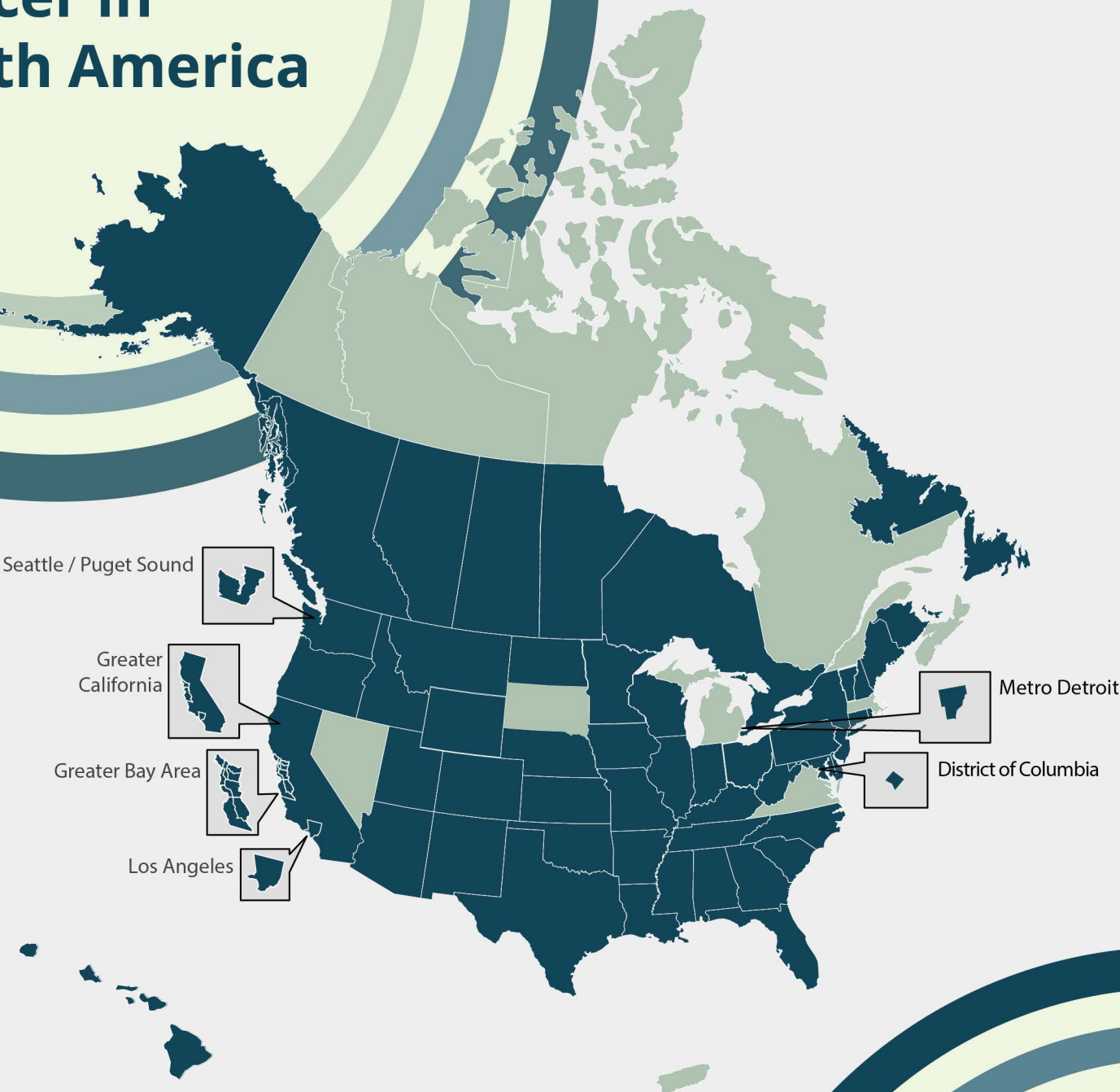


2015 – 2019

Cancer in North America



 PARTICIPATING REGISTRIES

 NOT PARTICIPATING

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. NAACCR issues the call, and the member registries' data submissions are combined and used to create the Cancer in North America (CiNA) monograph and other CiNA products for data analyses and cancer incidence information (e.g., NAACCR CiNA Explorer, NAACCR CiNA Maps online query system, CiNA Public Use Dataset, CiNA Research Datasets). These preeminent cancer data resources are unparalleled in geographic scope, timeliness of statistics, and assurance of standardization of information and data quality.

In May 2022, NAACCR released a five-volume monograph, *Cancer in North America: 2015–2019*. This release is the 32nd publication of the series and the 30th release that includes statistics for both Canada and the United States.

This year's publication includes cancer incidence data for all 50 U.S. states, the District of Columbia, Puerto Rico, and 11 Canadian provinces and territories. We also report data by five regions: California (excluding the Greater Bay area and Los Angeles) and four Surveillance, Epidemiology, and End Results (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 are recommended for use in assessing current cancer incidence trends.

New this year, all rates are age-adjusted based on 20 age groups, which now include an additional older age group, 85–90 years. As cancer is a significant burden among our older populations, this update provides more accurate descriptions of the burden of cancer in North America. To accommodate issues with underlying denominator data, racial/ethnic groups are presented differently. This change results in more accurate assessments of the burden of cancer among Asian and Pacific Islander populations and American Indian and Alaska Native (AI/AN) populations. This change in racial/ethnic calculations results in higher presented rates for these populations compared to previous monographs, particularly for AI/AN rates. It is critical to understand that these rates more accurately reflect the true burden of cancer in these populations but *do not* reflect a difference in the actual risk of cancer among these populations. These rates are a correction to previous calculations.

The CiNA monograph encompasses five separate volumes:

Volume One: Combined Cancer Incidence for the United States and Canada

Includes aggregated cancer incidence data by site, sex, race, ethnicity, and stage, including pediatric cancer and cancer by stage at diagnosis from the high-quality registries in the U.S. and Canada.

Volume Two: Registry-Specific Cancer Incidence for the United States and Canada

Includes registry-specific cancer incidence rates by cancer site, sex, race, ethnicity, and stage for all NAACCR member registries submitting data for inclusion in the monograph. To help interpret the statistics, data tables for each registry include demographic and data quality information; registry descriptions are also presented.

Volume Three: Registry-Specific Cancer Mortality for the United States and Canada

Includes registry-specific cancer death rates by cancer site, sex, race, and ethnicity.

Volume Four: Cancer Survival for the United States and Canada

Includes cancer survival data for the U.S. and Canada from 59 registries on more than 13 million cases diagnosed among North Americans between 2012 and 2018.

Volume Five: Cancer Prevalence for the United States and Canada

Includes cancer prevalence estimates for the U.S. and Canada from 59 registries on more than 18 million cases diagnosed among North Americans between 2009 and 2018.

All CiNA volumes are available to download free of charge from the NAACCR website, along with accompanying technical data, including population data and supporting appendices. Additional visualizations of CiNA data are available as online query systems available here: <https://www.naacrr.org/interactive-data-on-line/>.

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 are 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.

We hope that *Cancer in North America: 2015–2019*, with the companion CiNA products and resources, facilitates studies of cancer burden, so that we are better able to identify—and understand—appropriate and important measures to control the myriad diseases known collectively as cancer.

The Editors, May 2022

CANCER IN NORTH AMERICA: 2015–2019

VOLUME FOUR: CANCER SURVIVAL IN THE UNITED STATES AND CANADA 2012-2018

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

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May 2022

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CINA SURVIVAL PARTICIPANTS 2012–2018



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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 2012-2018, 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 2012-2018, by Registry and Race

All Races

All Sites	III-1
All Sites (CSI)	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 (CSI).....	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 (CSI).....	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



INTRODUCTION

The North American Association of Central Cancer Registries, Inc. (NAACCR) is a professional organization that develops and promotes uniform data standards for cancer registration; provides education and training; certifies population-based registries; aggregates and publishes data from central cancer registries; and promotes the use of cancer surveillance data and systems for cancer control and epidemiologic research, public health programs, and patient care to reduce the burden of cancer in North America. NAACCR annually produces this statistical monograph on Cancer in North America (CiNA) to provide cancer incidence, mortality, and other cancer burden statistics for the United States, Canada, and North America.

Annual cancer statistics for the U.S., for Canada, and for North America are presented in each of the five Cancer in North America (CiNA) volumes. This year marks the 32nd annual release of the series of CiNA monographs; and the 30th year CiNA has included data from both the U.S. and Canada. The *2022 CiNA Survival Monograph* includes data from 8 of 13 Canadian provinces/territories, 45 U.S. states, the District of Columbia, and 5 regional Surveillance, Epidemiology, and End Results (SEER) registries. The data in *CiNA Survival* reflect about 92% population coverage for the U.S. and 74% for Canada.

NAACCR issues an annual call for data to member registries, which submit data to support the creation of the CiNA monograph and other CiNA products (e.g., NAACCR CiNA Explorer, NAACCR CiNA Maps online query system, CiNA Public Use Dataset, CiNA Research Datasets). For more information on these products and the process for gaining access to them, please visit <https://www.naaccr.org/cina-data-products-overview/>.

This monograph is a testament to the continuing commitment by population-based cancer registries throughout the U.S. and Canada to collect timely, complete, and accurate data that make this publication possible. An Editorial Board of member volunteers, with support from NAACCR staff and staff from Information Management Services, takes on the responsibility to oversee the call for data, evaluate all submissions, and make all editorial decisions in production of the monograph. The objective of this work is to provide timely and useful information on cancer burden for all geographic areas and racial/ethnic groups in the U.S. and Canada.

CONTENTS OF THE CiNA MONOGRAPH

The CiNA Monograph encompasses five separate volumes:

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Includes aggregated cancer incidence data by site, sex, race, ethnicity, and stage, including pediatric cancer and cancer by stage at diagnosis from the high-quality registries in the U.S. and Canada.

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Includes cancer prevalence estimates for the U.S. and Canada from 59 registries on more than 18 million cases diagnosed among North Americans between 2009 and 2018.

In the U.S., cancer statistics are calculated for by race/ethnicity. The actual racial/ethnic groups vary by volume, based on data availability and statistical stability. Race and ethnicity information is not collected in

Canada; therefore, Canadian data are not presented by race/ethnicity.

CiNA Volume Four: Cancer Survival in the United States and Canada

NAACCR has been producing CiNA incidence and mortality publications for 32 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.

The survival data presented in *CiNA Survival* include data from 59 registries (which represent 8 Canadian provinces/territories, 45 U.S. states, the District of Columbia, and 5 regional SEER registries) on more than 13 million cases diagnosed among North Americans between 2012 and 2018 and represent 92% population coverage in the U.S. and 74% in Canada. *CiNA Survival* is composed of three sections:

Section 1: Introduction and Technical Notes

Section 2: Five-Year Age-Standardized Relative Survival Ratios for Cancer Diagnosed 2012–2018, United States, Canada, and North America

Includes counts, relative survival ratios, and 95% confidence intervals for the U.S., Canada, and North America combined. These statistics are presented for all sites combined and for select cancer sites. The tables for each cancer site present statistics by stage, as well as specific age groups for each region. In the U.S. combined, survival statistics by white and Black race are also presented.

Section 3: Five-Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2012–2018, by Registry and Race

Includes counts, relative survival ratios, and 95% confidence intervals by registry and sex for select cancer sites. Survival statistics are available for the U.S. and Canadian registries for all races combined and for the U.S. 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, Centers for Disease Control and Prevention, who reviewed preliminary results; and all the registry staff who contributed data.

TECHNICAL NOTES

For coding and other general technical information, please see the technical section of *CiNA: 2015–2019, Volume One: Combined Cancer Incidence for the United States, Canada and North America*.¹

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-up² or ascertain deaths through the study cutoff date (December 31, 2018). Starting with the November 2020 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, 2019 or be deceased.² These follow-up dates could have been the result of either passive or active patient follow-up mechanisms.³ We used the November 2021 Call for Data file to measure the follow-up rate and the NAACCR Call for Data Follow-Up Activities Form that is part of the annual call for data to determine how registries ascertained 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 2012–2018 with follow-up through the end of 2018.

Using information from the NAACCR Call for Data Follow-Up Activities Form, follow-up through 2018 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 8 of 13 Canadian provinces/territories and 46 of 52 U.S. jurisdictions. National population coverage by *CiNA Survival* is about 92% for the U.S. and 74% 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 and statistics. To avoid double counting, data from sub-state registries in California and Washington were not included in the NAACCR U.S. combined or NAACCR North American statistics. Data from Detroit were included because the state of Michigan was not. The sub-state registries in California, Michigan and Washington are 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 cases categorized as “Malignant,” “Only malignant in ICD-O-3,” and “Only malignant 2010+” per SEER behavior recode for analysis⁴ with age at diagnosis 15–99 during 2012–2018 with follow-up/death ascertainment through the study cutoff date of December 31, 2018.^a 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,⁵ 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 was diagnosed with three primary tumors during 2012–2018, 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 at different stages, 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 groups 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 8.4.0) was used to perform the survival calculations.⁶ Staff at Information Management Services, Inc. (Calverton, MD) prepared a SEER*Stat database for the purpose of calculating *CiNA Survival* statistics.⁷ The survival duration in months was calculated based on complete dates. For registries meeting SEER follow-up standards (SEER-17 registries plus Idaho, Montana, and New York), 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, 2018, 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.⁸ 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 U.S., also by race/ethnicity and socioeconomic status (SES).⁹ For Canada, official Statistics Canada life tables were used for all provinces and territories except Prince Edward Island. Because complete life tables were not available for Prince Edward Island or the territories, expected survival for these jurisdictions was derived, up to age 99, from abridged life tables for Canada and the affected jurisdictions¹⁰ and from complete Canadian life tables¹¹ using a method suggested by

^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.

Dickman et al.¹² 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 have on comparisons between U.S. and Canadian relative survival estimates. Cases were censored at an achieved age of 100 years. In the U.S., survival statistics are calculated for the following race populations: all races combined, white, and Black. Race information is not collected in Canada, and thus is not presented.

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).¹³ 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 and rectum, corpus and uterus, esophagus, kidney and renal pelvis, larynx, leukemia, liver and intrahepatic bile duct, lung and bronchus, mesothelioma, myeloma, non-Hodgkin lymphoma, oral cavity and pharynx, ovary, pancreas, 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 (as 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 greater than 40 percentage points; or (3) the standard error of the age-standardized estimate was greater than or equal to 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 greater than 40 percentage points or the standard error for an RSR was greater than or equal to 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 are displayed as percentages in this document. 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; the RSR for Idaho, for example, may not be comparable to the RSR for Kentucky because Kentucky has higher rates of highly fatal, smoking-related cancers. The second is labeled “All Sites (CSI)” 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 trivial. Case counts used 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 (CSI)” 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.^{14–16} 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 (U.S. or Canada) that contains the jurisdiction. This replacement was conducted by race for the U.S. (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.¹⁷ More cases are included in the “All Sites (CSI)” 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 (CSI).” The confidence intervals for “All Sites (CSI)” estimates 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 (CSI)” estimate was suppressed.

For tables presenting RSRs by stage, SEER Summary Stage 2000 was used for diagnosis years 2015–2017 and Derived Summary Stage for 2011–2014.^{18,19} 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.²⁰ 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. Survival statistics are not presented by ethnicity for these reasons.

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.²¹ 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 2012–2018, United States, Canada, and North America



Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for All Sites (invasive)

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI	
Total	9,974,194	64.9	64.9 - 64.9	5,013,415	63.4	63.3 - 63.4	4,960,779	66.2	66.1 - 66.2	
Total (CSI)	10,453,273	65.5	65.5 - 65.6	5,294,487	64.5	64.4 - 64.5	5,158,786	66.7	66.7 - 66.8	
Race										
White	8,316,237	65.3	65.2 - 65.3	4,192,085	63.3	63.3 - 63.4	4,124,152	67.0	66.9 - 67.1	
White (CSI)	8,731,609	65.9	65.8 - 65.9	4,437,316	64.6	64.5 - 64.6	4,294,293	67.4	67.3 - 67.4	
Black	1,115,925	59.3	59.2 - 59.5	559,412	60.1	59.8 - 60.3	556,513	58.2	58.0 - 58.4	
Black (CSI)	1,164,112	59.4	59.2 - 59.6	587,168	59.1	58.8 - 59.4	576,944	59.7	59.5 - 59.9	
Stage										
Localized (incl. <i>in situ</i> bladder)	4,785,268	87.7	87.7 - 87.8	2,378,357	86.7	86.6 - 86.8	2,406,911	88.6	88.5 - 88.7	
Regional	2,182,193	60.8	60.7 - 60.9	1,009,515	56.8	56.6 - 56.9	1,172,678	64.1	64.0 - 64.2	
Distant	2,618,325	30.6	30.6 - 30.7	1,404,893	30.1	30.0 - 30.2	1,213,432	31.3	31.1 - 31.4	
Unstaged	753,598	47.6	47.4 - 47.8	423,037	50.5	50.3 - 50.7	330,561	43.6	43.3 - 43.8	
Age Group ¹										
15-44	786,330	84.3	84.2 - 84.4	285,441	80.0	79.8 - 80.2	500,889	86.7	86.6 - 86.8	
45-54	1,252,803	75.5	75.4 - 75.6	529,791	69.9	69.7 - 70.1	723,012	79.7	79.6 - 79.8	
55-64	2,498,471	69.5	69.4 - 69.6	1,320,247	67.4	67.3 - 67.5	1,178,224	71.9	71.8 - 72.0	
65-74	2,918,293	65.9	65.8 - 65.9	1,611,663	66.0	65.8 - 66.1	1,306,630	65.8	65.6 - 65.9	
75+	2,592,431	51.2	51.1 - 51.3	1,308,261	50.9	50.7 - 51.1	1,284,170	51.5	51.4 - 51.7	

NAACCR CANADIAN COMBINED												
Subgroup	MALES AND FEMALES				MALES				FEMALES			
	Count	RSR	95% CI		Count	RSR	95% CI		Count	RSR	95% CI	
Total	936,217	65.1	65.0 - 65.3		472,011	63.7	63.5 - 63.9		464,206	66.3	66.1 - 66.5	
Total (CSI)	987,429	65.3	65.2 - 65.5		501,721	64.1	63.9 - 64.3		485,708	66.6	66.4 - 66.8	
Stage ²												
Localized (incl. <i>in situ</i> bladder)	253,292	91.8	91.6 - 92.1		125,080	91.7	91.4 - 92.0		128,212	91.9	91.5 - 92.2	
Regional	135,955	68.4	68.0 - 68.7		58,504	66.2	65.6 - 66.7		77,451	69.7	69.3 - 70.2	
Distant	169,015	33.0	32.7 - 33.3		93,775	34.7	34.3 - 35.1		75,240	31.0	30.5 - 31.4	
Unstaged	273,944	56.2	55.9 - 56.4		143,701	54.0	53.7 - 54.4		130,243	58.6	58.2 - 58.9	
Age Group ¹												
15-44	69,058	86.4	86.1 - 86.7		25,101	83.7	83.1 - 84.3		43,957	88.0	87.6 - 88.3	
45-54	109,492	78.3	78.0 - 78.6		43,889	73.1	72.5 - 73.6		65,603	81.9	81.5 - 82.2	
55-64	218,747	71.0	70.8 - 71.3		112,679	68.6	68.3 - 69.0		106,068	73.5	73.2 - 73.9	
65-74	268,997	65.6	65.3 - 65.8		149,199	65.4	65.0 - 65.7		119,798	65.8	65.4 - 66.2	
75+	277,827	49.4	49.0 - 49.7		145,510	49.4	48.9 - 49.8		132,317	49.3	48.9 - 49.8	

NAACCR NORTH AMERICA COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Total	10,910,411	64.9	64.9 - 65.0	5,485,426	63.4	63.3 - 63.4	5,424,985	66.2	66.1 - 66.2			
Total (CSI)	1,1440,702	65.5	65.5 - 65.6	5,796,208	64.5	64.4 - 64.5	5,644,494	66.7	66.7 - 66.8			
Stage ²												
Localized (incl. <i>in situ</i> bladder)	5,038,560	88.0	87.9 - 88.0	2,503,437	87.0	86.9 - 87.1	2,535,123	88.8	88.7 - 88.8			
Regional	2,318,148	61.3	61.2 - 61.4	1,068,019	57.4	57.2 - 57.5	1,250,129	64.5	64.4 - 64.6			
Distant	2,787,340	30.8	30.7 - 30.9	1,498,668	30.4	30.3 - 30.5	1,288,672	31.2	31.1 - 31.4			
Unstaged	1,027,542	50.1	50.0 - 50.2	566,738	51.6	51.4 - 51.7	460,804	48.2	48.0 - 48.4			
Age Group ¹												
15-44	855,388	84.4	84.3 - 84.5	310,542	80.3	80.1 - 80.5	544,846	86.8	86.7 - 86.9			
45-54	1,362,295	75.8	75.7 - 75.9	573,680	70.1	70.0 - 70.3	788,615	79.9	79.8 - 80.0			
55-64	2,717,218	69.6	69.6 - 69.7	1,432,926	67.5	67.4 - 67.6	1,284,292	72.0	71.9 - 72.1			
65-74	3,187,290	65.8	65.8 - 65.9	1,760,862	65.9	65.8 - 66.0	1,426,428	65.8	65.7 - 65.9			
75+	2,870,258	51.0	50.9 - 51.1	1,453,771	50.7	50.6 - 50.9	1,416,487	51.3	51.2 - 51.5			

Abbreviations: CSI, composite site index; RSR, Relative Survival Ratio; CI, Confidence Interval

See Technical Notes for the difference between age-standardized RSR and Standardized using a composite index (CSI).

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

All Sites (invasive)
Combined Survival II-1

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Oral Cavity & Pharynx

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	280,643	62.2	61.9 - 62.5	200,587	61.4	61.0 - 61.8	80,056	64.2	63.7 - 64.7
Race									
White	242,251	63.4	63.0 - 63.7	174,561	62.6	62.2 - 63.1	67,690	65.0	64.4 - 65.5
Black	23,735	47.0	45.8 - 48.2	16,274	44.4	42.9 - 45.9	7,461	52.8	50.8 - 54.7
Stage									
Localized	85,868	78.0	77.4 - 78.5	51,953	76.6	75.9 - 77.3	33,915	80.3	79.4 - 81.1
Regional	140,602	60.2	59.7 - 60.7	108,629	61.2	60.6 - 61.8	31,973	57.1	56.3 - 57.9
Distant	39,916	35.0	34.3 - 35.6	30,207	34.7	33.9 - 35.5	9,709	35.2	34.0 - 36.5
Unstaged	18,797	54.1	53.0 - 55.2	12,939	53.1	51.7 - 54.5	5,858	56.7	54.8 - 58.6
Age Group ¹									
15-44	17,058	80.9	80.1 - 81.6	10,489	77.6	76.6 - 78.6	6,569	86.1	85.0 - 87.1
45-54	46,469	71.4	70.9 - 72.0	34,773	71.0	70.4 - 71.7	11,696	72.7	71.6 - 73.7
55-64	89,247	66.2	65.8 - 66.6	68,115	65.6	65.1 - 66.1	21,132	68.2	67.3 - 69.0
65-74	74,700	62.2	61.7 - 62.8	54,635	61.1	60.4 - 61.7	20,065	65.2	64.2 - 66.2
75+	54,121	50.8	49.9 - 51.6	33,202	50.4	49.3 - 51.5	20,919	51.3	50.0 - 52.6

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	24,330	61.2	60.2 - 62.1	16,960	60.4	59.1 - 61.6	7,370	62.8	61.1 - 64.4
Stage ²									
Localized	1,583	80.8	76.9 - 84.0	998	80.4	75.5 - 84.4	585	81.1	74.5 - 86.2
Regional	1,997	60.1	56.8 - 63.3	1,462	60.3	55.7 - 64.6	535	58.4	52.8 - 63.6
Distant	1,251	35.3	31.8 - 38.9	931	33.1	29.2 - 37.0	320	38.9	32.2 - 45.6
Unstaged	15,892	60.7	59.6 - 61.8	11,012	59.8	58.4 - 61.2	4,880	62.4	60.5 - 64.2
Age Group ²									
15-44	1,541	83.1	80.6 - 85.3	914	80.5	77.1 - 83.4	627	87.0	83.2 - 89.9
45-54	3,865	75.1	73.3 - 76.8	2,824	74.3	72.1 - 76.3	1,041	77.3	74.0 - 80.2
55-64	7,288	67.9	66.3 - 69.3	5,492	66.4	64.6 - 68.1	1,796	72.2	69.3 - 75.0
65-74	6,352	59.2	57.4 - 61.0	4,573	59.3	57.2 - 61.4	1,779	59.0	55.6 - 62.2
75+	5,379	46.7	44.3 - 49.1	3,224	46.1	42.8 - 49.3	2,155	47.2	43.6 - 50.8

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	304,973	62.1	61.8 - 62.4	217,547	61.3	60.9 - 61.7	87,426	64.1	63.6 - 64.6
Stage ²									
Localized	87,451	78.1	77.5 - 78.6	52,951	76.7	76.0 - 77.4	34,500	80.3	79.5 - 81.1
Regional	142,599	60.2	59.7 - 60.7	110,091	61.2	60.6 - 61.8	32,508	57.1	56.3 - 57.9
Distant	41,167	35.0	34.3 - 35.6	31,138	34.7	33.9 - 35.5	10,029	35.4	34.2 - 36.6
Unstaged	34,689	57.4	56.6 - 58.1	23,951	56.5	55.5 - 57.4	10,738	59.4	58.1 - 60.7
Age Group ¹									
15-44	18,599	81.1	80.3 - 81.8	11,403	77.9	76.9 - 78.8	7,196	86.2	85.1 - 87.2
45-54	50,334	71.7	71.2 - 72.2	37,597	71.3	70.7 - 71.9	12,737	73.1	72.1 - 74.0
55-64	96,535	66.3	65.9 - 66.7	73,607	65.6	65.1 - 66.1	22,928	68.5	67.7 - 69.3
65-74	81,052	62.0	61.5 - 62.5	59,208	60.9	60.3 - 61.6	21,844	64.7	63.8 - 65.7
75+	59,500	50.4	49.6 - 51.2	36,426	50.0	49.0 - 51.0	23,074	50.9	49.7 - 52.1

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Esophagus

NAACCR U.S. COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	109,130	20.8	20.4 - 21.1			86,271	20.1	19.7 - 20.5	22,859	23.6	22.8 - 24.4
Race											
White	95,364	21.2	20.8 - 21.6			76,581	20.6	20.2 - 21.1	18,783	23.9	23.0 - 24.8
Black	10,004	14.4	13.3 - 15.5			6,822	12.2	11.0 - 13.5	3,182	18.7	16.7 - 20.8
Stage											
Localized	20,818	47.8	46.7 - 48.9			15,922	49.1	47.8 - 50.3	4,896	43.7	41.5 - 45.9
Regional	37,735	25.1	24.4 - 25.8			29,702	24.2	23.4 - 25.0	8,033	28.3	26.9 - 29.8
Distant	38,300	5.2	4.9 - 5.6			31,682	4.8	4.5 - 5.2	6,618	7.2	6.4 - 8.1
Unstaged	12,598	16.7	15.7 - 17.8			9,205	15.4	14.2 - 16.6	3,393	20.7	18.6 - 23.0
Age Group ¹											
15-44	2,426	26.5	24.3 - 28.8			1,955	24.3	21.8 - 26.7	471	35.4	30.3 - 40.5
45-54	10,689	22.6	21.6 - 23.6			8,672	21.0	19.9 - 22.1	2,017	29.3	26.8 - 31.8
55-64	29,831	21.8	21.1 - 22.4			24,431	21.1	20.4 - 21.8	5,400	24.8	23.3 - 26.4
65-74	35,464	22.9	22.2 - 23.5			28,853	22.4	21.7 - 23.1	6,611	24.8	23.3 - 26.2
75+	30,796	15.7	15.0 - 16.4			22,419	15.5	14.7 - 16.3	8,377	16.2	15.0 - 17.5

NAACCR CANADIAN COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	10,620	18.7	17.7 - 19.8			8,070	18.9	17.7 - 20.2	2,550	18.1	15.9 - 20.3
Stage ²											
Localized	306	44.9	38.1 - 51.4			233	47.2	39.7 - 54.3	73	38.1	25.9 - 50.3
Regional	597	24.6	20.3 - 29.1			460	23.2	18.3 - 28.5	137	29.1	20.6 - 38.2†
Distant	1,062	4.7	3.3 - 6.6			868	4.9	3.3 - 6.9	194	4.8	2.3 - 8.6
Unstaged	6,909	19.2	18.0 - 20.5			5,190	19.6	18.2 - 21.2	1,719	18.0	15.5 - 20.7
Age Group ¹											
15-44	184	28.6	21.4 - 36.2			149	30.3	22.1 - 38.8	35	20.6	7.8 - 37.5
45-54	935	24.2	20.8 - 27.7			751	23.6	19.8 - 27.6	184	26.0	18.9 - 33.7
55-64	2,838	20.1	18.2 - 22.0			2,266	19.7	17.6 - 21.9	572	21.5	17.4 - 26.0
65-74	3,278	19.7	17.8 - 21.6			2,576	19.6	17.5 - 21.8	702	19.7	16.1 - 23.7
75+	3,396	12.1	10.4 - 13.9			2,336	12.9	10.9 - 15.2	1,060	9.7	7.0 - 13.0

NAACCR NORTH AMERICA COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	119,750	20.6	20.2 - 20.9			94,341	20.0	19.6 - 20.4	25,409	23.1	22.3 - 23.9
Stage ²											
Localized	21,124	47.8	46.7 - 48.9			16,155	49.1	47.8 - 50.4	4,969	43.6	41.4 - 45.7
Regional	38,332	25.1	24.4 - 25.8			30,162	24.2	23.4 - 24.9	8,170	28.3	26.9 - 29.8
Distant	39,362	5.2	4.9 - 5.6			32,550	4.8	4.5 - 5.2	6,812	7.1	6.3 - 8.0
Unstaged	19,507	17.7	16.9 - 18.5			14,395	17.1	16.1 - 18.0	5,112	19.9	18.3 - 21.6
Age Group ¹											
15-44	2,610	26.7	24.6 - 28.9			2,104	24.7	22.4 - 27.1	506	34.5	29.7 - 39.4
45-54	11,624	22.8	21.8 - 23.7			9,423	21.2	20.2 - 22.3	2,201	29.1	26.7 - 31.5
55-64	32,669	21.6	21.0 - 22.2			26,697	21.0	20.3 - 21.6	5,972	24.5	23.1 - 26.0
65-74	38,742	22.6	22.0 - 23.2			31,429	22.2	21.5 - 22.9	7,313	24.3	23.0 - 25.7
75+	34,192	15.4	14.7 - 16.0			24,755	15.3	14.5 - 16.1	9,437	15.5	14.4 - 16.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Stomach**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	153,608	34.6	34.3 - 35.0		94,814	30.7	30.3 - 31.2	58,794	41.2	40.7 - 41.8
Race										
White	114,908	33.5	33.1 - 33.9		72,780	29.7	29.2 - 30.2	42,128	40.3	39.7 - 41.0
Black	24,378	35.8	34.9 - 36.6		13,874	30.2	29.0 - 31.3	10,504	43.3	42.0 - 44.7
Stage										
Localized	46,399	71.4	70.8 - 72.1		25,666	66.9	66.0 - 67.8	20,733	77.0	76.1 - 77.9
Regional	39,217	31.7	31.0 - 32.4		26,428	30.7	29.9 - 31.6	12,789	33.9	32.7 - 35.1
Distant	51,717	6.8	6.5 - 7.1		33,798	6.5	6.1 - 6.9	17,919	7.4	6.9 - 8.0
Unstaged	16,863	32.2	31.2 - 33.3		9,261	25.9	24.6 - 27.3	7,602	40.4	38.8 - 42.0
Age Group ¹										
15-44	9,114	41.9	40.6 - 43.2		4,689	36.5	34.8 - 38.3	4,425	47.6	45.8 - 49.4
45-54	17,396	39.4	38.4 - 40.3		10,418	33.8	32.6 - 35.0	6,978	47.9	46.5 - 49.4
55-64	34,565	37.5	36.8 - 38.1		22,653	32.4	31.6 - 33.2	11,912	47.2	46.0 - 48.3
65-74	43,184	36.8	36.1 - 37.4		28,302	32.7	31.9 - 33.5	14,882	44.5	43.4 - 45.5
75+	49,468	26.5	25.9 - 27.2		28,815	24.8	23.9 - 25.6	20,653	28.9	27.9 - 29.9

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	17,687	31.1	30.2 - 32.1		11,471	29.3	28.2 - 30.5	6,216	34.5	32.9 - 36.1
Stage ²										
Localized	705	66.0	61.0 - 70.6		451	65.3	59.0 - 71.0	254	67.7	59.5 - 74.6
Regional	879	28.8	25.2 - 32.5		604	28.4	24.0 - 33.0	275	30.9	24.4 - 37.6
Distant	1,526	5.5	4.2 - 7.0		1,035	5.9	4.3 - 7.8	491	4.7	2.8 - 7.4 †
Unstaged	11,911	32.6	31.5 - 33.7		7,657	30.5	29.2 - 31.9	4,254	36.4	34.6 - 38.2
Age Group ²										
15-44	703	43.9	39.6 - 48.2		372	42.8	36.6 - 48.8	331	45.2	39.1 - 51.2
45-54	1,695	34.6	31.7 - 37.4		1,098	30.8	27.4 - 34.3	597	41.6	36.6 - 46.5
55-64	3,698	31.4	29.4 - 33.3		2,506	28.9	26.6 - 31.2	1,192	36.4	33.0 - 39.8
65-74	4,903	33.2	31.5 - 35.0		3,354	31.2	29.1 - 33.4	1,549	37.3	34.2 - 40.3
75+	6,703	24.3	22.7 - 25.9		4,150	24.0	21.9 - 26.1	2,553	24.7	22.3 - 27.2

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	171,295	34.3	34.0 - 34.6		106,285	30.6	30.2 - 31.0	65,010	40.6	40.1 - 41.1
Stage ²										
Localized	47,104	71.3	70.7 - 72.0		26,117	66.9	66.0 - 67.8	20,987	76.9	76.0 - 77.8
Regional	40,096	31.7	31.0 - 32.3		27,032	30.7	29.8 - 31.5	13,064	33.8	32.7 - 35.0
Distant	53,243	6.8	6.4 - 7.1		34,833	6.5	6.1 - 6.9	18,410	7.3	6.8 - 7.9
Unstaged	28,774	32.0	31.3 - 32.8		16,918	28.0	27.0 - 29.0	11,856	38.4	37.2 - 39.6
Age Group ¹										
15-44	9,817	42.1	40.8 - 43.3		5,061	37.0	35.3 - 38.7	4,756	47.4	45.7 - 49.1
45-54	19,091	38.9	38.1 - 39.8		11,516	33.5	32.4 - 34.6	7,575	47.4	46.0 - 48.8
55-64	38,263	36.9	36.2 - 37.5		25,159	32.1	31.3 - 32.8	13,104	46.2	45.1 - 47.3
65-74	48,087	36.4	35.8 - 37.0		31,656	32.6	31.8 - 33.3	16,431	43.8	42.7 - 44.8
75+	56,171	26.3	25.7 - 26.9		32,965	24.7	23.9 - 25.5	23,206	28.4	27.5 - 29.4

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Colon & Rectum

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	881,080	63.4	63.2 - 63.5		462,857	62.1	61.8 - 62.3	418,223	64.9	64.7 - 65.1
Race										
White	719,364	63.9	63.7 - 64.1		380,181	62.6	62.4 - 62.9	339,183	65.4	65.2 - 65.7
Black	110,259	57.1	56.6 - 57.6		55,266	55.1	54.4 - 55.8	54,993	59.0	58.4 - 59.7
Stage										
Localized	322,872	87.5	87.2 - 87.7		168,325	86.1	85.8 - 86.5	154,547	88.9	88.6 - 89.2
Regional	324,744	70.5	70.2 - 70.8		171,055	69.3	68.9 - 69.7	153,689	71.8	71.5 - 72.2
Distant	191,605	14.6	14.4 - 14.9		102,638	13.3	13.0 - 13.6	88,967	16.2	15.9 - 16.6
Unstaged	55,378	48.6	48.0 - 49.2		28,606	47.4	46.5 - 48.2	26,772	50.3	49.4 - 51.2
Age Group ¹										
15-44	55,205	70.7	70.2 - 71.3		28,063	68.6	67.8 - 69.3	27,142	73.0	72.3 - 73.7
45-54	128,796	71.3	70.9 - 71.6		70,814	69.5	69.0 - 70.0	57,982	73.4	72.9 - 73.9
55-64	200,541	66.3	66.0 - 66.6		115,899	64.9	64.5 - 65.3	84,642	68.3	67.8 - 68.7
65-74	225,659	64.7	64.4 - 65.0		124,851	63.4	63.0 - 63.8	100,808	66.2	65.8 - 66.6
75+	272,202	54.7	54.3 - 55.0		124,004	53.8	53.2 - 54.3	148,198	55.4	54.9 - 55.8

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	110,135	67.8	67.4 - 68.2		60,777	67.2	66.6 - 67.8	49,358	68.5	67.9 - 69.1
Stage ²										
Localized	35,437	91.8	91.2 - 92.4		19,628	91.0	90.2 - 91.8	15,809	92.7	91.8 - 93.4
Regional	34,784	74.9	74.2 - 75.5		19,514	73.9	72.9 - 74.8	15,270	76.0	75.0 - 77.0
Distant	18,745	16.2	15.5 - 16.9		10,322	15.5	14.5 - 16.4	8,423	17.2	16.1 - 18.3
Unstaged	8,904	53.7	52.3 - 55.0		4,745	54.2	52.2 - 56.1	4,159	53.6	51.6 - 55.6
Age Group ¹										
15-44	5,083	76.6	75.1 - 78.1		2,493	74.3	72.0 - 76.4	2,590	78.9	76.8 - 80.9
45-54	11,452	74.1	73.0 - 75.1		6,323	73.5	72.0 - 74.9	5,129	74.7	73.1 - 76.2
55-64	23,068	71.1	70.3 - 71.9		13,737	70.2	69.1 - 71.2	9,331	72.5	71.3 - 73.7
65-74	30,722	69.9	69.1 - 70.6		18,420	69.6	68.6 - 70.6	12,302	70.3	69.1 - 71.4
75+	40,142	58.3	57.5 - 59.2		20,008	58.2	56.9 - 59.5	20,134	58.5	57.2 - 59.6

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	991,215	63.9	63.7 - 64.0		523,634	62.7	62.5 - 62.9	467,581	65.3	65.1 - 65.5
Stage ²										
Localized	358,309	88.0	87.7 - 88.2		187,953	86.7	86.4 - 87.1	170,356	89.3	89.0 - 89.6
Regional	359,528	71.0	70.8 - 71.3		190,569	69.9	69.6 - 70.3	168,959	72.3	71.9 - 72.6
Distant	210,350	14.8	14.6 - 15.0		112,960	13.5	13.2 - 13.8	97,390	16.3	16.0 - 16.7
Unstaged	64,282	49.4	48.8 - 50.0		33,351	48.5	47.7 - 49.3	30,931	50.8	50.0 - 51.6
Age Group ¹										
15-44	60,288	71.3	70.8 - 71.8		30,556	69.0	68.3 - 69.7	29,732	73.5	72.8 - 74.2
45-54	140,248	71.5	71.2 - 71.8		77,137	69.8	69.4 - 70.3	63,111	73.5	73.1 - 74.0
55-64	223,609	66.8	66.6 - 67.1		129,636	65.5	65.1 - 65.9	93,973	68.7	68.3 - 69.1
65-74	256,381	65.3	65.0 - 65.6		143,271	64.2	63.8 - 64.6	113,110	66.7	66.3 - 67.1
75+	312,344	55.2	54.8 - 55.5		144,012	54.4	53.9 - 54.9	168,332	55.8	55.3 - 56.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Liver & Intrahepatic Bile Duct**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	204,734	19.1	18.9 - 19.4		146,865	18.4	18.0 - 18.7	57,869	21.0	20.6 - 21.5
Race										
White	156,198	18.4	18.1 - 18.7		112,130	17.8	17.4 - 18.2	44,068	20.1	19.5 - 20.6
Black	29,715	17.8	17.0 - 18.6		21,612	16.5	15.5 - 17.5	8,103	20.9	19.6 - 22.3
Stage										
Localized	90,971	32.8	32.3 - 33.3		65,422	31.8	31.2 - 32.5	25,549	35.3	34.4 - 36.2
Regional	51,333	11.6	11.2 - 12.1		38,071	11.1	10.6 - 11.6	13,262	13.1	12.3 - 14.0
Distant	39,009	3.4	3.1 - 3.7		27,032	3.1	2.7 - 3.5	11,977	4.2	3.7 - 4.8
Unstaged	23,800	11.2	10.5 - 11.9		16,618	9.9	9.1 - 10.7	7,182	14.5	13.3 - 15.8
Age Group ¹										
15-44	5,100	33.2	31.5 - 34.9		3,138	29.9	27.8 - 31.9	1,962	38.5	35.6 - 41.4
45-54	21,307	21.7	21.0 - 22.4		16,295	20.6	19.8 - 21.4	5,012	25.3	23.8 - 26.9
55-64	74,902	22.3	21.9 - 22.7		58,696	21.4	20.9 - 21.8	16,206	25.6	24.7 - 26.5
65-74	60,297	20.2	19.7 - 20.7		43,035	19.8	19.2 - 20.4	17,262	21.3	20.4 - 22.2
75+	43,266	11.1	10.6 - 11.6		25,803	11.0	10.3 - 11.7	17,463	11.2	10.4 - 12.0

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	16,093	20.7	19.8 - 21.7		11,233	20.9	19.8 - 22.1	4,860	20.3	18.7 - 21.9
Stage ²										
Localized	1,156	38.4	34.6 - 42.2		808	38.1	33.3 - 42.9	348	38.5	31.9 - 45.1
Regional	1,078	10.1	7.6 - 12.8		784	11.2	8.3 - 14.6 †	294	10.6	6.6 - 15.8
Distant	680	4.3	2.8 - 6.4		425	3.9	2.1 - 6.4	255	4.3	2.2 - 7.5 †
Unstaged	10,722	21.0	19.9 - 22.0		7,496	21.2	19.8 - 22.5	3,226	20.6	18.8 - 22.4
Age Group ²										
15-44	410	36.0	30.1 - 41.9		256	33.2	26.0 - 40.6	154	40.4	30.3 - 50.2
45-54	1,369	27.7	24.7 - 30.7		997	28.1	24.7 - 31.7	372	26.3	20.7 - 32.3
55-64	4,662	25.2	23.6 - 26.9		3,639	25.1	23.2 - 27.0	1,023	25.4	22.2 - 28.8
65-74	4,806	19.3	17.7 - 20.9		3,469	19.6	17.6 - 21.6	1,337	18.4	15.7 - 21.2
75+	4,896	12.1	10.6 - 13.6		2,913	13.0	11.0 - 15.1	1,983	10.7	8.7 - 12.9

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	220,827	19.2	19.0 - 19.5		158,098	18.6	18.2 - 18.9	62,729	21.0	20.5 - 21.5
Stage ²										
Localized	92,127	32.9	32.4 - 33.4		66,230	31.9	31.3 - 32.5	25,897	35.4	34.5 - 36.3
Regional	52,411	11.6	11.2 - 12.0		38,855	11.1	10.5 - 11.6	13,556	13.0	12.2 - 13.9
Distant	39,689	3.4	3.2 - 3.8		27,457	3.1	2.7 - 3.5	12,232	4.2	3.7 - 4.8
Unstaged	34,522	14.5	13.9 - 15.0		24,114	13.7	13.0 - 14.4	10,408	16.6	15.6 - 17.6
Age Group ¹										
15-44	5,510	33.4	31.8 - 35.1		3,394	30.2	28.2 - 32.1	2,116	38.6	35.8 - 41.4
45-54	22,676	22.0	21.4 - 22.7		17,292	21.0	20.2 - 21.8	5,384	25.4	23.9 - 26.9
55-64	79,564	22.5	22.1 - 22.8		62,335	21.6	21.1 - 22.0	17,229	25.6	24.8 - 26.5
65-74	65,103	20.1	19.7 - 20.6		46,504	19.7	19.2 - 20.3	18,599	21.1	20.2 - 21.9
75+	48,162	11.2	10.7 - 11.7		28,716	11.2	10.5 - 11.9	19,446	11.2	10.4 - 12.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Pancreas**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	302,735	13.8	13.6 - 14.0		156,953	12.9	12.7 - 13.2	145,782	14.8	14.6 - 15.1
Race										
White	250,419	13.9	13.7 - 14.1		132,190	13.1	12.8 - 13.4	118,229	14.8	14.5 - 15.1
Black	38,463	12.0	11.5 - 12.5		17,934	10.0	9.3 - 10.7	20,529	13.9	13.3 - 14.6
Stage										
Localized	40,136	44.5	43.8 - 45.2		19,573	45.1	44.1 - 46.1	20,563	43.9	42.9 - 44.8
Regional	91,900	16.6	16.2 - 17.0		46,940	16.6	16.0 - 17.1	44,960	16.8	16.2 - 17.3
Distant	150,356	4.2	4.0 - 4.4		80,720	3.8	3.6 - 4.0	69,636	4.7	4.4 - 5.0
Unstaged	20,662	15.7	14.9 - 16.6		9,895	14.8	13.7 - 16.0	10,767	16.8	15.5 - 18.1
Age Group ¹										
15-44	7,799	43.3	41.9 - 44.7		3,907	34.4	32.5 - 36.3	3,892	52.4	50.4 - 54.4
45-54	25,425	20.5	19.8 - 21.1		14,328	18.1	17.2 - 18.9	11,097	23.6	22.6 - 24.6
55-64	68,915	13.9	13.6 - 14.3		39,127	13.1	12.6 - 13.5	29,788	15.0	14.5 - 15.6
65-74	93,927	11.4	11.1 - 11.7		51,214	11.5	11.1 - 11.9	42,713	11.2	10.8 - 11.7
75+	106,720	6.2	6.0 - 6.5		48,407	6.9	6.5 - 7.3	58,313	5.6	5.3 - 5.9

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	25,637	13.4	12.8 - 14.1		13,332	12.7	11.8 - 13.5	12,305	14.4	13.6 - 15.4
Stage ²										
Localized	557	53.6	48.6 - 58.4		256	55.7	48.2 - 62.6	301	50.4	43.8 - 56.7
Regional	1,532	17.3	14.7 - 20.0		764	17.5	14.0 - 21.3	768	16.3	12.6 - 20.4
Distant	3,014	5.0	4.0 - 6.2		1,606	4.7	3.4 - 6.3	1,408	3.9	2.8 - 5.1 †
Unstaged	16,594	13.2	12.5 - 13.9		8,653	12.2	11.3 - 13.2	7,941	14.5	13.5 - 15.6
Age Group ¹										
15-44	589	46.1	41.4 - 50.6		311	37.5	31.3 - 43.7	278	55.8	49.0 - 62.2
45-54	1,936	21.1	18.9 - 23.4		1,079	19.3	16.4 - 22.4	857	23.4	20.1 - 26.9
55-64	5,225	14.1	12.9 - 15.4		3,008	13.3	11.7 - 14.9	2,217	15.1	13.2 - 17.2
65-74	7,731	10.3	9.4 - 11.3		4,249	10.5	9.2 - 11.9	3,482	10.2	8.8 - 11.6
75+	10,164	5.0	4.4 - 5.7		4,689	5.6	4.6 - 6.8	5,475	4.5	3.7 - 5.3

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	328,372	13.8	13.6 - 13.9		170,285	12.9	12.7 - 13.1	158,087	14.8	14.6 - 15.1
Stage ²										
Localized	40,693	44.7	44.0 - 45.3		19,829	45.3	44.3 - 46.3	20,864	44.0	43.0 - 44.9
Regional	93,432	16.6	16.2 - 17.0		47,704	16.6	16.1 - 17.1	45,728	16.8	16.2 - 17.3
Distant	153,370	4.2	4.0 - 4.4		82,326	3.8	3.6 - 4.0	71,044	4.7	4.5 - 5.0
Unstaged	37,256	14.3	13.7 - 14.8		18,548	13.3	12.6 - 14.1	18,708	15.5	14.7 - 16.3
Age Group ¹										
15-44	8,388	43.5	42.2 - 44.9		4,218	34.6	32.8 - 36.4	4,170	52.7	50.7 - 54.6
45-54	27,361	20.5	19.9 - 21.2		15,407	18.1	17.4 - 19.0	11,954	23.6	22.6 - 24.6
55-64	74,140	13.9	13.6 - 14.3		42,135	13.1	12.6 - 13.5	32,005	15.0	14.5 - 15.6
65-74	101,658	11.3	11.0 - 11.6		55,463	11.4	11.0 - 11.8	46,195	11.1	10.7 - 11.6
75+	116,884	6.1	5.9 - 6.3		53,096	6.8	6.4 - 7.2	63,788	5.5	5.3 - 5.8

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Larynx**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES			
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI		Count	RSR	95% CI
Total	80,065	59.9	59.3 - 60.4		63,626	60.8	60.1 - 61.5		16,439	55.6	54.3 - 56.8
Race											
White	66,266	60.7	60.1 - 61.4		52,550	61.6	60.9 - 62.3		13,716	56.6	55.2 - 57.9
Black	11,471	52.1	50.4 - 53.7		9,110	53.0	51.1 - 54.8		2,361	48.3	44.8 - 51.7
Stage											
Localized	40,767	75.8	75.0 - 76.6		33,451	76.7	75.8 - 77.5		7,316	71.3	69.5 - 73.0
Regional	23,358	42.9	41.8 - 44.1		17,302	42.9	41.5 - 44.3		6,056	43.1	41.0 - 45.2
Distant	11,392	32.0	30.7 - 33.2		9,222	32.1	30.7 - 33.5		2,170	31.5	28.8 - 34.2
Unstaged	4,654	52.3	50.0 - 54.6		3,729	52.7	50.0 - 55.3		925	49.7	44.8 - 54.4
Age Group ¹											
15-44	1,853	77.5	75.0 - 79.8		1,294	76.1	73.0 - 78.8		559	80.4	75.6 - 84.4
45-54	10,710	62.6	61.4 - 63.8		8,015	61.9	60.5 - 63.2		2,695	64.7	62.3 - 67.0
55-64	26,312	59.2	58.4 - 60.1		20,806	59.6	58.6 - 60.5		5,506	58.0	56.2 - 59.8
65-74	24,755	58.4	57.5 - 59.3		20,035	59.8	58.8 - 60.9		4,720	52.6	50.5 - 54.6
75+	16,479	56.4	54.9 - 57.9		13,514	58.6	56.9 - 60.3		2,965	46.9	43.8 - 50.0

NAACCR CANADIAN COMBINED												
	MALES AND FEMALES				MALES				FEMALES			
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	
Total	5,007	63.2	61.0 - 65.3		4,279	63.7	61.3 - 66.1		728	58.3	53.2 - 63.0	
Stage ²												
Localized	568	85.6	79.9 - 89.7		506	85.8	79.3 - 90.4		62	80.8	64.8 - 90.1	
Regional	138	42.5	31.5 - 53.1		106	38.9	26.2 - 51.4 †		32	*		
Distant	256	41.2	33.3 - 48.9		219	39.1	31.1 - 47.0 †		37	60.8	41.9 - 75.2 †	
Unstaged	3,307	61.8	59.3 - 64.2		2,812	62.9	60.1 - 65.6		495	54.8	49.0 - 60.1	
Age Group ²												
15-44	87	78.5	66.3 - 86.6		59	75.2	60.0 - 85.3		28	85.6	60.6 - 95.3	
45-54	464	69.7	63.8 - 74.8		390	68.2	61.8 - 73.8		74	76.9	59.6 - 87.5	
55-64	1,419	67.2	63.8 - 70.3		1,242	67.9	64.3 - 71.2		177	61.7	51.5 - 70.4	
65-74	1,647	62.5	58.9 - 65.9		1,413	64.5	60.6 - 68.1		234	51.4	41.7 - 60.3	
75+	1,393	54.3	49.2 - 59.1		1,178	55.0	49.3 - 60.4		215	48.3	38.2 - 57.6	

NAACCR NORTH AMERICA COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	85,072	60.0	59.5 - 60.6	67,905	60.9	60.3 - 61.6	17,167	55.7	54.5 - 56.9			
Stage ²												
Localized	41,335	76.0	75.2 - 76.7	33,957	76.8	75.9 - 77.6	7,378	71.4	69.6 - 73.1			
Regional	23,496	42.9	41.8 - 44.1	17,408	42.9	41.4 - 44.3	6,088	43.2	41.1 - 45.3			
Distant	11,648	32.2	31.0 - 33.5	9,441	32.2	30.8 - 33.6	2,207	32.1	29.5 - 34.8			
Unstaged	7,961	56.6	54.9 - 58.2	6,541	57.4	55.4 - 59.3	1,420	52.0	48.4 - 55.6			
Age Group ¹												
15-44	1,940	77.6	75.1 - 79.8	1,353	76.0	73.1 - 78.7	587	80.7	76.1 - 84.5			
45-54	11,174	62.9	61.7 - 64.0	8,405	62.2	60.8 - 63.5	2,769	65.0	62.6 - 67.3			
55-64	27,731	59.6	58.8 - 60.5	22,048	60.0	59.1 - 60.9	5,683	58.1	56.3 - 59.9			
65-74	26,402	58.7	57.7 - 59.5	21,448	60.1	59.1 - 61.1	4,954	52.5	50.4 - 54.5			
75+	17,872	56.3	54.8 - 57.7	14,692	58.3	56.7 - 59.9	3,180	47.2	44.2 - 50.1			

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Lung & Bronchus

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	1,351,208	25.0	24.8 - 25.1		704,772	20.9	20.8 - 21.1	646,436	29.2	29.0 - 29.4
Race										
White	1,152,925	25.1	24.9 - 25.2		597,149	21.0	20.8 - 21.2	555,776	29.3	29.1 - 29.5
Black	146,486	22.1	21.8 - 22.5		79,679	18.3	17.9 - 18.8	66,807	26.6	26.1 - 27.1
Stage										
Localized	314,945	60.2	59.9 - 60.5		148,023	54.4	53.9 - 54.8	166,922	65.0	64.6 - 65.4
Regional	314,946	33.3	33.0 - 33.5		165,376	29.4	29.1 - 29.8	149,570	37.3	36.9 - 37.7
Distant	674,115	7.6	7.4 - 7.7		365,061	6.2	6.0 - 6.3	309,054	9.1	9.0 - 9.3
Unstaged	64,892	18.6	18.1 - 19.2		34,809	16.8	16.1 - 17.6	30,083	21.1	20.2 - 21.9
Age Group ¹										
15-44	16,120	39.1	38.2 - 40.1		7,653	33.5	32.2 - 34.8	8,467	44.2	42.9 - 45.5
45-54	95,169	27.4	27.0 - 27.7		46,382	21.7	21.2 - 22.2	48,787	32.8	32.3 - 33.3
55-64	310,704	25.6	25.4 - 25.9		166,164	21.1	20.9 - 21.4	144,540	30.9	30.5 - 31.2
65-74	473,433	25.4	25.2 - 25.6		251,505	21.6	21.3 - 21.8	221,928	29.7	29.4 - 30.0
75+	459,746	19.6	19.4 - 19.8		234,894	16.8	16.6 - 17.1	224,852	22.3	22.1 - 22.6

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	124,738	24.4	24.0 - 24.8		62,566	20.6	20.0 - 21.1	62,172	28.1	27.6 - 28.7
Stage ²										
Localized	19,325	64.7	63.6 - 65.7		8,566	59.2	57.5 - 60.8	10,759	68.9	67.6 - 70.2
Regional	25,211	35.8	34.9 - 36.8		12,602	32.4	31.0 - 33.8	12,609	39.1	37.7 - 40.4
Distant	55,601	6.6	6.2 - 7.0		29,199	5.5	5.0 - 6.1	26,402	7.7	7.2 - 8.3
Unstaged	8,067	21.9	20.4 - 23.3		4,022	18.1	16.1 - 20.1	4,045	25.5	23.3 - 27.6
Age Group ¹										
15-44	1,180	41.2	37.6 - 44.7		527	39.0	33.9 - 44.1	653	42.9	38.0 - 47.7
45-54	6,699	28.2	26.9 - 29.6		3,017	22.5	20.7 - 24.4	3,682	32.9	31.0 - 34.8
55-64	25,954	26.4	25.7 - 27.1		12,766	21.9	21.0 - 22.9	13,188	30.8	29.8 - 31.8
65-74	43,041	24.8	24.3 - 25.4		21,772	20.6	19.8 - 21.3	21,269	29.2	28.4 - 30.1
75+	48,278	16.8	16.2 - 17.3		24,661	14.2	13.5 - 14.9	23,617	19.4	18.6 - 20.2

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	1,475,946	24.9	24.8 - 25.0		767,338	20.9	20.7 - 21.1	708,608	29.1	29.0 - 29.3
Stage ²										
Localized	334,270	60.5	60.2 - 60.8		156,589	54.7	54.2 - 55.1	177,681	65.3	64.9 - 65.7
Regional	340,157	33.5	33.2 - 33.7		177,978	29.6	29.3 - 30.0	162,179	37.5	37.1 - 37.8
Distant	729,716	7.5	7.4 - 7.6		394,260	6.1	6.0 - 6.3	335,456	9.0	8.9 - 9.2
Unstaged	72,959	19.0	18.5 - 19.5		38,831	16.9	16.2 - 17.6	34,128	21.7	20.9 - 22.5
Age Group ¹										
15-44	17,300	39.3	38.4 - 40.2		8,180	33.9	32.6 - 35.2	9,120	44.1	42.8 - 45.4
45-54	101,868	27.4	27.1 - 27.8		49,399	21.7	21.3 - 22.2	52,469	32.8	32.3 - 33.3
55-64	336,658	25.7	25.5 - 25.9		178,930	21.2	20.9 - 21.4	157,728	30.9	30.5 - 31.2
65-74	516,474	25.4	25.2 - 25.5		273,277	21.5	21.3 - 21.7	243,197	29.7	29.4 - 29.9
75+	508,024	19.3	19.1 - 19.5		259,555	16.6	16.3 - 16.8	248,469	22.1	21.8 - 22.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Melanoma of the Skin

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	494,463	92.6	92.4 - 92.7	290,028	90.9	90.7 - 91.1	204,435	94.2	94.0 - 94.4
Race									
White	469,588	92.3	92.1 - 92.4	276,961	90.5	90.3 - 90.7	192,627	94.0	93.8 - 94.2
Black	2,332	71.1	68.3 - 73.8	1,103	66.8	62.4 - 70.8	1,229	74.8	71.3 - 78.1
Stage									
Localized	387,023	98.2	98.0 - 98.3	223,197	97.6	97.4 - 97.8	163,826	98.8	98.6 - 99.0
Regional	45,877	73.2	72.5 - 73.8	29,117	71.1	70.2 - 72.0	16,760	76.1	75.1 - 77.1
Distant	25,069	35.7	34.8 - 36.6	17,058	33.7	32.5 - 34.8	8,011	38.7	37.3 - 40.2
Unstaged	43,324	91.5	91.0 - 92.0	25,590	90.4	89.6 - 91.1	17,734	92.4	91.7 - 93.1
Age Group ¹									
15-44	63,639	95.1	94.8 - 95.3	23,929	92.1	91.7 - 92.6	39,710	96.8	96.6 - 97.1
45-54	69,852	93.6	93.3 - 93.9	34,510	91.4	91.0 - 91.8	35,342	95.7	95.4 - 96.0
55-64	111,142	92.7	92.4 - 93.0	65,679	91.2	90.8 - 91.6	45,463	94.9	94.6 - 95.3
65-74	125,341	92.1	91.7 - 92.4	82,963	91.4	91.0 - 91.8	42,378	93.3	92.8 - 93.7
75+	126,722	86.9	86.3 - 87.5	84,516	86.6	85.8 - 87.4	42,206	87.5	86.5 - 88.5

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	41,473	89.8	89.3 - 90.3	22,746	87.7	87.0 - 88.5	18,727	92.1	91.4 - 92.7
Stage ²									
Localized	9,332	96.1	95.3 - 96.8	4,854	95.1	93.9 - 96.0	4,478	97.2	96.0 - 98.1
Regional	1,569	67.0	63.8 - 69.9	957	63.3	59.0 - 67.2	612	71.8	66.8 - 76.2
Distant	606	28.1	23.0 - 33.5	401	30.8	23.9 - 37.9	205	23.1	15.6 - 31.6
Unstaged	23,869	89.9	89.2 - 90.5	13,238	88.0	86.9 - 88.9	10,631	91.8	91.0 - 92.6
Age Group ²									
15-44	4,960	94.4	93.5 - 95.2	1,852	92.3	90.5 - 93.7	3,108	95.7	94.6 - 96.5
45-54	5,791	92.0	91.0 - 92.9	2,730	90.2	88.6 - 91.6	3,061	93.6	92.2 - 94.7
55-64	9,438	89.2	88.2 - 90.2	5,152	86.1	84.6 - 87.5	4,286	92.9	91.6 - 94.0
65-74	10,109	89.2	88.0 - 90.3	6,200	87.7	86.0 - 89.2	3,909	91.5	89.8 - 92.9
75+	11,363	80.0	78.1 - 81.8	6,922	78.2	75.6 - 80.6	4,441	82.7	79.7 - 85.4

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	535,936	92.4	92.2 - 92.5	312,774	90.7	90.5 - 90.9	223,162	94.0	93.8 - 94.2
Stage ²									
Localized	396,355	98.1	98.0 - 98.2	228,051	97.5	97.3 - 97.7	168,304	98.7	98.5 - 98.9
Regional	47,446	72.9	72.2 - 73.5	30,074	70.7	69.8 - 71.6	17,372	75.9	74.9 - 76.9
Distant	25,675	35.5	34.6 - 36.4	17,459	33.6	32.5 - 34.7	8,216	38.4	36.9 - 39.8
Unstaged	67,193	90.9	90.5 - 91.3	38,828	89.5	88.9 - 90.1	28,365	92.3	91.7 - 92.8
Age Group ¹									
15-44	68,599	95.0	94.8 - 95.2	25,781	92.1	91.7 - 92.6	42,818	96.8	96.5 - 97.0
45-54	75,643	93.5	93.2 - 93.7	37,240	91.3	90.9 - 91.7	38,403	95.5	95.2 - 95.8
55-64	120,580	92.4	92.2 - 92.7	70,831	90.8	90.4 - 91.2	49,749	94.8	94.4 - 95.1
65-74	135,450	91.8	91.5 - 92.1	89,163	91.2	90.7 - 91.6	46,287	93.1	92.6 - 93.6
75+	138,085	86.4	85.8 - 86.9	91,438	86.0	85.2 - 86.7	46,647	87.1	86.1 - 88.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Female Breast

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		1,526,050	89.6	89.5 - 89.7
Race									
White	N/A	N/A		N/A	N/A		1,255,679	90.6	90.4 - 90.7
Black	N/A	N/A		N/A	N/A		181,312	81.7	81.3 - 82.1
Stage									
Localized	N/A	N/A		N/A	N/A		997,558	98.4	98.2 - 98.5
Regional	N/A	N/A		N/A	N/A		418,674	83.2	83.0 - 83.5
Distant	N/A	N/A		N/A	N/A		90,347	28.7	28.3 - 29.2
Unstaged	N/A	N/A		N/A	N/A		36,545	66.6	65.8 - 67.4
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		150,677	88.8	88.6 - 89.0
45-54	N/A	N/A		N/A	N/A		287,890	91.0	90.8 - 91.1
55-64	N/A	N/A		N/A	N/A		393,704	90.4	90.3 - 90.6
65-74	N/A	N/A		N/A	N/A		402,496	91.3	91.1 - 91.5
75+	N/A	N/A		N/A	N/A		293,770	86.9	86.5 - 87.2

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		133,722	88.1	87.7 - 88.5
Stage ²									
Localized	N/A	N/A		N/A	N/A		67,774	97.5	97.0 - 97.9
Regional	N/A	N/A		N/A	N/A		36,494	83.7	83.0 - 84.5
Distant	N/A	N/A		N/A	N/A		7,138	32.8	31.2 - 34.4
Unstaged	N/A	N/A		N/A	N/A		3,829	63.5	61.3 - 65.6
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		12,553	88.6	87.8 - 89.3
45-54	N/A	N/A		N/A	N/A		25,954	91.5	91.0 - 92.0
55-64	N/A	N/A		N/A	N/A		33,598	90.8	90.3 - 91.3
65-74	N/A	N/A		N/A	N/A		34,689	91.1	90.5 - 91.6
75+	N/A	N/A		N/A	N/A		27,200	81.5	80.4 - 82.6

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		1,659,772	89.5	89.4 - 89.6
Stage ²									
Localized	N/A	N/A		N/A	N/A		1,065,332	98.3	98.2 - 98.4
Regional	N/A	N/A		N/A	N/A		455,168	83.3	83.0 - 83.5
Distant	N/A	N/A		N/A	N/A		97,485	29.1	28.6 - 29.5
Unstaged	N/A	N/A		N/A	N/A		40,374	66.3	65.6 - 67.1
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		163,230	88.8	88.6 - 89.0
45-54	N/A	N/A		N/A	N/A		313,844	91.0	90.9 - 91.2
55-64	N/A	N/A		N/A	N/A		427,302	90.5	90.3 - 90.6
65-74	N/A	N/A		N/A	N/A		437,185	91.3	91.1 - 91.5
75+	N/A	N/A		N/A	N/A		320,970	86.4	86.1 - 86.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Cervix Uteri

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		83,219	61.5	61.0 - 62.0
Race									
White	N/A	N/A		N/A	N/A		63,709	62.0	61.5 - 62.6
Black	N/A	N/A		N/A	N/A		13,043	55.1	53.9 - 56.3
Stage									
Localized	N/A	N/A		N/A	N/A		36,438	85.1	84.3 - 86.0
Regional	N/A	N/A		N/A	N/A		29,087	56.8	56.0 - 57.6
Distant	N/A	N/A		N/A	N/A		12,699	17.7	16.8 - 18.6
Unstaged	N/A	N/A		N/A	N/A		5,128	55.2	53.3 - 56.9
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		31,200	78.8	78.2 - 79.4
45-54	N/A	N/A		N/A	N/A		18,956	67.6	66.7 - 68.4
55-64	N/A	N/A		N/A	N/A		16,447	59.5	58.5 - 60.5
65-74	N/A	N/A		N/A	N/A		10,009	51.8	50.4 - 53.2
75+	N/A	N/A		N/A	N/A		6,630	36.3	34.4 - 38.3

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		7,520	68.0	66.4 - 69.6
Stage ²									
Localized	N/A	N/A		N/A	N/A		3,140	89.0	86.5 - 91.1
Regional	N/A	N/A		N/A	N/A		2,018	61.6	58.7 - 64.3
Distant	N/A	N/A		N/A	N/A		672	21.4	17.7 - 25.2
Unstaged	N/A	N/A		N/A	N/A		555	58.5	53.5 - 63.2
Age Group ²									
15-44	N/A	N/A		N/A	N/A		3,235	86.1	84.5 - 87.6
45-54	N/A	N/A		N/A	N/A		1,621	74.2	71.4 - 76.8
55-64	N/A	N/A		N/A	N/A		1,290	67.5	64.1 - 70.7
65-74	N/A	N/A		N/A	N/A		782	57.3	52.2 - 62.0
75+	N/A	N/A		N/A	N/A		599	40.5	34.9 - 46.0

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		90,739	62.1	61.6 - 62.5
Stage ²									
Localized	N/A	N/A		N/A	N/A		39,578	85.6	84.7 - 86.3
Regional	N/A	N/A		N/A	N/A		31,105	57.2	56.4 - 58.0
Distant	N/A	N/A		N/A	N/A		13,371	17.9	17.0 - 18.8
Unstaged	N/A	N/A		N/A	N/A		5,683	55.6	53.9 - 57.3
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		34,435	79.5	79.0 - 80.0
45-54	N/A	N/A		N/A	N/A		20,577	68.1	67.3 - 68.9
55-64	N/A	N/A		N/A	N/A		17,737	60.1	59.1 - 61.1
65-74	N/A	N/A		N/A	N/A		10,791	52.2	50.9 - 53.5
75+	N/A	N/A		N/A	N/A		7,229	36.9	35.1 - 38.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Corpus & Uterus, NOS

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	N/A	N/A		N/A	N/A		351,351	77.9	77.6 - 78.2
Race									
White	N/A	N/A		N/A	N/A		289,205	80.4	80.1 - 80.7
Black	N/A	N/A		N/A	N/A		41,827	59.6	58.8 - 60.4
Stage									
Localized	N/A	N/A		N/A	N/A		240,141	92.8	92.5 - 93.1
Regional	N/A	N/A		N/A	N/A		65,708	65.8	65.2 - 66.4
Distant	N/A	N/A		N/A	N/A		31,684	17.4	16.8 - 18.0
Unstaged	N/A	N/A		N/A	N/A		14,639	53.8	52.7 - 55.0
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		23,562	90.3	89.8 - 90.8
45-54	N/A	N/A		N/A	N/A		51,751	87.4	87.0 - 87.8
55-64	N/A	N/A		N/A	N/A		119,992	83.7	83.4 - 84.0
65-74	N/A	N/A		N/A	N/A		101,833	78.1	77.7 - 78.5
75+	N/A	N/A		N/A	N/A		54,280	66.2	65.4 - 66.9

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	N/A	N/A		N/A	N/A		33,447	79.8	79.0 - 80.6
Stage ²									
Localized	N/A	N/A		N/A	N/A		8,618	94.1	92.7 - 95.3
Regional	N/A	N/A		N/A	N/A		2,470	65.3	62.7 - 67.7
Distant	N/A	N/A		N/A	N/A		865	15.8	13.1 - 18.6
Unstaged	N/A	N/A		N/A	N/A		16,224	78.1	76.9 - 79.2
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		1,661	90.5	88.6 - 92.1
45-54	N/A	N/A		N/A	N/A		5,119	88.8	87.6 - 89.9
55-64	N/A	N/A		N/A	N/A		11,447	87.7	86.8 - 88.5
65-74	N/A	N/A		N/A	N/A		9,662	80.6	79.4 - 81.8
75+	N/A	N/A		N/A	N/A		5,589	66.3	64.0 - 68.5

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	N/A	N/A		N/A	N/A		384,798	78.1	77.8 - 78.3
Stage ²									
Localized	N/A	N/A		N/A	N/A		248,759	92.9	92.5 - 93.2
Regional	N/A	N/A		N/A	N/A		68,178	65.8	65.2 - 66.4
Distant	N/A	N/A		N/A	N/A		32,549	17.4	16.8 - 18.0
Unstaged	N/A	N/A		N/A	N/A		30,863	66.7	65.8 - 67.5
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		25,223	90.3	89.8 - 90.8
45-54	N/A	N/A		N/A	N/A		56,870	87.5	87.2 - 87.9
55-64	N/A	N/A		N/A	N/A		131,439	84.0	83.8 - 84.3
65-74	N/A	N/A		N/A	N/A		111,495	78.4	78.0 - 78.7
75+	N/A	N/A		N/A	N/A		59,869	66.2	65.4 - 66.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Ovary

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		133,707	44.5	44.1 - 44.9
Race									
White	N/A	N/A		N/A	N/A		112,406	45.2	44.8 - 45.6
Black	N/A	N/A		N/A	N/A		12,913	35.2	34.0 - 36.4
Stage									
Localized	N/A	N/A		N/A	N/A		24,448	87.2	85.9 - 88.3
Regional	N/A	N/A		N/A	N/A		29,538	65.2	64.2 - 66.1
Distant	N/A	N/A		N/A	N/A		71,620	29.1	28.6 - 29.5
Unstaged	N/A	N/A		N/A	N/A		8,379	33.9	32.5 - 35.3
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		15,104	77.9	77.0 - 78.7
45-54	N/A	N/A		N/A	N/A		22,414	63.6	62.8 - 64.5
55-64	N/A	N/A		N/A	N/A		33,358	53.3	52.6 - 54.0
65-74	N/A	N/A		N/A	N/A		32,348	41.5	40.8 - 42.3
75+	N/A	N/A		N/A	N/A		30,499	24.5	23.7 - 25.3

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		13,846	41.5	40.4 - 42.7
Stage ²									
Localized	N/A	N/A		N/A	N/A		575	82.7	75.7 - 87.9
Regional	N/A	N/A		N/A	N/A		1,013	69.7	65.2 - 73.7
Distant	N/A	N/A		N/A	N/A		2,394	26.8	24.8 - 28.8
Unstaged	N/A	N/A		N/A	N/A		7,949	40.1	38.6 - 41.6
Age Group ²									
15-44	N/A	N/A		N/A	N/A		1,503	77.1	74.1 - 79.7
45-54	N/A	N/A		N/A	N/A		2,438	63.6	61.0 - 66.1
55-64	N/A	N/A		N/A	N/A		3,361	50.7	48.3 - 53.0
65-74	N/A	N/A		N/A	N/A		3,262	38.8	36.4 - 41.1
75+	N/A	N/A		N/A	N/A		3,297	19.3	17.3 - 21.5

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		N/A	N/A		147,553	44.2	43.9 - 44.6
Stage ²									
Localized	N/A	N/A		N/A	N/A		25,023	87.0	85.8 - 88.2
Regional	N/A	N/A		N/A	N/A		30,551	65.4	64.4 - 66.3
Distant	N/A	N/A		N/A	N/A		74,014	29.0	28.5 - 29.4
Unstaged	N/A	N/A		N/A	N/A		16,328	37.2	36.1 - 38.2
Age Group ¹									
15-44	N/A	N/A		N/A	N/A		16,607	77.8	76.9 - 78.6
45-54	N/A	N/A		N/A	N/A		24,852	63.6	62.8 - 64.4
55-64	N/A	N/A		N/A	N/A		36,719	53.1	52.3 - 53.8
65-74	N/A	N/A		N/A	N/A		35,610	41.3	40.6 - 42.0
75+	N/A	N/A		N/A	N/A		33,796	24.0	23.2 - 24.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Prostate**

NAACCR U.S. COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	N/A	N/A				1,275,778	94.5	94.4 - 94.7	N/A	N/A	
Race											
White	N/A	N/A				993,997	94.2	94.1 - 94.4	N/A	N/A	
Black	N/A	N/A				208,697	92.6	92.2 - 93.1	N/A	N/A	
Stage											
Localized	N/A	N/A				925,628	99.9	99.8 - 99.9	N/A	N/A	
Regional	N/A	N/A				163,483	95.5	94.9 - 96.0	N/A	N/A	
Distant	N/A	N/A				90,981	33.5	32.9 - 34.1	N/A	N/A	
Unstaged	N/A	N/A				95,769	89.7	89.2 - 90.1	N/A	N/A	
Age Group ¹											
15-44	N/A	N/A				5,342	95.4	94.5 - 96.1	N/A	N/A	
45-54	N/A	N/A				101,597	97.1	96.9 - 97.3	N/A	N/A	
55-64	N/A	N/A				409,629	97.9	97.8 - 98.0	N/A	N/A	
65-74	N/A	N/A				520,167	98.6	98.4 - 98.7	N/A	N/A	
75+	N/A	N/A				239,060	86.8	86.4 - 87.2	N/A	N/A	

NAACCR CANADIAN COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	N/A	N/A				112,955	91.3	90.9 - 91.7	N/A	N/A	
Stage ²											
Localized	N/A	N/A				64,558	99.0	98.7 - 99.3	N/A	N/A	
Regional	N/A	N/A				15,672	92.6	91.2 - 93.8	N/A	N/A	
Distant	N/A	N/A				13,545	57.8	56.5 - 59.1	N/A	N/A	
Unstaged	N/A	N/A				1,028	72.3	66.3 - 77.4	N/A	N/A	
Age Group ¹											
15-44	N/A	N/A				346	94.3	89.8 - 96.8	N/A	N/A	
45-54	N/A	N/A				7,278	96.5	95.7 - 97.1	N/A	N/A	
55-64	N/A	N/A				31,983	96.5	96.1 - 96.9	N/A	N/A	
65-74	N/A	N/A				44,731	95.6	95.1 - 96.1	N/A	N/A	
75+	N/A	N/A				28,620	79.5	78.4 - 80.6	N/A	N/A	

NAACCR NORTH AMERICA COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	N/A	N/A				1,388,733	94.2	94.1 - 94.3	N/A	N/A	
Stage ²											
Localized	N/A	N/A				990,186	99.8	99.6 - 99.9	N/A	N/A	
Regional	N/A	N/A				179,155	95.1	94.6 - 95.6	N/A	N/A	
Distant	N/A	N/A				104,526	37.4	36.8 - 38.0	N/A	N/A	
Unstaged	N/A	N/A				96,797	89.5	89.0 - 89.9	N/A	N/A	
Age Group ¹											
15-44	N/A	N/A				5,688	95.3	94.4 - 96.0	N/A	N/A	
45-54	N/A	N/A				108,875	97.1	96.9 - 97.3	N/A	N/A	
55-64	N/A	N/A				441,612	97.8	97.7 - 97.9	N/A	N/A	
65-74	N/A	N/A				564,898	98.4	98.2 - 98.5	N/A	N/A	
75+	N/A	N/A				267,680	86.0	85.6 - 86.4	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Testis

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		56,057	92.4	91.6 - 93.2	N/A	N/A	
Race									
White	N/A	N/A		50,624	92.4	91.3 - 93.4	N/A	N/A	
Black	N/A	N/A		2,017	86.0	80.8 - 89.9	N/A	N/A	
Stage									
Localized	N/A	N/A		37,446	98.2	97.4 - 98.8	N/A	N/A	
Regional	N/A	N/A		10,476	88.5	85.7 - 90.9	N/A	N/A	
Distant	N/A	N/A		6,544	66.6	64.3 - 68.7	N/A	N/A	
Unstaged	N/A	N/A		1,734	83.1	79.1 - 86.3	N/A	N/A	
Age Group ¹									
15-44	N/A	N/A		44,062	96.1	95.8 - 96.3	N/A	N/A	
45-54	N/A	N/A		7,134	94.7	93.9 - 95.4	N/A	N/A	
55-64	N/A	N/A		3,351	90.4	88.9 - 91.7	N/A	N/A	
65-74	N/A	N/A		1,049	83.4	79.0 - 86.9	N/A	N/A	
75+	N/A	N/A		464	79.0	71.2 - 85.0	N/A	N/A	

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		5,633	92.6	90.0 - 94.5	N/A	N/A	
Stage ²									
Localized	N/A	N/A		974	99.1	97.8 - 99.7†	N/A	N/A	
Regional	N/A	N/A		235	98.0	95.0 - 99.2†	N/A	N/A	
Distant	N/A	N/A		133	75.4	65.4 - 82.8†	N/A	N/A	
Unstaged	N/A	N/A		3,430	92.4	89.6 - 94.5	N/A	N/A	
Age Group ²									
15-44	N/A	N/A		4,454	97.4	96.7 - 98.0	N/A	N/A	
45-54	N/A	N/A		709	96.0	93.2 - 97.6	N/A	N/A	
55-64	N/A	N/A		299	91.8	86.0 - 95.2	N/A	N/A	
65-74	N/A	N/A		105	91.3	72.8 - 97.4	N/A	N/A	
75+	N/A	N/A		66	62.2	40.8 - 77.7	N/A	N/A	

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
Subgroup									
Total	N/A	N/A		61,690	92.5	91.6 - 93.2	N/A	N/A	
Stage ²									
Localized	N/A	N/A		38,420	98.2	97.3 - 98.7	N/A	N/A	
Regional	N/A	N/A		10,711	88.7	85.8 - 91.0	N/A	N/A	
Distant	N/A	N/A		6,677	66.4	64.3 - 68.5	N/A	N/A	
Unstaged	N/A	N/A		5,164	88.9	86.4 - 91.0	N/A	N/A	
Age Group ¹									
15-44	N/A	N/A		48,516	96.2	96.0 - 96.4	N/A	N/A	
45-54	N/A	N/A		7,843	94.8	94.1 - 95.5	N/A	N/A	
55-64	N/A	N/A		3,650	90.5	89.0 - 91.8	N/A	N/A	
65-74	N/A	N/A		1,154	84.2	80.1 - 87.5	N/A	N/A	
75+	N/A	N/A		530	77.6	70.3 - 83.3	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Testis

II-16 Combined Survival

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Urinary Bladder (incl. in situ)**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	470,540	76.6	76.4 - 76.8		358,832	77.6	77.4 - 77.9	111,708	73.4	73.0 - 73.8
Race										
White	425,681	77.0	76.8 - 77.2		327,077	77.8	77.6 - 78.1	98,604	74.5	74.1 - 74.9
Black	27,364	64.6	63.6 - 65.5		18,526	67.8	66.6 - 68.9	8,838	57.4	55.8 - 59.0
Stage										
Localized	396,007	84.5	84.3 - 84.7		304,662	84.9	84.7 - 85.2	91,345	82.9	82.5 - 83.4
Regional	35,211	36.9	36.1 - 37.7		25,985	37.7	36.7 - 38.7	9,226	34.6	33.2 - 36.0
Distant	22,009	7.7	7.2 - 8.3		15,383	8.3	7.6 - 9.1	6,626	6.1	5.2 - 7.1
Unstaged	19,812	64.4	63.3 - 65.5		14,858	66.0	64.6 - 67.3	4,954	59.9	57.9 - 61.9
Age Group ¹										
15-44	7,901	87.6	86.7 - 88.5		5,492	89.8	88.7 - 90.8	2,409	82.7	80.8 - 84.4
45-54	27,078	82.6	82.0 - 83.2		19,918	83.4	82.7 - 84.1	7,160	80.2	79.1 - 81.3
55-64	86,071	80.0	79.6 - 80.4		65,968	80.3	79.9 - 80.8	20,103	78.9	78.1 - 79.7
65-74	149,227	77.7	77.3 - 78.1		116,378	78.4	78.0 - 78.8	32,849	75.2	74.4 - 75.9
75+	201,271	67.6	67.2 - 68.1		151,920	69.4	68.8 - 69.9	49,351	62.2	61.4 - 63.1

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	49,814	78.8	78.2 - 79.4		37,978	79.3	78.6 - 80.0	11,836	77.4	76.2 - 78.5
Stage ²										
Localized	22,141	92.1	91.4 - 92.8		16,818	91.9	91.0 - 92.7	5,323	92.7	91.2 - 93.9
Regional	741	39.6	34.7 - 44.5		547	41.1	35.2 - 46.9	194	26.9	18.5 - 35.8 †
Distant	603	7.1	4.9 - 9.9		429	6.7	4.1 - 10.1 †	174	8.1	4.2 - 13.6 †
Unstaged	19,967	65.7	64.7 - 66.8		15,355	67.0	65.8 - 68.2	4,612	62.0	59.8 - 64.0
Age Group ¹										
15-44	953	89.0	86.5 - 91.2		658	92.1	89.3 - 94.2	295	81.6	75.6 - 86.2
45-54	2,895	88.2	86.6 - 89.6		2,145	89.1	87.1 - 90.7	750	85.6	82.4 - 88.3
55-64	8,859	83.6	82.4 - 84.7		6,725	83.2	81.8 - 84.4	2,134	84.9	82.8 - 86.8
65-74	15,252	79.8	78.7 - 80.8		11,874	79.9	78.7 - 81.1	3,378	79.3	77.2 - 81.3
75+	22,013	67.7	66.4 - 69.0		16,709	68.6	67.0 - 70.1	5,304	65.0	62.5 - 67.3

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	520,354	76.8	76.6 - 77.0		396,810	77.8	77.6 - 78.0	123,544	73.8	73.4 - 74.2
Stage ²										
Localized	418,148	84.9	84.7 - 85.2		321,480	85.4	85.1 - 85.6	96,668	83.6	83.1 - 84.0
Regional	35,952	37.0	36.2 - 37.8		26,532	37.8	36.8 - 38.8	9,420	34.5	33.1 - 35.9
Distant	22,612	7.8	7.2 - 8.3		15,812	8.3	7.7 - 9.1	6,800	6.2	5.3 - 7.2
Unstaged	39,779	65.1	64.3 - 65.8		30,213	66.5	65.6 - 67.4	9,566	60.9	59.5 - 62.4
Age Group ¹										
15-44	8,854	87.8	86.9 - 88.6		6,150	90.1	89.1 - 91.0	2,704	82.6	80.8 - 84.2
45-54	29,973	83.1	82.6 - 83.7		22,063	84.0	83.3 - 84.6	7,910	80.8	79.7 - 81.8
55-64	94,930	80.3	79.9 - 80.7		72,693	80.6	80.1 - 81.0	22,237	79.5	78.8 - 80.2
65-74	164,479	77.9	77.6 - 78.2		128,252	78.6	78.2 - 78.9	36,227	75.6	74.9 - 76.2
75+	223,284	67.6	67.2 - 68.1		168,629	69.3	68.8 - 69.8	54,655	62.5	61.7 - 63.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Kidney & Renal Pelvis

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	391,774	73.5	73.2 - 73.7		247,420	73.0	72.6 - 73.3	144,354	74.5	74.1 - 74.8
Race										
White	328,712	73.6	73.3 - 73.8		209,002	73.1	72.8 - 73.5	119,710	74.5	74.1 - 74.9
Black	46,110	72.4	71.6 - 73.2		27,737	71.3	70.1 - 72.5	18,373	74.3	73.1 - 75.4
Stage										
Localized	264,666	89.0	88.7 - 89.3		163,236	89.1	88.7 - 89.5	101,430	89.0	88.6 - 89.5
Regional	60,679	67.7	67.1 - 68.3		40,389	68.8	68.0 - 69.6	20,290	65.9	64.9 - 66.9
Distant	54,442	14.2	13.7 - 14.6		36,605	14.5	14.0 - 15.1	17,837	13.5	12.8 - 14.3
Unstaged	14,306	53.3	52.1 - 54.5		8,884	53.3	51.7 - 54.9	5,422	53.7	51.7 - 55.6
Age Group ¹										
15-44	30,494	89.4	88.9 - 89.8		18,156	88.0	87.3 - 88.6	12,338	91.4	90.8 - 92.1
45-54	58,611	83.4	83.0 - 83.8		38,295	81.8	81.3 - 82.4	20,316	86.3	85.7 - 87.0
55-64	105,312	77.8	77.4 - 78.1		69,080	76.4	75.9 - 76.9	36,232	80.4	79.8 - 81.0
65-74	114,520	74.6	74.2 - 75.0		73,522	74.1	73.5 - 74.6	40,998	75.5	74.8 - 76.1
75+	83,434	61.0	60.3 - 61.6		48,794	61.9	61.0 - 62.7	34,640	59.8	58.8 - 60.8

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	31,089	70.8	69.9 - 71.6		20,175	70.3	69.2 - 71.4	10,914	71.8	70.5 - 73.0
Stage ²										
Localized	4,467	82.5	80.3 - 84.4		2,846	82.8	79.8 - 85.3	1,621	82.0	78.8 - 84.8
Regional	1,530	68.6	65.1 - 71.8		1,002	69.5	64.8 - 73.6	528	67.8	62.5 - 72.5
Distant	1,203	11.7	9.5 - 14.2		836	13.0	10.3 - 16.1	367	8.7	5.3 - 13.0 †
Unstaged	19,036	71.5	70.5 - 72.4		12,325	70.9	69.6 - 72.1	6,711	72.6	71.2 - 74.0
Age Group ²										
15-44	2,056	91.1	89.4 - 92.5		1,296	89.4	87.0 - 91.4	760	93.8	91.5 - 95.5
45-54	4,671	84.2	82.8 - 85.5		3,089	82.0	80.1 - 83.7	1,582	88.2	86.0 - 90.1
55-64	8,250	77.6	76.4 - 78.9		5,517	76.2	74.6 - 77.8	2,733	80.4	78.3 - 82.3
65-74	8,871	72.0	70.5 - 73.4		5,953	71.2	69.4 - 73.0	2,918	73.5	71.0 - 75.8
75+	7,314	53.6	51.5 - 55.6		4,378	55.2	52.4 - 57.9	2,936	51.2	48.2 - 54.1

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	422,863	73.2	73.0 - 73.5		267,595	72.8	72.4 - 73.1	155,268	74.3	73.9 - 74.6
Stage ²										
Localized	269,133	88.9	88.6 - 89.2		166,082	88.9	88.5 - 89.4	103,051	88.9	88.5 - 89.3
Regional	62,209	67.7	67.1 - 68.3		41,391	68.8	68.0 - 69.6	20,818	65.9	64.9 - 66.9
Distant	55,645	14.1	13.7 - 14.5		37,441	14.5	14.0 - 15.1	18,204	13.4	12.7 - 14.2
Unstaged	33,342	64.2	63.5 - 65.0		21,209	64.0	63.0 - 64.9	12,133	64.9	63.8 - 66.1
Age Group ¹										
15-44	32,550	89.5	89.0 - 89.9		19,452	88.1	87.4 - 88.6	13,098	91.6	90.9 - 92.2
45-54	63,282	83.5	83.1 - 83.8		41,384	81.8	81.3 - 82.3	21,898	86.5	85.9 - 87.1
55-64	113,562	77.8	77.4 - 78.1		74,597	76.4	75.9 - 76.8	38,965	80.4	79.8 - 80.9
65-74	123,391	74.4	74.0 - 74.8		79,475	73.9	73.3 - 74.4	43,916	75.3	74.7 - 75.9
75+	90,748	60.4	59.8 - 61.0		53,172	61.3	60.5 - 62.2	37,576	59.1	58.2 - 60.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Brain & Other Nervous System (invasive)

NAACCR U.S. COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	128,401	30.5	30.2 - 30.8	72,243	28.5	28.1 - 28.9	56,158	33.1	32.6 - 33.5
Race									
White	113,796	30.3	30.0 - 30.6	64,245	28.4	27.9 - 28.8	49,551	32.9	32.4 - 33.4
Black	9,007	30.8	29.6 - 31.9	4,868	28.3	26.7 - 29.8	4,139	33.8	32.1 - 35.5
Stage									
Localized	98,206	31.9	31.5 - 32.2	55,313	30.0	29.6 - 30.5	42,893	34.3	33.8 - 34.9
Regional	16,752	20.8	20.0 - 21.6	9,469	18.5	17.4 - 19.6	7,283	23.8	22.5 - 25.1
Distant	2,303	22.8	20.6 - 25.0	1,328	20.3	17.5 - 23.1	975	25.9	22.5 - 29.5
Unstaged	11,335	34.3	32.9 - 35.6	6,241	32.0	30.3 - 33.7	5,094	37.1	35.0 - 39.1
Age Group ¹									
15-44	26,127	67.3	66.6 - 68.1	14,730	64.5	63.4 - 65.5	11,397	71.0	69.9 - 72.0
45-54	17,868	32.2	31.3 - 33.1	10,568	29.1	28.0 - 30.2	7,300	36.7	35.3 - 38.1
55-64	29,608	16.5	16.0 - 17.1	17,127	14.8	14.1 - 15.5	12,481	18.9	18.0 - 19.8
65-74	30,001	10.1	9.6 - 10.6	17,008	9.0	8.4 - 9.7	12,993	11.4	10.7 - 12.2
75+	24,841	4.7	4.3 - 5.1	12,833	4.2	3.7 - 4.9	12,008	5.2	4.6 - 5.9

NAACCR CANADIAN COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	12,672	28.9	28.0 - 29.9	7,307	27.8	26.6 - 29.0	5,365	30.6	29.1 - 32.1
Stage ²									
Localized	1,852	30.5	28.4 - 32.8	1,056	29.8	26.9 - 32.7	796	32.0	28.8 - 35.3
Regional	721	21.4	18.1 - 24.9	430	20.3	16.3 - 24.7	291	17.6	13.0 - 22.8†
Distant	54	21.9	13.7 - 31.4	30	16.3	5.6 - 31.9 †	24	12.6	2.5 - 30.9 †
Unstaged	8,167	29.1	28.0 - 30.2	4,695	27.9	26.5 - 29.3	3,472	30.8	29.0 - 32.6
Age Group ¹									
15-44	2,351	66.8	64.4 - 69.1	1,361	66.5	63.3 - 69.5	990	67.1	63.3 - 70.6
45-54	1,857	29.5	26.8 - 32.2	1,151	26.8	23.5 - 30.2	706	33.7	29.4 - 38.1
55-64	2,955	15.1	13.4 - 16.8	1,738	12.9	10.9 - 15.0	1,217	18.2	15.4 - 21.2
65-74	2,960	8.1	6.8 - 9.6	1,703	7.4	5.7 - 9.3	1,257	9.1	7.1 - 11.5
75+	2,558	3.0	2.1 - 4.3	1,360	3.1	1.8 - 4.8	1,198	3.0	1.7 - 4.8

NAACCR NORTH AMERICA COMBINED	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
<i>Subgroup</i>									
Total	141,073	30.3	30.0 - 30.6	79,550	28.4	28.0 - 28.8	61,523	32.9	32.4 - 33.3
Stage ²									
Localized	100,058	31.9	31.5 - 32.2	56,369	30.0	29.6 - 30.5	43,689	34.3	33.8 - 34.8
Regional	17,473	20.8	20.0 - 21.6	9,899	18.6	17.5 - 19.7	7,574	23.8	22.5 - 25.0
Distant	2,357	22.7	20.6 - 24.9	1,358	20.3	17.7 - 23.1	999	25.7	22.3 - 29.2
Unstaged	19,502	31.3	30.5 - 32.2	10,936	29.6	28.6 - 30.7	8,566	33.6	32.3 - 34.9
Age Group ¹									
15-44	28,478	67.3	66.6 - 68.0	16,091	64.6	63.7 - 65.6	12,387	70.7	69.6 - 71.7
45-54	19,725	31.9	31.1 - 32.8	11,719	28.9	27.8 - 29.9	8,006	36.4	35.1 - 37.8
55-64	32,563	16.4	15.8 - 16.9	18,865	14.6	13.9 - 15.3	13,698	18.8	18.0 - 19.7
65-74	32,961	9.9	9.4 - 10.4	18,711	8.9	8.3 - 9.5	14,250	11.2	10.5 - 11.9
75+	27,399	4.5	4.2 - 5.0	14,193	4.1	3.6 - 4.7	13,206	5.0	4.4 - 5.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Brain & Other Nervous System (non-invasive)**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	292,071	91.5	91.3 - 91.7		94,014	89.9	89.5 - 90.2	198,057	92.3	92.1 - 92.5
Race										
White	239,621	92.0	91.8 - 92.2		78,306	90.5	90.2 - 90.9	161,315	92.6	92.4 - 92.9
Black	33,381	87.2	86.6 - 87.8		9,659	83.2	81.9 - 84.4	23,722	88.9	88.2 - 89.5
Stage										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ¹										
15-44	43,327	97.1	96.8 - 97.3		16,251	96.2	95.7 - 96.6	27,076	97.6	97.3 - 97.8
45-54	45,066	96.1	95.8 - 96.4		13,925	95.0	94.4 - 95.6	31,141	96.5	96.2 - 96.8
55-64	62,802	93.0	92.6 - 93.3		20,207	91.4	90.7 - 92.1	42,595	93.7	93.3 - 94.1
65-74	67,549	88.8	88.4 - 89.2		21,950	87.1	86.2 - 87.9	45,599	89.7	89.1 - 90.2
75+	73,494	76.4	75.7 - 77.2		21,726	72.6	71.1 - 74.0	51,768	78.0	77.1 - 78.8

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	22,248	82.1	81.4 - 82.8		8,596	77.9	76.7 - 79.1	13,652	84.7	83.9 - 85.5
Stage ²										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ²										
15-44	4,081	94.1	93.1 - 94.9		1,753	92.7	91.0 - 94.1	2,328	95.1	93.8 - 96.1
45-54	3,686	88.4	87.0 - 89.6		1,387	82.6	79.9 - 85.0	2,299	91.8	90.3 - 93.1
55-64	4,732	82.5	81.0 - 83.9		1,783	76.6	73.9 - 79.1	2,949	86.1	84.3 - 87.6
65-74	4,512	75.5	73.6 - 77.2		1,794	71.9	68.7 - 74.7	2,718	77.8	75.4 - 80.0
75+	5,267	59.6	57.1 - 62.0		1,893	53.1	48.8 - 57.2	3,374	63.0	60.0 - 66.0

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI	Count	RSR	95% CI
Total	314,319	90.8	90.7 - 91.0		102,610	88.9	88.5 - 89.2	211,709	91.8	91.6 - 92.0
Stage ²										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ¹										
15-44	47,408	96.8	96.6 - 97.0		18,004	95.9	95.4 - 96.3	29,404	97.4	97.1 - 97.6
45-54	48,752	95.5	95.2 - 95.8		15,312	93.9	93.3 - 94.5	33,440	96.2	95.9 - 96.5
55-64	67,534	92.2	91.9 - 92.6		21,990	90.2	89.5 - 90.8	45,544	93.2	92.8 - 93.6
65-74	72,061	88.0	87.5 - 88.4		23,744	85.9	85.1 - 86.7	48,317	89.0	88.5 - 89.5
75+	78,761	75.3	74.6 - 76.0		23,619	71.0	69.6 - 72.3	55,142	77.1	76.2 - 77.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Thyroid**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	305,834	96.2	96.0 - 96.4		77,628	93.5	93.1 - 93.9	228,206	97.3	97.1 - 97.5
Race										
White	254,590	96.4	96.2 - 96.7		67,143	93.8	93.3 - 94.2	187,447	97.5	97.4 - 97.7
Black	24,267	94.6	93.9 - 95.2		4,585	89.8	87.6 - 91.6	19,682	95.3	94.6 - 96.0
Stage										
Localized	206,227	99.7	99.6 - 99.8		45,199	99.0	98.7 - 99.3	161,028	99.8	99.7 - 99.9
Regional	82,171	94.8	94.3 - 95.2		25,976	92.7	91.9 - 93.5	56,195	95.9	95.3 - 96.4
Distant	10,023	59.5	58.3 - 60.6		4,458	54.7	52.7 - 56.5	5,565	63.0	61.5 - 64.4
Unstaged	7,863	86.7	85.4 - 87.9		2,171	82.4	79.9 - 84.7	5,692	88.5	87.0 - 89.9
Age Group ¹										
15-44	107,748	99.5	99.4 - 99.6		20,318	98.6	98.3 - 98.9	87,430	99.7	99.7 - 99.8
45-54	66,786	98.5	98.3 - 98.6		15,731	96.0	95.4 - 96.5	51,055	99.2	99.0 - 99.4
55-64	64,405	96.9	96.6 - 97.2		18,756	94.1	93.5 - 94.7	45,649	98.0	97.7 - 98.3
65-74	45,532	95.1	94.6 - 95.5		15,195	91.2	90.2 - 92.1	30,337	97.0	96.4 - 97.4
75+	21,425	87.3	86.1 - 88.4		7,646	82.4	80.1 - 84.5	13,779	89.3	88.2 - 90.3

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	31,732	96.2	95.7 - 96.7		8,153	93.6	92.5 - 94.6	23,579	97.1	96.6 - 97.6
Stage ²										
Localized	7,875	*			1,651	99.0	97.4 - 99.7	6,224	99.8	98.9 - 99.9
Regional	2,673	94.6	92.1 - 96.4		868	90.4	86.2 - 93.3	1,805	96.5	93.5 - 98.1
Distant	348	62.0	56.4 - 67.0		174	58.2	49.7 - 65.8	174	65.4	58.0 - 71.8
Unstaged	16,329	95.5	94.8 - 96.1		4,222	92.7	91.0 - 94.0	12,107	96.3	95.5 - 96.9
Age Group ¹										
15-44	10,851	99.8	99.5 - 99.9		2,291	99.3	98.5 - 99.7	8,560	99.9	99.7 - 99.9
45-54	7,808	99.1	98.6 - 99.5		1,838	97.1	95.6 - 98.1	5,970	99.7	98.9 - 99.9
55-64	6,661	97.7	96.9 - 98.3		1,892	94.9	92.9 - 96.4	4,769	98.7	98.0 - 99.2
65-74	4,318	94.7	93.4 - 95.8		1,453	90.6	87.7 - 92.8	2,865	96.6	95.0 - 97.6
75+	2,123	85.5	82.6 - 87.9		687	80.3	73.8 - 85.3	1,436	87.0	83.7 - 89.6

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	337,566	96.2	96.1 - 96.4		85,781	93.6	93.2 - 93.9	251,785	97.3	97.1 - 97.4
Stage ²										
Localized	214,102	99.7	99.7 - 99.8		46,850	99.1	98.7 - 99.3	167,252	99.8	99.7 - 99.9
Regional	84,844	94.8	94.3 - 95.2		26,844	92.7	91.9 - 93.5	58,000	95.9	95.4 - 96.4
Distant	10,371	59.6	58.5 - 60.7		4,632	54.9	53.1 - 56.7	5,739	63.1	61.7 - 64.5
Unstaged	24,192	92.3	91.5 - 92.9		6,393	88.9	87.4 - 90.2	17,799	93.5	92.7 - 94.3
Age Group ¹										
15-44	118,599	99.6	99.5 - 99.6		22,609	98.7	98.4 - 99.0	95,990	99.8	99.7 - 99.8
45-54	74,594	98.5	98.4 - 98.7		17,569	96.1	95.6 - 96.6	57,025	99.3	99.1 - 99.4
55-64	71,066	97.0	96.7 - 97.2		20,648	94.2	93.6 - 94.8	50,418	98.1	97.8 - 98.3
65-74	49,850	95.1	94.7 - 95.5		16,648	91.3	90.3 - 92.1	33,202	97.0	96.5 - 97.3
75+	23,548	87.3	86.2 - 88.4		8,333	82.4	80.2 - 84.4	15,215	89.2	88.2 - 90.1

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Hodgkin Lymphoma**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI	
Total	53,657	86.0	85.6 - 86.4	29,564	84.9	84.3 - 85.4	24,093	87.5	86.9 - 88.0	
Race										
White	43,653	86.5	86.0 - 86.9	24,193	85.4	84.8 - 86.0	19,460	87.8	87.2 - 88.4	
Black	7,190	83.9	82.4 - 85.2	3,836	83.0	80.9 - 84.9	3,354	85.1	83.3 - 86.8	
Stage										
Localized	7,718	91.4	90.5 - 92.3	4,341	90.5	89.2 - 91.7	3,377	92.2	90.8 - 93.4	
Regional	18,502	89.4	88.6 - 90.2	9,173	89.0	87.8 - 90.0	9,329	89.8	88.7 - 90.8	
Distant	23,304	82.0	81.4 - 82.6	13,800	80.8	79.9 - 81.6	9,504	83.8	82.9 - 84.7	
Unstaged	4,139	83.7	82.3 - 85.0	2,252	82.4	80.4 - 84.2	1,887	85.1	83.0 - 86.9	
Age Group ¹										
15-44	28,939	95.9	95.6 - 96.2	15,144	95.2	94.7 - 95.6	13,795	96.8	96.4 - 97.2	
45-54	6,909	87.8	86.7 - 88.8	4,276	86.3	84.8 - 87.6	2,633	90.2	88.6 - 91.6	
55-64	6,879	80.6	79.3 - 81.9	4,168	78.6	76.7 - 80.2	2,711	83.7	81.7 - 85.5	
65-74	6,070	67.8	66.0 - 69.5	3,435	65.1	62.6 - 67.4	2,635	71.3	68.7 - 73.8	
75+	4,860	48.1	45.7 - 50.5	2,541	47.9	44.3 - 51.4	2,319	48.4	45.0 - 51.7	

NAACCR CANADIAN COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	4,848	86.5	85.3 - 87.7	2,687	85.5	83.8 - 87.0	2,161	87.5	85.7 - 89.1			
Stage ²												
Localized	110	90.9	83.7 - 95.0	74	93.2	80.3 - 97.8†	36	91.4	65.4 - 98.1†			
Regional	385	92.6	87.9 - 95.6	208	92.3	84.6 - 96.3	177	90.1	83.3 - 94.2			
Distant	575	85.7	82.0 - 88.6	344	85.8	81.3 - 89.3	231	84.0	77.2 - 88.8			
Unstaged	3,049	85.3	83.7 - 86.7	1,664	83.7	81.7 - 85.6	1,385	86.9	84.7 - 88.8			
Age Group ²												
15-44	2,771	95.9	94.7 - 96.9	1,490	95.0	93.1 - 96.3	1,281	97.0	95.2 - 98.2			
45-54	541	91.9	88.2 - 94.4	332	90.8	86.0 - 94.0	209	93.1	86.0 - 96.7			
55-64	582	81.4	76.7 - 85.3	352	80.0	73.5 - 85.1	230	83.1	76.1 - 88.2			
65-74	504	66.2	60.2 - 71.5	286	65.3	57.2 - 72.2	218	66.9	57.6 - 74.5			
75+	450	50.3	43.4 - 56.8	227	49.1	40.9 - 56.7	223	50.1	40.2 - 59.1			

NAACCR NORTH AMERICA COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	58,505	86.1	85.7 - 86.4	32,251	85.0	84.4 - 85.5	26,254	87.5	87.0 - 88.0			
Stage ²												
Localized	7,828	91.5	90.6 - 92.3	4,415	90.6	89.2 - 91.8	3,413	92.2	90.9 - 93.4			
Regional	18,887	89.6	88.8 - 90.3	9,381	89.1	88.0 - 90.2	9,506	89.9	88.9 - 90.9			
Distant	23,879	82.1	81.5 - 82.7	14,144	80.9	80.1 - 81.7	9,735	83.9	83.0 - 84.7			
Unstaged	7,188	84.4	83.4 - 85.3	3,916	83.1	81.6 - 84.4	3,272	86.0	84.6 - 87.3			
Age Group ¹												
15-44	31,710	95.9	95.6 - 96.2	16,634	95.1	94.7 - 95.6	15,076	96.8	96.4 - 97.2			
45-54	7,450	88.1	87.1 - 89.1	4,608	86.6	85.3 - 87.9	2,842	90.5	88.9 - 91.8			
55-64	7,461	80.7	79.4 - 81.9	4,520	78.7	76.9 - 80.3	2,941	83.7	81.8 - 85.4			
65-74	6,574	67.7	66.0 - 69.4	3,721	65.2	62.8 - 67.5	2,853	71.0	68.5 - 73.4			
75+	5,310	48.4	46.1 - 50.7	2,768	48.3	44.9 - 51.6	2,542	48.6	45.3 - 51.7			

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Non-Hodgkin Lymphoma**

NAACCR U.S. COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	441,540	71.1	70.9 - 71.3			241,959	68.8	68.5 - 69.1	199,581	73.8	73.5 - 74.1
Race											
White	380,928	71.7	71.5 - 71.9			210,113	69.5	69.2 - 69.8	170,815	74.4	74.1 - 74.7
Black	36,593	64.6	63.7 - 65.5			18,998	61.2	59.8 - 62.5	17,595	68.2	67.1 - 69.4
Stage											
Localized	110,749	81.8	81.4 - 82.2			57,986	80.4	79.8 - 81.0	52,763	83.3	82.8 - 83.9
Regional	60,911	74.0	73.4 - 74.5			33,215	72.5	71.7 - 73.3	27,696	75.8	75.0 - 76.5
Distant	223,518	64.7	64.4 - 65.0			126,126	62.4	62.0 - 62.8	97,392	67.8	67.3 - 68.2
Unstaged	51,584	72.0	71.4 - 72.6			27,576	69.3	68.4 - 70.1	24,008	75.1	74.3 - 75.9
Age Group ¹											
15-44	38,782	84.9	84.5 - 85.3			22,812	82.8	82.2 - 83.4	15,970	87.9	87.3 - 88.5
45-54	49,169	81.8	81.4 - 82.3			27,815	78.7	78.1 - 79.3	21,354	85.9	85.3 - 86.5
55-64	94,205	77.5	77.1 - 77.9			52,986	74.6	74.1 - 75.1	41,219	81.2	80.7 - 81.7
65-74	122,916	72.5	72.1 - 72.9			67,865	70.1	69.6 - 70.7	55,051	75.3	74.8 - 75.9
75+	137,361	56.8	56.3 - 57.3			70,985	55.5	54.8 - 56.2	66,376	58.2	57.5 - 58.9

NAACCR CANADIAN COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	42,019	69.8	69.2 - 70.4			23,388	67.8	66.9 - 68.7	18,631	72.3	71.4 - 73.2
Stage ²											
Localized	1,857	80.0	77.0 - 82.7			992	79.3	74.7 - 83.1	865	80.6	76.4 - 84.0
Regional	1,347	73.3	69.9 - 76.3			745	71.6	66.5 - 76.1	602	74.9	70.2 - 78.9
Distant	7,696	67.8	66.3 - 69.1			4,428	66.2	64.2 - 68.1	3,268	69.7	67.6 - 71.8
Unstaged	25,156	69.2	68.5 - 70.0			13,831	67.0	65.9 - 68.0	11,325	71.9	70.8 - 73.0
Age Group ¹											
15-44	3,608	86.5	85.1 - 87.7			2,082	84.9	83.0 - 86.6	1,526	88.7	86.6 - 90.4
45-54	4,719	83.3	82.0 - 84.6			2,737	82.1	80.3 - 83.8	1,982	85.0	83.0 - 86.9
55-64	9,202	77.7	76.5 - 78.8			5,236	75.2	73.5 - 76.7	3,966	81.0	79.3 - 82.5
65-74	11,423	70.5	69.2 - 71.7			6,455	68.3	66.6 - 70.0	4,968	73.2	71.4 - 74.9
75+	13,191	53.3	51.8 - 54.7			6,948	51.4	49.2 - 53.5	6,243	55.2	53.2 - 57.2

NAACCR NORTH AMERICA COMBINED			MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>			<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	483,559	71.0	70.8 - 71.2			265,347	68.7	68.5 - 69.0	218,212	73.7	73.4 - 74.0
Stage ²											
Localized	112,606	81.8	81.4 - 82.2			58,978	80.4	79.8 - 81.0	53,628	83.3	82.8 - 83.8
Regional	62,258	73.9	73.4 - 74.5			33,960	72.5	71.7 - 73.3	28,298	75.8	75.0 - 76.5
Distant	231,214	64.8	64.5 - 65.1			130,554	62.5	62.1 - 62.9	100,660	67.8	67.4 - 68.3
Unstaged	76,740	71.0	70.6 - 71.5			41,407	68.5	67.8 - 69.1	35,333	74.0	73.4 - 74.7
Age Group ¹											
15-44	42,390	85.1	84.6 - 85.5			24,894	83.0	82.4 - 83.5	17,496	88.0	87.4 - 88.6
45-54	53,888	82.0	81.6 - 82.4			30,552	79.0	78.4 - 79.6	23,336	85.8	85.2 - 86.4
55-64	103,407	77.5	77.2 - 77.9			58,222	74.7	74.2 - 75.1	45,185	81.2	80.7 - 81.7
65-74	134,339	72.3	71.9 - 72.7			74,320	70.0	69.5 - 70.5	60,019	75.1	74.6 - 75.7
75+	150,552	56.5	56.0 - 57.0			77,933	55.1	54.4 - 55.8	72,619	57.9	57.3 - 58.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Myeloma**

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES				FEMALES			
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI		Count	RSR	95% CI	
Total	165,750	57.1	56.7 - 57.4		92,448	56.6	56.1 - 57.1		73,302	57.8	57.2 - 58.3	
Race												
White	123,275	56.9	56.5 - 57.4		71,081	56.7	56.1 - 57.3		52,194	57.3	56.7 - 58.0	
Black	34,962	56.7	55.9 - 57.6		17,246	55.3	54.0 - 56.6		17,716	58.1	56.9 - 59.2	
Stage												
Localized	6,227	70.3	68.5 - 72.1		3,875	70.9	68.4 - 73.2		2,352	69.2	66.4 - 71.9	
Regional	31	*			16	*			15	*		
Distant	159,701	56.5	56.1 - 56.9		88,743	55.9	55.3 - 56.4		70,958	57.3	56.7 - 57.9	
Unstaged	1,222	63.7	57.0 - 69.7		700	63.5	55.2 - 70.7 †		522	*		
Age Group ¹												
15-44	5,080	79.0	77.4 - 80.5		2,839	77.8	75.6 - 79.8		2,241	80.5	78.0 - 82.7	
45-54	16,610	71.5	70.5 - 72.4		9,357	69.2	67.8 - 70.5		7,253	74.5	73.0 - 75.8	
55-64	38,131	65.8	65.1 - 66.5		21,819	65.0	64.1 - 66.0		16,312	66.8	65.8 - 67.9	
65-74	52,542	57.3	56.6 - 58.0		29,714	56.7	55.8 - 57.6		22,828	58.1	57.1 - 59.1	
75+	53,516	38.7	37.9 - 39.4		28,808	39.4	38.4 - 40.5		24,708	37.8	36.7 - 38.9	

NAACCR CANADIAN COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	15,372	55.0	53.8 - 56.2	8,898	54.2	52.6 - 55.8	6,474	56.2	54.3 - 58.0			
Stage ²												
Localized	128	79.8	69.4 - 86.9	85	83.4	68.0 - 91.8†	43	80.8	59.2 - 91.7†			
Regional	*	*		*	*		*	*				
Distant	10,120	54.5	53.1 - 55.9	5,795	53.6	51.7 - 55.5	4,325	55.8	53.7 - 57.8			
Unstaged	2,871	54.6	52.0 - 57.0	1,701	53.9	50.5 - 57.1	1,170	55.5	51.5 - 59.2			
Age Group ²												
15-44	348	82.4	76.6 - 86.9	196	86.4	79.3 - 91.2	152	77.0	66.9 - 84.4			
45-54	1,305	71.0	67.4 - 74.2	765	69.1	64.2 - 73.4	540	73.7	68.3 - 78.4			
55-64	3,127	66.1	63.6 - 68.4	1,831	64.0	60.7 - 67.1	1,296	68.9	65.2 - 72.4			
65-74	4,598	53.6	51.2 - 55.8	2,766	52.4	49.3 - 55.3	1,832	55.2	51.5 - 58.6			
75+	6,016	34.6	32.3 - 36.8	3,356	34.3	31.2 - 37.5	2,660	34.8	31.6 - 38.0			

NAACCR NORTH AMERICA COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	181,122	56.9	56.5 - 57.2	101,346	56.4	55.9 - 56.8	79,776	57.6	57.1 - 58.1			
Stage ²												
Localized	6,355	70.6	68.7 - 72.3	3,960	71.0	68.6 - 73.3	2,395	69.6	66.8 - 72.3			
Regional	31	*		16	*		15	*				
Distant	169,821	56.3	56.0 - 56.7	94,538	55.7	55.2 - 56.2	75,283	57.2	56.7 - 57.7			
Unstaged	4,093	53.9	51.4 - 56.3	2,401	53.1	49.8 - 56.2	1,692	54.8	51.1 - 58.5			
Age Group ¹												
15-44	5,428	79.2	77.7 - 80.6	3,035	78.4	76.3 - 80.3	2,393	80.3	77.9 - 82.4			
45-54	17,915	71.4	70.5 - 72.3	10,122	69.2	67.9 - 70.4	7,793	74.4	73.0 - 75.7			
55-64	41,258	65.8	65.1 - 66.5	23,650	64.9	64.0 - 65.8	17,608	67.0	66.0 - 68.0			
65-74	57,140	57.0	56.4 - 57.7	32,480	56.3	55.5 - 57.2	24,660	57.9	56.9 - 58.8			
75+	59,532	38.3	37.5 - 39.0	32,164	38.9	37.9 - 40.0	27,368	37.5	36.5 - 38.6			

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Leukemias

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	308,382	58.2	57.9 - 58.4		180,839	58.0	57.7 - 58.4	127,543	58.3	57.9 - 58.7
Race										
White	267,116	58.8	58.5 - 59.1		158,182	58.5	58.1 - 58.9	108,934	59.2	58.8 - 59.6
Black	26,063	50.0	49.1 - 51.0		13,952	50.6	49.2 - 51.9	12,111	49.4	48.1 - 50.7
Stage										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ¹										
15-44	32,064	71.7	71.1 - 72.3		18,316	71.7	70.9 - 72.5	13,748	71.8	70.8 - 72.7
45-54	30,590	72.4	71.7 - 73.0		17,876	73.9	73.0 - 74.7	12,714	70.2	69.3 - 71.2
55-64	61,184	67.6	67.1 - 68.0		36,899	67.9	67.3 - 68.6	24,285	67.0	66.2 - 67.7
65-74	83,329	57.6	57.1 - 58.0		50,763	57.2	56.6 - 57.8	32,566	58.1	57.3 - 58.8
75+	101,563	42.2	41.7 - 42.8		57,206	41.1	40.4 - 41.9	44,357	43.5	42.7 - 44.3

NAACCR CANADIAN COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	32,055	62.9	62.1 - 63.6		19,131	62.4	61.4 - 63.4	12,924	63.6	62.4 - 64.7
Stage ²										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ¹										
15-44	2,522	76.7	74.6 - 78.7		1,381	78.6	75.8 - 81.1	1,141	74.4	71.1 - 77.4
45-54	3,070	78.5	76.7 - 80.2		1,837	79.8	77.4 - 81.9	1,233	76.6	73.6 - 79.4
55-64	6,357	72.5	71.0 - 73.9		3,969	72.4	70.5 - 74.3	2,388	72.5	70.2 - 74.7
65-74	8,710	64.2	62.7 - 65.6		5,410	63.3	61.4 - 65.1	3,300	65.6	63.4 - 67.6
75+	11,414	44.2	42.5 - 45.8		6,547	42.3	40.1 - 44.5	4,867	46.4	44.0 - 48.8

NAACCR NORTH AMERICA COMBINED		MALES AND FEMALES			MALES			FEMALES		
<i>Subgroup</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>		<i>Count</i>	<i>RSR</i>	<i>95% CI</i>	<i>Count</i>	<i>RSR</i>	<i>95% CI</i>
Total	340,437	58.6	58.4 - 58.9		199,970	58.4	58.1 - 58.8	140,467	58.8	58.4 - 59.2
Stage ²										
Localized	*	*			*	*		*	*	
Regional	*	*			*	*		*	*	
Distant	*	*			*	*		*	*	
Unstaged	*	*			*	*		*	*	
Age Group ¹										
15-44	34,586	72.1	71.5 - 72.7		19,697	72.2	71.4 - 72.9	14,889	72.0	71.1 - 72.9
45-54	33,660	72.9	72.3 - 73.5		19,713	74.4	73.6 - 75.2	13,947	70.8	69.9 - 71.7
55-64	67,541	68.0	67.5 - 68.5		40,868	68.4	67.8 - 69.0	26,673	67.5	66.7 - 68.2
65-74	92,039	58.2	57.7 - 58.6		56,173	57.8	57.2 - 58.4	35,866	58.8	58.1 - 59.5
75+	112,977	42.4	41.9 - 42.9		63,753	41.3	40.5 - 42.0	49,224	43.8	43.0 - 44.5

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 for Mesothelioma

NAACCR U.S. COMBINED		MALES AND FEMALES			MALES				FEMALES			
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI		Count	RSR	95% CI	
Total	19,883	16.3	15.4 - 17.1		14,819	13.8	12.7 - 14.8		5,064	21.6	20.0 - 23.3	
Race												
White	18,357	16.0	15.1 - 16.9		13,743	13.7	12.6 - 14.8		4,614	21.3	19.6 - 23.1	
Black	979	16.6	13.6 - 19.8		689	10.7	7.3 - 14.9		290	24.2	19.2 - 29.6	
Stage												
Localized	2,730	26.6	23.9 - 29.4		1,970	25.4	21.9 - 29.0		760	29.9	24.9 - 35.0	
Regional	4,014	19.3	17.2 - 21.5		3,029	17.2	14.7 - 19.8		985	24.6	20.3 - 29.3	
Distant	11,008	11.7	10.8 - 12.7		8,247	9.7	8.5 - 10.9		2,761	16.4	14.5 - 18.3	
Unstaged	2,182	23.0	20.1 - 25.9		1,611	18.4	15.0 - 22.0		571	31.7	26.3 - 37.2	
Age Group ¹												
15-44	536	50.1	44.7 - 55.3		244	41.0	33.2 - 48.6		292	57.9	50.5 - 64.6	
45-54	994	32.3	28.7 - 36.0		566	29.2	24.5 - 34.1		428	36.4	30.8 - 41.9	
55-64	2,758	18.2	16.3 - 20.3		1,871	15.1	12.9 - 17.4		887	25.3	21.4 - 29.4	
65-74	5,968	11.1	9.9 - 12.3		4,577	9.2	8.0 - 10.5		1,391	17.6	14.8 - 20.6	
75+	9,635	5.1	4.3 - 6.0		7,567	4.4	3.6 - 5.3		2,068	7.8	5.7 - 10.5	

NAACCR CANADIAN COMBINED											
	MALES AND FEMALES				MALES				FEMALES		
Subgroup	Count	RSR	95% CI		Count	RSR	95% CI		Count	RSR	95% CI
Total	2,865	14.7	12.5 - 17.0		2,260	11.7	8.9 - 14.9		605	22.4	17.9 - 27.1
Stage ²											
Localized	101	8.1	2.4 - 18.6		82	0.0			19	*	
Regional	126	10.6	4.1 - 20.6		103	*			23	26.6	10.8 - 45.5 †
Distant	776	4.9	3.1 - 7.3		644	5.5	3.4 - 8.4		132	6.8	2.0 - 15.7 †
Unstaged	1,478	17.9	15.1 - 21.0		1,133	14.6	11.0 - 18.7		345	26.4	21.0 - 32.0
Age Group ²											
15-44	58	54.9	36.8 - 69.7		26	*			32	58.3	38.0 - 74.0
45-54	120	20.4	11.6 - 30.8		64	15.2	6.2 - 28.0		56	27.6	13.0 - 44.3
55-64	391	16.4	11.7 - 21.7		280	13.7	8.7 - 20.0		111	22.8	13.5 - 33.5
65-74	892	10.2	7.7 - 13.3		711	7.9	5.3 - 11.1		181	20.0	12.9 - 28.3
75+	1,406	5.6	3.8 - 7.9		1,181	4.1	2.4 - 6.4		225	13.5	7.0 - 22.1

NAACCR NORTH AMERICA COMBINED				MALES AND FEMALES			MALES			FEMALES		
Subgroup	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI			
Total	22,748	16.1	15.3 - 16.9	17,079	13.5	12.5 - 14.5	5,669	21.7	20.1 - 23.3			
Stage ²												
Localized	2,831	25.9	23.2 - 28.6	2,052	24.2	20.9 - 27.7	779	30.0	25.0 - 35.2			
Regional	4,140	19.0	17.0 - 21.2	3,132	16.9	14.5 - 19.5	1,008	24.5	20.2 - 29.1			
Distant	11,784	11.4	10.5 - 12.4	8,891	9.4	8.3 - 10.6	2,893	16.0	14.2 - 17.9			
Unstaged	3,660	20.7	18.6 - 22.8	2,744	16.5	14.0 - 19.2	916	29.3	25.5 - 33.3			
Age Group ¹												
15-44	594	50.5	45.3 - 55.5	270	41.6	34.0 - 49.1	324	58.0	51.1 - 64.4			
45-54	1,114	30.9	27.5 - 34.4	630	27.4	23.0 - 32.0	484	35.4	30.2 - 40.7			
55-64	3,149	18.0	16.2 - 19.9	2,151	14.9	12.9 - 17.0	998	25.0	21.3 - 28.8			
65-74	6,860	11.0	9.9 - 12.1	5,288	9.0	7.9 - 10.2	1,572	17.9	15.3 - 20.7			
75+	11,041	5.2	4.4 - 6.0	8,748	4.4	3.6 - 5.2	2,293	8.4	6.3 - 10.9			

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

¹ Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

² Canadian data is comprised of 2015-2017 only due to changes in coding of stage starting in 2018.



Section III

Five Year Age-Standardized Relative Survival Ratios for Cancers Diagnosed 2012-2018, by Registry and Race



Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, All Sites (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	9,974,194	64.9	64.9 - 64.9	5,013,415	63.4	63.3 - 63.4	4,960,779	66.2	66.1 - 66.2
Alabama	172,575	61.8	61.4 - 62.2	90,606	60.7	60.2 - 61.2	81,969	62.8	62.2 - 63.3
Alaska	18,843	62.8	61.6 - 63.9	9,686	61.0	59.4 - 62.6	9,157	64.3	62.7 - 65.9
Arizona	203,789	63.2	62.9 - 63.5	102,742	60.3	59.9 - 60.7	101,047	65.9	65.5 - 66.3
Arkansas	108,110	62.3	61.8 - 62.8	57,307	61.1	60.4 - 61.7	50,803	63.4	62.7 - 64.0
California	1,089,505	65.5	65.3 - 65.6	534,477	63.9	63.7 - 64.1	555,028	66.7	66.5 - 66.9
CA - Greater California	619,156	64.9	64.7 - 65.1	307,076	63.3	63.0 - 63.5	312,080	66.2	66.0 - 66.5
CA - Greater Bay Area	212,943	68.3	68.0 - 68.6	104,565	66.9	66.4 - 67.3	108,378	69.4	69.0 - 69.9
CA - Los Angeles	258,259	64.3	64.0 - 64.6	123,318	62.9	62.5 - 63.3	134,941	65.3	65.0 - 65.7
Colorado	150,620	68.3	67.9 - 68.7	74,404	66.3	65.7 - 66.8	76,216	70.0	69.4 - 70.5
Connecticut	136,893	67.7	67.4 - 68.1	67,265	66.4	65.8 - 66.9	69,628	68.8	68.2 - 69.3
Delaware	37,904	66.0	65.2 - 66.7	19,372	64.9	63.9 - 66.0	18,532	66.6	65.6 - 67.6
District of Columbia	18,967	63.4	62.3 - 64.5	9,004	63.7	62.0 - 65.3	9,963	63.0	61.6 - 64.5
Florida	806,008	65.3	65.2 - 65.5	414,930	63.6	63.4 - 63.8	391,078	66.9	66.6 - 67.1
Georgia	323,715	63.3	63.1 - 63.6	165,330	62.2	61.8 - 62.6	158,385	64.2	63.8 - 64.6
Hawaii	46,845	63.9	63.3 - 64.5	23,365	60.3	59.4 - 61.2	23,480	67.0	66.2 - 67.9
Idaho	52,966	65.6	65.0 - 66.3	27,365	64.5	63.6 - 65.4	25,601	66.5	65.6 - 67.4
Illinois	440,089	65.0	64.7 - 65.2	216,470	63.7	63.4 - 64.0	223,619	65.9	65.6 - 66.2
Indiana	229,044	62.2	61.9 - 62.5	114,535	60.0	59.5 - 60.5	114,509	64.2	63.8 - 64.6
Iowa	116,754	65.0	64.6 - 65.5	59,705	63.3	62.7 - 63.9	57,049	66.6	66.0 - 67.2
Kansas	99,063	68.2	67.7 - 68.7	50,571	67.2	66.5 - 67.9	48,492	69.0	68.3 - 69.7
Kentucky	176,028	59.8	59.5 - 60.2	89,234	57.9	57.4 - 58.4	86,794	61.6	61.1 - 62.1
Louisiana	164,555	62.0	61.6 - 62.4	87,376	61.5	61.0 - 62.1	77,179	62.3	61.7 - 62.8
Maine	56,613	65.6	65.0 - 66.2	28,258	63.0	62.1 - 63.9	28,355	67.6	66.8 - 68.4
Maryland	198,755	67.1	66.7 - 67.4	97,400	66.8	66.4 - 67.3	101,355	66.9	66.5 - 67.4
MI - Detroit	146,590	63.9	63.5 - 64.3	72,759	63.0	62.5 - 63.6	73,831	64.4	63.9 - 64.9
Minnesota	191,304	68.7	68.4 - 69.0	96,797	67.1	66.6 - 67.6	94,507	70.1	69.6 - 70.5
Mississippi	106,786	60.1	59.6 - 60.6	56,572	59.2	58.5 - 59.9	50,214	60.8	60.1 - 61.5
Missouri	214,693	62.5	62.2 - 62.8	106,858	59.8	59.3 - 60.2	107,835	65.0	64.5 - 65.4
Montana	39,236	66.8	66.0 - 67.5	20,630	65.9	64.9 - 67.0	18,606	67.2	66.2 - 68.3
Nebraska	64,322	66.0	65.4 - 66.5	32,992	64.9	64.0 - 65.7	31,330	66.9	66.1 - 67.7
New Hampshire	53,656	68.6	68.0 - 69.2	27,004	67.3	66.4 - 68.2	26,652	69.6	68.7 - 70.4
New Jersey	332,953	67.7	67.4 - 67.9	163,944	67.4	67.0 - 67.8	169,009	67.6	67.3 - 67.9
New Mexico	60,057	62.1	61.5 - 62.7	29,645	58.9	58.1 - 59.8	30,412	64.8	64.0 - 65.6
New York	726,197	66.4	66.2 - 66.6	358,119	65.5	65.3 - 65.8	368,078	66.9	66.7 - 67.2
North Carolina	360,110	64.6	64.4 - 64.9	181,832	63.2	62.8 - 63.5	178,278	65.9	65.6 - 66.3
North Dakota	24,584	68.2	67.3 - 69.1	12,879	67.0	65.7 - 68.2	11,705	69.2	68.0 - 70.4
Ohio	420,078	64.6	64.4 - 64.9	209,201	62.9	62.5 - 63.2	210,877	66.1	65.8 - 66.4
Oklahoma	127,680	61.2	60.8 - 61.7	64,697	59.9	59.3 - 60.5	62,983	62.4	61.8 - 63.0
Oregon	138,483	68.0	67.7 - 68.4	68,846	66.2	65.7 - 66.8	69,637	69.6	69.1 - 70.2
Pennsylvania	506,595	65.6	65.4 - 65.8	250,800	64.0	63.7 - 64.2	255,795	67.0	66.8 - 67.3
Rhode Island	39,783	67.5	66.8 - 68.2	19,117	65.0	63.9 - 66.0	20,666	69.6	68.7 - 70.6
South Carolina	175,732	62.9	62.6 - 63.3	90,548	61.0	60.5 - 61.6	85,184	64.6	64.1 - 65.1
Tennessee	237,034	62.4	62.1 - 62.8	121,870	61.1	60.7 - 61.6	115,164	63.5	63.1 - 64.0
Texas	725,560	63.0	62.9 - 63.2	367,668	60.9	60.7 - 61.2	357,892	65.0	64.7 - 65.2
Utah	68,287	70.5	69.9 - 71.0	35,270	70.1	69.4 - 70.9	33,017	70.5	69.7 - 71.3
Vermont	24,400	67.1	66.1 - 68.0	12,102	64.5	63.1 - 65.8	12,298	69.3	68.0 - 70.5
Washington	234,871	68.1	67.8 - 68.4	116,896	66.3	65.9 - 66.7	117,975	69.6	69.2 - 70.0
WA - Seattle	169,123	68.2	67.8 - 68.5	84,514	66.6	66.1 - 67.1	84,609	69.5	69.0 - 70.0
West Virginia	77,935	60.3	59.7 - 60.8	39,563	57.6	56.8 - 58.4	38,372	62.6	61.8 - 63.3
Wisconsin	211,859	67.0	66.7 - 67.3	108,022	65.5	65.1 - 66.0	103,837	68.2	67.7 - 68.6
Wyoming	17,768	66.7	65.6 - 67.8	9,382	66.5	64.9 - 68.0	8,386	66.3	64.7 - 67.8
NAACCR CDN Combined	936,217	65.1	65.0 - 65.3	472,011	63.7	63.5 - 63.9	464,206	66.3	66.1 - 66.5
Alberta	120,835	65.7	65.3 - 66.1	61,946	64.9	64.4 - 65.5	58,889	66.4	65.8 - 67.0
British Columbia	168,299	63.8	63.5 - 64.1	86,419	62.3	61.8 - 62.7	81,880	65.0	64.5 - 65.4
Manitoba	43,904	62.4	61.8 - 63.1	21,940	60.7	59.7 - 61.6	21,964	63.8	62.9 - 64.7
New Brunswick	32,543	62.8	62.1 - 63.6	16,945	61.2	60.2 - 62.3	15,598	64.4	63.3 - 65.4
Newfoundland and Labrador	23,511	64.5	63.6 - 65.4	12,059	63.6	62.2 - 64.9	11,452	65.3	63.9 - 66.5
Ontario	504,127	66.1	65.9 - 66.3	250,677	64.6	64.3 - 64.8	253,450	67.3	67.0 - 67.6
Prince Edward Island	6,046	61.3	59.5 - 63.0	3,114	58.0	55.4 - 60.4	2,932	64.3	61.8 - 66.7
Saskatchewan	36,952	61.8	61.1 - 62.5	18,911	60.1	59.1 - 61.1	18,041	63.2	62.2 - 64.2
NAACCR N.A. Combined	10,910,411	64.9	64.9 - 65.0	5,485,426	63.4	63.3 - 63.4	5,424,985	66.2	66.1 - 66.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, All Sites (CSI - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	10,453,273	65.5	65.5 - 65.6	5,294,487	64.5	64.4 - 64.5	5,158,786	66.7	66.7 - 66.8
Alabama	178,921	63.1	62.7 - 63.4	94,437	62.2	61.8 - 62.7	84,484	64.0	63.5 - 64.4
Alaska	19,622	63.4	62.4 - 64.5	10,145	62.4	61.0 - 63.9	9,477	*	
Arizona	212,029	63.5	63.2 - 63.8	107,649	61.4	61.0 - 61.9	104,380	65.8	65.4 - 66.2
Arkansas	113,657	64.2	63.7 - 64.6	60,678	63.4	62.8 - 64.0	52,979	65.0	64.4 - 65.6
California	1,137,764	65.0	64.9 - 65.1	562,136	63.9	63.7 - 64.1	575,628	66.2	66.1 - 66.4
CA - Greater California	646,816	64.3	64.2 - 64.5	323,252	63.0	62.8 - 63.3	323,564	65.8	65.5 - 66.0
CA - Greater Bay Area	222,281	67.4	67.1 - 67.7	109,898	66.2	65.8 - 66.6	112,383	68.8	68.4 - 69.2
CA - Los Angeles	268,899	64.2	63.9 - 64.5	129,101	63.5	63.1 - 63.9	139,798	65.0	64.6 - 65.4
Colorado	156,775	66.8	66.5 - 67.2	78,027	65.1	64.6 - 65.6	78,748	68.8	68.3 - 69.3
Connecticut	143,890	67.7	67.3 - 68.1	71,148	66.6	66.0 - 67.1	72,742	69.0	68.5 - 69.5
Delaware	39,562	65.1	64.4 - 65.8	20,372	64.1	63.1 - 65.1	19,190	66.2	65.2 - 67.2
District of Columbia	19,589	62.9	61.9 - 63.9	9,341	62.4	60.9 - 63.9	10,248	63.5	62.2 - 64.9
Florida	858,820	65.8	65.7 - 66.0	446,153	64.5	64.3 - 64.7	412,667	67.3	67.1 - 67.5
Georgia	339,528	63.7	63.5 - 64.0	175,055	62.8	62.4 - 63.1	164,473	64.8	64.4 - 65.1
Hawaii	48,797	63.9	63.2 - 64.5	24,509	62.4	61.5 - 63.3	24,288	65.5	64.6 - 66.3
Idaho	55,518	64.3	63.7 - 64.9	28,930	63.4	62.5 - 64.3	26,588	65.3	64.4 - 66.2
Illinois	461,485	65.7	65.5 - 65.9	228,714	64.8	64.5 - 65.1	232,771	66.6	66.3 - 66.9
Indiana	239,774	64.6	64.3 - 64.9	120,881	63.5	63.1 - 63.9	118,893	65.8	65.4 - 66.2
Iowa	122,999	65.5	65.1 - 65.9	63,448	64.0	63.4 - 64.6	59,551	67.1	66.5 - 67.6
Kansas	103,913	67.3	66.9 - 67.7	53,459	66.5	65.9 - 67.1	50,454	68.2	67.6 - 68.8
Kentucky	184,728	63.2	62.9 - 63.6	94,383	62.0	61.5 - 62.6	90,345	64.5	64.0 - 65.0
Louisiana	172,395	63.4	63.0 - 63.7	92,291	63.3	62.8 - 63.8	80,104	63.5	63.0 - 64.0
Maine	59,513	66.4	65.8 - 67.0	29,901	64.7	63.8 - 65.6	29,612	68.3	67.6 - 69.1
Maryland	207,568	66.2	65.9 - 66.5	102,422	65.5	65.1 - 66.0	105,146	66.9	66.5 - 67.3
MI - Detroit	154,089	64.4	64.1 - 64.8	77,139	63.8	63.2 - 64.3	76,950	65.2	64.7 - 65.7
Minnesota	201,391	68.0	67.7 - 68.3	102,773	66.3	65.9 - 66.8	98,618	69.9	69.4 - 70.3
Mississippi	111,650	62.2	61.8 - 62.7	59,651	61.9	61.3 - 62.6	51,999	62.6	61.9 - 63.2
Missouri	224,535	64.5	64.2 - 64.9	112,678	63.0	62.6 - 63.5	111,857	66.2	65.8 - 66.6
Montana	41,143	65.4	64.7 - 66.2	21,814	64.1	63.1 - 65.1	19,329	66.9	65.8 - 67.9
Nebraska	67,474	65.4	64.8 - 65.9	34,888	64.5	63.7 - 65.2	32,586	66.4	65.6 - 67.2
New Hampshire	56,330	67.2	66.6 - 67.8	28,546	66.0	65.1 - 66.9	27,784	68.6	67.8 - 69.4
New Jersey	350,365	66.8	66.6 - 67.0	173,821	66.1	65.8 - 66.5	176,544	67.5	67.2 - 67.9
New Mexico	62,452	62.1	61.5 - 62.7	30,969	60.4	59.6 - 61.3	31,483	63.9	63.2 - 64.7
New York	763,771	66.7	66.5 - 66.9	379,788	65.7	65.5 - 65.9	383,983	67.8	67.5 - 68.0
North Carolina	376,713	65.5	65.3 - 65.7	191,741	64.5	64.1 - 64.8	184,972	66.6	66.3 - 66.9
North Dakota	25,772	67.1	66.3 - 67.9	13,587	65.8	64.8 - 66.9	12,185	*	
Ohio	439,542	65.4	65.2 - 65.6	220,412	64.5	64.2 - 64.8	219,130	66.3	66.0 - 66.6
Oklahoma	133,387	62.9	62.5 - 63.3	68,052	62.2	61.6 - 62.7	65,335	63.6	63.1 - 64.2
Oregon	144,594	67.9	67.5 - 68.3	72,425	66.7	66.2 - 67.2	72,169	69.2	68.7 - 69.7
Pennsylvania	532,191	66.2	66.0 - 66.4	265,494	65.3	65.0 - 65.6	266,697	67.3	67.0 - 67.6
Rhode Island	41,869	67.8	67.1 - 68.4	20,299	65.8	64.9 - 66.8	21,570	69.9	69.0 - 70.8
South Carolina	183,429	63.8	63.5 - 64.2	95,178	62.6	62.1 - 63.1	88,251	65.2	64.7 - 65.7
Tennessee	247,014	64.4	64.1 - 64.7	127,828	63.6	63.2 - 64.1	119,186	65.2	64.8 - 65.7
Texas	753,179	64.6	64.4 - 64.8	384,055	63.4	63.2 - 63.7	369,124	65.9	65.7 - 66.2
Utah	71,152	65.4	64.9 - 66.0	37,030	64.4	63.6 - 65.2	34,122	66.6	65.9 - 67.4
Vermont	25,505	65.7	64.8 - 66.6	12,723	63.9	62.6 - 65.3	12,782	67.6	66.5 - 68.8
Washington	246,078	67.7	67.4 - 68.0	123,435	66.3	65.9 - 66.7	122,643	69.3	68.9 - 69.7
WA - Seattle	177,620	67.5	67.2 - 67.9	89,496	66.0	65.5 - 66.5	88,124	69.2	68.7 - 69.6
West Virginia	81,547	63.3	62.8 - 63.8	41,699	62.1	61.3 - 62.8	39,848	64.6	63.9 - 65.3
Wisconsin	222,805	67.0	66.7 - 67.3	114,592	65.7	65.3 - 66.1	108,213	68.3	67.9 - 68.7
Wyoming	18,449	64.8	63.8 - 65.8	9,791	63.9	62.4 - 65.3	8,658	65.8	64.4 - 67.2
NAACCR CDN Combined	987,429	65.3	65.2 - 65.5	501,721	64.1	63.9 - 64.3	485,708	66.6	66.4 - 66.8
Alberta	126,725	65.5	65.1 - 65.9	65,504	64.2	63.7 - 64.8	61,221	66.9	66.4 - 67.5
British Columbia	176,460	64.5	64.2 - 64.8	91,356	63.1	62.6 - 63.5	85,104	66.1	65.6 - 66.5
Manitoba	46,017	63.6	63.0 - 64.2	23,167	62.3	61.4 - 63.2	22,850	65.0	64.2 - 65.9
New Brunswick	34,129	*		17,914	*		16,215	66.1	65.2 - 67.1
Newfoundland and Labrador	24,698	*		12,808	*		11,890	64.8	63.5 - 66.1
Ontario	534,202	65.8	65.6 - 66.0	267,631	64.7	64.5 - 65.0	266,571	66.9	66.7 - 67.2
Prince Edward Island	6,347	*		3,303	*		3,044	*	
Saskatchewan	38,851	62.4	61.8 - 63.1	20,038	*		18,813	64.6	63.6 - 65.5
NAACCR N.A. Combined	11,440,702	65.5	65.5 - 65.6	5,796,208	64.5	64.4 - 64.5	5,644,494	66.7	66.7 - 66.8

Abbreviations: CSI, composite site index; RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

If more than 30% of the site-specific age-standardized RSR estimates were not available for a jurisdiction, the “All Sites (CSI)” estimate was suppressed. See Technical Notes for the difference between age-standardized RSR and Standardized using a composite survival index (CSI).

All Races

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

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Oral Cavity & Pharynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	280,643	62.2	61.9 - 62.5	200,587	61.4	61.0 - 61.8	80,056	64.2	63.7 - 64.7
Alabama	5,242	61.2	58.8 - 63.5	3,757	58.5	55.5 - 61.4	1,485	66.4	62.5 - 70.0
Alaska	595	61.9	53.7 - 69.1	449	66.2	57.0 - 73.9	146	52.3	39.8 - 63.3
Arizona	5,143	62.4	60.2 - 64.5	3,771	61.7	59.0 - 64.2	1,372	64.1	60.2 - 67.7
Arkansas	3,315	60.4	57.5 - 63.2	2,385	60.2	56.8 - 63.4	930	59.6	54.3 - 64.6
California	29,741	64.2	63.3 - 65.1	21,187	63.4	62.2 - 64.5	8,554	66.4	64.8 - 67.9
CA - Greater California	17,545	64.1	62.9 - 65.3	12,667	63.8	62.2 - 65.3	4,878	65.6	63.5 - 67.6
CA - Greater Bay Area	5,822	68.2	66.1 - 70.2	4,069	66.4	63.7 - 68.9	1,753	71.6	68.1 - 74.8
CA - Los Angeles	6,386	60.6	58.6 - 62.5	4,459	59.3	56.8 - 61.7	1,927	62.7	59.2 - 66.0
Colorado	4,364	68.0	65.2 - 70.6	3,164	67.8	64.3 - 71.0	1,200	69.2	64.4 - 73.5
Connecticut	3,721	63.1	60.2 - 65.8	2,536	61.1	57.3 - 64.6	1,185	66.2	61.5 - 70.3
Delaware	1,009	66.3	61.1 - 71.0	731	64.7	58.1 - 70.6	278	69.4	61.2 - 76.3
District of Columbia	490	56.5	49.8 - 62.6	332	51.5	43.2 - 59.3	158	64.7	54.0 - 73.5
Florida	24,752	59.5	58.5 - 60.5	18,250	58.7	57.5 - 59.9	6,502	60.9	59.1 - 62.6
Georgia	9,564	58.0	56.2 - 59.7	6,786	58.4	56.0 - 60.7	2,778	58.5	55.6 - 61.3
Hawaii	1,533	62.2	58.3 - 65.8	1,064	59.3	54.1 - 64.1	469	66.4	60.8 - 71.3
Idaho	1,570	66.9	62.2 - 71.1	1,101	64.9	58.4 - 70.7	469	67.7	60.5 - 73.8
Illinois	12,300	61.8	60.4 - 63.3	8,700	61.1	59.2 - 62.9	3,600	63.9	61.5 - 66.2
Indiana	6,704	63.2	61.1 - 65.3	4,836	61.9	59.2 - 64.5	1,868	64.3	60.6 - 67.7
Iowa	3,474	69.0	66.0 - 71.7	2,465	68.6	65.1 - 71.8	1,009	69.4	64.1 - 74.0
Kansas	2,743	65.8	62.6 - 68.8	1,993	65.2	61.2 - 68.9	750	66.7	61.0 - 71.8
Kentucky	5,097	58.9	56.4 - 61.3	3,664	59.1	55.9 - 62.1	1,433	58.2	53.9 - 62.2
Louisiana	4,755	57.5	54.8 - 60.0	3,471	57.1	54.1 - 60.0	1,284	57.0	52.3 - 61.5
Maine	1,711	64.2	60.3 - 67.8	1,237	63.3	58.5 - 67.7	474	65.4	58.2 - 71.6
Maryland	5,313	62.2	59.9 - 64.4	3,728	61.6	58.6 - 64.4	1,585	63.2	59.4 - 66.8
MI - Detroit	3,974	56.0	53.2 - 58.7	2,832	53.8	50.4 - 57.1	1,142	60.5	55.7 - 64.9
Minnesota	5,383	69.5	67.2 - 71.6	3,707	68.0	65.1 - 70.8	1,676	71.9	68.1 - 75.4
Mississippi	3,109	53.3	50.0 - 56.5	2,251	50.7	46.7 - 54.5	858	59.7	53.6 - 65.2
Missouri	6,361	62.2	60.0 - 64.3	4,629	62.7	59.9 - 65.3	1,732	60.8	57.1 - 64.3
Montana	1,071	65.1	59.7 - 70.0	781	64.3	58.9 - 69.3	290	65.2	56.2 - 72.9
Nebraska	1,783	65.5	61.6 - 69.1	1,281	64.3	59.1 - 69.0	502	65.7	59.2 - 71.4
New Hampshire	1,434	65.4	60.7 - 69.6	1,031	62.1	55.6 - 67.8	403	69.5	62.0 - 75.8
New Jersey	8,149	61.2	59.4 - 63.0	5,678	59.6	57.2 - 61.8	2,471	64.3	61.3 - 67.1
New Mexico	1,543	61.6	57.9 - 65.1	1,135	59.9	55.5 - 64.0	408	64.5	57.6 - 70.5
New York	17,743	62.5	61.3 - 63.7	12,162	61.0	59.4 - 62.5	5,581	65.6	63.5 - 67.5
North Carolina	10,241	61.2	59.5 - 62.8	7,359	60.6	58.4 - 62.7	2,882	62.2	59.4 - 65.0
North Dakota	699	66.0	59.9 - 71.4	500	62.6	55.0 - 69.4	199	71.4	62.0 - 78.8
Ohio	11,754	62.6	60.9 - 64.2	8,374	60.8	58.6 - 62.9	3,380	66.3	63.7 - 68.8
Oklahoma	3,888	63.0	60.3 - 65.6	2,782	62.4	59.0 - 65.6	1,106	62.4	58.0 - 66.5
Oregon	4,185	69.8	67.3 - 72.3	3,006	70.3	66.9 - 73.3	1,179	69.9	65.5 - 73.8
Pennsylvania	13,597	62.6	61.1 - 63.9	9,461	62.0	60.2 - 63.8	4,136	63.8	61.4 - 66.0
Rhode Island	1,044	61.3	56.2 - 66.0	692	58.7	51.9 - 64.9	352	63.7	56.1 - 70.3
South Carolina	5,283	56.3	53.8 - 58.7	3,882	54.6	51.6 - 57.6	1,401	59.9	55.6 - 63.9
Tennessee	7,040	60.1	58.0 - 62.2	5,190	59.9	57.1 - 62.5	1,850	60.4	56.7 - 63.9
Texas	21,112	61.4	60.2 - 62.6	15,417	60.4	58.9 - 61.9	5,695	63.6	61.5 - 65.6
Utah	1,703	67.4	63.2 - 71.1	1,188	68.5	63.1 - 73.3	515	64.3	57.8 - 70.1
Vermont	697	63.2	56.7 - 69.0	514	64.6	57.5 - 70.8	183	60.4	48.9 - 70.0
Washington	6,975	65.8	63.8 - 67.8	4,900	64.5	61.9 - 67.0	2,075	67.8	64.6 - 70.8
WA - Seattle	5,125	65.6	63.1 - 67.9	3,607	64.0	60.8 - 67.0	1,518	67.3	63.6 - 70.8
West Virginia	2,294	57.6	54.1 - 61.0	1,669	57.3	52.7 - 61.7	625	59.1	53.1 - 64.5
Wisconsin	5,972	63.6	61.4 - 65.7	4,217	63.2	60.4 - 65.8	1,755	64.2	60.6 - 67.5
Wyoming	473	65.4	57.9 - 71.8	342	62.0	53.2 - 69.5	131	74.0	59.5 - 84.0
NAACCR CDN Combined	24,330	61.2	60.2 - 62.1	16,960	60.4	59.1 - 61.6	7,370	62.8	61.1 - 64.4
Alberta	2,874	58.1	55.0 - 61.0	2,021	56.5	52.4 - 60.4	853	61.5	56.6 - 66.0
British Columbia	4,522	61.8	59.5 - 64.0	3,149	60.1	57.1 - 62.9	1,373	62.7	59.1 - 66.0
Manitoba	1,242	70.1	65.4 - 74.4	849	71.0	64.9 - 76.1	393	67.9	60.0 - 74.6
New Brunswick	793	65.1	59.6 - 70.1	570	66.7	60.0 - 72.5	223	61.1	51.4 - 69.5
Newfoundland and Labrador	550	60.8	52.5 - 68.1	414	60.2	51.0 - 68.1	136	65.0	48.5 - 77.3
Ontario	13,348	60.4	59.1 - 61.6	9,261	59.7	58.1 - 61.3	4,087	62.1	59.9 - 64.2
Prince Edward Island	194	62.5	50.1 - 72.7	136	64.5	51.3 - 74.9	58	*	
Saskatchewan	807	56.5	51.4 - 61.2	560	53.9	47.6 - 59.7	247	61.1	53.1 - 68.1
NAACCR N.A. Combined	304,973	62.1	61.8 - 62.4	217,547	61.3	60.9 - 61.7	87,426	64.1	63.6 - 64.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	109,130	20.8	20.4 - 21.1	86,271	20.1	19.7 - 20.5	22,859	23.6	22.8 - 24.4
Alabama	1,874	16.7	14.1 - 19.3	1,512	16.5	13.7 - 19.5	362	16.5	11.5 - 22.4 †
Alaska	274	21.4	15.1 - 28.6	210	22.0	14.6 - 30.4 †	64	20.3	9.6 - 33.9 †
Arizona	2,422	19.7	17.2 - 22.2	1,956	19.1	16.4 - 21.9	466	21.4	16.4 - 26.7
Arkansas	1,081	17.5	14.0 - 21.3	894	15.4	11.8 - 19.5	187	24.2	16.3 - 33.0
California	10,144	18.9	17.7 - 20.1	7,843	18.4	17.1 - 19.7	2,301	21.2	18.6 - 23.9
CA - Greater California	6,187	18.4	16.9 - 19.9	4,848	17.9	16.2 - 19.6	1,339	21.2	17.6 - 24.9
CA - Greater Bay Area	1,976	20.9	18.1 - 23.8	1,477	20.6	17.4 - 23.9	499	23.3	18.4 - 28.6
CA - Los Angeles	1,981	18.2	15.9 - 20.6	1,518	17.6	15.0 - 20.3	463	18.8	14.3 - 23.7
Colorado	1,689	21.5	18.7 - 24.5	1,397	19.6	16.6 - 22.8	292	30.6	24.0 - 37.4
Connecticut	1,521	26.4	23.2 - 29.7	1,165	26.2	22.4 - 30.1	356	28.2	21.8 - 34.9
Delaware	417	20.1	14.8 - 26.0	341	21.3	16.0 - 27.2	76	0.0	
District of Columbia	169	18.8	11.7 - 27.2 †	116	19.5	10.9 - 29.9 †	53	17.0	6.6 - 31.4 †
Florida	8,993	22.6	21.3 - 23.9	7,083	21.8	20.4 - 23.3	1,910	24.9	22.1 - 27.7
Georgia	3,327	17.8	15.8 - 20.0	2,622	17.9	15.6 - 20.3	705	18.3	14.4 - 22.6 †
Hawaii	427	16.3	11.4 - 22.0	345	15.0	9.9 - 21.2 †	82	17.9	8.9 - 29.5 †
Idaho	633	19.0	14.6 - 23.9	528	19.1	14.4 - 24.4	105	18.1	9.0 - 29.7 †
Illinois	4,954	22.0	20.3 - 23.7	3,888	21.5	19.6 - 23.4	1,066	24.1	20.6 - 27.8
Indiana	3,037	18.7	16.6 - 20.9	2,475	18.0	15.6 - 20.5	562	20.8	16.4 - 25.6 †
Iowa	1,544	20.8	17.8 - 24.0	1,255	21.4	18.1 - 24.9	289	16.8	11.1 - 23.6 †
Kansas	1,093	21.3	17.7 - 25.2	888	21.1	17.1 - 25.4	205	24.6	16.9 - 33.0
Kentucky	1,913	19.2	16.5 - 21.9	1,560	18.5	15.8 - 21.5	353	20.7	15.4 - 26.6
Louisiana	1,685	17.9	15.4 - 20.7	1,328	15.7	12.8 - 18.7	357	25.1	20.0 - 30.5
Maine	890	22.6	18.6 - 26.9 †	717	22.8	18.4 - 27.6 †	173	21.9	13.6 - 31.5 †
Maryland	2,012	20.5	17.9 - 23.2	1,530	20.7	17.8 - 23.7	482	17.8	12.9 - 23.4 †
MI - Detroit	1,689	20.2	17.4 - 23.2	1,297	19.0	15.8 - 22.5	392	23.1	17.6 - 29.1 †
Minnesota	2,175	22.3	19.8 - 24.9	1,700	20.4	17.6 - 23.4	475	28.7	23.7 - 33.9
Mississippi	1,128	17.8	14.8 - 21.0 †	893	17.8	14.4 - 21.4 †	235	14.9	9.5 - 21.5
Missouri	2,610	18.7	16.5 - 21.1	2,078	18.5	16.1 - 21.1	532	17.5	13.1 - 22.4
Montana	460	23.7	18.6 - 29.3	380	24.4	18.9 - 30.4	80	16.6	7.3 - 29.1
Nebraska	731	15.6	12.2 - 19.4	594	14.9	11.2 - 19.2	137	19.6	12.6 - 27.7
New Hampshire	831	25.8	21.6 - 30.2	678	27.3	22.5 - 32.3	153	17.2	10.2 - 25.7
New Jersey	3,259	22.8	20.7 - 24.9	2,494	21.9	19.5 - 24.3	765	24.9	20.8 - 29.3
New Mexico	659	15.9	12.0 - 20.2	550	15.3	11.2 - 20.0	109	23.9	12.7 - 37.1 †
New York	7,395	22.5	21.0 - 23.9	5,599	20.7	19.1 - 22.4	1,796	27.9	25.0 - 30.8
North Carolina	3,554	18.6	16.6 - 20.7	2,824	18.1	15.8 - 20.4	730	21.3	16.9 - 26.0
North Dakota	295	20.4	14.8 - 26.6	234	16.0	10.6 - 22.2	61	31.2	18.5 - 44.7 †
Ohio	5,277	20.5	18.9 - 22.2	4,216	20.4	18.5 - 22.3	1,061	21.7	18.2 - 25.4
Oklahoma	1,394	18.3	15.4 - 21.4	1,129	15.9	12.8 - 19.4	265	27.6	20.8 - 34.7
Oregon	1,709	25.1	21.9 - 28.4	1,373	23.9	20.2 - 27.7	336	30.1	23.6 - 36.8
Pennsylvania	6,089	20.8	19.2 - 22.4	4,803	19.9	18.2 - 21.7	1,286	24.1	20.4 - 27.9
Rhode Island	446	25.1	19.8 - 30.8 †	331	24.0	17.5 - 31.0 †	115	27.3	18.0 - 37.4 †
South Carolina	1,998	17.3	14.9 - 19.9	1,570	15.5	12.8 - 18.5	428	22.2	17.0 - 27.9
Tennessee	2,594	19.0	16.7 - 21.3	2,123	19.3	16.9 - 21.9	471	17.8	12.8 - 23.6
Texas	7,283	22.1	20.7 - 23.6	5,815	21.1	19.6 - 22.7	1,468	26.3	23.4 - 29.4
Utah	589	21.2	16.5 - 26.4	492	21.2	16.1 - 26.9	97	20.4	11.3 - 31.4 †
Vermont	347	27.6	21.7 - 33.9 †	276	29.8	22.8 - 37.1 †	71	19.5	10.6 - 30.5
Washington	2,713	23.9	21.4 - 26.4	2,142	22.7	20.1 - 25.5	571	26.7	21.8 - 31.8 †
WA - Seattle	1,819	24.0	21.1 - 27.1	1,411	21.6	18.4 - 24.9	408	29.7	23.7 - 35.9 †
West Virginia	1,002	17.0	13.8 - 20.6	817	16.9	13.3 - 20.9	185	20.3	12.9 - 28.9 †
Wisconsin	2,614	23.1	20.8 - 25.6	2,055	22.9	20.3 - 25.6	559	22.6	18.2 - 27.3
Wyoming	190	18.4	11.2 - 27.1 †	155	20.5	12.0 - 30.6 †	35	*	
NAACCR CDN Combined	10,620	18.7	17.7 - 19.8	8,070	18.9	17.7 - 20.2	2,550	18.1	15.9 - 20.3
Alberta	1,405	19.4	16.7 - 22.2	1,114	18.8	15.8 - 21.9	291	21.7	15.9 - 28.0 †
British Columbia	2,268	17.4	14.9 - 20.0	1,693	17.7	14.9 - 20.7	575	15.9	11.2 - 21.3
Manitoba	447	16.3	12.0 - 21.1	342	15.8	11.2 - 21.2	105	18.7	9.7 - 29.9 †
New Brunswick	329	17.8	12.3 - 24.1	261	19.7	13.0 - 27.5	68	11.4	4.3 - 22.4 †
Newfoundland and Labrador	253	15.7	9.8 - 22.8 †	204	16.1	9.6 - 24.0 †	49	13.7	3.3 - 31.5 †
Ontario	5,461	19.9	18.3 - 21.4	4,101	20.1	18.3 - 21.9	1,360	19.3	16.2 - 22.5
Prince Edward Island	75	22.3	10.6 - 36.5 †	57	11.9	1.3 - 35.2 †	18	*	
Saskatchewan	382	9.6	6.0 - 14.1 †	298	11.0	6.7 - 16.6 †	84	5.0	1.4 - 12.5 †
NAACCR N.A. Combined	119,750	20.6	20.2 - 20.9	94,341	20.0	19.6 - 20.4	25,409	23.1	22.3 - 23.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-4 Survival – Esophagus

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	153,608	34.6	34.3 - 35.0	94,814	30.7	30.3 - 31.2	58,794	41.2	40.7 - 41.8
Alabama	2,691	34.8	32.1 - 37.4	1,582	29.7	26.4 - 33.0	1,109	42.0	37.7 - 46.1
Alaska	350	25.9	19.5 - 32.7	222	24.1	15.6 - 33.6	128	35.6	26.0 - 45.4†
Arizona	2,942	32.6	30.2 - 35.0	1,864	30.0	27.0 - 33.1	1,078	37.2	33.4 - 41.0
Arkansas	1,516	31.0	27.6 - 34.5	975	27.0	22.8 - 31.4	541	38.3	32.8 - 43.9
California	21,025	31.4	30.6 - 32.3	12,520	28.3	27.2 - 29.4	8,505	36.4	34.9 - 37.8
CA - Greater California	10,410	30.1	28.8 - 31.3	6,299	26.4	24.8 - 27.9	4,111	35.9	33.8 - 38.0
CA - Greater Bay Area	4,108	34.1	32.0 - 36.2	2,444	31.6	28.9 - 34.3	1,664	37.8	34.6 - 40.9
CA - Los Angeles	6,511	32.0	30.4 - 33.6	3,779	29.3	27.3 - 31.4	2,732	35.9	33.5 - 38.3
Colorado	2,098	32.8	30.1 - 35.6	1,381	27.8	24.5 - 31.3	717	41.5	36.9 - 46.1
Connecticut	2,406	36.7	34.0 - 39.5	1,502	32.7	29.1 - 36.2	904	41.8	37.4 - 46.2
Delaware	530	32.3	26.6 - 38.2†	333	30.7	23.6 - 38.0†	197	35.4	26.2 - 44.8†
District of Columbia	372	42.7	35.7 - 49.4	219	37.6	28.7 - 46.5	153	50.0	40.2 - 59.0
Florida	11,217	35.4	34.2 - 36.7	6,969	32.5	31.0 - 34.1	4,248	40.3	38.2 - 42.3
Georgia	4,654	33.1	31.1 - 35.0	2,811	27.8	25.4 - 30.3	1,843	40.4	37.3 - 43.4
Hawaii	1,062	38.0	33.9 - 42.1	620	36.7	31.2 - 42.2	442	39.7	33.5 - 45.9
Idaho	632	24.9	20.0 - 30.1	425	24.3	18.3 - 30.8†	207	25.7	17.4 - 34.8
Illinois	7,143	36.0	34.4 - 37.6	4,388	32.3	30.3 - 34.3	2,755	42.6	40.1 - 45.0
Indiana	3,139	32.6	30.2 - 35.0	2,025	28.4	25.3 - 31.5	1,114	40.6	36.6 - 44.5
Iowa	1,219	31.6	27.9 - 35.3	790	26.7	22.3 - 31.3	429	41.1	34.9 - 47.1
Kansas	1,149	30.6	26.6 - 34.7	745	29.4	24.7 - 34.3	404	32.8	25.8 - 39.9
Kentucky	2,442	33.2	30.5 - 36.0	1,498	26.3	23.0 - 29.7	944	43.9	39.6 - 48.2
Louisiana	2,537	30.0	27.4 - 32.6	1,628	26.5	23.5 - 29.6	909	36.6	32.2 - 41.1
Maine	719	39.1	34.2 - 43.9	445	33.5	27.1 - 40.0	274	47.1	39.7 - 54.1
Maryland	3,214	41.0	38.6 - 43.3	1,883	34.9	31.9 - 37.8	1,331	49.8	46.1 - 53.3
MI - Detroit	2,264	29.7	27.1 - 32.3	1,369	25.9	22.6 - 29.2	895	35.5	31.2 - 39.9
Minnesota	2,453	35.4	32.7 - 38.0	1,626	31.0	27.8 - 34.2	827	42.8	38.4 - 47.1
Mississippi	1,662	31.9	28.8 - 35.2	989	26.6	22.5 - 30.8	673	39.3	34.2 - 44.3
Missouri	2,706	30.8	28.4 - 33.3	1,738	25.5	22.6 - 28.5	968	41.3	37.0 - 45.6
Montana	474	30.6	25.2 - 36.2	299	24.3	17.9 - 31.2†	175	37.4	27.6 - 47.2
Nebraska	746	33.2	28.8 - 37.6	501	29.4	24.3 - 34.6	245	40.5	32.8 - 48.0
New Hampshire	639	41.4	35.7 - 47.1†	415	35.9	29.0 - 42.8†	224	50.9	40.7 - 60.3†
New Jersey	5,795	38.3	36.5 - 40.0	3,478	33.2	30.9 - 35.4	2,317	46.0	43.2 - 48.8
New Mexico	1,120	29.0	25.4 - 32.7	653	25.7	21.1 - 30.5	467	33.1	27.5 - 38.7
New York	13,893	40.6	39.5 - 41.8	8,345	36.9	35.4 - 38.4	5,548	46.7	44.8 - 48.5
North Carolina	5,184	38.4	36.6 - 40.3	3,121	32.9	30.5 - 35.4	2,063	46.6	43.8 - 49.4
North Dakota	317	31.7	24.8 - 38.8†	213	32.2	23.8 - 40.8†	104	31.1	19.5 - 43.3†
Ohio	6,005	34.9	33.2 - 36.6	3,824	31.5	29.3 - 33.6	2,181	40.9	38.0 - 43.7
Oklahoma	1,634	31.4	28.0 - 34.8	1,022	24.6	20.7 - 28.7	612	42.1	36.2 - 47.8
Oregon	1,787	33.9	30.9 - 36.8	1,157	28.9	25.2 - 32.6	630	41.3	36.2 - 46.4
Pennsylvania	7,030	33.3	31.7 - 34.9	4,536	29.5	27.6 - 31.5	2,494	40.6	38.0 - 43.2
Rhode Island	676	40.0	34.9 - 45.0	425	38.7	32.4 - 44.9	251	41.2	32.5 - 49.8
South Carolina	2,672	34.3	31.6 - 37.0	1,684	28.7	25.3 - 32.1	988	43.9	39.6 - 48.0
Tennessee	3,086	33.6	31.2 - 35.9	1,915	30.1	27.1 - 33.2	1,171	39.1	35.4 - 42.9
Texas	12,035	34.2	33.0 - 35.3	7,227	29.8	28.3 - 31.3	4,808	40.6	38.8 - 42.4
Utah	804	30.1	25.6 - 34.7	501	27.9	22.4 - 33.7	303	34.1	26.4 - 41.9
Vermont	296	33.1	25.8 - 40.6	198	30.2	21.4 - 39.5†	98	34.1	20.1 - 48.6†
Washington	3,111	34.0	31.6 - 36.3	2,005	31.8	29.0 - 34.7	1,106	38.2	34.3 - 42.2
WA - Seattle	2,301	31.3	28.6 - 34.0	1,467	28.8	25.5 - 32.1	834	36.3	31.7 - 40.8
West Virginia	1,019	32.7	28.9 - 36.7	631	28.7	24.1 - 33.5	388	39.0	32.6 - 45.5
Wisconsin	2,942	36.5	34.0 - 39.0	1,972	33.5	30.5 - 36.6	970	41.7	37.5 - 45.9
Wyoming	201	31.5	23.2 - 40.2†	145	28.3	18.4 - 39.0†	56	36.9	23.0 - 50.7†
NAACCR CDN Combined	17,687	31.1	30.2 - 32.1	11,471	29.3	28.2 - 30.5	6,216	34.5	32.9 - 36.1
Alberta	1,878	24.7	22.1 - 27.3	1,239	24.6	21.5 - 27.8	639	24.4	20.2 - 28.9
British Columbia	2,718	26.6	24.4 - 28.9	1,809	24.5	21.7 - 27.3	909	30.9	27.1 - 34.8
Manitoba	812	27.1	22.9 - 31.4	545	24.4	19.5 - 29.7	267	33.3	26.6 - 40.1
New Brunswick	629	28.3	23.6 - 33.2	419	26.4	20.5 - 32.6†	210	30.0	22.0 - 38.3
Newfoundland and Labrador	561	30.3	25.0 - 35.8	369	29.5	23.3 - 35.9	192	36.6	27.2 - 46.0
Ontario	10,312	34.6	33.3 - 35.8	6,563	32.8	31.2 - 34.4	3,749	37.8	35.7 - 39.8
Prince Edward Island	103	26.2	16.5 - 37.0†	74	27.6	16.2 - 40.3†	29	21.8	7.3 - 41.1†
Saskatchewan	674	21.7	17.5 - 26.2	453	19.6	14.6 - 25.1	221	24.9	17.5 - 33.0
NAACCR N.A. Combined	171,295	34.3	34.0 - 34.6	106,285	30.6	30.2 - 31.0	65,010	40.6	40.1 - 41.1

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Colon & Rectum**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	881,080	63.4	63.2 - 63.5	462,857	62.1	61.8 - 62.3	418,223	64.9	64.7 - 65.1
Alabama	16,982	62.3	61.1 - 63.5	8,919	59.9	58.1 - 61.6	8,063	64.9	63.2 - 66.5
Alaska	1,927	63.1	59.6 - 66.4	1,029	64.0	58.9 - 68.6	898	61.3	56.6 - 65.6
Arizona	17,697	61.1	60.0 - 62.2	9,582	58.4	56.9 - 59.9	8,115	64.3	62.7 - 65.8
Arkansas	10,303	63.1	61.6 - 64.7	5,522	62.7	60.7 - 64.7	4,781	63.4	61.1 - 65.5
California	97,903	63.7	63.2 - 64.2	51,355	62.7	62.0 - 63.3	46,548	64.9	64.3 - 65.6
CA - Greater California	54,363	63.3	62.7 - 63.9	28,549	62.4	61.5 - 63.3	25,814	64.4	63.5 - 65.3
CA - Greater Bay Area	18,439	66.5	65.4 - 67.6	9,633	64.7	63.1 - 66.2	8,806	68.4	66.8 - 69.8
CA - Los Angeles	25,132	62.4	61.4 - 63.3	13,191	61.4	60.1 - 62.8	11,941	63.6	62.3 - 64.9
Colorado	12,594	64.4	63.1 - 65.7	6,624	62.6	60.7 - 64.5	5,970	66.0	64.2 - 67.7
Connecticut	10,901	66.7	65.3 - 68.1	5,548	66.6	64.6 - 68.5	5,353	66.9	64.9 - 68.8
Delaware	2,942	64.2	61.4 - 66.9	1,540	62.1	58.0 - 66.0	1,402	65.9	62.1 - 69.5
District of Columbia	1,714	59.7	56.1 - 63.1	842	56.0	50.3 - 61.2	872	62.9	58.3 - 67.2
Florida	66,533	61.9	61.3 - 62.5	35,152	60.0	59.2 - 60.8	31,381	64.2	63.4 - 65.0
Georgia	29,435	61.0	60.0 - 61.9	15,671	59.8	58.5 - 61.2	13,764	62.2	60.9 - 63.5
Hawaii	4,722	65.3	63.2 - 67.3	2,593	62.9	59.8 - 65.7	2,129	67.5	64.4 - 70.3
Idaho	4,340	61.2	58.9 - 63.3	2,331	59.8	56.5 - 62.9	2,009	62.5	59.3 - 65.6
Illinois	41,574	64.2	63.4 - 64.9	21,731	62.9	61.9 - 64.0	19,843	65.5	64.5 - 66.5
Indiana	21,617	64.9	63.8 - 65.9	11,264	64.4	62.8 - 65.9	10,353	65.5	64.1 - 66.9
Iowa	10,923	66.6	65.2 - 68.0	5,625	65.8	63.8 - 67.7	5,298	67.2	65.2 - 69.2
Kansas	8,899	65.7	64.0 - 67.2	4,689	64.4	62.0 - 66.7	4,210	66.7	64.5 - 68.8
Kentucky	16,936	63.5	62.3 - 64.7	9,055	62.7	61.0 - 64.4	7,881	64.2	62.6 - 65.9
Louisiana	16,003	62.8	61.5 - 64.0	8,595	62.1	60.2 - 63.9	7,408	63.5	61.8 - 65.2
Maine	4,460	66.9	64.7 - 69.1	2,285	65.6	62.2 - 68.8	2,175	67.6	64.6 - 70.4
Maryland	16,401	63.8	62.6 - 65.0	8,222	62.3	60.6 - 63.9	8,179	65.2	63.6 - 66.7
MI - Detroit	12,790	61.0	59.6 - 62.4	6,430	60.0	58.0 - 62.0	6,360	61.8	59.9 - 63.6
Minnesota	15,910	67.9	66.8 - 69.1	8,305	67.5	65.8 - 69.1	7,605	68.5	66.8 - 70.1
Mississippi	11,274	59.7	58.2 - 61.3	5,999	58.3	56.0 - 60.6	5,275	61.2	59.2 - 63.2
Missouri	19,888	63.2	62.1 - 64.3	10,424	61.0	59.4 - 62.5	9,464	65.7	64.2 - 67.2
Montana	3,287	64.2	61.6 - 66.6	1,838	62.6	58.9 - 66.0	1,449	65.8	62.1 - 69.3
Nebraska	6,163	66.7	64.7 - 68.6	3,225	65.0	62.2 - 67.7	2,938	68.6	65.8 - 71.2
New Hampshire	4,148	66.3	63.9 - 68.5	2,211	66.5	63.0 - 69.7	1,937	65.8	62.4 - 68.9
New Jersey	28,983	64.0	63.2 - 64.9	14,725	62.6	61.3 - 63.9	14,258	65.7	64.5 - 66.9
New Mexico	5,465	58.1	56.0 - 60.1	2,893	56.2	53.4 - 59.0	2,572	60.2	57.1 - 63.0
New York	59,884	63.2	62.6 - 63.8	30,605	62.3	61.5 - 63.2	29,279	64.1	63.2 - 64.9
North Carolina	29,135	62.5	61.5 - 63.4	15,186	61.7	60.3 - 63.0	13,949	63.4	62.1 - 64.6
North Dakota	2,399	68.4	65.7 - 71.0	1,304	67.0	63.0 - 70.6	1,095	69.3	65.2 - 73.0
Ohio	38,568	64.3	63.5 - 65.1	19,970	63.5	62.4 - 64.6	18,598	65.1	64.0 - 66.1
Oklahoma	12,217	61.0	59.6 - 62.4	6,507	59.7	57.6 - 61.7	5,710	61.9	59.9 - 63.9
Oregon	11,225	67.6	66.2 - 69.0	5,930	66.5	64.4 - 68.4	5,295	68.9	66.9 - 70.8
Pennsylvania	44,905	63.7	63.0 - 64.4	23,145	62.5	61.4 - 63.5	21,760	65.1	64.1 - 66.1
Rhode Island	3,017	64.9	62.1 - 67.5	1,529	62.7	58.6 - 66.5	1,488	66.1	62.3 - 69.5
South Carolina	14,878	61.8	60.5 - 63.1	7,865	59.2	57.3 - 61.0	7,013	64.7	62.9 - 66.4
Tennessee	20,951	62.2	61.1 - 63.3	10,970	60.6	59.0 - 62.2	9,981	64.0	62.5 - 65.5
Texas	68,841	62.2	61.6 - 62.8	38,121	60.3	59.4 - 61.1	30,720	64.6	63.7 - 65.4
Utah	5,112	63.8	61.8 - 65.7	2,725	62.0	59.2 - 64.7	2,387	65.9	63.0 - 68.5
Vermont	1,933	59.8	56.4 - 63.1	966	58.0	52.7 - 62.9	967	61.6	56.8 - 66.0
Washington	18,957	66.6	65.5 - 67.6	9,931	64.7	63.1 - 66.2	9,026	69.0	67.6 - 70.4
WA - Seattle	13,489	65.7	64.4 - 66.9	7,130	63.4	61.5 - 65.2	6,359	68.6	66.8 - 70.2
West Virginia	7,646	60.9	59.2 - 62.6	4,022	59.5	56.9 - 62.0	3,624	62.1	59.6 - 64.4
Wisconsin	17,210	65.1	64.0 - 66.3	9,030	64.1	62.4 - 65.7	8,180	66.2	64.6 - 67.8
Wyoming	1,488	59.5	55.5 - 63.2	827	59.3	53.7 - 64.6	661	59.3	53.5 - 64.6
NAACCR CDN Combined	110,135	67.8	67.4 - 68.2	60,777	67.2	66.6 - 67.8	49,358	68.5	67.9 - 69.1
Alberta	13,801	68.3	67.2 - 69.5	7,825	67.9	66.2 - 69.4	5,976	68.8	67.0 - 70.4
British Columbia	21,353	69.1	68.1 - 70.0	11,817	68.2	66.9 - 69.5	9,536	70.0	68.6 - 71.3
Manitoba	5,599	65.4	63.5 - 67.3	3,136	65.2	62.4 - 67.8	2,463	65.7	62.9 - 68.3
New Brunswick	4,041	66.7	64.4 - 68.9	2,277	66.8	63.5 - 69.8	1,764	67.3	63.9 - 70.4
Newfoundland and Labrador	4,016	68.4	66.0 - 70.6	2,258	69.8	66.4 - 72.9	1,758	66.2	62.8 - 69.5
Ontario	55,352	67.6	67.1 - 68.2	30,087	66.9	66.1 - 67.8	25,265	68.4	67.6 - 69.3
Prince Edward Island	797	66.3	60.8 - 71.2	433	60.9	53.0 - 68.0	364	72.1	65.2 - 77.9
Saskatchewan	5,176	64.8	62.8 - 66.7	2,944	63.2	60.5 - 65.8	2,232	66.4	63.5 - 69.1
NAACCR N.A. Combined	991,215	63.9	63.7 - 64.0	523,634	62.7	62.5 - 62.9	467,581	65.3	65.1 - 65.5

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-6 Survival – Colon & Rectum

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Liver & Intrahepatic Bile Duct

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	204,734	19.1	18.9 - 19.4	146,865	18.4	18.0 - 18.7	57,869	21.0	20.6 - 21.5
Alabama	3,116	13.0	11.0 - 15.1	2,244	12.4	10.2 - 15.0	872	15.2	11.9 - 19.0
Alaska	457	20.3	15.5 - 25.6 †	343	19.3	14.0 - 25.3 †	114	22.4	12.9 - 33.5 †
Arizona	4,471	19.4	17.7 - 21.3	3,175	18.4	16.3 - 20.7	1,296	22.0	18.8 - 25.3
Arkansas	1,889	18.9	16.0 - 22.1	1,391	17.2	13.5 - 21.3	498	21.8	16.9 - 27.2
California	28,559	21.0	20.3 - 21.8	20,203	20.3	19.4 - 21.2	8,356	22.6	21.2 - 23.9
CA - Greater California	15,711	19.1	18.1 - 20.1	11,236	17.9	16.7 - 19.1	4,475	21.7	19.9 - 23.6
CA - Greater Bay Area	5,985	25.9	24.2 - 27.7	4,281	25.1	23.0 - 27.2	1,704	27.0	24.0 - 30.1
CA - Los Angeles	6,869	20.8	19.3 - 22.2	4,690	21.0	19.2 - 22.8	2,179	20.7	18.2 - 23.4
Colorado	3,054	20.4	18.1 - 22.8	2,224	19.4	16.5 - 22.5	830	23.4	19.7 - 27.3
Connecticut	2,585	19.8	17.4 - 22.3	1,908	18.9	16.0 - 22.1	677	22.0	17.9 - 26.4 †
Delaware	747	23.5	19.6 - 27.7 †	544	21.2	16.5 - 26.3 †	203	28.6	21.3 - 36.2 †
District of Columbia	585	21.3	15.9 - 27.1	421	24.7	19.1 - 30.8 †	164	22.5	13.5 - 32.8 †
Florida	15,019	19.4	18.4 - 20.4	10,795	18.2	17.0 - 19.4	4,224	22.2	20.4 - 24.2
Georgia	6,281	16.5	15.1 - 18.0	4,499	16.1	14.3 - 18.0	1,782	18.1	15.6 - 20.7
Hawaii	1,344	19.0	16.0 - 22.3	954	18.6	14.9 - 22.6	390	20.3	14.9 - 26.4
Idaho	962	11.9	8.7 - 15.7	687	14.5	9.6 - 20.5	275	8.6	3.8 - 15.7 †
Illinois	7,788	21.1	19.7 - 22.5	5,347	20.0	18.2 - 21.7	2,441	23.1	20.7 - 25.5
Indiana	4,049	15.8	14.0 - 17.8	2,894	14.7	12.5 - 17.1	1,155	18.3	15.1 - 21.6
Iowa	1,779	16.3	13.5 - 19.5	1,250	17.3	14.3 - 20.6 †	529	18.5	14.0 - 23.4
Kansas	1,673	21.4	18.3 - 24.6	1,215	21.5	17.9 - 25.4	458	20.8	16.0 - 25.9 †
Kentucky	3,139	14.9	13.0 - 16.9	2,235	13.8	11.5 - 16.4	904	17.4	14.3 - 20.8
Louisiana	3,826	15.1	13.2 - 17.2	2,966	14.6	12.4 - 17.0	860	16.8	13.1 - 20.9
Maine	721	16.2	12.2 - 20.8	545	16.6	11.8 - 22.1	176	13.9	7.1 - 23.1 †
Maryland	4,058	23.6	21.7 - 25.6	2,875	22.0	19.7 - 24.4	1,183	26.8	23.3 - 30.4
MI - Detroit	2,789	19.7	17.2 - 22.3	1,982	19.6	16.6 - 22.8	807	18.8	14.8 - 23.3
Minnesota	3,215	20.1	18.1 - 22.2	2,264	19.8	17.3 - 22.4	951	20.8	17.3 - 24.5
Mississippi	2,156	16.8	14.3 - 19.4	1,565	15.6	12.6 - 19.0	591	18.0	13.7 - 22.9
Missouri	3,941	16.4	14.5 - 18.3	2,865	16.5	14.3 - 18.8	1,076	15.5	12.2 - 19.0
Montana	604	13.0	9.0 - 17.6 †	440	13.2	8.7 - 18.7 †	164	12.1	5.4 - 21.7 †
Nebraska	839	18.6	15.0 - 22.5 †	616	19.1	15.0 - 23.7 †	223	17.1	10.4 - 25.3 †
New Hampshire	736	19.5	15.5 - 23.8	563	19.2	14.4 - 24.6	173	20.6	13.3 - 29.0
New Jersey	5,855	20.3	18.7 - 21.9	4,179	20.2	18.4 - 22.1	1,676	20.4	17.5 - 23.6
New Mexico	1,781	17.9	15.3 - 20.6	1,321	17.2	14.1 - 20.5	460	18.9	14.1 - 24.2 †
New York	14,883	21.5	20.5 - 22.6	10,651	20.4	19.2 - 21.6	4,232	24.4	22.6 - 26.3
North Carolina	7,152	15.2	13.8 - 16.7	5,149	15.3	13.6 - 17.0	2,003	14.9	12.3 - 17.7
North Dakota	287	11.8	6.8 - 18.3 †	201	10.8	5.5 - 18.3 †	86	14.5	5.1 - 28.7 †
Ohio	6,700	18.5	17.1 - 20.0	4,692	18.3	16.5 - 20.2	2,008	18.4	16.0 - 21.0
Oklahoma	2,491	16.1	13.9 - 18.5	1,784	15.9	13.0 - 19.0	707	15.8	12.2 - 19.8
Oregon	3,252	20.6	18.3 - 22.9	2,358	18.9	16.1 - 21.8	894	22.2	18.4 - 26.2
Pennsylvania	9,486	19.7	18.4 - 21.0	6,944	19.8	18.2 - 21.5	2,542	19.7	17.6 - 22.0
Rhode Island	761	18.0	14.4 - 22.0 †	551	20.3	15.8 - 25.3 †	210	11.8	6.7 - 18.5 †
South Carolina	3,330	15.6	13.7 - 17.5	2,470	14.7	12.4 - 17.1	860	19.6	16.1 - 23.5 †
Tennessee	4,453	16.9	15.1 - 18.8	3,191	16.0	13.8 - 18.4	1,262	19.7	16.4 - 23.2
Texas	22,043	19.0	18.2 - 19.9	15,896	18.0	16.9 - 19.1	6,147	21.9	20.5 - 23.5
Utah	1,127	21.6	18.2 - 25.2	795	19.4	15.3 - 23.8	332	26.3	19.7 - 33.3 †
Vermont	323	20.4	14.9 - 26.5 †	247	20.2	13.8 - 27.4 †	76	20.7	10.8 - 32.6 †
Washington	5,280	22.7	21.0 - 24.5	3,766	21.3	19.2 - 23.5	1,514	25.9	22.7 - 29.1
WA - Seattle	3,936	22.5	20.5 - 24.6	2,833	21.3	18.9 - 23.8	1,103	25.5	21.7 - 29.3
West Virginia	1,300	13.3	10.4 - 16.4	939	13.6	10.3 - 17.2	361	11.3	6.7 - 17.1 †
Wisconsin	3,551	19.0	17.1 - 21.0	2,501	17.5	15.2 - 19.9	1,050	22.2	18.9 - 25.8
Wyoming	297	15.8	10.7 - 21.7 †	220	8.7	5.2 - 13.3	77	21.3	10.6 - 34.4 †
NAACCR CDN Combined	16,093	20.7	19.8 - 21.7	11,233	20.9	19.8 - 22.1	4,860	20.3	18.7 - 21.9
Alberta	2,115	22.9	20.4 - 25.5	1,503	23.6	20.6 - 26.6	612	20.9	16.5 - 25.6
British Columbia	3,670	18.4	16.4 - 20.5	2,626	17.7	15.3 - 20.3	1,044	20.7	17.2 - 24.4
Manitoba	656	14.6	10.6 - 19.2	445	14.4	9.5 - 20.3 †	211	16.5	9.4 - 25.5
New Brunswick	385	8.0	4.5 - 12.8 †	244	6.6	2.9 - 12.4 †	141	10.4	4.4 - 19.5 †
Newfoundland and Labrador	294	10.2	5.9 - 16.0 †	183	8.2	3.5 - 15.5 †	111	12.6	6.5 - 21.0
Ontario	8,458	22.6	21.3 - 23.9	5,884	23.2	21.6 - 24.9	2,574	20.9	18.8 - 23.1
Prince Edward Island	77	11.5	5.2 - 20.6	51	7.7	1.4 - 21.2 †	26	16.7	4.4 - 35.7 †
Saskatchewan	438	10.9	7.3 - 15.3 †	297	9.6	5.4 - 15.1	141	10.1	5.4 - 16.7 †
NAACCR N.A. Combined	220,827	19.2	19.0 - 19.5	158,098	18.6	18.2 - 18.9	62,729	21.0	20.5 - 21.5

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Pancreas

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	302,735	13.8	13.6 - 14.0	156,953	12.9	12.7 - 13.2	145,782	14.8	14.6 - 15.1
Alabama	5,133	11.7	10.4 - 13.0	2,703	9.8	8.2 - 11.7	2,430	13.1	11.3 - 15.1
Alaska	558	9.9	6.8 - 13.8 †	300	10.3	6.5 - 15.1	258	7.9	3.8 - 13.9 †
Arizona	6,631	12.9	11.6 - 14.2	3,581	12.5	10.9 - 14.3	3,050	13.2	11.3 - 15.3
Arkansas	2,910	9.6	8.1 - 11.3	1,573	9.5	7.5 - 11.8	1,337	9.7	7.4 - 12.4
California	33,367	13.9	13.4 - 14.5	17,181	12.9	12.1 - 13.7	16,186	15.1	14.3 - 15.9
CA - Greater California	18,614	13.3	12.5 - 14.1	9,763	12.2	11.2 - 13.2	8,851	14.4	13.2 - 15.6
CA - Greater Bay Area	6,613	16.6	15.3 - 18.0	3,367	15.3	13.5 - 17.1	3,246	18.4	16.5 - 20.4
CA - Los Angeles	8,142	13.1	12.1 - 14.3	4,052	12.3	10.9 - 13.8	4,090	13.9	12.4 - 15.5
Colorado	4,374	14.9	13.3 - 16.5	2,377	14.2	12.1 - 16.5	1,997	15.9	13.7 - 18.3
Connecticut	4,336	15.2	13.7 - 16.9	2,187	15.1	13.0 - 17.5	2,149	14.8	12.6 - 17.1
Delaware	1,177	13.2	10.3 - 16.6	627	9.3	6.6 - 12.7	550	17.5	13.4 - 22.1
District of Columbia	698	15.3	11.8 - 19.1	336	14.7	10.0 - 20.1 †	362	15.6	11.0 - 20.9
Florida	24,506	15.7	15.0 - 16.4	12,963	14.8	13.9 - 15.8	11,543	16.6	15.6 - 17.6
Georgia	9,448	12.2	11.2 - 13.3	4,870	11.2	9.9 - 12.7	4,578	13.1	11.6 - 14.7
Hawaii	1,635	14.4	12.1 - 16.9	864	13.4	10.2 - 16.9	771	15.1	11.9 - 18.7
Idaho	1,690	12.2	9.9 - 14.7	937	12.5	9.6 - 15.8	753	11.5	8.1 - 15.6
Illinois	13,614	15.2	14.3 - 16.1	6,967	14.7	13.5 - 16.0	6,647	15.7	14.4 - 17.1
Indiana	7,114	11.8	10.7 - 13.0	3,684	9.9	8.4 - 11.5	3,430	13.5	12.0 - 15.2
Iowa	3,581	13.2	11.6 - 15.0	1,863	12.4	10.2 - 14.9	1,718	14.4	12.0 - 17.0
Kansas	2,672	13.4	11.4 - 15.6	1,355	12.4	9.8 - 15.3	1,317	14.4	11.5 - 17.6
Kentucky	4,940	10.6	9.3 - 12.0	2,564	10.1	8.4 - 11.9	2,376	11.6	9.5 - 13.9
Louisiana	5,065	10.0	8.8 - 11.3	2,605	9.0	7.3 - 10.8	2,460	11.3	9.5 - 13.2
Maine	1,670	11.9	9.4 - 14.8	840	9.4	6.9 - 12.5 †	830	14.5	11.0 - 18.6
Maryland	6,067	15.2	13.9 - 16.6	3,067	14.5	12.6 - 16.4	3,000	15.8	14.0 - 17.7
MI - Detroit	4,864	11.1	9.7 - 12.5	2,446	11.1	9.3 - 13.2	2,418	11.2	9.2 - 13.4
Minnesota	5,794	14.3	12.9 - 15.7	3,059	13.6	11.9 - 15.5	2,735	15.3	13.1 - 17.6
Mississippi	3,392	9.1	7.8 - 10.7	1,767	7.2	5.6 - 9.1 †	1,625	11.6	9.5 - 14.0
Missouri	6,298	12.1	10.9 - 13.4	3,340	10.6	9.0 - 12.3	2,958	13.8	12.1 - 15.7
Montana	1,098	15.0	11.9 - 18.5	589	14.7	10.4 - 19.7	509	12.4	9.0 - 16.4 †
Nebraska	1,911	14.8	12.5 - 17.2	1,014	12.6	10.0 - 15.6	897	16.7	12.8 - 20.9
New Hampshire	1,507	16.1	13.3 - 19.0	803	14.0	10.6 - 17.8 †	704	15.6	12.2 - 19.3
New Jersey	10,386	15.5	14.4 - 16.5	5,192	15.1	13.7 - 16.7	5,194	15.8	14.4 - 17.3
New Mexico	1,968	6.9	5.4 - 8.8 †	1,050	6.0	4.0 - 8.7 †	918	7.8	5.6 - 10.6 †
New York	22,965	15.4	14.7 - 16.1	11,521	14.5	13.5 - 15.5	11,444	16.6	15.6 - 17.6
North Carolina	10,625	13.1	12.2 - 14.1	5,447	11.0	9.6 - 12.4	5,178	15.2	13.9 - 16.7
North Dakota	691	14.5	11.0 - 18.3	374	12.2	8.4 - 16.7	317	12.8	8.3 - 18.3 †
Ohio	12,246	11.4	10.6 - 12.3	6,275	10.0	8.9 - 11.2	5,971	13.0	11.7 - 14.3
Oklahoma	3,473	11.6	10.1 - 13.2	1,786	10.2	8.3 - 12.4	1,687	12.6	10.4 - 14.9
Oregon	4,372	15.0	13.4 - 16.6	2,348	14.5	12.3 - 16.9	2,024	15.6	13.3 - 18.1
Pennsylvania	16,004	14.4	13.6 - 15.3	8,289	13.1	11.9 - 14.2	7,715	16.1	14.9 - 17.5
Rhode Island	1,141	16.7	13.8 - 19.9	595	15.2	11.4 - 19.5	546	17.4	13.2 - 22.2
South Carolina	5,440	11.1	9.8 - 12.4	2,820	9.7	8.1 - 11.5	2,620	12.2	10.5 - 14.2
Tennessee	6,593	11.5	10.4 - 12.7	3,365	10.4	8.8 - 12.0	3,228	12.6	11.0 - 14.3
Texas	21,784	15.0	14.4 - 15.7	11,387	14.7	13.7 - 15.6	10,397	15.5	14.5 - 16.5
Utah	1,953	13.8	11.8 - 15.9	1,073	12.8	10.3 - 15.6	880	14.7	11.6 - 18.1
Vermont	709	16.2	12.1 - 20.7	377	15.4	10.8 - 20.8 †	332	12.5	8.0 - 18.1 †
Washington	7,142	16.8	15.5 - 18.1	3,714	16.2	14.5 - 18.0	3,428	17.4	15.6 - 19.3
WA - Seattle	5,018	15.7	14.2 - 17.3	2,575	14.4	12.4 - 16.5	2,443	17.3	15.1 - 19.6
West Virginia	2,150	8.9	7.2 - 11.0	1,093	9.1	6.6 - 11.9	1,057	8.6	6.1 - 11.6
Wisconsin	6,552	14.3	13.0 - 15.7	3,514	12.9	11.1 - 14.7	3,038	16.7	14.7 - 18.7
Wyoming	491	13.5	9.9 - 17.6 †	271	15.2	10.1 - 21.2 †	220	11.3	6.9 - 17.0 †
NAACCR CDN Combined	25,637	13.4	12.8 - 14.1	13,332	12.7	11.8 - 13.5	12,305	14.4	13.6 - 15.4
Alberta	3,366	14.5	13.0 - 16.2	1,730	14.0	11.9 - 16.2	1,636	15.3	13.1 - 17.6
British Columbia	5,102	11.1	9.8 - 12.5	2,638	10.6	8.9 - 12.5	2,464	11.9	9.9 - 14.0
Manitoba	1,283	13.7	11.0 - 16.7	643	13.3	9.8 - 17.3	640	13.9	10.1 - 18.3
New Brunswick	949	7.0	5.0 - 9.4 †	507	7.4	4.7 - 10.8 †	442	6.4	3.7 - 10.1 †
Newfoundland and Labrador	461	8.1	5.2 - 11.8 †	232	6.3	2.9 - 11.5 †	229	10.0	5.6 - 15.7 †
Ontario	13,300	14.3	13.5 - 15.2	6,952	13.3	12.1 - 14.5	6,348	15.7	14.4 - 17.0
Prince Edward Island	152	13.1	7.7 - 20.1 †	88	16.0	8.6 - 25.5 †	64	8.2	2.1 - 19.7 †
Saskatchewan	1,024	11.9	9.1 - 15.2	542	9.3	6.3 - 13.1 †	482	10.2	6.5 - 14.7
NAACCR N.A. Combined	328,372	13.8	13.6 - 13.9	170,285	12.9	12.7 - 13.1	158,087	14.8	14.6 - 15.1

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-8 Survival – Pancreas

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	80,065	59.9	59.3 - 60.4	63,626	60.8	60.1 - 61.5	16,439	55.6	54.3 - 56.8
Alabama	1,767	56.2	51.8 - 60.3	1,417	58.6	53.5 - 63.3	350	46.2	38.0 - 54.1
Alaska	135	49.5	41.0 - 57.4	112	51.1	42.0 - 59.5	23	*	
Arizona	1,224	56.6	52.2 - 60.8	1,000	56.6	51.5 - 61.5	224	53.0	43.6 - 61.5
Arkansas	1,044	54.2	48.5 - 59.5	803	53.5	46.9 - 59.7	241	52.4	41.0 - 62.6
California	5,634	61.1	59.1 - 63.1	4,665	62.7	60.4 - 64.9	969	53.0	48.2 - 57.5
CA - Greater California	3,359	60.1	57.6 - 62.5	2,747	61.4	58.5 - 64.1	612	52.0	46.3 - 57.4
CA - Greater Bay Area	985	62.9	57.7 - 67.6	829	63.5	57.8 - 68.6	156	60.7	48.6 - 70.7†
CA - Los Angeles	1,290	61.5	57.1 - 65.6	1,089	63.1	58.7 - 67.2	201	51.6	40.7 - 61.4
Colorado	931	62.1	57.1 - 66.7	748	61.4	55.7 - 66.6	183	62.5	51.8 - 71.4
Connecticut	1,075	62.9	57.5 - 67.9	842	63.7	57.9 - 69.0	233	59.5	49.2 - 68.5
Delaware	305	56.0	47.3 - 63.9†	219	57.2	47.1 - 66.1†	86	54.2	39.2 - 67.0†
District of Columbia	149	46.6	33.3 - 59.0	109	56.9	40.6 - 70.2	40	21.7	6.5 - 42.5 †
Florida	7,266	58.5	56.7 - 60.3	5,955	58.8	56.8 - 60.8	1,311	57.1	52.8 - 61.1
Georgia	2,880	58.6	55.4 - 61.7	2,313	60.3	56.7 - 63.8	567	50.7	44.1 - 56.8
Hawaii	260	64.1	55.7 - 71.4†	220	58.8	49.2 - 67.3	40	*	
Idaho	279	60.3	50.3 - 68.9	220	55.3	44.5 - 64.8†	59	65.2	46.2 - 78.9†
Illinois	3,827	61.6	58.9 - 64.0	2,992	62.9	59.9 - 65.7	835	55.5	50.1 - 60.6
Indiana	2,183	61.6	57.7 - 65.1	1,679	60.9	56.3 - 65.1	504	60.5	52.8 - 67.4
Iowa	1,017	57.9	52.4 - 63.0	825	60.6	54.8 - 65.9	192	44.4	33.6 - 54.7
Kansas	742	62.4	56.4 - 67.8	617	61.7	55.1 - 67.6	125	63.5	48.7 - 75.0
Kentucky	2,044	54.3	50.3 - 58.1	1,534	53.4	48.8 - 57.9	510	55.0	48.0 - 61.4
Louisiana	1,942	58.2	54.2 - 62.0	1,522	58.9	54.4 - 63.0	420	54.2	45.7 - 62.0
Maine	501	61.8	55.2 - 67.6	383	63.4	55.2 - 70.5	118	45.0	33.2 - 56.0
Maryland	1,378	61.3	56.7 - 65.6	1,077	63.8	58.8 - 68.4	301	52.2	42.0 - 61.4
MI - Detroit	1,295	59.9	54.6 - 64.8	999	61.8	55.6 - 67.4	296	54.7	46.1 - 62.6†
Minnesota	1,278	65.0	60.6 - 69.0	1,024	67.2	62.4 - 71.5	254	53.0	43.4 - 61.8
Mississippi	1,219	52.3	47.2 - 57.0	986	52.2	46.1 - 57.9	233	53.7	42.9 - 63.4
Missouri	2,097	57.3	53.4 - 61.0	1,613	57.0	52.5 - 61.2	484	57.4	49.5 - 64.5
Montana	255	64.5	54.7 - 72.7	208	64.5	53.9 - 73.3†	47	58.9	39.7 - 73.9†
Nebraska	464	58.6	50.9 - 65.6	360	56.6	48.5 - 63.8	104	58.8	42.4 - 72.0
New Hampshire	391	59.5	51.9 - 66.4	310	58.1	48.3 - 66.7	81	60.3	42.3 - 74.4†
New Jersey	2,226	62.3	58.8 - 65.7	1,786	64.5	60.5 - 68.2	440	51.2	43.0 - 58.7
New Mexico	405	47.7	39.9 - 55.1	328	48.3	39.7 - 56.3	77	42.5	26.8 - 57.4†
New York	5,314	60.3	58.1 - 62.4	4,198	61.1	58.7 - 63.4	1,116	56.2	51.6 - 60.6
North Carolina	3,328	59.8	56.7 - 62.8	2,590	61.1	57.4 - 64.6	738	53.4	47.8 - 58.7
North Dakota	190	60.3	48.6 - 70.1	164	64.1	51.1 - 74.5	26	*	
Ohio	4,054	61.6	58.8 - 64.2	3,118	62.4	59.2 - 65.4	936	56.1	50.9 - 60.9
Oklahoma	1,136	57.5	52.6 - 62.1	850	61.7	55.8 - 67.0	286	46.3	38.1 - 54.1
Oregon	799	67.7	62.2 - 72.5†	653	63.9	57.0 - 69.9	146	62.8	49.1 - 73.7†
Pennsylvania	4,117	62.4	59.8 - 64.9	3,206	63.1	60.0 - 66.0	911	58.4	53.5 - 63.0
Rhode Island	315	63.7	53.9 - 72.0	246	66.3	55.1 - 75.3	69	54.6	35.2 - 70.4
South Carolina	1,836	54.5	50.2 - 58.5	1,495	54.6	49.8 - 59.1	341	51.7	42.5 - 60.2
Tennessee	2,450	56.4	52.7 - 59.9	1,874	56.6	52.2 - 60.8	576	53.8	47.2 - 59.8
Texas	5,770	57.9	55.6 - 60.1	4,749	58.7	56.1 - 61.1	1,021	53.1	48.0 - 58.0
Utah	290	59.8	51.1 - 67.4	241	60.4	50.3 - 69.0	49	56.5	37.3 - 71.8†
Vermont	190	54.9	41.5 - 66.5	143	55.5	40.6 - 68.0	47	63.7	44.6 - 77.8†
Washington	1,341	66.4	62.0 - 70.4	1,078	68.6	63.7 - 72.9	263	56.2	47.5 - 64.1
WA - Seattle	908	65.7	60.0 - 70.7	735	68.7	62.4 - 74.2	173	47.5	36.2 - 58.0†
West Virginia	893	52.1	45.9 - 57.9	677	49.8	42.8 - 56.3	216	55.6	45.1 - 64.9†
Wisconsin	1,693	63.6	59.8 - 67.2	1,379	64.4	60.2 - 68.3	314	57.0	48.5 - 64.6
Wyoming	136	54.0	40.8 - 65.5	99	53.7	38.1 - 67.1	37	*	
NAACCR CDN Combined	5,007	63.2	61.0 - 65.3	4,279	63.7	61.3 - 66.1	728	58.3	53.2 - 63.0
Alberta	543	67.6	61.8 - 72.8	471	66.0	59.4 - 71.8	72	67.4	54.6 - 77.3
British Columbia	829	63.9	59.0 - 68.4	722	64.9	59.5 - 69.7	107	53.7	42.1 - 64.0
Manitoba	216	66.3	55.2 - 75.3	187	64.2	52.7 - 73.6	29	*	
New Brunswick	195	63.9	52.8 - 73.0†	170	63.9	52.0 - 73.6†	25	*	
Newfoundland and Labrador	166	69.6	57.5 - 78.8†	143	69.6	57.1 - 79.1†	23	*	
Ontario	2,833	61.5	58.6 - 64.3	2,396	62.6	59.3 - 65.8	437	54.7	48.3 - 60.7
Prince Edward Island	31	*		26	*		*	*	
Saskatchewan	194	58.7	47.6 - 68.3 †	164	55.9	43.4 - 66.6 †	30	70.8	46.4 - 85.6 †
NAACCR N.A. Combined	85,072	60.0	59.5 - 60.6	67,905	60.9	60.3 - 61.6	17,167	55.7	54.5 - 56.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Lung & Bronchus**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	1,351,208	25.0	24.8 - 25.1	704,772	20.9	20.8 - 21.1	646,436	29.2	29.0 - 29.4
Alabama	26,505	20.0	19.2 - 20.9	15,284	17.1	16.1 - 18.1	11,221	23.9	22.6 - 25.2
Alaska	2,413	22.2	19.3 - 25.1	1,325	19.4	15.9 - 23.1	1,088	23.6	19.2 - 28.2
Arizona	26,128	24.3	23.4 - 25.2	13,349	19.5	18.2 - 20.7	12,779	29.3	28.0 - 30.6
Arkansas	18,697	21.2	20.3 - 22.2	10,544	17.5	16.3 - 18.8	8,153	25.7	24.2 - 27.2
California	112,922	25.4	25.0 - 25.8	56,634	20.6	20.0 - 21.2	56,288	30.1	29.5 - 30.7
CA - Greater California	67,071	24.4	23.8 - 25.0	33,231	19.7	18.9 - 20.5	33,840	28.9	28.1 - 29.7
CA - Greater Bay Area	21,264	28.7	27.7 - 29.7	10,656	23.7	22.4 - 25.1	10,608	33.6	32.2 - 35.1
CA - Los Angeles	24,613	25.2	24.3 - 26.1	12,758	20.4	19.2 - 21.6	11,855	30.1	28.8 - 31.4
Colorado	15,505	28.3	27.2 - 29.5	7,602	23.8	22.2 - 25.4	7,903	32.6	30.9 - 34.2
Connecticut	18,122	30.5	29.4 - 31.7	8,773	26.6	24.9 - 28.2	9,349	34.3	32.7 - 35.8
Delaware	5,504	26.0	24.2 - 27.9	2,756	22.7	20.3 - 25.2	2,748	29.4	26.7 - 32.1
District of Columbia	2,119	27.7	24.8 - 30.6	1,023	21.9	18.1 - 26.0	1,096	32.9	28.8 - 36.9
Florida	113,445	26.5	26.0 - 26.9	59,711	22.3	21.8 - 22.9	53,734	30.9	30.3 - 31.5
Georgia	45,055	22.5	21.8 - 23.1	24,925	18.5	17.6 - 19.3	20,130	27.2	26.3 - 28.2
Hawaii	5,482	21.6	19.8 - 23.6	3,102	18.4	16.0 - 20.9	2,380	25.7	22.8 - 28.7
Idaho	6,240	23.7	21.7 - 25.7	3,197	19.6	16.9 - 22.5	3,043	28.0	25.4 - 30.7
Illinois	62,770	25.7	25.2 - 26.3	32,009	21.9	21.1 - 22.7	30,761	29.7	28.9 - 30.5
Indiana	37,543	22.7	22.0 - 23.4	20,020	18.9	18.0 - 19.8	17,523	26.9	25.9 - 27.9
Iowa	16,418	22.6	21.5 - 23.7	8,835	19.4	17.9 - 20.9	7,583	26.2	24.5 - 27.8
Kansas	13,114	25.1	23.8 - 26.4	6,894	20.9	19.1 - 22.8	6,220	29.4	27.5 - 31.3
Kentucky	32,888	20.4	19.7 - 21.1	17,580	17.2	16.2 - 18.2	15,308	23.7	22.6 - 24.8
Louisiana	23,856	20.7	19.9 - 21.6	13,370	17.7	16.6 - 18.8	10,486	24.4	23.1 - 25.7
Maine	9,173	23.8	22.4 - 25.3	4,667	18.8	17.0 - 20.7	4,506	28.7	26.7 - 30.7
Maryland	24,918	26.8	25.9 - 27.7	12,166	22.4	21.2 - 23.6	12,752	31.0	29.8 - 32.3
MI - Detroit	21,246	23.8	22.8 - 24.7	10,507	20.3	19.0 - 21.6	10,739	27.2	25.8 - 28.6
Minnesota	23,991	29.7	28.8 - 30.7	12,121	25.4	24.2 - 26.7	11,870	33.9	32.5 - 35.3
Mississippi	17,931	20.4	19.4 - 21.4	10,353	17.5	16.3 - 18.7	7,578	24.1	22.6 - 25.7
Missouri	35,883	23.1	22.4 - 23.8	18,820	19.2	18.3 - 20.2	17,063	27.3	26.2 - 28.4
Montana	4,827	24.2	22.1 - 26.4	2,327	21.5	18.6 - 24.5	2,500	26.8	23.6 - 30.1
Nebraska	8,417	23.2	21.7 - 24.7	4,436	21.1	19.0 - 23.3	3,981	25.7	23.6 - 27.8
New Hampshire	7,386	26.9	25.3 - 28.7	3,563	21.7	19.4 - 24.0	3,823	31.6	29.2 - 34.0
New Jersey	39,559	28.5	27.8 - 29.3	19,041	23.5	22.5 - 24.5	20,518	33.1	32.1 - 34.2
New Mexico	6,407	23.3	21.5 - 25.0	3,341	20.4	18.0 - 22.8	3,066	26.5	24.1 - 29.1
New York	92,891	29.9	29.5 - 30.4	45,832	25.1	24.5 - 25.8	47,059	34.5	33.9 - 35.2
North Carolina	54,658	24.6	24.0 - 25.2	29,494	20.8	20.0 - 21.6	25,164	29.0	28.1 - 29.9
North Dakota	3,305	26.0	23.4 - 28.6	1,756	21.3	17.8 - 25.0	1,549	30.9	27.2 - 34.7
Ohio	64,273	23.1	22.6 - 23.7	33,808	19.9	19.2 - 20.6	30,465	26.7	25.9 - 27.5
Oklahoma	19,987	19.7	18.7 - 20.6	10,720	17.2	15.9 - 18.5	9,267	22.4	21.0 - 23.8
Oregon	17,988	28.5	27.4 - 29.6	8,954	25.0	23.5 - 26.5	9,034	31.9	30.3 - 33.4
Pennsylvania	70,670	26.8	26.3 - 27.4	36,434	22.1	21.3 - 22.8	34,236	31.6	30.8 - 32.4
Rhode Island	6,148	30.8	29.0 - 32.7	2,986	25.5	22.9 - 28.1	3,162	35.7	33.1 - 38.4
South Carolina	26,615	22.7	21.9 - 23.5	14,711	18.2	17.1 - 19.2	11,904	27.9	26.7 - 29.2
Tennessee	39,735	22.3	21.6 - 22.9	21,580	19.1	18.2 - 20.0	18,155	25.8	24.8 - 26.8
Texas	88,783	23.5	23.1 - 24.0	48,190	20.4	19.8 - 21.1	40,593	27.1	26.4 - 27.8
Utah	4,558	24.3	22.3 - 26.3	2,472	18.6	16.0 - 21.3	2,086	30.2	27.4 - 33.0
Vermont	3,501	28.1	25.7 - 30.6	1,787	25.7	22.7 - 28.9	1,714	30.4	26.9 - 34.0
Washington	29,067	28.2	27.4 - 29.0	14,462	24.3	23.2 - 25.5	14,605	31.9	30.7 - 33.1
WA - Seattle	20,325	28.1	27.1 - 29.1	10,070	23.5	22.1 - 25.0	10,255	32.4	30.9 - 33.8
West Virginia	14,082	20.4	19.3 - 21.6	7,630	16.8	15.3 - 18.3	6,452	24.6	22.8 - 26.4
Wisconsin	28,501	26.1	25.3 - 27.0	14,684	22.0	20.9 - 23.2	13,817	30.3	29.1 - 31.6
Wyoming	1,982	23.4	20.5 - 26.5	997	23.3	19.0 - 27.8	985	23.9	20.0 - 28.0
NAACCR CDN Combined	124,738	24.4	24.0 - 24.8	62,566	20.6	20.0 - 21.1	62,172	28.1	27.6 - 28.7
Alberta	15,162	24.4	23.3 - 25.5	7,492	19.8	18.4 - 21.4	7,670	28.7	27.1 - 30.3
British Columbia	22,743	23.7	22.7 - 24.7	11,114	21.0	19.6 - 22.5	11,629	26.3	25.0 - 27.8
Manitoba	6,161	24.6	22.8 - 26.4	2,969	20.8	18.4 - 23.3	3,192	28.2	25.6 - 30.8
New Brunswick	5,532	25.8	23.7 - 28.0	3,010	21.9	19.0 - 25.0	2,522	29.8	26.7 - 33.0
Newfoundland and Labrador	3,405	26.1	23.6 - 28.6	1,870	19.7	17.0 - 22.5†	1,535	30.3	26.8 - 33.9
Ontario	65,420	24.8	24.3 - 25.4	33,029	20.9	20.1 - 21.7	32,391	28.7	27.9 - 29.5
Prince Edward Island	959	20.1	16.4 - 24.1†	487	13.1	8.8 - 18.4†	472	26.9	21.3 - 32.9†
Saskatchewan	5,356	20.5	18.6 - 22.4	2,595	16.4	14.0 - 19.0	2,761	24.4	21.6 - 27.3
NAACCR N.A. Combined	1,475,946	24.9	24.8 - 25.0	767,338	20.9	20.7 - 21.1	708,608	29.1	29.0 - 29.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-10 Survival – Lung & Bronchus

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Melanoma of the Skin**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	494,463	92.6	92.4 - 92.7	290,028	90.9	90.7 - 91.1	204,435	94.2	94.0 - 94.4
Alabama	8,302	91.4	90.1 - 92.4	4,867	90.2	88.4 - 91.7	3,435	91.9	89.9 - 93.5
Alaska	676	89.2	84.6 - 92.4	381	86.8	80.4 - 91.2	295	90.3	84.3 - 94.1
Arizona	13,226	90.9	89.9 - 91.9	8,412	89.0	87.4 - 90.4	4,814	93.0	91.5 - 94.3
Arkansas	5,031	92.0	90.4 - 93.3	3,051	90.3	87.9 - 92.2	1,980	92.7	90.5 - 94.4
California	61,291	92.5	92.0 - 92.8	36,686	90.8	90.2 - 91.4	24,605	94.2	93.6 - 94.8
CA - Greater California	38,345	92.0	91.4 - 92.5	22,956	90.1	89.2 - 90.8	15,389	94.0	93.3 - 94.7
CA - Greater Bay Area	13,699	95.3	94.5 - 96.0	8,133	94.1	92.8 - 95.2	5,566	96.2	95.0 - 97.1
CA - Los Angeles	9,289	89.8	88.6 - 90.8	5,629	88.3	86.6 - 89.7	3,660	91.5	89.7 - 92.9
Colorado	8,615	91.6	90.6 - 92.6	4,951	89.6	88.0 - 91.0	3,664	93.6	91.9 - 95.0
Connecticut	5,950	93.3	91.9 - 94.4	3,419	91.8	89.8 - 93.5	2,531	94.6	92.6 - 96.1
Delaware	2,280	92.7	90.3 - 94.5	1,365	89.9	85.7 - 92.9	915	94.5	91.5 - 96.4
District of Columbia	436	91.8	87.0 - 94.9	267	91.3	85.2 - 95.0	169	90.4	81.5 - 95.2
Florida	43,766	91.1	90.6 - 91.6	27,375	89.2	88.3 - 89.9	16,391	93.3	92.5 - 94.0
Georgia	18,164	94.1	93.3 - 94.8	10,729	93.1	91.9 - 94.1	7,435	95.0	93.9 - 95.9
Hawaii	2,415	94.6	92.5 - 96.2	1,530	92.4	89.4 - 94.6	885	96.4	93.6 - 98.1
Idaho	3,381	91.8	89.9 - 93.3	1,990	89.4	86.8 - 91.5	1,391	94.1	91.1 - 96.2
Illinois	19,443	93.3	92.5 - 94.0	10,864	91.3	90.1 - 92.3	8,579	94.9	93.8 - 95.7
Indiana	10,516	90.4	89.3 - 91.3	5,881	88.0	86.4 - 89.4	4,635	92.2	90.7 - 93.5
Iowa	6,546	93.0	91.8 - 94.1	3,558	91.1	89.2 - 92.7	2,988	94.3	92.4 - 95.7
Kansas	5,640	93.8	92.3 - 95.0	3,227	92.7	90.6 - 94.4	2,413	93.7	91.3 - 95.4
Kentucky	9,010	90.3	89.0 - 91.4	5,118	87.8	85.8 - 89.5	3,892	92.3	90.4 - 93.9
Louisiana	5,992	91.7	90.2 - 92.9	3,704	89.8	87.6 - 91.6	2,288	93.2	91.0 - 94.9
Maine	3,085	94.3	92.4 - 95.7	1,644	92.2	88.9 - 94.5	1,441	95.1	92.5 - 96.8
Maryland	10,391	95.5	94.6 - 96.3	6,115	93.7	92.1 - 95.0	4,276	96.7	95.3 - 97.7
MI - Detroit	5,391	92.7	91.2 - 93.9	3,068	90.6	88.4 - 92.4	2,323	94.7	92.7 - 96.2
Minnesota	13,199	95.8	95.1 - 96.5	7,327	95.0	93.9 - 95.9	5,872	96.6	95.7 - 97.4
Mississippi	3,934	90.5	88.7 - 92.0	2,370	87.5	84.7 - 89.9	1,564	92.7	89.9 - 94.7
Missouri	8,923	90.0	88.8 - 91.1	5,297	87.8	86.2 - 89.3	3,626	91.8	89.8 - 93.4
Montana	2,279	89.4	86.8 - 91.5	1,301	88.0	84.0 - 91.0	978	89.6	85.8 - 92.5
Nebraska	3,567	92.8	91.1 - 94.2	1,901	91.6	89.1 - 93.5	1,666	92.9	90.2 - 94.9
New Hampshire	3,435	93.7	91.7 - 95.2	1,926	92.4	89.6 - 94.4	1,509	94.7	91.9 - 96.6
New Jersey	15,245	93.2	92.4 - 93.9	8,772	92.0	90.7 - 93.1	6,473	94.2	93.1 - 95.2
New Mexico	2,556	86.9	84.1 - 89.2	1,531	83.6	79.1 - 87.3	1,025	89.0	85.2 - 91.8
New York	27,409	92.4	91.8 - 93.0	15,683	91.1	90.1 - 91.9	11,726	93.4	92.6 - 94.1
North Carolina	19,516	94.1	93.3 - 94.7	11,534	93.3	92.2 - 94.3	7,982	94.4	93.3 - 95.4
North Dakota	1,255	91.2	88.1 - 93.6	667	87.0	82.5 - 90.4	588	95.2	90.2 - 97.7
Ohio	21,162	92.7	92.0 - 93.4	11,907	90.7	89.5 - 91.7	9,255	94.4	93.4 - 95.3
Oklahoma	6,024	88.7	87.1 - 90.1	3,676	85.7	83.2 - 87.9	2,348	90.7	88.5 - 92.6
Oregon	8,554	95.0	93.9 - 95.9	4,779	93.4	91.8 - 94.7	3,775	96.1	94.8 - 97.1
Pennsylvania	24,735	93.0	92.3 - 93.5	14,291	91.3	90.3 - 92.2	10,444	94.5	93.6 - 95.3
Rhode Island	1,893	93.0	90.8 - 94.7	1,050	91.4	87.4 - 94.2	843	93.4	90.1 - 95.6
South Carolina	9,020	93.6	92.6 - 94.5	5,366	91.9	90.3 - 93.3	3,654	94.9	93.4 - 96.0
Tennessee	10,426	91.0	89.8 - 92.0	6,169	88.5	86.8 - 90.0	4,257	93.3	91.7 - 94.7
Texas	23,871	88.2	87.4 - 88.9	14,583	86.3	85.2 - 87.3	9,288	89.8	88.7 - 90.8
Utah	6,858	95.4	94.2 - 96.4	3,987	93.9	92.2 - 95.3	2,871	97.0	94.7 - 98.3
Vermont	1,921	95.4	92.4 - 97.3	1,083	93.4	88.8 - 96.2	838	96.8	93.4 - 98.4
Washington	13,878	94.2	93.4 - 94.9	7,803	93.0	91.7 - 94.0	6,075	95.1	94.0 - 96.0
WA - Seattle	10,646	95.2	94.3 - 95.9	5,950	93.9	92.4 - 95.0	4,696	96.0	94.8 - 96.9
West Virginia	3,365	90.1	88.0 - 91.8	1,981	87.3	84.1 - 90.0	1,384	91.2	88.6 - 93.3
Wisconsin	10,852	93.1	92.1 - 93.9	6,249	91.8	90.2 - 93.0	4,603	93.8	92.4 - 95.0
Wyoming	1,039	90.2	86.4 - 93.0	593	86.1	80.2 - 90.4	446	90.2	85.1 - 93.7
NAACCR CDN Combined	41,473	89.8	89.3 - 90.3	22,746	87.7	87.0 - 88.5	18,727	92.1	91.4 - 92.7
Alberta	4,819	91.0	89.5 - 92.3	2,528	89.5	87.2 - 91.4	2,291	93.0	90.8 - 94.6
British Columbia	7,548	91.0	89.8 - 92.0	4,141	89.6	88.0 - 91.1	3,407	92.2	90.7 - 93.5
Manitoba	1,629	90.6	87.9 - 92.7	887	86.2	81.4 - 89.8	742	94.4	90.3 - 96.7
New Brunswick	1,350	91.5	88.4 - 93.7	702	88.6	83.1 - 92.5	648	92.8	88.8 - 95.3
Newfoundland and Labrador	728	89.6	85.2 - 92.8	382	89.6	83.8 - 93.5	346	88.6	81.6 - 93.1
Ontario	23,745	88.9	88.2 - 89.5	13,247	86.4	85.3 - 87.4	10,498	91.4	90.5 - 92.2
Prince Edward Island	391	88.8	83.0 - 92.8	203	87.5	77.7 - 93.2	188	89.2	80.8 - 94.1
Saskatchewan	1,263	88.6	85.5 - 91.1	656	84.7	79.4 - 88.7	607	92.1	87.4 - 95.1
NAACCR N.A. Combined	535,936	92.4	92.2 - 92.5	312,774	90.7	90.5 - 90.9	223,162	94.0	93.8 - 94.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Female Breast

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		1,526,050	89.6	89.5 - 89.7
Alabama	N/A	N/A		N/A	N/A		25,429	87.6	86.6 - 88.4
Alaska	N/A	N/A		N/A	N/A		2,926	87.5	84.1 - 90.2
Arizona	N/A	N/A		N/A	N/A		31,921	89.9	89.2 - 90.7
Arkansas	N/A	N/A		N/A	N/A		14,756	88.9	87.5 - 90.1
California	N/A	N/A		N/A	N/A		180,005	89.8	89.4 - 90.1
CA - Greater California	N/A	N/A		N/A	N/A		99,459	89.5	89.1 - 90.0
CA - Greater Bay Area	N/A	N/A		N/A	N/A		36,352	91.5	90.7 - 92.2
CA - Los Angeles	N/A	N/A		N/A	N/A		44,236	88.8	88.0 - 89.5
Colorado	N/A	N/A		N/A	N/A		26,103	91.8	90.8 - 92.6
Connecticut	N/A	N/A		N/A	N/A		21,943	90.9	89.9 - 91.8
Delaware	N/A	N/A		N/A	N/A		5,623	88.6	86.5 - 90.4
District of Columbia	N/A	N/A		N/A	N/A		3,326	84.5	81.6 - 87.0
Florida	N/A	N/A		N/A	N/A		112,945	89.0	88.6 - 89.4
Georgia	N/A	N/A		N/A	N/A		50,163	87.9	87.1 - 88.6
Hawaii	N/A	N/A		N/A	N/A		8,260	89.4	87.8 - 90.8
Idaho	N/A	N/A		N/A	N/A		8,075	88.8	87.0 - 90.4
Illinois	N/A	N/A		N/A	N/A		68,777	89.6	89.1 - 90.2
Indiana	N/A	N/A		N/A	N/A		33,619	89.8	88.9 - 90.5
Iowa	N/A	N/A		N/A	N/A		16,622	91.1	89.9 - 92.1
Kansas	N/A	N/A		N/A	N/A		14,842	91.9	90.6 - 93.0
Kentucky	N/A	N/A		N/A	N/A		23,714	88.3	87.2 - 89.3
Louisiana	N/A	N/A		N/A	N/A		23,593	87.3	86.2 - 88.3
Maine	N/A	N/A		N/A	N/A		8,120	92.3	90.6 - 93.7
Maryland	N/A	N/A		N/A	N/A		32,711	89.8	88.9 - 90.6
MI - Detroit	N/A	N/A		N/A	N/A		22,331	89.0	88.1 - 89.9
Minnesota	N/A	N/A		N/A	N/A		29,274	92.6	91.8 - 93.4
Mississippi	N/A	N/A		N/A	N/A		14,753	86.2	84.8 - 87.5
Missouri	N/A	N/A		N/A	N/A		33,127	90.2	89.4 - 91.0
Montana	N/A	N/A		N/A	N/A		5,763	89.3	86.9 - 91.3
Nebraska	N/A	N/A		N/A	N/A		9,559	89.8	88.3 - 91.2
New Hampshire	N/A	N/A		N/A	N/A		8,516	92.5	90.8 - 94.0
New Jersey	N/A	N/A		N/A	N/A		51,516	88.8	88.1 - 89.4
New Mexico	N/A	N/A		N/A	N/A		9,719	87.2	85.7 - 88.6
New York	N/A	N/A		N/A	N/A		109,282	89.3	88.8 - 89.7
North Carolina	N/A	N/A		N/A	N/A		57,248	89.6	89.0 - 90.2
North Dakota	N/A	N/A		N/A	N/A		3,575	92.2	89.9 - 94.0
Ohio	N/A	N/A		N/A	N/A		64,181	90.4	89.8 - 90.9
Oklahoma	N/A	N/A		N/A	N/A		18,724	88.1	86.8 - 89.2
Oregon	N/A	N/A		N/A	N/A		22,051	92.5	91.4 - 93.4
Pennsylvania	N/A	N/A		N/A	N/A		75,072	89.5	89.0 - 90.0
Rhode Island	N/A	N/A		N/A	N/A		6,385	93.8	92.1 - 95.2
South Carolina	N/A	N/A		N/A	N/A		27,501	88.2	87.3 - 89.1
Tennessee	N/A	N/A		N/A	N/A		34,664	89.0	88.1 - 89.8
Texas	N/A	N/A		N/A	N/A		112,339	88.7	88.2 - 89.2
Utah	N/A	N/A		N/A	N/A		10,374	89.1	87.8 - 90.3
Vermont	N/A	N/A		N/A	N/A		3,701	92.1	89.7 - 93.9
Washington	N/A	N/A		N/A	N/A		38,354	92.1	91.3 - 92.8
WA - Seattle	N/A	N/A		N/A	N/A		27,521	92.2	91.3 - 93.0
West Virginia	N/A	N/A		N/A	N/A		10,193	89.0	87.6 - 90.2
Wisconsin	N/A	N/A		N/A	N/A		31,815	91.2	90.4 - 92.0
Wyoming	N/A	N/A		N/A	N/A		2,560	90.0	87.0 - 92.4
NAACCR CDN Combined	N/A	N/A		N/A	N/A		133,722	88.1	87.7 - 88.5
Alberta	N/A	N/A		N/A	N/A		18,046	89.7	88.6 - 90.7
British Columbia	N/A	N/A		N/A	N/A		23,840	88.2	87.3 - 89.0
Manitoba	N/A	N/A		N/A	N/A		6,018	87.7	85.8 - 89.3
New Brunswick	N/A	N/A		N/A	N/A		4,161	89.1	87.2 - 90.7
Newfoundland and Labrador	N/A	N/A		N/A	N/A		3,076	86.4	83.4 - 88.9
Ontario	N/A	N/A		N/A	N/A		72,640	87.8	87.3 - 88.3
Prince Edward Island	N/A	N/A		N/A	N/A		812	87.4	81.5 - 91.5
Saskatchewan	N/A	N/A		N/A	N/A		5,129	86.6	84.6 - 88.4
NAACCR N.A. Combined	N/A	N/A		N/A	N/A		1,659,772	89.5	89.4 - 89.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-12 Survival – Female Breast

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		83,219	61.5	61.0 - 62.0
Alabama	N/A	N/A		N/A	N/A		1,639	56.0	52.6 - 59.2
Alaska	N/A	N/A		N/A	N/A		184	59.5	47.2 - 69.9
Arizona	N/A	N/A		N/A	N/A		1,550	61.5	57.8 - 64.9
Arkansas	N/A	N/A		N/A	N/A		1,013	59.2	54.6 - 63.5
California	N/A	N/A		N/A	N/A		10,207	60.7	59.3 - 62.1
CA - Greater California	N/A	N/A		N/A	N/A		5,730	60.4	58.4 - 62.2
CA - Greater Bay Area	N/A	N/A		N/A	N/A		1,594	68.5	65.1 - 71.7
CA - Los Angeles	N/A	N/A		N/A	N/A		2,884	56.3	53.5 - 59.0
Colorado	N/A	N/A		N/A	N/A		1,178	69.5	65.2 - 73.3
Connecticut	N/A	N/A		N/A	N/A		844	66.8	62.3 - 70.9
Delaware	N/A	N/A		N/A	N/A		285	68.0	60.8 - 74.2†
District of Columbia	N/A	N/A		N/A	N/A		200	58.3	49.0 - 66.5
Florida	N/A	N/A		N/A	N/A		6,996	62.1	60.5 - 63.7
Georgia	N/A	N/A		N/A	N/A		2,872	56.4	53.5 - 59.2
Hawaii	N/A	N/A		N/A	N/A		358	64.2	57.3 - 70.3
Idaho	N/A	N/A		N/A	N/A		374	74.1	67.7 - 79.4†
Illinois	N/A	N/A		N/A	N/A		3,605	61.3	58.9 - 63.5
Indiana	N/A	N/A		N/A	N/A		1,906	61.3	58.0 - 64.4
Iowa	N/A	N/A		N/A	N/A		803	63.3	58.5 - 67.7
Kansas	N/A	N/A		N/A	N/A		778	58.8	52.0 - 64.9
Kentucky	N/A	N/A		N/A	N/A		1,497	59.9	55.7 - 63.8
Louisiana	N/A	N/A		N/A	N/A		1,493	56.1	52.4 - 59.6
Maine	N/A	N/A		N/A	N/A		284	60.3	54.0 - 66.0
Maryland	N/A	N/A		N/A	N/A		1,496	64.3	61.0 - 67.5
MI - Detroit	N/A	N/A		N/A	N/A		998	54.2	49.7 - 58.6
Minnesota	N/A	N/A		N/A	N/A		1,059	68.4	63.6 - 72.8
Mississippi	N/A	N/A		N/A	N/A		1,011	54.4	50.1 - 58.5
Missouri	N/A	N/A		N/A	N/A		1,820	59.4	55.8 - 62.9
Montana	N/A	N/A		N/A	N/A		245	66.2	56.4 - 74.4
Nebraska	N/A	N/A		N/A	N/A		476	56.5	49.3 - 63.1
New Hampshire	N/A	N/A		N/A	N/A		246	66.5	58.6 - 73.2†
New Jersey	N/A	N/A		N/A	N/A		2,654	59.8	57.2 - 62.2
New Mexico	N/A	N/A		N/A	N/A		571	62.2	55.6 - 68.1
New York	N/A	N/A		N/A	N/A		5,872	61.8	60.1 - 63.5
North Carolina	N/A	N/A		N/A	N/A		2,684	62.5	59.9 - 65.0
North Dakota	N/A	N/A		N/A	N/A		140	66.5	54.4 - 76.1
Ohio	N/A	N/A		N/A	N/A		3,233	62.4	59.8 - 64.9
Oklahoma	N/A	N/A		N/A	N/A		1,240	58.7	54.0 - 63.0
Oregon	N/A	N/A		N/A	N/A		977	65.8	60.8 - 70.3
Pennsylvania	N/A	N/A		N/A	N/A		3,528	62.7	60.5 - 64.8
Rhode Island	N/A	N/A		N/A	N/A		288	71.1	62.7 - 78.0
South Carolina	N/A	N/A		N/A	N/A		1,405	58.8	55.0 - 62.3
Tennessee	N/A	N/A		N/A	N/A		2,092	58.4	55.1 - 61.4
Texas	N/A	N/A		N/A	N/A		8,734	60.8	59.2 - 62.4
Utah	N/A	N/A		N/A	N/A		481	65.8	58.3 - 72.2
Vermont	N/A	N/A		N/A	N/A		96	70.0	57.8 - 79.3
Washington	N/A	N/A		N/A	N/A		1,692	68.4	64.8 - 71.7
WA - Seattle	N/A	N/A		N/A	N/A		1,215	66.3	62.0 - 70.3
West Virginia	N/A	N/A		N/A	N/A		642	59.9	54.5 - 64.9
Wisconsin	N/A	N/A		N/A	N/A		1,331	65.3	61.4 - 68.9
Wyoming	N/A	N/A		N/A	N/A		142	70.7	58.3 - 79.9
NAACCR CDN Combined	N/A	N/A		N/A	N/A		7,520	68.0	66.4 - 69.6
Alberta	N/A	N/A		N/A	N/A		1,177	67.1	62.3 - 71.5
British Columbia	N/A	N/A		N/A	N/A		1,269	70.5	66.8 - 73.9
Manitoba	N/A	N/A		N/A	N/A		339	65.8	58.1 - 72.4
New Brunswick	N/A	N/A		N/A	N/A		204	67.2	58.3 - 74.6
Newfoundland and Labrador	N/A	N/A		N/A	N/A		197	62.4	52.7 - 70.7
Ontario	N/A	N/A		N/A	N/A		3,942	68.1	65.9 - 70.2
Prince Edward Island	N/A	N/A		N/A	N/A		47	63.3	41.6 - 78.8†
Saskatchewan	N/A	N/A		N/A	N/A		345	67.6	60.4 - 73.8 †
NAACCR N.A. Combined	N/A	N/A		N/A	N/A		90,739	62.1	61.6 - 62.5

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		351,351	77.9	77.6 - 78.2
Alabama	N/A	N/A		N/A	N/A		4,454	74.7	72.2 - 77.0
Alaska	N/A	N/A		N/A	N/A		656	81.6	73.7 - 87.3
Arizona	N/A	N/A		N/A	N/A		6,837	78.7	76.8 - 80.5
Arkansas	N/A	N/A		N/A	N/A		3,163	76.1	73.3 - 78.8
California	N/A	N/A		N/A	N/A		41,117	76.9	76.1 - 77.6
CA - Greater California	N/A	N/A		N/A	N/A		22,276	77.8	76.7 - 78.8
CA - Greater Bay Area	N/A	N/A		N/A	N/A		8,087	77.0	75.2 - 78.7
CA - Los Angeles	N/A	N/A		N/A	N/A		10,759	74.4	72.9 - 75.9
Colorado	N/A	N/A		N/A	N/A		5,087	80.3	78.0 - 82.3
Connecticut	N/A	N/A		N/A	N/A		5,134	81.3	79.3 - 83.1
Delaware	N/A	N/A		N/A	N/A		1,378	78.6	74.7 - 81.9
District of Columbia	N/A	N/A		N/A	N/A		743	69.3	63.2 - 74.6
Florida	N/A	N/A		N/A	N/A		24,686	76.3	75.3 - 77.2
Georgia	N/A	N/A		N/A	N/A		10,137	73.3	71.5 - 75.0
Hawaii	N/A	N/A		N/A	N/A		1,933	75.0	70.9 - 78.7
Idaho	N/A	N/A		N/A	N/A		1,734	72.6	68.6 - 76.3
Illinois	N/A	N/A		N/A	N/A		16,879	77.1	75.9 - 78.3
Indiana	N/A	N/A		N/A	N/A		8,152	79.8	78.1 - 81.4
Iowa	N/A	N/A		N/A	N/A		4,366	82.2	80.2 - 83.9
Kansas	N/A	N/A		N/A	N/A		3,236	79.7	76.7 - 82.4
Kentucky	N/A	N/A		N/A	N/A		5,408	79.2	76.7 - 81.4
Louisiana	N/A	N/A		N/A	N/A		4,103	70.2	67.7 - 72.7
Maine	N/A	N/A		N/A	N/A		2,265	82.8	79.1 - 85.9
Maryland	N/A	N/A		N/A	N/A		7,510	74.0	72.1 - 75.8
MI - Detroit	N/A	N/A		N/A	N/A		5,517	75.1	72.9 - 77.2
Minnesota	N/A	N/A		N/A	N/A		7,396	82.9	81.1 - 84.6
Mississippi	N/A	N/A		N/A	N/A		2,916	67.3	63.9 - 70.4
Missouri	N/A	N/A		N/A	N/A		7,482	79.0	77.1 - 80.7
Montana	N/A	N/A		N/A	N/A		1,261	80.9	76.4 - 84.6
Nebraska	N/A	N/A		N/A	N/A		2,179	80.1	76.6 - 83.2
New Hampshire	N/A	N/A		N/A	N/A		2,087	80.7	77.0 - 83.8
New Jersey	N/A	N/A		N/A	N/A		13,304	76.9	75.5 - 78.2
New Mexico	N/A	N/A		N/A	N/A		2,210	76.9	73.1 - 80.2
New York	N/A	N/A		N/A	N/A		28,612	76.5	75.6 - 77.3
North Carolina	N/A	N/A		N/A	N/A		11,549	78.3	76.8 - 79.7
North Dakota	N/A	N/A		N/A	N/A		751	79.7	74.9 - 83.7
Ohio	N/A	N/A		N/A	N/A		16,428	79.2	77.9 - 80.4
Oklahoma	N/A	N/A		N/A	N/A		3,738	78.0	75.1 - 80.7
Oregon	N/A	N/A		N/A	N/A		5,307	83.4	80.8 - 85.6
Pennsylvania	N/A	N/A		N/A	N/A		20,365	79.5	78.4 - 80.6
Rhode Island	N/A	N/A		N/A	N/A		1,534	77.9	73.9 - 81.4
South Carolina	N/A	N/A		N/A	N/A		5,414	72.8	70.5 - 74.9
Tennessee	N/A	N/A		N/A	N/A		7,334	79.6	77.7 - 81.3
Texas	N/A	N/A		N/A	N/A		23,381	76.6	75.4 - 77.7
Utah	N/A	N/A		N/A	N/A		2,552	76.8	73.8 - 79.6
Vermont	N/A	N/A		N/A	N/A		1,105	83.1	78.5 - 86.8
Washington	N/A	N/A		N/A	N/A		8,119	83.3	81.9 - 84.7
WA - Seattle	N/A	N/A		N/A	N/A		5,750	82.5	80.7 - 84.1
West Virginia	N/A	N/A		N/A	N/A		2,893	82.5	79.4 - 85.1
Wisconsin	N/A	N/A		N/A	N/A		8,369	80.9	79.2 - 82.5
Wyoming	N/A	N/A		N/A	N/A		570	81.3	72.8 - 87.4
NAACCR CDN Combined	N/A	N/A		N/A	N/A		33,447	79.8	79.0 - 80.6
Alberta	N/A	N/A		N/A	N/A		4,265	80.1	77.6 - 82.4
British Columbia	N/A	N/A		N/A	N/A		5,531	80.6	78.7 - 82.4
Manitoba	N/A	N/A		N/A	N/A		1,883	80.4	76.9 - 83.3
New Brunswick	N/A	N/A		N/A	N/A		1,076	80.0	75.6 - 83.7
Newfoundland and Labrador	N/A	N/A		N/A	N/A		818	78.7	71.8 - 84.1
Ontario	N/A	N/A		N/A	N/A		18,452	78.9	77.8 - 79.9
Prince Edward Island	N/A	N/A		N/A	N/A		181	76.0	64.9 - 84.0
Saskatchewan	N/A	N/A		N/A	N/A		1,241	83.4	78.7 - 87.1
NAACCR N.A. Combined	N/A	N/A		N/A	N/A		384,798	78.1	77.8 - 78.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-14 Survival – Corpus & Uterus, NOS

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		133,707	44.5	44.1 - 44.9
Alabama	N/A	N/A		N/A	N/A		2,331	40.8	38.0 - 43.6
Alaska	N/A	N/A		N/A	N/A		238	45.5	35.9 - 54.5
Arizona	N/A	N/A		N/A	N/A		2,936	44.5	41.9 - 47.0
Arkansas	N/A	N/A		N/A	N/A		1,345	40.0	36.1 - 43.8
California	N/A	N/A		N/A	N/A		16,913	44.5	43.4 - 45.6
CA - Greater California	N/A	N/A		N/A	N/A		9,139	43.7	42.2 - 45.2
CA - Greater Bay Area	N/A	N/A		N/A	N/A		3,189	46.9	44.4 - 49.4
CA - Los Angeles	N/A	N/A		N/A	N/A		4,585	44.5	42.3 - 46.7
Colorado	N/A	N/A		N/A	N/A		2,116	48.7	45.6 - 51.8
Connecticut	N/A	N/A		N/A	N/A		1,797	48.4	45.1 - 51.6
Delaware	N/A	N/A		N/A	N/A		452	42.8	36.4 - 49.1
District of Columbia	N/A	N/A		N/A	N/A		288	44.2	35.8 - 52.3
Florida	N/A	N/A		N/A	N/A		10,695	44.6	43.2 - 45.9
Georgia	N/A	N/A		N/A	N/A		4,212	41.1	38.9 - 43.2
Hawaii	N/A	N/A		N/A	N/A		555	48.4	42.2 - 54.3
Idaho	N/A	N/A		N/A	N/A		724	39.0	34.2 - 43.8
Illinois	N/A	N/A		N/A	N/A		5,835	45.4	43.5 - 47.2
Indiana	N/A	N/A		N/A	N/A		2,871	41.9	39.3 - 44.4
Iowa	N/A	N/A		N/A	N/A		1,420	44.5	41.1 - 47.9
Kansas	N/A	N/A		N/A	N/A		1,250	46.8	42.9 - 50.6
Kentucky	N/A	N/A		N/A	N/A		1,852	40.7	37.6 - 43.7
Louisiana	N/A	N/A		N/A	N/A		1,764	39.9	36.7 - 43.1
Maine	N/A	N/A		N/A	N/A		596	48.7	43.3 - 53.9
Maryland	N/A	N/A		N/A	N/A		2,696	42.4	39.7 - 45.1
MI - Detroit	N/A	N/A		N/A	N/A		1,986	44.2	41.2 - 47.2
Minnesota	N/A	N/A		N/A	N/A		2,331	48.4	45.4 - 51.3
Mississippi	N/A	N/A		N/A	N/A		1,166	41.5	37.4 - 45.5
Missouri	N/A	N/A		N/A	N/A		2,515	43.0	40.2 - 45.8
Montana	N/A	N/A		N/A	N/A		480	48.6	42.2 - 54.6
Nebraska	N/A	N/A		N/A	N/A		760	46.5	41.7 - 51.3
New Hampshire	N/A	N/A		N/A	N/A		650	42.7	37.5 - 47.8
New Jersey	N/A	N/A		N/A	N/A		4,677	46.8	44.7 - 48.8
New Mexico	N/A	N/A		N/A	N/A		999	38.8	34.7 - 42.9
New York	N/A	N/A		N/A	N/A		10,130	46.0	44.6 - 47.4
North Carolina	N/A	N/A		N/A	N/A		4,447	44.7	42.6 - 46.8
North Dakota	N/A	N/A		N/A	N/A		264	42.7	34.6 - 50.6
Ohio	N/A	N/A		N/A	N/A		5,317	44.9	43.0 - 46.9
Oklahoma	N/A	N/A		N/A	N/A		1,794	40.6	37.4 - 43.9
Oregon	N/A	N/A		N/A	N/A		1,979	41.7	38.5 - 44.8
Pennsylvania	N/A	N/A		N/A	N/A		6,791	47.1	45.4 - 48.8
Rhode Island	N/A	N/A		N/A	N/A		487	46.9	40.8 - 52.8
South Carolina	N/A	N/A		N/A	N/A		2,028	43.5	40.6 - 46.4
Tennessee	N/A	N/A		N/A	N/A		2,936	40.4	37.9 - 42.9
Texas	N/A	N/A		N/A	N/A		10,441	44.0	42.6 - 45.4
Utah	N/A	N/A		N/A	N/A		1,007	42.7	38.6 - 46.7
Vermont	N/A	N/A		N/A	N/A		302	45.2	37.2 - 52.9
Washington	N/A	N/A		N/A	N/A		3,177	45.9	43.4 - 48.4
WA - Seattle	N/A	N/A		N/A	N/A		2,260	44.4	41.5 - 47.3
West Virginia	N/A	N/A		N/A	N/A		1,053	38.2	34.1 - 42.3
Wisconsin	N/A	N/A		N/A	N/A		2,856	47.8	45.3 - 50.3
Wyoming	N/A	N/A		N/A	N/A		248	45.3	36.7 - 53.6
NAACCR CDN Combined	N/A	N/A		N/A	N/A		13,846	41.5	40.4 - 42.7
Alberta	N/A	N/A		N/A	N/A		1,467	39.5	36.1 - 42.9
British Columbia	N/A	N/A		N/A	N/A		2,321	40.9	38.3 - 43.5
Manitoba	N/A	N/A		N/A	N/A		589	43.6	38.5 - 48.5
New Brunswick	N/A	N/A		N/A	N/A		416	36.0	30.1 - 41.8
Newfoundland and Labrador	N/A	N/A		N/A	N/A		277	39.7	32.5 - 46.9
Ontario	N/A	N/A		N/A	N/A		8,195	42.1	40.6 - 43.5
Prince Edward Island	N/A	N/A		N/A	N/A		83	27.2	13.9 - 42.4†
Saskatchewan	N/A	N/A		N/A	N/A		498	41.3	35.7 - 46.8
NAACCR N.A. Combined	N/A	N/A		N/A	N/A		147,553	44.2	43.9 - 44.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Prostate

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		1,275,778	94.5	94.4 - 94.7	N/A	N/A	
Alabama	N/A	N/A		24,431	94.3	93.3 - 95.2	N/A	N/A	
Alaska	N/A	N/A		2,230	90.9	87.0 - 93.7	N/A	N/A	
Arizona	N/A	N/A		22,565	91.0	90.1 - 91.8	N/A	N/A	
Arkansas	N/A	N/A		14,414	95.7	94.2 - 96.9	N/A	N/A	
California	N/A	N/A		133,213	93.2	92.8 - 93.6	N/A	N/A	
CA - Greater California	N/A	N/A		75,969	92.4	91.9 - 92.9	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		26,158	94.3	93.4 - 95.0	N/A	N/A	
CA - Los Angeles	N/A	N/A		31,087	93.9	93.1 - 94.6	N/A	N/A	
Colorado	N/A	N/A		19,571	93.1	92.0 - 94.0	N/A	N/A	
Connecticut	N/A	N/A		17,683	93.5	92.4 - 94.5	N/A	N/A	
Delaware	N/A	N/A		5,380	92.5	90.4 - 94.1	N/A	N/A	
District of Columbia	N/A	N/A		2,765	94.0	90.3 - 96.3	N/A	N/A	
Florida	N/A	N/A		99,068	94.5	94.0 - 94.9	N/A	N/A	
Georgia	N/A	N/A		45,638	93.8	92.9 - 94.6	N/A	N/A	
Hawaii	N/A	N/A		5,522	92.6	90.6 - 94.2	N/A	N/A	
Idaho	N/A	N/A		7,326	92.2	90.3 - 93.7	N/A	N/A	
Illinois	N/A	N/A		55,856	94.5	93.9 - 95.0	N/A	N/A	
Indiana	N/A	N/A		25,717	94.7	93.7 - 95.6	N/A	N/A	
Iowa	N/A	N/A		14,766	92.6	91.3 - 93.7	N/A	N/A	
Kansas	N/A	N/A		13,011	97.2	96.0 - 98.1	N/A	N/A	
Kentucky	N/A	N/A		19,288	93.2	92.0 - 94.3	N/A	N/A	
Louisiana	N/A	N/A		24,258	95.8	94.5 - 96.8	N/A	N/A	
Maine	N/A	N/A		6,241	93.0	90.5 - 94.8	N/A	N/A	
Maryland	N/A	N/A		29,436	96.2	95.0 - 97.0	N/A	N/A	
MI - Detroit	N/A	N/A		20,453	95.7	94.5 - 96.6	N/A	N/A	
Minnesota	N/A	N/A		24,962	92.9	91.9 - 93.8	N/A	N/A	
Mississippi	N/A	N/A		15,487	95.4	93.8 - 96.6	N/A	N/A	
Missouri	N/A	N/A		24,271	93.8	92.7 - 94.8	N/A	N/A	
Montana	N/A	N/A		5,988	91.9	89.6 - 93.8	N/A	N/A	
Nebraska	N/A	N/A		9,046	95.4	93.6 - 96.6	N/A	N/A	
New Hampshire	N/A	N/A		7,083	93.2	91.0 - 94.9	N/A	N/A	
New Jersey	N/A	N/A		47,605	96.1	95.5 - 96.7	N/A	N/A	
New Mexico	N/A	N/A		7,138	89.6	87.7 - 91.2	N/A	N/A	
New York	N/A	N/A		99,131	94.0	93.5 - 94.5	N/A	N/A	
North Carolina	N/A	N/A		48,420	95.0	94.2 - 95.7	N/A	N/A	
North Dakota	N/A	N/A		3,530	96.4	94.1 - 97.8	N/A	N/A	
Ohio	N/A	N/A		52,736	96.0	95.2 - 96.7	N/A	N/A	
Oklahoma	N/A	N/A		14,791	94.8	93.5 - 95.8	N/A	N/A	
Oregon	N/A	N/A		16,621	94.9	93.9 - 95.7	N/A	N/A	
Pennsylvania	N/A	N/A		60,351	95.4	94.9 - 96.0	N/A	N/A	
Rhode Island	N/A	N/A		4,586	93.8	91.6 - 95.4	N/A	N/A	
South Carolina	N/A	N/A		23,898	94.1	92.9 - 95.1	N/A	N/A	
Tennessee	N/A	N/A		30,946	96.2	95.2 - 97.0	N/A	N/A	
Texas	N/A	N/A		88,908	93.3	92.7 - 93.9	N/A	N/A	
Utah	N/A	N/A		10,129	93.5	91.8 - 94.8	N/A	N/A	
Vermont	N/A	N/A		2,755	91.2	87.6 - 93.8	N/A	N/A	
Washington	N/A	N/A		29,166	93.9	93.0 - 94.6	N/A	N/A	
WA - Seattle	N/A	N/A		21,561	93.6	92.6 - 94.5	N/A	N/A	
West Virginia	N/A	N/A		8,496	94.6	92.7 - 96.0	N/A	N/A	
Wisconsin	N/A	N/A		28,153	94.0	93.0 - 94.8	N/A	N/A	
Wyoming	N/A	N/A		2,749	94.1	90.3 - 96.4	N/A	N/A	
NAACCR CDN Combined	N/A	N/A		112,955	91.3	90.9 - 91.7	N/A	N/A	
Alberta	N/A	N/A		16,596	91.0	89.9 - 92.0	N/A	N/A	
British Columbia	N/A	N/A		20,750	90.2	89.2 - 91.0	N/A	N/A	
Manitoba	N/A	N/A		4,957	90.1	88.0 - 91.8	N/A	N/A	
New Brunswick	N/A	N/A		3,784	91.5	89.0 - 93.5	N/A	N/A	
Newfoundland and Labrador	N/A	N/A		3,018	90.6	87.5 - 92.9	N/A	N/A	
Ontario	N/A	N/A		58,389	91.9	91.3 - 92.4	N/A	N/A	
Prince Edward Island	N/A	N/A		705	84.5	78.3 - 89.0	N/A	N/A	
Saskatchewan	N/A	N/A		4,756	88.5	86.7 - 90.1	N/A	N/A	
NAACCR N.A. Combined	N/A	N/A		1,388,733	94.2	94.1 - 94.3	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-16 Survival – Prostate

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		56,057	92.4	91.6 - 93.2	N/A	N/A	
Alabama	N/A	N/A		666	83.0	78.7 - 86.5	N/A	N/A	
Alaska	N/A	N/A		166	91.9	82.2 - 96.5 †	N/A	N/A	
Arizona	N/A	N/A		1,242	92.8	90.5 - 94.5 †	N/A	N/A	
Arkansas	N/A	N/A		484	92.7	88.6 - 95.4 †	N/A	N/A	
California	N/A	N/A		8,260	86.9	83.9 - 89.4	N/A	N/A	
CA - Greater California	N/A	N/A		4,560	84.4	80.4 - 87.6	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		1,612	92.8	88.3 - 95.6	N/A	N/A	
CA - Los Angeles	N/A	N/A		2,089	85.5	81.0 - 89.1	N/A	N/A	
Colorado	N/A	N/A		1,074	92.1	87.2 - 95.2	N/A	N/A	
Connecticut	N/A	N/A		737	95.9	91.5 - 98.0	N/A	N/A	
Delaware	N/A	N/A		163	83.1	77.0 - 87.7	N/A	N/A	
District of Columbia	N/A	N/A		128	98.5	93.1 - 99.7 †	N/A	N/A	
Florida	N/A	N/A		3,107	90.5	87.3 - 92.9	N/A	N/A	
Georgia	N/A	N/A		1,415	81.8	79.2 - 84.2	N/A	N/A	
Hawaii	N/A	N/A		273	94.7	89.9 - 97.2 †	N/A	N/A	
Idaho	N/A	N/A		357	98.1	95.4 - 99.2 †	N/A	N/A	
Illinois	N/A	N/A		2,623	92.4	88.4 - 95.1	N/A	N/A	
Indiana	N/A	N/A		1,286	92.5	88.2 - 95.2	N/A	N/A	
Iowa	N/A	N/A		687	86.5	77.9 - 91.9	N/A	N/A	
Kansas	N/A	N/A		621	95.9	93.4 - 97.4 †	N/A	N/A	
Kentucky	N/A	N/A		778	78.7	73.6 - 82.9	N/A	N/A	
Louisiana	N/A	N/A		726	93.3	84.6 - 97.1	N/A	N/A	
Maine	N/A	N/A		283	93.4	88.2 - 96.3 †	N/A	N/A	
Maryland	N/A	N/A		915	97.8	95.6 - 98.9 †	N/A	N/A	
MI - Detroit	N/A	N/A		679	93.5	65.4 - 98.9	N/A	N/A	
Minnesota	N/A	N/A		1,290	97.2	95.9 - 98.1 †	N/A	N/A	
Mississippi	N/A	N/A		369	93.4	89.5 - 95.9 †	N/A	N/A	
Missouri	N/A	N/A		1,016	96.5	94.2 - 97.9 †	N/A	N/A	
Montana	N/A	N/A		238	93.7	84.7 - 97.5	N/A	N/A	
Nebraska	N/A	N/A		441	95.5	92.3 - 97.4 †	N/A	N/A	
New Hampshire	N/A	N/A		311	97.9	92.6 - 99.4 †	N/A	N/A	
New Jersey	N/A	N/A		1,718	91.9	82.2 - 96.4	N/A	N/A	
New Mexico	N/A	N/A		444	92.7	88.1 - 95.6 †	N/A	N/A	
New York	N/A	N/A		3,928	93.8	90.9 - 95.8	N/A	N/A	
North Carolina	N/A	N/A		1,658	89.4	84.1 - 93.0	N/A	N/A	
North Dakota	N/A	N/A		179	93.6	87.1 - 96.9 †	N/A	N/A	
Ohio	N/A	N/A		2,112	89.4	85.5 - 92.3	N/A	N/A	
Oklahoma	N/A	N/A		676	94.0	91.0 - 96.1 †	N/A	N/A	
Oregon	N/A	N/A		908	93.2	84.9 - 97.0	N/A	N/A	
Pennsylvania	N/A	N/A		2,690	91.5	88.1 - 94.0	N/A	N/A	
Rhode Island	N/A	N/A		215	99.3	86.1 - †	N/A	N/A	
South Carolina	N/A	N/A		679	92.8	88.3 - 95.6	N/A	N/A	
Tennessee	N/A	N/A		1,156	87.7	80.7 - 92.2	N/A	N/A	
Texas	N/A	N/A		5,028	88.9	84.7 - 91.9	N/A	N/A	
Utah	N/A	N/A		747	96.9	94.8 - 98.2 †	N/A	N/A	
Vermont	N/A	N/A		149	95.7	86.7 - 98.7 †	N/A	N/A	
Washington	N/A	N/A		1,632	93.6	87.7 - 96.7	N/A	N/A	
WA - Seattle	N/A	N/A		1,190	94.1	85.8 - 97.6	N/A	N/A	
West Virginia	N/A	N/A		327	92.9	88.6 - 95.7 †	N/A	N/A	
Wisconsin	N/A	N/A		1,325	94.6	89.9 - 97.1	N/A	N/A	
Wyoming	N/A	N/A		151	96.8	88.3 - 99.2 †	N/A	N/A	
NAACCR CDN Combined	N/A	N/A		5,633	92.6	90.0 - 94.5	N/A	N/A	
Alberta	N/A	N/A		973	98.0	96.2 - 99.0 †	N/A	N/A	
British Columbia	N/A	N/A		999	91.5	83.9 - 95.6	N/A	N/A	
Manitoba	N/A	N/A		263	94.8	90.5 - 97.2 †	N/A	N/A	
New Brunswick	N/A	N/A		139	95.0	88.4 - 97.9 †	N/A	N/A	
Newfoundland and Labrador	N/A	N/A		66	90.3	74.4 - 96.5 †	N/A	N/A	
Ontario	N/A	N/A		2,937	92.4	89.0 - 94.8	N/A	N/A	
Prince Edward Island	N/A	N/A		21	88.9	61.1 - 97.2 †	N/A	N/A	
Saskatchewan	N/A	N/A		235	95.6	89.8 - 98.2 †	N/A	N/A	
NAACCR N.A. Combined	N/A	N/A		61,690	92.5	91.6 - 93.2	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Urinary Bladder (incl. in situ)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	470,540	76.6	76.4 - 76.8	358,832	77.6	77.4 - 77.9	111,708	73.4	73.0 - 73.8
Alabama	7,298	72.9	71.1 - 74.7	5,625	74.1	72.0 - 76.2	1,673	69.1	65.4 - 72.6
Alaska	880	76.0	70.4 - 80.6	685	76.8	70.2 - 82.1	195	70.6	62.1 - 77.6
Arizona	10,757	74.9	73.5 - 76.2	8,390	75.1	73.4 - 76.6	2,367	73.8	71.0 - 76.4
Arkansas	4,910	73.9	71.6 - 76.0	3,873	74.7	72.1 - 77.2	1,037	71.1	66.5 - 75.2
California	46,552	76.4	75.7 - 77.0	35,846	77.2	76.4 - 78.0	10,706	73.6	72.3 - 74.9
CA - Greater California	27,339	75.4	74.5 - 76.2	21,114	76.1	75.1 - 77.1	6,225	72.9	71.1 - 74.5
CA - Greater Bay Area	8,946	78.6	77.2 - 80.0	6,859	78.5	76.8 - 80.1	2,087	78.8	76.1 - 81.3
CA - Los Angeles	10,285	76.7	75.3 - 78.1	7,885	78.7	77.1 - 80.3	2,400	70.3	67.4 - 73.0
Colorado	7,099	78.6	77.0 - 80.2	5,477	79.9	78.0 - 81.7	1,622	74.5	71.1 - 77.5
Connecticut	7,921	77.8	76.2 - 79.3	5,889	78.6	76.7 - 80.3	2,032	75.6	72.4 - 78.4
Delaware	1,977	77.1	73.5 - 80.2	1,508	78.5	73.9 - 82.3	469	70.5	64.0 - 76.0
District of Columbia	611	72.0	65.7 - 77.4	421	77.0	69.2 - 83.0	190	61.8	51.2 - 70.8
Florida	40,734	75.4	74.6 - 76.1	31,335	76.0	75.1 - 76.8	9,399	73.6	72.1 - 75.0
Georgia	12,736	72.6	71.1 - 74.0	9,729	74.2	72.5 - 75.8	3,007	67.5	64.7 - 70.2
Hawaii	1,727	73.3	69.6 - 76.6	1,342	73.4	69.1 - 77.2	385	70.3	63.3 - 76.2†
Idaho	2,747	78.0	75.0 - 80.7	2,171	79.0	75.7 - 81.9	576	73.4	66.3 - 79.2
Illinois	20,840	77.2	76.2 - 78.2	15,645	78.6	77.4 - 79.7	5,195	73.2	71.2 - 75.0
Indiana	11,392	76.6	75.2 - 78.0	8,699	77.8	76.1 - 79.4	2,693	72.9	70.2 - 75.4
Iowa	5,799	76.3	74.3 - 78.2	4,503	76.9	74.6 - 79.1	1,296	73.8	69.9 - 77.3
Kansas	5,027	78.6	76.6 - 80.5	3,851	80.1	77.8 - 82.2	1,176	73.8	69.6 - 77.5
Kentucky	8,046	73.5	71.8 - 75.1	6,060	75.1	73.1 - 76.9	1,986	68.5	65.3 - 71.5
Louisiana	6,524	75.0	73.1 - 76.8	5,027	76.9	74.7 - 79.0	1,497	67.8	64.0 - 71.3
Maine	3,523	80.1	77.6 - 82.3	2,691	81.3	78.4 - 83.9	832	73.1	67.6 - 77.8†
Maryland	8,749	77.2	75.6 - 78.6	6,569	78.7	76.9 - 80.4	2,180	72.2	69.2 - 74.9
MI - Detroit	7,192	76.5	74.8 - 78.1	5,351	78.3	76.3 - 80.1	1,841	71.1	67.8 - 74.2
Minnesota	9,444	79.4	78.0 - 80.8	7,228	80.1	78.4 - 81.7	2,216	77.2	74.3 - 79.8
Mississippi	4,089	74.2	71.7 - 76.6	3,125	76.9	73.8 - 79.7	964	65.9	60.8 - 70.5
Missouri	10,023	75.1	73.6 - 76.6	7,674	75.6	73.9 - 77.3	2,349	73.1	70.1 - 75.9
Montana	2,109	76.1	72.5 - 79.3	1,601	75.2	70.9 - 79.0	508	75.7	69.3 - 80.9
Nebraska	3,102	77.3	74.6 - 79.7	2,366	77.1	73.9 - 80.0	736	76.8	71.9 - 81.0
New Hampshire	3,247	79.6	77.0 - 82.0	2,459	79.9	76.7 - 82.7	788	77.5	72.6 - 81.7
New Jersey	16,925	78.0	76.8 - 79.0	12,531	79.0	77.7 - 80.3	4,394	74.6	72.5 - 76.6
New Mexico	2,545	69.1	65.6 - 72.4	1,939	72.1	67.7 - 76.0	606	61.7	55.4 - 67.4
New York	36,659	78.4	77.7 - 79.2	27,246	79.3	78.4 - 80.2	9,413	75.9	74.6 - 77.2
North Carolina	16,124	75.6	74.4 - 76.8	12,165	76.5	75.0 - 77.8	3,959	72.6	70.4 - 74.7
North Dakota	1,189	82.2	78.5 - 85.3	930	82.7	78.5 - 86.2	259	78.9	72.0 - 84.2
Ohio	21,660	76.5	75.5 - 77.5	16,533	78.2	77.0 - 79.3	5,127	71.4	69.3 - 73.4
Oklahoma	5,785	73.3	71.1 - 75.3	4,520	73.9	71.4 - 76.2	1,265	70.3	66.0 - 74.1
Oregon	7,362	79.6	77.9 - 81.3	5,698	80.1	78.1 - 82.1	1,664	77.4	74.1 - 80.4
Pennsylvania	27,626	78.2	77.4 - 79.1	20,827	79.1	78.1 - 80.1	6,799	75.6	73.9 - 77.1
Rhode Island	2,397	81.1	78.0 - 83.8	1,789	81.9	78.1 - 85.1	608	79.7	74.0 - 84.3
South Carolina	7,642	76.0	74.2 - 77.6	5,774	77.9	75.9 - 79.8	1,868	69.6	66.2 - 72.8
Tennessee	10,721	76.4	74.8 - 77.8	8,169	77.4	75.6 - 79.1	2,552	72.5	69.7 - 75.1
Texas	26,817	74.7	73.7 - 75.6	20,829	75.8	74.7 - 76.8	5,988	70.8	69.1 - 72.6
Utah	2,849	78.1	75.4 - 80.5	2,313	80.0	77.0 - 82.7	536	71.2	65.0 - 76.6
Vermont	1,359	76.3	72.4 - 79.7	1,012	77.9	73.3 - 81.9	347	66.1	57.1 - 73.7†
Washington	11,656	77.7	76.3 - 79.0	8,990	78.7	77.1 - 80.2	2,666	74.1	71.5 - 76.6
WA - Seattle	8,129	78.2	76.6 - 79.7	6,277	79.5	77.5 - 81.2	1,852	73.9	70.7 - 76.9
West Virginia	4,043	73.5	71.0 - 75.8	3,081	74.9	72.1 - 77.5	962	69.4	64.6 - 73.6
Wisconsin	11,178	79.6	78.2 - 80.9	8,604	79.9	78.3 - 81.4	2,574	77.5	75.1 - 79.7
Wyoming	948	79.9	75.2 - 83.8	742	79.7	74.1 - 84.2	206	75.6	64.3 - 83.8
NAACCR CDN Combined	49,814	78.8	78.2 - 79.4	37,978	79.3	78.6 - 80.0	11,836	77.4	76.2 - 78.5
Alberta	6,146	80.2	78.4 - 81.8	4,735	81.7	79.7 - 83.5	1,411	75.3	71.7 - 78.5
British Columbia	9,596	77.4	76.0 - 78.7	7,387	77.6	75.9 - 79.1	2,209	76.9	74.1 - 79.5
Manitoba	2,077	74.9	71.4 - 78.1	1,570	74.5	70.4 - 78.1	507	76.0	70.4 - 80.8
New Brunswick	1,767	77.4	74.0 - 80.4	1,355	76.9	72.9 - 80.4	412	78.1	72.1 - 83.0
Newfoundland and Labrador	1,171	80.1	75.5 - 83.9	867	79.5	73.6 - 84.2	304	79.2	71.3 - 85.2
Ontario	26,760	79.4	78.6 - 80.2	20,337	80.1	79.1 - 81.0	6,423	77.6	76.0 - 79.0
Prince Edward Island	307	73.3	64.9 - 79.9	229	74.6	66.0 - 81.4	78	70.7	51.0 - 83.7†
Saskatchewan	1,990	75.6	72.4 - 78.4	1,498	74.8	71.0 - 78.2	492	76.7	70.7 - 81.7
NAACCR N.A. Combined	520,354	76.8	76.6 - 77.0	396,810	77.8	77.6 - 78.0	123,544	73.8	73.4 - 74.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

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

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	391,774	73.5	73.2 - 73.7	247,420	73.0	72.6 - 73.3	144,354	74.5	74.1 - 74.8
Alabama	7,059	72.4	70.4 - 74.3	4,348	72.3	69.9 - 74.5	2,711	72.4	69.2 - 75.4
Alaska	861	76.8	70.7 - 81.8	557	75.3	67.7 - 81.3	304	76.0	65.5 - 83.8
Arizona	8,715	74.0	72.4 - 75.5	5,585	73.6	71.6 - 75.5	3,130	74.7	72.2 - 77.1
Arkansas	4,830	74.3	72.2 - 76.2	3,065	71.9	69.3 - 74.4	1,765	76.6	72.5 - 80.1
California	41,327	72.5	71.7 - 73.2	26,440	72.4	71.4 - 73.3	14,887	73.0	71.8 - 74.1
CA - Greater California	24,220	71.4	70.4 - 72.4	15,498	71.4	70.1 - 72.7	8,722	71.7	70.1 - 73.2
CA - Greater Bay Area	7,269	73.5	71.8 - 75.1	4,754	73.1	70.8 - 75.2	2,515	74.3	71.5 - 76.8
CA - Los Angeles	9,846	74.3	72.8 - 75.8	6,194	74.1	72.0 - 76.0	3,652	75.0	72.6 - 77.2
Colorado	5,535	72.0	69.9 - 74.0	3,497	71.4	68.6 - 74.1	2,038	72.8	69.7 - 75.7
Connecticut	4,797	75.2	73.0 - 77.2	3,126	75.6	72.7 - 78.2	1,671	73.7	70.2 - 76.9
Delaware	1,373	73.3	68.9 - 77.2	876	75.0	69.5 - 79.6	497	69.5	61.8 - 75.9
District of Columbia	588	70.3	63.9 - 75.7	357	71.9	62.6 - 79.3	231	66.7	58.8 - 73.5
Florida	26,938	72.1	71.2 - 73.0	17,273	71.2	70.1 - 72.3	9,665	73.7	72.3 - 75.0
Georgia	12,328	71.4	69.9 - 72.9	7,731	69.4	67.3 - 71.3	4,597	74.7	72.7 - 76.5
Hawaii	1,548	72.4	68.5 - 75.9	1,042	71.4	66.5 - 75.8	506	73.4	67.0 - 78.9
Idaho	2,073	71.0	67.4 - 74.2	1,342	71.2	67.2 - 74.9	731	68.7	62.8 - 73.9
Illinois	17,772	73.6	72.4 - 74.7	11,161	73.1	71.5 - 74.6	6,611	74.5	72.7 - 76.2
Indiana	9,711	72.0	70.3 - 73.6	6,048	72.5	70.2 - 74.6	3,663	71.6	69.0 - 74.0
Iowa	4,827	70.7	68.5 - 72.9	3,099	69.4	66.4 - 72.2	1,728	73.0	69.7 - 76.1
Kansas	4,249	77.5	75.1 - 79.6	2,681	76.2	72.8 - 79.2	1,568	78.7	75.2 - 81.7
Kentucky	7,355	70.9	68.9 - 72.8	4,550	70.4	67.6 - 73.0	2,805	71.8	68.8 - 74.7
Louisiana	7,757	72.5	70.6 - 74.3	4,799	71.7	69.1 - 74.1	2,958	73.7	70.8 - 76.3
Maine	2,102	73.1	69.9 - 76.0	1,321	71.1	66.9 - 74.9	781	75.0	70.2 - 79.2
Maryland	7,015	74.1	72.1 - 75.9	4,299	73.1	70.5 - 75.6	2,716	75.8	72.9 - 78.5
MI - Detroit	5,437	72.5	70.4 - 74.4	3,432	70.7	67.8 - 73.3	2,005	74.9	71.7 - 77.7
Minnesota	7,296	73.8	71.9 - 75.5	4,808	74.1	71.7 - 76.4	2,488	73.3	70.3 - 76.1
Mississippi	5,029	74.0	71.5 - 76.3	3,069	71.4	68.0 - 74.6	1,960	77.0	73.8 - 79.8
Missouri	9,249	72.7	71.0 - 74.3	5,687	72.5	70.5 - 74.4	3,562	73.0	70.5 - 75.3
Montana	1,485	72.5	68.4 - 76.3	965	69.6	64.2 - 74.5	520	76.3	69.8 - 81.6
Nebraska	2,564	70.9	67.7 - 73.9	1,644	69.2	64.8 - 73.1	920	73.8	69.6 - 77.5
New Hampshire	1,849	77.1	73.4 - 80.3	1,198	78.0	73.8 - 81.6	651	73.0	67.0 - 78.0
New Jersey	11,752	74.8	73.4 - 76.1	7,463	74.6	72.7 - 76.4	4,289	75.2	73.0 - 77.1
New Mexico	2,530	70.7	67.8 - 73.4	1,561	68.4	64.5 - 71.9	969	73.4	69.3 - 77.0
New York	26,190	75.3	74.5 - 76.2	16,794	75.0	73.8 - 76.2	9,396	76.1	74.8 - 77.5
North Carolina	13,807	73.0	71.6 - 74.4	8,656	72.9	71.0 - 74.7	5,151	73.7	71.6 - 75.6
North Dakota	1,001	73.3	69.0 - 77.1	664	70.7	64.9 - 75.7	337	77.0	70.8 - 82.1
Ohio	16,294	74.6	73.4 - 75.8	10,031	73.6	71.9 - 75.2	6,263	76.2	74.4 - 78.0
Oklahoma	5,932	69.0	66.8 - 71.2	3,586	68.8	65.7 - 71.6	2,346	69.0	65.5 - 72.2
Oregon	5,229	77.2	75.2 - 79.2	3,426	78.2	75.6 - 80.6	1,803	75.1	71.8 - 78.1
Pennsylvania	18,879	75.1	74.0 - 76.2	11,940	75.2	73.6 - 76.6	6,939	75.1	73.5 - 76.7
Rhode Island	1,451	74.6	70.7 - 78.1	899	73.5	68.1 - 78.0	552	75.2	69.3 - 80.1
South Carolina	7,071	74.7	72.8 - 76.6	4,462	73.2	70.6 - 75.6	2,609	76.8	74.1 - 79.3
Tennessee	9,991	74.6	72.9 - 76.2	6,284	75.1	72.8 - 77.2	3,707	74.0	71.5 - 76.4
Texas	35,432	73.2	72.3 - 74.1	22,024	71.6	70.5 - 72.7	13,408	75.7	74.4 - 76.9
Utah	2,476	70.2	66.9 - 73.2	1,591	69.7	65.4 - 73.7	885	71.5	66.5 - 75.8
Vermont	836	72.2	66.3 - 77.3	532	71.1	63.6 - 77.4	304	72.8	64.3 - 79.7
Washington	8,560	74.5	72.8 - 76.1	5,457	75.0	72.9 - 77.0	3,103	73.6	71.0 - 76.0
WA - Seattle	6,004	74.5	72.6 - 76.4	3,866	75.4	73.0 - 77.7	2,138	73.1	70.0 - 76.0
West Virginia	3,331	71.3	68.4 - 74.0	2,000	69.3	65.3 - 73.0	1,331	73.8	69.4 - 77.7
Wisconsin	8,689	75.5	73.9 - 77.1	5,624	75.9	74.0 - 77.6	3,065	75.0	72.4 - 77.3
Wyoming	654	76.9	71.5 - 81.5	426	73.6	66.4 - 79.4	228	80.1	69.8 - 87.2
NAACCR CDN Combined	31,089	70.8	69.9 - 71.6	20,175	70.3	69.2 - 71.4	10,914	71.8	70.5 - 73.0
Alberta	4,287	71.2	68.9 - 73.3	2,828	70.4	67.4 - 73.1	1,459	72.2	68.9 - 75.2
British Columbia	5,179	68.3	66.3 - 70.3	3,420	66.7	64.1 - 69.2	1,759	71.7	68.7 - 74.5
Manitoba	1,640	63.1	59.5 - 66.5	1,094	61.8	57.0 - 66.3	546	65.7	60.2 - 70.7
New Brunswick	1,332	69.0	65.0 - 72.7	821	67.8	62.2 - 72.7	511	70.6	64.5 - 75.8
Newfoundland and Labrador	978	67.8	63.0 - 72.1	609	67.1	60.1 - 73.1	369	69.6	63.0 - 75.2
Ontario	16,068	73.1	71.9 - 74.1	10,409	72.9	71.4 - 74.3	5,659	73.5	71.7 - 75.1
Prince Edward Island	201	57.8	46.1 - 67.8†	125	57.8	43.0 - 70.0†	76	58.2	38.5 - 73.5†
Saskatchewan	1,404	63.4	59.6 - 67.1	869	66.6	61.4 - 71.3	535	59.2	53.4 - 64.6
NAACCR N.A. Combined	422,863	73.2	73.0 - 73.5	267,595	72.8	72.4 - 73.1	155,268	74.3	73.9 - 74.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Brain & Other Nervous System (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	128,401	30.5	30.2 - 30.8	72,243	28.5	28.1 - 28.9	56,158	33.1	32.6 - 33.5
Alabama	2,146	28.8	26.4 - 31.2	1,163	20.3	17.4 - 23.4†	983	32.0	28.5 - 35.5
Alaska	282	27.3	22.2 - 32.6	163	26.5	18.3 - 35.5†	119	23.9	14.1 - 35.1†
Arizona	2,811	30.6	28.4 - 32.8	1,592	29.0	26.1 - 32.0	1,219	32.9	29.6 - 36.3
Arkansas	1,343	30.3	27.4 - 33.2	764	29.5	25.8 - 33.2	579	31.5	27.0 - 36.0
California	14,812	30.2	29.3 - 31.1	8,478	28.8	27.6 - 30.0	6,334	32.1	30.7 - 33.6
CA - Greater California	8,492	29.2	27.9 - 30.4	4,826	27.7	26.1 - 29.4	3,666	31.0	29.1 - 32.9
CA - Greater Bay Area	2,915	33.6	31.6 - 35.6	1,714	32.9	30.2 - 35.5	1,201	34.6	31.6 - 37.7
CA - Los Angeles	3,407	29.6	27.7 - 31.5	1,939	27.2	24.8 - 29.7	1,468	32.6	29.7 - 35.6
Colorado	2,194	32.0	29.7 - 34.2	1,244	29.9	26.9 - 33.0	950	34.8	31.5 - 38.0
Connecticut	1,830	30.3	27.7 - 33.0	1,025	27.6	24.1 - 31.3	805	33.7	30.0 - 37.5
Delaware	431	28.5	23.0 - 34.3	229	19.2	12.5 - 27.1†	202	32.2	24.4 - 40.2
District of Columbia	210	35.1	27.2 - 43.0†	120	37.6	27.0 - 48.2†	90	31.9	20.7 - 43.6†
Florida	9,777	32.6	31.5 - 33.8	5,489	30.7	29.2 - 32.3	4,288	35.2	33.4 - 37.0
Georgia	3,836	27.9	26.1 - 29.6	2,097	25.6	23.3 - 27.9	1,739	30.7	28.1 - 33.3
Hawaii	428	22.4	17.7 - 27.3†	239	21.5	15.5 - 28.1†	189	23.5	16.6 - 31.1†
Idaho	808	27.1	23.5 - 30.8	494	23.3	19.1 - 27.8	314	31.9	26.1 - 37.9
Illinois	5,368	30.6	29.1 - 32.1	2,993	29.4	27.4 - 31.4	2,375	32.0	29.7 - 34.3
Indiana	2,929	29.1	27.2 - 31.1	1,644	26.9	24.4 - 29.5	1,285	32.2	29.2 - 35.1
Iowa	1,575	27.8	25.2 - 30.5	871	25.5	22.0 - 29.1	704	24.0	20.1 - 28.1†
Kansas	1,247	31.7	28.7 - 34.8	712	30.9	27.3 - 34.5	535	32.5	27.3 - 37.8
Kentucky	2,253	28.2	25.9 - 30.6	1,256	26.2	23.4 - 29.1	997	30.6	26.8 - 34.4
Louisiana	1,813	28.8	26.4 - 31.3	1,044	26.5	23.4 - 29.7	769	31.6	28.0 - 35.4
Maine	781	30.7	26.9 - 34.6	438	22.9	18.2 - 27.9†	343	32.9	27.5 - 38.3
Maryland	2,357	30.4	28.3 - 32.6	1,329	27.7	24.9 - 30.6	1,028	34.2	30.9 - 37.5
MI - Detroit	1,698	29.0	26.4 - 31.6	960	25.7	22.5 - 29.1	738	33.1	29.2 - 37.2
Minnesota	2,633	31.1	29.0 - 33.1	1,514	27.9	25.2 - 30.6	1,119	35.1	32.0 - 38.1
Mississippi	1,216	29.9	26.8 - 33.0	666	29.1	25.1 - 33.2	550	30.7	26.1 - 35.4
Missouri	2,784	30.8	28.8 - 32.8	1,524	28.2	25.5 - 30.9	1,260	33.9	30.9 - 36.9
Montana	574	26.2	21.8 - 30.8†	328	22.9	17.2 - 29.0†	246	32.3	27.0 - 37.7
Nebraska	861	30.2	26.4 - 34.1	488	29.0	24.5 - 33.7	373	32.6	26.2 - 39.2
New Hampshire	714	33.5	29.2 - 37.9	399	31.5	24.9 - 38.3	315	34.9	29.2 - 40.6
New Jersey	4,239	30.1	28.5 - 31.8	2,350	27.8	25.6 - 30.0	1,889	32.8	30.3 - 35.3
New Mexico	779	33.1	29.0 - 37.3	440	31.1	26.7 - 35.6	339	35.6	28.7 - 42.5
New York	8,854	31.5	30.3 - 32.7	4,954	29.4	27.8 - 31.0	3,900	34.2	32.5 - 36.0
North Carolina	4,389	29.8	28.1 - 31.4	2,403	27.0	24.8 - 29.3	1,986	32.7	30.2 - 35.3
North Dakota	325	23.3	17.5 - 29.5†	198	23.4	15.9 - 31.7†	127	23.6	15.4 - 32.8†
Ohio	5,467	29.0	27.5 - 30.4	3,125	26.5	24.5 - 28.5	2,342	32.2	30.2 - 34.3
Oklahoma	1,689	26.9	24.3 - 29.5	945	24.6	21.4 - 28.0	744	30.1	26.2 - 34.0
Oregon	2,013	31.8	29.5 - 34.2	1,158	24.7	21.6 - 27.8†	855	33.9	30.4 - 37.5
Pennsylvania	6,309	30.5	29.2 - 31.9	3,579	28.7	26.9 - 30.4	2,730	32.9	30.8 - 35.0
Rhode Island	505	28.8	23.5 - 34.3	256	18.6	12.6 - 25.5†	249	34.5	27.8 - 41.3
South Carolina	2,206	27.5	25.3 - 29.9	1,243	25.1	22.0 - 28.4	963	30.2	26.9 - 33.5
Tennessee	2,915	26.9	24.8 - 29.0	1,613	24.4	21.7 - 27.2	1,302	29.9	26.9 - 32.9
Texas	10,013	33.8	32.7 - 34.9	5,554	32.0	30.6 - 33.4	4,459	36.2	34.5 - 37.8
Utah	1,141	31.6	28.6 - 34.7	667	28.9	24.9 - 33.0	474	36.7	31.4 - 42.0†
Vermont	324	28.6	22.9 - 34.5	182	31.4	24.5 - 38.6	142	19.5	11.9 - 28.6†
Washington	3,467	30.7	29.0 - 32.5	2,038	29.2	27.0 - 31.5	1,429	32.6	29.9 - 35.4
WA - Seattle	2,490	30.0	28.0 - 32.1	1,439	25.7	22.8 - 28.6†	1,051	33.2	30.2 - 36.3
West Virginia	958	31.2	28.0 - 34.5	530	23.9	19.6 - 28.4†	428	27.9	22.7 - 33.4†
Wisconsin	2,836	28.9	26.8 - 31.0	1,612	26.8	24.1 - 29.5	1,224	31.9	28.8 - 35.2
Wyoming	261	27.9	22.3 - 33.6	133	18.9	11.4 - 27.8†	128	32.9	24.7 - 41.3
NAACCR CDN Combined	12,672	28.9	28.0 - 29.9	7,307	27.8	26.6 - 29.0	5,365	30.6	29.1 - 32.1
Alberta	1,720	28.3	25.9 - 30.8	999	26.5	23.4 - 29.7	721	28.4	24.4 - 32.6†
British Columbia	2,354	27.2	25.0 - 29.4	1,414	26.8	24.1 - 29.5	940	28.1	24.5 - 31.7
Manitoba	569	29.3	25.1 - 33.6	323	24.3	18.0 - 31.1†	246	25.9	19.8 - 32.4†
New Brunswick	402	22.3	16.8 - 28.4	236	15.8	10.5 - 22.2†	166	24.6	17.4 - 32.4
Newfoundland and Labrador	309	24.9	19.3 - 30.9	168	14.9	9.0 - 22.3†	141	17.2	10.2 - 25.8†
Ontario	6,777	30.2	28.9 - 31.5	3,853	28.8	27.1 - 30.4	2,924	32.1	30.1 - 34.2
Prince Edward Island	74	15.2	7.4 - 25.4†	48	20.7	10.0 - 34.2†	26	*	
Saskatchewan	467	22.7	18.1 - 27.5†	266	23.4	17.4 - 29.9†	201	21.9	15.3 - 29.3†
NAACCR N.A. Combined	141,073	30.3	30.0 - 30.6	79,550	28.4	28.0 - 28.8	61,523	32.9	32.4 - 33.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

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

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	292,071	91.5	91.3 - 91.7	94,014	89.9	89.5 - 90.2	198,057	92.3	92.1 - 92.5
Alabama	3,312	92.2	90.3 - 93.8	1,064	87.5	83.9 - 90.4	2,248	94.0	91.8 - 95.7
Alaska	624	90.6	86.4 - 93.5	221	89.6	81.1 - 94.4	403	90.8	86.0 - 94.0
Arizona	5,712	92.0	90.8 - 93.0	1,889	90.1	87.6 - 92.0	3,823	92.8	91.3 - 94.0
Arkansas	2,515	91.7	89.8 - 93.3	846	88.2	83.4 - 91.7	1,669	92.7	90.6 - 94.4
California	33,012	91.7	91.1 - 92.2	10,618	90.2	89.2 - 91.0	22,394	92.3	91.7 - 92.9
CA - Greater California	18,873	90.6	89.9 - 91.3	6,058	89.0	87.7 - 90.3	12,815	91.3	90.5 - 92.1
CA - Greater Bay Area	6,857	92.8	91.7 - 93.7	2,257	91.6	89.6 - 93.2	4,600	93.2	91.9 - 94.3
CA - Los Angeles	7,290	92.8	91.7 - 93.7	2,304	90.5	88.5 - 92.2	4,986	93.5	92.1 - 94.6
Colorado	6,316	92.4	91.3 - 93.4	2,015	89.1	87.0 - 91.0	4,301	93.8	92.5 - 94.9
Connecticut	3,504	92.1	90.5 - 93.5	1,140	91.4	87.7 - 94.0	2,364	92.2	90.4 - 93.6
Delaware	760	91.7	88.1 - 94.2	256	88.0	80.1 - 92.9	504	92.3	88.0 - 95.1
District of Columbia	519	93.0	89.1 - 95.6	176	90.2	82.5 - 94.6	343	93.6	88.6 - 96.5
Florida	24,131	90.2	89.5 - 90.7	7,667	87.4	86.1 - 88.5	16,464	91.4	90.7 - 92.1
Georgia	9,634	89.2	88.1 - 90.3	3,053	87.4	85.2 - 89.3	6,581	90.0	88.7 - 91.2
Hawaii	1,274	84.8	81.9 - 87.2	418	83.1	77.1 - 87.6	856	85.8	82.5 - 88.4
Idaho	1,523	89.0	86.4 - 91.1	504	89.2	84.3 - 92.7	1,019	88.2	84.9 - 90.8
Illinois	12,899	93.0	92.2 - 93.7	4,125	92.3	90.8 - 93.6	8,774	93.1	92.3 - 93.9
Indiana	5,751	90.1	88.8 - 91.2	1,853	86.7	84.0 - 89.0	3,898	91.5	89.9 - 92.8
Iowa	3,458	92.0	90.2 - 93.5	1,139	89.9	86.5 - 92.6	2,319	92.6	90.5 - 94.2
Kansas	2,642	92.3	90.2 - 94.0	850	88.5	84.2 - 91.6	1,792	94.2	91.8 - 96.0
Kentucky	5,335	90.9	89.4 - 92.2	1,648	89.2	86.4 - 91.5	3,687	91.3	89.5 - 92.8
Louisiana	4,641	90.1	88.5 - 91.4	1,559	88.3	85.4 - 90.7	3,082	90.7	88.9 - 92.2
Maine	1,008	89.5	86.4 - 91.8	358	89.6	84.4 - 93.1	650	88.6	84.8 - 91.5
Maryland	5,398	89.8	88.4 - 91.1	1,721	86.8	84.0 - 89.1	3,677	91.1	89.5 - 92.5
MI - Detroit	4,284	89.1	87.5 - 90.5	1,285	85.0	81.6 - 87.7	2,999	90.6	88.9 - 92.1
Minnesota	4,437	93.3	91.8 - 94.5	1,602	92.3	89.9 - 94.2	2,835	93.3	91.5 - 94.8
Mississippi	2,490	89.2	86.9 - 91.1	802	85.0	80.5 - 88.5	1,688	90.8	88.1 - 92.9
Missouri	6,154	90.3	89.0 - 91.5	1,929	88.6	86.1 - 90.7	4,225	91.0	89.4 - 92.4
Montana	1,079	91.1	88.1 - 93.4	370	88.8	84.1 - 92.2	709	91.9	87.8 - 94.6
Nebraska	1,466	91.2	88.0 - 93.5	489	88.0	80.5 - 92.7	977	91.2	87.3 - 94.0
New Hampshire	1,306	93.6	90.8 - 95.6	433	89.2	82.6 - 93.4	873	94.3	91.6 - 96.2
New Jersey	9,661	92.3	91.3 - 93.2	3,185	92.2	90.5 - 93.7	6,476	91.8	90.6 - 92.9
New Mexico	1,432	87.5	85.0 - 89.7	447	85.6	80.5 - 89.4	985	87.8	84.8 - 90.3
New York	22,936	90.3	89.6 - 90.9	7,448	88.6	87.3 - 89.8	15,488	91.1	90.3 - 91.8
North Carolina	10,330	91.9	90.9 - 92.7	3,253	89.6	87.6 - 91.3	7,077	92.7	91.6 - 93.6
North Dakota	533	89.7	84.7 - 93.1	181	88.8	76.4 - 94.9	352	90.3	85.3 - 93.6
Ohio	9,173	91.1	90.0 - 92.1	3,030	89.9	87.7 - 91.7	6,143	91.7	90.4 - 92.8
Oklahoma	3,332	91.0	89.2 - 92.5	1,086	87.2	83.5 - 90.1	2,246	92.5	90.3 - 94.2
Oregon	3,074	92.7	90.8 - 94.2	1,088	90.5	86.9 - 93.2	1,986	93.5	91.3 - 95.2
Pennsylvania	15,581	92.0	91.2 - 92.7	5,016	90.9	89.5 - 92.2	10,565	92.5	91.6 - 93.3
Rhode Island	803	87.0	82.9 - 90.2	282	84.4	76.6 - 89.8	521	88.0	83.4 - 91.4
South Carolina	4,575	90.6	89.2 - 91.9	1,421	87.7	85.0 - 90.0	3,154	91.7	90.0 - 93.1
Tennessee	6,854	91.5	90.2 - 92.5	2,109	90.1	87.8 - 91.9	4,745	91.7	90.2 - 92.9
Texas	24,874	92.0	91.3 - 92.6	7,779	89.7	88.4 - 90.8	17,095	92.9	92.2 - 93.6
Utah	4,251	92.2	90.9 - 93.4	1,361	90.4	87.8 - 92.5	2,890	92.7	91.1 - 94.0
Vermont	685	93.1	89.0 - 95.6	227	91.5	82.6 - 96.0	458	93.2	88.7 - 96.0
Washington	9,465	93.5	92.5 - 94.3	3,128	91.6	90.0 - 93.1	6,337	94.0	92.9 - 95.0
WA - Seattle	7,816	93.2	92.1 - 94.2	2,537	91.9	89.8 - 93.6	5,279	93.8	92.4 - 94.9
West Virginia	1,868	90.1	87.6 - 92.1	621	86.5	81.6 - 90.2	1,247	91.3	87.9 - 93.8
Wisconsin	6,963	93.0	92.0 - 94.0	2,158	91.6	89.5 - 93.3	4,805	93.3	92.1 - 94.4
Wyoming	497	94.6	90.3 - 97.1	164	92.3	82.6 - 96.7	333	95.0	89.8 - 97.6
NAACCR CDN Combined	22,248	82.1	81.4 - 82.8	8,596	77.9	76.7 - 79.1	13,652	84.7	83.9 - 85.5
Alberta	2,581	87.1	85.1 - 88.8	974	84.2	80.7 - 87.1	1,607	88.3	85.8 - 90.4
British Columbia	2,518	89.4	87.5 - 91.0	874	88.5	84.8 - 91.4	1,644	89.2	86.8 - 91.1
Manitoba	828	86.1	82.2 - 89.1	275	85.8	77.6 - 91.2	553	85.7	81.1 - 89.2
New Brunswick	341	84.1	77.6 - 88.8	112	79.4	67.2 - 87.4	229	85.7	78.1 - 90.8
Newfoundland and Labrador	214	84.3	78.4 - 88.7	89	82.0	71.8 - 88.9	125	83.9	76.8 - 88.9
Ontario	15,313	79.6	78.8 - 80.4	6,118	74.4	73.0 - 75.8	9,195	83.0	81.9 - 84.0
Prince Edward Island	58	91.5	73.8 - 97.4	17	*		41	90.8	67.7 - 97.7†
Saskatchewan	395	76.5	70.6 - 81.4	137	73.2	59.6 - 82.9	258	76.5	69.7 - 82.0
NAACCR N.A. Combined	314,319	90.8	90.7 - 91.0	102,610	88.9	88.5 - 89.2	211,709	91.8	91.6 - 92.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Thyroid**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	305,834	96.2	96.0 - 96.4	77,628	93.5	93.1 - 93.9	228,206	97.3	97.1 - 97.5
Alabama	3,447	95.5	93.4 - 97.0	891	92.0	88.4 - 94.5	2,556	96.0	93.4 - 97.5
Alaska	636	93.6	88.7 - 96.5	171	94.5	85.7 - 97.9	465	92.7	85.6 - 96.3
Arizona	6,786	96.4	95.0 - 97.4	1,665	91.8	89.0 - 94.0	5,121	97.8	96.9 - 98.5
Arkansas	2,561	95.7	93.6 - 97.2	665	91.1	84.4 - 95.0	1,896	96.0	93.4 - 97.6
California	36,250	94.7	94.0 - 95.2	8,925	92.2	91.0 - 93.3	27,325	95.4	94.7 - 96.0
CA - Greater California	20,094	95.1	94.2 - 95.8	4,886	92.7	91.3 - 93.8	15,208	95.7	94.7 - 96.4
CA - Greater Bay Area	6,536	93.1	91.7 - 94.2	1,716	90.8	87.7 - 93.2	4,820	93.6	91.8 - 95.0
CA - Los Angeles	9,621	94.4	93.3 - 95.4	2,323	90.9	88.4 - 92.9	7,298	95.5	94.5 - 96.4
Colorado	5,908	95.3	93.8 - 96.4	1,576	91.5	88.7 - 93.7	4,332	96.8	95.4 - 97.9
Connecticut	4,919	95.2	93.5 - 96.5	1,293	92.7	88.8 - 95.3	3,626	96.0	94.2 - 97.2
Delaware	1,122	95.9	91.6 - 98.0	248	89.9	80.5 - 94.9	874	96.1	91.0 - 98.3
District of Columbia	670	91.7	85.1 - 95.4	164	86.1	73.7 - 93.0	506	92.7	85.1 - 96.5
Florida	19,342	95.3	94.6 - 95.9	4,886	92.1	90.6 - 93.4	14,456	96.4	95.6 - 97.1
Georgia	8,759	96.4	94.8 - 97.5	2,123	93.0	90.7 - 94.7	6,636	97.1	95.1 - 98.3
Hawaii	1,500	88.1	84.7 - 90.8	380	83.7	77.2 - 88.5	1,120	89.9	85.8 - 92.8
Idaho	1,756	96.3	93.9 - 97.7	450	94.0	87.7 - 97.1	1,306	96.6	93.8 - 98.2
Illinois	13,804	96.8	96.0 - 97.4	3,582	94.4	92.9 - 95.6	10,222	97.6	96.7 - 98.2
Indiana	5,871	94.9	93.3 - 96.2	1,512	91.8	88.5 - 94.2	4,359	95.8	94.3 - 96.9
Iowa	3,133	93.6	91.3 - 95.4	846	90.1	84.9 - 93.5	2,287	94.8	92.3 - 96.6
Kansas	3,268	96.3	94.6 - 97.4	823	92.4	88.7 - 94.9	2,445	97.5	95.6 - 98.6
Kentucky	4,988	95.9	94.3 - 97.1	1,288	92.3	88.4 - 95.0	3,700	96.2	95.0 - 97.2
Louisiana	4,811	94.8	92.6 - 96.4	1,196	92.1	88.8 - 94.5	3,615	95.4	92.7 - 97.1
Maine	1,580	97.0	95.1 - 98.2	458	93.7	88.6 - 96.5	1,122	97.7	95.4 - 98.9
Maryland	6,392	96.5	95.3 - 97.3	1,511	94.0	91.4 - 95.9	4,881	96.9	95.2 - 98.0
MI - Detroit	4,500	95.1	93.3 - 96.4	1,115	89.3	85.4 - 92.2	3,385	96.4	95.1 - 97.4
Minnesota	5,133	94.3	92.9 - 95.5	1,412	91.6	88.5 - 93.9	3,721	95.2	93.5 - 96.5
Mississippi	2,232	95.6	93.6 - 97.0	542	92.1	87.6 - 95.0	1,690	95.3	93.1 - 96.8
Missouri	5,370	95.0	93.9 - 96.0	1,423	90.5	86.9 - 93.1	3,947	96.3	94.9 - 97.3
Montana	1,071	94.2	91.2 - 96.2	324	90.4	84.4 - 94.2	747	94.8	90.3 - 97.2
Nebraska	1,999	92.6	89.4 - 94.8	502	86.1	80.3 - 90.3	1,497	95.2	90.9 - 97.5
New Hampshire	1,594	97.2	94.6 - 98.5	411	95.3	91.5 - 97.5	1,183	96.7	93.6 - 98.3
New Jersey	12,593	97.6	96.6 - 98.3	3,201	95.9	94.2 - 97.1	9,392	98.0	96.7 - 98.8
New Mexico	2,337	95.1	93.0 - 96.6	593	88.3	82.8 - 92.1	1,744	97.3	94.6 - 98.6
New York	28,278	96.2	95.5 - 96.8	7,176	94.1	92.6 - 95.2	21,102	97.0	96.2 - 97.7
North Carolina	9,124	95.6	94.5 - 96.5	2,283	91.6	89.0 - 93.6	6,841	96.7	95.9 - 97.4
North Dakota	891	95.1	91.4 - 97.2	243	89.8	81.0 - 94.7	648	95.7	91.5 - 97.8
Ohio	12,784	96.2	95.2 - 97.0	3,095	92.8	90.3 - 94.6	9,689	97.4	96.2 - 98.2
Oklahoma	3,508	96.0	94.6 - 97.1	863	93.3	89.8 - 95.6	2,645	96.4	94.5 - 97.6
Oregon	4,055	95.2	93.1 - 96.7	1,063	90.9	87.0 - 93.6	2,992	96.4	93.7 - 97.9
Pennsylvania	18,483	97.3	96.5 - 97.8	4,761	95.4	93.9 - 96.5	13,722	97.8	96.9 - 98.4
Rhode Island	1,428	95.7	93.3 - 97.2	390	93.1	88.0 - 96.1	1,038	96.2	93.4 - 97.8
South Carolina	4,120	96.2	94.5 - 97.4	1,081	91.3	87.4 - 94.0	3,039	97.7	95.6 - 98.8
Tennessee	6,038	96.4	95.2 - 97.3	1,609	92.2	88.4 - 94.8	4,429	97.3	96.0 - 98.1
Texas	22,936	96.1	95.3 - 96.7	5,728	92.7	91.0 - 94.1	17,208	97.2	96.5 - 97.7
Utah	3,420	94.3	91.8 - 96.0	846	88.7	84.1 - 92.1	2,574	96.3	93.5 - 97.9
Vermont	671	92.6	88.7 - 95.2	196	90.3	83.5 - 94.4	475	93.2	87.8 - 96.3
Washington	6,984	95.3	94.2 - 96.1	1,838	92.0	89.7 - 93.8	5,146	96.3	94.8 - 97.4
WA - Seattle	5,023	94.9	93.0 - 96.3	1,342	92.4	89.7 - 94.5	3,681	95.5	93.3 - 96.9
West Virginia	2,343	96.5	93.8 - 98.1	574	94.6	88.3 - 97.6	1,769	96.4	93.2 - 98.1
Wisconsin	5,830	94.7	93.4 - 95.8	1,541	90.8	87.3 - 93.3	4,289	96.1	94.7 - 97.1
Wyoming	609	95.0	89.2 - 97.7	165	89.0	78.9 - 94.5	444	97.0	92.6 - 98.8
NAACCR CDN Combined	31,732	96.2	95.7 - 96.7	8,153	93.6	92.5 - 94.6	23,579	97.1	96.6 - 97.6
Alberta	3,649	94.8	92.5 - 96.4	984	92.0	87.5 - 94.9	2,665	95.5	93.4 - 97.0
British Columbia	3,182	91.1	89.3 - 92.6	886	86.6	82.9 - 89.6	2,296	92.4	90.0 - 94.3
Manitoba	1,020	93.4	89.9 - 95.7	264	88.7	81.8 - 93.1	756	94.5	89.5 - 97.1
New Brunswick	797	95.5	92.2 - 97.4	235	92.3	83.9 - 96.4	562	96.2	92.1 - 98.2
Newfoundland and Labrador	870	95.8	91.4 - 97.9	209	87.1	78.7 - 92.4	661	95.8	91.9 - 97.9
Ontario	21,437	97.2	96.6 - 97.7	5,333	94.9	93.5 - 96.0	16,104	97.9	97.2 - 98.4
Prince Edward Island	67	88.3	75.2 - 94.7	19	*		48	95.1	77.4 - 99.0†
Saskatchewan	710	92.3	88.7 - 94.8	223	89.9	83.5 - 93.9 †	487	95.4	92.0 - 97.3
NAACCR N.A. Combined	337,566	96.2	96.1 - 96.4	85,781	93.6	93.2 - 93.9	251,785	97.3	97.1 - 97.4

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-22 Survival – Thyroid

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	53,657	86.0	85.6 - 86.4	29,564	84.9	84.3 - 85.4	24,093	87.5	86.9 - 88.0
Alabama	765	82.6	78.3 - 86.1	424	81.2	75.6 - 85.6	341	83.8	78.1 - 88.2
Alaska	97	79.1	64.4 - 88.2†	52	76.3	55.6 - 88.3†	45	81.2	58.0 - 92.4†
Arizona	1,011	80.6	77.5 - 83.3	557	78.0	73.1 - 82.1	454	82.4	78.6 - 85.6
Arkansas	543	84.5	80.2 - 87.9	296	84.0	77.3 - 88.9	247	84.5	78.8 - 88.7
California	5,807	85.4	84.3 - 86.5	3,200	84.8	83.1 - 86.3	2,607	86.1	84.5 - 87.5
CA - Greater California	3,248	85.0	83.4 - 86.5	1,785	83.5	81.1 - 85.6	1,463	86.2	83.9 - 88.1
CA - Greater Bay Area	1,148	87.4	85.1 - 89.4	642	88.1	84.9 - 90.7	506	86.1	82.5 - 89.0
CA - Los Angeles	1,409	83.5	81.2 - 85.6	773	82.6	79.5 - 85.4	636	84.5	81.4 - 87.1
Colorado	886	89.8	87.2 - 91.9	516	86.0	80.3 - 90.2	370	91.9	88.0 - 94.5
Connecticut	806	90.2	87.2 - 92.6	454	88.6	84.3 - 91.8	352	91.7	87.4 - 94.6
Delaware	176	88.3	79.7 - 93.4	102	85.4	72.2 - 92.7	74	93.6	83.2 - 97.7†
District of Columbia	139	88.2	79.2 - 93.5†	68	87.9	71.2 - 95.2†	71	88.1	76.6 - 94.2†
Florida	4,611	85.0	83.7 - 86.2	2,478	82.9	81.0 - 84.6	2,133	87.2	85.3 - 88.8
Georgia	1,667	82.7	80.1 - 85.0	882	80.3	76.1 - 83.8	785	84.7	81.6 - 87.4
Hawaii	158	84.9	78.2 - 89.6	103	82.6	73.5 - 88.8	55	88.6	76.0 - 94.8†
Idaho	264	86.3	80.4 - 90.5	153	87.8	79.1 - 93.0	111	84.1	75.4 - 90.0
Illinois	2,452	83.3	81.3 - 85.1	1,360	82.3	79.5 - 84.8	1,092	84.4	81.5 - 86.9
Indiana	1,220	82.5	79.6 - 85.1	699	81.3	77.2 - 84.7	521	84.3	80.4 - 87.5
Iowa	624	88.3	84.9 - 91.0	369	86.9	81.9 - 90.6	255	89.2	84.9 - 92.4
Kansas	463	88.7	84.6 - 91.7	277	89.3	84.2 - 92.8	186	84.9	76.9 - 90.3
Kentucky	777	82.5	78.6 - 85.8	443	83.1	77.8 - 87.2	334	80.6	74.4 - 85.4
Louisiana	853	83.9	79.9 - 87.2	457	80.9	75.8 - 85.0	396	85.7	80.9 - 89.4
Maine	293	88.0	83.3 - 91.4	154	84.4	75.5 - 90.3†	139	91.2	86.0 - 94.5
Maryland	1,054	87.5	84.4 - 90.1	548	87.8	83.8 - 90.8	506	86.1	81.6 - 89.6
MI - Detroit	784	84.9	81.0 - 88.1	429	85.1	79.0 - 89.5	355	84.2	79.4 - 87.9
Minnesota	1,099	87.9	85.2 - 90.2	626	85.9	82.0 - 88.9	473	89.2	85.6 - 91.9
Mississippi	496	80.7	75.8 - 84.7	265	80.5	73.6 - 85.7	231	80.5	73.3 - 85.9
Missouri	1,149	84.4	81.6 - 86.8	627	84.4	80.5 - 87.6	522	83.8	79.9 - 86.9
Montana	172	89.8	84.0 - 93.6	93	94.5	84.4 - 98.1†	79	83.5	70.4 - 91.2†
Nebraska	360	84.6	79.7 - 88.4	206	82.2	74.7 - 87.7	154	87.4	80.5 - 92.0
New Hampshire	274	88.2	82.2 - 92.2	153	85.3	76.2 - 91.1	121	90.8	84.2 - 94.8
New Jersey	1,962	87.2	85.1 - 89.0	1,076	86.4	83.6 - 88.8	886	87.7	84.7 - 90.1
New Mexico	340	81.7	76.8 - 85.6	206	78.5	71.2 - 84.1	134	85.5	79.2 - 90.0
New York	4,333	86.4	85.0 - 87.7	2,324	86.2	84.4 - 87.9	2,009	86.5	84.5 - 88.3
North Carolina	1,758	85.7	83.4 - 87.7	975	83.3	80.2 - 86.0	783	87.4	84.1 - 90.1
North Dakota	143	88.2	81.3 - 92.7	88	86.9	77.0 - 92.8	55	90.3	75.6 - 96.4†
Ohio	2,144	86.4	84.5 - 88.0	1,194	84.2	80.8 - 87.0	950	88.2	85.4 - 90.5
Oklahoma	612	84.9	81.2 - 88.0	331	82.8	77.4 - 87.0	281	86.2	81.4 - 89.9
Oregon	664	85.0	81.3 - 88.0	357	81.9	77.1 - 85.8	307	88.6	82.6 - 92.6
Pennsylvania	2,865	88.4	86.6 - 89.9	1,610	87.0	84.6 - 89.0	1,255	89.5	87.0 - 91.5
Rhode Island	236	89.0	82.2 - 93.3	116	84.9	75.2 - 91.0	120	92.1	83.2 - 96.4
South Carolina	847	87.9	84.8 - 90.4	454	85.9	81.8 - 89.1	393	88.9	84.8 - 92.0
Tennessee	1,156	84.8	81.4 - 87.6	630	82.2	77.2 - 86.2	526	87.3	82.8 - 90.7
Texas	4,173	84.1	82.7 - 85.4	2,279	81.7	79.6 - 83.7	1,894	86.5	84.7 - 88.2
Utah	463	87.7	82.5 - 91.4	239	86.2	80.3 - 90.5	224	93.9	88.0 - 97.0†
Vermont	125	89.9	81.2 - 94.7	64	91.3	83.7 - 95.4	61	85.0	77.3 - 90.2
Washington	1,209	89.5	87.1 - 91.5	698	87.8	84.5 - 90.5	511	91.3	86.9 - 94.3
WA - Seattle	855	91.1	88.3 - 93.2	495	88.8	85.0 - 91.7	360	93.8	88.2 - 96.8
West Virginia	310	77.8	72.8 - 82.0	176	75.8	69.7 - 80.8	134	79.9	69.8 - 87.0†
Wisconsin	1,231	87.7	85.3 - 89.7	705	85.9	82.6 - 88.6	526	89.6	85.3 - 92.6
Wyoming	86	88.1	74.6 - 94.6	51	82.6	61.0 - 92.8	35	91.8	74.6 - 97.5†
NAACCR CDN Combined	4,848	86.5	85.3 - 87.7	2,687	85.5	83.8 - 87.0	2,161	87.5	85.7 - 89.1
Alberta	696	88.8	85.6 - 91.3	421	87.5	83.2 - 90.7	275	89.6	84.5 - 93.2
British Columbia	817	84.5	81.3 - 87.2	468	79.7	74.9 - 83.6	349	90.8	86.9 - 93.6
Manitoba	254	88.5	81.9 - 92.8†	154	90.1	81.5 - 94.9†	100	85.2	72.9 - 92.2†
New Brunswick	143	80.9	69.7 - 88.3	79	84.5	67.2 - 93.1†	64	75.7	59.1 - 86.3
Newfoundland and Labrador	95	83.1	70.6 - 90.6†	52	73.8	58.8 - 84.1	43	88.0	72.3 - 95.1†
Ontario	2,634	85.7	83.9 - 87.2	1,399	84.3	81.9 - 86.4	1,235	86.3	83.8 - 88.5
Prince Edward Island	30	90.6	65.2 - 97.7†	14	*		16	93.7	59.7 - 99.2†
Saskatchewan	179	88.4	81.0 - 93.0	100	89.4	81.9 - 93.9	79	86.0	71.8 - 93.4
NAACCR N.A. Combined	58,505	86.1	85.7 - 86.4	32,251	85.0	84.4 - 85.5	26,254	87.5	87.0 - 88.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Non-Hodgkin Lymphoma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	441,540	71.1	70.9 - 71.3	241,959	68.8	68.5 - 69.1	199,581	73.8	73.5 - 74.1
Alabama	6,263	68.4	66.6 - 70.1	3,397	67.0	64.4 - 69.4	2,866	69.3	66.7 - 71.8
Alaska	797	67.6	61.7 - 72.7	484	63.3	55.8 - 69.8	313	72.9	65.0 - 79.3
Arizona	8,496	67.2	65.7 - 68.6	4,758	64.4	62.3 - 66.4	3,738	70.5	68.3 - 72.5
Arkansas	4,362	70.2	68.0 - 72.3	2,411	66.5	63.2 - 69.6	1,951	74.0	70.9 - 76.8
California	51,031	69.9	69.2 - 70.5	28,374	68.2	67.4 - 69.1	22,657	72.0	71.1 - 72.8
CA - Greater California	27,937	69.6	68.8 - 70.5	15,665	67.9	66.7 - 69.0	12,272	72.0	70.8 - 73.1
CA - Greater Bay Area	10,722	73.6	72.3 - 74.9	6,011	72.4	70.6 - 74.2	4,711	75.4	73.5 - 77.3
CA - Los Angeles	12,384	66.9	65.7 - 68.2	6,707	65.2	63.4 - 67.0	5,677	68.9	67.1 - 70.6
Colorado	6,622	72.6	70.8 - 74.2	3,731	71.0	68.7 - 73.3	2,891	74.3	71.7 - 76.7
Connecticut	6,417	75.3	73.7 - 76.9	3,481	73.1	70.6 - 75.4	2,936	78.0	75.6 - 80.1
Delaware	1,645	69.7	66.4 - 72.8	899	66.6	61.8 - 70.9	746	72.3	67.9 - 76.2
District of Columbia	700	64.1	58.7 - 69.0	400	54.8	46.7 - 62.2	300	71.0	64.5 - 76.5
Florida	41,153	72.1	71.4 - 72.8	22,346	68.9	67.9 - 69.8	18,807	75.9	74.9 - 76.8
Georgia	12,789	67.6	66.2 - 69.0	7,036	64.8	62.8 - 66.8	5,753	71.1	69.1 - 72.9
Hawaii	1,925	67.2	64.2 - 69.9	1,108	66.2	62.0 - 70.0	817	67.6	63.2 - 71.6
Idaho	2,362	70.7	67.7 - 73.6	1,339	67.7	63.3 - 71.6	1,023	73.7	69.4 - 77.5
Illinois	18,977	72.3	71.3 - 73.3	10,235	70.5	69.1 - 71.9	8,742	74.4	73.0 - 75.7
Indiana	9,661	68.3	66.8 - 69.8	5,257	65.9	63.7 - 68.0	4,404	71.1	68.9 - 73.1
Iowa	5,425	72.1	70.3 - 73.9	3,031	70.2	67.6 - 72.6	2,394	74.3	71.7 - 76.8
Kansas	4,402	74.6	72.5 - 76.5	2,405	72.4	69.4 - 75.2	1,997	76.8	73.7 - 79.5
Kentucky	7,140	69.0	67.3 - 70.7	3,895	66.0	63.7 - 68.1	3,245	72.3	69.8 - 74.7
Louisiana	6,716	68.4	66.6 - 70.1	3,683	66.0	63.4 - 68.4	3,033	71.0	68.5 - 73.3
Maine	2,574	74.1	71.3 - 76.6	1,432	73.2	69.2 - 76.9	1,142	74.2	70.2 - 77.8
Maryland	8,100	72.5	70.9 - 74.0	4,310	69.5	67.2 - 71.7	3,790	75.6	73.5 - 77.7
MI - Detroit	6,464	68.9	67.1 - 70.6	3,469	65.5	62.9 - 67.9	2,995	72.6	70.0 - 74.9
Minnesota	9,213	73.8	72.4 - 75.2	5,194	70.8	68.8 - 72.6	4,019	77.7	75.7 - 79.5
Mississippi	3,918	65.8	63.3 - 68.1	2,113	61.7	58.1 - 65.1	1,805	69.9	66.7 - 72.9
Missouri	9,196	71.1	69.6 - 72.5	5,031	67.8	65.7 - 69.9	4,165	74.7	72.6 - 76.7
Montana	1,679	74.1	70.8 - 77.0	952	73.8	69.4 - 77.7	727	73.7	68.7 - 78.0
Nebraska	2,957	72.4	69.7 - 74.9	1,609	70.6	66.7 - 74.2	1,348	74.2	70.5 - 77.5
New Hampshire	2,409	76.0	73.0 - 78.8	1,344	74.0	69.7 - 77.8	1,065	78.1	73.8 - 81.9
New Jersey	15,556	73.4	72.3 - 74.4	8,362	71.0	69.4 - 72.6	7,194	76.2	74.6 - 77.6
New Mexico	2,534	68.4	65.6 - 71.0	1,324	64.0	60.0 - 67.7	1,210	72.3	68.6 - 75.6
New York	33,770	72.2	71.5 - 73.0	18,124	69.9	68.8 - 70.9	15,646	75.0	73.9 - 76.0
North Carolina	13,897	70.2	69.0 - 71.4	7,571	68.3	66.5 - 70.1	6,326	72.4	70.7 - 74.1
North Dakota	1,066	70.9	67.0 - 74.4	580	68.2	62.5 - 73.3	486	73.7	68.0 - 78.6
Ohio	17,995	71.7	70.6 - 72.7	9,852	69.3	67.8 - 70.7	8,143	74.5	73.0 - 75.9
Oklahoma	5,295	66.7	64.7 - 68.6	2,843	65.4	62.5 - 68.1	2,452	68.1	65.3 - 70.7
Oregon	6,243	73.0	71.2 - 74.7	3,457	71.9	69.4 - 74.2	2,786	74.2	71.8 - 76.5
Pennsylvania	23,288	71.7	70.8 - 72.6	12,474	69.6	68.3 - 70.9	10,814	74.1	72.8 - 75.3
Rhode Island	1,764	73.6	70.6 - 76.5	963	72.1	67.6 - 76.1	801	74.9	70.4 - 78.8
South Carolina	6,626	68.9	67.0 - 70.6	3,662	66.7	64.1 - 69.2	2,964	71.5	69.0 - 73.9
Tennessee	9,401	68.7	67.2 - 70.2	5,196	66.6	64.4 - 68.6	4,205	71.1	68.9 - 73.2
Texas	31,739	69.6	68.8 - 70.4	17,606	66.8	65.6 - 67.9	14,133	72.9	71.7 - 74.0
Utah	3,163	73.2	70.7 - 75.5	1,834	72.1	68.8 - 75.1	1,329	74.5	70.7 - 77.8
Vermont	1,118	75.2	70.8 - 79.1	615	70.8	64.4 - 76.2	503	77.3	72.1 - 81.6
Washington	10,790	72.7	71.4 - 74.0	6,089	70.6	68.7 - 72.4	4,701	75.5	73.6 - 77.3
WA - Seattle	7,844	72.2	70.6 - 73.7	4,466	70.3	68.1 - 72.4	3,378	74.4	72.2 - 76.6
West Virginia	3,266	68.2	65.5 - 70.7	1,768	66.6	63.2 - 69.8	1,498	69.9	66.1 - 73.3
Wisconsin	9,884	74.8	73.4 - 76.2	5,489	73.3	71.2 - 75.2	4,395	76.6	74.6 - 78.5
Wyoming	752	70.2	64.7 - 75.1	426	68.1	60.4 - 74.6	326	73.7	65.5 - 80.2
NAACCR CDN Combined	42,019	69.8	69.2 - 70.4	23,388	67.8	66.9 - 68.7	18,631	72.3	71.4 - 73.2
Alberta	5,336	70.7	68.9 - 72.4	3,026	68.4	65.7 - 70.9	2,310	72.9	70.3 - 75.3
British Columbia	7,654	70.6	69.1 - 72.0	4,318	67.7	65.7 - 69.6	3,336	74.1	72.0 - 76.1
Manitoba	2,087	67.6	64.6 - 70.4	1,165	66.8	62.5 - 70.7	922	68.2	64.0 - 72.1
New Brunswick	1,552	69.8	66.3 - 73.0	842	66.8	61.8 - 71.3	710	73.0	68.1 - 77.3
Newfoundland and Labrador	1,034	71.0	66.1 - 75.2	561	67.1	60.0 - 73.3	473	74.4	67.8 - 79.8
Ontario	22,433	69.6	68.7 - 70.5	12,429	67.9	66.6 - 69.1	10,004	71.6	70.4 - 72.8
Prince Edward Island	244	61.4	51.8 - 69.6	148	58.1	44.9 - 69.1	96	65.8	50.8 - 77.2
Saskatchewan	1,679	67.5	64.1 - 70.7	899	64.6	59.8 - 68.9	780	70.6	65.6 - 75.0
NAACCR N.A. Combined	483,559	71.0	70.8 - 71.2	265,347	68.7	68.5 - 69.0	218,212	73.7	73.4 - 74.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

All Races

III-24 Survival – Non-Hodgkin Lymphoma

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Myeloma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	165,750	57.1	56.7 - 57.4	92,448	56.6	56.1 - 57.1	73,302	57.8	57.2 - 58.3
Alabama	2,867	53.9	51.0 - 56.7	1,559	50.9	46.9 - 54.8	1,308	56.8	52.8 - 60.6
Alaska	235	54.2	43.4 - 63.8	141	48.2	36.2 - 59.2	94	54.8	38.7 - 68.4
Arizona	2,919	52.3	49.5 - 55.1	1,721	50.8	47.1 - 54.5	1,198	54.1	49.9 - 58.1
Arkansas	1,736	59.6	55.9 - 63.0	936	57.4	52.2 - 62.2	800	60.9	55.7 - 65.6
California	17,196	55.2	54.0 - 56.3	9,908	55.2	53.6 - 56.7	7,288	55.2	53.4 - 57.0
CA - Greater California	9,607	53.9	52.3 - 55.4	5,564	54.3	52.2 - 56.3	4,043	53.3	50.8 - 55.7
CA - Greater Bay Area	3,409	59.2	56.5 - 61.8	1,976	59.2	55.7 - 62.6	1,433	59.0	54.8 - 62.9
CA - Los Angeles	4,182	54.8	52.4 - 57.0	2,370	53.6	50.5 - 56.6	1,812	56.3	52.7 - 59.8
Colorado	2,453	57.7	54.6 - 60.6	1,482	55.9	52.1 - 59.6	971	59.7	54.8 - 64.3
Connecticut	2,294	64.5	61.4 - 67.4	1,312	63.3	59.1 - 67.3	982	66.0	61.3 - 70.2
Delaware	621	56.5	50.3 - 62.2	328	59.3	50.8 - 66.8	293	51.5	42.4 - 59.8
District of Columbia	419	63.9	55.7 - 71.0	205	60.0	46.4 - 71.2	214	68.3	58.9 - 75.9
Florida	15,831	60.7	59.5 - 61.9	8,804	59.6	57.9 - 61.2	7,027	62.1	60.3 - 63.8
Georgia	6,239	57.7	55.7 - 59.6	3,293	55.7	52.9 - 58.4	2,946	59.6	56.8 - 62.3
Hawaii	649	48.0	41.9 - 53.8	369	43.0	34.5 - 51.2	280	55.2	47.2 - 62.6
Idaho	841	53.1	47.6 - 58.4	513	55.0	47.4 - 62.1	328	48.7	40.5 - 56.5
Illinois	6,701	57.5	55.6 - 59.4	3,608	57.3	54.7 - 59.8	3,093	57.7	54.8 - 60.4
Indiana	3,583	55.9	53.4 - 58.3	1,974	53.8	50.4 - 57.1	1,609	58.4	54.7 - 61.8
Iowa	1,872	54.5	51.0 - 57.9	1,075	55.4	50.7 - 59.8	797	52.8	47.3 - 58.0
Kansas	1,545	60.0	56.1 - 63.6	884	57.4	52.0 - 62.4	661	63.6	58.2 - 68.5
Kentucky	2,540	50.9	47.7 - 53.9	1,486	50.0	45.8 - 54.1	1,054	52.0	47.2 - 56.5
Louisiana	2,926	53.4	50.5 - 56.2	1,586	52.5	48.4 - 56.5	1,340	54.7	50.6 - 58.6
Maine	795	55.6	50.2 - 60.6	445	55.5	48.0 - 62.4	350	56.4	48.8 - 63.2
Maryland	3,423	58.0	55.3 - 60.6	1,767	58.5	54.7 - 62.1	1,656	57.6	53.8 - 61.2
MI - Detroit	2,616	54.2	51.2 - 57.0	1,402	53.8	49.7 - 57.7	1,214	54.2	49.9 - 58.3
Minnesota	2,993	58.2	55.4 - 60.9	1,748	58.6	54.8 - 62.2	1,245	57.9	53.7 - 61.9
Mississippi	1,938	47.1	43.5 - 50.7	1,038	47.7	42.6 - 52.7	900	46.5	41.5 - 51.4
Missouri	3,356	54.9	52.2 - 57.5	1,899	53.9	50.2 - 57.4	1,457	56.1	51.9 - 60.1
Montana	638	59.3	53.4 - 64.7	383	59.5	51.5 - 66.6	255	55.7	45.9 - 64.5†
Nebraska	942	55.9	51.0 - 60.6	573	51.3	44.7 - 57.5	369	62.1	54.5 - 68.8
New Hampshire	731	63.7	58.3 - 68.6	413	65.0	57.4 - 71.6	318	62.0	54.3 - 68.8
New Jersey	5,554	61.1	59.1 - 63.2	3,049	60.8	57.8 - 63.7	2,505	61.6	58.7 - 64.3
New Mexico	964	53.8	48.8 - 58.6	569	53.9	47.1 - 60.2	395	52.7	45.5 - 59.3
New York	13,506	59.4	58.1 - 60.7	7,329	59.5	57.7 - 61.3	6,177	59.4	57.5 - 61.1
North Carolina	6,455	58.5	56.5 - 60.4	3,477	59.3	56.5 - 61.9	2,978	58.3	55.5 - 60.9
North Dakota	363	52.2	45.4 - 58.6	208	54.0	45.1 - 62.1	155	48.2	36.7 - 58.8†
Ohio	5,787	53.4	51.3 - 55.4	3,258	51.6	48.8 - 54.4	2,529	55.3	52.3 - 58.3
Oklahoma	1,949	53.2	49.6 - 56.6	1,105	52.1	47.2 - 56.7	844	53.2	48.1 - 58.0
Oregon	1,835	58.2	54.5 - 61.8	1,085	57.2	51.8 - 62.2	750	59.0	53.7 - 64.0
Pennsylvania	7,836	56.8	55.1 - 58.4	4,369	56.5	54.1 - 58.7	3,467	57.2	54.7 - 59.7
Rhode Island	527	63.8	57.7 - 69.3	301	67.9	59.0 - 75.2	226	59.5	51.2 - 66.9
South Carolina	3,327	54.0	51.3 - 56.5	1,781	55.4	51.7 - 58.8	1,546	52.7	48.9 - 56.4
Tennessee	3,582	54.8	52.2 - 57.4	2,006	55.0	51.4 - 58.5	1,576	54.4	50.6 - 58.1
Texas	13,442	56.5	55.1 - 57.8	7,431	55.6	53.8 - 57.4	6,011	57.4	55.5 - 59.3
Utah	1,104	60.7	56.3 - 64.7	661	61.4	55.6 - 66.7	443	59.7	53.2 - 65.5
Vermont	327	57.8	49.2 - 65.5	201	56.2	45.7 - 65.5	126	56.0	42.8 - 67.3
Washington	3,541	58.8	56.2 - 61.3	2,095	59.3	55.9 - 62.6	1,446	57.7	53.8 - 61.4
WA - Seattle	2,603	57.1	54.1 - 60.0	1,534	57.4	53.3 - 61.2	1,069	56.4	51.8 - 60.7
West Virginia	1,072	48.4	43.5 - 53.2	609	47.1	40.2 - 53.6	463	52.0	45.6 - 58.0
Wisconsin	3,428	60.4	57.9 - 62.8	1,919	60.5	57.0 - 63.9	1,509	60.5	57.0 - 63.8
Wyoming	252	58.3	48.1 - 67.1†	143	53.0	44.4 - 60.7	109	54.4	39.4 - 67.2†
NAACCR CDN Combined	15,372	55.0	53.8 - 56.2	8,898	54.2	52.6 - 55.8	6,474	56.2	54.3 - 58.0
Alberta	1,672	61.1	57.6 - 64.5	1,025	60.8	56.2 - 65.1	647	61.9	56.4 - 67.0
British Columbia	2,498	52.8	49.7 - 55.8	1,483	50.3	46.2 - 54.3	1,015	56.1	51.5 - 60.4
Manitoba	699	49.5	43.4 - 55.3	409	49.6	41.5 - 57.2	290	47.2	37.7 - 56.2
New Brunswick	441	52.0	44.8 - 58.7†	258	56.9	47.3 - 65.5†	183	45.0	34.2 - 55.2†
Newfoundland and Labrador	283	55.8	47.0 - 63.7	157	59.9	47.8 - 70.1	126	49.3	35.6 - 61.6†
Ontario	9,112	55.0	53.4 - 56.6	5,168	54.2	52.1 - 56.3	3,944	56.2	53.8 - 58.6
Prince Edward Island	104	39.5	26.5 - 52.3	65	42.4	23.5 - 60.1†	39	*	
Saskatchewan	563	51.6	45.6 - 57.3	333	46.4	38.4 - 54.0	230	57.8	49.3 - 65.4
NAACCR N.A. Combined	181,122	56.9	56.5 - 57.2	101,346	56.4	55.9 - 56.8	79,776	57.6	57.1 - 58.1

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	308,382	58.2	57.9 - 58.4	180,839	58.0	57.7 - 58.4	127,543	58.3	57.9 - 58.7
Alabama	4,470	53.7	51.5 - 55.9	2,552	54.2	51.2 - 57.1	1,918	52.4	49.1 - 55.6
Alaska	475	55.7	48.7 - 62.2	299	55.7	47.0 - 63.6	176	54.4	43.2 - 64.3
Arizona	5,432	45.5	43.7 - 47.3	3,232	44.5	42.1 - 46.8	2,200	46.6	43.8 - 49.4
Arkansas	3,191	57.7	55.0 - 60.4	1,874	57.1	53.5 - 60.5	1,317	58.4	54.1 - 62.4
California	31,769	54.5	53.7 - 55.3	18,770	55.4	54.3 - 56.4	12,999	53.2	52.0 - 54.4
CA - Greater California	18,267	53.8	52.7 - 54.8	10,788	54.4	53.0 - 55.8	7,479	52.7	51.1 - 54.3
CA - Greater Bay Area	5,992	57.9	56.1 - 59.6	3,645	58.5	56.1 - 60.7	2,347	56.7	53.9 - 59.3
CA - Los Angeles	7,512	53.3	51.7 - 54.9	4,338	54.5	52.4 - 56.6	3,174	51.3	48.8 - 53.8
Colorado	4,726	60.5	58.5 - 62.5	2,848	60.0	57.3 - 62.6	1,878	61.2	58.0 - 64.1
Connecticut	4,319	60.0	57.9 - 62.1	2,416	60.3	57.2 - 63.2	1,903	59.6	56.4 - 62.6
Delaware	1,007	57.7	53.5 - 61.6	630	56.6	51.3 - 61.6	377	59.0	52.4 - 65.1
District of Columbia	365	51.7	44.2 - 58.7	205	51.3	40.6 - 61.0	160	49.5	39.3 - 59.0
Florida	31,455	63.0	62.2 - 63.8	18,089	61.3	60.2 - 62.3	13,366	65.3	64.1 - 66.4
Georgia	9,631	57.3	55.8 - 58.8	5,533	56.9	54.9 - 58.9	4,098	57.7	55.4 - 59.9
Hawaii	1,135	46.1	42.3 - 49.8	702	46.2	41.4 - 50.8	433	45.0	38.5 - 51.3
Idaho	1,902	60.7	57.5 - 63.7	1,121	61.1	56.9 - 65.0	781	60.4	55.4 - 65.0
Illinois	12,182	54.1	52.8 - 55.4	7,048	55.1	53.5 - 56.8	5,134	52.7	50.8 - 54.5
Indiana	6,726	52.6	50.8 - 54.4	3,946	52.7	50.3 - 55.0	2,780	52.5	49.8 - 55.1
Iowa	4,095	58.7	56.4 - 60.8	2,464	59.5	56.6 - 62.3	1,631	57.2	53.8 - 60.4
Kansas	3,273	62.6	60.2 - 64.9	1,989	62.1	58.9 - 65.2	1,284	62.6	59.0 - 66.0
Kentucky	5,321	55.2	53.2 - 57.2	3,034	54.6	51.7 - 57.3	2,287	55.9	52.9 - 58.8
Louisiana	4,604	58.2	56.1 - 60.3	2,660	58.3	55.3 - 61.0	1,944	57.7	54.6 - 60.7
Maine	1,736	62.1	58.8 - 65.2	1,034	58.7	54.1 - 62.9	702	65.3	60.5 - 69.5
Maryland	5,194	55.0	53.0 - 57.0	2,941	53.3	50.6 - 55.9	2,253	56.9	53.9 - 59.7
MI - Detroit	4,727	58.5	56.5 - 60.5	2,710	58.4	55.5 - 61.2	2,017	57.8	54.7 - 60.8
Minnesota	6,786	61.4	59.7 - 63.0	4,206	61.1	58.9 - 63.2	2,580	61.7	59.0 - 64.2
Mississippi	2,695	52.0	49.2 - 54.7	1,579	49.4	45.8 - 52.9	1,116	55.4	51.1 - 59.4
Missouri	6,477	55.6	53.8 - 57.3	3,802	54.8	52.4 - 57.1	2,675	56.3	53.6 - 58.9
Montana	1,310	64.0	60.1 - 67.6	851	64.0	59.0 - 68.6	459	63.1	57.2 - 68.4
Nebraska	1,961	55.0	51.8 - 58.1	1,195	55.7	51.6 - 59.6	766	53.1	48.1 - 57.8
New Hampshire	1,527	60.8	57.3 - 64.1	962	60.6	56.1 - 64.9	565	60.6	55.0 - 65.6
New Jersey	10,605	60.7	59.4 - 62.1	6,116	61.5	59.6 - 63.3	4,489	59.4	57.3 - 61.3
New Mexico	2,001	56.1	52.8 - 59.3	1,142	55.1	50.7 - 59.3	859	56.6	51.7 - 61.3
New York	24,557	60.5	59.6 - 61.4	14,225	61.1	59.9 - 62.3	10,332	59.8	58.4 - 61.1
North Carolina	10,775	60.2	58.8 - 61.5	6,324	60.4	58.6 - 62.2	4,451	59.8	57.7 - 61.8
North Dakota	864	63.0	58.6 - 67.0	520	60.7	55.0 - 65.9	344	64.2	57.4 - 70.3
Ohio	10,457	53.7	52.3 - 55.1	6,134	54.0	52.1 - 55.8	4,323	53.2	51.1 - 55.4
Oklahoma	3,925	55.8	53.5 - 58.0	2,294	55.2	52.1 - 58.1	1,631	56.6	53.2 - 59.9
Oregon	3,962	59.3	57.0 - 61.5	2,351	58.0	55.0 - 60.9	1,611	60.7	57.2 - 64.0
Pennsylvania	15,519	58.2	57.0 - 59.3	9,123	58.2	56.7 - 59.7	6,396	58.0	56.2 - 59.7
Rhode Island	1,220	60.7	56.7 - 64.5	741	59.7	54.0 - 64.9	479	60.8	55.1 - 66.0
South Carolina	4,905	53.7	51.8 - 55.7	2,853	52.2	49.6 - 54.8	2,052	55.6	52.7 - 58.5
Tennessee	6,585	57.8	56.0 - 59.6	3,840	56.8	54.4 - 59.2	2,745	58.9	56.3 - 61.5
Texas	23,471	58.5	57.5 - 59.4	13,790	58.0	56.7 - 59.3	9,681	59.0	57.5 - 60.5
Utah	2,378	58.4	55.4 - 61.2	1,438	59.6	55.8 - 63.2	940	55.8	51.2 - 60.1
Vermont	656	58.4	52.6 - 63.7	391	56.8	49.7 - 63.2	265	57.9	48.8 - 65.9
Washington	7,483	63.0	61.3 - 64.6	4,502	63.0	60.9 - 65.1	2,981	62.2	59.8 - 64.5
WA - Seattle	5,568	64.4	62.6 - 66.3	3,338	64.4	61.9 - 66.8	2,230	64.1	61.3 - 66.7
West Virginia	2,411	57.3	54.3 - 60.1	1,419	57.7	53.8 - 61.5	992	56.0	51.4 - 60.4
Wisconsin	7,573	63.7	62.1 - 65.3	4,617	64.1	61.9 - 66.1	2,956	63.0	60.5 - 65.4
Wyoming	544	59.4	53.3 - 64.9	327	58.6	51.0 - 65.5	217	59.6	49.9 - 68.0
NAACCR CDN Combined	32,055	62.9	62.1 - 63.6	19,131	62.4	61.4 - 63.4	12,924	63.6	62.4 - 64.7
Alberta	4,081	65.9	63.8 - 67.9	2,509	64.9	62.2 - 67.5	1,572	67.0	63.8 - 70.0
British Columbia	4,986	57.8	55.9 - 59.6	3,037	57.9	55.5 - 60.2	1,949	57.3	54.4 - 60.0
Manitoba	1,390	60.0	56.1 - 63.7	849	56.7	51.5 - 61.6	541	64.1	58.5 - 69.2
New Brunswick	1,151	62.4	58.4 - 66.2	678	63.0	57.7 - 67.9	473	61.1	54.9 - 66.7
Newfoundland and Labrador	409	50.4	44.3 - 56.1	236	51.2	43.0 - 58.8	173	49.1	40.5 - 57.2
Ontario	18,543	64.0	63.0 - 65.0	10,897	63.6	62.2 - 64.9	7,646	64.4	62.8 - 65.8
Prince Edward Island	141	62.2	51.5 - 71.2	84	56.9	44.2 - 67.7	57	63.8	48.5 - 75.7†
Saskatchewan	1,354	61.8	57.9 - 65.6	841	61.1	56.1 - 65.6	513	62.6	55.8 - 68.5
NAACCR N.A. Combined	340,437	58.6	58.4 - 58.9	199,970	58.4	58.1 - 58.8	140,467	58.8	58.4 - 59.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, All Races, Mesothelioma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	19,883	16.3	15.4 - 17.1	14,819	13.8	12.7 - 14.8	5,064	21.6	20.0 - 23.3
Alabama	269	12.0	6.9 - 18.7 †	213	7.8	3.0 - 15.6 †	56	26.5	12.6 - 42.7 †
Alaska	49	14.4	4.2 - 30.6 †	36	15.5	3.9 - 34.3 †	13	*	
Arizona	459	16.9	11.5 - 23.1	357	18.1	12.2 - 25.0	102	16.3	8.0 - 27.1 †
Arkansas	170	10.3	5.0 - 17.8 †	129	9.9	4.1 - 18.8 †	41	12.9	3.5 - 28.7 †
California	2,260	16.2	13.7 - 18.8	1,643	9.5	7.4 - 11.9 †	617	17.1	13.2 - 21.5
CA - Greater California	1,342	11.7	9.1 - 14.6 †	995	8.8	6.3 - 11.9 †	347	19.4	12.7 - 27.2 †
CA - Greater Bay Area	443	11.0	6.9 - 16.2 †	308	11.0	6.7 - 16.6 †	135	9.2	2.5 - 21.6 †
CA - Los Angeles	475	11.3	7.5 - 15.9 †	340	9.6	5.3 - 15.4 †	135	14.1	7.6 - 22.5 †
Colorado	309	15.2	9.8 - 21.6 †	232	10.8	5.8 - 17.5 †	77	29.8	16.6 - 44.2 †
Connecticut	293	16.7	10.2 - 24.6	231	10.5	7.9 - 13.5	62	21.2	9.3 - 36.3
Delaware	98	14.8	5.9 - 27.4 †	80	10.0	3.0 - 22.0 †	18	*	
District of Columbia	20	0.0		14	0.0		*	*	
Florida	1,559	15.3	12.2 - 18.8	1,179	13.4	9.7 - 17.7	380	16.7	11.6 - 22.7 †
Georgia	400	15.5	10.0 - 22.1	296	12.7	7.4 - 19.5 †	104	13.8	4.8 - 27.6 †
Hawaii	51	11.5	2.9 - 26.9 †	42	7.3	0.7 - 24.9 †	*	*	
Idaho	142	12.1	5.0 - 22.7 †	110	15.7	7.0 - 27.4	32	*	
Illinois	926	15.2	11.5 - 19.5	665	14.9	10.1 - 20.5	261	19.0	12.7 - 26.2
Indiana	467	11.4	7.3 - 16.3	345	13.3	9.4 - 17.7	122	16.4	8.7 - 26.2 †
Iowa	223	15.6	9.2 - 23.4 †	163	10.5	4.0 - 20.7 †	60	27.8	14.7 - 42.5 †
Kansas	165	17.0	10.4 - 25.0 †	118	15.2	7.9 - 24.7	47	18.9	5.2 - 39.1 †
Kentucky	251	11.9	7.1 - 18.1 †	193	10.0	5.1 - 16.8 †	58	18.0	7.2 - 32.8 †
Louisiana	443	11.1	6.5 - 17.1	313	9.4	5.2 - 15.0	130	15.1	6.5 - 27.0 †
Maine	178	14.5	7.7 - 23.4 †	141	8.9	2.5 - 20.6 †	37	26.7	11.4 - 44.7 †
Maryland	312	16.1	10.7 - 22.5 †	215	7.7	3.1 - 15.1 †	97	34.2	22.3 - 46.4 †
MI - Detroit	275	11.6	6.0 - 19.1 †	200	9.6	4.5 - 16.9 †	75	0.0	
Minnesota	491	18.2	13.4 - 23.5	368	7.9	4.6 - 12.3 †	123	32.4	23.5 - 41.7
Mississippi	174	14.9	8.2 - 23.4 †	123	11.9	4.9 - 22.3 †	51	*	
Missouri	365	13.1	8.8 - 18.2 †	273	9.1	5.0 - 14.6	92	22.7	13.6 - 33.2 †
Montana	118	9.2	3.5 - 18.3 †	87	*		31	24.3	9.0 - 43.6 †
Nebraska	111	13.0	5.1 - 24.7 †	80	0.0		31	24.2	10.0 - 41.8 †
New Hampshire	119	11.6	5.4 - 20.3 †	95	*		24	*	
New Jersey	794	19.2	15.0 - 23.7	565	11.5	8.0 - 15.7 †	229	13.6	6.6 - 23.2 †
New Mexico	121	12.2	6.2 - 20.2 †	94	14.9	7.5 - 24.8 †	27	4.7	0.3 - 19.6 †
New York	1,341	16.7	13.6 - 20.0	983	13.7	10.2 - 17.8	358	23.4	17.3 - 29.9
North Carolina	523	18.8	13.8 - 24.3	392	15.0	10.2 - 20.8	131	25.7	16.0 - 36.6 †
North Dakota	46	20.0	5.9 - 40.1 †	36	*		10	*	
Ohio	941	8.4	5.8 - 11.6 †	721	6.1	3.7 - 9.4 †	220	16.3	9.3 - 25.0 †
Oklahoma	207	15.7	9.6 - 23.1	156	9.9	3.9 - 19.1	51	28.7	13.7 - 45.6 †
Oregon	304	16.0	10.5 - 22.5 †	229	19.3	12.7 - 26.8 †	75	0.0	
Pennsylvania	1,265	17.4	13.9 - 21.2	931	14.5	10.3 - 19.4	334	21.8	17.0 - 27.0
Rhode Island	97	17.4	8.0 - 29.7	79	12.5	5.4 - 22.7	18	*	
South Carolina	349	13.9	8.7 - 20.3	260	10.9	4.7 - 20.2	89	23.2	12.7 - 35.5 †
Tennessee	363	10.6	6.7 - 15.6	274	2.8	0.7 - 7.6	89	19.4	12.7 - 27.1
Texas	1,267	19.0	16.0 - 22.2	972	16.4	12.5 - 20.7	295	23.5	17.5 - 30.0
Utah	137	13.8	6.9 - 23.1 †	100	6.9	2.0 - 15.9 †	37	*	
Vermont	48	16.0	6.3 - 29.7 †	41	9.0	1.9 - 23.1 †	*	*	
Washington	606	13.7	9.6 - 18.4	459	7.3	4.1 - 11.6 †	147	14.0	7.9 - 21.9 †
WA - Seattle	430	8.6	5.1 - 13.3 †	325	5.7	2.5 - 10.6 †	105	18.3	10.2 - 28.3 †
West Virginia	196	*		159	*		37	*	
Wisconsin	530	11.5	8.2 - 15.5 †	393	9.7	6.2 - 14.0 †	137	17.0	9.5 - 26.3 †
Wyoming	51	19.1	5.0 - 40.1 †	34	23.6	8.0 - 43.7 †	17	0.0	
NAACCR CDN Combined	2,865	14.7	12.5 - 17.0	2,260	11.7	8.9 - 14.9	605	22.4	17.9 - 27.1
Alberta	358	7.1	3.6 - 12.3 †	294	6.8	3.3 - 12.2 †	64	7.3	0.7 - 25.4 †
British Columbia	653	8.5	5.5 - 12.4 †	538	8.6	5.3 - 12.9 †	115	9.4	3.3 - 19.4
Manitoba	150	4.5	1.1 - 12.0 †	121	5.3	1.5 - 12.6	29	*	
New Brunswick	97	5.9	1.3 - 15.5 †	74	6.1	0.7 - 20.6 †	23	5.0	0.3 - 20.4 †
Newfoundland and Labrador	37	21.5	8.5 - 38.4 †	30	14.2	3.6 - 31.6 †	*	*	
Ontario	1,437	18.7	15.6 - 22.0	1,098	13.8	9.7 - 18.6	339	29.2	23.3 - 35.3
Prince Edward Island	23	*		17	0.0		*	*	
Saskatchewan	110	12.0	6.1 - 20.0 †	88	*		22	*	
NAACCR N.A. Combined	22,748	16.1	15.3 - 16.9	17,079	13.5	12.5 - 14.5	5,669	21.7	20.1 - 23.3

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, All Sites (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	8,316,237	65.3	65.2 - 65.3	4,192,085	63.3	63.3 - 63.4	4,124,152	67.0	66.9 - 67.1
Alabama	130,214	62.0	61.6 - 62.4	68,307	60.1	59.5 - 60.7	61,907	63.8	63.2 - 64.4
Alaska	14,257	64.5	63.2 - 65.8	7,570	62.9	61.1 - 64.7	6,687	66.0	64.1 - 67.8
Arizona	186,470	63.4	63.1 - 63.7	94,426	60.3	59.8 - 60.8	92,044	66.3	65.8 - 66.7
Arkansas	91,368	62.7	62.2 - 63.2	48,490	61.0	60.3 - 61.7	42,878	64.2	63.5 - 64.9
California	858,244	65.7	65.5 - 65.8	423,961	63.9	63.7 - 64.1	434,283	67.2	66.9 - 67.4
CA - Greater California	522,116	64.7	64.5 - 64.9	259,569	62.8	62.5 - 63.1	262,547	66.3	66.1 - 66.6
CA - Greater Bay Area	149,675	69.7	69.4 - 70.1	74,810	68.5	68.0 - 69.1	74,865	70.8	70.3 - 71.3
CA - Los Angeles	187,055	64.9	64.6 - 65.3	89,933	63.0	62.5 - 63.5	97,122	66.4	66.0 - 66.9
Colorado	138,719	68.0	67.6 - 68.4	67,936	65.5	65.0 - 66.1	70,783	70.2	69.6 - 70.7
Connecticut	121,015	68.0	67.6 - 68.4	59,630	66.4	65.9 - 67.0	61,385	69.2	68.7 - 69.8
Delaware	30,240	66.5	65.7 - 67.3	15,511	64.9	63.8 - 66.0	14,729	67.7	66.6 - 68.8
District of Columbia	6,210	72.1	70.3 - 73.8	3,005	69.7	67.0 - 72.2	3,205	74.2	71.8 - 76.5
Florida	685,861	64.9	64.7 - 65.0	353,845	62.5	62.3 - 62.8	332,016	67.1	66.8 - 67.3
Georgia	229,262	64.6	64.3 - 64.9	118,201	62.7	62.3 - 63.2	111,061	66.2	65.8 - 66.6
Hawaii	15,190	68.4	67.1 - 69.6	8,556	65.8	64.0 - 67.4	6,634	71.1	69.3 - 72.8
Idaho	51,095	65.4	64.7 - 66.0	26,373	64.1	63.2 - 65.0	24,722	66.4	65.4 - 67.3
Illinois	362,983	65.4	65.2 - 65.7	179,401	63.8	63.4 - 64.1	183,582	66.8	66.5 - 67.2
Indiana	208,732	62.1	61.8 - 62.4	104,428	59.6	59.1 - 60.0	104,304	64.5	64.0 - 64.9
Iowa	112,667	65.1	64.7 - 65.5	57,533	63.2	62.6 - 63.9	55,134	66.8	66.2 - 67.4
Kansas	89,407	67.9	67.4 - 68.4	45,469	66.6	65.9 - 67.3	43,938	69.1	68.4 - 69.7
Kentucky	163,253	59.8	59.4 - 60.1	82,712	57.5	57.0 - 58.0	80,541	61.8	61.3 - 62.3
Louisiana	115,791	64.2	63.7 - 64.6	61,684	63.5	62.9 - 64.2	54,107	64.6	64.0 - 65.2
Maine	55,403	65.3	64.7 - 65.9	27,638	62.7	61.8 - 63.6	27,765	67.5	66.6 - 68.3
Maryland	135,801	68.2	67.8 - 68.6	67,482	67.2	66.7 - 67.8	68,319	68.9	68.3 - 69.4
MI - Detroit	109,710	65.6	65.2 - 66.0	54,668	64.1	63.5 - 64.8	55,042	66.8	66.2 - 67.4
Minnesota	178,402	69.0	68.7 - 69.4	90,325	67.3	66.8 - 67.8	88,077	70.5	70.1 - 71.0
Mississippi	72,086	61.8	61.2 - 62.3	38,246	60.2	59.4 - 61.0	33,840	63.3	62.5 - 64.0
Missouri	189,498	63.0	62.6 - 63.3	94,724	59.9	59.4 - 60.4	94,774	65.8	65.3 - 66.3
Montana	36,853	67.2	66.4 - 68.0	19,445	66.4	65.3 - 67.5	17,408	67.7	66.6 - 68.7
Nebraska	60,404	66.0	65.4 - 66.6	30,879	64.6	63.8 - 65.5	29,525	67.2	66.3 - 68.0
New Hampshire	51,994	68.4	67.8 - 69.1	26,091	67.1	66.2 - 68.0	25,903	69.5	68.6 - 70.3
New Jersey	272,384	68.2	67.9 - 68.4	134,251	67.3	66.9 - 67.7	138,133	68.7	68.3 - 69.0
New Mexico	53,907	62.4	61.7 - 63.0	26,725	59.1	58.2 - 60.0	27,182	65.3	64.4 - 66.1
New York	571,302	67.3	67.1 - 67.4	282,908	66.0	65.8 - 66.3	288,394	68.2	67.9 - 68.4
North Carolina	278,981	65.4	65.2 - 65.7	141,045	63.4	63.0 - 63.8	137,936	67.2	66.9 - 67.6
North Dakota	23,116	68.5	67.6 - 69.4	12,151	67.1	65.8 - 68.4	10,965	69.7	68.5 - 70.9
Ohio	366,600	64.4	64.2 - 64.7	182,068	62.1	61.7 - 62.4	184,532	66.5	66.2 - 66.8
Oklahoma	104,276	61.7	61.3 - 62.2	52,993	60.0	59.4 - 60.7	51,283	63.2	62.6 - 63.9
Oregon	129,454	68.3	67.9 - 68.7	64,244	66.4	65.8 - 66.9	65,210	70.1	69.5 - 70.6
Pennsylvania	445,259	65.6	65.4 - 65.8	220,342	63.3	63.0 - 63.6	224,917	67.6	67.3 - 67.9
Rhode Island	36,974	67.7	66.9 - 68.4	17,779	65.0	63.9 - 66.1	19,195	69.8	68.9 - 70.8
South Carolina	132,005	64.0	63.6 - 64.4	68,211	61.5	60.9 - 62.0	63,794	66.3	65.7 - 66.9
Tennessee	202,155	63.1	62.7 - 63.4	104,378	61.4	60.9 - 61.9	97,777	64.5	64.1 - 65.0
Texas	613,877	63.6	63.4 - 63.8	312,164	61.2	60.9 - 61.4	301,713	65.9	65.6 - 66.1
Utah	65,331	70.8	70.3 - 71.4	33,821	70.6	69.8 - 71.3	31,510	70.8	70.0 - 71.6
Vermont	23,914	67.1	66.2 - 68.0	11,836	64.5	63.1 - 65.9	12,078	69.3	68.0 - 70.5
Washington	207,407	68.1	67.7 - 68.4	103,562	66.2	65.7 - 66.6	103,845	69.7	69.3 - 70.1
WA - Seattle	146,473	68.9	68.5 - 69.2	73,773	67.3	66.8 - 67.9	72,700	70.2	69.7 - 70.7
West Virginia	75,153	60.3	59.7 - 60.8	38,024	57.6	56.8 - 58.3	37,129	62.6	61.9 - 63.4
Wisconsin	195,781	67.3	67.0 - 67.6	99,928	65.8	65.3 - 66.2	95,853	68.6	68.2 - 69.1
Wyoming	17,232	66.9	65.8 - 68.0	9,119	66.7	65.0 - 68.2	8,113	66.5	64.9 - 68.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-28 Survival – All Sites (invasive)

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, All Sites (CSI - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	8,731,609	65.9	65.8 - 65.9	4,437,316	64.6	64.5 - 64.6	4,294,293	67.4	67.3 - 67.4
Alabama	135,281	63.8	63.4 - 64.1	71,374	62.6	62.0 - 63.1	63,907	65.1	64.5 - 65.6
Alaska	14,838	*		7,921	*		6,917	*	
Arizona	194,184	63.6	63.3 - 63.9	99,051	61.4	61.0 - 61.9	95,133	66.0	65.6 - 66.5
Arkansas	96,185	64.8	64.3 - 65.2	51,434	63.7	63.1 - 64.4	44,751	65.9	65.2 - 66.5
California	898,641	64.9	64.8 - 65.1	447,469	63.5	63.3 - 63.8	451,172	66.4	66.2 - 66.6
CA - Greater California	546,710	64.1	63.9 - 64.3	274,089	62.6	62.3 - 62.9	272,621	65.8	65.5 - 66.0
CA - Greater Bay Area	156,858	67.8	67.5 - 68.2	78,962	66.5	65.9 - 67.0	77,896	69.3	68.8 - 69.8
CA - Los Angeles	195,206	64.5	64.1 - 64.8	94,488	63.3	62.8 - 63.8	100,718	65.7	65.3 - 66.2
Colorado	144,550	66.6	66.2 - 67.0	71,380	64.6	64.0 - 65.1	73,170	68.8	68.3 - 69.3
Connecticut	127,425	67.9	67.5 - 68.3	63,193	66.7	66.1 - 67.3	64,232	69.3	68.7 - 69.8
Delaware	31,628	65.5	64.7 - 66.2	16,350	64.4	63.3 - 65.5	15,278	*	
District of Columbia	6,401	*		3,113	*		3,288	*	
Florida	732,695	65.7	65.5 - 65.8	381,805	63.9	63.7 - 64.2	350,890	67.6	67.4 - 67.8
Georgia	241,024	65.1	64.8 - 65.4	125,501	63.8	63.4 - 64.3	115,523	66.6	66.1 - 67.0
Hawaii	15,937	*		9,055	*		6,882	*	
Idaho	53,591	64.0	63.4 - 64.7	27,908	63.2	62.3 - 64.1	25,683	65.0	64.1 - 65.9
Illinois	381,234	66.1	65.8 - 66.3	189,913	64.9	64.6 - 65.3	191,321	67.3	67.0 - 67.6
Indiana	218,664	64.6	64.3 - 64.9	110,300	63.4	62.9 - 63.8	108,364	66.0	65.6 - 66.4
Iowa	118,769	65.5	65.0 - 65.9	61,190	63.9	63.3 - 64.5	57,579	67.2	66.6 - 67.7
Kansas	93,947	67.3	66.8 - 67.7	48,165	66.2	65.6 - 66.8	45,782	68.4	67.8 - 69.1
Kentucky	171,416	63.2	62.9 - 63.6	87,582	61.9	61.4 - 62.4	83,834	64.7	64.2 - 65.2
Louisiana	121,470	65.3	64.8 - 65.7	65,290	64.9	64.4 - 65.5	56,180	65.6	65.0 - 66.2
Maine	58,264	66.3	65.7 - 66.9	29,255	64.4	63.5 - 65.3	29,009	68.3	67.5 - 69.1
Maryland	142,289	67.1	66.7 - 67.5	71,238	66.1	65.5 - 66.6	71,051	68.2	67.7 - 68.8
MI - Detroit	115,550	65.8	65.4 - 66.2	58,098	64.8	64.2 - 65.4	57,452	66.9	66.4 - 67.5
Minnesota	188,011	68.1	67.8 - 68.4	96,024	66.3	65.8 - 66.7	91,987	70.1	69.6 - 70.5
Mississippi	75,513	64.1	63.6 - 64.6	40,424	63.3	62.6 - 64.1	35,089	64.9	64.2 - 65.7
Missouri	198,330	65.0	64.6 - 65.3	99,988	63.2	62.8 - 63.7	98,342	66.8	66.4 - 67.3
Montana	38,698	65.7	64.9 - 66.4	20,587	64.3	63.3 - 65.4	18,111	67.1	66.0 - 68.2
Nebraska	63,398	65.3	64.8 - 65.9	32,682	64.3	63.4 - 65.1	30,716	66.5	65.7 - 67.3
New Hampshire	54,630	67.1	66.5 - 67.7	27,609	65.8	64.9 - 66.7	27,021	68.5	67.7 - 69.4
New Jersey	287,481	67.4	67.1 - 67.6	142,900	66.4	66.0 - 66.7	144,581	68.4	68.1 - 68.8
New Mexico	56,127	62.3	61.7 - 62.9	27,951	60.6	59.7 - 61.5	28,176	64.2	63.3 - 65.0
New York	602,815	67.4	67.3 - 67.6	301,164	66.2	66.0 - 66.5	301,651	68.7	68.5 - 69.0
North Carolina	292,411	66.2	66.0 - 66.5	149,074	64.9	64.5 - 65.3	143,337	67.7	67.3 - 68.0
North Dakota	24,246	67.2	66.3 - 68.0	12,826	65.8	64.6 - 66.9	11,420	*	
Ohio	384,116	65.3	65.1 - 65.6	192,166	64.1	63.8 - 64.5	191,950	66.6	66.3 - 66.9
Oklahoma	109,086	63.3	62.8 - 63.7	55,851	62.4	61.8 - 63.0	53,235	64.2	63.6 - 64.8
Oregon	135,274	67.9	67.6 - 68.3	67,659	66.6	66.1 - 67.2	67,615	69.4	68.9 - 69.9
Pennsylvania	468,411	66.2	66.0 - 66.4	233,696	65.0	64.7 - 65.3	234,715	67.6	67.3 - 67.9
Rhode Island	38,965	67.7	67.0 - 68.4	18,910	65.7	64.8 - 66.8	20,055	69.9	69.0 - 70.8
South Carolina	138,027	64.8	64.4 - 65.2	71,884	63.2	62.7 - 63.8	66,143	66.6	66.0 - 67.1
Tennessee	210,930	65.1	64.8 - 65.5	109,641	64.2	63.8 - 64.6	101,289	66.2	65.7 - 66.6
Texas	637,712	65.1	64.9 - 65.3	326,386	63.7	63.4 - 63.9	311,326	66.6	66.3 - 66.9
Utah	68,114	65.5	65.0 - 66.1	35,543	64.4	63.6 - 65.2	32,571	66.7	65.9 - 67.6
Vermont	25,012	65.7	64.8 - 66.6	12,452	64.0	62.6 - 65.3	12,560	67.6	66.5 - 68.8
Washington	217,672	67.5	67.2 - 67.8	109,579	66.0	65.5 - 66.4	108,093	69.2	68.8 - 69.6
WA - Seattle	154,124	67.7	67.4 - 68.1	78,285	66.2	65.6 - 66.7	75,839	69.4	68.9 - 70.0
West Virginia	78,661	63.4	62.9 - 63.9	40,090	62.2	61.5 - 63.0	38,571	64.6	63.9 - 65.3
Wisconsin	206,087	67.1	66.8 - 67.4	106,125	65.8	65.3 - 66.2	99,962	68.6	68.2 - 69.0
Wyoming	17,899	64.7	63.7 - 65.8	9,520	*		8,379	66.0	64.6 - 67.5

Abbreviations: CSI, composite site index; RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

If more than 30% of the site-specific age-standardized RSR estimates were not available for a jurisdiction, the “All Sites (CSI)” estimate was suppressed. See Technical Notes for the difference between age-standardized RSR and Standardized using a composite survival index (CSI).

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Oral Cavity & Pharynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	242,251	63.4	63.0 - 63.7	174,561	62.6	62.2 - 63.1	67,690	65.0	64.4 - 65.5
Alabama	4,311	62.9	60.3 - 65.4	3,100	60.9	57.6 - 64.0	1,211	67.0	62.8 - 70.9
Alaska	444	65.9	56.4 - 73.8	346	68.1	57.7 - 76.4	98	60.6	45.4 - 72.7
Arizona	4,788	62.5	60.3 - 64.7	3,534	61.7	59.0 - 64.4	1,254	64.3	60.3 - 68.1
Arkansas	2,899	62.0	59.0 - 64.9	2,105	62.4	58.8 - 65.8	794	59.5	53.8 - 64.8
California	24,183	64.6	63.6 - 65.6	17,507	63.9	62.7 - 65.2	6,676	66.5	64.7 - 68.1
CA - Greater California	15,300	64.0	62.7 - 65.3	11,157	63.7	62.1 - 65.3	4,143	65.4	63.2 - 67.5
CA - Greater Bay Area	4,135	69.2	66.7 - 71.5	3,000	67.5	64.4 - 70.5	1,135	72.1	67.8 - 75.9
CA - Los Angeles	4,757	62.1	59.8 - 64.2	3,357	61.3	58.4 - 64.0	1,400	63.3	59.3 - 67.1
Colorado	4,082	67.9	65.0 - 70.6	2,959	67.9	64.3 - 71.1	1,123	68.7	63.8 - 73.2
Connecticut	3,344	64.3	61.3 - 67.2	2,280	62.6	58.7 - 66.4	1,064	66.7	61.9 - 71.0
Delaware	860	68.6	63.1 - 73.5	629	67.1	60.0 - 73.2	231	70.8	62.2 - 77.8
District of Columbia	195	72.0	62.8 - 79.2	137	69.7	57.9 - 78.9	58	79.9	63.4 - 89.6†
Florida	22,147	60.0	58.9 - 61.0	16,426	59.3	58.0 - 60.5	5,721	61.1	59.2 - 62.9
Georgia	7,445	60.8	58.8 - 62.8	5,391	61.1	58.5 - 63.6	2,054	61.1	57.8 - 64.3
Hawaii	645	60.6	53.9 - 66.7	508	57.2	49.6 - 64.0	137	64.4	52.7 - 73.9
Idaho	1,518	67.0	62.3 - 71.3	1,067	65.2	58.6 - 71.0	451	67.1	60.0 - 73.3
Illinois	10,356	63.7	62.1 - 65.2	7,365	62.6	60.5 - 64.6	2,991	66.1	63.5 - 68.6
Indiana	6,199	62.9	60.7 - 65.1	4,497	62.0	59.2 - 64.7	1,702	63.2	59.4 - 66.8
Iowa	3,348	68.7	65.7 - 71.5	2,380	68.2	64.7 - 71.5	968	69.2	63.8 - 74.0
Kansas	2,500	66.5	63.1 - 69.6	1,831	66.1	62.0 - 69.8	669	67.1	61.1 - 72.3
Kentucky	4,812	59.6	57.0 - 62.0	3,458	60.0	56.8 - 63.1	1,354	58.2	53.9 - 62.4
Louisiana	3,663	62.5	59.5 - 65.2	2,679	61.9	58.5 - 65.0	984	61.7	56.4 - 66.6
Maine	1,676	63.8	59.8 - 67.4	1,211	62.6	57.7 - 67.0	465	65.2	58.0 - 71.5
Maryland	4,052	65.2	62.6 - 67.7	2,906	65.4	62.0 - 68.5	1,146	64.4	59.9 - 68.5
MI - Detroit	3,096	59.6	56.5 - 62.5	2,229	57.5	53.7 - 61.1	867	64.1	58.6 - 69.0
Minnesota	5,008	70.3	67.9 - 72.5	3,459	69.1	66.1 - 71.9	1,549	72.2	68.3 - 75.7
Mississippi	2,281	57.1	53.3 - 60.6	1,653	55.0	50.5 - 59.2	628	61.9	56.2 - 67.1
Missouri	5,785	62.6	60.4 - 64.8	4,225	63.0	60.1 - 65.7	1,560	61.3	57.4 - 65.0
Montana	1,011	65.1	59.5 - 70.2	741	65.1	59.1 - 70.4	270	64.0	54.8 - 71.9
Nebraska	1,687	66.1	62.2 - 69.8	1,208	64.7	59.4 - 69.5	479	66.6	60.0 - 72.4
New Hampshire	1,400	65.3	60.5 - 69.6	1,011	62.1	55.6 - 67.9	389	69.2	61.6 - 75.6
New Jersey	6,756	62.6	60.6 - 64.4	4,729	60.7	58.2 - 63.1	2,027	65.9	62.7 - 68.9
New Mexico	1,438	62.2	58.4 - 65.8	1,061	60.6	56.1 - 64.8	377	64.5	57.4 - 70.8
New York	14,224	63.8	62.4 - 65.1	9,883	62.4	60.7 - 64.0	4,341	66.5	64.2 - 68.6
North Carolina	8,384	64.1	62.3 - 65.8	6,057	63.9	61.6 - 66.1	2,327	63.8	60.7 - 66.8
North Dakota	662	67.3	61.1 - 72.7	469	64.4	56.6 - 71.1	193	71.4	61.9 - 78.9
Ohio	10,651	63.3	61.5 - 65.0	7,633	61.5	59.2 - 63.7	3,018	66.8	64.2 - 69.2
Oklahoma	3,287	63.6	60.7 - 66.3	2,348	62.2	58.6 - 65.6	939	64.1	59.4 - 68.4
Oregon	3,934	70.2	67.5 - 72.6	2,832	70.5	67.1 - 73.6	1,102	70.3	65.8 - 74.4
Pennsylvania	12,207	62.6	61.1 - 64.0	8,553	62.2	60.3 - 64.1	3,654	63.6	61.1 - 66.0
Rhode Island	973	62.5	57.2 - 67.3	648	59.2	52.2 - 65.5	325	66.2	58.4 - 72.8
South Carolina	4,250	60.0	57.3 - 62.6	3,130	58.4	55.1 - 61.6	1,120	62.9	58.2 - 67.3
Tennessee	6,296	61.8	59.5 - 64.0	4,662	61.8	59.0 - 64.6	1,634	61.2	57.3 - 64.9
Texas	18,646	62.2	60.9 - 63.4	13,772	61.5	59.8 - 63.0	4,874	63.9	61.7 - 66.0
Utah	1,622	67.7	63.5 - 71.5	1,133	69.0	63.5 - 73.8	489	64.7	58.2 - 70.5
Vermont	677	63.0	56.4 - 68.8	500	64.6	57.4 - 70.9	177	59.4	47.7 - 69.4
Washington	6,244	65.9	63.7 - 67.9	4,406	64.8	62.1 - 67.3	1,838	67.4	63.9 - 70.7
WA - Seattle	4,509	66.3	63.7 - 68.7	3,195	64.8	61.5 - 67.9	1,314	67.2	63.2 - 71.0
West Virginia	2,236	57.9	54.4 - 61.1	1,627	57.6	52.8 - 62.0	609	58.4	52.4 - 63.9
Wisconsin	5,576	64.5	62.3 - 66.7	3,948	64.2	61.3 - 66.9	1,628	64.8	61.1 - 68.2
Wyoming	453	64.6	56.9 - 71.3	328	61.2	52.3 - 69.0	125	73.6	58.4 - 84.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-30 Survival – Oral Cavity & Pharynx

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	95,364	21.2	20.8 - 21.6	76,581	20.6	20.2 - 21.1	18,783	23.9	23.0 - 24.8
Alabama	1,444	18.0	15.1 - 21.1	1,195	18.3	15.0 - 21.8	249	14.7	9.4 - 21.1 †
Alaska	205	23.1	15.7 - 31.4	163	22.1	14.3 - 31.1	42	23.1	10.0 - 39.4 †
Arizona	2,270	20.1	17.5 - 22.7	1,840	19.3	16.5 - 22.2	430	22.8	17.5 - 28.5
Arkansas	947	18.2	14.4 - 22.3	797	16.1	12.2 - 20.6	150	26.6	17.5 - 36.6
California	8,682	19.2	17.9 - 20.5	6,804	18.9	17.5 - 20.3	1,878	20.6	17.7 - 23.7
CA - Greater California	5,610	18.5	16.9 - 20.1	4,443	18.1	16.4 - 20.0	1,167	20.3	16.3 - 24.6
CA - Greater Bay Area	1,527	22.3	19.2 - 25.6	1,144	22.1	18.5 - 25.9	383	21.1	15.7 - 27.1 †
CA - Los Angeles	1,545	18.9	16.3 - 21.7	1,217	18.6	15.7 - 21.7	328	18.8	13.7 - 24.6
Colorado	1,613	21.2	18.3 - 24.3	1,345	19.6	16.5 - 22.9	268	29.2	22.3 - 36.5
Connecticut	1,394	27.4	24.0 - 30.8	1,080	27.4	23.5 - 31.4	314	28.2	21.1 - 35.7
Delaware	374	21.1	15.3 - 27.4	307	22.2	16.5 - 28.4	67	0.0	
District of Columbia	44	34.1	16.6 - 52.5 †	34	*		10	*	
Florida	8,066	22.1	20.8 - 23.5	6,458	21.8	20.2 - 23.3	1,608	23.5	20.4 - 26.7
Georgia	2,425	19.7	17.3 - 22.2	1,955	20.0	17.3 - 22.9	470	17.8	13.1 - 23.2
Hawaii	160	12.8	6.8 - 20.8 †	127	11.5	5.4 - 20.3 †	33	*	
Idaho	608	17.2	13.3 - 21.5	506	17.1	12.9 - 21.9	102	18.6	9.2 - 30.6 †
Illinois	4,257	22.4	20.6 - 24.3	3,420	22.1	20.0 - 24.1	837	24.5	20.5 - 28.7
Indiana	2,842	18.9	16.7 - 21.2	2,349	18.1	15.7 - 20.6	493	21.2	16.6 - 26.2 †
Iowa	1,507	20.6	17.6 - 23.8	1,230	21.2	17.9 - 24.8	277	16.0	10.2 - 22.9 †
Kansas	1,023	21.9	18.0 - 25.9	831	21.7	17.6 - 26.2	192	20.3	11.8 - 30.6 †
Kentucky	1,810	18.9	16.2 - 21.8	1,494	18.6	15.7 - 21.6	316	20.0	14.4 - 26.2
Louisiana	1,200	20.0	16.8 - 23.3	979	16.8	13.5 - 20.4	221	34.2	26.5 - 41.9 †
Maine	880	22.8	18.8 - 27.1 †	710	22.7	18.3 - 27.4 †	170	23.0	14.5 - 32.7 †
Maryland	1,590	21.8	18.8 - 24.9	1,244	22.4	19.0 - 25.9	346	15.3	9.6 - 22.3 †
MI - Detroit	1,321	23.4	20.0 - 27.0	1,045	21.8	17.9 - 25.8	276	26.5	19.6 - 33.9 †
Minnesota	2,048	21.4	18.8 - 24.1	1,622	19.9	17.0 - 22.9	426	27.3	21.8 - 33.0
Mississippi	727	21.7	17.5 - 26.1 †	586	22.0	17.3 - 27.0 †	141	19.2	11.7 - 28.1
Missouri	2,382	18.3	16.0 - 20.7	1,932	18.0	15.5 - 20.6	450	18.5	13.8 - 23.7
Montana	434	25.1	19.9 - 30.8	358	25.7	20.1 - 31.7	76	17.3	7.8 - 29.8
Nebraska	706	15.2	11.8 - 19.1	579	14.9	11.1 - 19.3	127	17.2	9.5 - 26.9 †
New Hampshire	818	25.8	21.7 - 30.1	667	27.5	22.8 - 32.3	151	17.3	10.3 - 25.9
New Jersey	2,806	23.5	21.2 - 25.8	2,203	22.5	20.0 - 25.2	603	24.6	20.2 - 29.3 †
New Mexico	622	16.1	12.1 - 20.6	520	15.8	11.6 - 20.7	102	24.3	12.8 - 37.9 †
New York	6,124	23.2	21.6 - 24.8	4,717	21.9	20.2 - 23.7	1,407	27.7	24.4 - 31.0
North Carolina	2,860	18.9	16.7 - 21.2	2,336	18.3	15.8 - 20.9	524	21.2	16.4 - 26.5 †
North Dakota	268	18.9	13.2 - 25.5	213	14.5	9.1 - 21.0	55	29.8	16.8 - 43.9 †
Ohio	4,871	20.4	18.7 - 22.1	3,934	20.5	18.6 - 22.4	937	18.5	15.0 - 22.3 †
Oklahoma	1,173	18.0	14.9 - 21.3	964	16.5	13.1 - 20.3	209	21.3	14.1 - 29.5 †
Oregon	1,643	25.1	21.8 - 28.5	1,318	24.1	20.3 - 28.1	325	29.4	22.8 - 36.3
Pennsylvania	5,521	20.6	19.0 - 22.3	4,433	19.7	18.0 - 21.6	1,088	24.3	20.4 - 28.3
Rhode Island	420	25.5	20.1 - 31.3 †	313	25.4	18.9 - 32.5 †	107	25.4	16.0 - 36.0 †
South Carolina	1,487	19.5	16.7 - 22.6	1,188	17.3	14.2 - 20.7	299	26.3	19.8 - 33.3
Tennessee	2,270	20.2	17.8 - 22.8	1,888	20.5	17.8 - 23.3	382	16.5	11.0 - 23.1 †
Texas	6,479	22.3	20.8 - 23.8	5,251	21.1	19.4 - 22.9	1,228	27.7	24.4 - 31.0
Utah	572	21.3	16.4 - 26.5	478	21.6	16.3 - 27.4	94	20.3	11.2 - 31.3 †
Vermont	344	27.6	21.6 - 33.9 †	274	29.7	22.7 - 37.0 †	70	20.7	11.4 - 32.0
Washington	2,500	24.1	21.5 - 26.8	1,981	23.1	20.3 - 26.1	519	26.5	21.5 - 31.8 †
WA - Seattle	1,641	24.3	21.2 - 27.6	1,282	22.0	18.6 - 25.7	359	29.9	23.8 - 36.2 †
West Virginia	984	17.1	13.8 - 20.6	805	16.9	13.3 - 20.9	179	20.8	13.2 - 29.6 †
Wisconsin	2,459	23.8	21.3 - 26.3	1,957	23.6	20.8 - 26.4	502	23.2	18.5 - 28.2
Wyoming	184	18.3	11.0 - 26.9 †	151	20.6	12.1 - 30.7 †	33	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	114,908	33.5	33.1 - 33.9	72,780	29.7	29.2 - 30.2	42,128	40.3	39.7 - 41.0
Alabama	1,714	32.3	29.0 - 35.7	1,035	27.4	23.4 - 31.6	679	40.0	34.5 - 45.4
Alaska	177	30.0	21.2 - 39.3 †	117	25.3	15.5 - 36.3 †	60	41.5	26.2 - 56.1 †
Arizona	2,530	31.7	29.2 - 34.3	1,625	29.1	25.9 - 32.3	905	36.7	32.6 - 40.8
Arkansas	1,180	31.1	27.4 - 34.9	765	27.6	22.9 - 32.4	415	37.1	31.1 - 43.1
California	14,905	29.6	28.5 - 30.6	9,059	25.9	24.7 - 27.3	5,846	35.3	33.6 - 37.1
CA - Greater California	8,162	28.1	26.7 - 29.5	5,061	24.1	22.5 - 25.9	3,101	34.8	32.4 - 37.2
CA - Greater Bay Area	2,388	32.8	30.1 - 35.6	1,463	30.1	26.7 - 33.5	925	36.9	32.6 - 41.2
CA - Los Angeles	4,357	30.4	28.5 - 32.4	2,536	27.0	24.5 - 29.5	1,821	35.3	32.3 - 38.3
Colorado	1,847	31.3	28.4 - 34.2	1,237	26.1	22.7 - 29.7	610	40.7	35.7 - 45.7
Connecticut	1,991	36.1	33.1 - 39.1	1,269	31.9	28.0 - 35.8	722	42.0	37.1 - 46.9
Delaware	386	30.6	24.1 - 37.5 †	248	30.5	22.3 - 39.1 †	138	31.1	20.5 - 42.2 †
District of Columbia	96	47.8	33.4 - 60.8 †	64	*		32	58.6	38.0 - 74.4 †
Florida	8,678	34.1	32.7 - 35.5	5,506	31.5	29.7 - 33.3	3,172	38.7	36.4 - 41.1
Georgia	2,700	31.9	29.3 - 34.4	1,678	26.7	23.7 - 29.8	1,022	39.5	35.4 - 43.5
Hawaii	164	36.1	24.8 - 47.6 †	113	32.5	19.9 - 45.8 †	51	43.1	26.3 - 58.8 †
Idaho	601	24.9	19.9 - 30.1	406	24.9	18.8 - 31.5 †	195	24.3	16.2 - 33.3
Illinois	5,370	35.2	33.4 - 37.0	3,417	32.2	29.9 - 34.5	1,953	41.2	38.1 - 44.2
Indiana	2,723	31.6	29.0 - 34.2	1,784	28.2	24.8 - 31.6	939	38.2	33.8 - 42.5
Iowa	1,137	31.7	28.0 - 35.6	746	26.9	22.4 - 31.6	391	41.5	35.0 - 47.9
Kansas	997	30.7	26.4 - 35.0	659	30.2	25.2 - 35.3	338	32.2	24.4 - 40.2 †
Kentucky	2,202	32.0	29.2 - 34.9	1,366	25.8	22.3 - 29.3	836	42.1	37.5 - 46.7
Louisiana	1,412	31.8	28.5 - 35.2	941	29.4	25.3 - 33.5	471	36.8	31.0 - 42.7
Maine	698	38.4	33.4 - 43.4	435	32.4	26.0 - 39.0	263	46.9	39.5 - 54.0
Maryland	1,787	37.5	34.4 - 40.5	1,142	31.5	27.8 - 35.4	645	48.2	43.0 - 53.1
MI - Detroit	1,501	30.5	27.2 - 33.8	944	26.8	22.8 - 31.0	557	36.3	30.9 - 41.6
Minnesota	2,146	34.6	31.9 - 37.4	1,442	30.0	26.7 - 33.4	704	43.2	38.5 - 47.8
Mississippi	891	31.8	27.5 - 36.3	542	27.2	21.8 - 32.8	349	41.2	34.1 - 48.1
Missouri	2,196	29.4	26.7 - 32.0	1,440	24.2	21.2 - 27.4	756	40.2	35.5 - 44.8
Montana	425	31.5	25.5 - 37.7	271	25.6	18.8 - 32.8 †	154	38.0	26.9 - 49.1
Nebraska	673	32.3	27.7 - 37.0	454	28.4	23.1 - 33.9	219	39.2	31.0 - 47.3
New Hampshire	613	42.4	36.5 - 48.2 †	396	35.6	28.5 - 42.7 †	217	54.0	43.6 - 63.2 †
New Jersey	4,308	37.2	35.2 - 39.3	2,678	32.7	30.1 - 35.3	1,630	45.2	41.8 - 48.5
New Mexico	929	29.6	25.6 - 33.7	547	27.1	22.0 - 32.4	382	33.3	26.9 - 39.8
New York	9,298	39.1	37.6 - 40.5	5,694	35.1	33.3 - 36.9	3,604	45.8	43.5 - 48.1
North Carolina	3,415	37.6	35.4 - 39.8	2,126	32.3	29.4 - 35.2	1,289	46.1	42.5 - 49.5
North Dakota	289	34.0	26.6 - 41.5 †	196	33.6	24.7 - 42.8 †	93	34.8	22.3 - 47.6 †
Ohio	4,887	34.5	32.6 - 36.4	3,198	31.1	28.8 - 33.4	1,689	41.0	37.7 - 44.2
Oklahoma	1,211	30.4	26.5 - 34.3	783	24.1	19.7 - 28.8	428	40.9	34.3 - 47.5
Oregon	1,587	32.9	29.8 - 36.0	1,047	28.3	24.5 - 32.3	540	40.4	34.9 - 45.8
Pennsylvania	5,874	32.6	30.9 - 34.3	3,875	29.2	27.0 - 31.4	1,999	39.6	36.7 - 42.4
Rhode Island	592	37.7	32.3 - 43.0	379	36.1	29.6 - 42.6	213	39.6	30.5 - 48.5
South Carolina	1,619	33.1	29.7 - 36.5	1,071	27.6	23.5 - 31.9	548	42.6	37.2 - 47.9
Tennessee	2,392	32.9	30.3 - 35.6	1,521	29.3	26.0 - 32.7	871	38.8	34.5 - 43.0
Texas	9,525	33.4	32.1 - 34.7	5,759	28.7	27.1 - 30.4	3,766	40.3	38.3 - 42.4
Utah	710	29.7	25.0 - 34.6	450	27.1	21.3 - 33.2	260	34.6	26.5 - 42.8
Vermont	291	32.8	25.4 - 40.4	196	31.0	22.1 - 40.3 †	95	30.5	16.1 - 46.2 †
Washington	2,478	32.6	30.0 - 35.2	1,643	29.7	26.6 - 32.9	835	38.7	34.3 - 43.1
WA - Seattle	1,739	30.6	27.5 - 33.7	1,151	27.4	23.7 - 31.2	588	37.5	32.3 - 42.7
West Virginia	963	31.6	27.6 - 35.6	606	28.6	23.9 - 33.5	357	36.9	30.2 - 43.7
Wisconsin	2,609	36.2	33.5 - 38.8	1,770	33.1	29.9 - 36.3	839	41.8	37.2 - 46.2
Wyoming	191	31.4	22.8 - 40.4 †	140	28.4	18.3 - 39.4 †	51	36.5	22.1 - 51.1 †

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Colon & Rectum**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	719,364	63.9	63.7 - 64.1	380,181	62.6	62.4 - 62.9	339,183	65.4	65.2 - 65.7
Alabama	12,416	63.3	61.9 - 64.7	6,682	60.9	58.9 - 62.9	5,734	66.0	64.0 - 67.9
Alaska	1,237	62.8	58.4 - 66.8	697	63.8	57.8 - 69.1	540	61.0	54.5 - 66.8
Arizona	16,137	61.2	60.0 - 62.3	8,782	58.5	56.9 - 60.1	7,355	64.2	62.6 - 65.8
Arkansas	8,549	64.4	62.7 - 66.1	4,626	63.7	61.5 - 65.8	3,923	65.1	62.7 - 67.4
California	74,750	63.6	63.1 - 64.2	39,301	62.8	62.0 - 63.6	35,449	64.7	63.9 - 65.5
CA - Greater California	45,004	63.0	62.3 - 63.7	23,646	62.1	61.1 - 63.1	21,358	64.1	63.1 - 65.1
CA - Greater Bay Area	12,251	66.8	65.5 - 68.1	6,392	65.4	63.4 - 67.2	5,859	68.2	66.3 - 70.0
CA - Los Angeles	17,515	63.0	61.8 - 64.1	9,274	62.5	60.8 - 64.1	8,241	63.7	62.1 - 65.3
Colorado	11,495	64.3	62.9 - 65.6	6,042	62.3	60.3 - 64.3	5,453	65.9	64.0 - 67.7
Connecticut	9,480	66.8	65.2 - 68.2	4,839	66.7	64.6 - 68.7	4,641	67.0	64.9 - 69.0
Delaware	2,309	64.0	61.0 - 66.9	1,219	63.0	58.5 - 67.2	1,090	64.7	60.2 - 68.8
District of Columbia	460	70.0	63.4 - 75.6	234	66.3	56.4 - 74.5	226	73.1	63.9 - 80.4
Florida	55,837	62.1	61.5 - 62.7	29,620	60.1	59.2 - 60.9	26,217	64.5	63.6 - 65.3
Georgia	19,737	62.6	61.4 - 63.7	10,767	61.7	60.1 - 63.2	8,970	63.7	62.1 - 65.3
Hawaii	1,254	66.1	61.6 - 70.2	708	66.0	59.5 - 71.8	546	64.7	58.8 - 70.1
Idaho	4,178	60.9	58.5 - 63.1	2,247	59.9	56.6 - 63.1	1,931	61.8	58.5 - 64.9
Illinois	33,453	65.0	64.2 - 65.8	17,639	63.6	62.4 - 64.7	15,814	66.6	65.5 - 67.7
Indiana	19,674	64.9	63.8 - 66.0	10,285	64.4	62.8 - 66.0	9,389	65.6	64.1 - 67.1
Iowa	10,554	66.8	65.4 - 68.2	5,420	66.0	63.9 - 67.9	5,134	67.5	65.4 - 69.4
Kansas	8,086	65.7	64.0 - 67.3	4,256	64.3	61.9 - 66.6	3,830	67.0	64.7 - 69.2
Kentucky	15,616	63.5	62.3 - 64.7	8,379	62.6	60.8 - 64.3	7,237	64.5	62.8 - 66.2
Louisiana	10,565	65.2	63.7 - 66.7	5,771	64.7	62.6 - 66.8	4,794	65.3	63.3 - 67.3
Maine	4,370	67.0	64.7 - 69.1	2,237	65.7	62.3 - 68.9	2,133	67.6	64.6 - 70.4
Maryland	10,730	65.4	64.0 - 66.8	5,461	64.6	62.6 - 66.6	5,269	66.0	64.0 - 67.9
MI - Detroit	9,113	63.1	61.4 - 64.7	4,595	62.3	59.9 - 64.6	4,518	63.5	61.3 - 65.7
Minnesota	14,743	68.2	67.0 - 69.4	7,675	67.9	66.1 - 69.5	7,068	68.7	66.9 - 70.3
Mississippi	7,091	61.3	59.3 - 63.1	3,818	60.4	57.6 - 63.1	3,273	62.2	59.4 - 64.8
Missouri	17,398	63.5	62.4 - 64.7	9,194	61.1	59.4 - 62.7	8,204	66.3	64.7 - 67.9
Montana	3,050	65.0	62.3 - 67.5	1,703	63.5	59.7 - 67.1	1,347	66.3	62.5 - 69.8
Nebraska	5,789	67.0	65.0 - 68.9	3,020	65.2	62.2 - 68.0	2,769	69.0	66.1 - 71.7
New Hampshire	4,021	66.1	63.7 - 68.4	2,134	66.2	62.7 - 69.4	1,887	65.8	62.4 - 69.0
New Jersey	23,505	64.8	63.8 - 65.7	12,021	63.5	62.1 - 64.9	11,484	66.2	64.8 - 67.5
New Mexico	4,807	58.1	55.9 - 60.3	2,562	56.2	53.2 - 59.1	2,245	60.4	57.1 - 63.4
New York	45,889	63.8	63.1 - 64.5	23,587	62.9	61.9 - 63.9	22,302	64.9	63.9 - 65.8
North Carolina	21,811	63.5	62.4 - 64.5	11,480	62.3	60.8 - 63.8	10,331	64.7	63.3 - 66.0
North Dakota	2,235	68.5	65.6 - 71.1	1,217	67.1	63.1 - 70.8	1,018	69.5	65.2 - 73.3
Ohio	33,525	64.4	63.5 - 65.2	17,377	63.4	62.2 - 64.6	16,148	65.3	64.1 - 66.4
Oklahoma	9,795	61.7	60.1 - 63.2	5,221	60.5	58.2 - 62.7	4,574	62.5	60.3 - 64.6
Oregon	10,425	68.0	66.5 - 69.4	5,505	66.8	64.8 - 68.7	4,920	69.1	67.2 - 71.0
Pennsylvania	39,585	63.8	63.1 - 64.5	20,535	62.4	61.3 - 63.4	19,050	65.5	64.4 - 66.5
Rhode Island	2,776	65.0	62.2 - 67.7	1,409	63.1	58.9 - 67.1	1,367	66.0	62.2 - 69.6
South Carolina	10,623	63.4	61.9 - 64.9	5,664	60.5	58.3 - 62.7	4,959	66.6	64.5 - 68.6
Tennessee	17,472	63.5	62.3 - 64.6	9,225	61.8	60.2 - 63.4	8,247	65.2	63.5 - 66.8
Texas	57,243	62.9	62.3 - 63.6	32,065	61.0	60.1 - 61.9	25,178	65.3	64.4 - 66.2
Utah	4,817	64.6	62.5 - 66.6	2,569	62.9	60.0 - 65.6	2,248	66.6	63.7 - 69.4
Vermont	1,888	60.1	56.7 - 63.4	943	58.6	53.3 - 63.5	945	61.4	56.6 - 65.9
Washington	16,354	66.0	64.9 - 67.1	8,535	64.2	62.5 - 65.8	7,819	68.4	66.8 - 69.8
WA - Seattle	11,285	65.5	64.1 - 66.8	5,956	63.2	61.1 - 65.2	5,329	68.4	66.5 - 70.2
West Virginia	7,378	61.1	59.3 - 62.9	3,876	59.7	57.1 - 62.3	3,502	62.2	59.7 - 64.6
Wisconsin	15,721	65.5	64.3 - 66.6	8,255	64.6	62.8 - 66.2	7,466	66.4	64.7 - 68.1
Wyoming	1,423	59.4	55.4 - 63.2	784	59.4	53.7 - 64.7	639	59.2	53.3 - 64.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Liver & Intrahepatic Bile Duct**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	156,198	18.4	18.1 - 18.7	112,130	17.8	17.4 - 18.2	44,068	20.1	19.5 - 20.6
Alabama	2,273	12.9	10.7 - 15.3	1,627	12.5	10.0 - 15.3	646	15.9	12.1 - 20.2
Alaska	318	18.0	12.7 - 24.0 †	249	17.0	11.2 - 23.8 †	69	21.6	11.6 - 33.6 †
Arizona	3,824	20.6	18.6 - 22.7	2,738	19.5	17.1 - 22.0	1,086	22.5	19.1 - 26.1 †
Arkansas	1,550	18.6	15.4 - 22.0	1,139	16.8	12.5 - 21.6	411	21.9	16.5 - 27.7
California	20,241	19.3	18.4 - 20.2	14,358	18.5	17.5 - 19.6	5,883	20.7	19.1 - 22.3
CA - Greater California	12,256	18.4	17.3 - 19.6	8,808	17.3	16.0 - 18.8	3,448	20.6	18.6 - 22.7
CA - Greater Bay Area	3,404	22.5	20.3 - 24.8	2,424	21.5	18.9 - 24.3	980	23.4	19.8 - 27.2
CA - Los Angeles	4,584	19.0	17.3 - 20.7	3,128	19.1	16.9 - 21.3	1,456	18.9	15.9 - 22.0
Colorado	2,654	19.7	17.2 - 22.2	1,938	18.9	15.7 - 22.4	716	22.5	18.6 - 26.6
Connecticut	2,155	19.4	16.8 - 22.2	1,604	18.7	15.5 - 22.2	551	20.2	15.9 - 24.9 †
Delaware	528	22.4	17.9 - 27.3 †	385	20.8	15.4 - 26.7 †	143	25.9	17.7 - 34.9 †
District of Columbia	91	31.0	19.7 - 43.1 †	63	30.3	17.1 - 44.5 †	28	*	
Florida	12,477	19.5	18.3 - 20.6	9,063	18.2	16.9 - 19.6	3,414	22.3	20.2 - 24.5
Georgia	4,162	16.8	15.1 - 18.7	3,004	16.6	14.5 - 18.8	1,158	16.8	13.6 - 20.3
Hawaii	341	19.7	14.2 - 25.8 †	265	21.1	14.9 - 28.1 †	76	15.4	6.3 - 28.2 †
Idaho	889	12.3	9.0 - 16.3	639	15.7	10.0 - 22.6	250	9.1	4.3 - 16.0 †
Illinois	6,017	20.5	18.9 - 22.1	4,100	19.7	17.7 - 21.8	1,917	21.8	19.2 - 24.5
Indiana	3,454	14.8	12.8 - 16.9	2,461	14.1	11.8 - 16.7	993	16.4	13.1 - 20.1
Iowa	1,601	16.1	13.0 - 19.5	1,113	16.4	13.2 - 19.8 †	488	18.6	13.9 - 23.8
Kansas	1,393	20.9	17.8 - 24.1 †	1,012	20.0	16.2 - 24.0 †	381	22.2	17.0 - 27.9 †
Kentucky	2,798	15.0	13.1 - 17.1	1,989	14.0	11.5 - 16.8	809	16.9	13.7 - 20.3
Louisiana	2,293	16.7	14.0 - 19.6	1,745	17.0	14.0 - 20.1	548	16.5	12.5 - 20.9
Maine	688	16.1	11.9 - 20.9	518	17.4	12.2 - 23.4	170	14.6	7.4 - 24.0 †
Maryland	2,290	22.6	20.1 - 25.3	1,614	22.3	19.5 - 25.1 †	676	26.2	21.4 - 31.4
MI - Detroit	1,751	22.0	18.9 - 25.2	1,254	21.8	18.3 - 25.6	497	20.7	15.4 - 26.6 †
Minnesota	2,569	18.8	16.5 - 21.3	1,801	18.6	15.7 - 21.8	768	18.5	14.8 - 22.6
Mississippi	1,533	18.2	14.9 - 21.7	1,132	18.1	14.1 - 22.4	401	18.6	13.0 - 25.0 †
Missouri	3,139	15.9	13.7 - 18.2	2,286	16.4	13.8 - 19.2	853	14.6	11.0 - 18.7
Montana	527	12.7	8.6 - 17.6 †	382	13.8	8.9 - 19.7 †	145	9.6	3.7 - 18.9 †
Nebraska	684	16.3	12.5 - 20.6 †	498	16.5	12.1 - 21.5 †	186	16.4	9.5 - 25.0 †
New Hampshire	698	18.0	13.9 - 22.4	531	18.9	14.5 - 23.7 †	167	19.2	11.9 - 27.9
New Jersey	4,458	19.5	17.7 - 21.4	3,177	19.6	17.5 - 21.8	1,281	18.7	15.3 - 22.5
New Mexico	1,509	17.5	14.7 - 20.5	1,136	16.9	13.5 - 20.5	373	18.0	12.6 - 24.1 †
New York	9,976	19.2	18.0 - 20.5	7,163	18.4	16.9 - 19.8	2,813	21.2	18.9 - 23.6
North Carolina	5,242	15.2	13.6 - 16.8	3,789	15.9	14.0 - 17.9	1,453	13.5	10.6 - 16.7
North Dakota	252	12.3	7.0 - 19.2 †	176	10.9	5.4 - 18.7 †	76	15.9	5.5 - 31.2 †
Ohio	5,305	18.0	16.4 - 19.6	3,674	17.4	15.5 - 19.4	1,631	17.8	15.1 - 20.7
Oklahoma	1,807	16.8	14.2 - 19.6	1,302	16.1	12.7 - 19.9	505	17.4	13.4 - 21.8
Oregon	2,815	19.0	16.6 - 21.6	2,043	16.7	13.8 - 19.9	772	21.9	17.8 - 26.2
Pennsylvania	7,396	18.2	16.8 - 19.7	5,398	18.7	16.9 - 20.6	1,998	17.3	14.9 - 19.9
Rhode Island	663	17.0	13.3 - 21.2 †	479	18.9	14.2 - 24.0 †	184	12.1	6.8 - 19.1 †
South Carolina	2,463	17.1	15.0 - 19.3 †	1,828	15.8	13.4 - 18.3 †	635	20.5	16.4 - 24.9 †
Tennessee	3,558	16.5	14.5 - 18.7	2,554	15.9	13.4 - 18.5	1,004	18.6	15.0 - 22.6
Texas	17,911	18.5	17.5 - 19.4	12,856	17.4	16.2 - 18.6	5,055	21.7	20.1 - 23.3
Utah	996	23.0	19.3 - 26.9	702	20.1	15.6 - 25.0	294	27.9	20.7 - 35.5 †
Vermont	303	16.4	11.2 - 22.3	231	14.7	8.7 - 22.1	72	19.9	10.0 - 32.3 †
Washington	4,107	20.1	18.1 - 22.1	2,935	20.0	17.6 - 22.6	1,172	21.2	17.9 - 24.7 †
WA - Seattle	2,866	20.4	18.1 - 22.8	2,077	20.3	17.4 - 23.2	789	21.3	17.2 - 25.6 †
West Virginia	1,219	13.9	10.9 - 17.2	878	14.0	10.6 - 17.8	341	12.2	7.3 - 18.5 †
Wisconsin	3,003	19.8	17.6 - 22.0	2,095	18.0	15.5 - 20.7	908	23.7	20.0 - 27.5
Wyoming	277	17.0	11.5 - 23.3 †	206	9.5	5.7 - 14.4	71	22.3	11.1 - 35.9 †

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-34 Survival – Liver & Intrahepatic Bile Duct

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Pancreas**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	250,419	13.9	13.7 - 14.1	132,190	13.1	12.8 - 13.4	118,229	14.8	14.5 - 15.1
Alabama	3,791	11.7	10.2 - 13.4	2,083	11.0	8.9 - 13.3	1,708	12.0	9.9 - 14.4
Alaska	410	9.0	5.7 - 13.2 †	224	10.5	6.0 - 16.4 †	186	6.9	2.8 - 13.4 †
Arizona	6,080	12.8	11.5 - 14.3	3,316	12.6	10.8 - 14.4	2,764	12.8	10.6 - 15.1
Arkansas	2,400	9.5	7.8 - 11.4	1,326	9.6	7.5 - 12.1	1,074	9.3	6.7 - 12.4
California	26,221	13.8	13.1 - 14.4	13,732	12.6	11.8 - 13.5	12,489	15.0	14.1 - 16.0
CA - Greater California	15,762	12.9	12.1 - 13.8	8,342	11.7	10.6 - 12.8	7,420	14.2	13.0 - 15.5
CA - Greater Bay Area	4,611	17.2	15.6 - 18.9	2,421	16.6	14.5 - 18.8	2,190	18.4	16.0 - 20.9
CA - Los Angeles	5,848	13.2	12.0 - 14.6	2,969	11.7	10.0 - 13.5	2,879	14.6	12.8 - 16.6
Colorado	4,083	15.0	13.4 - 16.7	2,225	14.6	12.4 - 17.0	1,858	15.7	13.4 - 18.1
Connecticut	3,860	15.9	14.2 - 17.7	1,956	15.9	13.5 - 18.6	1,904	15.1	12.8 - 17.6
Delaware	927	12.1	9.4 - 15.1 †	512	10.1	6.9 - 14.1 †	415	14.4	10.3 - 19.0 †
District of Columbia	204	17.6	10.4 - 26.3 †	105	13.0	5.0 - 24.7 †	99	24.0	14.3 - 35.1 †
Florida	20,956	15.0	14.2 - 15.7	11,249	14.1	13.1 - 15.1	9,707	16.0	14.8 - 17.1
Georgia	6,411	12.2	11.0 - 13.5	3,469	11.3	9.7 - 13.0	2,942	13.0	11.2 - 15.0
Hawaii	437	9.1	5.8 - 13.3 †	262	8.5	4.5 - 14.0 †	175	10.5	5.8 - 16.8 †
Idaho	1,657	12.1	9.8 - 14.7	924	12.5	9.6 - 15.8	733	11.3	7.9 - 15.5
Illinois	11,159	14.8	13.8 - 15.8	5,836	14.5	13.2 - 15.9	5,323	15.1	13.6 - 16.6
Indiana	6,461	11.9	10.7 - 13.1	3,377	9.9	8.4 - 11.5	3,084	13.8	12.1 - 15.6
Iowa	3,468	13.5	11.8 - 15.3	1,811	12.6	10.3 - 15.1	1,657	14.7	12.2 - 17.3
Kansas	2,439	13.8	11.7 - 16.0	1,240	13.1	10.4 - 16.1	1,199	14.4	11.4 - 17.7
Kentucky	4,535	10.4	9.0 - 11.9	2,378	10.1	8.3 - 12.0	2,157	11.1	8.9 - 13.5
Louisiana	3,487	11.0	9.5 - 12.7	1,835	10.1	8.0 - 12.5	1,652	11.9	9.7 - 14.5
Maine	1,645	11.7	9.1 - 14.5	829	9.2	6.7 - 12.3 †	816	14.2	10.6 - 18.3
Maryland	3,988	15.5	13.9 - 17.2	2,128	15.0	12.5 - 17.6	1,860	15.5	13.2 - 17.9
MI - Detroit	3,498	12.1	10.3 - 14.0	1,818	12.0	9.7 - 14.5	1,680	12.8	10.2 - 15.7
Minnesota	5,424	14.8	13.4 - 16.2	2,873	14.2	12.3 - 16.1	2,551	15.7	13.5 - 18.0
Mississippi	2,230	9.1	7.3 - 11.1	1,221	7.7	5.8 - 10.0 †	1,009	12.0	9.1 - 15.2
Missouri	5,379	12.2	10.9 - 13.6	2,888	10.6	8.9 - 12.4	2,491	14.0	12.2 - 16.0
Montana	1,043	15.1	11.8 - 18.8	558	14.9	10.5 - 20.1	485	12.1	8.6 - 16.2 †
Nebraska	1,801	14.6	12.3 - 17.1	959	12.7	10.0 - 15.7	842	16.4	12.4 - 20.8
New Hampshire	1,466	16.3	13.5 - 19.3	775	14.4	11.0 - 18.4 †	691	15.6	12.3 - 19.3
New Jersey	8,594	16.1	15.0 - 17.3	4,351	15.9	14.3 - 17.6	4,243	16.4	14.8 - 18.2
New Mexico	1,794	7.2	5.5 - 9.2 †	953	6.0	3.8 - 8.9 †	841	8.4	6.0 - 11.3 †
New York	18,118	15.9	15.1 - 16.7	9,290	15.3	14.2 - 16.5	8,828	16.7	15.5 - 18.0
North Carolina	7,910	13.6	12.4 - 14.8	4,171	11.4	9.5 - 13.4	3,739	15.6	13.9 - 17.3
North Dakota	657	14.6	11.0 - 18.7	359	12.6	8.7 - 17.3	298	12.2	7.8 - 17.7 †
Ohio	10,660	11.4	10.4 - 12.3	5,541	10.2	9.0 - 11.5	5,119	12.6	11.3 - 14.0
Oklahoma	2,838	12.1	10.4 - 13.9	1,478	10.9	8.6 - 13.4	1,360	13.1	10.7 - 15.8
Oregon	4,074	14.7	13.1 - 16.4	2,202	14.7	12.4 - 17.1	1,872	14.8	12.4 - 17.4
Pennsylvania	14,157	14.4	13.4 - 15.3	7,457	13.2	12.0 - 14.5	6,700	15.9	14.5 - 17.5
Rhode Island	1,062	16.5	13.6 - 19.8	552	14.7	10.8 - 19.1	510	17.8	13.4 - 22.7
South Carolina	3,866	11.2	9.7 - 12.8	2,086	10.6	8.7 - 12.8	1,780	11.9	9.6 - 14.3
Tennessee	5,504	11.3	10.0 - 12.5	2,873	10.2	8.6 - 12.1	2,631	12.2	10.5 - 14.1
Texas	18,219	15.2	14.5 - 16.0	9,677	15.0	14.0 - 16.1	8,542	15.4	14.4 - 16.6
Utah	1,868	13.6	11.5 - 15.8	1,024	10.4	8.0 - 13.1 †	844	14.3	11.2 - 17.7
Vermont	688	14.0	10.5 - 17.9 †	368	15.3	10.6 - 20.8 †	320	12.3	7.7 - 18.2 †
Washington	6,357	16.3	15.0 - 17.7	3,319	15.8	14.0 - 17.7	3,038	17.0	15.0 - 19.0
WA - Seattle	4,329	15.6	14.0 - 17.3	2,234	14.1	12.0 - 16.4	2,095	17.5	15.1 - 20.0
West Virginia	2,062	9.0	7.2 - 11.1	1,045	9.0	6.6 - 12.0	1,017	8.8	6.2 - 11.9
Wisconsin	6,052	14.7	13.4 - 16.1	3,272	13.7	11.9 - 15.5	2,780	16.7	14.7 - 18.9
Wyoming	479	13.6	10.0 - 17.8 †	263	15.4	10.3 - 21.5 †	216	11.4	6.9 - 17.1 †

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	66,266	60.7	60.1 - 61.4	52,550	61.6	60.9 - 62.3	13,716	56.6	55.2 - 57.9
Alabama	1,299	57.2	52.1 - 62.0	1,016	60.8	54.8 - 66.2	283	42.1	33.1 - 50.7
Alaska	99	46.8	37.2 - 55.8	80	49.4	39.0 - 58.9	19	*	
Arizona	1,137	56.0	51.4 - 60.4	926	55.7	50.3 - 60.8	211	53.7	44.1 - 62.3
Arkansas	863	56.0	50.0 - 61.7	662	54.6	47.6 - 61.1	201	55.2	42.3 - 66.3
California	4,630	61.2	58.9 - 63.3	3,826	62.7	60.2 - 65.1	804	52.3	47.3 - 57.0
CA - Greater California	2,930	58.9	56.3 - 61.5	2,384	60.2	57.1 - 63.1	546	50.9	45.1 - 56.4
CA - Greater Bay Area	731	66.1	60.0 - 71.6	619	65.9	59.0 - 71.9	112	61.6	47.8 - 72.8†
CA - Los Angeles	969	62.1	57.3 - 66.5	823	64.1	59.1 - 68.7	146	50.5	38.4 - 61.4
Colorado	871	61.7	56.6 - 66.5	697	60.7	54.7 - 66.1	174	62.9	52.1 - 71.9
Connecticut	942	63.3	57.6 - 68.4	734	64.2	58.1 - 69.8	208	58.9	48.0 - 68.3
Delaware	247	59.2	49.0 - 68.1†	179	62.9	51.2 - 72.6†	68	51.1	33.8 - 66.0†
District of Columbia	27	*		23	91.5	67.9 - 98.0†	*	*	
Florida	6,359	59.0	57.0 - 60.9	5,172	59.2	57.0 - 61.3	1,187	58.3	53.9 - 62.4
Georgia	1,960	61.1	57.3 - 64.6	1,547	62.9	58.6 - 66.9	413	52.6	45.2 - 59.4
Hawaii	132	57.0	45.1 - 67.2	113	58.3	45.7 - 69.0	19	*	
Idaho	271	59.6	49.6 - 68.2	213	54.5	43.6 - 64.2†	58	64.5	45.5 - 78.4†
Illinois	3,052	62.1	59.2 - 64.9	2,400	63.3	60.0 - 66.4	652	57.0	50.9 - 62.6
Indiana	1,956	61.2	57.1 - 65.0	1,503	60.7	55.9 - 65.1	453	59.3	51.0 - 66.7
Iowa	983	58.2	52.5 - 63.3	795	61.1	55.1 - 66.6	188	44.0	33.3 - 54.1
Kansas	663	63.2	56.9 - 68.8	551	62.5	55.7 - 68.6	112	64.9	48.9 - 77.0
Kentucky	1,902	54.5	50.3 - 58.5	1,433	53.0	48.1 - 57.7	469	56.2	49.0 - 62.7
Louisiana	1,264	61.7	56.7 - 66.2	974	62.0	56.3 - 67.2	290	58.2	47.9 - 67.1
Maine	491	62.1	55.1 - 68.4	374	64.2	55.7 - 71.5	117	44.9	33.1 - 56.0
Maryland	938	62.8	57.2 - 67.8	726	65.6	59.5 - 70.9	212	52.1	40.4 - 62.5
MI - Detroit	898	64.0	58.2 - 69.2	703	64.4	57.3 - 70.5	195	59.9	49.3 - 68.9†
Minnesota	1,168	65.1	60.6 - 69.3	945	67.0	62.1 - 71.5	223	54.3	43.8 - 63.7
Mississippi	718	53.8	47.2 - 59.9	566	53.4	45.6 - 60.6	152	60.1	47.4 - 70.7†
Missouri	1,823	57.6	53.4 - 61.5	1,410	57.1	52.3 - 61.6	413	58.3	49.9 - 65.8
Montana	236	65.4	55.1 - 73.9	193	65.5	54.5 - 74.5†	43	58.7	37.9 - 74.6†
Nebraska	424	59.7	51.3 - 67.1	329	58.0	49.3 - 65.7	95	59.3	42.2 - 72.9
New Hampshire	384	59.5	51.8 - 66.5	303	58.1	48.1 - 66.8	81	60.3	42.3 - 74.4†
New Jersey	1,830	63.1	59.2 - 66.8	1,493	64.7	60.2 - 68.7	337	54.3	45.2 - 62.6
New Mexico	376	48.0	40.4 - 55.1†	303	45.3	37.3 - 53.0	73	41.6	25.4 - 57.1†
New York	4,235	62.0	59.5 - 64.3	3,354	63.2	60.6 - 65.7	881	56.4	51.2 - 61.4
North Carolina	2,447	60.8	57.2 - 64.2	1,884	62.0	57.8 - 65.9	563	54.8	48.4 - 60.8
North Dakota	175	60.2	48.4 - 70.1	150	63.8	50.7 - 74.3	25	*	
Ohio	3,533	62.0	59.0 - 64.8	2,715	62.9	59.5 - 66.1	818	56.2	50.7 - 61.4
Oklahoma	927	59.0	53.7 - 63.9	693	63.2	56.7 - 68.9	234	47.8	39.0 - 56.1
Oregon	755	67.7	62.1 - 72.6†	616	63.6	56.7 - 69.7	139	64.2	50.6 - 75.0†
Pennsylvania	3,615	62.7	59.9 - 65.4	2,826	63.2	59.9 - 66.3	789	59.1	53.9 - 63.9
Rhode Island	299	63.4	53.2 - 72.0	231	65.7	53.9 - 75.1	68	55.3	35.7 - 71.0
South Carolina	1,250	56.2	51.1 - 60.9	1,000	56.4	50.7 - 61.7	250	51.3	41.0 - 60.7
Tennessee	2,075	58.3	54.6 - 61.9	1,581	58.4	53.8 - 62.7	494	56.3	49.4 - 62.7
Texas	4,809	58.7	56.2 - 61.1	3,968	59.4	56.7 - 62.1	841	54.2	48.6 - 59.6
Utah	279	60.2	51.5 - 67.8	232	60.4	50.3 - 69.2	47	58.1	40.0 - 72.5†
Vermont	189	54.9	41.4 - 66.4	142	55.4	40.6 - 67.9	47	63.7	44.6 - 77.8†
Washington	1,192	67.1	62.8 - 71.0	955	69.5	64.3 - 74.1	237	56.5	47.4 - 64.6
WA - Seattle	786	67.7	61.7 - 73.0	637	70.9	64.2 - 76.5	149	49.7	37.5 - 60.8†
West Virginia	870	52.3	46.0 - 58.3	663	50.3	43.2 - 57.0	207	56.6	45.9 - 66.0†
Wisconsin	1,540	64.7	60.7 - 68.4	1,253	65.4	60.9 - 69.6	287	57.5	48.6 - 65.3
Wyoming	133	53.5	40.4 - 65.0	98	53.7	38.0 - 67.0	35	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Lung & Bronchus**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	1,152,925	25.1	24.9 - 25.2	597,149	21.0	20.8 - 21.2	555,776	29.3	29.1 - 29.5
Alabama	21,328	20.4	19.5 - 21.3	12,067	17.1	16.0 - 18.2	9,261	24.5	23.0 - 25.9
Alaska	1,753	23.5	20.1 - 27.0	979	21.2	17.1 - 25.5	774	24.2	19.9 - 28.8†
Arizona	24,532	24.6	23.6 - 25.5	12,541	19.6	18.3 - 20.9	11,991	29.5	28.2 - 30.9
Arkansas	16,267	21.7	20.7 - 22.8	9,086	17.8	16.5 - 19.2	7,181	26.2	24.6 - 27.8
California	87,972	25.3	24.8 - 25.8	43,287	20.6	19.9 - 21.3	44,685	29.8	29.1 - 30.5
CA - Greater California	57,321	24.3	23.7 - 24.9	28,052	19.7	18.8 - 20.6	29,269	28.6	27.7 - 29.4
CA - Greater Bay Area	13,972	28.7	27.5 - 30.0	6,687	24.1	22.4 - 25.9	7,285	33.4	31.5 - 35.3
CA - Los Angeles	16,695	25.8	24.7 - 26.9	8,553	20.7	19.2 - 22.3	8,142	31.2	29.6 - 32.8
Colorado	14,439	28.3	27.1 - 29.5	7,057	23.6	22.0 - 25.3	7,382	32.6	30.9 - 34.3
Connecticut	16,462	30.6	29.4 - 31.8	7,921	26.8	25.1 - 28.5	8,541	34.2	32.5 - 35.9
Delaware	4,585	25.4	23.2 - 27.7	2,300	21.1	18.5 - 23.9	2,285	29.8	26.5 - 33.2
District of Columbia	440	32.2	26.2 - 38.3†	202	24.0	16.3 - 32.5†	238	38.3	29.5 - 47.0†
Florida	101,589	26.3	25.8 - 26.7	52,895	22.1	21.5 - 22.7	48,694	30.6	30.0 - 31.3
Georgia	34,121	23.2	22.5 - 24.0	18,664	19.2	18.2 - 20.2	15,457	27.9	26.8 - 29.1
Hawaii	1,502	22.3	19.3 - 25.5†	865	19.1	15.3 - 23.3†	637	26.6	21.8 - 31.7†
Idaho	6,081	23.4	21.6 - 25.3	3,115	19.4	16.7 - 22.2	2,966	27.5	24.8 - 30.1
Illinois	52,249	25.8	25.1 - 26.4	26,643	21.7	20.8 - 22.5	25,606	29.9	29.0 - 30.8
Indiana	34,733	22.3	21.6 - 23.1	18,589	18.7	17.8 - 19.7	16,144	26.4	25.4 - 27.5
Iowa	15,957	22.6	21.5 - 23.8	8,577	19.3	17.8 - 20.9	7,380	26.2	24.5 - 27.9
Kansas	12,094	25.1	23.8 - 26.5	6,347	21.0	19.1 - 22.9	5,747	29.5	27.5 - 31.5
Kentucky	30,932	20.3	19.5 - 21.0	16,590	17.2	16.3 - 18.2	14,342	23.5	22.4 - 24.6
Louisiana	17,006	21.5	20.5 - 22.6	9,178	18.3	16.9 - 19.7	7,828	25.2	23.7 - 26.7
Maine	9,040	23.6	22.2 - 25.1	4,598	18.7	16.8 - 20.6	4,442	28.5	26.5 - 30.6
Maryland	17,938	27.0	25.9 - 28.0	8,780	22.7	21.2 - 24.2	9,158	31.1	29.6 - 32.6
MI - Detroit	15,915	24.6	23.5 - 25.7	7,830	20.9	19.4 - 22.5	8,085	28.1	26.5 - 29.8
Minnesota	22,418	29.7	28.7 - 30.7	11,305	24.9	23.6 - 26.3	11,113	34.2	32.8 - 35.6
Mississippi	12,760	21.8	20.6 - 23.0	7,109	19.0	17.4 - 20.6	5,651	24.9	23.1 - 26.8
Missouri	31,953	23.2	22.4 - 23.9	16,786	19.5	18.4 - 20.5	15,167	27.2	26.0 - 28.3
Montana	4,504	24.5	22.3 - 26.9	2,184	21.9	18.9 - 25.0	2,320	27.2	23.7 - 30.8
Nebraska	7,976	22.9	21.3 - 24.6	4,209	21.1	18.8 - 23.4	3,767	25.2	23.0 - 27.5
New Hampshire	7,240	26.7	25.0 - 28.5	3,483	21.4	19.1 - 23.8	3,757	31.4	29.0 - 33.8
New Jersey	33,689	29.3	28.5 - 30.1	16,071	24.1	23.0 - 25.3	17,618	33.9	32.8 - 35.1
New Mexico	6,019	23.0	21.2 - 24.8	3,139	20.5	18.0 - 23.0	2,880	26.0	23.4 - 28.6
New York	76,254	30.3	29.8 - 30.9	37,023	25.5	24.7 - 26.2	39,231	34.8	34.1 - 35.6
North Carolina	43,922	24.7	24.0 - 25.3	23,336	20.8	19.9 - 21.7	20,586	29.0	28.0 - 30.0
North Dakota	3,102	26.3	23.5 - 29.2	1,668	21.4	17.7 - 25.2	1,434	31.7	27.7 - 35.8
Ohio	56,935	23.0	22.5 - 23.6	30,085	19.9	19.2 - 20.7	26,850	26.4	25.6 - 27.2
Oklahoma	16,733	20.0	18.9 - 21.1	8,987	17.5	16.0 - 19.0	7,746	22.8	21.2 - 24.4
Oregon	16,867	28.6	27.5 - 29.8	8,348	25.0	23.4 - 26.7	8,519	32.0	30.4 - 33.6
Pennsylvania	62,885	26.6	26.0 - 27.2	32,709	21.8	21.1 - 22.6	30,176	31.4	30.6 - 32.2
Rhode Island	5,803	30.5	28.6 - 32.5	2,791	25.3	22.6 - 28.0	3,012	35.2	32.4 - 38.0
South Carolina	20,877	22.9	22.0 - 23.9	11,263	18.3	17.1 - 19.5	9,614	28.1	26.6 - 29.5
Tennessee	34,885	22.4	21.7 - 23.1	18,905	19.2	18.2 - 20.2	15,980	26.0	24.9 - 27.1
Texas	75,249	23.6	23.1 - 24.0	40,629	20.3	19.7 - 21.0	34,620	27.3	26.5 - 28.0
Utah	4,351	23.9	21.8 - 26.0	2,363	17.6	15.0 - 20.3	1,988	30.3	27.4 - 33.3
Vermont	3,449	28.1	25.7 - 30.6	1,758	25.6	22.6 - 28.8	1,691	30.5	27.0 - 34.1
Washington	26,226	27.5	26.7 - 28.4	12,994	23.8	22.5 - 25.0	13,232	31.1	29.9 - 32.4
WA - Seattle	17,839	27.5	26.4 - 28.6	8,780	23.2	21.6 - 24.7	9,059	31.6	30.0 - 33.2
West Virginia	13,687	20.4	19.2 - 21.6	7,391	16.7	15.3 - 18.3	6,296	24.6	22.8 - 26.5
Wisconsin	26,280	26.2	25.3 - 27.1	13,531	22.0	20.8 - 23.2	12,749	30.5	29.2 - 31.9
Wyoming	1,926	23.7	20.7 - 26.8	971	21.8	17.9 - 25.9†	955	24.4	20.4 - 28.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Melanoma of the Skin

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	469,588	92.3	92.1 - 92.4	276,961	90.5	90.3 - 90.7	192,627	94.0	93.8 - 94.2
Alabama	8,183	91.8	90.6 - 92.9	4,812	90.6	88.8 - 92.1	3,371	92.3	90.2 - 93.9
Alaska	626	88.8	84.0 - 92.2	361	86.5	80.0 - 91.0	265	90.9	84.5 - 94.8
Arizona	12,443	90.7	89.7 - 91.7	7,926	88.6	87.0 - 90.1	4,517	93.0	91.4 - 94.3
Arkansas	4,744	91.8	90.2 - 93.1	2,901	90.0	87.5 - 92.0	1,843	92.6	90.4 - 94.4
California	55,325	91.6	91.2 - 92.0	33,514	89.7	89.0 - 90.3	21,811	93.7	93.1 - 94.3
CA - Greater California	34,519	90.9	90.3 - 91.5	20,931	88.7	87.8 - 89.6	13,588	93.3	92.5 - 94.0
CA - Greater Bay Area	12,515	95.0	94.2 - 95.7	7,492	93.5	92.1 - 94.6	5,023	96.2	95.0 - 97.1
CA - Los Angeles	8,327	88.9	87.7 - 90.0	5,118	87.3	85.5 - 88.9	3,209	90.8	88.9 - 92.4
Colorado	8,542	91.7	90.7 - 92.7	4,916	89.6	88.1 - 91.0	3,626	93.9	92.2 - 95.2
Connecticut	5,796	93.0	91.7 - 94.2	3,341	91.6	89.5 - 93.2	2,455	94.4	92.4 - 95.9
Delaware	2,213	92.9	90.4 - 94.7	1,337	89.9	85.7 - 92.9	876	94.7	92.0 - 96.6
District of Columbia	328	90.1	84.1 - 93.9	198	89.4	81.5 - 94.1	130	89.2	78.4 - 94.7
Florida	41,704	90.7	90.2 - 91.3	26,180	88.7	87.8 - 89.5	15,524	93.0	92.3 - 93.7
Georgia	17,768	94.3	93.5 - 95.0	10,552	93.2	92.0 - 94.1	7,216	95.3	94.2 - 96.2
Hawaii	2,074	96.2	93.9 - 97.7	1,338	94.2	91.2 - 96.2	736	97.6	94.1 - 99.1
Idaho	3,368	91.8	90.0 - 93.3	1,986	89.4	86.7 - 91.5	1,382	94.4	91.4 - 96.4
Illinois	18,528	92.9	92.1 - 93.6	10,416	90.8	89.6 - 91.9	8,112	94.7	93.6 - 95.5
Indiana	10,036	89.6	88.6 - 90.6	5,650	87.2	85.5 - 88.6	4,386	91.5	89.9 - 92.9
Iowa	6,323	92.7	91.4 - 93.8	3,435	90.7	88.7 - 92.3	2,888	94.0	92.0 - 95.4
Kansas	4,935	92.3	90.7 - 93.6	2,867	91.1	88.7 - 92.9	2,068	92.3	89.8 - 94.2
Kentucky	8,869	90.3	89.0 - 91.4	5,047	87.6	85.6 - 89.4	3,822	92.4	90.5 - 94.0
Louisiana	5,858	91.9	90.4 - 93.2	3,642	90.0	87.8 - 91.9	2,216	93.5	91.2 - 95.2
Maine	2,899	93.7	91.8 - 95.2	1,560	91.7	88.4 - 94.1	1,339	94.6	91.9 - 96.4
Maryland	10,152	95.6	94.7 - 96.4	5,996	93.8	92.2 - 95.1	4,156	96.9	95.5 - 97.8
MI - Detroit	5,235	92.6	91.1 - 93.9	2,992	90.5	88.2 - 92.3	2,243	94.9	92.8 - 96.4
Minnesota	12,877	95.7	94.9 - 96.3	7,167	94.8	93.7 - 95.7	5,710	96.5	95.4 - 97.3
Mississippi	3,857	90.8	89.0 - 92.3	2,328	88.0	85.2 - 90.3	1,529	92.8	90.0 - 94.9
Missouri	8,687	89.9	88.7 - 91.0	5,162	87.9	86.2 - 89.3	3,525	91.8	89.8 - 93.4
Montana	2,131	88.7	86.0 - 90.9	1,219	87.0	82.8 - 90.3	912	88.9	84.9 - 91.8
Nebraska	3,408	92.4	90.7 - 93.8	1,828	91.1	88.5 - 93.1	1,580	92.6	89.8 - 94.6
New Hampshire	3,182	92.8	90.7 - 94.4	1,792	91.6	88.6 - 93.8	1,390	93.7	90.7 - 95.8
New Jersey	14,589	93.0	92.2 - 93.8	8,419	91.7	90.4 - 92.9	6,170	94.1	92.9 - 95.1
New Mexico	2,428	87.1	84.3 - 89.4	1,461	84.1	79.6 - 87.6	967	89.4	85.5 - 92.3
New York	26,700	92.6	92.0 - 93.1	15,342	91.3	90.4 - 92.2	11,358	93.5	92.7 - 94.2
North Carolina	18,754	94.1	93.3 - 94.7	11,115	93.2	92.1 - 94.2	7,639	94.5	93.4 - 95.4
North Dakota	1,233	91.0	87.8 - 93.4	656	86.6	82.0 - 90.1	577	95.1	90.2 - 97.6
Ohio	19,182	91.6	90.9 - 92.3	10,955	89.3	88.1 - 90.4	8,227	93.5	92.4 - 94.4
Oklahoma	5,359	88.1	86.4 - 89.6	3,311	84.8	82.0 - 87.2	2,048	90.2	87.7 - 92.2
Oregon	8,378	95.0	93.9 - 95.9	4,694	93.4	91.7 - 94.7	3,684	96.2	94.8 - 97.2
Pennsylvania	22,476	91.8	91.1 - 92.4	13,124	89.9	88.9 - 90.9	9,352	93.5	92.5 - 94.4
Rhode Island	1,879	93.1	90.8 - 94.8	1,045	91.4	87.4 - 94.2	834	93.5	90.2 - 95.7
South Carolina	8,851	93.7	92.7 - 94.6	5,295	92.1	90.5 - 93.5	3,556	95.0	93.5 - 96.2
Tennessee	10,255	91.0	89.8 - 92.0	6,085	88.5	86.8 - 90.1	4,170	93.4	91.7 - 94.8
Texas	23,091	88.2	87.4 - 88.9	14,132	86.2	85.0 - 87.2	8,959	89.9	88.8 - 91.0
Utah	6,741	95.4	94.2 - 96.4	3,918	93.9	92.1 - 95.2	2,823	97.0	94.8 - 98.3
Vermont	1,888	95.5	92.5 - 97.3	1,062	93.5	88.8 - 96.3	826	96.6	93.2 - 98.3
Washington	13,181	93.9	93.0 - 94.6	7,429	92.5	91.2 - 93.6	5,752	94.9	93.7 - 95.8
WA - Seattle	10,339	95.2	94.3 - 95.9	5,801	93.8	92.3 - 95.0	4,538	96.0	94.8 - 97.0
West Virginia	3,293	90.0	87.9 - 91.7	1,945	87.2	83.9 - 89.8	1,348	91.1	88.4 - 93.2
Wisconsin	10,188	92.7	91.7 - 93.6	5,921	91.3	89.8 - 92.7	4,267	93.4	91.9 - 94.6
Wyoming	1,031	90.2	86.4 - 93.0	589	86.0	80.1 - 90.3	442	90.4	85.2 - 93.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-38 Survival – Melanoma of the Skin

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Female Breast**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		1,255,679	90.6	90.4 - 90.7
Alabama	N/A	N/A		N/A	N/A		18,634	89.0	87.8 - 90.0
Alaska	N/A	N/A		N/A	N/A		2,199	87.3	83.3 - 90.3
Arizona	N/A	N/A		N/A	N/A		29,214	90.2	89.4 - 90.9
Arkansas	N/A	N/A		N/A	N/A		12,281	89.9	88.5 - 91.2
California	N/A	N/A		N/A	N/A		139,190	90.3	89.9 - 90.7
CA - Greater California	N/A	N/A		N/A	N/A		83,194	89.8	89.3 - 90.3
CA - Greater Bay Area	N/A	N/A		N/A	N/A		24,708	92.1	91.2 - 92.9
CA - Los Angeles	N/A	N/A		N/A	N/A		31,309	90.1	89.2 - 90.9
Colorado	N/A	N/A		N/A	N/A		24,278	92.0	91.0 - 92.8
Connecticut	N/A	N/A		N/A	N/A		19,164	91.4	90.3 - 92.3
Delaware	N/A	N/A		N/A	N/A		4,356	89.4	87.1 - 91.3
District of Columbia	N/A	N/A		N/A	N/A		1,209	93.3	88.0 - 96.3
Florida	N/A	N/A		N/A	N/A		94,702	89.7	89.3 - 90.2
Georgia	N/A	N/A		N/A	N/A		33,758	90.4	89.5 - 91.2
Hawaii	N/A	N/A		N/A	N/A		2,142	90.4	86.9 - 93.1
Idaho	N/A	N/A		N/A	N/A		7,790	88.6	86.8 - 90.2
Illinois	N/A	N/A		N/A	N/A		55,847	90.7	90.0 - 91.2
Indiana	N/A	N/A		N/A	N/A		30,405	90.4	89.5 - 91.2
Iowa	N/A	N/A		N/A	N/A		16,109	91.2	90.0 - 92.2
Kansas	N/A	N/A		N/A	N/A		13,592	92.2	90.8 - 93.3
Kentucky	N/A	N/A		N/A	N/A		21,868	88.8	87.8 - 89.8
Louisiana	N/A	N/A		N/A	N/A		15,999	90.1	88.9 - 91.2
Maine	N/A	N/A		N/A	N/A		7,961	92.2	90.5 - 93.6
Maryland	N/A	N/A		N/A	N/A		21,229	91.5	90.5 - 92.5
MI - Detroit	N/A	N/A		N/A	N/A		16,482	90.8	89.8 - 91.8
Minnesota	N/A	N/A		N/A	N/A		27,549	92.9	92.1 - 93.7
Mississippi	N/A	N/A		N/A	N/A		9,569	89.3	87.7 - 90.8
Missouri	N/A	N/A		N/A	N/A		29,005	91.1	90.2 - 91.9
Montana	N/A	N/A		N/A	N/A		5,437	89.8	87.3 - 91.7
Nebraska	N/A	N/A		N/A	N/A		9,078	90.1	88.5 - 91.5
New Hampshire	N/A	N/A		N/A	N/A		8,333	92.6	90.9 - 94.1
New Jersey	N/A	N/A		N/A	N/A		41,226	90.0	89.3 - 90.7
New Mexico	N/A	N/A		N/A	N/A		8,840	87.4	85.8 - 88.8
New York	N/A	N/A		N/A	N/A		84,528	90.6	90.1 - 91.0
North Carolina	N/A	N/A		N/A	N/A		43,585	91.0	90.3 - 91.6
North Dakota	N/A	N/A		N/A	N/A		3,372	92.5	90.2 - 94.3
Ohio	N/A	N/A		N/A	N/A		56,061	91.3	90.7 - 91.9
Oklahoma	N/A	N/A		N/A	N/A		15,285	88.7	87.4 - 90.0
Oregon	N/A	N/A		N/A	N/A		20,699	92.7	91.6 - 93.6
Pennsylvania	N/A	N/A		N/A	N/A		66,457	90.2	89.7 - 90.7
Rhode Island	N/A	N/A		N/A	N/A		5,909	94.2	92.4 - 95.6
South Carolina	N/A	N/A		N/A	N/A		20,261	90.3	89.2 - 91.3
Tennessee	N/A	N/A		N/A	N/A		29,052	90.2	89.3 - 91.1
Texas	N/A	N/A		N/A	N/A		93,878	89.8	89.2 - 90.2
Utah	N/A	N/A		N/A	N/A		9,943	89.2	87.7 - 90.5
Vermont	N/A	N/A		N/A	N/A		3,628	92.2	89.8 - 94.0
Washington	N/A	N/A		N/A	N/A		33,734	92.4	91.6 - 93.1
WA - Seattle	N/A	N/A		N/A	N/A		23,623	92.7	91.7 - 93.6
West Virginia	N/A	N/A		N/A	N/A		9,802	89.1	87.6 - 90.4
Wisconsin	N/A	N/A		N/A	N/A		29,560	91.5	90.7 - 92.3
Wyoming	N/A	N/A		N/A	N/A		2,479	90.2	86.9 - 92.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		63,709	62.0	61.5 - 62.6
Alabama	N/A	N/A		N/A	N/A		1,113	58.4	54.5 - 62.2
Alaska	N/A	N/A		N/A	N/A		123	71.9	58.1 - 81.9
Arizona	N/A	N/A		N/A	N/A		1,368	61.7	57.9 - 65.3
Arkansas	N/A	N/A		N/A	N/A		784	59.2	53.7 - 64.2
California	N/A	N/A		N/A	N/A		7,684	60.5	58.8 - 62.1
CA - Greater California	N/A	N/A		N/A	N/A		4,632	60.2	58.0 - 62.3
CA - Greater Bay Area	N/A	N/A		N/A	N/A		1,024	68.7	64.4 - 72.5
CA - Los Angeles	N/A	N/A		N/A	N/A		2,028	56.1	52.6 - 59.4
Colorado	N/A	N/A		N/A	N/A		1,060	69.6	65.2 - 73.5
Connecticut	N/A	N/A		N/A	N/A		677	67.5	62.4 - 72.1
Delaware	N/A	N/A		N/A	N/A		213	68.7	60.2 - 75.7†
District of Columbia	N/A	N/A		N/A	N/A		53	62.1	47.2 - 73.9
Florida	N/A	N/A		N/A	N/A		5,358	61.3	59.4 - 63.2
Georgia	N/A	N/A		N/A	N/A		1,806	59.8	56.0 - 63.4
Hawaii	N/A	N/A		N/A	N/A		92	59.0	48.8 - 67.8
Idaho	N/A	N/A		N/A	N/A		350	74.6	68.0 - 80.0†
Illinois	N/A	N/A		N/A	N/A		2,700	62.0	59.3 - 64.5
Indiana	N/A	N/A		N/A	N/A		1,681	60.7	57.3 - 63.9
Iowa	N/A	N/A		N/A	N/A		748	63.2	58.2 - 67.7
Kansas	N/A	N/A		N/A	N/A		658	61.0	55.3 - 66.2
Kentucky	N/A	N/A		N/A	N/A		1,367	59.8	55.5 - 63.8
Louisiana	N/A	N/A		N/A	N/A		866	57.8	52.7 - 62.5
Maine	N/A	N/A		N/A	N/A		273	61.3	54.9 - 67.0
Maryland	N/A	N/A		N/A	N/A		867	65.0	60.7 - 69.0
MI - Detroit	N/A	N/A		N/A	N/A		664	54.6	49.2 - 59.7
Minnesota	N/A	N/A		N/A	N/A		865	67.1	61.5 - 72.0
Mississippi	N/A	N/A		N/A	N/A		574	64.7	59.3 - 69.6†
Missouri	N/A	N/A		N/A	N/A		1,500	62.8	58.9 - 66.5
Montana	N/A	N/A		N/A	N/A		221	66.0	55.1 - 74.8
Nebraska	N/A	N/A		N/A	N/A		434	56.7	49.4 - 63.3
New Hampshire	N/A	N/A		N/A	N/A		233	66.5	58.3 - 73.4†
New Jersey	N/A	N/A		N/A	N/A		1,935	61.0	58.0 - 63.8
New Mexico	N/A	N/A		N/A	N/A		489	63.9	57.1 - 70.0
New York	N/A	N/A		N/A	N/A		3,773	61.8	59.8 - 63.8
North Carolina	N/A	N/A		N/A	N/A		1,851	63.0	59.9 - 66.0
North Dakota	N/A	N/A		N/A	N/A		112	63.9	50.9 - 74.3
Ohio	N/A	N/A		N/A	N/A		2,751	62.2	59.4 - 64.9
Oklahoma	N/A	N/A		N/A	N/A		940	58.0	52.7 - 63.0
Oregon	N/A	N/A		N/A	N/A		888	66.9	61.5 - 71.6
Pennsylvania	N/A	N/A		N/A	N/A		2,827	62.3	59.8 - 64.7
Rhode Island	N/A	N/A		N/A	N/A		247	67.6	58.5 - 75.1
South Carolina	N/A	N/A		N/A	N/A		920	60.4	55.9 - 64.6
Tennessee	N/A	N/A		N/A	N/A		1,649	60.1	56.4 - 63.7
Texas	N/A	N/A		N/A	N/A		7,244	61.1	59.3 - 62.9
Utah	N/A	N/A		N/A	N/A		438	63.3	55.1 - 70.3
Vermont	N/A	N/A		N/A	N/A		91	69.5	57.2 - 78.8
Washington	N/A	N/A		N/A	N/A		1,353	67.6	63.7 - 71.3
WA - Seattle	N/A	N/A		N/A	N/A		946	66.2	61.3 - 70.7
West Virginia	N/A	N/A		N/A	N/A		620	59.2	53.7 - 64.2
Wisconsin	N/A	N/A		N/A	N/A		1,111	65.5	60.9 - 69.7
Wyoming	N/A	N/A		N/A	N/A		138	71.5	58.7 - 80.9

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-40 Survival – Cervix Uteri

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		289,205	80.4	80.1 - 80.7
Alabama	N/A	N/A		N/A	N/A		3,189	80.6	77.7 - 83.2
Alaska	N/A	N/A		N/A	N/A		521	82.8	73.4 - 89.1
Arizona	N/A	N/A		N/A	N/A		6,094	79.6	77.6 - 81.4
Arkansas	N/A	N/A		N/A	N/A		2,617	78.8	75.7 - 81.6
California	N/A	N/A		N/A	N/A		31,810	78.1	77.2 - 79.0
CA - Greater California	N/A	N/A		N/A	N/A		18,564	78.6	77.5 - 79.7
CA - Greater Bay Area	N/A	N/A		N/A	N/A		5,468	79.2	77.0 - 81.1
CA - Los Angeles	N/A	N/A		N/A	N/A		7,778	75.7	73.9 - 77.4
Colorado	N/A	N/A		N/A	N/A		4,708	81.3	79.2 - 83.2
Connecticut	N/A	N/A		N/A	N/A		4,506	82.6	80.5 - 84.4
Delaware	N/A	N/A		N/A	N/A		1,086	81.6	77.3 - 85.1
District of Columbia	N/A	N/A		N/A	N/A		201	83.7	69.8 - 91.6
Florida	N/A	N/A		N/A	N/A		20,229	78.6	77.6 - 79.6
Georgia	N/A	N/A		N/A	N/A		6,690	79.9	77.7 - 82.0
Hawaii	N/A	N/A		N/A	N/A		439	77.9	68.3 - 85.0
Idaho	N/A	N/A		N/A	N/A		1,670	72.1	68.0 - 75.8
Illinois	N/A	N/A		N/A	N/A		13,781	79.9	78.5 - 81.2
Indiana	N/A	N/A		N/A	N/A		7,483	81.2	79.4 - 82.8
Iowa	N/A	N/A		N/A	N/A		4,240	82.4	80.4 - 84.1
Kansas	N/A	N/A		N/A	N/A		2,943	81.1	78.0 - 83.8
Kentucky	N/A	N/A		N/A	N/A		5,008	80.7	78.1 - 83.0
Louisiana	N/A	N/A		N/A	N/A		2,666	76.8	73.7 - 79.6
Maine	N/A	N/A		N/A	N/A		2,237	82.7	78.9 - 85.8
Maryland	N/A	N/A		N/A	N/A		4,920	79.5	77.1 - 81.6
MI - Detroit	N/A	N/A		N/A	N/A		4,143	79.7	77.1 - 82.0
Minnesota	N/A	N/A		N/A	N/A		6,934	83.4	81.6 - 85.1
Mississippi	N/A	N/A		N/A	N/A		1,819	74.5	70.0 - 78.4
Missouri	N/A	N/A		N/A	N/A		6,610	81.0	79.1 - 82.8
Montana	N/A	N/A		N/A	N/A		1,177	81.1	76.6 - 84.9
Nebraska	N/A	N/A		N/A	N/A		2,075	80.9	77.2 - 84.0
New Hampshire	N/A	N/A		N/A	N/A		2,031	80.6	76.9 - 83.8
New Jersey	N/A	N/A		N/A	N/A		10,885	79.3	77.9 - 80.7
New Mexico	N/A	N/A		N/A	N/A		1,901	77.7	73.7 - 81.2
New York	N/A	N/A		N/A	N/A		21,789	80.2	79.2 - 81.1
North Carolina	N/A	N/A		N/A	N/A		8,673	83.1	81.5 - 84.6
North Dakota	N/A	N/A		N/A	N/A		706	80.5	75.6 - 84.5
Ohio	N/A	N/A		N/A	N/A		14,622	80.6	79.3 - 81.9
Oklahoma	N/A	N/A		N/A	N/A		2,997	79.8	76.8 - 82.4
Oregon	N/A	N/A		N/A	N/A		4,998	84.0	81.4 - 86.2
Pennsylvania	N/A	N/A		N/A	N/A		18,101	81.6	80.4 - 82.7
Rhode Island	N/A	N/A		N/A	N/A		1,434	78.0	73.9 - 81.6
South Carolina	N/A	N/A		N/A	N/A		3,735	77.3	74.5 - 79.8
Tennessee	N/A	N/A		N/A	N/A		6,145	81.9	79.9 - 83.7
Texas	N/A	N/A		N/A	N/A		19,644	78.9	77.6 - 80.1
Utah	N/A	N/A		N/A	N/A		2,396	77.3	74.2 - 80.1
Vermont	N/A	N/A		N/A	N/A		1,100	83.0	78.5 - 86.7
Washington	N/A	N/A		N/A	N/A		7,101	83.8	82.2 - 85.2
WA - Seattle	N/A	N/A		N/A	N/A		4,891	83.3	81.4 - 85.0
West Virginia	N/A	N/A		N/A	N/A		2,814	82.6	79.9 - 85.0
Wisconsin	N/A	N/A		N/A	N/A		7,791	81.8	80.1 - 83.4
Wyoming	N/A	N/A		N/A	N/A		546	82.7	74.6 - 88.4

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		112,406	45.2	44.8 - 45.6
Alabama	N/A	N/A		N/A	N/A		1,790	41.8	38.6 - 45.0
Alaska	N/A	N/A		N/A	N/A		186	48.4	37.4 - 58.6
Arizona	N/A	N/A		N/A	N/A		2,654	44.6	41.9 - 47.2
Arkansas	N/A	N/A		N/A	N/A		1,169	40.7	36.5 - 44.8
California	N/A	N/A		N/A	N/A		13,397	44.5	43.3 - 45.7
CA - Greater California	N/A	N/A		N/A	N/A		7,768	43.7	42.1 - 45.3
CA - Greater Bay Area	N/A	N/A		N/A	N/A		2,235	47.2	44.4 - 50.0
CA - Los Angeles	N/A	N/A		N/A	N/A		3,392	44.4	41.9 - 47.0
Colorado	N/A	N/A		N/A	N/A		1,984	49.0	45.8 - 52.1
Connecticut	N/A	N/A		N/A	N/A		1,598	48.7	45.2 - 52.0
Delaware	N/A	N/A		N/A	N/A		376	42.8	35.6 - 49.7
District of Columbia	N/A	N/A		N/A	N/A		103	55.5	42.4 - 66.8
Florida	N/A	N/A		N/A	N/A		9,145	45.2	43.7 - 46.6
Georgia	N/A	N/A		N/A	N/A		2,976	43.3	40.7 - 45.8
Hawaii	N/A	N/A		N/A	N/A		179	47.4	38.1 - 56.1
Idaho	N/A	N/A		N/A	N/A		699	39.1	34.2 - 44.0
Illinois	N/A	N/A		N/A	N/A		4,865	45.7	43.6 - 47.6
Indiana	N/A	N/A		N/A	N/A		2,656	42.3	39.7 - 45.0
Iowa	N/A	N/A		N/A	N/A		1,379	44.4	40.9 - 47.8
Kansas	N/A	N/A		N/A	N/A		1,150	47.3	43.3 - 51.1
Kentucky	N/A	N/A		N/A	N/A		1,739	41.0	37.8 - 44.2
Louisiana	N/A	N/A		N/A	N/A		1,264	43.1	39.3 - 46.8
Maine	N/A	N/A		N/A	N/A		585	48.0	42.5 - 53.2
Maryland	N/A	N/A		N/A	N/A		1,866	45.8	42.5 - 49.0
MI - Detroit	N/A	N/A		N/A	N/A		1,535	45.8	42.4 - 49.1
Minnesota	N/A	N/A		N/A	N/A		2,179	49.0	46.0 - 51.9
Mississippi	N/A	N/A		N/A	N/A		822	44.3	39.3 - 49.1
Missouri	N/A	N/A		N/A	N/A		2,232	43.9	41.0 - 46.9
Montana	N/A	N/A		N/A	N/A		456	48.5	42.1 - 54.6
Nebraska	N/A	N/A		N/A	N/A		732	47.4	42.4 - 52.1
New Hampshire	N/A	N/A		N/A	N/A		634	43.2	37.9 - 48.3
New Jersey	N/A	N/A		N/A	N/A		3,775	48.1	45.9 - 50.4
New Mexico	N/A	N/A		N/A	N/A		872	38.8	34.5 - 43.2
New York	N/A	N/A		N/A	N/A		7,910	47.0	45.4 - 48.5
North Carolina	N/A	N/A		N/A	N/A		3,577	45.7	43.4 - 48.0
North Dakota	N/A	N/A		N/A	N/A		249	43.4	35.2 - 51.3
Ohio	N/A	N/A		N/A	N/A		4,816	44.9	42.9 - 46.9
Oklahoma	N/A	N/A		N/A	N/A		1,462	42.6	39.0 - 46.2
Oregon	N/A	N/A		N/A	N/A		1,842	42.2	38.9 - 45.4
Pennsylvania	N/A	N/A		N/A	N/A		6,136	47.4	45.7 - 49.2
Rhode Island	N/A	N/A		N/A	N/A		451	47.3	41.2 - 53.1
South Carolina	N/A	N/A		N/A	N/A		1,556	46.0	42.6 - 49.3
Tennessee	N/A	N/A		N/A	N/A		2,536	40.8	38.1 - 43.5
Texas	N/A	N/A		N/A	N/A		8,884	44.8	43.3 - 46.3
Utah	N/A	N/A		N/A	N/A		956	43.0	38.8 - 47.0
Vermont	N/A	N/A		N/A	N/A		297	44.9	37.0 - 52.6
Washington	N/A	N/A		N/A	N/A		2,801	46.6	43.9 - 49.2
WA - Seattle	N/A	N/A		N/A	N/A		1,927	45.6	42.5 - 48.7
West Virginia	N/A	N/A		N/A	N/A		1,019	39.0	34.8 - 43.2
Wisconsin	N/A	N/A		N/A	N/A		2,678	48.4	45.8 - 50.9
Wyoming	N/A	N/A		N/A	N/A		239	45.3	36.5 - 53.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-42 Survival – Ovary

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Prostate**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		993,997	94.2	94.1 - 94.4	N/A	N/A	
Alabama	N/A	N/A		15,580	94.4	93.1 - 95.5	N/A	N/A	
Alaska	N/A	N/A		1,861	93.7	90.6 - 95.7†	N/A	N/A	
Arizona	N/A	N/A		20,330	90.9	89.9 - 91.8	N/A	N/A	
Arkansas	N/A	N/A		11,247	95.8	94.1 - 97.0	N/A	N/A	
California	N/A	N/A		100,555	92.3	91.8 - 92.7	N/A	N/A	
CA - Greater California	N/A	N/A		61,353	91.5	90.9 - 92.1	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		18,154	93.9	92.9 - 94.9	N/A	N/A	
CA - Los Angeles	N/A	N/A		21,044	92.5	91.5 - 93.4	N/A	N/A	
Colorado	N/A	N/A		16,974	92.0	90.8 - 93.1	N/A	N/A	
Connecticut	N/A	N/A		14,993	93.5	92.3 - 94.5	N/A	N/A	
Delaware	N/A	N/A		3,772	93.1	90.5 - 94.9	N/A	N/A	
District of Columbia	N/A	N/A		826	91.4	86.4 - 94.6	N/A	N/A	
Florida	N/A	N/A		76,707	92.9	92.4 - 93.4	N/A	N/A	
Georgia	N/A	N/A		27,529	94.6	93.5 - 95.5	N/A	N/A	
Hawaii	N/A	N/A		1,841	91.2	86.6 - 94.2	N/A	N/A	
Idaho	N/A	N/A		6,917	91.6	89.7 - 93.2	N/A	N/A	
Illinois	N/A	N/A		43,236	94.5	93.8 - 95.1	N/A	N/A	
Indiana	N/A	N/A		22,391	94.6	93.4 - 95.7	N/A	N/A	
Iowa	N/A	N/A		14,166	92.5	91.1 - 93.7	N/A	N/A	
Kansas	N/A	N/A		11,233	96.8	95.6 - 97.7	N/A	N/A	
Kentucky	N/A	N/A		16,930	92.8	91.5 - 93.9	N/A	N/A	
Louisiana	N/A	N/A		15,437	97.2	95.8 - 98.2	N/A	N/A	
Maine	N/A	N/A		6,077	92.3	89.9 - 94.2	N/A	N/A	
Maryland	N/A	N/A		17,424	96.0	94.7 - 97.0	N/A	N/A	
MI - Detroit	N/A	N/A		14,048	96.1	94.6 - 97.1	N/A	N/A	
Minnesota	N/A	N/A		23,202	92.7	91.7 - 93.6	N/A	N/A	
Mississippi	N/A	N/A		8,866	96.1	94.4 - 97.4	N/A	N/A	
Missouri	N/A	N/A		20,640	94.2	93.1 - 95.2	N/A	N/A	
Montana	N/A	N/A		5,662	92.0	89.6 - 93.9	N/A	N/A	
Nebraska	N/A	N/A		8,294	94.9	92.9 - 96.4	N/A	N/A	
New Hampshire	N/A	N/A		6,802	93.2	90.9 - 94.9	N/A	N/A	
New Jersey	N/A	N/A		35,995	96.0	95.3 - 96.7	N/A	N/A	
New Mexico	N/A	N/A		6,356	89.8	87.9 - 91.5	N/A	N/A	
New York	N/A	N/A		71,952	94.3	93.7 - 94.8	N/A	N/A	
North Carolina	N/A	N/A		33,389	95.1	94.2 - 95.9	N/A	N/A	
North Dakota	N/A	N/A		3,317	96.1	93.4 - 97.7	N/A	N/A	
Ohio	N/A	N/A		43,017	95.3	94.4 - 96.0	N/A	N/A	
Oklahoma	N/A	N/A		11,608	94.8	93.5 - 95.9	N/A	N/A	
Oregon	N/A	N/A		15,283	94.5	93.5 - 95.4	N/A	N/A	
Pennsylvania	N/A	N/A		49,748	94.8	94.1 - 95.5	N/A	N/A	
Rhode Island	N/A	N/A		4,182	93.5	91.3 - 95.2	N/A	N/A	
South Carolina	N/A	N/A		15,775	94.2	92.8 - 95.3	N/A	N/A	
Tennessee	N/A	N/A		24,638	96.9	96.0 - 97.6	N/A	N/A	
Texas	N/A	N/A		71,037	93.5	92.9 - 94.1	N/A	N/A	
Utah	N/A	N/A		9,727	93.6	91.9 - 94.9	N/A	N/A	
Vermont	N/A	N/A		2,684	91.4	87.8 - 94.0	N/A	N/A	
Washington	N/A	N/A		25,448	93.6	92.7 - 94.4	N/A	N/A	
WA - Seattle	N/A	N/A		18,773	93.9	92.8 - 94.9	N/A	N/A	
West Virginia	N/A	N/A		7,951	94.8	92.8 - 96.3	N/A	N/A	
Wisconsin	N/A	N/A		25,661	93.6	92.6 - 94.5	N/A	N/A	
Wyoming	N/A	N/A		2,689	94.2	90.4 - 96.5	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		50,624	92.4	91.3 - 93.4	N/A	N/A	
Alabama	N/A	N/A		574	84.6	80.6 - 87.9	N/A	N/A	
Alaska	N/A	N/A		130	94.5	87.2 - 97.7†	N/A	N/A	
Arizona	N/A	N/A		1,100	93.1	90.7 - 94.9†	N/A	N/A	
Arkansas	N/A	N/A		447	92.3	88.1 - 95.1†	N/A	N/A	
California	N/A	N/A		7,242	86.6	83.4 - 89.2	N/A	N/A	
CA - Greater California	N/A	N/A		4,062	84.6	80.2 - 88.0	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		1,347	92.2	86.6 - 95.6	N/A	N/A	
CA - Los Angeles	N/A	N/A		1,834	85.2	80.4 - 89.0	N/A	N/A	
Colorado	N/A	N/A		988	92.3	87.0 - 95.5	N/A	N/A	
Connecticut	N/A	N/A		689	95.8	91.4 - 98.0	N/A	N/A	
Delaware	N/A	N/A		150	83.3	77.1 - 87.9	N/A	N/A	
District of Columbia	N/A	N/A		101	99.0	92.8 - 99.9†	N/A	N/A	
Florida	N/A	N/A		2,740	89.2	84.4 - 92.6	N/A	N/A	
Georgia	N/A	N/A		1,229	82.3	79.6 - 84.7	N/A	N/A	
Hawaii	N/A	N/A		116	96.6	90.0 - 98.9†	N/A	N/A	
Idaho	N/A	N/A		339	98.2	95.4 - 99.3†	N/A	N/A	
Illinois	N/A	N/A		2,403	92.6	88.4 - 95.3	N/A	N/A	
Indiana	N/A	N/A		1,219	92.4	88.1 - 95.2	N/A	N/A	
Iowa	N/A	N/A		643	86.4	77.8 - 91.8	N/A	N/A	
Kansas	N/A	N/A		565	95.6	92.9 - 97.3†	N/A	N/A	
Kentucky	N/A	N/A		752	78.7	73.7 - 82.9	N/A	N/A	
Louisiana	N/A	N/A		627	97.5	94.8 - 98.8†	N/A	N/A	
Maine	N/A	N/A		276	93.6	88.3 - 96.5†	N/A	N/A	
Maryland	N/A	N/A		759	97.4	94.8 - 98.7†	N/A	N/A	
MI - Detroit	N/A	N/A		608	92.4	71.6 - 98.1	N/A	N/A	
Minnesota	N/A	N/A		1,218	97.1	95.7 - 98.1†	N/A	N/A	
Mississippi	N/A	N/A		298	93.6	89.3 - 96.2†	N/A	N/A	
Missouri	N/A	N/A		945	96.5	94.2 - 97.9†	N/A	N/A	
Montana	N/A	N/A		221	94.4	85.0 - 98.0	N/A	N/A	
Nebraska	N/A	N/A		426	95.6	92.3 - 97.5†	N/A	N/A	
New Hampshire	N/A	N/A		301	97.8	92.4 - 99.4†	N/A	N/A	
New Jersey	N/A	N/A		1,517	89.9	77.9 - 95.6	N/A	N/A	
New Mexico	N/A	N/A		368	94.2	89.7 - 96.8†	N/A	N/A	
New York	N/A	N/A		3,478	94.0	90.9 - 96.1	N/A	N/A	
North Carolina	N/A	N/A		1,446	89.6	83.4 - 93.5	N/A	N/A	
North Dakota	N/A	N/A		168	94.5	87.8 - 97.6†	N/A	N/A	
Ohio	N/A	N/A		1,983	89.6	85.6 - 92.5	N/A	N/A	
Oklahoma	N/A	N/A		544	94.9	91.5 - 97.0†	N/A	N/A	
Oregon	N/A	N/A		855	93.8	86.3 - 97.2	N/A	N/A	
Pennsylvania	N/A	N/A		2,516	91.3	87.7 - 93.8	N/A	N/A	
Rhode Island	N/A	N/A		201	99.2	86.6 - †	N/A	N/A	
South Carolina	N/A	N/A		618	93.0	88.3 - 95.8	N/A	N/A	
Tennessee	N/A	N/A		1,047	87.3	81.6 - 91.3	N/A	N/A	
Texas	N/A	N/A		4,726	88.7	84.6 - 91.8	N/A	N/A	
Utah	N/A	N/A		716	97.3	95.0 - 98.5†	N/A	N/A	
Vermont	N/A	N/A		148	95.7	86.7 - 98.7†	N/A	N/A	
Washington	N/A	N/A		1,460	93.5	87.5 - 96.6	N/A	N/A	
WA - Seattle	N/A	N/A		1,061	94.0	85.6 - 97.6	N/A	N/A	
West Virginia	N/A	N/A		323	92.9	88.5 - 95.6†	N/A	N/A	
Wisconsin	N/A	N/A		1,257	94.6	89.9 - 97.2	N/A	N/A	
Wyoming	N/A	N/A		147	96.7	88.0 - 99.1†	N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-44 Survival – Testis

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Urinary Bladder (incl. in situ)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	425,681	77.0	76.8 - 77.2	327,077	77.8	77.6 - 78.1	98,604	74.5	74.1 - 74.9
Alabama	6,272	74.2	72.2 - 76.1	4,922	75.0	72.7 - 77.2	1,350	71.4	67.3 - 75.1
Alaska	757	77.2	71.2 - 82.1	599	77.0	70.0 - 82.6	158	73.5	63.9 - 80.9
Arizona	10,288	75.1	73.6 - 76.5	8,050	75.1	73.4 - 76.7	2,238	74.4	71.5 - 77.0
Arkansas	4,525	74.0	71.6 - 76.3	3,602	74.4	71.7 - 77.0	923	72.8	67.9 - 77.1
California	39,787	76.3	75.6 - 77.0	30,774	77.0	76.1 - 77.8	9,013	73.9	72.4 - 75.3
CA - Greater California	24,502	75.2	74.2 - 76.1	18,964	75.8	74.7 - 76.8	5,538	72.9	71.1 - 74.7
CA - Greater Bay Area	7,116	79.1	77.4 - 80.7	5,488	78.7	76.7 - 80.5	1,628	80.2	77.1 - 82.9
CA - Los Angeles	8,180	77.1	75.4 - 78.6	6,328	79.0	77.1 - 80.7	1,852	70.6	67.3 - 73.6
Colorado	6,613	78.0	76.3 - 79.6	5,115	79.4	77.4 - 81.2	1,498	73.8	70.3 - 77.0
Connecticut	7,482	78.5	76.8 - 80.0	5,581	79.1	77.1 - 80.9	1,901	76.7	73.4 - 79.6
Delaware	1,743	77.8	74.0 - 81.2	1,347	78.8	73.7 - 82.9	396	71.8	64.3 - 77.9
District of Columbia	236	80.4	71.1 - 87.0	185	79.2	68.0 - 86.8	51	80.8	57.9 - 92.1†
Florida	36,860	74.7	73.9 - 75.5	28,532	75.0	74.1 - 75.9	8,328	73.6	72.0 - 75.1
Georgia	10,631	74.9	73.3 - 76.4	8,309	76.2	74.4 - 77.9	2,322	70.7	67.6 - 73.6
Hawaii	728	72.1	65.9 - 77.4	592	71.5	64.6 - 77.3	136	74.2	59.0 - 84.4†
Idaho	2,667	77.8	74.8 - 80.6	2,113	78.8	75.4 - 81.7	554	73.3	66.0 - 79.3
Illinois	18,822	77.8	76.7 - 78.8	14,231	78.7	77.5 - 79.9	4,591	75.0	73.0 - 76.9
Indiana	10,757	76.6	75.1 - 78.0	8,251	77.5	75.7 - 79.1	2,506	73.6	70.8 - 76.2
Iowa	5,666	76.3	74.2 - 78.1	4,403	76.8	74.5 - 79.0	1,263	73.6	69.6 - 77.2
Kansas	4,686	77.8	75.7 - 79.8	3,595	79.3	76.8 - 81.6	1,091	73.1	68.7 - 76.9
Kentucky	7,757	73.7	72.0 - 75.3	5,862	75.3	73.3 - 77.2	1,895	68.7	65.4 - 71.7
Louisiana	5,429	76.5	74.4 - 78.4	4,269	77.7	75.3 - 79.9	1,160	71.2	66.8 - 75.1
Maine	3,484	79.9	77.4 - 82.1	2,659	81.0	78.1 - 83.6	825	73.2	67.6 - 77.9†
Maryland	7,052	79.0	77.3 - 80.6	5,432	80.1	78.1 - 81.9	1,620	75.0	71.6 - 78.1
MI - Detroit	6,169	78.2	76.4 - 79.9	4,669	79.3	77.2 - 81.2	1,500	74.3	70.7 - 77.6
Minnesota	9,098	79.7	78.2 - 81.1	6,982	80.3	78.6 - 81.9	2,116	77.7	74.7 - 80.4
Mississippi	3,388	77.7	75.0 - 80.1	2,643	79.2	76.0 - 82.1	745	72.2	66.9 - 76.8
Missouri	9,295	75.6	74.0 - 77.1	7,181	75.8	74.0 - 77.6	2,114	74.3	71.2 - 77.2
Montana	2,053	76.3	72.7 - 79.5	1,561	75.3	71.0 - 79.1	492	75.6	68.8 - 81.1
Nebraska	3,007	77.5	74.7 - 80.0	2,301	77.3	74.0 - 80.2	706	77.2	72.1 - 81.4
New Hampshire	3,191	79.8	77.1 - 82.2	2,412	80.0	76.8 - 82.8	779	77.9	72.9 - 82.1
New Jersey	15,089	78.2	77.1 - 79.4	11,219	79.1	77.7 - 80.5	3,870	75.5	73.3 - 77.6
New Mexico	2,406	69.9	66.1 - 73.4	1,845	72.1	67.3 - 76.3	561	63.3	56.1 - 69.6
New York	32,711	79.4	78.6 - 80.2	24,479	80.1	79.2 - 81.0	8,232	77.2	75.7 - 78.6
North Carolina	14,033	77.0	75.7 - 78.2	10,774	77.4	75.9 - 78.9	3,259	75.0	72.7 - 77.1
North Dakota	1,148	81.9	78.2 - 85.1	898	82.2	77.7 - 85.9	250	79.4	72.3 - 84.9
Ohio	20,038	76.5	75.4 - 77.5	15,390	78.0	76.7 - 79.2	4,648	71.6	69.4 - 73.7
Oklahoma	5,123	72.9	70.6 - 75.1	4,033	73.2	70.6 - 75.7	1,090	71.0	66.3 - 75.1
Oregon	6,980	79.3	77.5 - 81.0	5,410	79.8	77.6 - 81.8	1,570	77.1	73.7 - 80.1
Pennsylvania	25,871	78.8	77.9 - 79.6	19,610	79.4	78.4 - 80.5	6,261	76.5	74.9 - 78.1
Rhode Island	2,326	81.0	77.8 - 83.8	1,741	82.0	78.1 - 85.2	585	79.4	73.5 - 84.1
South Carolina	6,627	77.0	75.2 - 78.8	5,121	78.6	76.4 - 80.5	1,506	71.3	67.5 - 74.7
Tennessee	9,940	77.2	75.6 - 78.7	7,633	78.0	76.1 - 79.8	2,307	73.8	70.9 - 76.5
Texas	24,383	75.3	74.4 - 76.3	19,078	76.3	75.1 - 77.3	5,305	72.2	70.3 - 73.9
Utah	2,793	78.3	75.6 - 80.8	2,271	80.3	77.3 - 83.0	522	71.2	64.9 - 76.6
Vermont	1,341	76.2	72.3 - 79.7	1,000	77.9	73.2 - 81.8	341	66.0	56.9 - 73.6†
Washington	10,771	77.4	76.0 - 78.8	8,344	78.3	76.6 - 79.9	2,427	74.2	71.4 - 76.8
WA - Seattle	7,470	78.5	76.8 - 80.1	5,798	79.6	77.6 - 81.4	1,672	75.0	71.6 - 78.0
West Virginia	3,967	73.4	71.0 - 75.7	3,026	74.9	72.0 - 77.5	941	69.4	64.6 - 73.8
Wisconsin	10,758	79.8	78.4 - 81.1	8,300	80.0	78.4 - 81.5	2,458	78.2	75.8 - 80.4
Wyoming	933	79.7	74.9 - 83.6	733	79.4	73.7 - 84.0	200	75.1	63.5 - 83.4

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	328,712	73.6	73.3 - 73.8	209,002	73.1	72.8 - 73.5	119,710	74.5	74.1 - 74.9
Alabama	5,388	72.7	70.5 - 74.8	3,347	72.0	69.2 - 74.6	2,041	73.7	70.1 - 76.9
Alaska	622	78.2	70.9 - 83.9	418	77.1	68.4 - 83.6	204	78.2	64.0 - 87.3
Arizona	7,743	73.9	72.3 - 75.5	4,970	73.3	71.2 - 75.3	2,773	75.1	72.4 - 77.5
Arkansas	4,123	74.3	72.0 - 76.5	2,654	72.4	69.6 - 74.9	1,469	76.3	72.0 - 80.1
California	33,778	72.4	71.6 - 73.2	21,724	72.2	71.1 - 73.3	12,054	73.1	71.8 - 74.3
CA - Greater California	20,987	71.3	70.3 - 72.4	13,482	71.2	69.8 - 72.5	7,505	71.7	70.1 - 73.3
CA - Greater Bay Area	5,272	73.8	71.8 - 75.7	3,490	73.7	71.1 - 76.1	1,782	74.7	71.5 - 77.6
CA - Los Angeles	7,522	74.3	72.5 - 76.0	4,754	73.7	71.3 - 76.0	2,768	75.5	72.7 - 78.0
Colorado	5,116	71.5	69.3 - 73.6	3,227	70.9	67.9 - 73.6	1,889	72.4	69.1 - 75.4
Connecticut	4,212	75.0	72.7 - 77.1	2,747	75.5	72.5 - 78.2	1,465	73.4	69.7 - 76.8
Delaware	1,075	72.6	67.6 - 76.9	694	74.0	67.8 - 79.3	381	69.1	60.4 - 76.2
District of Columbia	165	77.9	68.0 - 85.1	105	80.5	65.5 - 89.5	60	73.3	57.9 - 83.8†
Florida	23,157	71.8	70.9 - 72.7	14,977	71.0	69.8 - 72.2	8,180	73.3	71.8 - 74.7
Georgia	8,666	72.3	70.6 - 74.0	5,559	70.2	67.9 - 72.4	3,107	75.0	72.7 - 77.1
Hawaii	469	73.2	66.2 - 79.0	347	72.0	63.9 - 78.6	122	72.9	58.1 - 83.2
Idaho	1,995	71.1	67.6 - 74.4	1,285	71.5	67.4 - 75.1	710	68.4	62.4 - 73.6
Illinois	14,768	73.6	72.4 - 74.8	9,292	73.3	71.6 - 74.9	5,476	74.3	72.4 - 76.1
Indiana	8,881	72.2	70.5 - 73.9	5,525	72.5	70.1 - 74.6	3,356	71.9	69.3 - 74.4
Iowa	4,651	70.8	68.6 - 72.9	3,005	69.5	66.5 - 72.3	1,646	73.1	69.7 - 76.1
Kansas	3,912	77.3	74.7 - 79.7	2,465	76.2	72.7 - 79.3	1,447	78.3	74.8 - 81.5
Kentucky	6,778	70.7	68.6 - 72.7	4,212	70.4	67.6 - 73.1	2,566	71.1	67.9 - 74.1
Louisiana	5,709	73.9	71.7 - 75.9	3,585	73.6	70.7 - 76.3	2,124	73.9	70.8 - 76.7
Maine	2,068	73.0	69.8 - 75.9	1,297	71.0	66.7 - 74.8	771	75.1	70.3 - 79.3
Maryland	4,706	73.5	71.2 - 75.7	2,959	72.4	69.4 - 75.2	1,747	75.5	72.0 - 78.6
MI - Detroit	3,996	73.5	71.2 - 75.6	2,556	71.3	68.2 - 74.2	1,440	76.1	72.4 - 79.3
Minnesota	6,758	73.8	71.9 - 75.6	4,458	74.2	71.7 - 76.4	2,300	73.3	70.2 - 76.1
Mississippi	3,377	75.1	72.2 - 77.7	2,128	72.3	68.4 - 75.8	1,249	78.4	74.8 - 81.5
Missouri	8,154	73.0	71.2 - 74.7	5,057	73.1	70.9 - 75.1	3,097	72.8	70.1 - 75.3
Montana	1,348	72.8	68.6 - 76.6	879	70.5	64.9 - 75.3	469	75.8	69.1 - 81.2
Nebraska	2,377	70.3	67.0 - 73.3	1,523	68.3	63.8 - 72.3	854	73.7	69.4 - 77.4
New Hampshire	1,806	77.3	73.7 - 80.6	1,173	78.4	74.1 - 82.0	633	72.9	66.9 - 78.1
New Jersey	9,712	75.1	73.6 - 76.6	6,207	74.9	72.8 - 76.8	3,505	75.7	73.4 - 77.9
New Mexico	2,125	70.8	67.8 - 73.6	1,306	68.6	64.6 - 72.3	819	73.1	68.7 - 77.0
New York	20,964	75.6	74.6 - 76.5	13,506	75.4	74.1 - 76.6	7,458	76.0	74.5 - 77.5
North Carolina	10,517	73.0	71.5 - 74.5	6,732	73.2	71.1 - 75.2	3,785	73.1	70.7 - 75.3
North Dakota	921	73.3	68.8 - 77.2	616	70.6	64.6 - 75.7	305	77.6	71.1 - 82.8
Ohio	14,268	74.2	72.9 - 75.5	8,777	73.0	71.2 - 74.7	5,491	76.0	74.0 - 77.8
Oklahoma	4,612	68.7	66.1 - 71.1	2,795	68.1	64.8 - 71.3	1,817	69.0	65.1 - 72.6
Oregon	4,929	77.6	75.5 - 79.6	3,238	78.6	75.9 - 81.0	1,691	75.6	72.2 - 78.6
Pennsylvania	16,487	75.1	73.9 - 76.2	10,480	75.1	73.6 - 76.6	6,007	75.2	73.5 - 76.9
Rhode Island	1,346	75.0	71.1 - 78.5	838	73.4	68.0 - 78.0	508	76.6	70.4 - 81.6
South Carolina	5,290	74.7	72.5 - 76.8	3,401	73.6	70.8 - 76.2	1,889	76.4	72.7 - 79.6
Tennessee	8,396	74.9	73.0 - 76.6	5,361	75.1	72.7 - 77.3	3,035	74.0	71.2 - 76.6
Texas	30,744	73.2	72.3 - 74.1	19,175	71.8	70.6 - 73.0	11,569	75.4	74.0 - 76.8
Utah	2,371	70.3	67.0 - 73.3	1,522	69.9	65.5 - 73.9	849	71.4	66.4 - 75.8
Vermont	819	72.2	66.3 - 77.3	518	71.0	63.4 - 77.3	301	73.2	64.6 - 80.0
Washington	7,576	74.6	72.9 - 76.2	4,828	74.8	72.6 - 76.9	2,748	74.1	71.4 - 76.6
WA - Seattle	5,176	74.9	72.8 - 76.9	3,332	75.3	72.9 - 77.6	1,844	73.8	70.5 - 76.9
West Virginia	3,233	71.7	68.8 - 74.4	1,929	70.1	66.0 - 73.7	1,304	73.7	69.4 - 77.4
Wisconsin	7,976	75.7	74.0 - 77.3	5,198	76.1	74.2 - 77.9	2,778	74.9	72.2 - 77.3
Wyoming	628	77.3	71.8 - 81.9	407	73.7	66.5 - 79.6	221	80.4	69.8 - 87.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-46 Survival – Kidney & Renal Pelvis

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Brain & Other Nervous System (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	113,796	30.3	30.0 - 30.6	64,245	28.4	27.9 - 28.8	49,551	32.9	32.4 - 33.4
Alabama	1,785	29.2	26.4 - 32.0	976	19.1	16.0 - 22.3 †	809	32.7	28.8 - 36.7
Alaska	248	23.0	16.4 - 30.3 †	147	24.9	16.4 - 34.3 †	101	19.8	10.3 - 31.4 †
Arizona	2,631	30.7	28.4 - 33.1	1,505	29.1	26.1 - 32.2	1,126	32.9	29.4 - 36.5
Arkansas	1,208	30.9	28.0 - 33.9	688	29.9	26.1 - 33.7	520	32.3	27.8 - 36.8
California	12,656	29.6	28.6 - 30.6	7,279	28.5	27.2 - 29.8	5,377	31.3	29.8 - 32.8
CA - Greater California	7,563	28.8	27.5 - 30.0	4,309	27.6	26.0 - 29.3	3,254	30.2	28.3 - 32.2
CA - Greater Bay Area	2,266	33.1	30.8 - 35.3	1,341	32.4	29.5 - 35.3	925	34.2	30.8 - 37.7
CA - Los Angeles	2,828	29.1	27.0 - 31.2	1,629	27.2	24.5 - 29.9	1,199	31.8	28.6 - 35.0
Colorado	2,081	32.1	29.8 - 34.4	1,174	30.0	26.9 - 33.1	907	35.0	31.6 - 38.3
Connecticut	1,658	31.5	28.7 - 34.3	935	28.7	24.9 - 32.7	723	34.6	30.8 - 38.5
Delaware	375	25.9	20.0 - 32.1	203	16.4	9.8 - 24.3 †	172	29.7	21.2 - 38.7
District of Columbia	105	35.6	26.0 - 45.3	63	37.6	22.7 - 52.5 †	42	28.4	13.2 - 45.7 †
Florida	8,693	31.9	30.7 - 33.2	4,902	29.7	28.1 - 31.4	3,791	34.8	32.9 - 36.8
Georgia	3,072	27.1	25.1 - 29.0	1,696	24.7	22.1 - 27.4	1,376	30.1	27.2 - 33.0
Hawaii	194	20.8	13.9 - 28.6 †	121	23.8	15.2 - 33.6 †	73	13.8	4.5 - 28.4 †
Idaho	787	26.8	23.2 - 30.6	484	22.7	18.5 - 27.3	303	32.4	26.5 - 38.4
Illinois	4,773	30.2	28.6 - 31.8	2,661	29.1	27.0 - 31.2	2,112	31.4	28.9 - 33.8
Indiana	2,745	28.8	26.8 - 30.9	1,548	26.7	24.1 - 29.3	1,197	31.8	28.7 - 35.0
Iowa	1,535	27.9	25.2 - 30.7	851	25.6	22.0 - 29.4	684	23.8	19.8 - 27.9 †
Kansas	1,188	31.3	28.2 - 34.5	677	30.8	27.1 - 34.5	511	31.9	26.5 - 37.4
Kentucky	2,146	28.2	25.9 - 30.6	1,198	26.2	23.3 - 29.2	948	30.5	26.7 - 34.3
Louisiana	1,481	28.9	26.3 - 31.5	851	27.4	24.1 - 30.8	630	31.0	27.0 - 35.0
Maine	771	30.9	27.2 - 34.6	432	23.1	18.5 - 28.1 †	339	32.2	26.8 - 37.7
Maryland	1,815	29.7	27.3 - 32.2	1,021	26.4	23.1 - 29.7	794	34.0	30.4 - 37.7
MI - Detroit	1,401	29.5	26.7 - 32.4	811	26.6	23.0 - 30.2	590	33.4	28.8 - 38.0
Minnesota	2,483	30.7	28.7 - 32.8	1,427	27.4	24.6 - 30.2	1,056	34.9	31.8 - 38.1
Mississippi	955	30.1	26.7 - 33.7	531	28.6	24.1 - 33.2	424	31.8	26.5 - 37.3
Missouri	2,571	30.9	28.8 - 33.0	1,409	28.3	25.4 - 31.1	1,162	34.0	30.9 - 37.1
Montana	551	25.5	21.1 - 30.1 †	317	22.0	16.4 - 28.2 †	234	33.2	27.9 - 38.7
Nebraska	822	30.8	27.0 - 34.6	469	30.2	25.6 - 35.0	353	32.8	26.6 - 39.0
New Hampshire	696	33.4	29.0 - 37.8	385	31.3	24.6 - 38.1	311	34.5	28.7 - 40.5
New Jersey	3,616	29.9	28.1 - 31.8	2,005	27.3	24.8 - 29.7	1,611	33.1	30.4 - 35.8
New Mexico	731	33.8	29.4 - 38.2	416	32.1	27.6 - 36.8	315	35.3	28.0 - 42.7
New York	7,473	31.5	30.2 - 32.8	4,204	29.4	27.6 - 31.1	3,269	34.2	32.2 - 36.2
North Carolina	3,679	29.8	27.9 - 31.7	2,020	27.1	24.6 - 29.7	1,659	32.6	29.7 - 35.5
North Dakota	317	22.9	17.0 - 29.2 †	192	22.4	14.7 - 31.1 †	125	23.8	15.6 - 33.0 †
Ohio	4,999	28.9	27.4 - 30.4	2,850	26.4	24.4 - 28.5	2,149	32.1	29.9 - 34.3
Oklahoma	1,443	27.4	24.6 - 30.3	807	24.8	21.3 - 28.5	636	31.1	26.9 - 35.5
Oregon	1,913	31.8	29.4 - 34.1	1,095	24.1	21.0 - 27.3 †	818	33.7	30.2 - 37.2
Pennsylvania	5,795	30.3	28.9 - 31.7	3,269	28.7	26.9 - 30.6	2,526	32.4	30.2 - 34.6
Rhode Island	478	28.9	23.4 - 34.6	241	17.8	11.8 - 24.7 †	237	35.4	28.4 - 42.5
South Carolina	1,871	27.3	24.8 - 29.7	1,075	25.8	22.6 - 29.1	796	29.1	25.4 - 32.8
Tennessee	2,627	26.6	24.4 - 28.8	1,461	24.3	21.4 - 27.2	1,166	29.4	26.2 - 32.7
Texas	8,922	33.4	32.3 - 34.6	4,972	31.7	30.2 - 33.3	3,950	35.6	33.9 - 37.4
Utah	1,112	31.7	28.6 - 34.8	647	28.8	24.8 - 33.0	465	36.9	31.6 - 42.2 †
Vermont	321	28.4	22.7 - 34.4	180	31.4	24.4 - 38.5	141	19.2	11.6 - 28.2 †
Washington	3,183	30.8	29.0 - 32.6	1,866	29.1	26.8 - 31.5	1,317	33.0	30.1 - 35.8
WA - Seattle	2,251	26.7	24.4 - 29.0 †	1,294	25.3	22.4 - 28.4 †	957	33.9	30.8 - 37.0
West Virginia	937	30.9	27.6 - 34.2	517	23.0	18.8 - 27.6 †	420	27.2	22.0 - 32.7 †
Wisconsin	2,696	28.5	26.4 - 30.6	1,535	26.3	23.5 - 29.1	1,161	31.6	28.4 - 34.9
Wyoming	257	28.5	22.9 - 34.3	132	19.5	12.0 - 28.4 †	125	33.8	25.6 - 42.2

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	239,621	92.0	91.8 - 92.2	78,306	90.5	90.2 - 90.9	161,315	92.6	92.4 - 92.9
Alabama	2,495	92.3	90.1 - 94.1	830	87.5	83.5 - 90.6	1,665	94.1	91.6 - 96.0
Alaska	439	88.6	83.3 - 92.3	156	88.0	76.1 - 94.2	283	88.8	82.6 - 92.9
Arizona	5,148	92.3	91.0 - 93.4	1,714	90.5	88.1 - 92.4	3,434	93.0	91.6 - 94.2
Arkansas	2,067	91.7	89.6 - 93.4	701	87.8	82.4 - 91.6	1,366	92.8	90.5 - 94.6
California	25,588	92.0	91.5 - 92.6	8,335	90.5	89.4 - 91.5	17,253	92.7	92.0 - 93.3
CA - Greater California	15,652	90.8	90.1 - 91.5	5,056	89.5	88.0 - 90.8	10,596	91.4	90.5 - 92.2
CA - Greater Bay Area	4,607	93.2	91.9 - 94.4	1,561	91.8	89.2 - 93.8	3,046	93.7	92.1 - 95.0
CA - Los Angeles	5,331	93.7	92.6 - 94.7	1,717	90.6	88.3 - 92.5	3,614	94.8	93.5 - 95.9
Colorado	5,779	92.6	91.5 - 93.5	1,857	89.6	87.4 - 91.4	3,922	93.9	92.6 - 94.9
Connecticut	3,068	92.4	90.7 - 93.8	989	91.7	88.0 - 94.3	2,079	92.3	90.4 - 93.8
Delaware	578	93.3	89.1 - 95.9	196	90.1	82.7 - 94.4	382	93.9	89.9 - 96.4
District of Columbia	188	96.1	91.4 - 98.2	81	92.0	78.9 - 97.1	107	96.3	89.5 - 98.7
Florida	20,114	90.4	89.8 - 91.1	6,517	87.9	86.6 - 89.1	13,597	91.6	90.8 - 92.3
Georgia	6,531	90.2	88.8 - 91.4	2,177	89.2	86.9 - 91.1	4,354	90.5	88.9 - 91.9
Hawaii	319	87.2	80.5 - 91.8	113	78.8	62.8 - 88.5	206	89.8	84.4 - 93.4
Idaho	1,474	88.8	86.1 - 90.9	485	89.0	84.0 - 92.5	989	88.0	84.6 - 90.7
Illinois	10,605	93.3	92.5 - 94.1	3,463	92.6	91.0 - 93.9	7,142	93.5	92.5 - 94.3
Indiana	5,149	90.4	89.0 - 91.6	1,671	87.2	84.5 - 89.4	3,478	91.8	90.2 - 93.1
Iowa	3,319	91.9	90.0 - 93.4	1,100	90.0	87.1 - 92.3	2,219	92.4	90.3 - 94.0
Kansas	2,378	92.2	90.0 - 93.9	762	88.5	84.2 - 91.6	1,616	93.7	91.0 - 95.7
Kentucky	4,894	90.7	89.1 - 92.1	1,539	88.8	85.8 - 91.1	3,355	91.2	89.3 - 92.8
Louisiana	3,279	92.0	90.3 - 93.4	1,138	90.8	88.3 - 92.8	2,141	92.0	89.8 - 93.7
Maine	969	89.3	86.3 - 91.8	337	89.6	84.2 - 93.2	632	88.5	84.7 - 91.5
Maryland	3,470	90.3	88.6 - 91.8	1,144	87.8	84.4 - 90.4	2,326	91.4	89.4 - 93.0
MI - Detroit	3,130	90.1	88.3 - 91.6	960	87.0	83.2 - 90.0	2,170	91.2	89.3 - 92.7
Minnesota	4,050	93.5	92.1 - 94.7	1,468	92.7	90.2 - 94.5	2,582	93.5	91.6 - 95.0
Mississippi	1,665	90.7	88.1 - 92.7	568	86.6	82.0 - 90.1	1,097	91.9	88.8 - 94.3
Missouri	5,282	91.0	89.6 - 92.3	1,677	89.5	86.8 - 91.7	3,605	91.5	89.8 - 93.0
Montana	1,020	91.1	87.9 - 93.4	354	88.8	84.0 - 92.2	666	92.0	87.7 - 94.8
Nebraska	1,351	91.5	88.1 - 94.0	457	87.6	80.2 - 92.4	894	92.0	88.0 - 94.7
New Hampshire	1,260	93.8	90.9 - 95.8	421	89.2	82.5 - 93.4	839	94.4	91.7 - 96.2
New Jersey	7,668	92.8	91.7 - 93.7	2,537	92.5	90.6 - 94.1	5,131	92.4	91.1 - 93.5
New Mexico	1,233	86.3	83.6 - 88.6	386	83.9	78.7 - 87.9	847	87.0	83.7 - 89.6
New York	17,753	90.9	90.2 - 91.6	5,816	89.5	88.1 - 90.7	11,937	91.5	90.6 - 92.3
North Carolina	7,886	92.8	91.7 - 93.7	2,512	90.8	88.8 - 92.5	5,374	93.4	92.2 - 94.5
North Dakota	496	89.1	83.9 - 92.7	168	88.0	75.6 - 94.4	328	89.9	84.8 - 93.3
Ohio	7,891	91.6	90.4 - 92.6	2,636	90.7	88.5 - 92.5	5,255	91.8	90.5 - 93.0
Oklahoma	2,698	91.3	89.3 - 93.0	890	87.4	83.4 - 90.4	1,808	92.9	90.4 - 94.7
Oregon	2,829	92.6	90.7 - 94.2	1,009	90.7	86.9 - 93.4	1,820	93.6	91.2 - 95.3
Pennsylvania	13,600	92.1	91.2 - 92.8	4,411	91.0	89.4 - 92.3	9,189	92.5	91.5 - 93.4
Rhode Island	736	86.9	82.7 - 90.2	258	83.2	75.3 - 88.8	478	88.5	84.0 - 91.8
South Carolina	3,350	91.4	89.8 - 92.8	1,114	89.1	85.9 - 91.7	2,236	92.3	90.4 - 93.9
Tennessee	5,864	92.1	90.8 - 93.2	1,830	90.7	88.4 - 92.5	4,034	92.1	90.6 - 93.4
Texas	20,650	92.3	91.6 - 92.9	6,569	90.0	88.6 - 91.2	14,081	93.2	92.4 - 93.9
Utah	4,068	92.7	91.3 - 93.8	1,301	91.1	88.5 - 93.2	2,767	93.0	91.4 - 94.4
Vermont	669	92.9	88.9 - 95.5	223	91.4	82.5 - 95.9	446	93.1	88.5 - 95.9
Washington	8,017	93.4	92.4 - 94.4	2,695	91.6	89.7 - 93.1	5,322	94.0	92.7 - 95.0
WA - Seattle	6,549	93.4	92.2 - 94.5	2,177	92.0	89.7 - 93.8	4,372	93.9	92.5 - 95.1
West Virginia	1,807	90.3	87.7 - 92.3	593	86.8	82.1 - 90.4	1,214	91.4	88.0 - 93.9
Wisconsin	6,310	93.2	92.1 - 94.2	1,989	92.2	90.0 - 93.9	4,321	93.3	92.0 - 94.3
Wyoming	487	94.7	90.5 - 97.1	159	93.0	83.5 - 97.1	328	95.0	89.7 - 97.6

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

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

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Thyroid**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	254,590	96.4	96.2 - 96.7	67,143	93.8	93.3 - 94.2	187,447	97.5	97.4 - 97.7
Alabama	2,739	96.2	93.8 - 97.6	742	92.7	89.1 - 95.2	1,997	96.5	93.5 - 98.1
Alaska	452	94.5	88.2 - 97.5	131	94.6	87.2 - 97.8	321	92.4	82.1 - 96.9
Arizona	6,054	96.3	94.9 - 97.3	1,526	92.0	89.1 - 94.2	4,528	97.7	96.8 - 98.4
Arkansas	2,216	95.6	93.3 - 97.1	598	90.5	83.4 - 94.7	1,618	96.2	93.3 - 97.9
California	27,648	95.1	94.6 - 95.6	7,007	93.1	91.9 - 94.0	20,641	95.7	94.9 - 96.4
CA - Greater California	16,372	95.3	94.4 - 96.1	4,078	93.1	91.6 - 94.4	12,294	95.8	94.7 - 96.6
CA - Greater Bay Area	4,215	93.8	92.0 - 95.1	1,177	92.7	89.5 - 94.9	3,038	93.7	91.5 - 95.3
CA - Los Angeles	7,061	94.7	93.5 - 95.7	1,752	91.7	88.7 - 93.9	5,309	95.6	94.3 - 96.6
Colorado	5,443	95.2	93.7 - 96.4	1,479	91.5	88.5 - 93.7	3,964	96.7	94.8 - 97.9
Connecticut	4,234	95.3	93.7 - 96.5	1,156	92.7	89.1 - 95.2	3,078	96.2	94.5 - 97.3
Delaware	865	95.6	90.8 - 97.9	202	89.4	77.4 - 95.2	663	95.5	89.9 - 98.1
District of Columbia	355	90.1	78.3 - 95.7	97	97.1	80.9 - 99.6†	258	92.6	74.3 - 98.0
Florida	16,494	95.4	94.6 - 96.0	4,321	92.3	90.7 - 93.7	12,173	96.5	95.6 - 97.2
Georgia	6,524	97.0	96.1 - 97.7	1,709	94.1	90.4 - 96.4	4,815	97.9	96.8 - 98.6
Hawaii	350	91.4	83.8 - 95.5	119	86.3	74.4 - 93.0	231	94.7	83.6 - 98.4
Idaho	1,664	96.1	93.7 - 97.6	432	93.7	87.5 - 96.9	1,232	96.5	93.6 - 98.2
Illinois	11,653	97.1	96.3 - 97.7	3,137	94.7	93.1 - 95.9	8,516	98.0	96.9 - 98.6
Indiana	5,392	94.7	93.0 - 96.0	1,397	91.8	88.3 - 94.3	3,995	95.7	94.2 - 96.8
Iowa	3,003	93.6	91.2 - 95.4	819	89.7	84.3 - 93.2	2,184	95.0	92.4 - 96.7
Kansas	2,866	96.2	94.4 - 97.4	740	92.3	88.4 - 94.9	2,126	97.6	95.4 - 98.7
Kentucky	4,614	96.0	94.8 - 97.0	1,223	92.2	88.1 - 94.9	3,391	96.5	95.2 - 97.5
Louisiana	3,717	95.4	92.8 - 97.1	982	92.5	88.9 - 95.0	2,735	95.9	92.6 - 97.7
Maine	1,536	96.9	95.0 - 98.1	451	93.4	88.2 - 96.3	1,085	97.7	95.4 - 98.9
Maryland	4,394	96.7	95.4 - 97.7	1,102	94.2	91.0 - 96.2	3,292	97.1	94.7 - 98.4
MI - Detroit	3,584	95.6	93.9 - 96.8	928	89.8	85.7 - 92.8	2,656	97.3	95.4 - 98.4
Minnesota	4,623	94.4	92.9 - 95.6	1,309	91.6	88.5 - 94.0	3,314	95.4	93.6 - 96.7
Mississippi	1,632	95.9	93.5 - 97.4	436	91.6	86.5 - 94.8	1,196	95.9	92.1 - 97.9
Missouri	4,796	95.2	93.9 - 96.2	1,308	90.6	87.0 - 93.2	3,488	96.5	95.0 - 97.6
Montana	997	94.5	91.5 - 96.5	307	90.7	84.5 - 94.5	690	94.9	90.4 - 97.4
Nebraska	1,847	92.0	88.7 - 94.3	472	85.6	79.7 - 89.9	1,375	94.6	90.0 - 97.2
New Hampshire	1,527	97.2	94.6 - 98.6	398	95.5	91.8 - 97.5	1,129	96.6	93.4 - 98.3
New Jersey	10,283	97.9	96.7 - 98.6	2,716	96.4	94.8 - 97.5	7,567	98.1	96.7 - 98.9
New Mexico	2,062	95.1	93.0 - 96.6	534	87.7	82.1 - 91.6	1,528	97.7	94.7 - 99.0
New York	21,560	96.3	95.6 - 96.9	5,836	94.1	92.6 - 95.3	15,724	97.2	96.6 - 97.7
North Carolina	7,184	95.6	94.4 - 96.5	1,940	92.1	89.5 - 94.1	5,244	96.8	95.9 - 97.5
North Dakota	827	94.8	91.1 - 97.0	229	89.6	80.7 - 94.5	598	95.4	91.1 - 97.6
Ohio	11,261	96.2	95.1 - 97.1	2,799	93.1	90.5 - 94.9	8,462	97.4	96.1 - 98.3
Oklahoma	2,819	96.3	94.5 - 97.4	709	94.1	90.1 - 96.5	2,110	96.6	94.6 - 97.9
Oregon	3,657	95.4	93.2 - 96.9	984	91.0	87.7 - 93.4	2,673	96.5	93.7 - 98.0
Pennsylvania	16,231	97.3	96.5 - 97.9	4,306	95.3	93.8 - 96.5	11,925	97.8	97.1 - 98.3
Rhode Island	1,299	95.6	93.1 - 97.2	357	93.8	89.2 - 96.5	942	96.0	93.1 - 97.7
South Carolina	3,202	95.5	93.3 - 97.0	897	90.5	86.2 - 93.5	2,305	97.0	94.4 - 98.4
Tennessee	5,316	96.7	95.5 - 97.6	1,479	93.0	88.9 - 95.6	3,837	97.6	96.4 - 98.4
Texas	19,651	96.0	95.1 - 96.7	5,037	92.8	91.1 - 94.2	14,614	97.2	96.5 - 97.8
Utah	3,266	94.2	91.8 - 96.0	815	88.4	83.6 - 91.9	2,451	96.4	93.6 - 98.0
Vermont	655	92.5	88.5 - 95.1	190	90.1	83.2 - 94.3	465	93.1	87.6 - 96.2
Washington	5,869	95.2	94.0 - 96.1	1,620	92.1	89.7 - 93.9	4,249	96.0	94.1 - 97.4
WA - Seattle	4,059	94.8	92.6 - 96.4	1,150	93.0	88.1 - 95.9	2,909	95.2	92.8 - 96.9
West Virginia	2,267	96.5	93.8 - 98.1	556	94.6	88.2 - 97.6	1,711	96.4	93.2 - 98.1
Wisconsin	5,372	94.6	93.3 - 95.7	1,452	90.9	88.0 - 93.2	3,920	96.0	94.6 - 97.1
Wyoming	590	94.9	89.1 - 97.6	159	89.0	78.9 - 94.4	431	96.9	92.5 - 98.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	43,653	86.5	86.0 - 86.9	24,193	85.4	84.8 - 86.0	19,460	87.8	87.2 - 88.4
Alabama	510	81.6	76.4 - 85.7	284	79.2	72.6 - 84.4	226	83.9	76.9 - 88.9
Alaska	78	82.3	67.2 - 90.8†	46	74.2	50.4 - 87.8†	32	90.2	71.1 - 96.9†
Arizona	895	81.6	78.4 - 84.4	494	79.3	74.4 - 83.5	401	82.7	78.6 - 86.1
Arkansas	434	85.6	81.3 - 89.0	233	87.2	80.6 - 91.6	201	83.5	77.2 - 88.2
California	4,740	86.0	84.7 - 87.1	2,619	85.0	83.1 - 86.7	2,121	86.6	84.8 - 88.1
CA - Greater California	2,763	85.4	83.7 - 87.0	1,506	83.3	80.7 - 85.6	1,257	86.8	84.4 - 88.8
CA - Greater Bay Area	861	87.9	85.2 - 90.1	484	88.9	85.3 - 91.7	377	86.3	82.1 - 89.6
CA - Los Angeles	1,114	84.4	81.9 - 86.5	629	83.4	80.0 - 86.3	485	85.4	81.9 - 88.3
Colorado	803	89.5	86.7 - 91.8	465	84.3	77.8 - 89.1	338	91.9	88.0 - 94.6
Connecticut	662	90.4	87.3 - 92.8	373	88.4	83.7 - 91.7	289	92.9	88.7 - 95.6
Delaware	122	89.9	82.2 - 94.4	67	88.5	76.4 - 94.6	55	93.4	80.3 - 97.9†
District of Columbia	66	96.9	87.4 - 99.3†	32	100.0		34	93.6	76.3 - 98.4†
Florida	3,733	85.0	83.5 - 86.3	2,042	83.4	81.3 - 85.2	1,691	86.8	84.7 - 88.6
Georgia	1,070	83.6	80.5 - 86.2	564	80.2	75.1 - 84.4	506	86.6	83.0 - 89.5
Hawaii	65	87.4	74.9 - 93.9†	45	83.8	67.0 - 92.5†	20	94.7	65.3 - 99.3†
Idaho	253	86.9	81.0 - 91.0	145	88.8	80.1 - 93.8	108	84.1	75.3 - 89.9
Illinois	1,963	83.5	81.3 - 85.4	1,092	81.6	78.5 - 84.3	871	85.3	82.2 - 88.0
Indiana	1,105	82.8	79.8 - 85.4	632	81.3	77.0 - 84.8	473	84.8	80.8 - 88.0
Iowa	584	88.2	84.7 - 91.0	346	86.9	81.8 - 90.6	238	89.2	84.6 - 92.4
Kansas	422	88.2	84.0 - 91.3	251	88.7	83.4 - 92.4	171	84.7	76.6 - 90.1
Kentucky	702	83.3	79.2 - 86.6	401	84.2	78.9 - 88.3	301	80.6	74.0 - 85.6
Louisiana	589	84.2	79.8 - 87.8	311	82.2	77.0 - 86.3	278	84.6	78.8 - 88.9
Maine	286	87.6	82.9 - 91.0	150	83.7	74.6 - 89.8†	136	90.9	85.7 - 94.3
Maryland	650	88.0	84.6 - 90.8	347	88.2	83.9 - 91.4	303	86.6	81.6 - 90.3
MI - Detroit	583	86.0	81.7 - 89.4	324	86.9	80.4 - 91.3	259	84.6	78.9 - 88.9
Minnesota	1,013	87.9	85.1 - 90.3	571	86.2	82.3 - 89.2	442	89.0	85.3 - 91.9
Mississippi	313	81.3	75.7 - 85.8	173	82.1	74.2 - 87.8	140	80.2	71.9 - 86.2
Missouri	991	84.4	81.5 - 86.9	545	84.2	80.1 - 87.4	446	83.8	79.7 - 87.2
Montana	163	90.7	84.7 - 94.4	89	95.4	84.6 - 98.7†	74	84.3	70.7 - 91.9†
Nebraska	325	84.2	79.1 - 88.2	194	82.1	74.4 - 87.7	131	87.1	80.1 - 91.8
New Hampshire	265	88.4	82.2 - 92.5	149	85.2	76.1 - 91.0	116	90.9	84.2 - 94.8
New Jersey	1,555	87.9	85.7 - 89.9	864	87.1	83.8 - 89.8	691	88.4	85.3 - 91.0
New Mexico	307	82.6	77.8 - 86.4	184	80.4	73.4 - 85.7	123	85.0	78.2 - 89.8
New York	3,348	86.8	85.4 - 88.2	1,812	87.0	85.0 - 88.8	1,536	86.3	84.1 - 88.2
North Carolina	1,264	85.7	83.1 - 87.9	708	83.8	80.4 - 86.6	556	87.2	83.4 - 90.2
North Dakota	135	87.8	80.8 - 92.4	83	86.2	75.8 - 92.4	52	89.8	74.4 - 96.2†
Ohio	1,817	86.4	84.4 - 88.1	1,015	84.0	80.1 - 87.2	802	88.3	85.3 - 90.8
Oklahoma	482	86.4	82.7 - 89.3	262	86.0	80.6 - 90.0	220	85.9	80.8 - 89.7
Oregon	607	84.6	80.9 - 87.7	325	81.4	76.3 - 85.5	282	88.3	82.1 - 92.4
Pennsylvania	2,456	88.5	86.6 - 90.1	1,390	87.3	84.9 - 89.4	1,066	89.3	86.7 - 91.5
Rhode Island	213	88.6	81.8 - 93.0	104	84.5	74.8 - 90.7	109	91.7	82.5 - 96.2
South Carolina	602	89.1	86.2 - 91.5	327	87.2	82.8 - 90.5	275	90.1	85.8 - 93.2
Tennessee	933	85.2	81.5 - 88.2	503	82.3	76.8 - 86.7	430	88.1	83.3 - 91.5
Texas	3,454	84.4	82.9 - 85.8	1,886	82.2	80.0 - 84.2	1,568	86.7	84.6 - 88.4
Utah	445	88.3	82.9 - 92.0	229	86.5	80.4 - 90.8	216	94.7	88.5 - 97.6†
Vermont	121	89.9	81.2 - 94.7	63	91.3	83.7 - 95.4	58	85.0	77.3 - 90.2
Washington	1,034	90.1	87.6 - 92.2	596	88.9	85.5 - 91.6	438	91.5	87.6 - 94.2
WA - Seattle	703	91.9	89.1 - 94.1	406	90.6	86.7 - 93.4	297	93.7	89.4 - 96.3
West Virginia	300	77.7	72.7 - 81.9	171	75.5	69.4 - 80.7	129	79.7	69.2 - 87.0†
Wisconsin	1,110	88.2	85.8 - 90.1	637	86.0	82.5 - 88.8	473	90.9	87.0 - 93.7
Wyoming	85	88.0	74.6 - 94.6	50	82.6	61.0 - 92.8	35	91.8	74.6 - 97.5†

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-50 Survival – Hodgkin Lymphoma

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Non-Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	380,928	71.7	71.5 - 71.9	210,113	69.5	69.2 - 69.8	170,815	74.4	74.1 - 74.7
Alabama	5,090	69.1	67.1 - 71.0	2,793	68.2	65.4 - 70.8	2,297	69.4	66.5 - 72.1
Alaska	655	68.4	62.0 - 74.0	401	63.7	55.7 - 70.7	254	74.7	66.2 - 81.4
Arizona	7,828	67.1	65.6 - 68.6	4,411	64.1	61.9 - 66.2	3,417	70.7	68.4 - 72.8
Arkansas	3,821	70.3	67.9 - 72.5	2,117	66.4	62.9 - 69.6	1,704	74.2	71.0 - 77.1
California	41,131	70.2	69.5 - 70.9	23,058	68.8	67.8 - 69.7	18,073	72.2	71.2 - 73.1
CA - Greater California	23,883	69.7	68.7 - 70.5	13,479	67.9	66.7 - 69.1	10,404	71.9	70.6 - 73.2
CA - Greater Bay Area	7,773	75.0	73.5 - 76.5	4,410	73.9	71.9 - 75.8	3,363	76.6	74.4 - 78.8
CA - Los Angeles	9,481	67.5	66.0 - 68.9	5,176	66.4	64.2 - 68.4	4,305	68.9	66.9 - 70.9
Colorado	6,178	72.4	70.6 - 74.1	3,473	70.9	68.5 - 73.2	2,705	74.1	71.5 - 76.5
Connecticut	5,833	75.5	73.8 - 77.1	3,177	73.4	70.8 - 75.8	2,656	77.9	75.4 - 80.2
Delaware	1,378	70.5	67.2 - 73.6	760	67.7	62.8 - 72.1	618	73.2	68.0 - 77.7
District of Columbia	289	66.9	58.9 - 73.7	180	57.7	46.6 - 67.3	109	73.8	60.0 - 83.4†
Florida	35,626	72.7	72.0 - 73.4	19,562	69.4	68.4 - 70.4	16,064	76.6	75.6 - 77.6
Georgia	9,601	68.9	67.4 - 70.4	5,317	66.3	64.1 - 68.5	4,284	72.1	70.0 - 74.2
Hawaii	648	72.2	67.0 - 76.8	405	70.7	63.6 - 76.6	243	74.7	66.6 - 81.2
Idaho	2,301	70.3	67.2 - 73.2	1,306	67.4	63.0 - 71.4	995	73.1	68.7 - 77.0
Illinois	16,436	72.5	71.5 - 73.6	8,940	71.1	69.6 - 72.5	7,496	74.3	72.8 - 75.8
Indiana	8,997	68.7	67.1 - 70.2	4,907	66.3	64.0 - 68.4	4,090	71.5	69.3 - 73.6
Iowa	5,278	72.4	70.5 - 74.1	2,939	70.2	67.6 - 72.7	2,339	74.8	72.1 - 77.2
Kansas	4,058	74.1	72.0 - 76.2	2,238	72.3	69.1 - 75.1	1,820	76.1	72.9 - 79.0
Kentucky	6,751	69.2	67.4 - 70.9	3,679	66.1	63.7 - 68.3	3,072	72.4	69.8 - 74.8
Louisiana	5,213	71.1	69.2 - 73.0	2,897	68.9	66.1 - 71.5	2,316	73.5	70.7 - 76.0
Maine	2,522	74.3	71.6 - 76.9	1,401	73.5	69.4 - 77.1	1,121	74.6	70.6 - 78.2
Maryland	5,936	74.6	72.8 - 76.3	3,262	71.0	68.4 - 73.5	2,674	78.4	75.9 - 80.7
MI - Detroit	5,196	70.0	68.1 - 71.9	2,831	66.8	64.1 - 69.4	2,365	73.6	70.8 - 76.1
Minnesota	8,657	73.7	72.3 - 75.1	4,881	70.8	68.7 - 72.7	3,776	77.4	75.4 - 79.3
Mississippi	2,930	67.7	64.9 - 70.3	1,618	64.4	60.4 - 68.1	1,312	71.0	67.3 - 74.5
Missouri	8,341	71.3	69.8 - 72.8	4,586	68.3	66.1 - 70.4	3,755	74.8	72.6 - 76.8
Montana	1,606	74.2	70.9 - 77.2	913	74.1	69.6 - 78.1	693	73.8	68.7 - 78.1
Nebraska	2,813	72.7	69.9 - 75.2	1,533	71.3	67.2 - 74.9	1,280	74.1	70.3 - 77.5
New Hampshire	2,343	75.5	72.5 - 78.3	1,310	73.7	69.3 - 77.5	1,033	77.6	73.1 - 81.3
New Jersey	13,320	74.3	73.1 - 75.4	7,195	71.5	69.7 - 73.1	6,125	77.6	76.0 - 79.1
New Mexico	2,290	69.2	66.3 - 71.9	1,211	64.7	60.6 - 68.4	1,079	73.5	69.6 - 76.9
New York	27,854	73.6	72.8 - 74.4	15,009	71.2	70.0 - 72.3	12,845	76.4	75.3 - 77.5
North Carolina	11,342	70.8	69.4 - 72.1	6,255	69.1	67.1 - 71.0	5,087	72.9	71.0 - 74.7
North Dakota	1,012	71.1	67.1 - 74.7	554	69.0	63.2 - 74.1	458	73.3	67.4 - 78.3
Ohio	16,263	71.9	70.8 - 73.0	8,929	69.7	68.1 - 71.1	7,334	74.6	73.1 - 76.1
Oklahoma	4,459	67.7	65.6 - 69.8	2,406	66.9	63.9 - 69.7	2,053	68.3	65.2 - 71.1
Oregon	5,884	73.3	71.5 - 75.1	3,257	72.3	69.7 - 74.7	2,627	74.5	71.9 - 76.9
Pennsylvania	20,993	71.6	70.7 - 72.5	11,259	69.5	68.1 - 70.8	9,734	74.1	72.8 - 75.4
Rhode Island	1,663	73.8	70.6 - 76.7	907	72.5	67.9 - 76.5	756	74.5	69.9 - 78.6
South Carolina	5,388	70.3	68.3 - 72.1	2,992	68.3	65.4 - 70.9	2,396	72.6	69.9 - 75.2
Tennessee	8,334	69.4	67.8 - 71.0	4,642	67.4	65.2 - 69.5	3,692	71.8	69.5 - 74.0
Texas	27,681	70.1	69.3 - 71.0	15,450	67.5	66.2 - 68.7	12,231	73.3	72.1 - 74.4
Utah	3,053	73.3	70.7 - 75.6	1,775	72.3	68.9 - 75.3	1,278	74.4	70.6 - 77.8
Vermont	1,099	75.4	70.9 - 79.3	605	70.8	64.5 - 76.3	494	77.6	72.3 - 81.9
Washington	9,605	72.6	71.2 - 74.0	5,440	70.3	68.3 - 72.2	4,165	75.5	73.5 - 77.4
WA - Seattle	6,867	72.4	70.7 - 74.0	3,913	70.3	68.0 - 72.5	2,954	75.0	72.6 - 77.3
West Virginia	3,172	68.5	65.8 - 71.0	1,713	67.0	63.6 - 70.2	1,459	70.2	66.4 - 73.7
Wisconsin	9,327	74.9	73.5 - 76.3	5,203	73.5	71.4 - 75.4	4,124	76.7	74.6 - 78.6
Wyoming	733	69.8	64.2 - 74.7	416	67.7	60.0 - 74.2	317	73.1	64.9 - 79.7

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Myeloma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	123,275	56.9	56.5 - 57.4	71,081	56.7	56.1 - 57.3	52,194	57.3	56.7 - 58.0
Alabama	1,688	51.1	47.4 - 54.7	992	49.8	45.0 - 54.5	696	53.0	47.3 - 58.4
Alaska	176	47.7	35.1 - 59.3 †	107	46.4	30.8 - 60.6 †	69	46.6	28.2 - 63.1
Arizona	2,530	52.9	49.9 - 55.8	1,510	51.6	47.6 - 55.5	1,020	54.3	49.8 - 58.5
Arkansas	1,271	60.5	56.3 - 64.4	701	59.9	54.0 - 65.3	570	60.1	54.3 - 65.4
California	13,060	54.5	53.1 - 55.8	7,631	54.9	53.2 - 56.6	5,429	53.7	51.6 - 55.8
CA - Greater California	7,887	53.7	51.9 - 55.4	4,594	54.6	52.4 - 56.8	3,293	52.1	49.4 - 54.8
CA - Greater Bay Area	2,282	57.5	54.2 - 60.7	1,361	58.7	54.4 - 62.7	921	54.6	48.6 - 60.3
CA - Los Angeles	2,892	54.2	51.3 - 56.9	1,677	52.7	49.0 - 56.3	1,215	56.4	51.9 - 60.6
Colorado	2,200	57.2	53.9 - 60.3	1,339	55.6	51.5 - 59.4	861	59.2	53.9 - 64.1
Connecticut	1,834	63.8	60.3 - 67.0	1,071	62.8	58.1 - 67.2	763	64.9	59.8 - 69.5
Delaware	396	54.5	46.6 - 61.8	218	57.9	47.2 - 67.2	178	47.8	35.3 - 59.3
District of Columbia	96	*		54	*		42	*	
Florida	11,905	60.3	58.9 - 61.7	6,836	59.5	57.6 - 61.3	5,069	61.5	59.4 - 63.5
Georgia	3,255	57.2	54.4 - 59.8	1,859	55.3	51.6 - 58.9	1,396	59.7	55.6 - 63.6
Hawaii	213	50.7	40.2 - 60.3	137	42.9	29.1 - 56.0 †	76	61.4	47.3 - 72.7
Idaho	814	52.3	46.6 - 57.6	497	54.4	46.7 - 61.5	317	47.5	39.0 - 55.6
Illinois	4,831	57.6	55.4 - 59.7	2,721	56.8	53.8 - 59.7	2,110	58.8	55.5 - 61.9
Indiana	3,027	55.6	52.9 - 58.2	1,706	53.7	50.2 - 57.1	1,321	57.5	53.4 - 61.4
Iowa	1,782	54.2	50.6 - 57.7	1,032	54.5	49.7 - 59.1	750	53.4	47.8 - 58.7
Kansas	1,323	58.9	54.8 - 62.8	774	55.8	50.0 - 61.2	549	63.4	57.6 - 68.6
Kentucky	2,225	49.9	46.4 - 53.2	1,314	48.2	43.7 - 52.5	911	51.7	46.5 - 56.8
Louisiana	1,605	52.4	48.3 - 56.4	928	54.3	48.9 - 59.3	677	50.5	44.4 - 56.2
Maine	779	55.3	49.8 - 60.4	433	55.2	47.5 - 62.2	346	56.0	48.3 - 62.9
Maryland	1,781	57.4	53.7 - 61.0	993	58.2	53.2 - 62.9	788	56.5	50.8 - 61.8
MI - Detroit	1,591	56.4	52.6 - 60.1	901	55.9	50.7 - 60.8	690	57.3	51.8 - 62.4
Minnesota	2,726	58.4	55.4 - 61.2	1,594	59.4	55.4 - 63.1	1,132	57.2	52.6 - 61.5
Mississippi	943	48.1	42.7 - 53.3	557	49.2	42.2 - 55.8	386	45.9	37.7 - 53.7
Missouri	2,699	55.3	52.3 - 58.2	1,577	54.0	50.0 - 57.8	1,122	57.1	52.3 - 61.6
Montana	608	59.1	53.0 - 64.6	364	58.5	50.3 - 65.9	244	56.0	46.0 - 64.9 †
Nebraska	857	55.2	49.9 - 60.1	531	50.8	44.2 - 57.1	326	61.4	53.1 - 68.7
New Hampshire	707	64.1	58.6 - 69.1	399	65.9	58.2 - 72.6	308	61.5	53.6 - 68.4
New Jersey	4,027	61.9	59.4 - 64.2	2,297	61.7	58.3 - 64.9	1,730	62.0	58.6 - 65.2
New Mexico	824	52.5	47.0 - 57.6	501	52.8	45.6 - 59.4	323	51.7	43.8 - 59.0
New York	9,264	60.6	59.1 - 62.1	5,230	61.6	59.4 - 63.7	4,034	59.5	57.4 - 61.6
North Carolina	4,009	57.6	55.2 - 60.0	2,243	59.8	56.5 - 62.9	1,766	55.5	51.9 - 59.0
North Dakota	350	52.8	45.9 - 59.3	201	54.2	45.1 - 62.4	149	49.7	38.1 - 60.2 †
Ohio	4,490	51.5	49.1 - 53.8	2,576	49.9	46.7 - 53.0	1,914	53.3	49.6 - 56.8
Oklahoma	1,461	53.3	49.1 - 57.4	845	51.7	46.1 - 57.0	616	53.9	47.5 - 59.9
Oregon	1,719	58.3	54.4 - 62.1	1,018	55.6	50.5 - 60.5 †	701	59.7	54.1 - 64.8
Pennsylvania	6,308	56.0	54.1 - 57.9	3,632	56.0	53.5 - 58.5	2,676	56.0	52.9 - 58.9
Rhode Island	445	61.1	54.6 - 67.0	260	64.6	55.2 - 72.6	185	57.3	48.3 - 65.3
South Carolina	1,885	52.6	49.1 - 56.0	1,079	55.0	50.5 - 59.2	806	49.8	44.3 - 55.0
Tennessee	2,627	55.2	52.1 - 58.1	1,540	54.1	50.0 - 58.1	1,087	56.4	51.7 - 60.7
Texas	10,266	56.4	54.9 - 57.9	5,823	55.8	53.8 - 57.8	4,443	57.0	54.7 - 59.2
Utah	1,032	61.2	56.7 - 65.4	615	62.5	56.5 - 67.8	417	59.5	52.8 - 65.6
Vermont	319	56.8	48.2 - 64.5	194	54.8	44.2 - 64.3	125	55.7	42.7 - 66.8
Washington	3,049	59.4	56.6 - 62.1	1,819	59.1	55.3 - 62.7	1,230	59.4	55.2 - 63.4
WA - Seattle	2,176	57.4	54.0 - 60.6	1,299	56.8	52.4 - 61.1	877	58.0	53.0 - 62.6
West Virginia	1,002	48.4	43.3 - 53.3	574	47.7	40.7 - 54.3	428	51.1	44.5 - 57.3
Wisconsin	3,035	60.1	57.4 - 62.6	1,721	60.9	57.2 - 64.4	1,314	59.5	55.7 - 63.1
Wyoming	241	58.2	47.9 - 67.1 †	137	53.0	44.3 - 60.9	104	54.0	38.7 - 67.1 †

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	267,116	58.8	58.5 - 59.1	158,182	58.5	58.1 - 58.9	108,934	59.2	58.8 - 59.6
Alabama	3,417	51.6	49.2 - 54.0	1,987	51.7	48.5 - 54.9	1,430	50.3	46.6 - 53.9
Alaska	368	57.6	49.8 - 64.7	226	58.2	46.9 - 68.0	142	55.1	45.2 - 63.9
Arizona	5,022	45.9	44.0 - 47.8	3,008	45.0	42.6 - 47.4	2,014	46.8	43.9 - 49.7
Arkansas	2,732	57.5	54.6 - 60.3	1,622	57.1	53.3 - 60.7	1,110	58.0	53.5 - 62.2
California	26,234	55.3	54.4 - 56.1	15,624	55.7	54.6 - 56.9	10,610	54.5	53.1 - 55.8
CA - Greater California	15,858	53.7	52.6 - 54.8	9,396	54.1	52.6 - 55.6	6,462	53.1	51.4 - 54.8
CA - Greater Bay Area	4,561	60.9	58.9 - 62.9	2,796	60.7	58.0 - 63.2	1,765	61.1	58.0 - 64.1
CA - Los Angeles	5,814	54.5	52.6 - 56.4	3,430	55.6	53.1 - 58.0	2,384	52.6	49.7 - 55.4
Colorado	4,421	60.4	58.2 - 62.4	2,658	59.8	57.0 - 62.4	1,763	61.0	57.8 - 64.1
Connecticut	3,918	60.1	57.8 - 62.3	2,189	60.1	56.9 - 63.1	1,729	59.9	56.5 - 63.1
Delaware	846	59.0	54.5 - 63.2	542	57.3	51.7 - 62.6	304	61.3	54.0 - 67.8
District of Columbia	160	65.4	55.2 - 73.8†	102	65.1	51.6 - 75.7†	58	64.8	48.4 - 77.1†
Florida	27,486	63.3	62.5 - 64.1	16,017	61.4	60.3 - 62.4	11,469	65.9	64.6 - 67.1
Georgia	7,287	59.0	57.4 - 60.7	4,293	58.2	55.9 - 60.4	2,994	60.1	57.6 - 62.5
Hawaii	419	56.6	49.8 - 62.8	272	56.9	48.7 - 64.3	147	54.7	44.1 - 64.1
Idaho	1,856	60.9	57.6 - 63.9	1,096	61.2	56.9 - 65.2	760	60.6	55.6 - 65.3
Illinois	10,405	54.3	52.9 - 55.6	6,082	55.1	53.3 - 56.8	4,323	53.2	51.1 - 55.2
Indiana	6,220	52.7	50.9 - 54.5	3,660	52.5	50.0 - 54.8	2,560	53.1	50.3 - 55.8
Iowa	3,964	58.4	56.2 - 60.6	2,382	59.4	56.4 - 62.2	1,582	56.8	53.3 - 60.1
Kansas	2,996	63.5	61.0 - 65.9	1,842	63.1	59.8 - 66.2	1,154	63.5	59.6 - 67.2
Kentucky	4,985	54.9	52.8 - 57.0	2,861	54.3	51.4 - 57.1	2,124	55.4	52.4 - 58.4
Louisiana	3,525	60.4	58.0 - 62.8	2,055	59.5	56.3 - 62.6	1,470	61.2	57.6 - 64.6
Maine	1,710	62.2	58.8 - 65.3	1,015	58.7	54.1 - 63.0	695	65.3	60.6 - 69.7
Maryland	3,793	56.4	54.1 - 58.6	2,214	54.8	51.7 - 57.8	1,579	58.2	54.6 - 61.5
MI - Detroit	3,825	60.4	58.2 - 62.6	2,240	59.6	56.5 - 62.6	1,585	60.4	57.0 - 63.7
Minnesota	6,375	61.2	59.5 - 62.9	3,987	61.1	58.8 - 63.2	2,388	61.3	58.5 - 63.9
Mississippi	1,974	54.3	51.1 - 57.4	1,184	51.2	47.0 - 55.2	790	58.0	53.2 - 62.5
Missouri	5,868	56.4	54.5 - 58.2	3,490	55.7	53.2 - 58.1	2,378	57.1	54.3 - 59.8
Montana	1,256	64.5	60.5 - 68.3	820	64.2	59.0 - 68.8	436	64.5	58.4 - 69.9
Nebraska	1,837	54.4	51.0 - 57.5	1,118	54.9	50.6 - 59.0	719	52.8	47.8 - 57.6
New Hampshire	1,493	60.7	57.1 - 64.0	942	60.5	55.9 - 64.8	551	60.3	54.7 - 65.4
New Jersey	8,915	60.6	59.1 - 62.0	5,153	60.6	58.6 - 62.6	3,762	60.1	57.8 - 62.2
New Mexico	1,793	55.5	52.1 - 58.8	1,031	54.1	49.5 - 58.5	762	56.6	51.5 - 61.4
New York	20,740	62.6	61.6 - 63.5	12,175	63.0	61.7 - 64.2	8,565	62.0	60.5 - 63.4
North Carolina	8,862	61.2	59.7 - 62.7	5,265	61.3	59.3 - 63.2	3,597	61.0	58.7 - 63.2
North Dakota	819	63.2	58.7 - 67.3	492	61.1	55.4 - 66.4	327	64.2	57.3 - 70.3
Ohio	9,278	52.9	51.4 - 54.4	5,480	53.3	51.4 - 55.2	3,798	52.2	49.9 - 54.4
Oklahoma	3,280	56.9	54.4 - 59.3	1,921	55.9	52.6 - 59.1	1,359	57.9	54.1 - 61.6
Oregon	3,751	59.8	57.5 - 62.1	2,225	58.3	55.1 - 61.3	1,526	61.5	57.9 - 64.9
Pennsylvania	14,161	58.4	57.2 - 59.5	8,397	58.4	56.8 - 60.0	5,764	58.2	56.4 - 60.0
Rhode Island	1,140	60.9	56.7 - 64.8	692	59.7	53.8 - 65.2	448	61.0	55.1 - 66.3
South Carolina	3,877	54.0	51.9 - 56.1	2,318	52.4	49.5 - 55.2	1,559	55.7	52.4 - 58.9
Tennessee	5,773	58.3	56.4 - 60.2	3,416	56.7	54.1 - 59.3	2,357	60.4	57.5 - 63.1
Texas	20,645	59.0	58.0 - 60.0	12,199	58.5	57.1 - 59.8	8,446	59.6	58.0 - 61.1
Utah	2,299	58.7	55.7 - 61.5	1,397	60.1	56.2 - 63.7	902	55.9	51.2 - 60.3
Vermont	649	59.0	53.2 - 64.3	386	57.6	50.5 - 64.0	263	58.0	48.8 - 66.0
Washington	6,764	63.7	62.0 - 65.4	4,069	64.0	61.7 - 66.2	2,695	62.7	60.2 - 65.1
WA - Seattle	4,975	66.2	64.2 - 68.1	2,983	66.3	63.7 - 68.8	1,992	65.6	62.7 - 68.3
West Virginia	2,320	57.5	54.5 - 60.4	1,363	58.1	54.1 - 61.9	957	56.1	51.4 - 60.5
Wisconsin	7,137	64.1	62.4 - 65.7	4,361	64.4	62.3 - 66.5	2,776	63.1	60.5 - 65.6
Wyoming	521	59.7	53.5 - 65.3	314	58.1	50.4 - 65.1	207	61.3	51.2 - 70.0

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, White, Mesothelioma

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	18,357	16.0	15.1 - 16.9	13,743	13.7	12.6 - 14.8	4,614	21.3	19.6 - 23.1
Alabama	238	12.8	7.2 - 19.9 †	191	8.5	3.2 - 17.1 †	47	27.3	12.6 - 44.4 †
Alaska	44	15.2	4.4 - 32.2 †	32	16.9	4.2 - 36.9 †	12	*	
Arizona	442	16.9	11.5 - 23.2	341	18.3	12.3 - 25.2	101	16.4	8.0 - 27.4 †
Arkansas	159	8.7	3.5 - 16.7 †	121	9.0	3.1 - 18.6 †	38	9.7	1.8 - 25.9 †
California	2,017	15.7	13.1 - 18.4	1,463	9.2	7.1 - 11.7 †	554	16.8	12.7 - 21.5
CA - Greater California	1,242	11.4	8.7 - 14.5 †	913	8.7	6.1 - 11.9 †	329	18.4	10.8 - 27.5 †
CA - Greater Bay Area	365	11.9	7.4 - 17.5 †	253	11.5	6.8 - 17.6 †	112	10.4	2.8 - 24.0 †
CA - Los Angeles	410	10.4	6.6 - 15.3 †	297	7.8	3.7 - 13.9 †	113	14.9	7.9 - 24.0 †
Colorado	288	15.0	9.4 - 21.7 †	215	10.8	5.7 - 17.7 †	73	28.5	14.9 - 43.6 †
Connecticut	287	16.8	10.2 - 24.7	228	10.5	7.9 - 13.5	59	21.0	9.2 - 36.1
Delaware	93	16.7	7.0 - 30.1 †	75	11.8	3.8 - 24.6 †	18	*	
District of Columbia	*	*		*	*		*	*	
Florida	1,468	15.3	12.1 - 18.8	1,113	13.8	10.1 - 18.2	355	16.3	11.0 - 22.5 †
Georgia	344	11.7	7.9 - 16.4	260	11.6	6.4 - 18.5 †	84	7.5	0.7 - 25.3 †
Hawaii	18	*		14	*		*	*	
Idaho	142	12.1	5.0 - 22.7 †	110	15.7	7.0 - 27.4	32	*	
Illinois	875	14.7	10.8 - 19.2	629	15.1	10.2 - 21.0	246	16.5	10.4 - 23.8
Indiana	449	11.5	7.3 - 16.7	332	12.7	8.8 - 17.3	117	17.2	9.2 - 27.5 †
Iowa	221	14.6	8.3 - 22.4 †	162	10.3	4.0 - 20.3 †	59	25.7	12.9 - 40.7 †
Kansas	161	16.5	10.0 - 24.5 †	115	14.7	7.7 - 23.8	46	19.4	5.3 - 39.9 †
Kentucky	245	11.6	6.7 - 17.8 †	188	9.4	4.6 - 16.3 †	57	18.4	7.3 - 33.4 †
Louisiana	355	13.5	9.0 - 18.9	253	9.5	6.0 - 13.8	102	18.8	8.3 - 32.7 †
Maine	177	14.2	7.5 - 22.9 †	140	8.6	2.4 - 19.9 †	37	26.7	11.4 - 44.7 †
Maryland	269	14.3	8.9 - 20.9 †	189	8.2	3.3 - 16.0 †	80	27.9	16.2 - 40.8 †
MI - Detroit	243	11.2	5.8 - 18.7 †	181	7.5	2.9 - 15.1 †	62	*	
Minnesota	476	18.7	13.7 - 24.3	358	8.2	4.8 - 12.7 †	118	32.4	23.1 - 41.9
Mississippi	143	15.6	8.3 - 24.9 †	100	13.7	5.6 - 25.4 †	43	*	
Missouri	345	12.1	7.8 - 17.4 †	258	7.2	3.1 - 13.8 †	87	21.2	12.1 - 32.0 †
Montana	115	9.1	3.4 - 18.1 †	86	*		29	23.7	8.3 - 43.5 †
Nebraska	107	13.7	5.4 - 26.0 †	77	0.0		30	25.3	10.5 - 43.2 †
New Hampshire	118	11.7	5.5 - 20.5 †	94	*		24	*	
New Jersey	726	19.6	14.9 - 24.7	526	10.5	7.1 - 14.7 †	200	12.7	5.5 - 23.0 †
New Mexico	115	9.1	3.9 - 16.9 †	89	11.0	4.5 - 20.7 †	26	5.0	0.3 - 20.3 †
New York	1,199	16.9	13.6 - 20.5	882	14.0	10.0 - 18.5	317	23.8	17.3 - 30.8
North Carolina	462	17.1	11.7 - 23.4	352	14.6	9.2 - 21.2	110	21.8	11.7 - 34.0 †
North Dakota	46	20.0	5.9 - 40.1 †	36	*		10	*	
Ohio	884	13.1	8.9 - 18.1	678	12.3	7.7 - 18.1	206	15.3	8.2 - 24.4 †
Oklahoma	176	10.8	5.5 - 18.1 †	135	10.4	4.1 - 20.1	41	29.1	13.0 - 47.3 †
Oregon	288	14.9	9.4 - 21.6 †	215	18.4	11.7 - 26.3 †	73	0.0	
Pennsylvania	1,201	16.4	12.7 - 20.5	889	13.5	9.1 - 18.7	312	21.0	15.9 - 26.5
Rhode Island	92	16.3	6.8 - 29.4	75	12.5	5.4 - 22.7	17	*	
South Carolina	305	16.2	10.2 - 23.3	229	13.3	5.5 - 24.6	76	23.5	12.7 - 36.3 †
Tennessee	343	8.9	4.9 - 14.5	264	3.3	0.8 - 8.7	79	16.2	9.7 - 24.3
Texas	1,167	18.8	15.7 - 22.2	898	16.2	12.3 - 20.5	269	24.8	18.7 - 31.4
Utah	131	12.6	5.8 - 22.1 †	94	2.6	0.5 - 7.9	37	*	
Vermont	48	16.0	6.3 - 29.7 †	41	9.0	1.9 - 23.1 †	*	*	
Washington	573	13.8	9.6 - 18.7	438	6.9	3.8 - 11.4 †	135	14.3	7.9 - 22.5 †
WA - Seattle	397	8.4	4.8 - 13.2 †	302	5.2	2.1 - 10.4 †	95	18.2	9.8 - 28.7 †
West Virginia	194	*		157	*		37	*	
Wisconsin	508	11.4	7.9 - 15.5 †	377	9.3	5.7 - 13.8 †	131	17.4	9.7 - 27.0 †
Wyoming	51	19.1	5.0 - 40.1 †	34	23.6	8.0 - 43.7 †	17	0.0	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

White

III-54 Survival – Mesothelioma

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, All Sites (invasive)**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	1,115,925	59.3	59.2 - 59.5	559,412	60.1	59.8 - 60.3	556,513	58.2	58.0 - 58.4
Alabama	38,164	58.5	57.7 - 59.3	19,789	59.1	58.0 - 60.3	18,375	57.5	56.3 - 58.6
Alaska	496	63.6	55.6 - 70.5	277	59.8	49.0 - 69.1	219	63.9	52.6 - 73.1
Arizona	6,158	57.7	55.6 - 59.7	3,213	55.6	52.6 - 58.5	2,945	58.8	55.9 - 61.6
Arkansas	13,562	56.4	54.9 - 57.9	7,224	56.5	54.4 - 58.6	6,338	55.3	53.2 - 57.3
California	70,207	59.2	58.6 - 59.7	35,362	60.2	59.4 - 61.1	34,845	57.7	56.9 - 58.5
CA - Greater California	28,285	59.9	58.9 - 60.8	14,749	60.6	59.2 - 62.0	13,536	58.6	57.3 - 60.0
CA - Greater Bay Area	14,800	59.2	57.9 - 60.4	7,630	59.6	57.8 - 61.4	7,170	58.3	56.5 - 59.9
CA - Los Angeles	27,216	58.3	57.4 - 59.1	13,037	59.8	58.5 - 61.2	14,179	56.4	55.2 - 57.6
Colorado	5,125	62.9	60.5 - 65.1	2,820	61.9	58.5 - 65.1	2,305	63.2	59.8 - 66.3
Connecticut	10,928	61.9	60.4 - 63.3	5,354	62.2	60.1 - 64.2	5,574	60.7	58.6 - 62.6
Delaware	6,521	62.3	60.3 - 64.2	3,270	63.3	60.3 - 66.1	3,251	60.4	57.6 - 63.0
District of Columbia	11,741	57.4	56.0 - 58.9	5,479	57.8	55.7 - 59.9	6,262	56.7	54.8 - 58.5
Florida	83,279	61.4	60.9 - 62.0	41,784	62.4	61.6 - 63.2	41,495	59.8	59.1 - 60.6
Georgia	86,861	59.5	59.0 - 60.1	43,584	60.1	59.2 - 61.0	43,277	58.5	57.7 - 59.3
Hawaii	615	64.8	57.7 - 71.0	413	64.8	55.7 - 72.5	202	59.5	48.5 - 69.0
Idaho	191	61.2	46.6 - 73.0	132	52.6	44.0 - 60.5	59	61.8	43.0 - 76.0
Illinois	59,147	58.3	57.6 - 58.9	28,407	58.9	57.9 - 59.8	30,740	57.3	56.5 - 58.2
Indiana	16,951	58.2	56.9 - 59.4	8,386	58.9	57.0 - 60.7	8,565	57.3	55.6 - 58.9
Iowa	2,264	56.7	53.0 - 60.2	1,237	58.1	53.3 - 62.5	1,027	53.9	48.6 - 58.9
Kansas	4,763	61.1	58.7 - 63.5	2,535	62.0	58.4 - 65.4	2,228	59.4	55.8 - 62.7
Kentucky	10,806	58.2	56.6 - 59.7	5,423	59.4	57.1 - 61.6	5,383	56.6	54.4 - 58.7
Louisiana	46,397	56.3	55.5 - 57.1	24,418	55.9	54.8 - 57.0	21,979	56.2	55.2 - 57.3
Maine	271	70.1	59.9 - 78.1	165	75.5	62.5 - 84.6	106	70.2	57.1 - 79.9†
Maryland	53,493	63.3	62.6 - 64.0	25,754	65.0	63.9 - 66.0	27,739	61.3	60.4 - 62.2
MI - Detroit	33,014	57.4	56.6 - 58.3	16,223	58.3	57.0 - 59.6	16,791	56.2	55.0 - 57.3
Minnesota	6,130	59.7	57.3 - 62.1	3,320	61.2	57.6 - 64.6	2,810	57.3	54.1 - 60.3
Mississippi	33,778	56.2	55.3 - 57.1	17,905	56.9	55.5 - 58.2	15,873	55.0	53.7 - 56.2
Missouri	21,037	56.9	55.8 - 58.0	10,144	56.4	54.8 - 58.1	10,893	57.1	55.6 - 58.5
Montana	85	60.2	42.2 - 74.1	61	68.2	46.6 - 82.6†	24	*	
Nebraska	2,252	60.2	57.0 - 63.2	1,244	60.1	55.9 - 64.0	1,008	58.7	53.8 - 63.3
New Hampshire	307	58.9	48.0 - 68.3	204	61.1	48.0 - 71.9	103	69.9	55.0 - 80.6†
New Jersey	38,806	60.3	59.5 - 61.1	18,813	63.5	62.3 - 64.7	19,993	57.0	55.9 - 58.0
New Mexico	1,027	56.3	51.0 - 61.3	590	55.5	48.4 - 62.0	437	56.6	49.4 - 63.1
New York	106,354	60.7	60.2 - 61.2	52,086	62.5	61.8 - 63.2	54,268	58.4	57.8 - 59.1
North Carolina	68,919	60.3	59.7 - 60.9	34,771	60.4	59.5 - 61.3	34,148	60.0	59.1 - 60.8
North Dakota	130	61.3	53.4 - 68.3	76	62.0	53.7 - 69.3	54	77.2	51.2 - 90.5†
Ohio	42,285	60.0	59.2 - 60.8	20,910	60.3	59.1 - 61.4	21,375	59.2	58.2 - 60.2
Oklahoma	7,969	58.1	56.4 - 59.9	4,179	59.0	56.5 - 61.4	3,790	56.5	54.0 - 59.0
Oregon	2,094	60.2	56.6 - 63.6	1,226	58.5	53.4 - 63.2	868	62.0	56.8 - 66.8
Pennsylvania	44,342	59.2	58.5 - 59.9	21,149	60.1	58.9 - 61.2	23,193	58.1	57.2 - 59.1
Rhode Island	1,649	63.1	59.1 - 66.9	832	62.9	57.4 - 67.9	817	62.5	56.8 - 67.7
South Carolina	40,871	58.2	57.4 - 59.0	20,945	58.0	56.9 - 59.2	19,926	58.0	56.9 - 59.1
Tennessee	31,067	57.0	56.1 - 58.0	15,592	57.4	55.9 - 58.8	15,475	56.1	54.8 - 57.3
Texas	85,809	57.5	56.9 - 58.1	43,215	57.2	56.3 - 58.0	42,594	57.4	56.6 - 58.2
Utah	551	59.0	52.1 - 65.2	347	56.7	47.4 - 65.0	204	60.2	49.3 - 69.5
Vermont	110	69.7	51.9 - 82.1†	72	*		38	82.9	60.4 - 93.3†
Washington	6,785	63.5	61.5 - 65.4	3,808	62.1	59.3 - 64.7	2,977	64.0	61.0 - 66.9
WA - Seattle	6,485	64.0	61.9 - 66.0	3,641	63.4	60.5 - 66.2	2,844	63.6	60.5 - 66.5
West Virginia	2,111	56.3	52.9 - 59.6	1,212	53.5	48.2 - 58.5	899	57.8	52.9 - 62.4
Wisconsin	10,415	60.9	59.1 - 62.5	5,408	61.6	59.0 - 64.0	5,007	59.5	57.1 - 61.9
Wyoming	88	50.7	34.1 - 65.0	54	54.8	34.2 - 71.3†	34	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, All Sites (CSI - invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	1,164,112	59.4	59.2 - 59.6	587,168	59.1	58.8 - 59.4	576,944	59.7	59.5 - 59.9
Alabama	39,409	57.2	56.4 - 58.0	20,537	56.7	55.6 - 57.7	18,872	57.8	56.7 - 58.9
Alaska	516	*		286	*		230	*	
Arizona	6,364	*		3,335	*		3,029	*	
Arkansas	14,186	*		7,604	*		6,582	*	
California	73,263	58.8	58.2 - 59.5	37,116	58.6	57.6 - 59.5	36,147	59.1	58.2 - 60.0
CA - Greater California	29,455	*		15,459	*		13,996	*	
CA - Greater Bay Area	15,442	*		8,017	*		7,425	*	
CA - Los Angeles	28,389	57.9	57.0 - 58.7	13,648	57.7	56.5 - 59.0	14,741	*	
Colorado	5,302	*		2,930	*		2,372	*	
Connecticut	11,393	*		5,616	*		5,777	*	
Delaware	6,760	*		3,413	*		3,347	*	
District of Columbia	12,162	*		5,705	*		6,457	*	
Florida	88,158	59.7	59.1 - 60.3	44,417	59.0	58.1 - 59.9	43,741	60.4	59.6 - 61.2
Georgia	90,686	58.3	57.7 - 58.9	45,886	57.8	56.9 - 58.7	44,800	58.8	58.0 - 59.7
Hawaii	635	*		425	*		210	*	
Idaho	197	*		136	*		61	*	
Illinois	61,813	58.8	58.1 - 59.5	29,877	58.6	57.7 - 59.5	31,936	59.1	58.0 - 60.1
Indiana	17,692	*		8,829	*		8,863	*	
Iowa	2,369	*		1,304	*		1,065	*	
Kansas	4,962	*		2,660	*		2,302	*	
Kentucky	11,318	*		5,689	*		5,629	*	
Louisiana	48,482	57.0	56.3 - 57.8	25,693	57.1	56.1 - 58.2	22,789	57.0	55.8 - 58.2
Maine	278	*		168	*		110	*	
Maryland	55,560	61.0	60.2 - 61.8	26,893	60.4	59.2 - 61.7	28,667	61.6	60.6 - 62.7
MI - Detroit	34,557	*		17,114	*		17,443	*	
Minnesota	6,364	*		3,469	*		2,895	*	
Mississippi	35,188	56.6	55.7 - 57.5	18,796	56.7	55.4 - 58.0	16,392	*	
Missouri	21,937	*		10,644	*		11,293	*	
Montana	88	*		64	*		24	*	
Nebraska	2,367	*		1,319	*		1,048	*	
New Hampshire	320	*		215	*		105	*	
New Jersey	40,568	58.3	57.6 - 59.1	19,760	*		20,808	57.9	56.9 - 58.9
New Mexico	1,069	*		621	*		448	*	
New York	110,899	59.4	58.8 - 59.9	54,665	58.8	58.0 - 59.7	56,234	59.9	59.3 - 60.6
North Carolina	71,788	60.0	59.4 - 60.7	36,475	59.4	58.5 - 60.4	35,313	60.7	59.8 - 61.6
North Dakota	133	*		79	*		54	*	
Ohio	44,058	59.9	59.2 - 60.6	21,935	59.6	58.5 - 60.7	22,123	60.2	59.3 - 61.2
Oklahoma	8,293	*		4,360	*		3,933	*	
Oregon	2,194	*		1,297	*		897	*	
Pennsylvania	46,444	60.1	59.3 - 61.0	22,303	59.9	58.6 - 61.2	24,141	60.4	59.3 - 61.5
Rhode Island	1,715	*		870	*		845	*	
South Carolina	42,476	58.2	57.5 - 59.0	21,873	57.7	56.6 - 58.8	20,603	58.8	57.8 - 59.9
Tennessee	32,204	*		16,249	*		15,955	*	
Texas	88,979	58.2	57.5 - 58.8	45,064	57.5	56.5 - 58.5	43,915	58.9	58.0 - 59.7
Utah	560	*		355	*		205	*	
Vermont	114	*		75	*		39	*	
Washington	7,075	*		3,990	*		3,085	*	
WA - Seattle	6,761	*		3,812	*		2,949	*	
West Virginia	2,204	*		1,276	*		928	*	
Wisconsin	10,924	*		5,726	*		5,198	*	
Wyoming	89	*		55	*		34	*	

Abbreviations: CSI, composite site index; RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

If more than 30% of the site-specific age-standardized RSR estimates were not available for a jurisdiction, the “All Sites (CSI)” estimate was suppressed. See Technical Notes for the difference between age-standardized RSR and Standardized using a composite survival index (CSI).

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Oral Cavity & Pharynx**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	23,735	47.0	45.8 - 48.2	16,274	44.4	42.9 - 45.9	7,461	52.8	50.8 - 54.7
Alabama	796	46.8	40.9 - 52.5	560	39.6	32.7 - 46.4	236	58.6	49.3 - 66.8
Alaska	10	*		*	*		*	*	
Arizona	99	38.9	25.3 - 52.4	76	46.1	27.9 - 62.5†	23	*	
Arkansas	332	47.5	39.7 - 54.9†	225	36.8	27.7 - 45.9†	107	39.5	24.0 - 54.6
California	1,502	52.6	48.3 - 56.7	1,053	53.0	47.6 - 58.2	449	51.0	43.9 - 57.7
CA - Greater California	592	60.6	53.6 - 66.8	414	61.0	52.0 - 68.9	178	57.5	46.9 - 66.8
CA - Greater Bay Area	313	52.5	43.1 - 61.1	233	51.9	41.6 - 61.2	80	51.4	32.2 - 67.7
CA - Los Angeles	598	43.1	36.4 - 49.5	406	41.6	33.0 - 50.0	192	45.1	34.6 - 54.9
Colorado	115	47.1	38.3 - 55.5	94	45.6	35.4 - 55.1	21	*	
Connecticut	234	39.9	30.2 - 49.5	162	44.4	32.3 - 55.7†	72	46.1	28.1 - 62.3
Delaware	106	57.6	44.5 - 68.6†	70	49.4	33.9 - 63.1†	36	74.6	50.7 - 88.1†
District of Columbia	269	42.3	34.1 - 50.3	177	30.6	22.7 - 38.9	92	62.3	47.8 - 73.9†
Florida	1,775	47.1	42.6 - 51.6	1,224	41.9	36.2 - 47.5	551	55.7	48.2 - 62.6
Georgia	1,845	45.1	40.9 - 49.3	1,211	44.9	39.4 - 50.3	634	47.3	41.1 - 53.2
Hawaii	11	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,396	45.0	41.0 - 49.0	953	45.2	39.6 - 50.7	443	44.1	37.0 - 50.9
Indiana	371	54.8	45.8 - 63.0	250	45.5	35.1 - 55.4	121	62.6	49.2 - 73.3
Iowa	46	71.9	50.7 - 85.2†	32	*		14	*	
Kansas	117	49.0	35.5 - 61.1†	77	35.1	22.4 - 48.0	40	*	
Kentucky	230	43.1	31.9 - 53.8	172	37.0	25.5 - 48.5	58	67.2	48.6 - 80.3†
Louisiana	1,020	36.3	31.0 - 41.7	744	36.6	30.3 - 42.8	276	40.5	31.8 - 48.9†
Maine	*	*		*	*		*	*	
Maryland	1,035	47.8	42.6 - 52.8	674	43.3	36.8 - 49.6	361	54.1	45.3 - 62.1
MI - Detroit	771	40.8	35.1 - 46.4	527	37.9	31.0 - 44.8	244	47.1	37.8 - 55.9
Minnesota	149	54.3	40.0 - 66.6†	96	47.3	32.9 - 60.5†	53	*	
Mississippi	798	41.6	33.1 - 49.9	572	36.7	26.1 - 47.4	226	52.1	37.9 - 64.6
Missouri	466	54.5	46.7 - 61.7	331	55.7	46.3 - 64.1	135	49.4	36.5 - 61.0
Montana	*	*		*	*		*	*	
Nebraska	49	51.8	31.3 - 68.8†	38	*		11	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	784	47.8	42.3 - 53.1	528	46.9	39.9 - 53.5	256	47.9	38.5 - 56.6
New Mexico	24	0.0		16	0.0		*	*	
New York	2,002	50.0	46.4 - 53.6	1,276	45.6	41.3 - 49.8	726	57.3	51.2 - 62.9
North Carolina	1,548	43.1	38.2 - 47.8	1,096	35.7	29.7 - 41.7	452	52.9	44.8 - 60.3
North Dakota	*	*		*	*		*	*	
Ohio	863	48.4	41.3 - 55.1	590	48.7	39.8 - 57.0	273	45.9	39.9 - 51.6
Oklahoma	151	53.4	39.6 - 65.4	115	61.6	47.0 - 73.2	36	*	
Oregon	44	56.4	36.4 - 72.3†	31	*		13	*	
Pennsylvania	985	52.0	47.0 - 56.8	648	49.1	42.9 - 55.0	337	56.5	46.9 - 65.0
Rhode Island	41	46.3	26.4 - 64.0†	23	*		18	*	
South Carolina	972	36.4	30.4 - 42.4	706	36.8	31.8 - 41.7†	266	46.0	36.7 - 54.8
Tennessee	629	42.7	34.9 - 50.4	447	38.8	29.1 - 48.3	182	51.1	37.8 - 62.9
Texas	1,700	48.8	44.7 - 52.7	1,132	45.4	40.3 - 50.3	568	54.2	46.6 - 61.2
Utah	12	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	130	55.6	42.4 - 66.9†	104	59.1	44.7 - 70.9†	26	*	
WA - Seattle	130	56.8	43.5 - 68.2†	104	61.7	46.9 - 73.5†	26	*	
West Virginia	47	*		34	*		13	*	
Wisconsin	235	48.9	40.4 - 56.9†	166	43.7	33.8 - 53.2†	69	61.4	45.4 - 74.0†
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Esophagus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	10,004	14.4	13.3 - 15.5	6,822	12.2	11.0 - 13.5	3,182	18.7	16.7 - 20.8
Alabama	409	9.0	5.4 - 13.7	300	6.1	2.9 - 11.0	109	17.1	7.0 - 30.9 †
Alaska	*	*		*	*		*	*	
Arizona	49	14.1	4.6 - 28.8 †	30	17.8	5.1 - 36.9 †	19	*	
Arkansas	119	12.2	6.1 - 20.6 †	83	10.5	4.3 - 19.9 †	36	17.3	5.1 - 35.6 †
California	489	14.7	10.6 - 19.4	321	14.4	9.1 - 20.8	168	17.6	10.5 - 26.2 †
CA - Greater California	179	16.7	9.2 - 26.3 †	119	17.8	8.7 - 29.4 †	60	14.2	4.4 - 29.7 †
CA - Greater Bay Area	124	14.3	7.7 - 23.0	83	8.5	2.6 - 19.0	41	24.8	10.5 - 42.3 †
CA - Los Angeles	186	14.2	8.3 - 21.7 †	119	13.6	6.7 - 23.0 †	67	14.7	5.6 - 27.9 †
Colorado	35	25.3	10.9 - 42.7 †	24	19.4	6.0 - 38.5 †	11	*	
Connecticut	107	13.5	6.0 - 23.9 †	73	8.4	2.0 - 20.9 †	34	*	
Delaware	33	10.1	1.8 - 27.1 †	25	11.3	2.0 - 29.9 †	*	*	
District of Columbia	119	9.8	4.8 - 17.0	78	8.4	3.2 - 16.6	41	13.5	4.0 - 28.6 †
Florida	663	16.4	12.7 - 20.6	429	9.4	5.7 - 14.4 †	234	29.8	22.8 - 37.1
Georgia	844	12.5	9.6 - 15.9 †	625	11.8	8.5 - 15.6 †	219	14.6	8.5 - 22.1 †
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	586	16.2	12.2 - 20.8 †	389	15.2	10.3 - 20.9 †	197	17.7	11.3 - 25.4 †
Indiana	178	9.9	3.9 - 19.2 †	116	13.2	6.1 - 22.9 †	62	0.0	
Iowa	18	*		12	*		*	*	
Kansas	45	8.6	1.8 - 22.5 †	36	6.7	0.6 - 24.0 †	*	*	
Kentucky	94	16.6	7.6 - 28.7 †	60	15.4	8.8 - 23.7	34	16.2	3.9 - 36.0 †
Louisiana	471	12.5	8.8 - 16.8	337	11.2	6.8 - 16.8	134	14.2	9.0 - 20.6
Maine	*	*		*	*		*	*	
Maryland	374	15.6	11.2 - 20.6	247	12.5	7.9 - 18.1	127	22.5	14.2 - 32.0 †
MI - Detroit	337	11.3	7.2 - 16.2 †	231	10.0	5.5 - 16.1 †	106	14.5	7.2 - 24.2 †
Minnesota	71	30.2	15.4 - 46.5 †	38	*		33	*	
Mississippi	390	10.5	6.9 - 15.0 †	301	9.9	6.2 - 14.7 †	89	11.2	3.9 - 22.8 †
Missouri	203	19.7	12.3 - 28.3	125	18.9	10.8 - 28.8	78	*	
Montana	*	*		*	*		*	*	
Nebraska	11	*		*	*		*	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	321	13.9	9.2 - 19.6	196	11.0	5.4 - 18.7 †	125	16.4	8.9 - 25.9 †
New Mexico	*	*		*	*		*	*	
New York	890	13.8	10.6 - 17.3	584	9.4	6.4 - 13.0	306	22.4	16.4 - 29.0 †
North Carolina	628	13.5	9.6 - 18.2	434	13.3	9.3 - 18.1 †	194	13.7	8.8 - 19.7
North Dakota	*	*		*	*		*	*	
Ohio	347	18.5	13.2 - 24.6 †	231	15.8	9.7 - 23.1	116	22.1	13.0 - 32.8 †
Oklahoma	66	14.8	5.7 - 27.8 †	43	4.8	0.4 - 18.9 †	23	*	
Oregon	15	*		12	*		*	*	
Pennsylvania	465	19.8	14.9 - 25.1 †	290	17.7	12.2 - 23.9 †	175	20.7	13.0 - 29.8
Rhode Island	17	*		12	0.0		*	*	
South Carolina	496	5.2	2.8 - 8.7	369	5.1	2.5 - 9.0	127	13.7	6.8 - 23.0 †
Tennessee	289	11.1	6.7 - 16.8 †	207	11.1	6.2 - 17.4 †	82	10.6	3.3 - 22.9 †
Texas	611	18.8	14.4 - 23.8	416	18.6	12.9 - 25.0	195	17.0	10.9 - 24.4 †
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	59	28.7	14.6 - 44.5 †	44	24.8	10.8 - 41.8 †	15	*	
WA - Seattle	54	29.5	15.5 - 45.0 †	40	21.7	8.3 - 39.2 †	14	*	
West Virginia	14	0.0		10	*		*	*	
Wisconsin	110	14.4	6.8 - 24.6 †	65	11.1	3.8 - 22.6 †	45	17.0	4.9 - 35.4 †
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Stomach

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	24,378	35.8	34.9 - 36.6	13,874	30.2	29.0 - 31.3	10,504	43.3	42.0 - 44.7
Alabama	888	36.2	32.0 - 40.4	499	30.1	23.9 - 36.4	389	43.3	37.0 - 49.5
Alaska	10	*		*	*		*	*	
Arizona	125	36.4	24.7 - 48.1	76	*		49	52.6	35.0 - 67.5†
Arkansas	293	27.9	19.9 - 36.4†	188	22.3	14.0 - 31.7†	105	38.6	23.5 - 53.4†
California	1,510	29.9	26.5 - 33.3	861	25.3	21.1 - 29.8	649	35.9	30.8 - 41.1
CA - Greater California	553	28.0	22.3 - 34.0	315	22.3	15.5 - 29.9	238	36.3	27.2 - 45.3†
CA - Greater Bay Area	351	32.3	25.3 - 39.5	205	24.9	16.4 - 34.3	146	42.0	31.7 - 51.9
CA - Los Angeles	606	29.2	24.3 - 34.4	341	28.0	21.9 - 34.5	265	31.5	23.6 - 39.6
Colorado	103	43.6	31.8 - 54.9†	72	39.3	26.0 - 52.3†	31	*	
Connecticut	287	32.3	24.5 - 40.4	159	29.7	19.6 - 40.6	128	32.9	21.2 - 45.2
Delaware	114	37.8	26.2 - 49.3†	66	30.3	17.3 - 44.2†	48	47.4	28.0 - 64.5†
District of Columbia	259	38.6	30.6 - 46.5	146	32.7	22.6 - 43.1	113	43.7	32.4 - 54.5
Florida	1,966	36.8	33.9 - 39.8	1,146	31.4	27.7 - 35.2	820	44.0	39.3 - 48.5
Georgia	1,709	34.7	31.6 - 37.9	983	27.7	23.8 - 31.7	726	43.5	38.3 - 48.5
Hawaii	15	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,341	35.1	31.6 - 38.7	722	26.9	22.4 - 31.6	619	44.3	39.1 - 49.4
Indiana	348	36.5	29.8 - 43.1	208	25.6	18.2 - 33.6	140	52.1	41.6 - 61.6
Iowa	44	24.3	10.0 - 42.0†	22	*		22	*	
Kansas	73	29.2	15.1 - 44.8†	41	*		32	35.5	17.6 - 53.9†
Kentucky	208	44.6	34.6 - 54.1	116	34.3	23.8 - 44.9	92	52.0	36.1 - 65.8
Louisiana	1,057	26.6	22.3 - 31.1	643	22.3	17.4 - 27.6	414	34.0	27.0 - 41.0
Maine	*	*		*	*		*	*	
Maryland	1,097	43.0	38.9 - 47.2	551	35.2	29.7 - 40.7	546	50.1	44.2 - 55.7
MI - Detroit	657	27.3	22.8 - 32.0	367	22.1	16.6 - 28.2	290	31.8	24.5 - 39.4†
Minnesota	124	27.8	19.4 - 36.8	78	41.5	23.2 - 58.9†	46	*	
Mississippi	737	31.7	27.0 - 36.4	427	22.5	17.1 - 28.4	310	39.3	32.1 - 46.5
Missouri	419	35.7	29.2 - 42.2	246	27.3	19.8 - 35.3	173	45.8	34.7 - 56.2
Montana	*	*		*	*		*	*	
Nebraska	46	43.4	26.5 - 59.2†	30	*		16	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	891	34.2	29.9 - 38.6	471	27.5	22.1 - 33.2	420	40.3	33.6 - 46.9
New Mexico	21	*		12	*		*	*	
New York	2,663	38.9	36.3 - 41.5	1,442	34.5	31.1 - 37.9	1,221	44.1	40.2 - 47.9
North Carolina	1,478	39.4	35.8 - 42.9	831	33.8	29.2 - 38.4	647	46.8	41.5 - 51.9
North Dakota	*	*		*	*		*	*	
Ohio	934	34.5	30.2 - 38.8	532	30.2	24.6 - 36.0	402	38.1	31.3 - 44.8
Oklahoma	164	36.4	27.3 - 45.6	95	22.5	13.0 - 33.6†	69	58.5	42.7 - 71.3†
Oregon	48	44.7	28.2 - 59.9†	31	27.7	11.2 - 47.1†	17	*	
Pennsylvania	836	32.4	28.0 - 36.8	474	26.6	21.5 - 31.9	362	40.1	32.7 - 47.4
Rhode Island	45	*		25	*		20	*	
South Carolina	992	34.9	30.5 - 39.3	584	28.3	23.2 - 33.7	408	42.6	36.0 - 49.1
Tennessee	610	34.6	28.6 - 40.6	346	29.7	22.1 - 37.7	264	41.7	33.4 - 49.9
Texas	1,842	36.1	33.0 - 39.2	1,104	32.5	28.5 - 36.5	738	40.4	35.4 - 45.2
Utah	14	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	127	37.5	27.0 - 48.1†	80	34.4	22.0 - 47.1†	47	43.4	24.2 - 61.3†
WA - Seattle	129	33.5	23.1 - 44.2†	79	31.3	19.0 - 44.4†	50	37.3	19.6 - 55.2†
West Virginia	39	44.2	26.8 - 60.2†	22	*		17	*	
Wisconsin	220	34.7	26.3 - 43.1	144	33.5	22.6 - 44.7†	76	36.0	24.0 - 48.2
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Colon & Rectum

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	110,259	57.1	56.6 - 57.6	55,266	55.1	54.4 - 55.8	54,993	59.0	58.4 - 59.7
Alabama	4,196	56.8	54.3 - 59.2	2,046	54.2	50.3 - 57.9	2,150	59.1	55.8 - 62.2
Alaska	36	69.7	47.6 - 84.0†	24	*		12	*	
Arizona	559	52.5	46.1 - 58.6	280	47.0	38.0 - 55.5	279	56.2	47.1 - 64.3
Arkansas	1,465	53.2	49.0 - 57.2	745	51.1	44.5 - 57.3	720	53.3	47.2 - 59.1
California	6,865	57.3	55.4 - 59.1	3,454	55.1	52.3 - 57.7	3,411	59.6	57.1 - 62.1
CA - Greater California	2,731	58.5	55.4 - 61.4	1,440	56.4	52.0 - 60.5	1,291	60.3	56.0 - 64.3
CA - Greater Bay Area	1,411	58.6	54.6 - 62.4	689	56.7	50.9 - 62.1	722	60.0	54.6 - 65.0
CA - Los Angeles	2,727	55.1	52.2 - 57.9	1,326	51.5	47.1 - 55.6	1,401	58.3	54.4 - 62.0
Colorado	519	60.2	53.0 - 66.7	284	56.1	45.3 - 65.5	235	64.0	54.0 - 72.4
Connecticut	987	62.2	57.3 - 66.6	481	59.1	51.9 - 65.6	506	63.3	57.0 - 69.0
Delaware	560	62.0	54.7 - 68.4	280	58.1	47.1 - 67.7	280	64.3	54.8 - 72.3
District of Columbia	1,166	54.5	50.0 - 58.8	560	50.1	43.0 - 56.8	606	58.5	52.8 - 63.7
Florida	8,059	56.8	55.1 - 58.5	4,107	55.2	52.6 - 57.8	3,952	58.6	56.3 - 60.9
Georgia	8,904	56.6	54.8 - 58.4	4,463	54.3	51.5 - 56.9	4,441	58.4	56.0 - 60.7
Hawaii	58	69.2	51.3 - 81.6	43	72.9	52.1 - 85.8†	15	*	
Idaho	21	*		13	*		*	*	
Illinois	6,337	56.3	54.4 - 58.2	3,076	54.2	51.3 - 57.1	3,261	58.3	55.6 - 60.8
Indiana	1,664	60.2	56.3 - 63.9	822	58.3	52.1 - 63.9	842	61.0	56.0 - 65.6
Iowa	215	49.6	39.3 - 59.0	121	53.1	39.4 - 65.0†	94	49.3	36.4 - 60.9
Kansas	439	59.7	51.2 - 67.3	235	60.0	47.8 - 70.3	204	51.3	36.4 - 64.3
Kentucky	1,135	58.7	53.3 - 63.7	572	60.8	53.8 - 67.0	563	56.2	48.6 - 63.1
Louisiana	5,189	56.6	54.3 - 58.9	2,666	54.9	51.4 - 58.3	2,523	58.5	55.4 - 61.5
Maine	23	*		15	*		*	*	
Maryland	4,822	58.7	56.4 - 60.9	2,326	56.0	52.7 - 59.2	2,496	60.5	57.4 - 63.4
MI - Detroit	3,358	54.3	51.7 - 56.9	1,668	51.9	48.1 - 55.6	1,690	56.2	52.6 - 59.6
Minnesota	541	60.1	52.6 - 66.7	294	61.3	49.9 - 70.9	247	58.6	48.8 - 67.2
Mississippi	4,066	56.1	53.5 - 58.7	2,130	53.3	49.1 - 57.3	1,936	58.5	55.0 - 61.8
Missouri	2,079	58.2	54.7 - 61.6	1,007	56.6	51.3 - 61.6	1,072	59.7	55.0 - 64.0
Montana	*	*		*	*		*	*	
Nebraska	225	59.0	49.1 - 67.6	130	55.0	43.8 - 64.8	95	60.9	44.8 - 73.6
New Hampshire	32	*		22	*		10	*	
New Jersey	3,718	55.1	52.5 - 57.6	1,765	51.3	47.1 - 55.3	1,953	58.3	54.9 - 61.5
New Mexico	86	56.2	39.6 - 70.0†	43	*		43	*	
New York	9,586	57.4	55.8 - 58.9	4,644	55.9	53.5 - 58.1	4,942	58.7	56.6 - 60.7
North Carolina	6,235	57.6	55.6 - 59.7	3,138	57.4	54.2 - 60.4	3,097	57.7	54.9 - 60.4
North Dakota	*	*		*	*		*	*	
Ohio	3,880	57.7	55.1 - 60.2	1,917	56.3	52.3 - 60.1	1,963	58.3	54.8 - 61.6
Oklahoma	797	55.2	49.8 - 60.4	417	52.1	44.4 - 59.3	380	57.0	49.5 - 63.8
Oregon	166	58.6	48.4 - 67.5	98	58.9	42.5 - 72.1†	68	69.8	58.1 - 78.9
Pennsylvania	3,970	58.3	55.9 - 60.7	1,898	57.4	53.7 - 60.9	2,072	58.8	55.6 - 61.9
Rhode Island	128	56.6	42.8 - 68.2	66	49.7	35.1 - 62.7	62	72.8	53.6 - 85.1†
South Carolina	4,006	55.7	53.0 - 58.2	2,079	53.3	49.3 - 57.1	1,927	58.0	54.4 - 61.5
Tennessee	3,146	53.1	50.1 - 56.0	1,571	50.5	45.8 - 55.1	1,575	55.2	51.3 - 59.0
Texas	9,130	56.3	54.5 - 58.1	4,738	52.6	49.9 - 55.3	4,392	59.9	57.4 - 62.3
Utah	54	35.3	17.9 - 53.2†	39	*		15	*	
Vermont	*	*		*	*		*	*	
Washington	606	65.1	58.2 - 71.1	331	62.6	52.6 - 71.1	275	67.0	56.7 - 75.3
WA - Seattle	575	65.6	58.5 - 71.8	316	64.2	53.7 - 72.9	259	66.1	55.6 - 74.6
West Virginia	208	48.0	38.5 - 57.0	108	34.2	24.7 - 43.9	100	53.7	39.2 - 66.2
Wisconsin	988	59.7	54.2 - 64.8	521	57.2	49.2 - 64.4	467	62.0	54.6 - 68.7
Wyoming	11	*		10	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Liver & Intrahepatic Bile Duct**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	29,715	17.8	17.0 - 18.6	21,612	16.5	15.5 - 17.5	8,103	20.9	19.6 - 22.3
Alabama	762	11.7	7.9 - 16.3 †	566	11.1	6.8 - 16.5 †	196	13.4	6.4 - 22.8 †
Alaska	13	*		10	*		*	*	
Arizona	165	12.9	6.7 - 21.2 †	121	13.1	6.0 - 23.0 †	44	11.7	2.5 - 28.7 †
Arkansas	265	23.2	16.6 - 30.5 †	202	23.3	15.9 - 31.7 †	63	22.8	10.6 - 37.8 †
California	2,074	17.7	15.1 - 20.5	1,508	17.0	13.8 - 20.5	566	19.6	15.5 - 24.2
CA - Greater California	848	21.0	16.9 - 25.4 †	627	19.4	14.7 - 24.6 †	221	24.7	16.8 - 33.4 †
CA - Greater Bay Area	533	24.0	19.2 - 29.2 †	410	23.8	18.2 - 29.8 †	123	24.4	15.5 - 34.5 †
CA - Los Angeles	695	16.2	12.6 - 20.2	472	18.6	13.9 - 23.8 †	223	17.5	11.9 - 24.0
Colorado	164	26.7	18.1 - 36.0 †	122	24.0	14.3 - 35.1 †	42	32.5	16.5 - 49.6 †
Connecticut	273	24.3	17.4 - 31.8 †	192	21.0	13.2 - 30.1 †	81	31.4	19.4 - 44.2 †
Delaware	186	24.7	16.8 - 33.4 †	134	20.1	11.3 - 30.7 †	52	34.8	20.5 - 49.5 †
District of Columbia	473	21.5	15.3 - 28.5	343	24.0	17.7 - 30.8 †	130	17.2	7.6 - 30.1 †
Florida	1,847	17.4	14.8 - 20.2	1,267	16.5	13.7 - 19.5 †	580	20.6	16.3 - 25.2
Georgia	1,800	15.5	12.7 - 18.6	1,280	16.1	12.0 - 20.8	520	22.0	17.4 - 26.9 †
Hawaii	16	*		16	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,273	18.1	14.4 - 22.2	899	14.3	11.4 - 17.4	374	23.9	17.5 - 30.8 †
Indiana	515	18.9	14.5 - 23.9 †	377	16.5	11.4 - 22.5 †	138	24.3	15.7 - 33.9 †
Iowa	102	24.2	15.4 - 34.2	83	29.3	14.9 - 45.3 †	19	*	
Kansas	156	17.7	9.7 - 27.7 †	110	24.3	15.3 - 34.4 †	46	0.0	
Kentucky	289	11.8	7.5 - 17.3	211	13.3	7.0 - 21.5 †	78	23.5	12.4 - 36.6 †
Louisiana	1,388	13.6	10.9 - 16.5 †	1,111	13.1	10.2 - 16.3 †	277	16.2	10.1 - 23.5 †
Maine	13	*		12	*		*	*	
Maryland	1,458	22.6	19.1 - 26.3	1,053	22.6	19.2 - 26.1 †	405	24.6	18.3 - 31.5
MI - Detroit	952	13.3	9.4 - 17.9	674	15.1	11.1 - 19.6 †	278	18.1	12.2 - 25.1 †
Minnesota	304	28.8	21.3 - 36.7	223	30.7	23.7 - 37.9 †	81	34.6	21.8 - 47.8
Mississippi	569	14.0	10.0 - 18.7 †	401	10.7	6.9 - 15.5	168	13.1	6.9 - 21.2 †
Missouri	649	17.4	13.1 - 22.1	470	19.2	14.2 - 24.8 †	179	16.2	10.0 - 23.7
Montana	*	*		*	*		*	*	
Nebraska	73	23.7	12.2 - 37.4 †	55	27.9	14.6 - 42.8 †	18	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	872	16.9	12.8 - 21.4	614	14.5	10.1 - 19.8	258	21.4	14.2 - 29.6
New Mexico	34	*		25	*		*	*	
New York	2,902	19.3	17.1 - 21.7	2,049	16.7	13.8 - 19.8	853	25.0	21.3 - 28.9
North Carolina	1,578	14.0	10.7 - 17.8	1,131	13.4	10.4 - 16.8 †	447	17.4	11.7 - 24.0
North Dakota	*	*		*	*		*	*	
Ohio	1,179	20.6	16.7 - 24.9	854	23.0	17.8 - 28.6	325	19.2	13.8 - 25.3
Oklahoma	198	12.4	7.1 - 19.3 †	141	12.9	6.9 - 20.9 †	57	11.0	3.2 - 24.3 †
Oregon	109	22.0	12.4 - 33.4 †	90	20.7	10.3 - 33.7 †	19	*	
Pennsylvania	1,623	22.5	19.0 - 26.2	1,216	22.5	17.9 - 27.3	407	22.9	18.1 - 28.0
Rhode Island	43	*		29	*		14	0.0	
South Carolina	804	12.2	8.9 - 16.0	606	10.3	7.4 - 13.8	198	16.3	9.0 - 25.5 †
Tennessee	790	15.2	11.3 - 19.6	559	11.4	7.5 - 16.3 †	231	26.4	18.6 - 34.7 †
Texas	3,009	18.2	15.5 - 21.0	2,236	18.4	14.9 - 22.1	773	19.3	15.1 - 23.9
Utah	32	0.0		28	0.0		*	*	
Vermont	*	*		*	*		*	*	
Washington	298	29.0	21.4 - 37.1 †	226	23.8	15.8 - 32.7 †	72	46.8	29.9 - 62.1 †
WA - Seattle	288	24.9	17.5 - 33.0 †	218	21.3	13.5 - 30.4 †	70	36.6	19.7 - 53.7 †
West Virginia	69	3.1	1.1 - 6.9	54	7.6	1.9 - 18.9 †	15	*	
Wisconsin	362	18.3	12.2 - 25.4	285	17.0	11.2 - 24.0 †	77	17.5	8.0 - 30.0
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Pancreas

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	38,463	12.0	11.5 - 12.5	17,934	10.0	9.3 - 10.7	20,529	13.9	13.3 - 14.6
Alabama	1,284	11.4	9.0 - 14.0	590	7.2	4.6 - 10.4 †	694	14.6	11.3 - 18.3
Alaska	17	*		10	*		*	*	
Arizona	253	10.3	5.8 - 16.2 †	131	9.0	3.3 - 18.2 †	122	11.0	5.2 - 19.3 †
Arkansas	460	8.4	5.4 - 12.4	224	5.5	2.6 - 10.1	236	10.5	6.3 - 16.0
California	2,516	13.0	11.2 - 14.9	1,236	12.0	9.5 - 14.7	1,280	14.0	11.4 - 16.9
CA - Greater California	994	14.7	11.7 - 18.1	528	14.3	10.2 - 19.2	466	13.9	9.8 - 18.8 †
CA - Greater Bay Area	558	10.7	7.6 - 14.4 †	266	7.9	4.5 - 12.6 †	292	13.6	8.8 - 19.4 †
CA - Los Angeles	964	11.3	8.6 - 14.3	442	11.8	8.2 - 16.2	522	9.3	6.4 - 12.8
Colorado	161	14.9	9.2 - 21.9 †	87	10.9	4.7 - 20.0 †	74	19.6	10.4 - 31.0 †
Connecticut	371	13.0	9.2 - 17.4	179	14.3	8.6 - 21.5 †	192	9.5	4.8 - 16.1 †
Delaware	221	9.9	5.4 - 16.0 †	100	8.6	3.2 - 17.7 †	121	11.4	5.5 - 19.8 †
District of Columbia	472	12.5	9.0 - 16.6	219	14.6	9.5 - 20.8 †	253	10.7	6.3 - 16.5
Florida	2,800	15.1	13.3 - 16.9	1,310	13.4	10.8 - 16.2	1,490	16.8	14.4 - 19.3
Georgia	2,857	11.7	9.9 - 13.6	1,304	10.2	7.8 - 13.0	1,553	12.9	10.4 - 15.5
Hawaii	17	*		12	0.0		*	*	
Idaho	*	*		*	*		*	*	
Illinois	2,077	14.5	12.5 - 16.6	953	12.5	9.7 - 15.8	1,124	15.9	13.3 - 18.9
Indiana	593	7.7	4.9 - 11.2 †	278	8.0	4.2 - 13.4 †	315	7.6	4.1 - 12.6 †
Iowa	74	*		38	*		36	0.0	
Kansas	162	6.6	1.6 - 16.9 †	77	0.0		85	14.1	6.0 - 25.5 †
Kentucky	372	11.6	7.5 - 16.7 †	170	9.0	4.4 - 15.7 †	202	14.2	8.7 - 21.1
Louisiana	1,525	7.7	6.0 - 9.7	744	5.8	3.7 - 8.5	781	9.8	7.2 - 13.0
Maine	*	*		*	*		*	*	
Maryland	1,821	13.6	11.5 - 15.8	810	10.6	7.9 - 13.6	1,011	15.6	12.6 - 18.8
MI - Detroit	1,272	7.7	5.6 - 10.2	588	8.7	5.6 - 12.8	684	7.6	5.0 - 11.0
Minnesota	199	11.6	5.6 - 19.9 †	107	12.4	4.1 - 25.5 †	92	10.3	3.5 - 21.4 †
Mississippi	1,139	8.4	6.3 - 10.9	536	5.7	3.2 - 9.4 †	603	9.9	7.2 - 13.2 †
Missouri	818	9.6	6.9 - 12.8 †	399	10.2	6.6 - 14.7 †	419	8.7	5.2 - 13.5 †
Montana	*	*		*	*		*	*	
Nebraska	81	12.9	5.8 - 22.8	43	12.9	3.6 - 28.2 †	38	16.2	5.7 - 31.4 †
New Hampshire	14	0.0		*	*		*	*	
New Jersey	1,320	11.4	8.9 - 14.2	593	8.5	5.3 - 12.7 †	727	13.2	10.3 - 16.5
New Mexico	34	0.0		21	0.0		13	*	
New York	3,619	12.3	10.9 - 13.8	1,607	8.6	6.7 - 10.9 †	2,012	15.1	13.1 - 17.2
North Carolina	2,444	11.8	9.9 - 13.9	1,146	8.6	6.1 - 11.6	1,298	14.3	11.7 - 17.2
North Dakota	*	*		*	*		*	*	
Ohio	1,403	9.8	7.3 - 12.8	639	3.8	2.0 - 6.4	764	14.0	10.8 - 17.6
Oklahoma	244	15.0	9.2 - 22.0	117	10.9	5.1 - 19.0 †	127	17.7	10.7 - 26.2
Oregon	80	13.4	5.5 - 24.6 †	44	*		36	12.4	2.6 - 30.4 †
Pennsylvania	1,566	13.2	11.1 - 15.5	691	8.9	6.4 - 12.0	875	16.4	13.6 - 19.5
Rhode Island	58	15.5	6.5 - 28.1 †	36	*		22	16.9	4.0 - 37.4 †
South Carolina	1,518	10.5	8.3 - 13.0	709	6.5	4.2 - 9.5	809	12.6	9.6 - 15.9
Tennessee	1,006	12.5	9.6 - 15.8	451	10.2	7.0 - 14.2 †	555	12.9	8.8 - 17.8 †
Texas	2,890	12.7	11.0 - 14.5	1,353	11.2	9.0 - 13.7	1,537	13.8	11.6 - 16.3
Utah	14	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	219	18.3	12.3 - 25.3 †	135	20.7	13.1 - 29.5 †	84	14.2	6.1 - 25.6 †
WA - Seattle	208	17.7	11.7 - 24.8 †	123	19.3	11.8 - 28.1 †	85	14.6	6.3 - 26.3 †
West Virginia	75	7.3	2.1 - 16.9 †	40	13.7	4.1 - 29.0 †	35	0.0	
Wisconsin	375	11.8	8.0 - 16.5	182	10.1	5.2 - 17.0 †	193	17.4	11.2 - 24.8 †
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Larynx

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	11,471	52.1	50.4 - 53.7	9,110	53.0	51.1 - 54.8	2,361	48.3	44.8 - 51.7
Alabama	433	49.7	41.3 - 57.5	375	49.4	40.5 - 57.6	58	58.9	41.9 - 72.5†
Alaska	*	*		*	*		*	*	
Arizona	47	47.4	27.3 - 65.0†	38	49.1	31.2 - 64.9†	*	*	
Arkansas	160	45.8	34.0 - 56.8†	126	43.6	30.0 - 56.5†	34	*	
California	508	52.4	44.6 - 59.7	411	53.5	45.1 - 61.1	97	45.0	25.5 - 62.6
CA - Greater California	196	62.5	50.0 - 72.7†	164	64.1	50.6 - 74.8†	32	*	
CA - Greater Bay Area	129	32.7	23.8 - 41.9	99	43.3	29.4 - 56.5†	30	*	
CA - Los Angeles	183	49.0	37.3 - 59.6†	148	47.2	34.2 - 59.2†	35	*	
Colorado	35	*		28	*		*	*	
Connecticut	104	51.9	33.1 - 67.7†	82	*		22	*	
Delaware	50	39.7	23.6 - 55.3†	35	25.9	11.0 - 43.7†	15	*	
District of Columbia	122	39.9	26.2 - 53.4	86	49.1	31.2 - 64.7	36	*	
Florida	716	47.5	40.8 - 53.8	611	48.9	41.8 - 55.7	105	38.0	23.4 - 52.4†
Georgia	892	52.1	46.1 - 57.8	741	52.7	47.0 - 58.0†	151	47.3	35.3 - 58.4
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	700	55.9	50.0 - 61.3	528	57.7	50.9 - 63.9	172	46.3	35.2 - 56.7†
Indiana	207	58.9	47.5 - 68.6	159	62.1	50.3 - 71.9†	48	59.0	40.6 - 73.4†
Iowa	25	*		23	*		*	*	
Kansas	50	38.3	19.7 - 56.8†	41	*		*	*	
Kentucky	136	49.6	37.6 - 60.5†	97	54.3	39.7 - 66.8†	39	*	
Louisiana	663	51.4	43.7 - 58.5	536	52.5	44.1 - 60.2	127	48.5	34.1 - 61.4
Maine	*	*		*	*		*	*	
Maryland	412	57.6	48.8 - 65.3	325	59.2	50.7 - 66.8†	87	48.6	30.9 - 64.2
MI - Detroit	379	50.1	41.4 - 58.2	281	53.2	42.6 - 62.7	98	45.3	30.2 - 59.1†
Minnesota	73	63.7	45.5 - 77.3†	52	67.7	44.7 - 82.8†	21	*	
Mississippi	496	50.3	42.0 - 58.1	415	50.5	41.4 - 58.9	81	48.9	33.5 - 62.7†
Missouri	250	56.0	46.3 - 64.6†	184	54.0	42.4 - 64.3†	66	44.9	33.2 - 55.9
Montana	*	*		*	*		*	*	
Nebraska	21	*		16	*		*	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	320	50.7	40.0 - 60.5	230	52.4	40.7 - 62.7	90	*	
New Mexico	*	*		*	*		*	*	
New York	828	48.1	42.9 - 53.1	628	47.1	41.1 - 52.9	200	50.8	40.5 - 60.2
North Carolina	813	55.0	48.3 - 61.2	654	56.3	48.3 - 63.5	159	48.2	37.1 - 58.4
North Dakota	*	*		*	*		*	*	
Ohio	482	55.5	47.1 - 63.1	371	56.4	46.0 - 65.5	111	56.0	42.9 - 67.2†
Oklahoma	76	51.7	36.3 - 65.1†	57	53.9	35.6 - 69.0†	19	*	
Oregon	18	*		17	*		*	*	
Pennsylvania	426	53.9	46.6 - 60.7	320	54.8	46.2 - 62.6	106	46.4	33.7 - 58.2
Rhode Island	10	*		10	*		*	*	
South Carolina	573	47.7	39.7 - 55.2	484	47.6	38.9 - 55.8	89	47.8	29.4 - 64.0
Tennessee	351	39.6	31.4 - 47.7	273	40.5	30.5 - 50.3	78	33.9	20.6 - 47.8
Texas	870	50.6	44.9 - 56.0	697	51.7	46.0 - 57.2†	173	48.3	36.8 - 58.9
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	64	*		50	*		14	*	
WA - Seattle	60	*		47	*		13	*	
West Virginia	20	*		12	*		*	*	
Wisconsin	115	38.0	29.9 - 46.0	94	38.0	29.1 - 46.8	21	*	
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Lung & Bronchus

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	146,486	22.1	21.8 - 22.5	79,679	18.3	17.9 - 18.8	66,807	26.6	26.1 - 27.1
Alabama	4,952	18.0	16.2 - 19.9	3,105	16.0	13.8 - 18.3	1,847	21.1	18.1 - 24.2
Alaska	57	*		32	*		25	*	
Arizona	784	20.9	16.4 - 25.7	426	12.6	7.9 - 18.5	358	31.2	24.5 - 38.1 †
Arkansas	2,136	18.6	16.2 - 21.1 †	1,304	16.5	13.7 - 19.6 †	832	21.3	17.3 - 25.7 †
California	8,676	20.6	19.1 - 22.1	4,444	16.5	14.6 - 18.5	4,232	24.9	22.9 - 27.0
CA - Greater California	3,366	22.2	19.9 - 24.6	1,759	15.7	12.8 - 19.0	1,607	28.5	25.1 - 31.9
CA - Greater Bay Area	1,887	21.1	18.5 - 23.9	987	19.0	15.5 - 22.9	900	26.3	22.3 - 30.5 †
CA - Los Angeles	3,426	18.2	16.2 - 20.4	1,699	15.4	12.6 - 18.3	1,727	19.7	17.1 - 22.6 †
Colorado	525	25.8	20.4 - 31.6	284	17.9	11.0 - 26.1 †	241	32.9	25.3 - 40.6
Connecticut	1,326	28.0	24.5 - 31.6	679	23.3	18.6 - 28.2 †	647	32.8	27.7 - 37.9
Delaware	836	26.9	22.8 - 31.0	411	27.2	21.6 - 33.0	425	26.5	21.1 - 32.1
District of Columbia	1,626	26.9	23.7 - 30.3	791	21.9	17.6 - 26.4	835	31.8	27.4 - 36.3
Florida	8,959	22.4	21.1 - 23.8	5,150	16.8	15.1 - 18.6	3,809	29.4	27.3 - 31.5
Georgia	10,312	19.7	18.5 - 21.0	5,937	16.2	14.6 - 18.0	4,375	24.3	22.4 - 26.3
Hawaii	50	18.7	7.7 - 33.4 †	32	28.2	13.0 - 45.7 †	18	0.0	
Idaho	21	*		19	*		*	*	
Illinois	9,109	22.9	21.5 - 24.3	4,540	19.2	17.3 - 21.1	4,569	26.6	24.6 - 28.6
Indiana	2,580	24.5	21.9 - 27.0	1,312	19.6	16.4 - 22.9	1,268	28.8	25.2 - 32.6
Iowa	321	21.2	15.3 - 27.8 †	183	16.5	10.0 - 24.5 †	138	27.7	17.5 - 38.7 †
Kansas	689	25.8	21.0 - 30.9	403	23.7	17.6 - 30.2	286	27.4	19.2 - 36.2 †
Kentucky	1,828	22.3	19.3 - 25.4	934	16.8	13.4 - 20.6	894	26.3	22.1 - 30.7
Louisiana	6,582	18.0	16.5 - 19.6	4,036	16.1	14.3 - 18.1	2,546	21.1	18.6 - 23.7
Maine	28	*		19	*		*	*	
Maryland	6,213	26.3	24.5 - 28.1	2,969	20.8	18.5 - 23.2	3,244	31.0	28.4 - 33.6
MI - Detroit	4,945	20.8	19.1 - 22.6	2,486	18.0	15.7 - 20.4	2,459	23.8	21.2 - 26.4
Minnesota	751	25.9	21.2 - 30.9	422	22.6	17.6 - 28.0	329	33.7	26.6 - 40.9 †
Mississippi	5,070	16.5	14.9 - 18.2	3,202	14.0	12.0 - 16.2	1,868	20.9	18.1 - 23.9
Missouri	3,475	22.0	19.8 - 24.3	1,797	17.8	15.1 - 20.7	1,678	27.6	24.0 - 31.3
Montana	11	*		*	*		*	*	
Nebraska	308	22.6	16.5 - 29.1 †	160	17.0	10.0 - 25.6 †	148	28.2	18.9 - 38.3 †
New Hampshire	29	*		21	*		*	*	
New Jersey	4,390	21.1	19.2 - 23.1	2,144	17.4	15.0 - 20.0	2,246	24.8	22.1 - 27.7
New Mexico	138	28.7	19.5 - 38.5 †	78	22.9	12.8 - 34.8 †	60	36.3	21.1 - 51.7 †
New York	11,385	23.7	22.5 - 24.9	5,814	19.8	18.3 - 21.4	5,571	27.8	26.1 - 29.6
North Carolina	9,504	23.3	21.9 - 24.7	5,476	19.3	17.4 - 21.3	4,028	28.3	26.2 - 30.4
North Dakota	*	*		*	*		*	*	
Ohio	6,740	23.3	21.7 - 25.0	3,413	18.9	16.8 - 21.1	3,327	28.0	25.6 - 30.5
Oklahoma	1,148	18.0	14.7 - 21.5	652	18.2	13.9 - 22.9	496	17.3	12.9 - 22.4
Oregon	271	22.1	14.0 - 31.3	157	25.8	16.4 - 36.4	114	18.5	7.7 - 32.7 †
Pennsylvania	6,665	27.2	25.5 - 28.9	3,117	21.3	18.9 - 23.7	3,548	32.1	29.8 - 34.5
Rhode Island	231	31.9	24.0 - 40.1	133	30.7	20.5 - 41.5 †	98	33.1	23.2 - 43.2
South Carolina	5,501	21.0	19.2 - 22.8	3,323	17.3	15.2 - 19.5	2,178	26.2	23.4 - 29.2
Tennessee	4,486	20.4	18.5 - 22.3	2,498	17.2	14.7 - 19.7	1,988	24.1	21.3 - 27.1
Texas	11,043	20.4	19.2 - 21.7	6,201	17.8	16.1 - 19.6	4,842	23.4	21.6 - 25.3
Utah	47	21.5	9.1 - 37.2 †	24	23.2	7.9 - 43.1 †	23	*	
Vermont	*	*		*	*		*	*	
Washington	773	28.2	23.6 - 33.1	444	21.2	16.1 - 26.7	329	36.2	28.7 - 43.6
WA - Seattle	726	29.3	24.4 - 34.5	413	22.7	17.1 - 28.8	313	36.0	28.5 - 43.6
West Virginia	324	18.1	12.3 - 24.8 †	199	15.6	8.4 - 24.9 †	125	18.8	11.0 - 28.1
Wisconsin	1,619	26.1	22.7 - 29.5	890	23.7	19.5 - 28.2	729	28.9	24.0 - 34.0
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Melanoma of the Skin**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	2,332	71.1	68.3 - 73.8	1,103	66.8	62.4 - 70.8	1,229	74.8	71.3 - 78.1
Alabama	84	59.5	46.0 - 70.7	36	*		48	*	
Alaska	*	*		*	*		*	*	
Arizona	24	*		13	*		11	*	
Arkansas	38	*		19	*		19	*	
California	158	69.7	60.2 - 77.5	88	62.9	49.4 - 73.7	70	69.3	52.4 - 81.3 †
CA - Greater California	70	70.4	56.3 - 80.7	32	*		38	69.3	46.4 - 83.9 †
CA - Greater Bay Area	31	*		21	*		10	*	
CA - Los Angeles	59	52.5	34.7 - 67.6 †	37	*		22	*	
Colorado	12	*		*	*		*	*	
Connecticut	24	*		11	*		13	*	
Delaware	16	*		*	*		11	*	
District of Columbia	28	*		17	*		11	*	
Florida	248	74.5	65.6 - 81.4	144	69.9	56.2 - 80.1	104	76.8	64.4 - 85.3
Georgia	187	70.8	61.2 - 78.4	78	72.8	59.5 - 82.4	109	68.8	56.7 - 78.1
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	81	63.0	45.6 - 76.2 †	30	*		51	64.6	42.5 - 80.0 †
Indiana	35	70.4	46.1 - 85.3 †	16	*		19	*	
Iowa	*	*		*	*		*	*	
Kansas	12	*		*	*		*	*	
Kentucky	25	*		12	*		13	*	
Louisiana	91	79.5	67.9 - 87.3	40	*		51	80.4	56.3 - 92.1 †
Maine	*	*		*	*		*	*	
Maryland	110	76.2	63.3 - 85.1	58	79.7	57.4 - 91.1 †	52	73.3	55.7 - 84.8
MI - Detroit	50	56.9	43.7 - 68.0	16	*		34	*	
Minnesota	14	*		*	*		10	*	
Mississippi	67	73.3	50.3 - 86.9 †	35	*		32	*	
Missouri	24	*		13	0.0		11	*	
Montana	*	*		*	*		*	*	
Nebraska	*	*		*	*		*	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	77	*		36	*		41	*	
New Mexico	*	*		*	*		*	*	
New York	237	76.5	68.1 - 83.0	102	67.8	52.0 - 79.4	135	82.7	74.1 - 88.7
North Carolina	138	66.8	54.3 - 76.6	73	72.4	60.6 - 81.2	65	69.0	53.0 - 80.5
North Dakota	*	*		*	*		*	*	
Ohio	70	73.5	57.1 - 84.5	28	*		42	*	
Oklahoma	22	*		*	*		13	*	
Oregon	*	*		*	*		*	*	
Pennsylvania	84	72.0	60.0 - 80.9	41	74.2	52.7 - 87.1 †	43	73.9	53.7 - 86.3 †
Rhode Island	*	*		*	*		*	*	
South Carolina	72	62.9	43.6 - 77.2 †	29	*		43	*	
Tennessee	49	70.4	51.7 - 82.9 †	20	*		29	*	
Texas	188	63.3	52.8 - 72.1	86	55.7	42.7 - 66.9	102	71.4	58.5 - 81.0
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	21	*		*	*		12	*	
WA - Seattle	13	*		*	*		*	*	
West Virginia	*	*		*	*		*	*	
Wisconsin	11	*		*	*		*	*	
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Female Breast

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		181,312	81.7	81.3 - 82.1
Alabama	N/A	N/A		N/A	N/A		6,312	81.4	78.9 - 83.6
Alaska	N/A	N/A		N/A	N/A		82	72.9	48.4 - 87.2
Arizona	N/A	N/A		N/A	N/A		982	80.7	74.0 - 85.8
Arkansas	N/A	N/A		N/A	N/A		1,993	82.2	77.3 - 86.2
California	N/A	N/A		N/A	N/A		11,645	82.2	80.7 - 83.7
CA - Greater California	N/A	N/A		N/A	N/A		4,591	82.6	80.1 - 84.8
CA - Greater Bay Area	N/A	N/A		N/A	N/A		2,295	83.3	79.8 - 86.2
CA - Los Angeles	N/A	N/A		N/A	N/A		4,765	80.7	78.3 - 82.9
Colorado	N/A	N/A		N/A	N/A		808	85.0	78.6 - 89.5
Connecticut	N/A	N/A		N/A	N/A		1,853	84.5	80.3 - 87.9
Delaware	N/A	N/A		N/A	N/A		1,085	84.0	77.9 - 88.6
District of Columbia	N/A	N/A		N/A	N/A		1,957	78.9	74.9 - 82.3
Florida	N/A	N/A		N/A	N/A		13,055	81.3	79.7 - 82.8
Georgia	N/A	N/A		N/A	N/A		15,043	81.2	79.6 - 82.7
Hawaii	N/A	N/A		N/A	N/A		79	60.8	51.4 - 69.0
Idaho	N/A	N/A		N/A	N/A		20	*	
Illinois	N/A	N/A		N/A	N/A		9,756	81.9	80.1 - 83.6
Indiana	N/A	N/A		N/A	N/A		2,765	81.2	77.6 - 84.4
Iowa	N/A	N/A		N/A	N/A		287	84.6	76.1 - 90.3
Kansas	N/A	N/A		N/A	N/A		712	79.2	71.7 - 85.0
Kentucky	N/A	N/A		N/A	N/A		1,626	78.1	72.9 - 82.4
Louisiana	N/A	N/A		N/A	N/A		7,289	80.2	77.9 - 82.2
Maine	N/A	N/A		N/A	N/A		35	82.6	59.0 - 93.3 †
Maryland	N/A	N/A		N/A	N/A		9,612	84.8	82.9 - 86.4
MI - Detroit	N/A	N/A		N/A	N/A		5,197	82.3	80.2 - 84.2
Minnesota	N/A	N/A		N/A	N/A		830	78.1	69.1 - 84.7
Mississippi	N/A	N/A		N/A	N/A		5,054	78.5	75.6 - 81.1
Missouri	N/A	N/A		N/A	N/A		3,445	82.7	79.6 - 85.4
Montana	N/A	N/A		N/A	N/A		*	*	
Nebraska	N/A	N/A		N/A	N/A		292	78.9	68.1 - 86.4
New Hampshire	N/A	N/A		N/A	N/A		36	*	
New Jersey	N/A	N/A		N/A	N/A		6,476	79.0	76.8 - 81.0
New Mexico	N/A	N/A		N/A	N/A		144	84.4	73.4 - 91.1
New York	N/A	N/A		N/A	N/A		16,992	80.9	79.7 - 82.2
North Carolina	N/A	N/A		N/A	N/A		11,741	84.4	82.7 - 85.9
North Dakota	N/A	N/A		N/A	N/A		11	*	
Ohio	N/A	N/A		N/A	N/A		6,917	82.0	80.0 - 83.9
Oklahoma	N/A	N/A		N/A	N/A		1,232	82.4	78.0 - 86.0
Oregon	N/A	N/A		N/A	N/A		292	79.9	69.2 - 87.1
Pennsylvania	N/A	N/A		N/A	N/A		6,808	81.3	79.2 - 83.3
Rhode Island	N/A	N/A		N/A	N/A		276	80.7	68.4 - 88.6
South Carolina	N/A	N/A		N/A	N/A		6,833	80.8	78.4 - 82.9
Tennessee	N/A	N/A		N/A	N/A		5,030	80.8	78.0 - 83.2
Texas	N/A	N/A		N/A	N/A		13,872	80.2	78.5 - 81.8
Utah	N/A	N/A		N/A	N/A		57	89.2	67.8 - 96.7 †
Vermont	N/A	N/A		N/A	N/A		13	*	
Washington	N/A	N/A		N/A	N/A		940	84.1	77.6 - 88.8
WA - Seattle	N/A	N/A		N/A	N/A		916	85.4	78.6 - 90.2
West Virginia	N/A	N/A		N/A	N/A		290	82.5	71.3 - 89.6
Wisconsin	N/A	N/A		N/A	N/A		1,526	85.9	80.0 - 90.1
Wyoming	N/A	N/A		N/A	N/A		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Cervix Uteri

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		13,043	55.1	53.9 - 56.3
Alabama	N/A	N/A		N/A	N/A		474	47.7	41.7 - 53.5
Alaska	N/A	N/A		N/A	N/A		*	*	
Arizona	N/A	N/A		N/A	N/A		59	56.7	40.2 - 70.2†
Arkansas	N/A	N/A		N/A	N/A		171	51.6	42.3 - 60.2
California	N/A	N/A		N/A	N/A		667	48.0	42.6 - 53.2
CA - Greater California	N/A	N/A		N/A	N/A		278	52.8	45.1 - 59.8†
CA - Greater Bay Area	N/A	N/A		N/A	N/A		99	53.0	39.5 - 64.8
CA - Los Angeles	N/A	N/A		N/A	N/A		290	44.0	35.9 - 51.8
Colorado	N/A	N/A		N/A	N/A		44	68.2	48.5 - 81.7†
Connecticut	N/A	N/A		N/A	N/A		109	53.2	40.0 - 64.7†
Delaware	N/A	N/A		N/A	N/A		64	64.1	48.7 - 76.0†
District of Columbia	N/A	N/A		N/A	N/A		128	51.9	40.5 - 62.1
Florida	N/A	N/A		N/A	N/A		1,312	60.8	57.2 - 64.2
Georgia	N/A	N/A		N/A	N/A		950	49.7	45.3 - 54.0
Hawaii	N/A	N/A		N/A	N/A		*	*	
Idaho	N/A	N/A		N/A	N/A		*	*	
Illinois	N/A	N/A		N/A	N/A		733	53.9	48.3 - 59.1
Indiana	N/A	N/A		N/A	N/A		188	61.4	52.0 - 69.5
Iowa	N/A	N/A		N/A	N/A		23	*	
Kansas	N/A	N/A		N/A	N/A		43	62.4	44.4 - 76.1†
Kentucky	N/A	N/A		N/A	N/A		103	61.9	47.9 - 73.1†
Louisiana	N/A	N/A		N/A	N/A		590	51.4	45.9 - 56.7
Maine	N/A	N/A		N/A	N/A		*	*	
Maryland	N/A	N/A		N/A	N/A		504	59.8	54.2 - 65.0
MI - Detroit	N/A	N/A		N/A	N/A		311	53.0	44.9 - 60.5
Minnesota	N/A	N/A		N/A	N/A		72	69.7	53.1 - 81.4†
Mississippi	N/A	N/A		N/A	N/A		422	47.0	41.3 - 52.5
Missouri	N/A	N/A		N/A	N/A		248	48.8	40.4 - 56.8†
Montana	N/A	N/A		N/A	N/A		*	*	
Nebraska	N/A	N/A		N/A	N/A		27	*	
New Hampshire	N/A	N/A		N/A	N/A		*	*	
New Jersey	N/A	N/A		N/A	N/A		528	51.4	45.5 - 56.9
New Mexico	N/A	N/A		N/A	N/A		*	*	
New York	N/A	N/A		N/A	N/A		1,395	56.8	53.2 - 60.3
North Carolina	N/A	N/A		N/A	N/A		672	56.2	51.1 - 61.0
North Dakota	N/A	N/A		N/A	N/A		*	*	
Ohio	N/A	N/A		N/A	N/A		390	57.5	50.6 - 63.7
Oklahoma	N/A	N/A		N/A	N/A		69	47.0	30.6 - 61.9
Oregon	N/A	N/A		N/A	N/A		*	*	
Pennsylvania	N/A	N/A		N/A	N/A		516	59.6	54.0 - 64.7
Rhode Island	N/A	N/A		N/A	N/A		17	*	
South Carolina	N/A	N/A		N/A	N/A		446	52.7	46.0 - 59.0
Tennessee	N/A	N/A		N/A	N/A		402	50.5	44.0 - 56.7
Texas	N/A	N/A		N/A	N/A		1,115	53.3	48.8 - 57.5
Utah	N/A	N/A		N/A	N/A		*	*	
Vermont	N/A	N/A		N/A	N/A		*	*	
Washington	N/A	N/A		N/A	N/A		61	72.3	49.7 - 86.1†
WA - Seattle	N/A	N/A		N/A	N/A		54	*	
West Virginia	N/A	N/A		N/A	N/A		12	*	
Wisconsin	N/A	N/A		N/A	N/A		133	59.2	50.5 - 66.8
Wyoming	N/A	N/A		N/A	N/A		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Corpus & Uterus, NOS

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		41,827	59.6	58.8 - 60.4
Alabama	N/A	N/A		N/A	N/A		1,179	55.9	51.3 - 60.3
Alaska	N/A	N/A		N/A	N/A		10	*	
Arizona	N/A	N/A		N/A	N/A		206	57.6	45.2 - 68.1
Arkansas	N/A	N/A		N/A	N/A		446	55.8	48.1 - 62.9
California	N/A	N/A		N/A	N/A		2,732	63.4	60.4 - 66.3
CA - Greater California	N/A	N/A		N/A	N/A		997	61.7	56.5 - 66.4
CA - Greater Bay Area	N/A	N/A		N/A	N/A		584	62.1	55.6 - 67.9
CA - Los Angeles	N/A	N/A		N/A	N/A		1,151	64.5	59.9 - 68.8
Colorado	N/A	N/A		N/A	N/A		153	54.8	41.4 - 66.4
Connecticut	N/A	N/A		N/A	N/A		447	60.6	53.2 - 67.3
Delaware	N/A	N/A		N/A	N/A		254	61.6	51.3 - 70.3
District of Columbia	N/A	N/A		N/A	N/A		499	61.4	53.6 - 68.2
Florida	N/A	N/A		N/A	N/A		3,461	59.3	56.7 - 61.8
Georgia	N/A	N/A		N/A	N/A		3,198	59.0	55.9 - 62.1
Hawaii	N/A	N/A		N/A	N/A		14	*	
Idaho	N/A	N/A		N/A	N/A		*	*	
Illinois	N/A	N/A		N/A	N/A		2,321	57.0	53.6 - 60.3
Indiana	N/A	N/A		N/A	N/A		581	58.5	51.2 - 65.2
Iowa	N/A	N/A		N/A	N/A		73	74.4	57.9 - 85.2†
Kansas	N/A	N/A		N/A	N/A		143	50.5	38.3 - 61.5
Kentucky	N/A	N/A		N/A	N/A		356	58.4	51.0 - 65.1
Louisiana	N/A	N/A		N/A	N/A		1,371	56.6	52.1 - 60.9
Maine	N/A	N/A		N/A	N/A		*	*	
Maryland	N/A	N/A		N/A	N/A		2,189	59.1	55.7 - 62.3
MI - Detroit	N/A	N/A		N/A	N/A		1,229	60.0	55.3 - 64.5
Minnesota	N/A	N/A		N/A	N/A		224	64.9	52.9 - 74.6
Mississippi	N/A	N/A		N/A	N/A		1,072	54.7	49.9 - 59.2
Missouri	N/A	N/A		N/A	N/A		724	58.1	51.9 - 63.9
Montana	N/A	N/A		N/A	N/A		*	*	
Nebraska	N/A	N/A		N/A	N/A		58	62.5	45.1 - 75.8†
New Hampshire	N/A	N/A		N/A	N/A		*	*	
New Jersey	N/A	N/A		N/A	N/A		1,616	57.4	53.5 - 61.2
New Mexico	N/A	N/A		N/A	N/A		29	*	
New York	N/A	N/A		N/A	N/A		4,970	58.6	56.4 - 60.8
North Carolina	N/A	N/A		N/A	N/A		2,458	59.9	56.6 - 63.1
North Dakota	N/A	N/A		N/A	N/A		*	*	
Ohio	N/A	N/A		N/A	N/A		1,506	61.9	57.8 - 65.7
Oklahoma	N/A	N/A		N/A	N/A		253	56.6	44.9 - 66.7
Oregon	N/A	N/A		N/A	N/A		62	70.0	52.4 - 82.2†
Pennsylvania	N/A	N/A		N/A	N/A		1,801	56.3	52.5 - 59.8
Rhode Island	N/A	N/A		N/A	N/A		55	74.1	56.3 - 85.6†
South Carolina	N/A	N/A		N/A	N/A		1,574	60.9	57.1 - 64.5
Tennessee	N/A	N/A		N/A	N/A		1,054	62.8	56.6 - 68.3
Texas	N/A	N/A		N/A	N/A		2,834	59.1	56.0 - 62.1
Utah	N/A	N/A		N/A	N/A		13	*	
Vermont	N/A	N/A		N/A	N/A		*	*	
Washington	N/A	N/A		N/A	N/A		217	64.8	52.0 - 75.0
WA - Seattle	N/A	N/A		N/A	N/A		203	65.5	52.2 - 76.0
West Virginia	N/A	N/A		N/A	N/A		57	79.2	55.4 - 91.2†
Wisconsin	N/A	N/A		N/A	N/A		356	63.3	55.0 - 70.5
Wyoming	N/A	N/A		N/A	N/A		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Ovary

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		N/A	N/A		12,913	35.2	34.0 - 36.4
Alabama	N/A	N/A		N/A	N/A		488	42.2	36.2 - 48.1 †
Alaska	N/A	N/A		N/A	N/A		*	*	
Arizona	N/A	N/A		N/A	N/A		72	41.3	23.3 - 58.4
Arkansas	N/A	N/A		N/A	N/A		144	40.3	29.6 - 50.8 †
California	N/A	N/A		N/A	N/A		901	35.4	30.7 - 40.2
CA - Greater California	N/A	N/A		N/A	N/A		335	36.7	28.7 - 44.7
CA - Greater Bay Area	N/A	N/A		N/A	N/A		188	41.8	32.2 - 51.1 †
CA - Los Angeles	N/A	N/A		N/A	N/A		378	32.6	25.6 - 39.7
Colorado	N/A	N/A		N/A	N/A		44	24.6	8.4 - 45.1 †
Connecticut	N/A	N/A		N/A	N/A		129	42.5	30.5 - 54.1
Delaware	N/A	N/A		N/A	N/A		63	46.9	28.2 - 63.7
District of Columbia	N/A	N/A		N/A	N/A		167	34.6	23.7 - 45.8
Florida	N/A	N/A		N/A	N/A		1,063	35.7	31.3 - 40.1
Georgia	N/A	N/A		N/A	N/A		1,073	34.1	29.9 - 38.3
Hawaii	N/A	N/A		N/A	N/A		*	*	
Idaho	N/A	N/A		N/A	N/A		*	*	
Illinois	N/A	N/A		N/A	N/A		689	38.0	32.7 - 43.2
Indiana	N/A	N/A		N/A	N/A		177	34.3	25.8 - 43.0
Iowa	N/A	N/A		N/A	N/A		22	*	
Kansas	N/A	N/A		N/A	N/A		45	*	
Kentucky	N/A	N/A		N/A	N/A		88	40.9	27.3 - 54.0 †
Louisiana	N/A	N/A		N/A	N/A		475	31.2	25.1 - 37.4
Maine	N/A	N/A		N/A	N/A		*	*	
Maryland	N/A	N/A		N/A	N/A		656	31.3	26.7 - 36.1
MI - Detroit	N/A	N/A		N/A	N/A		379	38.2	30.6 - 45.7
Minnesota	N/A	N/A		N/A	N/A		60	56.2	37.0 - 71.6 †
Mississippi	N/A	N/A		N/A	N/A		326	32.6	26.8 - 38.5
Missouri	N/A	N/A		N/A	N/A		217	32.2	24.7 - 39.8
Montana	N/A	N/A		N/A	N/A		*	*	
Nebraska	N/A	N/A		N/A	N/A		11	*	
New Hampshire	N/A	N/A		N/A	N/A		*	*	
New Jersey	N/A	N/A		N/A	N/A		511	35.6	29.6 - 41.7
New Mexico	N/A	N/A		N/A	N/A		*	*	
New York	N/A	N/A		N/A	N/A		1,389	33.5	30.1 - 36.8
North Carolina	N/A	N/A		N/A	N/A		690	38.1	33.2 - 43.0
North Dakota	N/A	N/A		N/A	N/A		*	*	
Ohio	N/A	N/A		N/A	N/A		389	39.5	32.1 - 46.8
Oklahoma	N/A	N/A		N/A	N/A		95	23.8	14.8 - 34.0
Oregon	N/A	N/A		N/A	N/A		18	*	
Pennsylvania	N/A	N/A		N/A	N/A		458	37.7	31.0 - 44.4
Rhode Island	N/A	N/A		N/A	N/A		14	*	
South Carolina	N/A	N/A		N/A	N/A		430	32.8	27.2 - 38.5
Tennessee	N/A	N/A		N/A	N/A		342	34.9	28.1 - 41.7
Texas	N/A	N/A		N/A	N/A		1,065	33.0	28.8 - 37.3
Utah	N/A	N/A		N/A	N/A		*	*	
Vermont	N/A	N/A		N/A	N/A		*	*	
Washington	N/A	N/A		N/A	N/A		58	22.3	13.5 - 32.5
WA - Seattle	N/A	N/A		N/A	N/A		56	19.4	11.7 - 28.5
West Virginia	N/A	N/A		N/A	N/A		28	14.6	2.8 - 35.5 †
Wisconsin	N/A	N/A		N/A	N/A		102	44.0	30.5 - 56.8 †
Wyoming	N/A	N/A		N/A	N/A		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Prostate

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		208,697	92.6	92.2 - 93.1	N/A	N/A	
Alabama	N/A	N/A		7,624	91.4	89.4 - 93.1	N/A	N/A	
Alaska	N/A	N/A		109	95.8	68.8 - 99.5†	N/A	N/A	
Arizona	N/A	N/A		1,089	93.3	90.1 - 95.5†	N/A	N/A	
Arkansas	N/A	N/A		2,657	90.0	84.8 - 93.5	N/A	N/A	
California	N/A	N/A		12,744	91.1	89.6 - 92.3	N/A	N/A	
CA - Greater California	N/A	N/A		5,391	89.2	86.6 - 91.3	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		2,691	89.9	86.7 - 92.4	N/A	N/A	
CA - Los Angeles	N/A	N/A		4,662	91.5	89.2 - 93.4	N/A	N/A	
Colorado	N/A	N/A		1,020	92.0	87.6 - 94.9	N/A	N/A	
Connecticut	N/A	N/A		2,033	92.5	87.5 - 95.5	N/A	N/A	
Delaware	N/A	N/A		1,403	87.4	83.2 - 90.6	N/A	N/A	
District of Columbia	N/A	N/A		1,746	92.5	88.0 - 95.4	N/A	N/A	
Florida	N/A	N/A		16,201	93.1	91.8 - 94.3	N/A	N/A	
Georgia	N/A	N/A		17,286	91.4	89.8 - 92.7	N/A	N/A	
Hawaii	N/A	N/A		168	79.4	64.4 - 88.6	N/A	N/A	
Idaho	N/A	N/A		53	*		N/A	N/A	
Illinois	N/A	N/A		10,148	90.8	88.8 - 92.4	N/A	N/A	
Indiana	N/A	N/A		2,877	89.6	85.6 - 92.6	N/A	N/A	
Iowa	N/A	N/A		409	84.2	71.1 - 91.7	N/A	N/A	
Kansas	N/A	N/A		872	87.3	82.0 - 91.1	N/A	N/A	
Kentucky	N/A	N/A		1,796	91.4	86.4 - 94.6	N/A	N/A	
Louisiana	N/A	N/A		8,519	91.0	88.4 - 93.0	N/A	N/A	
Maine	N/A	N/A		55	98.5	83.7 - 99.9†	N/A	N/A	
Maryland	N/A	N/A		10,867	95.0	92.7 - 96.6	N/A	N/A	
MI - Detroit	N/A	N/A		5,820	92.8	90.0 - 94.8	N/A	N/A	
Minnesota	N/A	N/A		1,106	97.4	93.3 - 99.0†	N/A	N/A	
Mississippi	N/A	N/A		6,519	93.4	90.0 - 95.7	N/A	N/A	
Missouri	N/A	N/A		3,219	87.1	84.4 - 89.3	N/A	N/A	
Montana	N/A	N/A		26	*		N/A	N/A	
Nebraska	N/A	N/A		482	90.6	82.6 - 95.0	N/A	N/A	
New Hampshire	N/A	N/A		86	*		N/A	N/A	
New Jersey	N/A	N/A		7,848	93.8	91.7 - 95.3	N/A	N/A	
New Mexico	N/A	N/A		226	82.3	66.8 - 91.1†	N/A	N/A	
New York	N/A	N/A		21,677	92.3	91.1 - 93.3	N/A	N/A	
North Carolina	N/A	N/A		13,063	92.7	91.1 - 94.0	N/A	N/A	
North Dakota	N/A	N/A		33	100.0		N/A	N/A	
Ohio	N/A	N/A		7,513	92.2	89.7 - 94.1	N/A	N/A	
Oklahoma	N/A	N/A		1,501	88.1	82.2 - 92.2	N/A	N/A	
Oregon	N/A	N/A		430	89.5	80.9 - 94.4†	N/A	N/A	
Pennsylvania	N/A	N/A		7,152	92.7	90.4 - 94.4	N/A	N/A	
Rhode Island	N/A	N/A		287	92.4	78.3 - 97.4	N/A	N/A	
South Carolina	N/A	N/A		7,680	92.6	90.2 - 94.4	N/A	N/A	
Tennessee	N/A	N/A		5,759	89.6	86.6 - 91.9	N/A	N/A	
Texas	N/A	N/A		14,824	90.5	88.6 - 92.0	N/A	N/A	
Utah	N/A	N/A		132	86.7	68.5 - 94.8	N/A	N/A	
Vermont	N/A	N/A		32	*		N/A	N/A	
Washington	N/A	N/A		1,299	95.6	91.6 - 97.7†	N/A	N/A	
WA - Seattle	N/A	N/A		1,277	96.0	91.7 - 98.1†	N/A	N/A	
West Virginia	N/A	N/A		458	79.1	68.5 - 86.4	N/A	N/A	
Wisconsin	N/A	N/A		1,831	95.2	92.1 - 97.1	N/A	N/A	
Wyoming	N/A	N/A		18	*		N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Testis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	N/A	N/A		2,017	86.0	80.8 - 89.9	N/A	N/A	
Alabama	N/A	N/A		59	70.1	62.0 - 76.8	N/A	N/A	
Alaska	N/A	N/A		*	*		N/A	N/A	
Arizona	N/A	N/A		17	*		N/A	N/A	
Arkansas	N/A	N/A		17	100.0		N/A	N/A	
California	N/A	N/A		154	88.4	81.2 - 92.9†	N/A	N/A	
CA - Greater California	N/A	N/A		79	84.3	72.5 - 91.3†	N/A	N/A	
CA - Greater Bay Area	N/A	N/A		30	100.0		N/A	N/A	
CA - Los Angeles	N/A	N/A		45	86.3	71.6 - 93.7†	N/A	N/A	
Colorado	N/A	N/A		13	*		N/A	N/A	
Connecticut	N/A	N/A		20	*		N/A	N/A	
Delaware	N/A	N/A		*	*		N/A	N/A	
District of Columbia	N/A	N/A		18	95.0	59.7 - 99.5†	N/A	N/A	
Florida	N/A	N/A		155	88.9	81.1 - 93.6†	N/A	N/A	
Georgia	N/A	N/A		150	90.1	82.1 - 94.6†	N/A	N/A	
Hawaii	N/A	N/A		*	*		N/A	N/A	
Idaho	N/A	N/A		*	*		N/A	N/A	
Illinois	N/A	N/A		95	90.5	78.1 - 96.0†	N/A	N/A	
Indiana	N/A	N/A		29	84.9	63.8 - 94.2†	N/A	N/A	
Iowa	N/A	N/A		*	*		N/A	N/A	
Kansas	N/A	N/A		14	100.0		N/A	N/A	
Kentucky	N/A	N/A		18	*		N/A	N/A	
Louisiana	N/A	N/A		79	86.9	82.2 - 90.4	N/A	N/A	
Maine	N/A	N/A		*	*		N/A	N/A	
Maryland	N/A	N/A		92	96.8	89.2 - 99.1†	N/A	N/A	
MI - Detroit	N/A	N/A		52	86.9	73.2 - 93.8†	N/A	N/A	
Minnesota	N/A	N/A		17	100.0		N/A	N/A	
Mississippi	N/A	N/A		64	90.8	75.2 - 96.8†	N/A	N/A	
Missouri	N/A	N/A		39	*		N/A	N/A	
Montana	N/A	N/A		*	*		N/A	N/A	
Nebraska	N/A	N/A		*	*		N/A	N/A	
New Hampshire	N/A	N/A		*	*		N/A	N/A	
New Jersey	N/A	N/A		70	93.2	68.4 - 98.7†	N/A	N/A	
New Mexico	N/A	N/A		*	*		N/A	N/A	
New York	N/A	N/A		216	92.2	85.9 - 95.7†	N/A	N/A	
North Carolina	N/A	N/A		132	89.3	79.8 - 94.5†	N/A	N/A	
North Dakota	N/A	N/A		*	*		N/A	N/A	
Ohio	N/A	N/A		67	86.1	73.9 - 92.8†	N/A	N/A	
Oklahoma	N/A	N/A		18	*		N/A	N/A	
Oregon	N/A	N/A		12	*		N/A	N/A	
Pennsylvania	N/A	N/A		73	91.9	81.6 - 96.5†	N/A	N/A	
Rhode Island	N/A	N/A		*	*		N/A	N/A	
South Carolina	N/A	N/A		47	87.2	68.7 - 95.1†	N/A	N/A	
Tennessee	N/A	N/A		60	90.6	73.1 - 97.0†	N/A	N/A	
Texas	N/A	N/A		143	86.8	77.9 - 92.3†	N/A	N/A	
Utah	N/A	N/A		*	*		N/A	N/A	
Vermont	N/A	N/A		*	*		N/A	N/A	
Washington	N/A	N/A		22	*		N/A	N/A	
WA - Seattle	N/A	N/A		18	*		N/A	N/A	
West Virginia	N/A	N/A		*	*		N/A	N/A	
Wisconsin	N/A	N/A		17	100.0		N/A	N/A	
Wyoming	N/A	N/A		*	*		N/A	N/A	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Urinary Bladder (incl. in situ)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	27,364	64.6	63.6 - 65.5	18,526	67.8	66.6 - 68.9	8,838	57.4	55.8 - 59.0
Alabama	902	60.6	55.1 - 65.6	603	61.5	54.4 - 67.8	299	57.6	48.6 - 65.5
Alaska	14	*		11	*		*	*	
Arizona	188	68.3	56.6 - 77.4	130	70.8	55.1 - 81.9	58	59.8	39.1 - 75.5 †
Arkansas	292	65.4	57.4 - 72.3	207	71.4	60.7 - 79.6	85	51.5	36.3 - 64.7 †
California	1,988	63.3	59.7 - 66.7	1,437	65.0	60.6 - 69.0	551	57.9	51.5 - 63.8
CA - Greater California	799	63.1	57.4 - 68.2	588	64.3	57.6 - 70.3	211	56.5	46.2 - 65.6
CA - Greater Bay Area	411	61.5	53.6 - 68.4	292	61.3	51.4 - 69.7	119	53.8	41.5 - 64.6 †
CA - Los Angeles	779	60.9	54.8 - 66.5	558	63.0	55.5 - 69.6	221	56.4	45.7 - 65.8 †
Colorado	136	56.3	42.1 - 68.3	107	60.2	45.2 - 72.3	29	*	
Connecticut	287	58.0	50.0 - 65.3	186	60.9	50.6 - 69.6	101	50.5	38.6 - 61.2
Delaware	195	68.4	58.4 - 76.6	133	69.8	54.6 - 80.7	62	62.0	48.1 - 73.2
District of Columbia	349	62.8	53.4 - 70.8 †	215	68.9	55.9 - 78.8 †	134	53.1	39.1 - 65.2 †
Florida	1,769	61.4	57.5 - 65.0	1,215	64.4	59.6 - 68.8	554	53.5	46.6 - 60.0 †
Georgia	1,884	59.0	55.1 - 62.7	1,246	60.6	55.8 - 65.1	638	54.0	47.3 - 60.2 †
Hawaii	29	*		24	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,464	63.7	59.6 - 67.6	987	69.3	64.2 - 73.8	477	51.3	44.1 - 58.1
Indiana	465	69.3	62.4 - 75.1	318	74.4	65.7 - 81.1	147	52.7	39.8 - 64.1
Iowa	61	51.7	32.8 - 67.7 †	47	*		14	*	
Kansas	146	70.3	57.5 - 79.8	111	72.5	57.3 - 83.0	35	*	
Kentucky	247	62.5	52.9 - 70.7	170	65.0	53.7 - 74.2	77	56.8	37.7 - 72.1 †
Louisiana	1,026	67.6	62.5 - 72.1	705	73.6	67.5 - 78.7	321	54.1	45.7 - 61.7 †
Maine	*	*		*	*		*	*	
Maryland	1,401	67.1	62.9 - 70.9	923	69.4	64.0 - 74.2	478	62.0	55.5 - 67.9
MI - Detroit	900	64.8	59.8 - 69.3	590	69.7	62.8 - 75.5	310	56.0	47.9 - 63.3 †
Minnesota	158	56.4	45.2 - 66.2	119	58.6	45.5 - 69.6	39	*	
Mississippi	681	59.9	53.1 - 66.1	466	67.5	59.0 - 74.7	215	41.9	30.0 - 53.2 †
Missouri	550	66.4	59.3 - 72.6	358	68.9	59.5 - 76.5	192	57.6	45.8 - 67.7
Montana	*	*		*	*		*	*	
Nebraska	62	70.6	48.6 - 84.5 †	40	*		22	*	
New Hampshire	10	*		*	*		*	*	
New Jersey	1,004	61.9	56.3 - 66.9	672	63.2	56.2 - 69.3	332	60.0	51.6 - 67.4 †
New Mexico	37	*		29	*		*	*	
New York	2,594	64.8	61.8 - 67.7	1,717	66.4	62.4 - 70.0	877	60.9	56.0 - 65.4
North Carolina	1,774	64.1	60.3 - 67.7	1,156	65.6	60.6 - 70.1	618	59.9	53.9 - 65.3
North Dakota	*	*		*	*		*	*	
Ohio	1,192	66.6	62.0 - 70.7	818	69.0	63.4 - 73.9	374	60.2	52.3 - 67.2
Oklahoma	212	72.3	61.0 - 80.8 †	141	79.5	64.2 - 88.8 †	71	56.7	42.4 - 68.7
Oregon	67	68.6	50.7 - 81.2 †	48	65.0	42.5 - 80.6 †	19	*	
Pennsylvania	1,289	64.1	59.3 - 68.4	868	67.2	61.0 - 72.6	421	56.3	48.4 - 63.4
Rhode Island	38	*		24	*		14	*	
South Carolina	928	67.1	62.2 - 71.6	588	68.8	62.5 - 74.3	340	62.4	54.5 - 69.3
Tennessee	668	63.2	56.7 - 69.1	446	65.9	57.8 - 72.8	222	56.8	46.2 - 66.1 †
Texas	1,793	61.9	58.3 - 65.3	1,250	64.6	60.2 - 68.6	543	55.1	48.9 - 60.9
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	204	62.3	51.6 - 71.3	155	64.2	50.7 - 74.9	49	55.9	36.2 - 71.6 †
WA - Seattle	189	63.5	53.1 - 72.2	139	67.7	52.8 - 78.8	50	53.7	34.0 - 69.8 †
West Virginia	51	71.7	53.4 - 83.9 †	39	*		12	*	
Wisconsin	279	69.1	57.7 - 77.9	200	73.6	59.0 - 83.7	79	51.9	31.2 - 69.1 †
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Kidney & Renal Pelvis

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	46,110	72.4	71.6 - 73.2	27,737	71.3	70.1 - 72.5	18,373	74.3	73.1 - 75.4
Alabama	1,600	70.9	66.1 - 75.1	959	73.0	66.8 - 78.1	641	66.4	59.0 - 72.7
Alaska	17	*		*	*		10	*	
Arizona	292	74.5	64.6 - 82.0	207	75.8	63.8 - 84.3	85	73.2	59.9 - 82.8†
Arkansas	593	70.6	63.9 - 76.2	346	65.7	56.0 - 73.7	247	75.3	62.3 - 84.4
California	2,952	73.7	70.5 - 76.7	1,826	75.2	71.4 - 78.6	1,126	71.5	66.7 - 75.7
CA - Greater California	1,274	72.4	66.8 - 77.1	791	74.0	66.2 - 80.3	483	70.3	62.5 - 76.7
CA - Greater Bay Area	645	70.7	64.8 - 75.7	408	69.9	62.3 - 76.2	237	69.1	59.5 - 76.9
CA - Los Angeles	1,035	74.6	68.9 - 79.4	629	76.5	68.3 - 82.8	406	72.2	63.9 - 78.8
Colorado	219	73.0	59.7 - 82.6	155	77.4	55.8 - 89.4	64	69.2	52.6 - 81.0
Connecticut	399	72.1	63.0 - 79.3	263	70.1	55.1 - 80.9	136	71.2	58.4 - 80.7
Delaware	269	71.7	61.1 - 79.9	162	72.3	55.9 - 83.4	107	74.6	59.3 - 84.8†
District of Columbia	409	66.7	58.0 - 74.1	245	67.4	53.5 - 78.0	164	63.6	53.7 - 71.9
Florida	2,879	72.4	69.5 - 75.2	1,709	70.7	66.7 - 74.2	1,170	73.4	68.8 - 77.5
Georgia	3,459	69.2	65.8 - 72.2	2,043	66.3	62.2 - 70.2	1,416	71.6	66.7 - 75.9
Hawaii	20	80.5	55.1 - 92.4†	17	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	2,455	71.9	68.1 - 75.3	1,498	69.9	65.3 - 74.1	957	73.3	67.8 - 78.0
Indiana	758	65.8	57.8 - 72.7	478	68.1	55.5 - 77.9	280	62.2	50.6 - 71.8
Iowa	118	57.9	41.3 - 71.3	61	69.0	48.4 - 82.7†	57	*	
Kansas	196	74.6	63.3 - 82.8	124	69.8	54.6 - 80.8	72	76.3	61.8 - 85.9
Kentucky	541	73.5	65.2 - 80.0	315	65.8	56.2 - 73.8	226	79.4	66.4 - 87.8
Louisiana	1,947	68.0	64.0 - 71.8	1,151	64.9	59.3 - 70.0	796	71.6	65.6 - 76.7
Maine	*	*		*	*		*	*	
Maryland	2,060	75.1	71.2 - 78.6	1,190	73.9	67.8 - 79.0	870	75.9	70.5 - 80.5
MI - Detroit	1,325	67.9	63.3 - 72.0	790	66.5	60.3 - 71.9	535	70.3	63.4 - 76.2
Minnesota	282	66.6	55.6 - 75.5	186	62.5	46.5 - 74.9	96	78.5	64.9 - 87.3†
Mississippi	1,611	71.4	66.4 - 75.7	921	68.4	60.8 - 74.9	690	72.9	66.8 - 78.1
Missouri	951	69.1	63.7 - 73.8	534	65.8	57.3 - 73.0	417	72.0	64.7 - 78.0
Montana	*	*		*	*		*	*	
Nebraska	126	73.7	55.5 - 85.4	88	73.2	51.8 - 86.2	38	*	
New Hampshire	12	*		*	*		*	*	
New Jersey	1,442	71.4	67.0 - 75.3	883	70.4	64.0 - 75.9	559	71.4	65.0 - 76.9
New Mexico	44	*		32	*		12	*	
New York	3,728	72.5	69.7 - 75.1	2,311	69.9	65.5 - 73.8	1,417	74.7	71.1 - 77.8
North Carolina	2,933	72.0	68.8 - 74.9	1,709	70.5	65.1 - 75.2	1,224	73.8	69.6 - 77.5
North Dakota	*	*		*	*		*	*	
Ohio	1,826	77.5	73.5 - 80.9	1,118	77.0	72.3 - 81.1	708	77.0	71.1 - 81.8
Oklahoma	364	72.8	64.4 - 79.5	221	69.2	57.3 - 78.4	143	76.0	64.4 - 84.3
Oregon	107	58.6	40.9 - 72.7	75	58.5	39.2 - 73.6†	32	70.5	46.2 - 85.4†
Pennsylvania	2,010	72.9	68.5 - 76.8	1,214	71.8	65.0 - 77.5	796	71.3	65.1 - 76.6
Rhode Island	64	73.0	53.1 - 85.6†	39	*		25	*	
South Carolina	1,718	74.0	69.8 - 77.8	1,023	71.5	64.1 - 77.6	695	77.0	71.1 - 81.9
Tennessee	1,472	72.4	68.0 - 76.3	852	71.2	63.7 - 77.5	620	71.8	66.0 - 76.8
Texas	3,937	72.5	69.7 - 75.1	2,352	68.6	64.5 - 72.4	1,585	77.2	73.1 - 80.9
Utah	14	*		13	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	334	66.7	55.4 - 75.7	218	64.8	51.0 - 75.6	116	78.1	62.0 - 88.0†
WA - Seattle	321	68.9	56.9 - 78.1	212	65.1	49.2 - 77.0	109	79.9	62.9 - 89.7†
West Virginia	79	60.3	42.0 - 74.5†	57	35.8	21.9 - 50.0	22	*	
Wisconsin	510	73.2	63.5 - 80.7	306	69.3	53.7 - 80.5	204	73.0	59.9 - 82.4
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Brain & Other Nervous System (invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	9,007	30.8	29.6 - 31.9	4,868	28.3	26.7 - 29.8	4,139	33.8	32.1 - 35.5
Alabama	326	27.5	21.3 - 34.1 †	172	20.9	15.0 - 27.5	154	30.9	21.8 - 40.5 †
Alaska	*	*		*	*		*	*	
Arizona	61	29.8	15.9 - 45.1 †	31	*		30	*	
Arkansas	108	27.3	20.5 - 34.5	62	32.9	18.2 - 48.5 †	46	25.1	11.4 - 41.4 †
California	604	34.9	30.5 - 39.3	355	30.6	24.4 - 37.0 †	249	39.4	32.8 - 46.0
CA - Greater California	262	32.6	25.5 - 39.9 †	157	28.6	19.6 - 38.4 †	105	37.7	26.9 - 48.5 †
CA - Greater Bay Area	128	36.6	27.9 - 45.4	74	34.8	22.4 - 47.6 †	54	32.3	18.4 - 47.0 †
CA - Los Angeles	214	36.0	29.2 - 42.8	124	33.6	24.4 - 43.0	90	34.0	22.3 - 46.1 †
Colorado	44	33.3	17.0 - 50.5 †	30	*		14	*	
Connecticut	102	18.3	9.2 - 29.8 †	55	23.2	10.6 - 38.7 †	47	12.7	2.9 - 30.1 †
Delaware	49	*		21	*		28	*	
District of Columbia	90	28.3	17.8 - 39.7 †	48	27.6	13.2 - 44.1 †	42	28.6	14.3 - 44.6 †
Florida	768	35.2	31.2 - 39.2	409	34.7	29.1 - 40.4	359	38.3	31.6 - 44.9 †
Georgia	671	30.4	26.2 - 34.8	346	30.1	24.5 - 35.9	325	31.9	25.7 - 38.2
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	426	31.3	26.3 - 36.5	242	29.0	23.1 - 35.1	184	34.1	26.1 - 42.2
Indiana	143	31.1	23.0 - 39.5	74	30.4	18.6 - 43.1 †	69	34.8	21.4 - 48.7 †
Iowa	20	*		11	*		*	*	
Kansas	32	46.5	27.4 - 63.6 †	20	*		12	*	
Kentucky	85	26.5	13.0 - 42.0 †	46	*		39	*	
Louisiana	304	26.5	20.2 - 33.3	178	22.5	15.0 - 31.0	126	31.7	22.5 - 41.2 †
Maine	*	*		*	*		*	*	
Maryland	398	28.6	23.2 - 34.1	219	24.5	17.3 - 32.5 †	179	32.3	24.4 - 40.3
MI - Detroit	234	23.8	18.4 - 29.6	113	19.3	9.6 - 31.6 †	121	35.3	24.3 - 46.4 †
Minnesota	77	42.4	28.1 - 56.0 †	45	35.6	18.1 - 53.5 †	32	*	
Mississippi	246	28.7	22.7 - 34.9	127	30.9	22.6 - 39.6	119	26.8	18.7 - 35.6
Missouri	159	29.9	22.7 - 37.3	80	25.1	16.5 - 34.5	79	32.6	18.8 - 47.2 †
Montana	*	*		*	*		*	*	
Nebraska	22	*		*	*		14	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	334	30.1	23.8 - 36.7 †	178	28.4	20.1 - 37.4 †	156	29.2	22.1 - 36.5
New Mexico	*	*		*	*		*	*	
New York	843	31.5	27.4 - 35.7 †	462	30.4	24.5 - 36.5 †	381	33.3	28.1 - 38.6
North Carolina	560	29.7	25.2 - 34.3	291	24.7	18.5 - 31.3 †	269	33.8	27.1 - 40.7
North Dakota	*	*		*	*		*	*	
Ohio	363	26.2	21.4 - 31.2	206	23.1	15.9 - 31.2 †	157	33.2	24.2 - 42.4 †
Oklahoma	60	27.1	15.4 - 40.1 †	33	*		27	*	
Oregon	26	*		15	*		11	*	
Pennsylvania	349	34.6	28.2 - 41.1 †	200	33.0	24.4 - 41.9 †	149	42.1	32.9 - 51.1
Rhode Island	17	*		*	*		11	*	
South Carolina	308	29.3	23.5 - 35.3	151	20.4	12.2 - 30.0 †	157	34.4	26.7 - 42.2
Tennessee	244	29.2	21.8 - 37.0 †	133	23.6	15.7 - 32.4	111	33.1	23.0 - 43.5 †
Texas	741	32.8	28.8 - 36.8	387	31.6	25.8 - 37.5 †	354	32.4	27.0 - 37.9
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	66	32.4	19.5 - 46.0 †	40	26.6	12.7 - 42.8 †	26	*	
WA - Seattle	60	30.5	17.4 - 44.8 †	36	21.3	8.4 - 38.0 †	24	*	
West Virginia	13	*		*	*		*	*	
Wisconsin	74	37.3	20.0 - 54.7 †	37	*		37	*	
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Brain & Other Nervous System (non-invasive)

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	33,381	87.2	86.6 - 87.8	9,659	83.2	81.9 - 84.4	23,722	88.9	88.2 - 89.5
Alabama	770	90.0	85.7 - 93.0	220	84.6	76.1 - 90.3	550	90.4	85.2 - 93.8
Alaska	19	*		*	*		13	*	
Arizona	193	84.7	77.3 - 89.9	66	82.8	65.6 - 91.9†	127	87.4	79.5 - 92.4
Arkansas	384	89.2	82.8 - 93.3	126	84.2	72.5 - 91.2	258	90.3	82.9 - 94.6
California	2,000	85.8	83.0 - 88.2	599	79.4	73.2 - 84.3	1,401	88.2	85.2 - 90.7
CA - Greater California	879	84.8	80.3 - 88.3	292	77.1	67.4 - 84.3	587	87.9	83.1 - 91.3
CA - Greater Bay Area	428	87.6	82.1 - 91.5	125	79.5	63.8 - 88.9	303	90.0	84.3 - 93.7
CA - Los Angeles	694	85.0	79.6 - 89.0	182	81.1	71.6 - 87.7	512	85.9	79.6 - 90.3
Colorado	231	90.0	82.9 - 94.3	71	78.8	68.7 - 86.0	160	93.3	86.2 - 96.8
Connecticut	265	87.6	77.6 - 93.3	91	86.2	63.0 - 95.3†	174	88.2	78.0 - 93.8
Delaware	150	79.2	67.7 - 87.0	47	*		103	81.2	70.5 - 88.3
District of Columbia	304	90.2	85.1 - 93.6	89	86.3	76.7 - 92.1	215	91.3	85.3 - 94.9
Florida	2,985	87.4	85.3 - 89.2	856	83.5	79.2 - 87.0	2,129	88.8	86.4 - 90.8
Georgia	2,759	86.4	84.0 - 88.4	769	79.5	73.9 - 84.0	1,990	88.3	85.9 - 90.3
Hawaii	19	89.5	61.7 - 97.5†	*	*		10	*	
Idaho	*	*		*	*		*	*	
Illinois	1,601	88.5	85.8 - 90.7	426	86.2	80.0 - 90.6	1,175	88.8	85.6 - 91.3
Indiana	490	83.8	78.3 - 88.0	144	77.2	65.9 - 85.2	346	86.0	79.8 - 90.4
Iowa	80	90.5	76.6 - 96.3	24	*		56	90.1	74.7 - 96.4
Kansas	142	87.0	73.3 - 94.0	53	*		89	95.5	89.2 - 98.1
Kentucky	376	88.7	82.7 - 92.7	88	89.3	76.9 - 95.2	288	89.0	82.0 - 93.3
Louisiana	1,283	83.2	79.7 - 86.1	391	76.4	68.9 - 82.3	892	85.4	81.6 - 88.4
Maine	12	*		*	*		*	*	
Maryland	1,521	86.9	83.9 - 89.5	453	83.5	76.8 - 88.4	1,068	88.3	84.9 - 91.0
MI - Detroit	1,015	84.8	81.0 - 87.9	275	75.6	67.3 - 82.0	740	87.4	83.4 - 90.5
Minnesota	152	79.3	66.5 - 87.7	61	76.3	50.0 - 89.9	91	86.7	73.3 - 93.6†
Mississippi	795	85.3	80.6 - 89.0	227	81.9	71.8 - 88.6	568	86.1	80.6 - 90.2
Missouri	703	83.0	77.9 - 87.1	191	72.8	62.0 - 81.0	512	86.0	80.3 - 90.2
Montana	*	*		*	*		*	*	
Nebraska	63	85.7	61.3 - 95.3†	13	*		50	*	
New Hampshire	16	*		*	*		13	*	
New Jersey	1,169	86.4	82.6 - 89.4	370	84.7	78.5 - 89.2	799	85.7	81.0 - 89.3
New Mexico	25	*		11	*		14	*	
New York	3,144	84.9	82.6 - 86.8	936	80.9	76.1 - 84.8	2,208	86.5	84.1 - 88.6
North Carolina	2,043	86.6	83.8 - 88.9	605	80.9	74.9 - 85.6	1,438	88.5	85.4 - 90.9
North Dakota	*	*		*	*		*	*	
Ohio	1,045	86.2	82.6 - 89.1	300	79.8	71.7 - 85.8	745	88.3	84.3 - 91.3
Oklahoma	220	86.0	78.2 - 91.1	65	77.9	61.8 - 87.9	155	87.9	79.9 - 92.9
Oregon	51	*		14	*		37	*	
Pennsylvania	1,408	90.2	87.2 - 92.6	410	87.0	80.7 - 91.4	998	90.7	87.2 - 93.3
Rhode Island	40	84.1	55.6 - 95.0†	16	93.9	62.7 - 99.1†	24	*	
South Carolina	1,139	87.6	84.1 - 90.3	284	79.3	70.9 - 85.6	855	89.4	85.6 - 92.3
Tennessee	877	84.6	80.4 - 87.9	248	78.2	68.5 - 85.3	629	86.0	81.5 - 89.4
Texas	3,070	87.8	85.6 - 89.6	847	84.3	79.6 - 88.1	2,223	88.7	86.2 - 90.8
Utah	26	*		12	*		14	*	
Vermont	*	*		*	*		*	*	
Washington	308	87.1	80.0 - 91.8	111	74.1	66.5 - 80.2	197	90.2	81.7 - 94.8
WA - Seattle	298	85.3	77.8 - 90.4	110	76.5	63.8 - 85.2	188	89.5	80.3 - 94.6
West Virginia	46	*		20	*		26	*	
Wisconsin	424	87.8	81.4 - 92.1	102	68.6	51.5 - 80.8†	322	92.8	85.4 - 96.5
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Thyroid

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	24,267	94.6	93.9 - 95.2	4,585	89.8	87.6 - 91.6	19,682	95.3	94.6 - 96.0
Alabama	591	91.1	85.1 - 94.7	119	84.6	75.0 - 90.7	472	91.2	83.7 - 95.4
Alaska	16	100.0		*	*		11	100.0	
Arizona	180	95.9	84.8 - 98.9	38	95.3	78.0 - 99.1 †	142	96.9	85.4 - 99.4
Arkansas	239	91.4	76.9 - 97.0	52	98.2	85.3 - 99.8 †	187	92.7	83.9 - 96.8 †
California	1,323	92.1	88.5 - 94.6	311	85.1	76.2 - 90.9	1,012	93.3	90.0 - 95.6
CA - Greater California	583	92.2	87.1 - 95.4	144	71.2	60.7 - 79.4	439	94.4	89.1 - 97.1
CA - Greater Bay Area	197	89.2	79.4 - 94.5	49	81.4	55.8 - 93.0 †	148	90.6	79.8 - 95.8
CA - Los Angeles	543	91.2	86.2 - 94.4	118	86.7	76.1 - 92.8	425	90.7	84.0 - 94.6
Colorado	137	97.4	89.1 - 99.4 †	32	92.9	66.9 - 98.7 †	105	98.9	82.3 - 99.9 †
Connecticut	303	83.1	73.7 - 89.4	60	72.7	50.0 - 86.4 †	243	85.8	75.1 - 92.2
Delaware	165	95.0	79.4 - 98.8	29	*		136	95.8	75.1 - 99.4
District of Columbia	264	90.4	82.3 - 94.9	59	85.3	68.7 - 93.5	205	91.0	80.9 - 95.9
Florida	1,810	92.4	89.4 - 94.6	324	86.6	77.8 - 92.1	1,486	93.2	90.0 - 95.4
Georgia	1,780	92.1	88.4 - 94.6	296	82.5	74.4 - 88.2	1,484	93.2	88.9 - 95.9
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,097	92.9	89.6 - 95.1	201	89.0	78.8 - 94.4	896	92.8	88.5 - 95.5
Indiana	304	93.9	84.8 - 97.6	67	86.4	69.9 - 94.2 †	237	95.5	87.9 - 98.3
Iowa	47	90.9	72.1 - 97.3 †	10	*		37	90.1	67.7 - 97.2 †
Kansas	124	91.6	73.1 - 97.6	30	*		94	92.6	70.3 - 98.3
Kentucky	275	89.4	81.0 - 94.2	41	97.7	83.1 - 99.7 †	234	86.4	77.6 - 91.9
Louisiana	958	91.4	87.0 - 94.4	178	90.0	78.1 - 95.6 †	780	92.3	87.3 - 95.4
Maine	*	*		*	*		*	*	
Maryland	1,315	94.3	90.2 - 96.8	270	88.5	76.1 - 94.6	1,045	94.5	90.7 - 96.8
MI - Detroit	707	89.3	83.4 - 93.2	139	82.3	65.9 - 91.3	568	89.4	83.1 - 93.4
Minnesota	199	97.0	92.5 - 98.8 †	48	96.0	82.7 - 99.1 †	151	97.0	91.7 - 98.9 †
Mississippi	556	91.3	86.1 - 94.6	96	92.7	82.0 - 97.1 †	460	91.5	85.6 - 95.1
Missouri	374	94.4	88.0 - 97.4 †	65	77.3	63.3 - 86.5	309	94.9	88.4 - 97.8 †
Montana	*	*		*	*		*	*	
Nebraska	56	88.5	71.0 - 95.7	14	*		42	90.4	69.4 - 97.2 †
New Hampshire	*	*		*	*		*	*	
New Jersey	948	94.1	90.1 - 96.5	170	87.8	78.0 - 93.4	778	95.4	90.3 - 97.8
New Mexico	25	92.3	65.3 - 98.5 †	*	*		18	*	
New York	2,730	93.8	91.4 - 95.6	458	84.4	76.0 - 90.0	2,272	94.9	92.1 - 96.7
North Carolina	1,408	94.1	91.4 - 96.0	255	86.6	75.5 - 93.0	1,153	94.9	91.9 - 96.8
North Dakota	*	*		*	*		*	*	
Ohio	1,093	94.6	89.8 - 97.2	197	84.8	73.3 - 91.6	896	96.5	90.6 - 98.7
Oklahoma	166	87.7	77.8 - 93.4	35	84.4	59.5 - 94.6 †	131	94.0	82.0 - 98.1 †
Oregon	59	98.4	88.0 - 99.8 †	10	*		49	100.0	
Pennsylvania	1,302	96.1	92.2 - 98.1	233	92.1	81.9 - 96.7	1,069	96.3	91.1 - 98.5
Rhode Island	63	83.5	66.3 - 92.4	21	*		42	97.9	76.9 - 99.8 †
South Carolina	794	96.6	91.6 - 98.6	156	90.9	78.7 - 96.2	638	97.3	94.6 - 98.7
Tennessee	552	91.0	83.7 - 95.2	92	82.5	67.3 - 91.1 †	460	93.3	87.2 - 96.6
Texas	1,786	94.4	92.1 - 96.0	356	86.0	74.6 - 92.5	1,430	95.0	92.5 - 96.6
Utah	16	100.0		*	*		12	100.0	
Vermont	*	*		*	*		*	*	
Washington	172	88.4	78.0 - 94.1	37	*		135	89.5	79.1 - 94.9
WA - Seattle	170	85.9	75.2 - 92.2	36	*		134	86.8	77.0 - 92.7
West Virginia	51	82.1	54.4 - 93.8	15	*		36	*	
Wisconsin	234	90.1	79.8 - 95.3	44	87.3	60.9 - 96.4 †	190	91.1	81.0 - 95.9
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	7,190	83.9	82.4 - 85.2	3,836	83.0	80.9 - 84.9	3,354	85.1	83.3 - 86.8
Alabama	224	80.9	76.3 - 84.7	122	88.0	79.5 - 93.1 †	102	82.2	76.0 - 86.9
Alaska	*	*		*	*		*	*	
Arizona	67	75.5	58.1 - 86.5 †	39	*		28	84.0	59.7 - 94.3 †
Arkansas	86	87.0	74.4 - 93.7 †	51	81.9	63.3 - 91.6 †	35	94.4	78.5 - 98.6 †
California	402	75.0	70.5 - 78.8	218	78.9	70.5 - 85.2 †	184	85.0	77.5 - 90.2 †
CA - Greater California	184	70.4	63.3 - 76.4	102	78.8	67.4 - 86.6 †	82	82.4	68.4 - 90.6 †
CA - Greater Bay Area	84	90.0	79.4 - 95.3 †	50	89.2	73.3 - 95.9 †	34	90.9	72.7 - 97.2 †
CA - Los Angeles	134	76.2	63.6 - 85.0 †	66	66.0	43.8 - 81.2 †	68	84.2	70.9 - 91.8 †
Colorado	40	92.8	75.0 - 98.1 †	26	92.9	69.0 - 98.5 †	14	*	
Connecticut	91	81.8	70.2 - 89.3	50	85.8	71.8 - 93.2 †	41	79.1	54.8 - 91.3 †
Delaware	44	86.8	63.6 - 95.6 †	27	*		17	94.0	62.1 - 99.2 †
District of Columbia	62	76.6	59.5 - 87.2 †	30	*		32	80.9	60.5 - 91.5 †
Florida	616	82.6	78.0 - 86.4	319	80.9	74.4 - 85.8 †	297	86.5	80.4 - 90.8
Georgia	555	80.8	75.9 - 84.8	298	82.9	76.2 - 87.8 †	257	85.1	78.6 - 89.8 †
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	356	80.7	74.9 - 85.2	195	81.8	72.6 - 88.2	161	78.6	70.2 - 84.8
Indiana	93	86.7	75.5 - 93.0 †	56	86.6	71.2 - 94.1 †	37	86.5	65.4 - 95.2 †
Iowa	26	96.2	68.4 - 99.6 †	14	100.0		12	*	
Kansas	24	100.0		16	100.0		*	*	
Kentucky	73	80.8	67.2 - 89.2 †	41	75.6	56.4 - 87.3 †	32	88.2	65.2 - 96.4 †
Louisiana	243	78.4	73.2 - 82.6	136	85.1	76.6 - 90.7 †	107	81.0	72.8 - 87.0
Maine	*	*		*	*		*	*	
Maryland	343	88.3	81.3 - 92.8	171	87.0	74.2 - 93.7	172	88.5	78.9 - 93.9 †
MI - Detroit	182	77.9	67.4 - 85.3	96	81.1	67.5 - 89.4 †	86	80.7	69.6 - 88.0
Minnesota	49	90.9	76.2 - 96.7 †	34	92.9	71.8 - 98.4 †	15	*	
Mississippi	180	74.5	66.6 - 80.9	91	71.9	60.3 - 80.6	89	84.8	66.9 - 93.5 †
Missouri	139	88.3	78.3 - 93.9 †	69	91.6	75.2 - 97.3 †	70	84.7	68.5 - 93.0 †
Montana	*	*		*	*		*	*	
Nebraska	20	100.0		*	*		17	100.0	
New Hampshire	*	*		*	*		*	*	
New Jersey	270	85.7	78.0 - 90.9	142	86.4	77.2 - 92.1 †	128	85.4	74.2 - 92.0
New Mexico	*	*		*	*		*	*	
New York	734	83.7	79.1 - 87.4	374	78.6	71.3 - 84.3	360	86.8	81.6 - 90.7
North Carolina	419	87.0	81.1 - 91.2	222	79.1	72.7 - 84.1	197	88.5	81.5 - 93.0
North Dakota	*	*		*	*		*	*	
Ohio	265	84.0	77.7 - 88.7	143	82.9	73.4 - 89.3	122	84.6	77.0 - 89.9
Oklahoma	54	75.8	56.6 - 87.4 †	27	*		27	91.6	63.9 - 98.3 †
Oregon	17	*		12	100.0		*	*	
Pennsylvania	295	85.9	79.3 - 90.5	158	83.0	73.6 - 89.3 †	137	84.9	80.1 - 88.6
Rhode Island	16	100.0		*	*		*	*	
South Carolina	229	87.3	80.3 - 91.9 †	117	84.6	75.0 - 90.7 †	112	81.8	74.3 - 87.4
Tennessee	192	86.5	79.5 - 91.3 †	107	75.2	65.8 - 82.4	85	89.8	79.3 - 95.2 †
Texas	584	82.4	76.5 - 87.0	311	83.0	76.3 - 88.0 †	273	84.6	77.9 - 89.4
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	71	79.6	63.3 - 89.3 †	39	67.7	44.9 - 82.7 †	32	96.9	79.4 - 99.6 †
WA - Seattle	66	80.2	63.7 - 89.7 †	38	68.5	46.9 - 82.8 †	28	100.0	
West Virginia	10	*		*	*		*	*	
Wisconsin	83	89.0	75.4 - 95.3 †	46	93.5	79.9 - 98.0 †	37	84.2	62.8 - 93.8 †
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Non-Hodgkin Lymphoma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	36,593	64.6	63.7 - 65.5	18,998	61.2	59.8 - 62.5	17,595	68.2	67.1 - 69.4
Alabama	1,000	59.7	54.6 - 64.5	513	54.9	47.4 - 61.7	487	64.2	57.1 - 70.5
Alaska	25	76.6	53.0 - 89.4†	13	*		12	*	
Arizona	201	63.8	52.5 - 73.1	122	72.5	61.4 - 80.9†	79	61.0	45.9 - 73.1
Arkansas	402	66.4	56.4 - 74.6	222	62.7	49.4 - 73.5	180	68.1	56.1 - 77.5
California	2,462	66.6	63.2 - 69.7	1,317	64.2	59.1 - 68.8	1,145	69.0	64.5 - 73.1
CA - Greater California	954	61.8	55.8 - 67.2	524	60.2	52.2 - 67.3	430	63.1	54.5 - 70.5
CA - Greater Bay Area	566	74.1	68.8 - 78.7	306	72.1	64.1 - 78.7	260	75.9	67.5 - 82.4
CA - Los Angeles	943	63.2	57.6 - 68.2	487	57.5	48.6 - 65.3	456	67.6	60.9 - 73.4
Colorado	201	66.8	48.0 - 80.1	116	54.0	45.0 - 62.2	85	74.2	54.5 - 86.3
Connecticut	371	66.6	58.8 - 73.2	198	63.7	52.9 - 72.6	173	69.6	58.5 - 78.3
Delaware	210	63.8	51.2 - 73.9	104	57.4	41.2 - 70.7	106	69.7	52.4 - 81.7
District of Columbia	369	61.2	53.8 - 67.7	197	60.5	50.6 - 69.0†	172	67.6	59.0 - 74.8
Florida	3,363	60.9	58.1 - 63.6	1,718	58.4	54.2 - 62.4	1,645	62.8	59.2 - 66.2
Georgia	2,861	64.8	61.2 - 68.2	1,538	60.3	55.7 - 64.6	1,323	68.8	64.0 - 73.1
Hawaii	23	*		16	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,740	66.2	62.3 - 69.8	876	61.6	56.7 - 66.2	864	70.0	64.5 - 74.8
Indiana	542	56.5	49.7 - 62.7	284	54.1	43.0 - 64.0	258	57.2	48.9 - 64.7
Iowa	77	70.2	51.4 - 82.9†	47	*		30	*	
Kansas	144	65.2	52.6 - 75.2	67	63.1	43.0 - 77.8	77	65.4	49.3 - 77.5
Kentucky	334	65.1	56.8 - 72.1	196	60.3	49.0 - 69.8	138	68.5	56.1 - 78.0
Louisiana	1,402	57.1	52.5 - 61.4	732	53.7	46.7 - 60.1	670	60.3	54.2 - 65.9
Maine	13	*		*	*		*	*	
Maryland	1,736	65.3	61.2 - 69.1	833	61.7	55.3 - 67.6	903	67.7	62.2 - 72.5
MI - Detroit	1,095	65.0	59.6 - 69.9	549	60.0	51.9 - 67.1	546	68.9	61.8 - 74.9
Minnesota	242	73.8	62.9 - 82.0	143	71.0	56.4 - 81.5	99	80.8	67.2 - 89.3†
Mississippi	947	59.2	53.4 - 64.4	477	51.2	41.7 - 59.9	470	64.5	57.1 - 70.9
Missouri	687	70.1	64.2 - 75.2	354	64.6	55.6 - 72.1	333	74.7	66.4 - 81.2
Montana	*	*		*	*		*	*	
Nebraska	81	62.3	43.0 - 76.7†	41	*		40	*	
New Hampshire	10	100.0		*	*		*	*	
New Jersey	1,279	63.1	58.7 - 67.2	636	64.2	56.7 - 70.7	643	62.5	57.1 - 67.5
New Mexico	37	*		22	*		15	*	
New York	3,843	62.4	59.8 - 64.9	1,928	58.5	54.4 - 62.4	1,915	65.6	62.2 - 68.8
North Carolina	2,083	66.8	63.0 - 70.3	1,064	61.1	55.1 - 66.6	1,019	70.5	65.6 - 74.8
North Dakota	*	*		*	*		*	*	
Ohio	1,319	65.0	60.6 - 69.0	695	60.3	53.8 - 66.2	624	69.3	63.3 - 74.6
Oklahoma	246	61.2	51.0 - 69.9	138	53.4	38.9 - 65.9	108	70.2	56.1 - 80.6
Oregon	72	55.1	36.9 - 69.9	50	44.0	25.6 - 61.0	22	*	
Pennsylvania	1,536	66.8	62.4 - 70.8	811	62.5	55.5 - 68.8	725	69.8	64.6 - 74.4
Rhode Island	54	72.7	52.7 - 85.3†	30	*		24	81.2	54.9 - 93.1†
South Carolina	1,109	60.7	55.5 - 65.4	597	55.9	48.7 - 62.5	512	65.2	58.8 - 70.9
Tennessee	904	61.7	55.7 - 67.1	462	56.3	47.0 - 64.6	442	65.7	57.8 - 72.4
Texas	2,846	64.4	61.1 - 67.4	1,484	59.2	53.6 - 64.3	1,362	69.2	64.9 - 73.0
Utah	26	*		14	*		12	*	
Vermont	*	*		*	*		*	*	
Washington	278	67.0	55.9 - 75.9	159	62.7	49.1 - 73.7	119	68.8	52.9 - 80.3
WA - Seattle	256	69.0	60.3 - 76.3	152	67.4	55.7 - 76.7	104	70.4	52.8 - 82.5
West Virginia	67	63.9	44.5 - 78.0†	40	*		27	*	
Wisconsin	330	69.4	59.7 - 77.2	165	67.1	55.9 - 76.0	165	70.4	57.8 - 79.8†
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Myeloma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	34,962	56.7	55.9 - 57.6	17,246	55.3	54.0 - 56.6	17,716	58.1	56.9 - 59.2
Alabama	1,124	56.2	51.4 - 60.8	539	51.6	44.0 - 58.6	585	59.3	53.2 - 64.9
Alaska	15	*		11	*		*	*	
Arizona	188	58.3	47.5 - 67.5	106	49.8	35.6 - 62.4	82	71.0	56.2 - 81.6
Arkansas	407	55.8	48.3 - 62.7	200	45.8	35.6 - 55.5	207	64.8	54.7 - 73.2
California	2,175	56.8	53.3 - 60.2	1,194	56.3	51.4 - 60.9	981	57.0	51.7 - 61.9
CA - Greater California	872	55.8	49.8 - 61.3	488	53.6	45.1 - 61.3	384	57.7	49.5 - 65.1
CA - Greater Bay Area	453	60.7	52.2 - 68.1	256	63.6	52.3 - 72.9	197	54.0	43.2 - 63.6
CA - Los Angeles	850	55.0	49.7 - 60.0	450	53.6	46.4 - 60.2	400	56.6	49.1 - 63.4
Colorado	177	60.2	48.0 - 70.3	106	57.2	40.9 - 70.6†	71	72.1	54.4 - 83.9†
Connecticut	380	63.1	54.6 - 70.4	200	60.7	50.3 - 69.6	180	67.7	55.7 - 77.2†
Delaware	207	58.0	43.6 - 69.9	102	55.8	36.3 - 71.5	105	62.2	48.6 - 73.2†
District of Columbia	313	62.4	54.3 - 69.5	143	57.7	44.6 - 68.7	170	66.6	55.8 - 75.4
Florida	3,169	58.1	55.2 - 60.8	1,569	56.0	51.8 - 60.0	1,600	59.7	55.8 - 63.5
Georgia	2,890	58.3	55.2 - 61.3	1,380	55.8	51.0 - 60.4	1,510	60.0	55.9 - 63.9
Hawaii	20	*		13	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,635	56.5	52.4 - 60.4	749	56.7	50.6 - 62.4	886	56.1	50.5 - 61.3
Indiana	521	54.6	47.6 - 61.2	254	49.3	38.7 - 59.1	267	57.6	48.5 - 65.6
Iowa	71	57.1	39.3 - 71.5	32	*		39	*	
Kansas	162	68.6	53.6 - 79.7†	79	71.0	47.5 - 85.4†	83	65.8	43.5 - 81.0†
Kentucky	293	57.7	48.5 - 65.8	161	63.1	49.0 - 74.3	132	51.2	39.6 - 61.7
Louisiana	1,288	53.8	49.3 - 58.1	641	48.0	41.1 - 54.5	647	57.9	52.3 - 63.1
Maine	*	*		*	*		*	*	
Maryland	1,519	58.2	54.0 - 62.2	704	56.6	50.1 - 62.5	815	59.8	54.5 - 64.7
MI - Detroit	978	48.8	43.9 - 53.6	470	46.8	40.1 - 53.2	508	49.7	42.7 - 56.3
Minnesota	147	52.5	36.8 - 66.0	88	48.2	29.8 - 64.4	59	59.8	38.9 - 75.6
Mississippi	984	45.3	40.4 - 50.1	473	45.2	37.5 - 52.6	511	45.2	38.9 - 51.3
Missouri	608	52.1	45.9 - 58.0	293	51.4	41.8 - 60.2	315	51.9	43.7 - 59.5
Montana	*	*		*	*		*	*	
Nebraska	72	54.9	37.6 - 69.2	35	*		37	*	
New Hampshire	14	*		10	*		*	*	
New Jersey	1,211	54.1	49.4 - 58.6	580	52.1	45.2 - 58.5	631	53.6	47.1 - 59.7
New Mexico	34	*		18	*		16	*	
New York	3,540	55.3	52.7 - 57.8	1,697	52.5	48.7 - 56.1	1,843	57.9	54.4 - 61.2
North Carolina	2,270	60.1	56.8 - 63.3	1,155	58.2	53.0 - 63.0	1,115	62.4	58.0 - 66.4
North Dakota	*	*		*	*		*	*	
Ohio	1,160	58.1	53.5 - 62.5	599	56.3	49.6 - 62.5	561	59.3	53.0 - 65.1
Oklahoma	258	56.0	46.7 - 64.2	133	59.9	47.3 - 70.4†	125	52.1	39.7 - 63.1
Oregon	46	*		30	*		16	*	
Pennsylvania	1,350	58.2	54.1 - 62.1	639	57.0	50.9 - 62.6	711	58.8	53.3 - 63.8
Rhode Island	58	78.9	62.1 - 88.9	32	88.8	68.6 - 96.3†	26	*	
South Carolina	1,387	54.6	50.4 - 58.6	671	54.0	47.6 - 60.0	716	55.1	49.6 - 60.3
Tennessee	901	53.1	47.7 - 58.2	437	57.9	49.5 - 65.3	464	48.4	41.4 - 55.0
Texas	2,747	56.1	53.0 - 59.2	1,347	53.6	49.1 - 58.0	1,400	58.0	53.8 - 62.0
Utah	28	*		19	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	217	56.3	45.2 - 66.1†	131	63.4	47.6 - 75.6†	86	50.0	34.1 - 63.9†
WA - Seattle	193	60.3	48.5 - 70.3†	112	67.2	50.2 - 79.5†	81	54.4	37.5 - 68.6†
West Virginia	61	*		31	*		30	*	
Wisconsin	313	64.2	54.6 - 72.2	156	66.4	53.3 - 76.5†	157	68.6	54.1 - 79.4
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

* All statistics are suppressed when fewer than 10 cases were reported for the specific cancer. Survival statistics are suppressed when the standard error was greater than or equal to 10% or the difference between the upper and lower confidence intervals was greater than 40%.

† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Leukemias

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	26,063	50.0	49.1 - 51.0	13,952	50.6	49.2 - 51.9	12,111	49.4	48.1 - 50.7
Alabama	731	49.1	43.4 - 54.5	391	50.4	42.1 - 58.1	340	46.8	38.7 - 54.5
Alaska	15	*		11	*		*	*	
Arizona	144	37.2	26.0 - 48.3	81	45.8	30.8 - 59.5†	63	34.1	19.9 - 48.7
Arkansas	311	52.8	42.8 - 61.8	169	53.7	42.0 - 64.0†	142	51.7	33.9 - 66.8
California	1,738	48.9	45.4 - 52.3	994	51.1	46.4 - 55.6	744	45.3	40.1 - 50.5
CA - Greater California	695	48.5	42.7 - 54.1	429	51.4	44.1 - 58.1	266	42.6	34.7 - 50.3
CA - Greater Bay Area	357	47.5	40.1 - 54.6	201	48.9	39.4 - 57.8	156	45.0	33.6 - 55.8
CA - Los Angeles	686	49.1	43.9 - 54.1	364	50.3	43.0 - 57.1	322	46.0	38.3 - 53.4
Colorado	132	61.2	47.7 - 72.2	81	58.4	42.0 - 71.7	51	66.1	44.1 - 81.1†
Connecticut	256	56.1	47.8 - 63.5†	129	43.8	34.6 - 52.7	127	56.8	45.2 - 66.8†
Delaware	135	52.9	41.0 - 63.4	70	54.9	39.9 - 67.6	65	55.6	40.0 - 68.7†
District of Columbia	188	39.0	28.9 - 49.0	94	41.6	26.8 - 55.8	94	37.8	26.8 - 48.8
Florida	2,504	52.6	49.5 - 55.6	1,316	52.1	47.6 - 56.5	1,188	52.3	48.0 - 56.4
Georgia	2,101	51.4	48.0 - 54.8	1,104	51.2	46.5 - 55.8	997	51.3	46.3 - 56.1
Hawaii	18	*		12	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	1,309	46.6	42.6 - 50.5	683	48.4	42.7 - 53.9	626	44.1	38.7 - 49.5
Indiana	399	43.8	36.4 - 50.9	220	44.0	34.7 - 52.9	179	41.2	30.1 - 52.0
Iowa	69	74.1	59.1 - 84.3†	44	64.5	41.8 - 80.3†	25	84.9	58.7 - 95.1†
Kansas	151	48.7	36.7 - 59.6	79	51.1	33.2 - 66.4†	72	48.8	31.7 - 63.9
Kentucky	266	52.7	42.5 - 62.0	139	52.4	39.2 - 64.0	127	55.6	42.0 - 67.2
Louisiana	1,012	50.2	45.7 - 54.6	566	54.3	47.8 - 60.4	446	45.2	38.9 - 51.3
Maine	*	*		*	*		*	*	
Maryland	1,122	49.4	44.8 - 53.8	568	45.2	39.6 - 50.6	554	53.4	47.0 - 59.4
MI - Detroit	765	47.0	41.6 - 52.1	391	49.1	40.9 - 56.8	374	44.6	37.7 - 51.2
Minnesota	146	51.5	39.9 - 62.0	92	43.8	29.6 - 57.1	54	64.2	46.0 - 77.6
Mississippi	702	44.8	39.2 - 50.3	385	43.1	35.9 - 50.0	317	46.3	38.0 - 54.1
Missouri	505	43.7	37.3 - 50.0	261	38.2	28.8 - 47.6	244	47.2	39.1 - 54.8
Montana	*	*		*	*		*	*	
Nebraska	60	64.5	49.0 - 76.4†	37	63.5	42.0 - 78.8†	23	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	943	52.3	47.4 - 57.0	505	58.9	51.5 - 65.6	438	43.3	36.7 - 49.8
New Mexico	33	*		18	*		15	*	
New York	2,505	45.9	43.0 - 48.7	1,278	45.3	41.3 - 49.3	1,227	46.5	42.4 - 50.4
North Carolina	1,550	52.2	48.2 - 56.0	846	52.8	47.6 - 57.7	704	50.5	44.8 - 56.0
North Dakota	*	*		*	*		*	*	
Ohio	833	49.9	44.8 - 54.8	432	47.3	39.9 - 54.4	401	52.8	45.9 - 59.1
Oklahoma	210	45.4	35.1 - 55.1	128	45.2	32.3 - 57.3	82	45.8	30.6 - 59.7
Oregon	52	35.6	19.2 - 52.4†	32	*		20	*	
Pennsylvania	934	47.2	42.5 - 51.9	480	43.8	37.3 - 50.2	454	49.6	42.9 - 55.9
Rhode Island	41	*		26	*		15	*	
South Carolina	849	46.2	41.3 - 50.9	441	43.5	36.8 - 50.0	408	48.8	41.8 - 55.5
Tennessee	650	51.0	45.1 - 56.5	335	52.6	43.8 - 60.7	315	47.8	39.7 - 55.4
Texas	2,096	53.0	49.1 - 56.7	1,148	52.7	47.1 - 57.9	948	52.8	47.3 - 58.1
Utah	11	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	204	52.6	43.6 - 60.7	131	51.7	42.0 - 60.5	73	55.9	38.5 - 70.1†
WA - Seattle	201	49.3	41.3 - 56.8	129	50.8	41.2 - 59.7	72	47.2	30.2 - 62.5†
West Virginia	63	44.0	27.8 - 59.0†	39	*		24	*	
Wisconsin	286	56.3	46.7 - 64.8	171	54.1	42.6 - 64.3	115	54.5	41.1 - 66.1
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

N/A Not applicable, statistics not calculated.

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† Relative survival ratio (RSR) and confidence interval (CI) values are not age-standardized.

**Five Year Age-Standardized Relative Survival Ratios (RSR) for Cancers Diagnosed 2012–2018
Complete Method, Follow-Up Through 2018 by Registry, Black, Mesothelioma**

Registry	MALES AND FEMALES			MALES			FEMALES		
	Count	RSR	95% CI	Count	RSR	95% CI	Count	RSR	95% CI
NAACCR U.S. Combined	979	16.6	13.6 - 19.8	689	10.7	7.3 - 14.9	290	24.2	19.2 - 29.6
Alabama	31	*		22	0.0		*	*	
Alaska	*	*		*	*		*	*	
Arizona	*	*		*	*		*	*	
Arkansas	*	*		*	*		*	*	
California	83	10.1	3.0 - 22.3 †	68	*		15	10.0	0.6 - 35.8 †
CA - Greater California	35	7.8	0.6 - 28.6 †	31	0.0		*	*	
CA - Greater Bay Area	25	0.0		20	*		*	*	
CA - Los Angeles	23	*		17	*		*	*	
Colorado	10	*		*	*		*	*	
Connecticut	*	*		*	*		*	*	
Delaware	*	*		*	*		*	*	
District of Columbia	10	0.0		*	*		*	*	
Florida	58	7.2	0.8 - 23.9 †	42	0.0		16	6.5	0.4 - 25.4 †
Georgia	45	25.9	12.7 - 41.3 †	29	*		16	*	
Hawaii	*	*		*	*		*	*	
Idaho	*	*		*	*		*	*	
Illinois	33	25.6	11.3 - 42.6 †	24	9.4	1.6 - 26.0 †	*	*	
Indiana	16	*		11	*		*	*	
Iowa	*	*		*	*		*	*	
Kansas	*	*		*	*		*	*	
Kentucky	*	*		*	*		*	*	
Louisiana	85	5.1	0.6 - 17.9 †	57	5.2	0.5 - 19.2 †	28	*	
Maine	*	*		*	*		*	*	
Maryland	33	*		19	0.0		14	*	
MI - Detroit	28	*		17	*		11	0.0	
Minnesota	*	*		*	*		*	*	
Mississippi	31	*		23	0.0		*	*	
Missouri	18	*		14	*		*	*	
Montana	*	*		*	*		*	*	
Nebraska	*	*		*	*		*	*	
New Hampshire	*	*		*	*		*	*	
New Jersey	47	23.7	11.3 - 38.6 †	26	*		21	*	
New Mexico	*	*		*	*		*	*	
New York	88	16.4	8.2 - 27.2 †	65	7.4	1.7 - 19.1 †	23	*	
North Carolina	48	34.2	19.1 - 49.9 †	29	22.1	7.2 - 42.0 †	19	*	
North Dakota	*	*		*	*		*	*	
Ohio	51	8.6	1.5 - 23.8 †	37	*		14	*	
Oklahoma	*	*		*	*		*	*	
Oregon	*	*		*	*		*	*	
Pennsylvania	47	11.6	3.2 - 26.0 †	32	5.6	0.4 - 22.4 †	15	*	
Rhode Island	*	*		*	*		*	*	
South Carolina	40	8.6	0.8 - 28.4 †	28	7.2	0.6 - 25.8 †	12	*	
Tennessee	18	17.3	4.2 - 37.8 †	10	0.0		*	*	
Texas	80	14.8	4.8 - 29.9 †	60	0.0		20	*	
Utah	*	*		*	*		*	*	
Vermont	*	*		*	*		*	*	
Washington	*	*		*	*		*	*	
WA - Seattle	*	*		*	*		*	*	
West Virginia	*	*		*	*		*	*	
Wisconsin	14	*		*	*		*	*	
Wyoming	*	*		*	*		*	*	

Abbreviations: RSR, Relative Survival Ratio; CI, Confidence Interval

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