7 - 90.3	147	84.3	74.9 - 90.5 *	115	89.9	84.1 - 93.7
Illinois	1,961	85.3	83.4 - 87.0	1,084	84.1	81.3 - 86.5	877	86.7	84.0 - 88.9
Iowa	585	84.4	80.3 - 87.8	325	84.3	78.9 - 88.4	260	83.9	77.2 - 88.7
Kentucky	722	83.6	79.8 - 86.8	402	82.5	77.4 - 86.5	320	84.2	78.5 - 88.5
Louisiana	607	79.8	75.9 - 83.1	325	80.7	75.4 - 85.1	282	76.2	71.4 - 80.4
Maine	285	84.2	78.4 - 88.6	153	80.7	72.7 - 86.6	132	86.6	82.8 - 89.6
Maryland	680	86.1	82.6 - 88.9	379	84.2	79.1 - 88.1	301	88.8	84.2 - 92.1
Michigan	1,600	83.4	81.0 - 85.6	901	82.4	78.9 - 85.3	699	84.8	81.2 - 87.7
MI - Detroit	605	84.8	80.4 - 88.3	340	87.0	81.1 - 91.2	265	81.2	74.7 - 86.2
Minnesota	988	86.1	83.5 - 88.4	572	85.9	82.0 - 89.0	416	85.5	81.5 - 88.7
Mississippi	312	80.5	74.8 - 85.0	173	80.9	73.6 - 86.4	139	81.6	73.8 - 87.3
Missouri	977	82.6	79.1 - 85.6	525	77.7	71.8 - 82.5	452	86.4	82.5 - 89.5
Montana	185	88.9	82.5 - 93.0	105	90.4	78.7 - 95.9	80	87.9	80.2 - 92.8
Nebraska	348	83.7	77.8 - 88.2	197	82.1	74.0 - 87.9	151	84.7	77.4 - 89.7
New Hampshire	270	85.3	79.9 - 89.3	158	84.2	76.8 - 89.4	112	85.6	77.0 - 91.2
New Jersey	1,554	87.3	85.2 - 89.1	850	86.7	83.4 - 89.4	704	87.8	84.8 - 90.2
New Mexico	298	76.6	69.9 - 82.0	172	71.7	60.1 - 80.5	126	80.4	74.4 - 85.2
New York	3,451	85.1	83.6 - 86.5	1,890	84.2	81.9 - 86.2	1,561	86.1	83.9 - 87.9
North Carolina	1,238	83.4	80.6 - 85.8	693	79.9	75.6 - 83.4	545	86.6	83.2 - 89.4
North Dakota	145	87.7	80.7 - 92.3	97	90.9	82.4 - 95.4	48	81.0	62.7 - 90.9 *
Ohio	1,834	84.4	82.3 - 86.3	1,030	83.8	80.8 - 86.4	804	85.3	82.4 - 87.8
Oklahoma	523	82.5	78.6 - 85.7	292	83.0	78.4 - 86.7	231	82.7	75.5 - 87.9 *
Oregon	653	85.0	81.5 - 87.9	346	82.4	77.6 - 86.2	307	87.3	82.3 - 91.0
Pennsylvania	2,513	85.5	83.6 - 87.2	1,402	85.2	82.5 - 87.5	1,111	86.0	83.2 - 88.3
Rhode Island	224	85.2	77.1 - 90.6	114	82.3	67.6 - 90.8	110	87.8	78.8 - 93.2
South Carolina	605	80.5	76.1 - 84.1	334	73.4	68.2 - 77.8	271	86.2	80.5 - 90.3
Tennessee	945	82.0	78.6 - 85.0	491	81.8	76.9 - 85.8	454	82.8	77.8 - 86.8
Texas	3,512	81.6	79.9 - 83.1	1,937	79.3	77.0 - 81.5	1,575	84.4	81.9 - 86.5
Utah	436	89.7	85.4 - 92.8	228	88.7	81.6 - 93.2 *	208	93.4	87.8 - 96.4
Vermont	131	88.2	79.4 - 93.3 *	71	86.3	73.2 - 93.2 *	60	90.2	76.0 - 96.2 *
Virginia	977	84.0	80.9 - 86.6	523	80.4	76.1 - 84.0	454	87.0	82.7 - 90.3
Washington	1,084	88.9	85.6 - 91.5	638	89.6	86.3 - 92.2	446	85.8	80.4 - 89.8
WA - Seattle	743	90.0	85.8 - 93.0	441	89.7	85.6 - 92.7	302	88.8	81.6 - 93.3
West Virginia	310	84.9	79.0 - 89.3	174	85.9	76.4 - 91.8	136	83.4	75.8 - 88.9
Wisconsin	1,113	85.0	82.2 - 87.5	617	83.5	79.1 - 87.0	496	86.7	82.9 - 89.8
Wyoming	77	90.0	71.8 - 96.7 *	47	90.7	74.8 - 96.8 *	30	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-50 Survival – Hodgkin Lymphoma

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Non-Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	368,854	70.6	70.3 - 70.8	201,779	68.1	67.7 - 68.4	167,075	73.6	73.3 - 73.9
Alabama	5,015	67.3	65.2 - 69.3	2,720	65.8	62.8 - 68.6	2,295	68.9	65.9 - 71.6
Alaska	600	71.1	64.5 - 76.7	362	69.1	60.2 - 76.4	238	72.8	63.4 - 80.1
Arizona	7,226	66.7	65.1 - 68.2	3,910	63.0	60.7 - 65.2	3,316	70.6	68.4 - 72.7
Arkansas	3,603	67.9	65.5 - 70.2	1,960	66.8	63.2 - 70.1	1,643	69.4	66.1 - 72.5
California	39,711	68.2	67.5 - 68.9	22,128	65.4	64.4 - 66.4	17,583	71.6	70.6 - 72.6
CA - Greater California	22,858	67.3	66.4 - 68.2	12,778	64.2	62.9 - 65.5	10,080	71.0	69.6 - 72.3
CA - Greater Bay Area	7,494	72.8	71.3 - 74.3	4,263	70.7	68.5 - 72.7	3,231	75.6	73.4 - 77.7
CA - Los Angeles	9,372	66.4	64.9 - 67.8	5,097	63.6	61.4 - 65.6	4,275	69.6	67.5 - 71.5
Colorado	5,840	72.7	70.9 - 74.4	3,247	71.7	69.1 - 74.1	2,593	73.5	70.9 - 76.0
Connecticut	5,530	73.1	71.2 - 74.9	2,981	70.2	67.4 - 72.8	2,549	76.2	73.7 - 78.6
Delaware	1,309	70.6	66.4 - 74.3	703	66.1	60.0 - 71.5	606	75.8	70.1 - 80.5
Florida	32,167	71.5	70.7 - 72.2	17,602	68.0	66.9 - 69.1	14,565	75.6	74.6 - 76.7
Georgia	8,933	67.8	66.2 - 69.4	4,940	64.5	62.3 - 66.6	3,993	71.3	69.0 - 73.5
Hawaii	637	68.5	63.2 - 73.1	383	64.0	55.6 - 71.2	254	72.5	64.3 - 79.0
Idaho	2,098	70.5	67.6 - 73.1	1,155	65.9	61.7 - 69.7	943	75.0	70.9 - 78.6
Illinois	16,146	71.9	70.8 - 73.0	8,727	69.9	68.3 - 71.5	7,419	74.2	72.7 - 75.6
Iowa	5,297	69.0	67.1 - 70.9	2,906	66.8	64.0 - 69.5	2,391	71.5	68.8 - 74.0
Kentucky	6,463	67.8	65.9 - 69.6	3,546	64.3	61.5 - 66.9	2,917	71.8	69.2 - 74.2
Louisiana	5,167	69.5	67.4 - 71.5	2,815	65.0	62.2 - 67.6	2,352	74.5	71.6 - 77.2
Maine	2,411	70.9	68.2 - 73.5	1,273	67.9	63.6 - 71.7	1,138	73.7	69.8 - 77.2
Maryland	5,597	73.4	71.4 - 75.2	3,047	71.6	68.8 - 74.2	2,550	75.4	72.7 - 77.9
Michigan	13,827	69.2	68.0 - 70.3	7,512	66.7	65.1 - 68.3	6,315	72.0	70.4 - 73.6
MI - Detroit	5,123	69.8	67.8 - 71.6	2,772	67.5	64.8 - 70.1	2,351	72.2	69.5 - 74.7
Minnesota	8,319	72.7	71.2 - 74.1	4,661	70.7	68.5 - 72.7	3,658	75.2	73.1 - 77.2
Mississippi	2,887	67.0	64.2 - 69.7	1,571	62.6	58.4 - 66.5	1,316	72.1	68.4 - 75.6
Missouri	8,011	69.2	67.5 - 70.8	4,382	68.1	65.8 - 70.3	3,629	70.2	67.8 - 72.5
Montana	1,529	71.2	67.3 - 74.7	880	69.5	64.6 - 73.9	649	71.8	65.6 - 77.1
Nebraska	2,715	72.2	69.6 - 74.7	1,483	71.4	67.4 - 75.0	1,232	72.8	69.1 - 76.1
New Hampshire	2,257	74.8	71.8 - 77.4	1,245	70.0	65.9 - 73.7	1,012	79.8	75.5 - 83.4
New Jersey	12,567	74.1	72.9 - 75.3	6,704	71.6	69.8 - 73.3	5,863	76.7	75.0 - 78.3
New Mexico	2,162	67.2	64.2 - 70.0	1,152	64.9	60.7 - 68.9	1,010	69.0	64.6 - 72.9
New York	27,274	72.9	72.1 - 73.7	14,677	70.1	68.9 - 71.2	12,597	76.3	75.2 - 77.4
North Carolina	10,853	70.0	68.6 - 71.4	5,924	67.3	65.3 - 69.3	4,929	73.2	71.3 - 75.0
North Dakota	1,058	71.9	67.6 - 75.8	549	72.4	66.2 - 77.6	509	71.3	65.2 - 76.4
Ohio	15,771	70.3	69.2 - 71.4	8,550	67.7	66.0 - 69.4	7,221	73.3	71.7 - 74.8
Oklahoma	4,379	67.0	64.7 - 69.2	2,404	65.5	62.4 - 68.4	1,975	68.6	65.3 - 71.6
Oregon	5,481	71.8	69.9 - 73.6	2,995	70.1	67.5 - 72.6	2,486	73.7	71.0 - 76.2
Pennsylvania	20,947	71.0	70.0 - 71.9	11,256	69.1	67.7 - 70.5	9,691	73.3	72.0 - 74.6
Rhode Island	1,673	71.3	67.9 - 74.4	874	71.0	65.8 - 75.6	799	71.6	67.1 - 75.7
South Carolina	5,001	70.8	68.8 - 72.6	2,745	66.3	63.5 - 69.0	2,256	75.9	73.1 - 78.5
Tennessee	7,959	68.2	66.5 - 69.8	4,326	64.3	61.8 - 66.6	3,633	72.1	69.9 - 74.2
Texas	26,284	69.3	68.4 - 70.2	14,505	66.6	65.3 - 67.8	11,779	72.7	71.4 - 73.9
Utah	2,856	73.9	71.4 - 76.2	1,639	72.1	68.8 - 75.0	1,217	75.6	71.9 - 78.9
Vermont	1,118	72.3	67.6 - 76.3	627	70.6	63.8 - 76.4	491	73.5	67.0 - 78.9
Virginia	8,229	70.2	68.5 - 71.7	4,520	67.5	65.2 - 69.7	3,709	72.9	70.7 - 75.0
Washington	9,322	72.8	71.3 - 74.2	5,285	71.4	69.4 - 73.4	4,037	74.2	72.1 - 76.3
WA - Seattle	6,538	72.4	70.6 - 74.1	3,704	71.4	68.9 - 73.7	2,834	73.1	70.5 - 75.6
West Virginia	3,027	68.9	66.2 - 71.5	1,618	66.3	62.4 - 69.9	1,409	71.2	67.3 - 74.7
Wisconsin	8,901	73.6	72.1 - 75.0	4,906	71.5	69.4 - 73.4	3,995	75.7	73.6 - 77.7
Wyoming	697	68.4	62.2 - 73.8	384	69.9	62.1 - 76.4	313	65.0	55.1 - 73.2

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Myeloma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	111,924	52.9	52.5 - 53.4	63,993	52.3	51.7 - 53.0	47,931	53.8	53.1 - 54.4
Alabama	1,496	48.9	44.9 - 52.7	859	44.0	38.8 - 49.0	637	54.9	48.9 - 60.6
Alaska	172	52.8	41.6 - 62.8	102	53.8	37.8 - 67.4 *	70	50.6	32.1 - 66.4
Arizona	2,254	48.8	45.8 - 51.7	1,285	46.8	42.7 - 50.7	969	51.5	47.2 - 55.7
Arkansas	1,136	53.7	49.1 - 58.2	653	54.6	48.1 - 60.5	483	52.4	45.8 - 58.5
California	12,088	49.1	47.8 - 50.4	7,081	47.8	46.0 - 49.6	5,007	50.8	48.8 - 52.7
CA - Greater California	7,197	48.0	46.3 - 49.7	4,183	46.4	44.1 - 48.8	3,014	49.9	47.3 - 52.4
CA - Greater Bay Area	2,158	52.9	49.8 - 56.0	1,281	52.6	48.5 - 56.6	877	52.7	47.8 - 57.4
CA - Los Angeles	2,734	48.6	45.8 - 51.4	1,617	47.1	43.2 - 50.9	1,117	50.7	46.5 - 54.7
Colorado	1,942	56.1	52.5 - 59.6	1,173	56.2	51.3 - 60.8	769	55.5	49.9 - 60.6 *
Connecticut	1,657	56.9	53.1 - 60.4	930	59.0	53.9 - 63.7	727	53.9	48.2 - 59.2
Delaware	370	50.6	42.5 - 58.2	203	49.0	36.9 - 60.0	167	51.1	40.1 - 61.1
Florida	9,904	57.0	55.4 - 58.6	5,626	56.0	53.8 - 58.1	4,278	58.2	55.8 - 60.5
Georgia	2,851	52.6	49.7 - 55.5	1,669	49.8	45.9 - 53.6	1,182	55.7	51.3 - 59.9
Hawaii	198	45.4	34.5 - 55.7 *	132	44.0	30.3 - 56.8 *	66	48.0	31.2 - 63.0 *
Idaho	691	53.5	47.5 - 59.2	424	51.4	43.4 - 58.8	267	56.3	47.4 - 64.2
Illinois	4,460	55.4	53.1 - 57.6	2,485	54.2	51.2 - 57.2	1,975	55.8	52.3 - 59.2
Iowa	1,624	50.2	46.5 - 53.8	917	50.8	45.9 - 55.5	707	49.2	43.4 - 54.7
Kentucky	1,988	45.2	41.6 - 48.7	1,184	43.5	38.6 - 48.2	804	47.3	41.7 - 52.7
Louisiana	1,406	53.9	49.8 - 57.9	816	55.5	50.3 - 60.4	590	51.5	45.1 - 57.5
Maine	692	51.5	44.8 - 57.7	379	55.9	47.1 - 63.8	313	43.5	33.9 - 52.7 *
Maryland	1,595	54.2	50.3 - 57.9	887	54.6	49.3 - 59.6	708	53.8	48.0 - 59.2
Michigan	4,058	50.5	48.1 - 52.8	2,332	49.6	46.4 - 52.8	1,726	51.9	48.3 - 55.3
MI - Detroit	1,507	50.2	46.2 - 54.1	871	47.0	41.6 - 52.2	636	55.0	49.0 - 60.5
Minnesota	2,410	53.7	50.4 - 56.8	1,399	51.7	47.3 - 56.0	1,011	56.3	51.4 - 61.0
Mississippi	871	42.5	37.6 - 47.3	525	41.6	35.0 - 48.1	346	42.8	35.8 - 49.5
Missouri	2,426	50.6	47.4 - 53.7	1,388	50.2	45.5 - 54.6	1,038	51.9	47.4 - 56.3
Montana	507	46.6	38.7 - 54.2	307	45.7	37.2 - 53.8	200	44.0	32.5 - 54.9 *
Nebraska	824	49.4	44.2 - 54.5	484	47.2	40.5 - 53.7	340	49.8	41.6 - 57.8 *
New Hampshire	645	59.4	53.2 - 65.0	379	58.3	49.8 - 65.9	266	59.7	50.6 - 67.5
New Jersey	3,627	58.1	55.5 - 60.5	2,035	57.6	54.1 - 61.0	1,592	58.6	54.9 - 62.1
New Mexico	698	46.4	40.6 - 51.9	402	45.9	38.3 - 53.1	296	47.5	39.2 - 55.4
New York	8,753	56.7	55.1 - 58.3	4,856	56.4	54.2 - 58.6	3,897	57.3	55.0 - 59.6
North Carolina	3,570	54.8	52.3 - 57.3	1,994	53.5	49.9 - 57.0	1,576	56.4	52.7 - 60.0
North Dakota	324	53.7	45.3 - 61.5 *	192	53.6	42.1 - 63.8 *	132	53.3	40.5 - 64.5 *
Ohio	4,150	46.5	44.1 - 48.8	2,332	45.5	42.2 - 48.7	1,818	47.6	44.0 - 51.0
Oklahoma	1,333	47.1	42.5 - 51.6	744	46.2	40.3 - 51.9	589	48.3	41.3 - 54.9
Oregon	1,502	50.5	46.5 - 54.4	881	50.3	44.7 - 55.5	621	50.8	45.1 - 56.2
Pennsylvania	5,938	51.7	49.7 - 53.7	3,365	53.2	50.5 - 55.8	2,573	50.2	47.2 - 53.1
Rhode Island	451	61.2	54.0 - 67.6	246	63.6	54.0 - 71.7	205	58.0	47.1 - 67.4
South Carolina	1,724	50.2	46.6 - 53.7	990	47.9	42.9 - 52.7	734	53.8	48.9 - 58.5
Tennessee	2,382	51.4	48.2 - 54.6	1,376	51.5	47.0 - 55.7	1,006	51.7	46.9 - 56.3
Texas	8,935	55.6	53.9 - 57.2	5,047	54.0	51.7 - 56.1	3,888	57.9	55.5 - 60.2
Utah	928	52.5	47.5 - 57.2	548	54.1	47.6 - 60.2	380	49.5	41.6 - 56.9
Vermont	305	53.4	44.9 - 61.1	184	57.5	45.7 - 67.6	121	48.5	35.5 - 60.4 *
Virginia	2,338	49.2	46.2 - 52.1	1,337	48.2	44.2 - 52.0	1,001	50.4	45.8 - 54.8
Washington	2,705	57.1	54.2 - 59.9	1,561	58.5	54.5 - 62.3	1,144	54.9	50.6 - 59.1
WA - Seattle	1,902	58.6	55.2 - 61.8	1,099	60.4	55.8 - 64.7	803	56.3	51.2 - 61.1
West Virginia	949	45.2	39.9 - 50.4	545	43.8	36.7 - 50.6	404	44.3	36.4 - 51.8 *
Wisconsin	2,815	54.7	51.7 - 57.6	1,604	58.4	54.5 - 62.0	1,211	49.7	44.9 - 54.3
Wyoming	232	48.5	37.3 - 58.8 *	135	43.5	29.2 - 57.0 *	97	51.8	38.0 - 64.0

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-52 Survival – Myeloma

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	245,726	55.7	55.4 - 56.0	144,470	55.6	55.2 - 56.0	101,256	55.9	55.5 - 56.4
Alabama	3,323	46.2	43.7 - 48.7	1,932	44.9	41.6 - 48.1	1,391	47.2	43.6 - 50.8
Alaska	357	61.8	53.8 - 68.7	216	57.2	47.0 - 66.1	141	64.7	52.9 - 74.3
Arizona	4,665	44.2	42.2 - 46.2	2,759	44.3	41.7 - 47.0	1,906	43.9	40.9 - 46.8
Arkansas	2,308	51.7	48.2 - 55.0	1,400	50.7	46.4 - 54.9	908	52.4	47.0 - 57.5
California	24,968	52.9	52.0 - 53.8	14,793	53.6	52.4 - 54.7	10,175	51.8	50.5 - 53.2
CA - Greater California	14,758	51.4	50.3 - 52.5	8,709	51.5	50.0 - 53.0	6,049	50.9	49.2 - 52.6
CA - Greater Bay Area	4,460	59.2	57.1 - 61.2	2,690	61.4	58.6 - 64.0	1,770	55.7	52.5 - 58.9
CA - Los Angeles	5,753	50.9	49.1 - 52.7	3,395	51.8	49.3 - 54.2	2,358	49.8	47.0 - 52.6
Colorado	4,199	57.7	55.5 - 59.9	2,536	57.1	54.1 - 59.9	1,663	58.0	54.6 - 61.2
Connecticut	3,646	58.0	55.8 - 60.2	2,105	58.9	56.0 - 61.8	1,541	56.6	53.1 - 59.9
Delaware	774	55.7	50.4 - 60.6	481	55.4	48.4 - 61.7	293	55.4	47.0 - 63.0
Florida	23,692	60.0	59.0 - 61.0	13,852	58.1	56.8 - 59.4	9,840	62.7	61.2 - 64.1
Georgia	6,321	54.2	52.3 - 56.0	3,701	53.3	50.8 - 55.8	2,620	54.8	51.9 - 57.6
Hawaii	399	55.5	48.0 - 62.4	260	57.9	48.1 - 66.5 *	139	47.9	34.2 - 60.3
Idaho	1,638	63.8	60.2 - 67.2	960	63.0	58.4 - 67.3	678	63.2	57.6 - 68.3
Illinois	9,793	52.0	50.6 - 53.3	5,664	53.9	52.0 - 55.7	4,129	49.4	47.4 - 51.4
Iowa	3,691	57.5	55.1 - 59.8	2,162	57.9	54.7 - 61.1	1,529	56.3	52.8 - 59.7
Kentucky	4,570	52.7	50.5 - 55.0	2,644	51.9	48.8 - 54.9	1,926	53.7	50.4 - 56.9
Louisiana	3,221	51.8	49.0 - 54.5	1,884	49.1	45.4 - 52.8	1,337	55.1	50.9 - 59.1
Maine	1,673	58.7	55.2 - 62.0	985	58.7	54.0 - 63.2	688	57.9	52.7 - 62.8
Maryland	3,467	55.9	53.5 - 58.1	1,990	56.2	53.2 - 59.1	1,477	54.6	51.0 - 58.2
Michigan	8,683	54.7	53.2 - 56.2	5,098	54.2	52.1 - 56.2	3,585	55.6	53.3 - 57.8
MI - Detroit	3,424	57.2	54.8 - 59.5	2,018	56.4	53.2 - 59.4	1,406	58.0	54.3 - 61.6
Minnesota	5,779	59.7	57.8 - 61.4	3,597	59.7	57.3 - 62.0	2,182	59.1	56.1 - 61.9
Mississippi	1,818	47.2	43.6 - 50.7	1,077	46.2	41.7 - 50.5	741	47.9	42.1 - 53.5
Missouri	5,329	52.2	50.3 - 54.1	3,083	52.0	49.4 - 54.6	2,246	51.9	48.9 - 54.7
Montana	1,159	62.8	58.5 - 66.8	740	63.9	58.0 - 69.2	419	59.5	53.0 - 65.4
Nebraska	1,702	54.9	51.5 - 58.2	1,010	56.6	52.1 - 60.9	692	52.1	47.0 - 57.0
New Hampshire	1,369	61.0	57.0 - 64.7	854	60.7	55.6 - 65.3	515	61.1	54.8 - 66.9
New Jersey	8,096	59.0	57.4 - 60.5	4,686	59.8	57.6 - 61.8	3,410	57.8	55.4 - 60.0
New Mexico	1,639	58.2	54.6 - 61.6	955	56.3	51.5 - 60.8	684	59.9	55.0 - 64.5
New York	19,590	61.0	60.0 - 62.0	11,342	60.7	59.4 - 62.0	8,248	61.3	59.7 - 62.7
North Carolina	7,772	57.4	55.7 - 59.0	4,527	56.1	53.9 - 58.3	3,245	58.8	56.3 - 61.2
North Dakota	805	59.1	54.1 - 63.8	490	58.9	52.8 - 64.5	315	57.8	49.8 - 65.0
Ohio	8,592	48.2	46.7 - 49.8	5,035	48.3	46.2 - 50.3	3,557	48.2	45.9 - 50.5
Oklahoma	2,970	50.1	47.3 - 52.8	1,724	50.2	46.5 - 53.8	1,246	49.1	44.9 - 53.2
Oregon	3,206	52.8	50.3 - 55.3	1,909	52.7	49.4 - 55.9	1,297	52.8	48.7 - 56.7
Pennsylvania	13,253	54.6	53.3 - 55.8	7,744	55.3	53.6 - 56.9	5,509	53.6	51.7 - 55.5
Rhode Island	1,024	60.8	56.5 - 64.9	585	58.5	52.5 - 64.0	439	63.9	57.7 - 69.5
South Carolina	3,576	50.9	48.4 - 53.3	2,143	50.8	47.6 - 53.9	1,433	50.9	47.1 - 54.5
Tennessee	5,390	55.5	53.4 - 57.4	3,207	54.5	51.9 - 57.2	2,183	56.7	53.6 - 59.6
Texas	18,462	55.9	54.7 - 57.0	10,815	55.3	53.8 - 56.8	7,647	56.4	54.7 - 58.0
Utah	1,951	58.2	55.0 - 61.3	1,170	59.8	55.7 - 63.7	781	55.0	50.0 - 59.7
Vermont	623	58.9	53.4 - 64.0	371	58.6	52.3 - 64.5	252	58.4	49.9 - 66.0
Virginia	4,639	48.5	46.5 - 50.6	2,659	48.0	45.3 - 50.7	1,980	48.9	45.8 - 51.9
Washington	6,252	60.1	58.3 - 61.9	3,720	60.2	57.8 - 62.6	2,532	59.3	56.7 - 61.9
WA - Seattle	4,540	64.6	62.5 - 66.5	2,712	65.6	62.9 - 68.2	1,828	62.6	59.4 - 65.6
West Virginia	2,112	53.8	50.6 - 56.9	1,231	55.0	50.6 - 59.1	881	51.9	47.1 - 56.4
Wisconsin	6,713	61.2	59.5 - 62.9	4,055	60.3	58.0 - 62.5	2,658	62.6	59.9 - 65.1
Wyoming	517	55.4	48.3 - 61.9	319	53.6	44.0 - 62.3	198	55.7	44.7 - 65.4

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, White, Mesothelioma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	19,350	14.3	13.5 - 15.2	14,766	12.0	11.0 - 13.1	4,584	19.3	17.7 - 21.0
Alabama	265	8.1	4.4 - 13.2 *	210	6.0	2.6 - 11.6 *	55	15.0	5.8 - 28.4 *
Alaska	41	16.6	5.3 - 33.4 *	34	15.8	4.6 - 33.1 *	-	-	-
Arizona	475	17.6	12.4 - 23.6	376	17.7	12.2 - 24.1	99	10.8	3.2 - 24.0 *
Arkansas	145	13.7	7.3 - 22.1 *	113	-	-	32	20.7	6.6 - 40.1 *
California	2,126	10.4	8.2 - 12.9	1,613	6.9	4.8 - 9.4	513	17.1	12.6 - 22.2
CA - Greater California	1,291	11.7	8.9 - 15.0	991	8.6	5.8 - 12.0	300	18.7	12.9 - 25.4
CA - Greater Bay Area	398	13.8	8.8 - 19.9	303	6.7	3.2 - 11.9 *	95	21.0	11.8 - 32.1 *
CA - Los Angeles	437	2.8	0.9 - 6.5 *	319	1.2	0.1 - 5.4 *	118	6.2	1.4 - 16.4 *
Colorado	261	11.1	6.2 - 17.5 *	202	12.2	6.6 - 19.5 *	59	6.8	0.7 - 23.5 *
Connecticut	284	7.8	3.7 - 14.0 *	221	4.5	1.4 - 10.3 *	63	20.2	8.5 - 35.4 *
Delaware	85	19.4	9.5 - 31.9 *	70	17.4	7.4 - 30.8 *	15	-	-
Florida	1,498	17.1	14.0 - 20.5	1,139	13.7	10.3 - 17.5	359	19.2	14.0 - 25.2 *
Georgia	350	11.9	7.5 - 17.4 *	269	11.2	6.4 - 17.4 *	81	15.3	6.5 - 27.6 *
Hawaii	23	-	-	17	-	-	-	-	-
Idaho	130	13.4	5.6 - 24.7 *	103	13.5	4.7 - 27.1 *	27	-	-
Illinois	944	15.4	11.6 - 19.7	704	13.6	9.4 - 18.7	240	16.2	10.4 - 23.1 *
Iowa	227	-	-	172	-	-	55	-	-
Kentucky	249	10.7	6.1 - 16.8 *	191	6.3	2.4 - 12.9 *	58	24.4	12.2 - 38.8 *
Louisiana	369	8.8	5.0 - 14.0 *	273	8.7	4.5 - 14.7 *	96	8.6	2.4 - 20.1 *
Maine	166	9.9	3.6 - 20.1 *	124	8.3	2.8 - 17.7 *	42	11.2	1.2 - 33.5 *
Maryland	302	18.6	12.8 - 25.3	220	11.0	5.8 - 18.1 *	82	19.6	11.2 - 29.7
Michigan	764	12.5	8.9 - 16.6	580	8.4	4.9 - 13.0	184	21.0	13.3 - 30.1
MI - Detroit	244	6.7	2.9 - 12.6 *	187	5.6	1.6 - 13.4 *	57	7.8	1.5 - 21.4 *
Minnesota	463	11.5	7.6 - 16.1 *	342	7.8	4.2 - 12.7 *	121	20.1	11.4 - 30.6 *
Mississippi	147	9.4	3.7 - 18.4 *	106	4.4	0.5 - 16.2 *	41	19.2	7.1 - 35.6 *
Missouri	385	11.7	7.6 - 16.7	295	8.1	4.7 - 12.7 *	90	14.6	6.7 - 25.4 *
Montana	88	12.9	5.2 - 24.2 *	62	0.0	-	26	27.8	11.4 - 46.9 *
Nebraska	122	10.0	4.2 - 18.7 *	94	9.4	3.4 - 19.2 *	28	12.6	2.2 - 32.2 *
New Hampshire	121	12.0	5.7 - 20.7 *	90	-	-	31	33.8	16.8 - 51.7 *
New Jersey	794	16.2	12.0 - 20.9	603	9.2	6.2 - 13.0 *	191	19.7	12.8 - 27.7 *
New Mexico	109	-	-	87	-	-	22	0.0	-
New York	1,296	14.6	10.9 - 18.8	997	11.2	8.2 - 14.7	299	16.9	10.4 - 24.8 *
North Carolina	495	15.9	11.5 - 21.1	395	9.3	5.4 - 14.3 *	100	23.6	14.1 - 34.5
North Dakota	55	11.7	2.9 - 27.4 *	47	11.3	2.6 - 27.1 *	-	-	-
Ohio	847	8.9	5.9 - 12.6 *	656	8.5	5.4 - 12.5 *	191	9.4	3.0 - 20.3 *
Oklahoma	160	13.3	7.5 - 20.8 *	126	12.1	6.1 - 20.3 *	34	-	-
Oregon	330	4.5	1.8 - 8.9 *	238	6.5	2.9 - 12.2 *	92	2.6	0.3 - 10.7
Pennsylvania	1,295	13.5	10.4 - 16.9	974	10.8	7.4 - 14.8	321	20.0	14.4 - 26.3
Rhode Island	91	6.7	0.8 - 22.0 *	78	3.9	0.3 - 15.8 *	13	-	-
South Carolina	291	8.9	4.3 - 15.6 *	218	9.5	4.5 - 16.7 *	73	6.7	0.6 - 24.7 *
Tennessee	344	7.5	4.5 - 11.6 *	264	5.5	2.6 - 9.9 *	80	13.9	6.7 - 23.8 *
Texas	1,207	17.3	14.4 - 20.3	916	14.8	11.4 - 18.7	291	25.6	19.3 - 32.4 *
Utah	119	-	-	96	-	-	23	-	-
Vermont	47	0.0	-	41	0.0	-	-	-	-
Virginia	490	6.1	3.4 - 9.9 *	384	6.8	4.0 - 10.7 *	106	5.1	1.1 - 14.4 *
Washington	598	14.9	10.2 - 20.3	453	11.4	6.7 - 17.5	145	21.2	12.6 - 31.2
WA - Seattle	411	16.0	10.2 - 22.9	317	11.8	6.4 - 18.9	94	20.7	12.7 - 30.0
West Virginia	188	11.5	6.1 - 18.9	157	4.0	1.5 - 8.6	31	22.6	7.8 - 41.8 *
Wisconsin	512	21.0	16.4 - 26.0	382	19.8	14.9 - 25.2	130	14.2	6.8 - 24.2 *
Wyoming	52	-	-	34	-	-	18	0.0	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

White

III-54 Survival – Mesothelioma

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, All Sites (invasive)**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	1,059,972	58.1	57.9 - 58.2	540,168	59.3	59.1 - 59.5	519,804	56.2	56.0 - 56.4
Alabama	35,874	56.4	55.6 - 57.3	18,828	56.5	55.2 - 57.7	17,046	55.8	54.6 - 57.0
Alaska	488	60.6	53.1 - 67.4	279	60.5	50.7 - 69.0	209	60.2	47.7 - 70.7
Arizona	5,348	56.4	54.2 - 58.5	2,732	55.6	52.6 - 58.5	2,616	56.5	53.2 - 59.6
Arkansas	12,073	55.0	53.4 - 56.5	6,484	55.1	52.9 - 57.3	5,589	54.2	52.0 - 56.3
California	69,326	56.9	56.3 - 57.5	35,676	58.1	57.3 - 59.0	33,650	55.1	54.3 - 55.9
CA - Greater California	26,664	57.1	56.1 - 58.1	14,204	58.0	56.6 - 59.3	12,460	55.6	54.3 - 57.0
CA - Greater Bay Area	14,805	57.6	56.3 - 58.8	7,767	58.8	57.0 - 60.6	7,038	55.9	54.1 - 57.6
CA - Los Angeles	27,947	56.0	55.1 - 56.9	13,756	57.4	56.1 - 58.7	14,191	54.0	52.8 - 55.2
Colorado	4,800	64.5	62.1 - 66.7	2,676	67.2	63.9 - 70.3	2,124	60.6	57.3 - 63.8
Connecticut	9,961	61.6	60.1 - 63.1	4,950	62.6	60.4 - 64.8	5,011	59.9	57.8 - 62.0
Delaware	5,945	61.3	59.2 - 63.3	3,065	64.1	61.0 - 67.0	2,880	57.4	54.5 - 60.3
Florida	74,540	60.7	60.1 - 61.3	39,040	62.3	61.5 - 63.1	35,500	57.9	57.1 - 58.8
Georgia	76,316	57.0	56.4 - 57.6	38,681	58.6	57.7 - 59.5	37,635	54.6	53.8 - 55.4
Hawaii	540	64.9	56.8 - 71.9	364	67.0	57.9 - 74.6	176	56.5	42.3 - 68.5
Idaho	150	66.1	51.1 - 77.5	95	70.6	49.5 - 84.2	55	-	-
Illinois	56,752	58.5	57.8 - 59.1	27,889	59.2	58.3 - 60.2	28,863	57.2	56.3 - 58.0
Iowa	1,868	51.9	47.7 - 55.9	1,013	54.5	48.6 - 60.0	855	47.8	41.9 - 53.6
Kentucky	9,978	54.2	52.6 - 55.7	5,055	54.5	52.2 - 56.8	4,923	53.6	51.5 - 55.7
Louisiana	43,419	55.5	54.7 - 56.3	23,132	56.2	55.1 - 57.4	20,287	54.3	53.2 - 55.4
Maine	237	64.3	51.3 - 74.7	142	69.3	54.5 - 80.1	95	50.4	30.1 - 67.7
Maryland	48,723	62.8	62.1 - 63.5	23,687	64.7	63.6 - 65.7	25,036	60.3	59.3 - 61.3
Michigan	42,752	57.9	57.1 - 58.6	21,762	59.4	58.3 - 60.4	20,990	55.7	54.6 - 56.7
MI - Detroit	32,255	56.8	55.9 - 57.7	16,265	58.9	57.6 - 60.1	15,990	54.0	52.7 - 55.2
Minnesota	5,081	60.4	57.8 - 62.9	2,770	62.1	58.4 - 65.5	2,311	57.3	53.3 - 61.1
Mississippi	31,083	53.8	52.9 - 54.7	16,541	54.5	53.2 - 55.9	14,542	52.1	50.8 - 53.4
Missouri	20,150	54.4	53.3 - 55.5	9,796	55.0	53.3 - 56.6	10,354	53.5	52.0 - 54.9
Montana	79	65.2	47.9 - 78.0 *	55	66.6	45.0 - 81.3 *	24	-	-
Nebraska	2,079	58.8	55.5 - 62.0	1,137	59.8	55.1 - 64.1	942	56.3	51.0 - 61.3
New Hampshire	261	69.2	58.3 - 77.8	170	70.3	58.5 - 79.3	91	67.0	51.5 - 78.5 *
New Jersey	36,124	59.1	58.3 - 59.9	17,734	62.0	60.8 - 63.1	18,390	55.5	54.4 - 56.6
New Mexico	901	54.1	48.9 - 59.1	516	53.1	46.2 - 59.6	385	54.6	46.8 - 61.6
New York	100,514	60.9	60.5 - 61.4	50,335	63.6	62.9 - 64.2	50,179	57.7	57.1 - 58.4
North Carolina	63,284	59.0	58.3 - 59.6	32,441	59.6	58.6 - 60.5	30,843	57.9	57.0 - 58.8
North Dakota	86	84.5	70.2 - 92.3 *	56	86.4	66.9 - 94.8 *	30	80.4	53.4 - 92.7 *
Ohio	40,202	57.9	57.1 - 58.6	20,093	59.3	58.1 - 60.5	20,109	55.9	54.8 - 57.0
Oklahoma	7,578	56.4	54.7 - 58.2	4,001	58.6	56.1 - 61.1	3,577	52.7	50.2 - 55.2
Oregon	1,816	56.8	53.0 - 60.4	1,038	55.5	50.1 - 60.5	778	57.3	52.0 - 62.3
Pennsylvania	43,402	57.5	56.8 - 58.3	21,055	58.3	57.2 - 59.3	22,347	56.4	55.4 - 57.4
Rhode Island	1,463	60.7	56.5 - 64.7	727	58.5	52.8 - 63.8	736	61.9	56.0 - 67.3
South Carolina	38,467	56.4	55.6 - 57.2	20,050	56.5	55.3 - 57.7	18,417	55.6	54.5 - 56.8
Tennessee	28,671	55.2	54.2 - 56.2	14,257	57.0	55.5 - 58.4	14,414	53.2	51.8 - 54.5
Texas	76,143	55.6	55.0 - 56.2	38,411	55.5	54.7 - 56.4	37,732	55.3	54.5 - 56.2
Utah	474	60.9	53.5 - 67.6	298	62.3	53.0 - 70.3	176	54.7	42.2 - 65.6
Vermont	93	69.7	54.5 - 80.8	56	73.5	52.1 - 86.5	37	-	-
Virginia	45,305	58.2	57.5 - 58.9	23,423	59.2	58.1 - 60.3	21,882	56.2	55.2 - 57.2
Washington	6,096	60.4	58.3 - 62.4	3,501	59.6	56.6 - 62.4	2,595	60.6	57.5 - 63.6
WA - Seattle	5,694	60.4	58.2 - 62.5	3,238	59.7	56.6 - 62.6	2,456	60.7	57.5 - 63.8
West Virginia	1,988	55.5	51.9 - 58.9	1,129	55.3	50.4 - 59.9	859	54.8	49.5 - 59.9
Wisconsin	9,455	59.4	57.5 - 61.3	4,979	60.4	57.8 - 62.8	4,476	57.3	54.5 - 59.9
Wyoming	87	48.8	30.7 - 64.7	49	-	-	38	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, All Sites (Standardized - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	1,103,769	57.5	57.3 - 57.7	565,943	57.2	56.9 - 57.5	537,826	57.9	57.7 - 58.2
Alabama	37,056	55.5	54.7 - 56.3	19,550	54.7	53.6 - 55.8	17,506	56.4	55.4 - 57.5
Alaska	500	-		287	-		213	-	
Arizona	5,503	-		2,819	-		2,684	-	
Arkansas	12,573	-		6,797	-		5,776	-	
California	72,275	56.2	55.4 - 56.9	37,399	55.8	54.7 - 56.9	34,876	56.5	55.7 - 57.4
CA - Greater California	27,753	51.0	50.1 - 51.9	14,852	50.3	49.0 - 51.5	12,901	-	
CA - Greater Bay Area	15,389	-		8,134	-		7,255	-	
CA - Los Angeles	29,157	-		14,421	-		14,736	54.7	53.6 - 55.8
Colorado	4,976	-		2,782	-		2,194	-	
Connecticut	10,406	-		5,209	-		5,197	-	
Delaware	6,197	-		3,228	-		2,969	-	
Florida	78,283	57.7	57.0 - 58.4	41,165	57.2	56.3 - 58.2	37,118	58.2	57.3 - 59.1
Georgia	79,324	55.1	54.5 - 55.7	40,533	54.8	54.0 - 55.6	38,791	55.4	54.5 - 56.3
Hawaii	560	-		378	-		182	-	
Idaho	154	-		96	-		58	-	
Illinois	59,350	58.3	57.7 - 59.0	29,390	57.5	56.6 - 58.4	29,960	59.3	58.3 - 60.3
Iowa	1,962	-		1,069	-		893	-	
Kentucky	10,484	-		5,344	-		5,140	-	
Louisiana	45,307	-		24,278	-		21,029	-	
Maine	244	-		146	-		98	-	
Maryland	50,569	60.1	59.3 - 60.9	24,692	59.8	58.6 - 61.1	25,877	60.4	59.3 - 61.4
Michigan	44,793	57.6	56.8 - 58.3	22,976	57.3	56.3 - 58.3	21,817	57.9	56.7 - 59.1
MI - Detroit	33,846	56.3	55.6 - 57.2	17,220	-		16,626	56.3	55.2 - 57.5
Minnesota	5,272	-		2,887	-		2,385	-	
Mississippi	32,350	-		17,341	-		15,009	53.8	52.6 - 55.1
Missouri	20,992	-		10,262	-		10,730	-	
Montana	82	-		58	-		24	-	
Nebraska	2,172	-		1,196	-		976	-	
New Hampshire	270	-		178	-		92	-	
New Jersey	37,630	56.7	55.9 - 57.5	18,558	56.8	55.7 - 57.8	19,072	56.5	55.4 - 57.7
New Mexico	934	-		537	-		397	-	
New York	104,565	58.5	57.9 - 59.1	52,661	57.8	56.9 - 58.8	51,904	59.2	58.6 - 59.9
North Carolina	65,898	57.8	57.1 - 58.6	34,035	57.5	56.3 - 58.6	31,863	58.2	57.3 - 59.2
North Dakota	87	-		56	-		31	-	
Ohio	41,831	57.8	57.0 - 58.6	21,051	-		20,780	58.0	56.9 - 59.2
Oklahoma	7,858	-		4,169	-		3,689	-	
Oregon	1,896	-		1,092	-		804	-	
Pennsylvania	45,408	58.0	57.3 - 58.8	22,184	57.3	56.3 - 58.3	23,224	58.8	57.7 - 60.0
Rhode Island	1,519	-		760	-		759	-	
South Carolina	39,893	56.0	55.3 - 56.8	20,916	-		18,977	56.8	55.7 - 58.0
Tennessee	29,643	-		14,819	-		14,824	55.4	54.2 - 56.7
Texas	79,012	56.6	55.9 - 57.3	40,082	56.0	55.0 - 57.0	38,930	57.2	56.2 - 58.2
Utah	486	-		306	-		180	-	
Vermont	97	-		58	-		39	-	
Virginia	46,966	56.6	55.8 - 57.4	24,465	56.4	55.1 - 57.6	22,501	56.9	55.9 - 57.9
Washington	6,335	-		3,655	-		2,680	-	
WA - Seattle	5,918	-		3,378	-		2,540	-	
West Virginia	2,085	-		1,197	-		888	-	
Wisconsin	9,884	-		5,232	-		4,652	-	
Wyoming	88	-		50	-		38	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Black

III-56 Survival – All Sites (Standardized - invasive)

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Oral Cavity & Pharynx**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	23,382	44.3	43.1 - 45.4	16,223	40.9	39.5 - 42.4	7,159	51.2	49.3 - 53.2
Alabama	828	44.6	38.8 - 50.4	570	40.2	33.2 - 47.1	258	50.1	37.9 - 61.1
Alaska	-	-		-	-		-	-	
Arizona	91	64.6	50.9 - 75.3 *	69	48.7	37.2 - 59.2	22	-	
Arkansas	320	29.2	22.6 - 36.0	224	24.0	16.7 - 32.0	96	42.2	30.9 - 53.0
California	1,467	45.9	41.1 - 50.6	1,018	44.1	37.9 - 50.1	449	48.1	40.5 - 55.2
CA - Greater California	562	53.3	44.5 - 61.4	393	53.2	40.9 - 64.1	169	50.7	37.8 - 62.2
CA - Greater Bay Area	313	51.1	41.2 - 60.2	228	48.4	36.8 - 59.1	85	62.2	47.7 - 73.8 *
CA - Los Angeles	593	35.4	28.9 - 42.0	397	39.7	32.8 - 46.4 *	196	39.9	29.4 - 50.1
Colorado	94	59.0	43.5 - 71.6 *	70	56.0	37.3 - 71.2 *	24	-	
Connecticut	213	41.8	32.9 - 50.4	148	43.5	31.7 - 54.7	65	44.2	31.5 - 56.2
Delaware	108	48.2	36.5 - 59.0 *	73	40.4	26.5 - 53.8 *	35	62.7	41.9 - 77.8 *
Florida	1,618	43.0	39.1 - 46.9	1,130	39.1	34.6 - 43.5	488	50.2	42.7 - 57.2
Georgia	1,685	39.6	35.4 - 43.8	1,113	35.9	30.8 - 41.1	572	44.3	37.5 - 50.8
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,457	46.0	41.5 - 50.4	1,003	43.2	37.3 - 49.0	454	50.6	43.5 - 57.2
Iowa	46	-		33	-		13	-	
Kentucky	243	36.7	27.3 - 46.2	184	36.3	24.1 - 48.6	59	46.0	28.0 - 62.3 *
Louisiana	1,011	38.0	33.1 - 43.0	733	31.3	25.0 - 37.8	278	49.0	40.1 - 57.4
Maine	-	-		-	-		-	-	
Maryland	936	48.0	43.1 - 52.8	649	48.0	42.3 - 53.6	287	48.3	39.4 - 56.5
Michigan	1,027	46.3	41.1 - 51.3	699	42.7	36.0 - 49.2	328	50.8	43.4 - 57.7
MI - Detroit	787	40.4	34.6 - 46.0	540	34.8	27.7 - 42.0	247	46.2	37.9 - 54.0
Minnesota	128	43.3	34.3 - 51.9	92	34.2	24.0 - 44.6	36	80.6	58.4 - 91.7 *
Mississippi	770	30.4	24.6 - 36.4	564	25.4	19.4 - 31.9	206	40.3	28.3 - 52.0
Missouri	441	46.8	38.5 - 54.6	310	47.7	37.5 - 57.2	131	45.6	32.3 - 57.9
Montana	-	-		-	-		-	-	
Nebraska	45	55.3	37.8 - 69.8 *	37	52.6	33.0 - 69.0 *	-	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	699	45.5	39.3 - 51.4	466	44.7	37.2 - 51.9	233	51.3	41.9 - 59.9 *
New Mexico	15	-		12	-		-	-	
New York	1,917	45.4	41.8 - 48.9	1,249	40.3	35.6 - 45.0	668	54.0	48.0 - 59.5
North Carolina	1,574	43.6	39.3 - 47.9	1,125	39.8	34.8 - 44.7	449	51.4	43.3 - 59.0
North Dakota	-	-		-	-		-	-	
Ohio	846	44.8	38.7 - 50.8	580	42.3	34.4 - 49.9	266	49.7	40.1 - 58.6
Oklahoma	168	44.9	34.3 - 55.0 *	126	47.8	35.7 - 59.0 *	42	-	
Oregon	32	-		20	0.0		12	-	
Pennsylvania	986	47.3	42.4 - 52.0	652	44.0	37.8 - 50.1	334	51.6	43.8 - 58.8
Rhode Island	41	-		26	-		15	-	
South Carolina	977	39.7	34.5 - 44.8	712	31.5	25.7 - 37.4	265	54.0	44.0 - 62.9
Tennessee	588	38.3	30.0 - 46.5	408	34.9	24.8 - 45.1	180	52.1	39.4 - 63.3
Texas	1,578	47.1	42.2 - 51.9	1,075	40.9	35.5 - 46.3	503	59.4	52.2 - 65.8
Utah	14	-		10	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	976	39.9	34.0 - 45.8	714	38.4	30.9 - 45.8	262	39.0	28.0 - 49.9
Washington	124	53.3	44.5 - 61.4	97	54.0	44.1 - 62.9	27	-	
WA - Seattle	115	52.1	42.7 - 60.7	86	53.2	41.9 - 63.3	29	-	
West Virginia	49	-		37	-		12	-	
Wisconsin	231	54.4	42.7 - 64.7	166	51.7	37.8 - 63.9	65	73.1	55.8 - 84.6 *
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	10,456	12.8	11.8 - 13.8	7,287	10.9	9.8 - 12.1	3,169	16.8	14.9 - 18.7
Alabama	461	10.3	6.7 - 14.8	338	10.2	6.2 - 15.5	123	10.4	4.4 - 19.3 *
Alaska	-	-		-	-		-	-	
Arizona	45	-		33	-		12	-	
Arkansas	133	8.5	3.7 - 15.7 *	102	3.3	1.1 - 7.7	31	8.5	0.8 - 28.1 *
California	551	15.2	11.1 - 19.8	355	11.4	7.4 - 16.2	196	19.4	12.5 - 27.5 *
CA - Greater California	189	18.0	11.3 - 25.9 *	127	12.4	7.6 - 18.5	62	24.5	11.7 - 39.8 *
CA - Greater Bay Area	134	14.9	8.3 - 23.2 *	80	-		54	21.6	10.3 - 35.6 *
CA - Los Angeles	228	12.2	7.2 - 18.5 *	148	10.2	4.8 - 18.0 *	80	15.5	6.9 - 27.3 *
Colorado	33	-		21	-		12	-	
Connecticut	100	11.6	5.9 - 19.4	69	3.3	0.3 - 14.0 *	31	12.5	2.2 - 32.3 *
Delaware	40	9.6	1.8 - 25.5 *	29	-		11	-	
Florida	664	14.2	10.6 - 18.2	471	10.7	7.4 - 14.8	193	20.5	13.1 - 29.1 *
Georgia	846	11.6	8.7 - 15.1	611	11.3	7.6 - 15.8	235	11.1	6.7 - 16.6
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	601	10.8	7.2 - 15.2	405	11.6	7.6 - 16.6 *	196	12.4	6.7 - 20.0
Iowa	13	-		11	-		-	-	
Kentucky	96	9.0	3.0 - 19.0 *	62	8.5	6.0 - 11.6	34	11.5	1.1 - 35.3 *
Louisiana	460	13.7	9.8 - 18.3 *	332	8.9	4.9 - 14.4 *	128	24.8	16.1 - 34.5 *
Maine	-	-		-	-		-	-	
Maryland	396	17.4	12.4 - 23.0	273	16.3	11.0 - 22.4 *	123	19.3	10.7 - 29.9 *
Michigan	439	11.9	7.9 - 16.7	292	10.5	6.1 - 16.3 *	147	16.7	9.8 - 25.1
MI - Detroit	322	10.1	6.3 - 15.0	211	8.3	4.0 - 14.4 *	111	14.0	7.5 - 22.3
Minnesota	57	27.2	13.6 - 42.8 *	28	-		29	13.0	2.5 - 32.6 *
Mississippi	416	11.7	7.9 - 16.3 *	331	11.4	7.3 - 16.6 *	85	12.6	5.3 - 23.3 *
Missouri	210	13.6	8.1 - 20.5 *	142	15.4	8.4 - 24.4 *	68	8.9	2.7 - 19.7 *
Montana	-	-		-	-		-	-	
Nebraska	25	-		16	0.0		-	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	339	11.3	7.2 - 16.5 *	217	9.2	5.7 - 13.8	122	12.8	5.8 - 22.7 *
New Mexico	-	-		-	-		-	-	
New York	923	12.0	9.1 - 15.2	619	8.8	6.0 - 12.2	304	18.6	13.1 - 24.8 *
North Carolina	644	13.6	10.0 - 17.6	462	12.5	8.7 - 17.0	182	18.0	11.3 - 25.9 *
North Dakota	-	-		-	-		-	-	
Ohio	331	11.6	7.2 - 17.0 *	213	9.9	5.1 - 16.6 *	118	14.0	6.7 - 23.9 *
Oklahoma	63	21.7	10.6 - 35.4 *	44	20.1	8.0 - 36.1 *	19	-	
Oregon	16	-		-	-		-	-	
Pennsylvania	450	16.7	12.0 - 22.0	274	12.4	7.5 - 18.7	176	21.1	14.2 - 28.9
Rhode Island	16	-		12	-		-	-	
South Carolina	523	7.9	5.2 - 11.2	401	7.4	5.0 - 10.5	122	10.5	5.0 - 18.3 *
Tennessee	309	11.6	7.4 - 16.9 *	230	11.1	6.4 - 17.2 *	79	13.5	5.9 - 24.3 *
Texas	597	11.2	7.3 - 16.0	423	9.8	5.0 - 16.3	174	13.2	7.1 - 21.2 *
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	461	16.5	12.3 - 21.3	327	17.7	12.2 - 24.0	134	15.6	8.6 - 24.4 *
Washington	35	-		26	-		-	-	
WA - Seattle	29	-		22	-		-	-	
West Virginia	16	-		11	-		-	-	
Wisconsin	120	15.9	7.4 - 27.3 *	78	8.4	2.0 - 21.0 *	42	-	
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	23,589	33.0	32.1 - 33.8	13,459	28.5	27.3 - 29.6	10,130	39.2	37.9 - 40.6
Alabama	841	29.8	25.4 - 34.4	474	21.7	16.6 - 27.3	367	40.0	32.9 - 46.9
Alaska	11	-	-	-	-	-	-	-	-
Arizona	109	31.8	19.7 - 44.5	64	29.3	17.5 - 42.0	45	36.9	20.3 - 53.6 *
Arkansas	240	27.5	19.9 - 35.7	153	19.0	10.7 - 29.1	87	38.2	25.9 - 50.5
California	1,475	30.5	27.2 - 33.8	847	24.5	20.3 - 28.9	628	38.1	32.8 - 43.3
CA - Greater California	498	28.4	23.2 - 33.8	306	25.6	19.0 - 32.7 *	192	35.1	26.4 - 44.0
CA - Greater Bay Area	332	35.2	28.4 - 42.1	180	22.4	15.9 - 29.6	152	44.1	33.6 - 54.0 *
CA - Los Angeles	645	28.7	24.0 - 33.5	361	24.1	18.2 - 30.4 *	284	35.8	29.0 - 42.6
Colorado	102	44.2	30.7 - 56.9 *	74	35.2	19.7 - 51.1 *	28	-	-
Connecticut	288	34.9	26.7 - 43.3 *	155	26.7	17.7 - 36.5	133	41.3	29.1 - 53.1 *
Delaware	114	25.4	15.3 - 36.6 *	69	21.4	10.4 - 34.8 *	45	31.7	15.3 - 49.6 *
Florida	1,806	34.3	31.2 - 37.5	1,081	30.9	26.9 - 34.9	725	38.7	33.7 - 43.6
Georgia	1,633	30.8	27.5 - 34.2	921	24.4	20.6 - 28.4	712	40.5	35.3 - 45.6
Hawaii	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	1,319	30.1	26.6 - 33.6	749	24.8	20.5 - 29.4	570	37.4	32.2 - 42.7
Iowa	38	19.7	6.8 - 37.6 *	16	-	-	22	-	-
Kentucky	178	39.7	29.5 - 49.7	102	31.2	19.7 - 43.4 *	76	46.9	30.1 - 61.9
Louisiana	1,090	23.9	20.4 - 27.5	639	22.1	17.6 - 26.8	451	26.5	21.0 - 32.4
Maine	-	-	-	-	-	-	-	-	-
Maryland	949	35.9	31.5 - 40.3	501	29.2	24.1 - 34.5	448	42.1	35.4 - 48.8
Michigan	916	32.2	27.8 - 36.6	500	30.1	24.1 - 36.2	416	36.3	30.0 - 42.6
MI - Detroit	684	24.5	20.0 - 29.2	372	23.4	17.3 - 30.0	312	27.2	20.7 - 34.0
Minnesota	120	27.5	17.9 - 37.9	71	34.6	20.6 - 49.0 *	49	29.3	15.7 - 44.4 *
Mississippi	664	25.2	20.8 - 29.9	401	20.2	15.3 - 25.7 *	263	30.1	22.6 - 38.0
Missouri	397	30.7	24.8 - 36.8	243	27.4	20.0 - 35.4	154	31.6	22.1 - 41.6
Montana	-	-	-	-	-	-	-	-	-
Nebraska	41	-	-	27	-	-	14	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
New Jersey	815	37.7	33.3 - 42.1	430	31.7	25.5 - 38.0	385	44.0	37.6 - 50.1
New Mexico	20	-	-	10	-	-	10	-	-
New York	2,577	38.8	36.2 - 41.3	1,384	35.9	32.3 - 39.5	1,193	41.4	37.6 - 45.2
North Carolina	1,350	35.2	31.6 - 38.9	736	29.4	24.5 - 34.5	614	42.3	37.0 - 47.4
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	865	32.9	28.3 - 37.7	477	30.1	24.3 - 36.2	388	35.8	28.4 - 43.3
Oklahoma	151	26.9	17.2 - 37.5	93	14.4	7.1 - 24.3	58	41.4	27.3 - 55.0
Oregon	37	48.3	28.2 - 65.7 *	21	-	-	16	-	-
Pennsylvania	845	33.4	29.1 - 37.7	479	26.5	21.0 - 32.2	366	41.6	35.1 - 48.1
Rhode Island	50	37.7	23.3 - 52.1	29	-	-	21	-	-
South Carolina	1,011	30.9	26.8 - 35.0	606	27.2	22.3 - 32.2	405	36.0	29.7 - 42.3
Tennessee	564	29.5	23.9 - 35.2	323	24.6	17.4 - 32.5	241	35.5	27.8 - 43.4
Texas	1,664	30.5	27.2 - 33.8	983	26.9	22.8 - 31.2	681	35.8	30.8 - 40.8
Utah	11	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	890	33.2	28.9 - 37.5	542	29.9	24.5 - 35.5	348	37.2	30.4 - 44.0
Washington	119	37.4	24.5 - 50.4 *	78	38.2	22.5 - 53.8 *	41	-	-
WA - Seattle	111	35.4	21.9 - 49.3 *	67	33.3	16.0 - 51.6 *	44	-	-
West Virginia	43	43.2	26.0 - 59.4 *	26	-	-	17	-	-
Wisconsin	217	33.2	25.1 - 41.4	127	22.0	10.0 - 37.0 *	90	44.5	30.6 - 57.5 *
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Colon & Rectum**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	110,101	57.0	56.5 - 57.5	54,916	54.6	53.9 - 55.3	55,185	59.4	58.7 - 60.0
Alabama	4,136	55.7	53.2 - 58.2	2,078	53.5	49.6 - 57.3	2,058	58.3	54.9 - 61.5
Alaska	44	-		25	-		19	-	
Arizona	523	51.8	45.3 - 57.8	253	47.4	38.8 - 55.6	270	54.3	45.5 - 62.2
Arkansas	1,349	55.0	51.0 - 58.8	649	51.8	45.9 - 57.4	700	56.9	51.5 - 62.0
California	7,333	55.4	53.6 - 57.1	3,684	53.8	51.2 - 56.4	3,649	57.0	54.6 - 59.3
CA - Greater California	2,817	55.0	52.0 - 57.8	1,496	53.2	49.0 - 57.3	1,321	57.1	53.0 - 60.9
CA - Greater Bay Area	1,491	55.6	51.5 - 59.5	742	55.9	50.0 - 61.4	749	55.1	49.5 - 60.5
CA - Los Angeles	3,031	54.9	52.2 - 57.6	1,449	52.9	48.8 - 56.9	1,582	56.9	53.3 - 60.4
Colorado	470	64.6	58.0 - 70.5	264	55.6	45.3 - 64.7	206	74.8	65.2 - 82.1 *
Connecticut	975	60.2	55.3 - 64.7	475	61.7	54.1 - 68.4	500	58.7	52.2 - 64.6
Delaware	511	66.1	59.1 - 72.1	256	66.8	56.0 - 75.6	255	64.6	55.6 - 72.1
Florida	7,621	59.0	57.1 - 60.7	3,962	55.9	53.2 - 58.5	3,659	62.2	59.9 - 64.5
Georgia	8,192	54.9	53.0 - 56.6	4,065	51.1	48.4 - 53.7	4,127	58.4	56.0 - 60.7
Hawaii	46	-		35	-		11	-	
Idaho	13	-		-	-		-	-	
Illinois	6,444	58.9	57.0 - 60.8	3,188	57.2	54.3 - 60.0	3,256	59.7	57.2 - 62.2
Iowa	183	47.4	35.6 - 58.4	104	45.6	28.1 - 61.4	79	47.2	32.0 - 61.1
Kentucky	1,112	51.2	46.6 - 55.6	551	50.4	43.2 - 57.2	561	52.6	46.6 - 58.3
Louisiana	5,066	58.3	55.9 - 60.6	2,584	56.1	52.5 - 59.5	2,482	60.4	57.2 - 63.4
Maine	18	-		10	-		-	-	
Maryland	4,514	59.0	56.7 - 61.3	2,100	57.4	53.8 - 60.8	2,414	59.8	56.7 - 62.8
Michigan	4,314	55.2	52.8 - 57.6	2,105	51.7	48.2 - 55.0	2,209	58.1	54.8 - 61.3
MI - Detroit	3,300	53.7	50.9 - 56.4	1,576	49.3	45.3 - 53.2	1,724	57.3	53.5 - 60.8
Minnesota	471	61.6	52.1 - 69.8	236	65.8	48.4 - 78.6	235	57.8	46.6 - 67.5
Mississippi	3,928	55.3	52.6 - 57.8	1,995	54.2	50.2 - 57.9	1,933	56.2	52.6 - 59.6
Missouri	2,081	55.3	51.8 - 58.7	995	51.8	46.0 - 57.2	1,086	58.3	53.8 - 62.6
Montana	-	-		-	-		-	-	
Nebraska	230	58.6	49.0 - 67.0	124	56.3	41.5 - 68.7 *	106	62.9	51.9 - 72.1
New Hampshire	28	-		19	-		-	-	
New Jersey	3,709	56.2	53.7 - 58.7	1,780	49.3	45.6 - 52.9	1,929	62.1	58.7 - 65.4
New Mexico	83	52.5	35.4 - 67.0 *	41	-		42	-	
New York	9,611	58.7	57.2 - 60.2	4,625	57.0	54.8 - 59.2	4,986	60.3	58.2 - 62.2
North Carolina	6,207	56.7	54.7 - 58.6	3,103	53.0	49.8 - 56.0	3,104	60.0	57.3 - 62.5
North Dakota	11	-		-	-		-	-	
Ohio	3,899	57.0	54.5 - 59.4	1,933	54.6	51.1 - 58.0	1,966	58.8	55.3 - 62.1
Oklahoma	790	52.6	46.6 - 58.2	396	50.6	41.1 - 59.3	394	55.9	48.2 - 62.9
Oregon	165	55.7	44.2 - 65.7	99	51.3	36.7 - 64.0	66	63.3	43.4 - 77.8 *
Pennsylvania	4,163	56.5	54.0 - 58.9	2,009	54.0	50.1 - 57.8	2,154	58.2	55.1 - 61.3
Rhode Island	112	60.6	41.5 - 75.2	49	-		63	74.4	50.7 - 87.9
South Carolina	3,873	56.7	54.1 - 59.2	1,987	54.1	50.5 - 57.6	1,886	58.9	55.2 - 62.3
Tennessee	3,016	54.9	52.1 - 57.7	1,466	53.2	48.7 - 57.5	1,550	56.1	52.3 - 59.7
Texas	8,634	56.9	55.1 - 58.6	4,448	55.2	52.8 - 57.6	4,186	58.4	55.9 - 60.8
Utah	49	31.3	15.8 - 48.2 *	31	-		18	-	
Vermont	-	-		-	-		-	-	
Virginia	4,479	55.0	52.7 - 57.4	2,226	50.7	47.1 - 54.1	2,253	59.0	55.8 - 61.9
Washington	546	54.7	46.9 - 61.8	322	51.3	41.2 - 60.5	224	58.9	47.3 - 68.8
WA - Seattle	506	53.2	45.4 - 60.5	295	52.7	42.4 - 62.0	211	53.8	42.2 - 64.1
West Virginia	220	51.4	41.1 - 60.8	120	47.5	34.8 - 59.2 *	100	61.4	47.4 - 72.7
Wisconsin	911	60.1	54.8 - 65.0	492	54.8	47.7 - 61.4	419	65.4	57.3 - 72.3
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Liver & Intrahepatic Bile Duct**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	26,729	15.8	15.0 - 16.6	19,708	14.1	13.1 - 15.2	7,021	19.6	18.2 - 21.0
Alabama	625	8.4	5.2 - 12.5 *	456	8.1	4.3 - 13.3 *	169	8.3	3.3 - 16.3 *
Alaska	15	6.8	0.4 - 26.5 *	12	8.5	0.5 - 31.7 *	-	-	-
Arizona	140	23.2	15.4 - 32.0 *	105	24.4	15.5 - 34.5 *	35	19.0	6.0 - 37.6 *
Arkansas	224	10.3	4.6 - 18.7	170	19.2	11.3 - 28.7 *	54	0.0	-
California	2,045	13.4	10.8 - 16.3	1,485	14.0	10.6 - 17.9	560	14.9	10.7 - 19.8 *
CA - Greater California	808	15.1	10.7 - 20.3	594	15.1	9.6 - 21.8	214	20.9	14.1 - 28.7 *
CA - Greater Bay Area	536	14.9	10.2 - 20.4	401	17.4	10.8 - 25.4	135	15.1	7.2 - 25.8 *
CA - Los Angeles	702	11.5	7.8 - 15.9 *	490	10.0	6.5 - 14.4	212	7.7	2.7 - 16.1 *
Colorado	181	27.5	18.9 - 36.7 *	135	18.6	10.2 - 29.0 *	46	49.5	29.8 - 66.5 *
Connecticut	240	15.6	8.8 - 24.2 *	172	18.8	10.1 - 29.5 *	68	9.4	1.9 - 24.4 *
Delaware	157	18.8	9.9 - 29.9 *	116	7.3	3.5 - 12.9	41	31.1	16.4 - 47.1 *
Florida	1,641	15.4	12.5 - 18.6	1,180	15.0	11.7 - 18.7	461	15.9	12.0 - 20.4
Georgia	1,520	12.8	10.1 - 15.8	1,110	14.2	10.1 - 19.0	410	14.2	10.2 - 18.8
Hawaii	18	-	-	18	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	1,151	16.8	13.2 - 20.7	844	17.2	13.7 - 21.0 *	307	19.4	13.4 - 26.4 *
Iowa	67	-	-	49	-	-	18	-	-
Kentucky	263	13.7	8.7 - 19.8 *	198	11.2	6.2 - 17.9 *	65	22.0	11.8 - 34.3 *
Louisiana	1,136	9.8	7.4 - 12.6	907	7.7	5.4 - 10.4	229	14.1	8.2 - 21.5 *
Maine	14	-	-	11	-	-	-	-	-
Maryland	1,239	21.2	17.2 - 25.5	924	17.6	13.3 - 22.4	315	28.0	20.2 - 36.2
Michigan	1,198	21.9	17.9 - 26.3	877	19.0	13.9 - 24.7	321	27.5	21.1 - 34.2 *
MI - Detroit	928	15.8	12.1 - 20.0	673	12.6	8.3 - 17.7	255	23.1	16.6 - 30.3 *
Minnesota	236	32.6	25.0 - 40.3 *	184	29.5	20.8 - 38.6 *	52	40.4	25.0 - 55.3 *
Mississippi	474	13.7	9.3 - 18.9 *	339	11.9	7.2 - 17.8 *	135	17.3	8.8 - 28.1 *
Missouri	616	9.3	5.9 - 13.6	455	9.4	5.8 - 14.0	161	15.5	7.5 - 26.1 *
Montana	-	-	-	-	-	-	-	-	-
Nebraska	65	12.8	7.9 - 19.0	53	11.4	6.1 - 18.6	12	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
New Jersey	778	18.1	13.8 - 22.9	565	14.5	9.4 - 20.8	213	26.7	19.5 - 34.3
New Mexico	21	-	-	12	0.0	-	-	-	-
New York	2,740	18.4	16.2 - 20.8	1,932	16.5	13.7 - 19.5	808	23.0	19.2 - 26.9
North Carolina	1,352	14.0	10.3 - 18.1	986	13.9	11.0 - 17.2 *	366	18.9	12.7 - 26.0
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	1,066	16.7	12.7 - 21.1	764	16.8	10.9 - 23.8	302	18.5	12.9 - 25.0
Oklahoma	160	12.4	5.6 - 22.0 *	113	8.1	2.5 - 18.2 *	47	26.5	12.3 - 43.2 *
Oregon	75	-	-	63	-	-	12	-	-
Pennsylvania	1,575	17.3	13.9 - 21.0	1,201	15.4	11.7 - 19.5	374	21.9	15.7 - 28.9 *
Rhode Island	38	31.2	14.1 - 50.0 *	25	-	-	13	-	-
South Carolina	718	12.6	9.2 - 16.5 *	527	11.9	7.9 - 16.8 *	191	14.2	8.5 - 21.3 *
Tennessee	658	14.0	9.6 - 19.3	466	10.6	6.0 - 16.8	192	23.9	16.0 - 32.7 *
Texas	2,606	13.7	11.1 - 16.5	1,967	11.1	9.0 - 13.5 *	639	18.6	14.0 - 23.7
Utah	23	20.3	5.4 - 41.8 *	21	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	968	13.4	9.9 - 17.4	728	11.5	7.8 - 16.1	240	17.0	10.3 - 25.0 *
Washington	265	19.4	12.2 - 27.9	201	21.6	12.6 - 32.3	64	11.2	3.2 - 24.9 *
WA - Seattle	253	16.5	9.6 - 25.1	193	19.2	10.2 - 30.5	60	8.5	1.7 - 22.7 *
West Virginia	70	-	-	57	-	-	13	-	-
Wisconsin	323	23.8	17.2 - 31.1 *	257	22.5	15.2 - 30.8 *	66	27.6	14.0 - 43.2 *
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Pancreas

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	34,932	11.0	10.6 - 11.5	16,306	9.2	8.5 - 9.9	18,626	12.8	12.1 - 13.5
Alabama	1,197	10.1	8.0 - 12.5	528	5.8	3.2 - 9.5 *	669	13.3	10.3 - 16.7
Alaska	-	-		-	-		-	-	
Arizona	195	7.0	2.7 - 14.0 *	95	4.0	0.4 - 14.9 *	100	10.7	3.8 - 21.6 *
Arkansas	407	9.4	6.5 - 13.0	195	8.5	4.1 - 15.2 *	212	8.7	4.5 - 14.4 *
California	2,332	9.6	8.0 - 11.4	1,141	6.3	4.3 - 8.7 *	1,191	12.2	9.8 - 14.8
CA - Greater California	878	10.0	7.5 - 13.0	457	4.7	2.0 - 9.2 *	421	13.7	9.9 - 18.1
CA - Greater Bay Area	525	8.5	5.5 - 12.4 *	254	5.2	1.9 - 11.0 *	271	11.3	6.8 - 17.0 *
CA - Los Angeles	929	9.9	7.4 - 12.7	430	7.9	5.0 - 11.7 *	499	9.5	6.4 - 13.2 *
Colorado	141	-		68	-		73	-	
Connecticut	335	8.2	3.7 - 15.0 *	160	9.9	3.0 - 21.8 *	175	6.8	2.0 - 15.8 *
Delaware	193	4.8	1.2 - 12.3 *	84	10.6	3.4 - 22.6 *	109	2.5	0.2 - 10.9 *
Florida	2,345	14.6	12.5 - 16.8	1,084	13.2	10.3 - 16.6	1,261	15.3	12.5 - 18.3
Georgia	2,403	9.6	7.8 - 11.7	1,113	7.9	5.7 - 10.7	1,290	11.3	8.9 - 14.1
Hawaii	15	-		11	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,862	12.9	10.8 - 15.1	861	11.2	8.5 - 14.2	1,001	14.9	12.1 - 18.0
Iowa	68	0.0		33	0.0		35	0.0	
Kentucky	336	11.6	7.8 - 16.2	162	13.3	7.4 - 20.9 *	174	10.1	5.2 - 16.8
Louisiana	1,351	5.9	4.3 - 8.0 *	661	4.4	2.2 - 7.8 *	690	7.1	4.8 - 9.9 *
Maine	-	-		-	-		-	-	
Maryland	1,573	14.4	12.0 - 17.0	727	10.8	7.9 - 14.3	846	17.2	13.7 - 21.0
Michigan	1,595	12.2	10.1 - 14.5	745	11.2	8.5 - 14.5	850	12.9	9.9 - 16.4
MI - Detroit	1,225	9.1	7.1 - 11.4	568	7.9	5.2 - 11.1 *	657	10.1	7.3 - 13.5
Minnesota	160	12.7	6.6 - 20.8 *	86	11.8	4.7 - 22.6 *	74	15.1	6.4 - 27.2 *
Mississippi	985	9.2	7.0 - 11.7	485	7.9	5.2 - 11.5 *	500	10.8	7.8 - 14.3
Missouri	725	8.6	5.7 - 12.2	349	6.9	3.5 - 11.9 *	376	11.7	7.4 - 17.0
Montana	-	-		-	-		-	-	
Nebraska	73	-		36	-		37	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	1,215	9.6	7.4 - 12.2	533	7.1	4.2 - 11.1 *	682	11.6	8.5 - 15.2
New Mexico	25	0.0		16	0.0		-	-	
New York	3,279	13.5	11.9 - 15.2	1,472	10.2	8.0 - 12.7	1,807	16.0	13.8 - 18.4
North Carolina	2,055	9.7	7.9 - 11.7	955	7.4	5.1 - 10.2 *	1,100	11.6	9.0 - 14.6
North Dakota	-	-		-	-		-	-	
Ohio	1,278	9.8	7.7 - 12.2	574	6.0	3.7 - 9.0 *	704	12.8	9.6 - 16.5
Oklahoma	240	7.2	3.3 - 13.2 *	125	9.7	4.3 - 17.6 *	115	3.3	0.3 - 13.2 *
Oregon	57	9.2	2.6 - 21.1 *	28	-		29	10.6	2.0 - 27.7 *
Pennsylvania	1,477	10.2	8.1 - 12.5	647	10.4	7.5 - 13.8	830	10.0	7.2 - 13.4
Rhode Island	47	-		24	0.0		23	-	
South Carolina	1,363	7.5	5.7 - 9.6 *	648	6.1	3.8 - 9.1 *	715	8.7	6.1 - 11.8 *
Tennessee	898	9.5	6.9 - 12.5	411	9.6	6.2 - 13.9 *	487	10.3	7.0 - 14.4
Texas	2,510	12.8	11.1 - 14.7	1,165	11.4	9.0 - 14.0	1,345	14.1	11.7 - 16.8
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	1,576	9.5	7.5 - 11.7	764	8.9	6.4 - 11.9	812	9.6	6.5 - 13.3
Washington	208	11.7	6.8 - 18.1 *	121	15.1	8.1 - 24.1 *	87	5.1	0.6 - 17.3 *
WA - Seattle	191	10.1	5.0 - 17.4 *	109	11.5	4.9 - 21.3 *	82	6.4	0.8 - 20.8 *
West Virginia	62	-		27	-		35	-	
Wisconsin	305	15.5	10.3 - 21.6 *	149	14.9	7.9 - 23.9 *	156	16.1	9.1 - 24.8 *
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	11,744	50.9	49.1 - 52.6	9,326	50.0	48.0 - 52.0	2,418	53.4	49.9 - 56.8
Alabama	421	51.9	40.1 - 62.5	358	50.5	37.9 - 61.8	63	51.2	30.8 - 68.4 *
Alaska	-	-		-	-		-	-	
Arizona	35	-		27	0.0		-	-	
Arkansas	164	47.5	35.0 - 59.0	131	48.1	34.3 - 60.6	33	-	
California	561	51.9	45.2 - 58.1	447	53.3	46.0 - 60.1	114	47.6	33.7 - 60.2
CA - Greater California	204	48.3	36.5 - 59.1	169	46.4	34.4 - 57.6	35	-	
CA - Greater Bay Area	125	43.1	31.4 - 54.2	103	47.0	34.2 - 58.7	22	-	
CA - Los Angeles	232	56.7	46.2 - 65.9	175	60.4	49.2 - 69.8	57	47.3	28.3 - 64.3
Colorado	43	64.9	45.8 - 78.6 *	32	-		11	-	
Connecticut	104	49.2	31.6 - 64.6	83	56.3	35.1 - 72.9	21	-	
Delaware	54	19.4	9.2 - 32.4	38	25.3	9.7 - 44.4 *	16	-	
Florida	703	47.7	40.7 - 54.4	601	47.7	40.2 - 54.9	102	46.2	27.4 - 63.1
Georgia	815	47.1	40.5 - 53.4	678	45.1	37.4 - 52.6	137	47.6	35.0 - 59.1
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	712	55.9	48.2 - 62.9	540	51.7	42.6 - 60.1	172	62.7	52.7 - 71.2
Iowa	23	-		21	-		-	-	
Kentucky	151	56.0	40.1 - 69.3	116	60.2	46.9 - 71.2	35	-	
Louisiana	650	54.6	46.3 - 62.2	527	53.2	44.1 - 61.5	123	56.3	43.2 - 67.6 *
Maine	-	-		-	-		-	-	
Maryland	448	53.1	45.6 - 60.1	351	48.7	39.9 - 56.9	97	61.4	46.2 - 73.5
Michigan	532	49.5	41.8 - 56.8	406	50.4	41.6 - 58.4	126	42.0	29.1 - 54.4 *
MI - Detroit	396	47.8	38.9 - 56.0	298	47.2	37.2 - 56.6	98	41.0	26.0 - 55.5 *
Minnesota	66	67.6	48.8 - 80.8 *	51	72.1	49.2 - 86.0 *	15	-	
Mississippi	494	41.9	32.4 - 51.0	414	38.9	28.7 - 49.0	80	53.0	35.6 - 67.7 *
Missouri	242	56.2	45.8 - 65.4 *	190	55.9	44.2 - 66.0 *	52	-	
Montana	-	-		-	-		-	-	
Nebraska	23	-		19	-		-	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	314	38.8	30.4 - 47.2 *	230	40.2	30.6 - 49.6 *	84	33.1	17.9 - 49.2 *
New Mexico	-	-		-	-		-	-	
New York	877	46.8	41.3 - 52.2	672	45.6	39.0 - 51.9	205	47.0	37.2 - 56.2
North Carolina	804	53.8	46.3 - 60.7	644	53.0	44.9 - 60.6	160	60.3	47.9 - 70.6 *
North Dakota	-	-		-	-		-	-	
Ohio	456	53.9	45.1 - 61.9	337	50.8	41.5 - 59.4	119	60.3	47.3 - 71.1
Oklahoma	91	50.4	35.8 - 63.3 *	71	48.2	31.4 - 63.1 *	20	-	
Oregon	16	-		16	-		-	-	
Pennsylvania	489	60.4	54.0 - 66.2 *	354	61.7	53.9 - 68.5 *	135	49.7	39.3 - 59.3
Rhode Island	15	-		12	-		-	-	
South Carolina	564	44.9	37.8 - 51.8	479	41.6	34.0 - 48.9	85	64.1	48.6 - 76.0
Tennessee	342	47.2	39.0 - 54.9 *	257	47.3	37.6 - 56.3 *	85	37.0	22.6 - 51.5
Texas	827	45.6	39.4 - 51.7	653	45.6	38.3 - 52.6	174	48.0	37.1 - 58.1
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	484	57.9	50.7 - 64.5	399	59.2	52.4 - 65.3 *	85	43.2	25.8 - 59.5 *
Washington	62	45.2	25.9 - 62.6	47	-		15	-	
WA - Seattle	57	45.0	25.7 - 62.6	43	-		14	-	
West Virginia	20	-		12	0.0		-	-	
Wisconsin	113	50.4	34.1 - 64.6 *	90	45.1	26.6 - 62.0 *	23	-	
Wyoming	-	-		-	-		-	-	

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* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Lung & Bronchus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	145,617	18.7	18.3 - 19.0	80,908	15.3	14.9 - 15.7	64,709	22.7	22.3 - 23.2
Alabama	4,910	14.2	12.7 - 15.7	3,135	11.8	10.0 - 13.7	1,775	17.5	15.0 - 20.2
Alaska	54	10.3	2.2 - 25.9 *	39	10.3	2.0 - 26.7 *	15	-	-
Arizona	688	19.6	15.4 - 24.2	375	14.6	9.6 - 20.5	313	21.2	15.5 - 27.6
Arkansas	1,946	12.7	10.3 - 15.3	1,231	11.0	8.3 - 14.2	715	15.6	11.6 - 20.3
California	9,030	16.7	15.5 - 17.9	4,731	14.4	12.8 - 16.0	4,299	19.4	17.6 - 21.2
CA - Greater California	3,385	17.4	15.5 - 19.4	1,842	13.3	11.0 - 15.9	1,543	22.0	19.1 - 25.2
CA - Greater Bay Area	2,031	18.7	16.1 - 21.5	1,054	16.9	13.4 - 20.7	977	21.1	17.4 - 25.1
CA - Los Angeles	3,617	14.4	12.7 - 16.2	1,837	13.3	11.2 - 15.6 *	1,780	15.4	13.0 - 18.0
Colorado	539	21.0	16.1 - 26.3 *	301	22.2	15.8 - 29.3 *	238	19.1	12.2 - 27.1 *
Connecticut	1,233	25.5	22.0 - 29.1	649	21.5	17.2 - 26.1	584	30.0	24.7 - 35.4
Delaware	778	19.1	15.0 - 23.6	401	17.0	12.0 - 22.9 *	377	20.7	14.7 - 27.4
Florida	8,590	19.1	17.8 - 20.4	5,018	14.2	12.8 - 15.8	3,572	25.2	23.1 - 27.4
Georgia	9,462	16.4	15.3 - 17.6	5,550	12.6	11.2 - 14.1	3,912	21.4	19.5 - 23.3
Hawaii	48	-	-	33	-	-	15	-	-
Idaho	15	-	-	11	-	-	-	-	-
Illinois	8,919	20.9	19.5 - 22.2	4,587	17.1	15.4 - 18.9	4,332	24.8	22.8 - 26.8
Iowa	297	15.9	10.3 - 22.5 *	164	12.1	5.3 - 21.8 *	133	16.8	10.0 - 25.1
Kentucky	1,841	21.0	18.3 - 23.8	970	18.3	14.8 - 22.1	871	24.0	20.0 - 28.2
Louisiana	6,519	14.3	12.9 - 15.7	4,013	11.7	10.1 - 13.5	2,506	18.0	15.7 - 20.4
Maine	23	-	-	13	-	-	10	-	-
Maryland	5,875	23.1	21.4 - 24.8	2,909	20.0	17.7 - 22.4	2,966	26.2	23.8 - 28.7
Michigan	6,722	22.5	21.0 - 24.1	3,529	20.6	18.5 - 22.8	3,193	24.5	22.3 - 26.9
MI - Detroit	5,006	19.0	17.3 - 20.8	2,586	17.7	15.4 - 20.0	2,420	20.3	17.8 - 22.8
Minnesota	605	25.7	20.4 - 31.3	334	17.1	11.3 - 23.9	271	35.9	27.9 - 44.0
Mississippi	4,735	13.7	12.2 - 15.3	3,006	11.9	10.0 - 13.9	1,729	17.3	14.8 - 20.0 *
Missouri	3,423	17.9	15.9 - 20.0	1,788	16.1	13.6 - 18.8	1,635	20.1	17.1 - 23.3
Montana	10	-	-	-	-	-	-	-	-
Nebraska	305	18.5	13.0 - 24.9 *	166	16.0	9.3 - 24.3 *	139	21.3	12.8 - 31.1 *
New Hampshire	27	14.7	3.7 - 32.8 *	15	8.5	0.5 - 31.4 *	12	-	-
New Jersey	4,397	18.6	16.9 - 20.4	2,188	13.9	11.9 - 16.0 *	2,209	23.6	21.0 - 26.3
New Mexico	132	16.1	8.9 - 25.1 *	81	10.7	3.8 - 21.9 *	51	23.6	11.1 - 38.6 *
New York	11,261	20.6	19.5 - 21.7	5,817	16.0	14.5 - 17.5	5,444	25.2	23.6 - 26.9
North Carolina	9,085	19.6	18.3 - 21.0	5,382	16.2	14.5 - 17.9	3,703	24.2	22.1 - 26.5
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	6,657	19.6	18.1 - 21.1	3,433	16.3	14.4 - 18.3	3,224	22.9	20.8 - 25.2
Oklahoma	1,150	17.5	14.5 - 20.8	655	16.3	12.6 - 20.5	495	19.9	15.4 - 24.9
Oregon	260	22.2	15.7 - 29.3 *	155	26.0	18.1 - 34.5	105	14.3	6.6 - 24.9 *
Pennsylvania	6,815	21.6	20.2 - 23.1	3,311	17.1	15.2 - 19.2	3,504	25.9	23.9 - 28.1
Rhode Island	205	20.3	13.2 - 28.5 *	98	15.4	7.0 - 27.0 *	107	24.9	14.9 - 36.2 *
South Carolina	5,319	15.5	13.9 - 17.2	3,236	12.9	10.9 - 14.9	2,083	19.6	16.9 - 22.5
Tennessee	4,326	15.9	14.2 - 17.7	2,476	12.7	10.6 - 15.0	1,850	19.7	17.0 - 22.6
Texas	10,562	18.3	17.1 - 19.5	6,053	14.6	13.0 - 16.2	4,509	22.5	20.8 - 24.3
Utah	47	-	-	26	-	-	21	0.0	-
Vermont	10	0.0	-	-	-	-	-	-	-
Virginia	6,248	17.4	15.9 - 19.0	3,573	15.2	13.3 - 17.2	2,675	20.2	17.9 - 22.7
Washington	742	23.3	19.1 - 27.8 *	430	15.8	11.1 - 21.3	312	32.6	25.7 - 39.7 *
WA - Seattle	687	24.6	20.1 - 29.4 *	394	17.0	12.1 - 22.7	293	32.8	25.5 - 40.3 *
West Virginia	292	9.3	4.5 - 16.2 *	181	2.9	0.3 - 11.3 *	111	17.7	8.7 - 29.2 *
Wisconsin	1,498	22.1	18.8 - 25.5	822	21.1	16.6 - 26.0	676	23.2	18.7 - 28.0
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Melanoma of the Skin**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	2,319	67.7	64.7 - 70.5	1,078	58.3	53.4 - 62.9	1,241	74.4	70.7 - 77.6
Alabama	68	67.1	45.3 - 81.8 *	32	-		36	-	
Alaska	-	-		-	-		-	-	
Arizona	18	-		11	-		-	-	
Arkansas	30	-		14	-		16	-	
California	162	68.0	57.5 - 76.4	87	53.6	34.4 - 69.5 *	75	75.0	62.0 - 84.1
CA - Greater California	75	-		35	-		40	-	
CA - Greater Bay Area	29	-		15	-		14	-	
CA - Los Angeles	59	52.6	32.3 - 69.3 *	38	-		21	-	
Colorado	-	-		-	-		-	-	
Connecticut	29	-		13	-		16	-	
Delaware	19	-		-	-		16	-	
Florida	212	69.7	59.7 - 77.6	112	61.9	46.1 - 74.4	100	72.5	56.8 - 83.3 *
Georgia	171	60.3	45.0 - 72.6	72	-		99	73.9	62.3 - 82.5
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	87	67.6	52.3 - 78.9	37	-		50	77.3	53.4 - 89.9
Iowa	-	-		-	-		-	-	
Kentucky	27	-		12	0.0		15	-	
Louisiana	93	56.9	40.5 - 70.4	44	-		49	-	
Maine	-	-		-	-		-	-	
Maryland	108	65.4	52.0 - 76.0	54	67.6	45.6 - 82.2 *	54	67.2	50.5 - 79.3
Michigan	80	65.8	52.7 - 76.1	30	-		50	64.6	41.7 - 80.4 *
MI - Detroit	52	-		15	-		37	-	
Minnesota	15	-		-	-		-	-	
Mississippi	60	-		30	-		30	-	
Missouri	25	-		14	-		11	-	
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		-	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	83	67.6	52.1 - 79.0 *	36	-		47	76.3	55.1 - 88.4 *
New Mexico	-	-		-	-		-	-	
New York	231	69.6	59.6 - 77.6	100	56.2	38.5 - 70.7 *	131	79.4	68.8 - 86.7
North Carolina	133	63.2	50.6 - 73.4	70	47.3	29.0 - 63.6 *	63	60.7	47.2 - 71.7
North Dakota	-	-		-	-		-	-	
Ohio	73	70.9	57.6 - 80.7	27	-		46	63.8	44.3 - 78.0 *
Oklahoma	25	-		13	-		12	-	
Oregon	-	-		-	-		-	-	
Pennsylvania	79	63.5	46.7 - 76.2	40	-		39	71.2	48.3 - 85.3 *
Rhode Island	-	-		-	-		-	-	
South Carolina	75	64.1	48.4 - 76.2	23	-		52	75.8	58.6 - 86.7
Tennessee	55	-		26	-		29	-	
Texas	185	66.1	55.3 - 74.9	82	61.9	45.1 - 74.9 *	103	66.5	47.9 - 79.8 *
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	96	57.5	42.7 - 69.8 *	49	59.7	39.3 - 75.3 *	47	-	
Washington	20	-		10	-		10	-	
WA - Seattle	16	0.0		11	0.0		-	-	
West Virginia	-	-		-	-		-	-	
Wisconsin	19	-		-	-		10	-	
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Female Breast

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		171,619	80.8	80.3 - 81.2
Alabama	-	-		-	-		5,937	81.4	79.2 - 83.4
Alaska	-	-		-	-		80	76.9	56.5 - 88.6
Arizona	-	-		-	-		867	78.7	71.2 - 84.5
Arkansas	-	-		-	-		1,802	79.9	74.7 - 84.2
California	-	-		-	-		11,316	81.2	79.5 - 82.8
CA - Greater California	-	-		-	-		4,267	81.7	78.7 - 84.4
CA - Greater Bay Area	-	-		-	-		2,262	84.1	80.4 - 87.2
CA - Los Angeles	-	-		-	-		4,794	79.2	76.7 - 81.6
Colorado	-	-		-	-		759	86.4	79.2 - 91.3
Connecticut	-	-		-	-		1,635	86.9	82.4 - 90.3
Delaware	-	-		-	-		967	82.6	75.6 - 87.8
Florida	-	-		-	-		11,616	80.5	78.9 - 82.1
Georgia	-	-		-	-		13,177	77.3	75.5 - 78.9
Hawaii	-	-		-	-		72	74.0	52.7 - 86.8
Idaho	-	-		-	-		14	-	
Illinois	-	-		-	-		9,206	83.1	81.5 - 84.7
Iowa	-	-		-	-		226	77.3	56.9 - 88.9
Kentucky	-	-		-	-		1,517	79.2	74.5 - 83.1
Louisiana	-	-		-	-		6,742	78.8	76.3 - 81.0
Maine	-	-		-	-		28	81.0	54.6 - 92.9 *
Maryland	-	-		-	-		8,823	84.9	82.9 - 86.6
Michigan	-	-		-	-		6,544	79.4	77.1 - 81.5
MI - Detroit	-	-		-	-		5,022	79.6	77.0 - 82.0
Minnesota	-	-		-	-		698	73.7	63.2 - 81.6
Mississippi	-	-		-	-		4,667	73.2	70.3 - 75.9
Missouri	-	-		-	-		3,324	77.7	74.3 - 80.7
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		271	76.5	62.8 - 85.6
New Hampshire	-	-		-	-		34	-	
New Jersey	-	-		-	-		5,991	78.7	76.4 - 80.9
New Mexico	-	-		-	-		119	76.8	60.1 - 87.3
New York	-	-		-	-		15,690	81.5	80.2 - 82.7
North Carolina	-	-		-	-		10,616	82.0	80.2 - 83.7
North Dakota	-	-		-	-		-	-	
Ohio	-	-		-	-		6,463	80.9	78.7 - 83.0
Oklahoma	-	-		-	-		1,161	81.2	76.1 - 85.3
Oregon	-	-		-	-		255	81.5	72.5 - 87.8
Pennsylvania	-	-		-	-		6,628	83.0	80.8 - 84.9
Rhode Island	-	-		-	-		229	83.9	68.9 - 92.1
South Carolina	-	-		-	-		6,300	81.1	78.9 - 83.1
Tennessee	-	-		-	-		4,858	78.7	75.7 - 81.5
Texas	-	-		-	-		12,543	79.3	77.5 - 80.9
Utah	-	-		-	-		49	83.2	65.2 - 92.4 *
Vermont	-	-		-	-		13	-	
Virginia	-	-		-	-		7,812	80.4	78.3 - 82.4
Washington	-	-		-	-		893	82.2	75.5 - 87.3
WA - Seattle	-	-		-	-		851	83.4	76.6 - 88.4
West Virginia	-	-		-	-		284	75.0	59.6 - 85.2
Wisconsin	-	-		-	-		1,374	78.5	71.6 - 84.0
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		13,225	55.2	54.0 - 56.4
Alabama	-	-		-	-		474	48.2	42.4 - 53.7
Alaska	-	-		-	-		-	-	
Arizona	-	-		-	-		63	52.7	34.5 - 68.0 *
Arkansas	-	-		-	-		192	50.5	40.8 - 59.4 *
California	-	-		-	-		689	47.2	41.4 - 52.8
CA - Greater California	-	-		-	-		286	47.3	38.2 - 55.8
CA - Greater Bay Area	-	-		-	-		104	58.1	44.8 - 69.2 *
CA - Los Angeles	-	-		-	-		299	45.1	37.0 - 52.8
Colorado	-	-		-	-		41	62.4	41.3 - 77.7 *
Connecticut	-	-		-	-		107	60.7	48.6 - 70.8
Delaware	-	-		-	-		69	62.2	45.2 - 75.3
Florida	-	-		-	-		1,226	58.6	54.8 - 62.3
Georgia	-	-		-	-		899	51.9	47.5 - 56.1
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	-	-		-	-		781	54.1	49.0 - 58.8
Iowa	-	-		-	-		17	-	
Kentucky	-	-		-	-		93	58.7	45.5 - 69.7
Louisiana	-	-		-	-		571	53.5	47.4 - 59.2
Maine	-	-		-	-		-	-	
Maryland	-	-		-	-		514	60.3	54.6 - 65.5
Michigan	-	-		-	-		408	52.4	45.1 - 59.3
MI - Detroit	-	-		-	-		325	50.1	42.3 - 57.3
Minnesota	-	-		-	-		55	63.4	43.4 - 77.9 *
Mississippi	-	-		-	-		458	49.3	43.6 - 54.7
Missouri	-	-		-	-		249	49.3	41.9 - 56.3
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		25	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	-	-		-	-		530	44.9	39.1 - 50.5
New Mexico	-	-		-	-		-	-	
New York	-	-		-	-		1,424	59.8	56.4 - 63.0
North Carolina	-	-		-	-		665	55.2	50.0 - 60.0
North Dakota	-	-		-	-		-	-	
Ohio	-	-		-	-		385	53.5	46.6 - 59.9
Oklahoma	-	-		-	-		69	60.2	45.7 - 72.0 *
Oregon	-	-		-	-		15	-	
Pennsylvania	-	-		-	-		534	58.2	52.4 - 63.5
Rhode Island	-	-		-	-		11	100.0	
South Carolina	-	-		-	-		456	51.2	44.9 - 57.2
Tennessee	-	-		-	-		423	50.0	44.5 - 55.3
Texas	-	-		-	-		1,103	53.1	48.8 - 57.3
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	-	-		-	-		445	60.4	53.8 - 66.3
Washington	-	-		-	-		52	67.9	48.7 - 81.2 *
WA - Seattle	-	-		-	-		43	68.0	46.6 - 82.3 *
West Virginia	-	-		-	-		10	-	
Wisconsin	-	-		-	-		142	63.4	53.0 - 72.1 *
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		36,395	58.2	57.3 - 59.0
Alabama	-	-		-	-		1,046	54.1	49.2 - 58.7
Alaska	-	-		-	-		12	-	
Arizona	-	-		-	-		178	55.3	40.1 - 68.0
Arkansas	-	-		-	-		338	59.2	48.9 - 68.1
California	-	-		-	-		2,402	59.3	55.9 - 62.6
CA - Greater California	-	-		-	-		841	56.7	50.7 - 62.3
CA - Greater Bay Area	-	-		-	-		511	65.2	58.0 - 71.5
CA - Los Angeles	-	-		-	-		1,050	57.2	52.3 - 61.8
Colorado	-	-		-	-		124	51.0	36.6 - 63.7
Connecticut	-	-		-	-		404	58.6	51.0 - 65.4
Delaware	-	-		-	-		211	63.7	53.6 - 72.2
Florida	-	-		-	-		2,757	57.9	54.7 - 61.0
Georgia	-	-		-	-		2,615	51.4	48.1 - 54.6
Hawaii	-	-		-	-		11	-	
Idaho	-	-		-	-		-	-	
Illinois	-	-		-	-		2,045	58.0	54.4 - 61.3
Iowa	-	-		-	-		57	64.9	43.4 - 79.9 *
Kentucky	-	-		-	-		286	61.1	52.5 - 68.5
Louisiana	-	-		-	-		1,158	53.4	48.5 - 58.0
Maine	-	-		-	-		10	-	
Maryland	-	-		-	-		1,842	58.4	54.2 - 62.4
Michigan	-	-		-	-		1,474	59.8	55.4 - 63.9
MI - Detroit	-	-		-	-		1,091	57.5	52.5 - 62.2
Minnesota	-	-		-	-		145	63.2	49.7 - 74.0
Mississippi	-	-		-	-		907	58.2	53.3 - 62.8
Missouri	-	-		-	-		679	54.2	48.4 - 59.5
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		48	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	-	-		-	-		1,407	56.1	51.7 - 60.3
New Mexico	-	-		-	-		32	-	
New York	-	-		-	-		4,426	58.9	56.5 - 61.1
North Carolina	-	-		-	-		2,155	60.2	56.5 - 63.7
North Dakota	-	-		-	-		-	-	
Ohio	-	-		-	-		1,306	58.0	53.3 - 62.4
Oklahoma	-	-		-	-		227	53.6	41.3 - 64.5
Oregon	-	-		-	-		51	-	
Pennsylvania	-	-		-	-		1,560	58.6	54.6 - 62.3
Rhode Island	-	-		-	-		43	-	
South Carolina	-	-		-	-		1,381	59.1	54.9 - 63.1
Tennessee	-	-		-	-		872	54.6	48.9 - 59.9
Texas	-	-		-	-		2,272	58.3	54.6 - 61.8
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	-	-		-	-		1,389	56.1	51.7 - 60.3
Washington	-	-		-	-		153	64.9	52.4 - 74.9
WA - Seattle	-	-		-	-		147	68.6	54.9 - 78.9
West Virginia	-	-		-	-		51	-	
Wisconsin	-	-		-	-		288	63.8	53.1 - 72.6
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Black

III-66 Survival – Corpus & Uterus, NOS

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		-	-		12,659	34.4	33.2 - 35.6
Alabama	-	-		-	-		455	33.5	27.9 - 39.2
Alaska	-	-		-	-		-	-	
Arizona	-	-		-	-		66	39.0	20.2 - 57.4 *
Arkansas	-	-		-	-		131	28.4	19.6 - 37.8
California	-	-		-	-		875	29.9	25.6 - 34.3
CA - Greater California	-	-		-	-		305	36.2	28.2 - 44.2
CA - Greater Bay Area	-	-		-	-		200	28.9	19.5 - 38.9
CA - Los Angeles	-	-		-	-		370	23.4	18.6 - 28.6
Colorado	-	-		-	-		46	28.7	12.0 - 48.1 *
Connecticut	-	-		-	-		118	41.4	28.2 - 54.1 *
Delaware	-	-		-	-		55	52.4	35.5 - 66.8 *
Florida	-	-		-	-		963	35.7	31.1 - 40.3
Georgia	-	-		-	-		1,005	28.2	24.1 - 32.5
Hawaii	-	-		-	-		10	-	
Idaho	-	-		-	-		-	-	
Illinois	-	-		-	-		704	37.9	33.0 - 42.9
Iowa	-	-		-	-		18	-	
Kentucky	-	-		-	-		90	37.9	26.3 - 49.4
Louisiana	-	-		-	-		455	28.3	23.7 - 33.0
Maine	-	-		-	-		-	-	
Maryland	-	-		-	-		620	37.5	32.1 - 43.0
Michigan	-	-		-	-		510	35.9	29.6 - 42.3
MI - Detroit	-	-		-	-		396	30.4	23.6 - 37.5
Minnesota	-	-		-	-		49	-	
Mississippi	-	-		-	-		320	43.6	36.1 - 50.8 *
Missouri	-	-		-	-		196	42.2	32.9 - 51.2
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		13	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	-	-		-	-		490	32.8	27.3 - 38.5
New Mexico	-	-		-	-		10	-	
New York	-	-		-	-		1,334	34.8	31.4 - 38.1
North Carolina	-	-		-	-		704	33.7	28.9 - 38.6
North Dakota	-	-		-	-		-	-	
Ohio	-	-		-	-		439	34.0	28.0 - 40.2
Oklahoma	-	-		-	-		97	30.8	19.8 - 42.5
Oregon	-	-		-	-		20	-	
Pennsylvania	-	-		-	-		460	36.3	30.6 - 42.0
Rhode Island	-	-		-	-		14	-	
South Carolina	-	-		-	-		422	31.9	25.8 - 38.1
Tennessee	-	-		-	-		338	36.2	29.1 - 43.3
Texas	-	-		-	-		930	32.3	27.4 - 37.4
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	-	-		-	-		520	35.8	29.8 - 41.8
Washington	-	-		-	-		53	46.3	26.9 - 63.7
WA - Seattle	-	-		-	-		54	34.2	16.3 - 53.0 *
West Virginia	-	-		-	-		27	15.2	3.3 - 35.4 *
Wisconsin	-	-		-	-		88	31.8	20.1 - 44.2
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Prostate

<i>Registry</i>	MALES AND FEMALES			MALES			FEMALES		
	<i>Count.</i>	<i>RSR¹</i>	<i>95% C.I.¹</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>	<i>Count</i>	<i>RSR</i>	<i>95% C.I.</i>
NAACCR U.S. Combined	-	-		207,979	92.6	92.2 - 93.0	-	-	
Alabama	-	-		7,309	90.1	87.8 - 91.9	-	-	
Alaska	-	-		113	97.6	68.2 - 99.8 *	-	-	
Arizona	-	-		951	88.5	82.4 - 92.6	-	-	
Arkansas	-	-		2,417	90.6	85.7 - 93.8	-	-	
California	-	-		13,583	88.4	86.9 - 89.8	-	-	
CA - Greater California	-	-		5,445	88.6	86.0 - 90.7	-	-	
CA - Greater Bay Area	-	-		2,897	88.0	84.7 - 90.6	-	-	
CA - Los Angeles	-	-		5,241	87.5	84.9 - 89.6	-	-	
Colorado	-	-		1,032	91.2	88.6 - 93.3	-	-	
Connecticut	-	-		1,905	90.5	86.4 - 93.5	-	-	
Delaware	-	-		1,330	89.8	84.2 - 93.5	-	-	
Florida	-	-		16,102	93.1	91.7 - 94.4	-	-	
Georgia	-	-		15,573	91.2	89.6 - 92.5	-	-	
Hawaii	-	-		158	97.9	88.2 - 99.6 *	-	-	
Idaho	-	-		38	-		-	-	
Illinois	-	-		10,204	92.5	90.8 - 94.0	-	-	
Iowa	-	-		346	92.1	73.5 - 97.8	-	-	
Kentucky	-	-		1,593	90.4	85.2 - 93.8	-	-	
Louisiana	-	-		8,334	94.4	91.8 - 96.2	-	-	
Maine	-	-		46	94.7	79.4 - 98.7 *	-	-	
Maryland	-	-		10,110	94.9	93.0 - 96.3	-	-	
Michigan	-	-		8,237	92.1	90.2 - 93.6	-	-	
MI - Detroit	-	-		6,316	94.4	92.1 - 96.0	-	-	
Minnesota	-	-		982	91.7	82.6 - 96.1	-	-	
Mississippi	-	-		6,148	89.7	87.0 - 91.8	-	-	
Missouri	-	-		3,231	88.6	85.3 - 91.3	-	-	
Montana	-	-		20	-		-	-	
Nebraska	-	-		423	96.1	88.6 - 98.7 *	-	-	
New Hampshire	-	-		74	-		-	-	
New Jersey	-	-		7,486	93.2	91.3 - 94.8	-	-	
New Mexico	-	-		195	82.7	71.8 - 89.7	-	-	
New York	-	-		21,768	93.2	92.2 - 94.2	-	-	
North Carolina	-	-		12,592	93.2	91.4 - 94.6	-	-	
North Dakota	-	-		24	100.0		-	-	
Ohio	-	-		7,481	92.6	90.4 - 94.3	-	-	
Oklahoma	-	-		1,525	90.5	86.1 - 93.6	-	-	
Oregon	-	-		382	80.5	66.7 - 89.0	-	-	
Pennsylvania	-	-		7,375	91.6	89.5 - 93.2	-	-	
Rhode Island	-	-		254	87.5	75.0 - 94.0	-	-	
South Carolina	-	-		7,686	92.3	90.0 - 94.1	-	-	
Tennessee	-	-		5,283	93.5	90.6 - 95.5	-	-	
Texas	-	-		12,845	90.6	89.0 - 91.9	-	-	
Utah	-	-		119	91.8	87.9 - 94.4	-	-	
Vermont	-	-		26	-		-	-	
Virginia	-	-		9,218	92.7	91.0 - 94.1	-	-	
Washington	-	-		1,280	95.2	91.6 - 97.3 *	-	-	
WA - Seattle	-	-		1,203	94.4	90.6 - 96.7 *	-	-	
West Virginia	-	-		418	94.3	87.1 - 97.6 *	-	-	
Wisconsin	-	-		1,749	96.6	92.7 - 98.4 *	-	-	
Wyoming	-	-		14	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count.	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	-	-		1,872	83.8	79.6 - 87.2	-	-	
Alabama	-	-		64	81.1	67.4 - 89.5 *	-	-	
Alaska	-	-		-	-		-	-	
Arizona	-	-		13	-		-	-	
Arkansas	-	-		16	100.0		-	-	
California	-	-		146	87.5	79.7 - 92.5 *	-	-	
CA - Greater California	-	-		74	81.9	69.1 - 89.8 *	-	-	
CA - Greater Bay Area	-	-		24	95.8	66.7 - 99.6 *	-	-	
CA - Los Angeles	-	-		48	91.3	77.7 - 96.8 *	-	-	
Colorado	-	-		17	100.0		-	-	
Connecticut	-	-		22	-		-	-	
Delaware	-	-		-	-		-	-	
Florida	-	-		138	84.7	80.6 - 88.0	-	-	
Georgia	-	-		121	90.3	81.3 - 95.1 *	-	-	
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	-	-		79	90.2	74.9 - 96.4 *	-	-	
Iowa	-	-		-	-		-	-	
Kentucky	-	-		17	-		-	-	
Louisiana	-	-		72	93.1	82.0 - 97.5 *	-	-	
Maine	-	-		-	-		-	-	
Maryland	-	-		88	92.8	81.8 - 97.3 *	-	-	
Michigan	-	-		68	93.2	82.3 - 97.5 *	-	-	
MI - Detroit	-	-		56	94.7	84.3 - 98.3 *	-	-	
Minnesota	-	-		24	95.9	71.7 - 99.5 *	-	-	
Mississippi	-	-		48	89.7	71.4 - 96.6 *	-	-	
Missouri	-	-		31	-		-	-	
Montana	-	-		-	-		-	-	
Nebraska	-	-		-	-		-	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	-	-		61	95.0	65.1 - 99.4 *	-	-	
New Mexico	-	-		-	-		-	-	
New York	-	-		184	93.8	88.5 - 96.7 *	-	-	
North Carolina	-	-		122	88.1	78.2 - 93.6 *	-	-	
North Dakota	-	-		-	-		-	-	
Ohio	-	-		55	85.2	70.5 - 92.9 *	-	-	
Oklahoma	-	-		18	-		-	-	
Oregon	-	-		-	-		-	-	
Pennsylvania	-	-		78	91.6	79.4 - 96.8 *	-	-	
Rhode Island	-	-		-	-		-	-	
South Carolina	-	-		51	92.2	79.2 - 97.2 *	-	-	
Tennessee	-	-		56	90.2	73.4 - 96.6 *	-	-	
Texas	-	-		130	88.9	81.0 - 93.6 *	-	-	
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	-	-		75	91.1	78.9 - 96.4 *	-	-	
Washington	-	-		17	93.7	61.7 - 99.1 *	-	-	
WA - Seattle	-	-		13	-		-	-	
West Virginia	-	-		-	-		-	-	
Wisconsin	-	-		23	95.4	69.7 - 99.4 *	-	-	
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Urinary Bladder (incl. in situ)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	25,829	63.9	62.9 - 64.9	17,404	67.1	65.8 - 68.2	8,425	57.2	55.6 - 58.8
Alabama	800	64.8	59.7 - 69.4	544	66.7	60.2 - 72.4	256	59.7	50.8 - 67.6
Alaska	18	-		15	-		-	-	
Arizona	134	64.3	52.0 - 74.2 *	87	63.9	47.7 - 76.2 *	47	63.1	43.2 - 77.7 *
Arkansas	259	64.6	55.2 - 72.5	180	66.8	54.6 - 76.4	79	55.1	40.0 - 67.9 *
California	1,968	65.8	62.2 - 69.1	1,390	68.4	64.2 - 72.2	578	56.0	49.4 - 62.0 *
CA - Greater California	717	61.1	55.0 - 66.7	513	62.3	54.5 - 69.1	204	54.2	42.6 - 64.5 *
CA - Greater Bay Area	443	67.9	61.4 - 73.5	300	72.2	63.7 - 79.0	143	52.3	40.0 - 63.2 *
CA - Los Angeles	808	66.6	60.9 - 71.7	577	68.2	61.3 - 74.2	231	59.3	48.6 - 68.5 *
Colorado	133	55.5	40.2 - 68.5 *	106	56.7	39.9 - 70.4 *	27	-	
Connecticut	277	63.1	53.8 - 71.1	180	66.0	54.1 - 75.5	97	57.6	45.5 - 67.9
Delaware	167	64.3	53.0 - 73.6	117	66.4	49.6 - 78.7 *	50	63.5	46.1 - 76.7
Florida	1,612	65.1	61.4 - 68.5	1,119	68.5	63.9 - 72.6	493	56.9	50.5 - 62.8
Georgia	1,641	59.5	55.6 - 63.2	1,088	63.0	58.0 - 67.6	553	52.8	46.2 - 59.0
Hawaii	25	-		21	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,435	65.5	61.5 - 69.1	940	68.2	62.9 - 72.9	495	59.3	53.1 - 64.9
Iowa	49	-		37	-		12	-	
Kentucky	263	61.1	51.8 - 69.1	190	60.7	49.0 - 70.5	73	55.3	39.5 - 68.5 *
Louisiana	969	60.8	55.6 - 65.5	659	66.3	60.4 - 71.6	310	48.3	40.2 - 56.0 *
Maine	-	-		-	-		-	-	
Maryland	1,307	66.6	62.1 - 70.8	863	71.0	65.0 - 76.2	444	59.5	52.4 - 65.8
Michigan	1,144	61.7	57.1 - 66.1	759	63.8	57.7 - 69.2	385	54.1	46.0 - 61.6 *
MI - Detroit	851	60.2	54.5 - 65.5	557	60.0	52.6 - 66.6	294	56.2	46.7 - 64.6 *
Minnesota	127	64.5	50.3 - 75.6	91	62.9	44.6 - 76.7	36	58.5	36.9 - 75.0 *
Mississippi	615	61.8	55.4 - 67.7	422	66.4	57.7 - 73.7	193	47.4	37.7 - 56.4
Missouri	497	67.9	61.4 - 73.5	298	69.8	60.1 - 77.5	199	62.5	52.6 - 70.9 *
Montana	-	-		-	-		-	-	
Nebraska	51	56.9	38.2 - 71.8 *	30	-		21	-	
New Hampshire	12	-		-	-		-	-	
New Jersey	951	57.4	52.3 - 62.2	631	60.4	54.1 - 66.2	320	47.5	38.3 - 56.2
New Mexico	31	-		22	-		-	-	
New York	2,366	62.8	59.7 - 65.7	1,575	65.1	61.2 - 68.8	791	57.6	52.5 - 62.4
North Carolina	1,567	67.9	64.6 - 71.0	1,053	71.5	67.3 - 75.3	514	59.2	53.1 - 64.7
North Dakota	-	-		-	-		-	-	
Ohio	1,133	63.9	59.0 - 68.4	768	66.2	60.7 - 71.1	365	57.7	49.0 - 65.3 *
Oklahoma	204	66.3	55.8 - 74.9	137	65.7	51.1 - 76.9 *	67	68.9	52.0 - 80.9
Oregon	53	50.7	31.8 - 66.9 *	37	-		16	-	
Pennsylvania	1,253	64.9	60.4 - 68.9	820	69.2	63.5 - 74.1	433	55.5	48.5 - 61.9
Rhode Island	35	-		24	-		11	-	
South Carolina	833	58.5	53.2 - 63.4	512	60.9	53.3 - 67.7	321	52.2	43.8 - 59.9
Tennessee	582	57.2	50.3 - 63.5	380	62.0	54.4 - 68.8	202	42.9	31.4 - 53.9 *
Texas	1,631	57.7	53.7 - 61.5	1,120	58.8	53.7 - 63.6	511	54.0	47.6 - 60.1
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	1,240	63.2	58.6 - 67.5	855	67.2	61.3 - 72.4	385	53.5	45.7 - 60.7
Washington	162	60.0	46.9 - 70.8 *	122	62.5	47.1 - 74.5 *	40	-	
WA - Seattle	143	61.9	47.3 - 73.5 *	106	66.6	49.5 - 79.1 *	37	-	
West Virginia	55	62.2	40.7 - 77.8	41	-		14	-	
Wisconsin	201	75.5	62.2 - 84.7	142	75.1	57.7 - 86.1 *	59	75.4	55.7 - 87.2 *
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Black

III-72 Survival – Urinary Bladder (incl. in situ)

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	42,370	71.2	70.3 - 72.0	25,415	70.4	69.1 - 71.6	16,955	72.5	71.3 - 73.7
Alabama	1,367	71.0	66.4 - 75.2	811	67.9	60.6 - 74.2	556	73.4	66.8 - 78.9
Alaska	15	-	-	-	-	-	-	-	-
Arizona	254	68.4	58.5 - 76.5	170	71.2	57.3 - 81.2	84	62.0	46.3 - 74.4
Arkansas	483	67.2	57.8 - 75.0	278	65.1	55.4 - 73.1 *	205	68.7	54.1 - 79.5
California	2,828	70.6	67.5 - 73.4	1,770	69.0	64.7 - 72.8	1,058	72.1	67.7 - 76.1
CA - Greater California	1,191	68.1	62.9 - 72.7	752	63.6	56.0 - 70.4	439	71.2	64.4 - 77.0
CA - Greater Bay Area	601	72.4	66.0 - 77.8	384	73.8	65.7 - 80.3	217	65.5	54.8 - 74.2
CA - Los Angeles	1,039	70.4	65.4 - 74.9	636	67.6	60.5 - 73.7	403	72.9	66.1 - 78.5
Colorado	211	64.4	51.5 - 74.7	144	71.9	53.9 - 83.9	67	53.1	42.4 - 62.7
Connecticut	360	74.8	64.8 - 82.3	233	78.0	61.9 - 87.9	127	71.2	57.6 - 81.1
Delaware	235	70.2	60.2 - 78.1	149	69.1	54.4 - 79.9	86	68.9	56.9 - 78.2
Florida	2,505	69.3	65.7 - 72.5	1,553	66.3	61.5 - 70.6	952	72.1	66.7 - 76.8
Georgia	2,906	68.3	64.6 - 71.6	1,717	64.8	59.5 - 69.6	1,189	71.8	66.7 - 76.3
Hawaii	18	94.7	65.5 - 99.3 *	13	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	2,254	70.2	66.7 - 73.4	1,374	66.7	61.9 - 71.1	880	73.5	68.2 - 78.0
Iowa	102	51.5	33.8 - 66.7	54	68.6	45.5 - 83.5 *	48	-	-
Kentucky	473	68.3	59.1 - 75.8	283	65.6	52.3 - 76.0	190	69.5	57.1 - 78.9
Louisiana	1,833	70.5	66.9 - 73.9	1,066	69.3	63.5 - 74.4	767	71.9	66.7 - 76.5
Maine	-	-	-	-	-	-	-	-	-
Maryland	1,825	78.3	74.2 - 81.9	1,052	75.9	69.3 - 81.3	773	81.0	75.7 - 85.2
Michigan	1,818	68.6	64.4 - 72.3	1,138	71.5	66.2 - 76.1	680	64.9	58.9 - 70.3
MI - Detroit	1,329	69.3	64.5 - 73.6	828	72.1	65.0 - 78.0	501	65.8	58.8 - 71.9
Minnesota	216	68.9	55.2 - 79.1	144	76.2	64.3 - 84.6 *	72	81.4	64.2 - 90.9 *
Mississippi	1,409	69.2	64.5 - 73.3	796	66.3	58.5 - 73.1	613	69.6	63.2 - 75.0
Missouri	887	69.6	63.3 - 74.9	503	70.8	62.6 - 77.5	384	71.5	63.4 - 78.1 *
Montana	-	-	-	-	-	-	-	-	-
Nebraska	114	74.0	57.4 - 85.0	76	78.7	53.9 - 91.1 *	38	73.0	49.1 - 87.0 *
New Hampshire	11	-	-	-	-	-	-	-	-
New Jersey	1,332	72.9	68.6 - 76.8	806	75.3	69.2 - 80.3	526	68.4	61.8 - 74.1
New Mexico	38	-	-	27	-	-	11	-	-
New York	3,352	69.4	66.4 - 72.2	2,052	67.9	63.4 - 71.9	1,300	71.6	67.5 - 75.4
North Carolina	2,568	70.6	67.1 - 73.9	1,463	67.2	61.7 - 72.0	1,105	72.6	68.0 - 76.7
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	1,656	75.7	72.0 - 79.0	1,008	73.9	68.4 - 78.6	648	76.8	70.6 - 81.8
Oklahoma	331	68.8	58.0 - 77.3	191	75.9	54.3 - 88.3	140	53.0	37.1 - 66.7
Oregon	88	69.2	51.7 - 81.4 *	56	-	-	32	75.9	53.2 - 88.6 *
Pennsylvania	1,917	70.5	66.7 - 73.9	1,162	70.0	64.3 - 74.9	755	70.1	64.9 - 74.8
Rhode Island	54	-	-	36	-	-	18	-	-
South Carolina	1,425	63.2	58.2 - 67.8	847	62.8	55.5 - 69.2	578	64.0	56.9 - 70.2
Tennessee	1,215	70.2	64.8 - 75.0	661	71.9	65.1 - 77.6	554	68.0	60.7 - 74.2
Texas	3,434	71.9	68.8 - 74.8	2,016	69.7	65.5 - 73.5	1,418	73.8	69.6 - 77.6
Utah	21	-	-	17	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	1,977	71.5	67.0 - 75.5	1,197	70.7	64.3 - 76.3	780	72.4	65.9 - 77.8
Washington	299	67.4	57.5 - 75.4	205	70.8	58.2 - 80.2	94	62.1	46.0 - 74.6
WA - Seattle	273	69.2	58.9 - 77.3	183	71.3	58.3 - 80.8	90	65.3	48.8 - 77.6
West Virginia	83	60.7	41.7 - 75.1	56	77.3	59.0 - 88.2 *	27	-	-
Wisconsin	426	70.6	59.1 - 79.4	249	73.7	63.3 - 81.5	177	70.5	57.2 - 80.3
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Brain & Other Nervous System (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	8,670	29.6	28.5 - 30.8	4,639	27.1	25.6 - 28.7	4,031	32.4	30.7 - 34.1
Alabama	304	24.1	18.8 - 29.7	162	18.1	10.9 - 26.7 *	142	30.7	23.4 - 38.2
Alaska	-	-		-	-		-	-	
Arizona	53	14.1	6.0 - 25.7	30	11.3	1.0 - 35.9 *	23	-	
Arkansas	94	33.4	22.2 - 44.9 *	50	34.4	18.9 - 50.4 *	44	32.1	17.0 - 48.2 *
California	611	30.0	25.7 - 34.3	356	27.7	21.7 - 33.9 *	255	33.2	26.2 - 40.4 *
CA - Greater California	261	29.2	23.3 - 35.2	157	22.5	16.5 - 29.0	104	34.3	23.3 - 45.6 *
CA - Greater Bay Area	131	34.1	24.2 - 44.2 *	72	37.0	26.0 - 48.0	59	27.3	15.0 - 41.0 *
CA - Los Angeles	219	27.7	21.8 - 34.0	127	22.9	13.3 - 34.0 *	92	35.7	24.0 - 47.6 *
Colorado	35	37.6	19.3 - 56.0 *	19	-		16	-	
Connecticut	85	26.9	14.1 - 41.5 *	45	-		40	23.0	8.8 - 41.1 *
Delaware	40	32.3	16.0 - 49.8 *	20	-		20	-	
Florida	694	32.5	28.2 - 36.8 *	385	31.4	25.7 - 37.1 *	309	33.7	27.1 - 40.3 *
Georgia	614	28.6	24.6 - 32.8	306	29.6	22.8 - 36.7 *	308	30.2	24.8 - 35.7
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	402	32.1	26.7 - 37.7 *	219	27.0	20.1 - 34.3 *	183	38.1	29.7 - 46.3 *
Iowa	22	-		11	-		11	-	
Kentucky	84	25.9	14.4 - 39.0 *	51	21.8	8.9 - 38.4 *	33	-	
Louisiana	291	25.7	19.6 - 32.2 *	154	32.2	23.8 - 40.8 *	137	18.5	10.9 - 27.8 *
Maine	-	-		-	-		-	-	
Maryland	416	31.0	25.6 - 36.5 *	221	25.5	18.4 - 33.2 *	195	36.6	28.8 - 44.3 *
Michigan	328	29.6	24.2 - 35.1	163	27.6	19.2 - 36.6 *	165	37.4	27.9 - 47.0 *
MI - Detroit	237	24.3	17.5 - 31.8 *	112	19.2	10.7 - 29.5 *	125	29.3	19.3 - 40.1 *
Minnesota	71	39.9	26.6 - 52.8 *	39	30.8	15.5 - 47.5 *	32	-	
Mississippi	223	20.3	13.6 - 28.0 *	118	16.5	8.1 - 27.4 *	105	24.3	16.4 - 33.0
Missouri	149	30.7	21.9 - 39.8 *	77	26.2	15.0 - 38.7 *	72	35.9	22.6 - 49.3 *
Montana	-	-		-	-		-	-	
Nebraska	21	-		10	-		11	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	315	30.7	24.9 - 36.7	166	29.1	18.6 - 40.4 *	149	32.4	24.7 - 40.4
New Mexico	-	-		-	-		-	-	
New York	795	33.0	29.3 - 36.8	426	32.9	28.2 - 37.7	369	33.1	27.4 - 38.9
North Carolina	521	32.2	27.5 - 36.9	265	28.3	22.5 - 34.4	256	34.6	27.3 - 42.1 *
North Dakota	-	-		-	-		-	-	
Ohio	332	29.7	23.3 - 36.4 *	177	30.5	21.8 - 39.8 *	155	30.1	21.5 - 39.1
Oklahoma	67	27.6	16.5 - 39.9 *	34	16.8	5.2 - 34.1 *	33	36.4	19.6 - 53.4 *
Oregon	18	-		-	-		10	-	
Pennsylvania	338	31.9	25.5 - 38.5 *	192	33.7	25.2 - 42.4 *	146	29.5	20.2 - 39.5 *
Rhode Island	10	-		-	-		-	-	
South Carolina	292	23.9	17.6 - 30.8 *	153	20.7	13.0 - 29.6 *	139	32.2	24.2 - 40.5
Tennessee	208	23.4	16.7 - 30.7 *	111	18.1	9.4 - 29.0 *	97	28.3	18.5 - 39.0 *
Texas	712	34.0	29.6 - 38.5 *	370	30.9	25.0 - 36.9 *	342	37.5	30.8 - 44.2 *
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	346	24.3	18.4 - 30.6 *	188	22.2	14.4 - 30.9 *	158	26.4	17.8 - 35.8 *
Washington	55	37.5	23.4 - 51.6 *	37	35.6	19.7 - 51.9 *	18	-	
WA - Seattle	54	32.0	19.0 - 45.7 *	34	28.4	14.2 - 44.4 *	20	-	
West Virginia	12	-		-	-		-	-	
Wisconsin	74	37.2	22.8 - 51.6 *	38	28.5	12.3 - 47.3 *	36	-	
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	29,318	87.2	86.6 - 87.8	8,495	83.4	82.1 - 84.7	20,823	88.6	87.9 - 89.3
Alabama	630	86.5	81.5 - 90.3	193	81.7	73.9 - 87.3	437	86.7	79.9 - 91.3
Alaska	18	-	-	-	-	-	12	-	-
Arizona	169	83.7	74.3 - 89.9	66	72.2	49.7 - 86.0	103	86.2	76.0 - 92.3
Arkansas	312	84.7	76.5 - 90.2	112	79.4	63.8 - 88.8	200	85.6	76.0 - 91.6
California	1,835	88.7	86.2 - 90.8	570	86.7	81.4 - 90.6	1,265	88.7	85.8 - 91.1
CA - Greater California	781	87.2	82.8 - 90.5	270	85.2	77.6 - 90.4	511	87.3	81.9 - 91.2
CA - Greater Bay Area	388	91.0	85.7 - 94.3	120	90.5	80.1 - 95.6	268	89.8	84.0 - 93.6
CA - Los Angeles	667	86.5	82.7 - 89.6	180	82.1	72.8 - 88.4	487	86.6	82.4 - 89.9
Colorado	201	86.1	76.2 - 92.0	67	86.1	72.9 - 93.1	134	85.1	70.4 - 92.9
Connecticut	233	88.1	80.7 - 92.8	72	86.1	72.6 - 93.3	161	87.4	77.5 - 93.1
Delaware	140	81.6	72.5 - 88.0	42	87.5	64.5 - 96.0 *	98	79.5	68.5 - 87.1
Florida	2,594	87.1	85.0 - 89.0	727	80.2	75.2 - 84.2	1,867	89.2	86.7 - 91.2
Georgia	2,220	85.1	82.3 - 87.4	623	78.9	73.3 - 83.5	1,597	87.2	84.2 - 89.6
Hawaii	13	-	-	10	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	1,401	88.3	85.4 - 90.7	381	83.6	76.5 - 88.8	1,020	89.4	86.2 - 91.9
Iowa	48	-	-	10	-	-	38	-	-
Kentucky	325	86.5	80.3 - 90.9	66	85.0	67.9 - 93.4	259	86.6	79.5 - 91.4
Louisiana	1,024	83.3	79.6 - 86.3	319	74.9	67.6 - 80.7	705	86.8	82.7 - 90.0
Maine	-	-	-	-	-	-	-	-	-
Maryland	1,266	85.0	81.6 - 87.9	368	80.8	73.9 - 86.0	898	86.1	82.1 - 89.2
Michigan	1,215	83.1	79.4 - 86.3	332	79.9	72.1 - 85.7	883	83.3	79.1 - 86.8
MI - Detroit	1,008	83.6	79.6 - 86.8	258	77.8	67.1 - 85.4	750	84.6	80.4 - 88.0
Minnesota	101	86.3	72.2 - 93.6	32	-	-	69	83.4	69.1 - 91.5
Mississippi	722	86.5	82.4 - 89.8	195	78.1	67.1 - 85.8	527	88.3	83.8 - 91.6
Missouri	661	86.2	81.6 - 89.7	186	76.7	66.8 - 84.0	475	89.3	84.3 - 92.7
Montana	-	-	-	-	-	-	-	-	-
Nebraska	46	85.0	65.3 - 94.0 *	13	-	-	33	84.8	64.1 - 94.1 *
New Hampshire	10	-	-	-	-	-	-	-	-
New Jersey	961	86.1	82.2 - 89.2	277	79.3	70.8 - 85.6	684	87.2	83.0 - 90.5
New Mexico	24	-	-	-	-	-	15	-	-
New York	2,806	87.5	85.5 - 89.3	807	77.7	72.8 - 81.9	1,999	90.9	88.8 - 92.6
North Carolina	1,716	87.6	84.9 - 89.8	483	83.5	78.5 - 87.5	1,233	88.3	85.1 - 90.9
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	958	83.8	80.0 - 87.0	285	76.5	68.6 - 82.6	673	86.1	81.7 - 89.4
Oklahoma	206	83.6	74.1 - 89.9	67	81.0	63.0 - 90.8 *	139	86.4	75.9 - 92.6
Oregon	51	94.4	82.5 - 98.3	17	-	-	34	97.5	76.8 - 99.8 *
Pennsylvania	1,239	87.5	83.8 - 90.3	369	88.1	81.5 - 92.5	870	86.2	81.8 - 89.5
Rhode Island	43	75.1	49.7 - 89.0 *	19	-	-	24	-	-
South Carolina	1,063	88.0	84.2 - 91.0	272	81.1	73.7 - 86.7	791	88.9	84.2 - 92.2
Tennessee	832	85.8	81.5 - 89.1	256	80.6	69.7 - 88.0	576	86.8	82.4 - 90.2
Texas	2,553	86.9	84.5 - 89.0	698	83.2	78.4 - 87.1	1,855	87.7	84.9 - 90.0
Utah	16	-	-	-	-	-	10	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	1,031	88.5	84.9 - 91.3	333	87.2	81.4 - 91.3	698	88.5	84.1 - 91.7
Washington	271	88.1	80.3 - 93.0	99	81.4	69.4 - 89.1	172	89.7	79.1 - 95.1
WA - Seattle	266	88.5	80.1 - 93.5	101	84.2	71.3 - 91.6	165	88.3	76.9 - 94.3
West Virginia	48	-	-	20	-	-	28	-	-
Wisconsin	292	86.8	78.0 - 92.2	75	87.9	70.6 - 95.3 *	217	85.8	74.7 - 92.3
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Thyroid

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	23,767	94.2	93.3 - 95.0	4,307	90.1	88.0 - 91.8	19,460	95.1	94.0 - 95.9
Alabama	556	91.8	85.7 - 95.3	102	79.7	73.9 - 84.3	454	92.5	86.9 - 95.8
Alaska	14	100.0		-	-		11	100.0	
Arizona	197	94.3	78.4 - 98.6	39	-		158	95.8	82.5 - 99.1
Arkansas	219	86.3	76.0 - 92.4	46	80.6	57.0 - 92.1 *	173	88.0	77.1 - 93.9
California	1,375	92.3	88.5 - 94.9	301	83.7	72.4 - 90.7	1,074	93.4	90.4 - 95.5
CA - Greater California	588	91.7	85.6 - 95.3	138	82.8	62.0 - 92.8	450	93.5	87.1 - 96.8
CA - Greater Bay Area	179	88.4	81.2 - 93.0	39	86.8	69.3 - 94.7 *	140	89.4	80.8 - 94.3
CA - Los Angeles	608	91.7	85.7 - 95.2	124	79.5	64.0 - 88.9	484	93.1	88.6 - 95.8
Colorado	135	96.6	88.6 - 99.0 *	26	89.4	62.1 - 97.4 *	109	98.0	86.6 - 99.7 *
Connecticut	309	86.3	77.8 - 91.8	59	75.2	52.2 - 88.3 *	250	90.6	79.7 - 95.8
Delaware	156	96.3	78.5 - 99.4 *	26	-		130	95.3	78.1 - 99.1 *
Florida	1,652	93.1	89.5 - 95.5	298	87.7	78.2 - 93.2	1,354	94.1	90.3 - 96.5
Georgia	1,555	90.1	85.8 - 93.1	256	85.8	78.3 - 90.8	1,299	90.0	84.9 - 93.5
Hawaii	11	100.0		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,071	95.4	90.4 - 97.9	189	90.9	82.7 - 95.3	882	94.7	88.3 - 97.6
Iowa	41	-		10	-		31	-	
Kentucky	236	88.3	78.3 - 93.9	43	-		193	88.4	79.4 - 93.6
Louisiana	873	91.1	84.7 - 94.9	149	90.0	82.2 - 94.5	724	89.7	83.1 - 93.8
Maine	10	100.0		-	-		-	-	
Maryland	1,331	95.4	93.0 - 97.0	249	94.0	83.1 - 98.0	1,082	94.5	90.9 - 96.8
Michigan	916	92.6	87.7 - 95.7	169	85.7	70.9 - 93.3	747	92.8	88.7 - 95.5
MI - Detroit	723	93.9	87.7 - 97.1	127	87.6	73.3 - 94.5	596	93.5	89.2 - 96.1
Minnesota	158	96.3	89.9 - 98.6 *	25	87.9	66.1 - 96.1 *	133	97.6	89.5 - 99.5 *
Mississippi	560	86.1	80.0 - 90.4	62	84.0	69.3 - 92.0 *	498	87.9	81.3 - 92.2
Missouri	383	88.7	82.7 - 92.7	75	83.2	62.0 - 93.1 *	308	90.0	80.5 - 95.0
Montana	-	-		-	-		-	-	
Nebraska	45	93.7	79.3 - 98.2 *	-	-		37	94.9	78.0 - 98.9 *
New Hampshire	-	-		-	-		-	-	
New Jersey	860	92.2	86.3 - 95.6	166	79.5	62.3 - 89.5	694	94.5	90.6 - 96.9
New Mexico	25	-		-	-		17	-	
New York	2,624	93.7	91.7 - 95.2	441	89.2	84.6 - 92.5	2,183	93.9	90.6 - 96.1
North Carolina	1,386	92.0	88.0 - 94.8	256	86.5	73.2 - 93.5	1,130	92.8	88.9 - 95.3
North Dakota	-	-		-	-		-	-	
Ohio	992	95.5	88.7 - 98.2	172	85.8	74.3 - 92.5	820	96.6	87.5 - 99.1
Oklahoma	152	83.6	64.6 - 92.9 *	32	-		120	97.0	62.7 - 99.8 *
Oregon	46	-		-	-		38	-	
Pennsylvania	1,398	96.2	93.7 - 97.7	248	92.0	83.1 - 96.3	1,150	96.4	93.7 - 98.0
Rhode Island	70	94.1	74.4 - 98.8	21	-		49	98.5	73.3 - 99.9 *
South Carolina	777	93.5	88.7 - 96.4	141	91.0	76.7 - 96.7 *	636	94.6	89.5 - 97.3
Tennessee	528	93.3	86.7 - 96.6	90	85.6	68.7 - 93.7	438	94.1	86.9 - 97.4
Texas	1,717	91.1	86.7 - 94.2	328	93.0	84.7 - 96.9 *	1,389	92.1	87.5 - 95.0
Utah	19	100.0		-	-		15	100.0	
Vermont	-	-		-	-		-	-	
Virginia	928	94.3	90.0 - 96.8	163	93.1	79.7 - 97.8 *	765	95.4	91.5 - 97.5
Washington	152	97.4	91.2 - 99.3 *	24	95.8	63.8 - 99.6 *	128	97.6	90.4 - 99.4 *
WA - Seattle	147	96.5	90.2 - 98.8 *	23	95.6	62.3 - 99.6 *	124	96.6	89.5 - 98.9 *
West Virginia	50	91.8	59.8 - 98.6 *	18	-		32	-	
Wisconsin	216	90.1	78.8 - 95.5	39	-		177	89.0	77.3 - 94.9
Wyoming	-	-		-	-		-	-	

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* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	7,221	79.6	78.0 - 81.2	3,899	77.1	74.8 - 79.3	3,322	82.3	80.1 - 84.3
Alabama	194	79.0	69.6 - 85.7 *	111	75.3	62.7 - 84.2 *	83	83.5	67.1 - 92.2 *
Alaska	-	-		-	-		-	-	
Arizona	67	80.1	63.8 - 89.6 *	42	76.9	54.9 - 89.1 *	25	86.9	62.9 - 95.8 *
Arkansas	95	63.2	53.1 - 71.6	58	53.1	38.6 - 65.7	37	94.6	79.2 - 98.7 *
California	438	73.6	67.8 - 78.5	251	72.7	63.1 - 80.1	187	76.5	70.6 - 81.5
CA - Greater California	179	70.1	59.6 - 78.4	109	70.5	56.8 - 80.6 *	70	83.8	70.2 - 91.5 *
CA - Greater Bay Area	106	87.3	74.9 - 93.8 *	61	85.0	67.4 - 93.5 *	45	89.9	67.6 - 97.1 *
CA - Los Angeles	153	76.2	67.1 - 83.1 *	81	73.6	60.0 - 83.2 *	72	75.3	65.0 - 82.9
Colorado	50	92.5	78.3 - 97.6 *	33	88.6	69.7 - 96.0 *	17	100.0	
Connecticut	85	76.6	63.7 - 85.4 *	52	69.6	51.5 - 82.0 *	33	86.4	65.4 - 95.1 *
Delaware	44	91.0	76.8 - 96.7 *	23	87.1	63.8 - 95.9 *	21	95.2	68.3 - 99.4 *
Florida	541	73.7	68.9 - 77.9	289	68.8	61.4 - 75.1	252	82.4	75.9 - 87.4 *
Georgia	526	74.5	69.1 - 79.1	280	71.5	63.6 - 78.1	246	85.2	78.2 - 90.0 *
Hawaii	-	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	361	82.9	76.7 - 87.6 *	200	83.1	73.9 - 89.3 *	161	82.6	73.3 - 88.9 *
Iowa	25	91.6	69.9 - 97.8 *	11	-		14	100.0	
Kentucky	68	81.0	65.6 - 90.0 *	35	74.8	51.3 - 88.1 *	33	87.3	61.8 - 96.2 *
Louisiana	252	83.4	76.3 - 88.6 *	142	79.1	69.9 - 85.8 *	110	88.2	75.9 - 94.4 *
Maine	-	-		-	-		-	-	
Maryland	334	79.7	72.1 - 85.4	183	79.9	69.9 - 86.9	151	76.2	66.8 - 83.3
Michigan	234	80.9	73.5 - 86.4	123	74.9	62.8 - 83.6 *	111	89.7	79.9 - 94.9 *
MI - Detroit	160	79.5	70.0 - 86.2	87	80.8	66.8 - 89.3 *	73	80.4	65.6 - 89.3 *
Minnesota	53	89.7	71.6 - 96.5 *	33	94.1	76.2 - 98.7 *	20	-	
Mississippi	190	83.3	75.4 - 88.9 *	101	82.5	71.4 - 89.6 *	89	83.1	70.1 - 90.9 *
Missouri	125	84.0	74.5 - 90.2	68	86.4	72.6 - 93.5	57	83.9	67.9 - 92.4 *
Montana	-	-		-	-		-	-	
Nebraska	23	-		-	-		17	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	267	84.0	75.6 - 89.7	142	83.5	73.4 - 90.0 *	125	87.1	75.8 - 93.3 *
New Mexico	10	-		-	-		-	-	
New York	771	80.1	75.6 - 83.8	398	78.6	72.5 - 83.5	373	79.8	75.0 - 83.8
North Carolina	402	80.1	73.8 - 85.1	199	80.4	71.0 - 87.0 *	203	81.3	73.4 - 87.1
North Dakota	-	-		-	-		-	-	
Ohio	242	90.7	84.6 - 94.5 *	127	89.6	81.6 - 94.2 *	115	83.0	77.6 - 87.1
Oklahoma	60	88.2	76.8 - 94.2 *	32	81.3	63.0 - 91.2 *	28	96.3	75.7 - 99.5 *
Oregon	15	-		12	-		-	-	
Pennsylvania	308	80.5	72.4 - 86.5	154	81.2	71.4 - 88.0 *	154	83.9	74.5 - 90.1
Rhode Island	14	100.0		-	-		-	-	
South Carolina	212	79.3	70.9 - 85.6	114	77.9	66.8 - 85.7 *	98	85.8	72.0 - 93.1
Tennessee	203	80.6	72.1 - 86.7 *	112	75.1	62.0 - 84.2 *	91	86.8	74.9 - 93.3 *
Texas	540	80.8	74.9 - 85.5	299	81.7	71.8 - 88.4	241	81.3	73.7 - 86.9
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	291	74.2	65.7 - 80.9	150	64.5	54.8 - 72.6	141	80.1	70.3 - 86.9
Washington	69	86.9	74.2 - 93.6 *	43	84.4	67.7 - 92.9 *	26	91.1	65.4 - 98.0 *
WA - Seattle	64	87.6	74.2 - 94.3 *	41	83.8	66.7 - 92.6 *	23	94.8	60.6 - 99.4 *
West Virginia	11	100.0		-	-		-	-	
Wisconsin	77	86.3	72.5 - 93.4 *	40	88.9	67.0 - 96.6 *	37	83.4	61.5 - 93.5 *
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Non-Hodgkin Lymphoma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	34,791	61.5	60.5 - 62.4	18,274	58.4	57.0 - 59.8	16,517	64.8	63.6 - 66.0
Alabama	970	57.3	51.9 - 62.4	502	50.6	42.1 - 58.5	468	61.2	53.8 - 67.8
Alaska	20	-		11	-		-	-	
Arizona	174	55.6	40.4 - 68.3	105	53.6	36.6 - 67.9	69	57.2	37.8 - 72.6 *
Arkansas	350	60.1	48.6 - 69.7	186	54.9	40.9 - 66.8	164	64.9	50.4 - 76.2
California	2,399	62.1	58.6 - 65.4	1,312	60.3	54.7 - 65.4	1,087	64.0	59.4 - 68.4
CA - Greater California	912	57.1	51.2 - 62.6	517	52.4	44.5 - 59.8	395	60.4	52.2 - 67.7
CA - Greater Bay Area	554	67.2	59.5 - 73.7	307	60.6	50.6 - 69.3	247	72.2	60.7 - 80.8
CA - Los Angeles	934	61.8	57.1 - 66.1	488	62.1	53.7 - 69.3	446	61.0	54.3 - 67.1
Colorado	186	64.3	49.2 - 76.0	113	67.4	47.8 - 80.9	73	59.2	37.8 - 75.4
Connecticut	325	63.7	53.2 - 72.5	182	57.1	40.6 - 70.6	143	67.6	54.8 - 77.5
Delaware	200	68.0	58.0 - 76.1	113	65.2	50.4 - 76.5	87	71.2	55.9 - 82.0
Florida	3,040	56.4	53.2 - 59.5	1,568	55.8	51.2 - 60.2	1,472	56.7	52.1 - 61.0
Georgia	2,586	62.0	58.3 - 65.5	1,388	56.8	51.2 - 62.0	1,198	66.7	61.7 - 71.3
Hawaii	23	-		16	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,630	62.7	58.7 - 66.5	837	56.0	50.0 - 61.5	793	67.9	62.5 - 72.8
Iowa	67	50.8	35.3 - 64.4	41	-		26	-	
Kentucky	326	57.5	47.7 - 66.1	189	61.3	51.4 - 69.9 *	137	59.6	46.4 - 70.5
Louisiana	1,313	53.7	48.8 - 58.4	707	47.7	39.9 - 55.0	606	59.9	53.4 - 65.9
Maine	-	-		-	-		-	-	
Maryland	1,537	62.6	58.0 - 66.9	737	58.4	51.8 - 64.5	800	65.8	59.6 - 71.3
Michigan	1,324	62.3	57.3 - 66.9	705	54.8	48.0 - 61.0	619	69.1	61.9 - 75.2
MI - Detroit	993	57.7	52.1 - 62.8	525	49.5	42.3 - 56.3	468	64.8	56.3 - 72.1
Minnesota	213	69.5	56.7 - 79.2	126	70.9	53.1 - 83.0	87	71.8	57.1 - 82.2 *
Mississippi	856	58.7	52.5 - 64.4	438	54.6	46.4 - 62.2	418	60.0	51.5 - 67.5
Missouri	630	62.8	55.2 - 69.5	332	60.3	50.9 - 68.4	298	65.5	56.0 - 73.5
Montana	-	-		-	-		-	-	
Nebraska	74	72.6	56.6 - 83.5 *	36	-		38	71.1	48.9 - 85.0 *
New Hampshire	-	-		-	-		-	-	
New Jersey	1,189	57.0	52.0 - 61.7	589	58.6	50.5 - 65.8	600	56.7	50.4 - 62.6
New Mexico	34	-		26	-		-	-	
New York	3,668	60.9	58.2 - 63.6	1,856	56.7	52.1 - 61.0	1,812	64.7	61.3 - 67.9
North Carolina	1,909	61.3	57.4 - 65.0	970	54.3	48.6 - 59.7	939	66.2	60.9 - 71.0
North Dakota	-	-		-	-		-	-	
Ohio	1,309	64.8	60.2 - 69.0	704	59.1	52.6 - 65.1	605	68.9	63.0 - 74.0
Oklahoma	230	56.1	42.4 - 67.7	126	71.2	56.4 - 81.7 *	104	62.9	48.8 - 74.1 *
Oregon	54	-		36	-		18	83.2	54.8 - 94.5 *
Pennsylvania	1,512	61.3	56.8 - 65.4	803	57.7	50.6 - 64.1	709	65.2	59.1 - 70.7
Rhode Island	52	-		32	-		20	-	
South Carolina	1,011	61.3	56.3 - 65.9	543	60.2	52.8 - 66.9	468	61.8	54.7 - 68.1
Tennessee	877	58.5	52.2 - 64.3	454	58.0	48.6 - 66.3	423	58.5	50.1 - 65.9
Texas	2,595	63.4	59.8 - 66.8	1,375	60.0	55.0 - 64.7	1,220	66.5	61.4 - 71.1
Utah	22	85.8	60.3 - 95.5 *	10	-		12	-	
Vermont	-	-		-	-		-	-	
Virginia	1,442	61.9	57.9 - 65.8	752	57.8	51.8 - 63.2	690	65.8	60.2 - 70.9
Washington	255	67.9	57.6 - 76.2	151	66.3	52.7 - 76.8	104	67.2	52.0 - 78.5
WA - Seattle	236	71.4	60.8 - 79.7	145	71.9	59.0 - 81.4	91	66.6	50.5 - 78.6
West Virginia	63	54.0	34.8 - 69.9 *	37	-		26	-	
Wisconsin	289	62.4	50.9 - 71.8	143	53.0	39.1 - 65.1	146	71.3	56.4 - 81.9
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Myeloma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	30,882	51.9	51.0 - 52.8	15,329	50.9	49.5 - 52.2	15,553	53.0	51.8 - 54.3
Alabama	965	51.2	46.0 - 56.2	461	49.3	41.2 - 56.9	504	53.7	46.8 - 60.2
Alaska	15	-	-	-	-	-	-	-	-
Arizona	156	57.6	45.4 - 68.1 *	101	38.3	28.5 - 48.0	55	-	-
Arkansas	392	51.7	43.5 - 59.2	199	48.6	36.7 - 59.5	193	50.4	40.6 - 59.4
California	1,991	49.3	45.8 - 52.7	1,070	47.7	42.7 - 52.6	921	50.1	45.3 - 54.7
CA - Greater California	742	48.8	42.9 - 54.4	408	47.7	39.8 - 55.2	334	49.2	40.7 - 57.1
CA - Greater Bay Area	434	53.1	45.3 - 60.2	238	54.4	43.4 - 64.1	196	51.0	40.6 - 60.5
CA - Los Angeles	816	46.6	41.2 - 51.8	425	46.6	38.6 - 54.2 *	391	46.8	39.6 - 53.7
Colorado	153	53.8	41.1 - 64.8	93	58.0	38.3 - 73.4	60	47.9	30.1 - 63.8 *
Connecticut	331	56.9	48.2 - 64.6	167	54.1	40.7 - 65.7 *	164	58.6	47.4 - 68.2
Delaware	186	40.7	31.0 - 50.1	106	46.1	37.5 - 54.3	80	38.2	25.5 - 50.7
Florida	2,562	53.4	50.2 - 56.6	1,316	49.7	44.9 - 54.2	1,246	56.8	52.4 - 61.0
Georgia	2,428	50.8	47.4 - 54.1	1,153	50.8	45.8 - 55.6	1,275	49.7	44.9 - 54.3
Hawaii	17	-	-	10	0.0	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	1,432	54.2	50.0 - 58.2	688	54.2	48.0 - 60.0	744	53.7	48.0 - 59.2
Iowa	62	45.7	33.4 - 57.1	22	-	-	40	-	-
Kentucky	268	54.0	43.1 - 63.7 *	145	53.1	36.0 - 67.6 *	123	53.8	39.9 - 65.8 *
Louisiana	1,101	43.5	38.5 - 48.4	557	39.8	32.5 - 47.0	544	47.0	40.5 - 53.2
Maine	-	-	-	-	-	-	-	-	-
Maryland	1,264	55.5	50.8 - 59.9	579	55.3	47.9 - 62.1	685	54.6	48.6 - 60.3
Michigan	1,148	48.9	44.3 - 53.2	588	46.4	39.9 - 52.7	560	51.1	44.7 - 57.2
MI - Detroit	911	48.5	43.4 - 53.3	462	45.7	38.6 - 52.6	449	51.4	44.4 - 58.0
Minnesota	123	64.4	48.3 - 76.7	59	43.1	31.1 - 54.6	64	78.5	59.8 - 89.2 *
Mississippi	822	43.3	37.9 - 48.6	395	39.8	30.9 - 48.5	427	45.0	38.4 - 51.4
Missouri	573	49.2	42.6 - 55.4	283	48.4	38.6 - 57.5	290	49.9	41.5 - 57.8
Montana	-	-	-	-	-	-	-	-	-
Nebraska	61	-	-	33	-	-	28	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
New Jersey	1,013	52.9	48.1 - 57.5	475	53.7	46.3 - 60.6	538	52.2	46.0 - 58.0
New Mexico	28	-	-	16	-	-	12	-	-
New York	3,217	56.2	53.5 - 58.8	1,582	54.0	50.0 - 57.8	1,635	58.2	54.5 - 61.7
North Carolina	1,929	53.8	50.1 - 57.3	951	57.5	51.9 - 62.6	978	51.2	46.4 - 55.9
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	1,057	53.4	48.5 - 58.0	535	54.4	47.1 - 61.1	522	51.3	44.5 - 57.6
Oklahoma	204	44.2	32.2 - 55.5	101	53.2	37.9 - 66.3	103	39.7	23.8 - 55.2 *
Oregon	42	69.4	47.6 - 83.6 *	27	-	-	15	-	-
Pennsylvania	1,221	52.9	48.3 - 57.2	560	53.1	45.9 - 59.7	661	52.3	46.3 - 57.9
Rhode Island	40	-	-	21	-	-	19	-	-
South Carolina	1,206	48.7	43.7 - 53.5	575	46.2	38.3 - 53.7	631	49.8	43.3 - 56.0
Tennessee	777	46.9	40.9 - 52.7	390	45.3	36.8 - 53.5	387	47.6	39.3 - 55.3
Texas	2,319	51.4	47.9 - 54.7	1,129	49.2	44.0 - 54.2	1,190	52.7	48.2 - 57.1
Utah	19	-	-	13	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	1,196	48.9	44.3 - 53.3	612	44.0	37.5 - 50.3	584	52.4	45.9 - 58.6
Washington	179	47.4	36.2 - 57.8	97	39.9	25.9 - 53.6	82	61.3	44.7 - 74.2 *
WA - Seattle	167	49.4	37.7 - 60.0	88	44.1	28.8 - 58.3	79	61.9	44.9 - 75.0 *
West Virginia	54	-	-	29	-	-	25	-	-
Wisconsin	303	55.0	45.3 - 63.8	163	55.4	42.8 - 66.3	140	57.8	43.6 - 69.6 *
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	23,520	47.2	46.1 - 48.2	12,563	47.2	45.7 - 48.7	10,957	47.1	45.7 - 48.4
Alabama	678	45.5	39.6 - 51.2	363	46.7	38.9 - 54.2	315	43.2	35.7 - 50.5
Alaska	12	-		-	-		-	-	
Arizona	109	37.2	25.4 - 49.1 *	55	38.6	22.6 - 54.5 *	54	35.5	19.0 - 52.5 *
Arkansas	231	49.9	40.6 - 58.5	127	43.0	28.6 - 56.6	104	51.7	39.0 - 63.0
California	1,608	46.9	43.1 - 50.5	932	47.9	42.8 - 52.9	676	45.0	39.7 - 50.1
CA - Greater California	624	48.5	42.7 - 54.0	382	52.4	45.0 - 59.3	242	42.3	34.6 - 49.7
CA - Greater Bay Area	355	41.2	32.8 - 49.3	212	31.7	23.5 - 40.2	143	47.1	35.4 - 58.0 *
CA - Los Angeles	630	46.7	41.2 - 52.0	338	47.5	40.1 - 54.6	292	45.0	36.9 - 52.7
Colorado	110	49.7	33.5 - 63.9	66	39.4	21.4 - 57.0	44	-	
Connecticut	221	41.4	31.0 - 51.6	109	49.1	36.0 - 60.9 *	112	42.3	29.2 - 54.8
Delaware	135	44.2	30.7 - 56.8	73	55.6	39.0 - 69.3 *	62	37.4	20.6 - 54.2
Florida	2,103	48.0	44.6 - 51.4	1,121	48.9	44.0 - 53.6	982	47.1	42.3 - 51.8
Georgia	1,740	45.3	41.5 - 49.0	890	45.1	39.9 - 50.2	850	45.1	39.8 - 50.3
Hawaii	13	-		-	-		-	-	
Idaho	-	-		-	-		-	-	
Illinois	1,217	44.8	40.5 - 48.9	647	41.9	35.6 - 48.0	570	46.1	40.4 - 51.7
Iowa	49	-		28	-		21	-	
Kentucky	239	44.5	35.6 - 53.0	130	43.6	30.5 - 55.9 *	109	48.3	37.3 - 58.4
Louisiana	881	42.3	36.9 - 47.5	473	45.1	37.4 - 52.4	408	39.2	32.1 - 46.2
Maine	-	-		-	-		-	-	
Maryland	1,011	48.1	43.4 - 52.6	514	45.2	38.6 - 51.5	497	50.6	44.1 - 56.8
Michigan	879	47.2	41.9 - 52.3	464	45.3	38.6 - 51.8	415	46.9	39.5 - 53.9
MI - Detroit	703	50.3	44.5 - 55.8	366	52.0	44.2 - 59.2	337	47.3	39.9 - 54.3
Minnesota	120	55.3	40.9 - 67.6	76	52.3	34.1 - 67.7	44	67.3	49.9 - 79.8 *
Mississippi	664	40.9	35.2 - 46.6	379	40.4	32.0 - 48.6	285	40.3	32.6 - 47.9
Missouri	492	45.7	39.2 - 52.0	250	36.1	27.3 - 45.0	242	53.6	44.8 - 61.5
Montana	-	-		-	-		-	-	
Nebraska	46	53.2	36.9 - 67.1 *	24	-		22	-	
New Hampshire	-	-		-	-		-	-	
New Jersey	825	49.5	44.3 - 54.5	439	50.7	43.7 - 57.2	386	47.4	40.0 - 54.5
New Mexico	25	-		13	-		12	-	
New York	2,251	47.5	44.4 - 50.6	1,189	45.7	41.5 - 49.8	1,062	48.5	43.9 - 52.9
North Carolina	1,344	48.4	44.3 - 52.3	711	49.7	43.6 - 55.5	633	46.8	41.2 - 52.2
North Dakota	-	-		-	-		-	-	
Ohio	773	45.1	39.2 - 50.8	396	47.1	38.4 - 55.4	377	42.2	34.6 - 49.6
Oklahoma	175	47.4	36.2 - 57.7	91	53.1	36.2 - 67.3 *	84	47.5	33.8 - 60.0 *
Oregon	47	41.4	22.2 - 59.7 *	25	-		22	-	
Pennsylvania	881	45.8	40.9 - 50.6	434	44.3	36.7 - 51.7	447	46.3	40.1 - 52.3
Rhode Island	42	-		22	-		20	-	
South Carolina	800	46.2	41.2 - 51.1	427	47.4	40.1 - 54.3	373	44.2	37.1 - 51.1
Tennessee	614	46.0	40.0 - 51.9	299	44.8	36.1 - 53.1	315	45.6	37.7 - 53.0
Texas	1,850	48.4	44.4 - 52.2	1,025	47.6	41.9 - 53.1	825	48.8	43.3 - 54.1
Utah	-	-		-	-		-	-	
Vermont	-	-		-	-		-	-	
Virginia	854	42.3	37.4 - 47.1	468	42.2	35.5 - 48.9	386	42.5	35.5 - 49.4
Washington	148	50.1	37.3 - 61.7	93	-		55	49.2	32.6 - 63.8 *
WA - Seattle	146	50.2	35.5 - 63.2 *	93	-		53	45.6	28.8 - 61.0 *
West Virginia	57	34.7	16.7 - 53.4 *	36	-		21	-	
Wisconsin	248	56.3	46.1 - 65.3	137	57.8	43.7 - 69.6	111	53.9	41.4 - 64.9
Wyoming	-	-		-	-		-	-	

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2009-2015
Complete Method, Follow-Up Through 2015 by Registry, Black, Mesothelioma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR ¹	95% C.I. ¹	Count	RSR	95% C.I.	Count	RSR	95% C.I.
NAACCR U.S. Combined	1,007	14.1	11.3 - 17.0	721	11.0	7.9 - 14.6	286	18.3	13.9 - 23.2
Alabama	34	7.0	1.2 - 19.9 *	24	4.5	0.3 - 18.9 *	10	-	-
Alaska	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-
California	87	13.6	5.6 - 25.0 *	68	10.2	3.4 - 21.2 *	19	-	-
CA - Greater California	38	17.7	5.4 - 35.8 *	35	12.8	3.3 - 28.9 *	-	-	-
CA - Greater Bay Area	19	0.0	-	11	0.0	-	-	-	-
CA - Los Angeles	30	-	-	22	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-
Florida	51	17.1	7.5 - 30.1 *	38	9.4	1.9 - 24.4 *	13	-	-
Georgia	41	9.4	2.5 - 22.0 *	30	4.7	0.3 - 19.2 *	11	-	-
Hawaii	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Illinois	47	23.1	9.9 - 39.4 *	36	13.2	2.8 - 31.9 *	11	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kentucky	10	-	-	-	-	-	-	-	-
Louisiana	84	12.5	5.0 - 23.8 *	54	0.0	-	30	28.3	11.9 - 47.3 *
Maine	-	-	-	-	-	-	-	-	-
Maryland	37	-	-	26	0.0	-	11	-	-
Michigan	35	39.6	21.9 - 56.8 *	21	-	-	14	-	-
MI - Detroit	23	-	-	12	-	-	11	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Mississippi	34	4.0	0.3 - 17.0 *	28	4.6	0.3 - 19.1 *	-	-	-
Missouri	16	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
New Jersey	48	14.2	4.5 - 29.4 *	35	11.6	2.4 - 28.8 *	13	-	-
New Mexico	-	-	-	-	-	-	-	-	-
New York	69	17.5	8.1 - 29.8 *	50	14.1	5.0 - 27.8 *	19	-	-
North Carolina	47	8.7	0.8 - 29.1 *	26	13.9	2.0 - 36.7 *	21	0.0	-
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	56	6.5	0.7 - 22.4 *	38	-	-	18	-	-
Oklahoma	12	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Pennsylvania	36	-	-	24	-	-	12	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
South Carolina	26	0.0	-	21	0.0	-	-	-	-
Tennessee	18	-	-	11	0.0	-	-	-	-
Texas	71	14.9	6.4 - 26.9 *	53	8.6	2.3 - 20.5 *	18	-	-
Utah	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Virginia	73	6.5	1.4 - 17.3 *	56	10.7	2.7 - 25.2 *	17	0.0	-
Washington	-	-	-	-	-	-	-	-	-
WA - Seattle	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-
Wisconsin	15	-	-	11	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-

- Counts are suppressed when fewer than 10 cases were reported for the specific cancer, the standard error was greater than or equal to 10% or when the difference of the upper and lower confidence intervals was greater than 40%.

* Relative survival ratio (RSR) values and confidence intervals are not age-standardized.

¹ Abbreviations: RSR – Relative Survival Ratios; C.I. – Confidence Interval