

Cancer in North America: 2011-2015

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



North American Association of Central Cancer Registries, Inc.



EXECUTIVE SUMMARY

Members of the North American Association of Central Cancer Registries, Inc. (NAACCR) participate voluntarily in an annual call for data to develop a multi-registry, aggregated data resource for cancer surveillance and research. In June of 2018, NAACCR released the four volume monograph, *Cancer in North America (CiNA): 2011-2015*. This release of cancer incidence statistics for the United States is the 28th publication in the series and the 26th 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 for 12 Canadian provinces and territories. We also report data by 5 regions: California (excluding the Greater Bay area and Los Angeles), and 4 SEER urban registries (Detroit, Los Angeles, San Francisco-Oakland, and Seattle). CiNA includes registry-specific data on stage at diagnosis, survival and delay adjusted estimates of counts and age-adjusted rates for selected cancers. These delay adjustment figures provide a projection of the likely volume of tardy reports of cancer for the time period and is recommended for use in assessing current cancer incidence trends.

Volume One presents the aggregated cancer incidence data, including pediatric cancer and cancer by stage at diagnosis, representing North America including data from the high quality registries in the United States and Canada. Age-adjusted cancer incidence rates for the Canadian and United States populations are provided standardized to the 2000 US, 2011 Canadian, and the world population standards. Combined United States and Canadian data are presented by race and for Hispanic/Latino ethnicity in Volume One. Volume Two contains registry-specific cancer incidence rates by cancer site, sex, race, ethnicity and stage for all NAACCR members submitting data for inclusion in the monograph. Volume Three presents the registry-specific cancer death rates by cancer site, sex, race, and ethnicity. Volume Four provides cancer survival data for the US and Canada from 56 registries on more than 9 million cases diagnosed among North Americans between 2008 and 2014. All four volumes are available free of charge from the NAACCR website, along with population data, supporting appendices, and cancer rates age-adjusted to the US, Canadian and World population standards.

Note that this publication utilizes population estimates that are based upon the United States 2010 and Canada 2011 censuses.

In addition to publication of cancer statistics for the most recent five-year period, the CiNA data resource is used to create the *CiNA+ Online* database and NAACCR FastStats (graphic and tables by cancer sites, race/sex, race/ethnicity, age at diagnosis, sex, registry, and data type) for public queries regarding cancer incidence for the most recent five years. The CiNA data are also used to develop a discretionary research data set (*CiNA Deluxe*), including data from 1995 to 2015, to facilitate analytic studies conducted by epidemiologists and other qualified researchers. The data within this report are also available as an electronic reproduction of all cancer statistics reported in the CiNA monograph for use in SAS analytic software and in SEER*Stat software for approved uses by NAACCR members. These preeminent cancer data resources are unparalleled in geographic scope, timeliness of statistics, and assurance of standardization of information and data quality across all contributors, with standard data quality metrics reported for all contributors. Additional information about CiNA Research Data can be found on-line: <https://www.naaccr.org/cina-data-products-overview/>.

We hope that *Cancer in North America: 2011-2015*, with the companion CiNA products and resources, facilitate studies of cancer burden, so that we are better able to identify and understand appropriate and important measures to control the myriad diseases within the cancer rubric. The cancer surveillance infrastructure in the U.S. and Canada has been orchestrated to meet these objectives.

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

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

The Editors
June 2018

CANCER IN NORTH AMERICA: 2011-2015

VOLUME ONE: COMBINED CANCER INCIDENCE FOR THE UNITED STATES, CANADA AND NORTH AMERICA

**A Publication of the North American Association of Central Cancer Registries, Inc.
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All Appendices are available on the NAACCR website:

<https://www.naaccr.org/cancer-in-north-america-cina-volumes/#Appendices>